



CALL NO. 333

CONTRACT ID. 232417

CAMPBELL COUNTY

FED/STATE PROJECT NUMBER FD04 019 6335 001-005

DESCRIPTION MARY INGLES HIGHWAY (KY 6335)

WORK TYPE ASPHALT RESURFACING

PRIMARY COMPLETION DATE 6/30/2024

LETTING DATE: August 24,2023

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME August 24,2023. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

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PART I

SCOPE OF WORK

ADMINISTRATIVE DISTRICT - 06

CONTRACT ID - 232417
FD04 019 6335 001-005
COUNTY - CAMPBELL
PCN - MP01963352302
FD04 019 6335 001-005

MARY INGLES HIGHWAY (KY 6335) (MP 1.767) BEGIN AT TOWER HILL ROAD EXTENDING EAST TO KY 445. (MP 4.636), A DISTANCE OF 02.86 MILES.ASPHALT RESURFACING
GEOGRAPHIC COORDINATES LATITUDE 39:04:27.00 LONGITUDE 84:26:20.00
ADT 0

COMPLETION DATE(S):
COMPLETED BY 06/30/2024 APPLIES TO ENTIRE CONTRACT

CONTRACT NOTES

PROPOSAL ADDENDA

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

BID SUBMITTAL

Bidder must use the Department's electronic bidding software. The Bidder must download the bid file located on the Bid Express website (www.bidx.com) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

JOINT VENTURE BIDDING

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. When prescribed in said directives, the contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom shall be contacted through their individual Protection Notification Center. Non-compliance with these directives can result in the enforcement of penalties.

REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by [KRS 14A.9-010](#) to obtain a certificate of authority to transact business in the Commonwealth ("certificate") from the Secretary of State under [KRS 14A.9-030](#) unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the foreign entity is not required to obtain a certificate as provided in [KRS 14A.9-010](#), the foreign entity should identify the applicable exception. Foreign entity is defined within [KRS 14A.1-070](#).

For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity's solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.

Businesses can register with the Secretary of State at <https://secure.kentucky.gov/sos/ftbr/welcome.aspx>.

SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by fax (502) 564-7299 or email to kytc.projectquestions@ky.gov. The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading "Questions & Answers" on the Construction Procurement website (www.transportation.ky.gov/contract). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

HARDWOOD REMOVAL RESTRICTIONS

The US Department of Agriculture has imposed a quarantine in Kentucky and several surrounding states, to prevent the spread of an invasive insect, the emerald ash borer. Hardwood cut in conjunction with the project may not be removed from the state. Chipping or burning on site is the preferred method of disposal.

INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES

Identification of excess material sites and borrow sites shall be the responsibility of the Contractor. The Contractor shall be responsible for compliance with all applicable state and federal laws and may wish to consult with the US Fish and Wildlife Service to seek protection under Section 10 of the Endangered Species Act for these activities.

ACCESS TO RECORDS

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this contract for the purpose of financial audit or program review. Records and other prequalification information confidentially

disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004.

BUILD AMERICA, BUY AMERICA ACT (BABA)

On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (IIJA), Pub. L. No. 117-58, includes the Build America, Buy America Act (“the Act”). Pub. L. No. 117-58, §§70901-52. The Act strengthens the Buy America preference to include “construction materials.” The current temporary waiver for **“construction materials”** will expire on November 10, 2022.

The Act will apply to construction materials as outlined in the guidance issued in OMB [M-22-11](#).

Construction Materials – Includes an article, material, or supply – other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives – that is or consists primarily of:

- Non-ferrous metals
- Plastic/polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Lumber; or
- Drywall.

Construction Materials only applies to items, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project.

Construction Materials does not apply to tools, equipment or supplies brought to the jobsite and removed before completion.

BOYCOTT PROVISIONS

If applicable, the contractor represents that, pursuant to [KRS 45A.607](#), they are not currently engaged in, and will not for the duration of the contract engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which Kentucky can enjoy open trade.

Note: The term Boycott does not include actions taken for bona fide business or economic reasons, or actions specifically required by federal or state law.

If applicable, the contractor verifies that, pursuant to KRS 41.480, they do not engage in, and will not for the duration of the contract engage in, in energy company boycotts as defined by KRS 41.472.

LOBBYING PROHIBITIONS

The contractor represents that they, and any subcontractor performing work under the contract, have not violated the agency restrictions contained in [KRS 11A.236](#) during the previous ten (10) years, and pledges to abide by the restrictions set forth in such statute for the duration of the contract awarded.

The contractor further represents that, pursuant to [KRS 45A.328](#), they have not procured an original, subsequent, or similar contract while employing an executive agency lobbyist who was convicted of a crime related to the original, subsequent, or similar contract within five (5) years of the conviction of the lobbyist.

February 1, 2023

SPECIAL NOTE FOR RECIPROCAL PREFERENCE

RECIPROCAL PREFERENCE TO BE GIVEN BY PUBLIC AGENCIES TO RESIDENT BIDDERS

By reference, KRS 45A.490 to 45A.494 are incorporated herein and in compliance regarding the bidders residency. Bidders who want to claim resident bidder status should complete the Affidavit for Claiming Resident Bidder Status along with their bid in the electronic bidding software. Submittal of the Affidavit should be done along the bid in Bid Express.

April 30, 2018

SURFACING AREAS

The Department estimates the mainline surfacing width to be 21 feet.

The Department estimates the total mainline area to be surfaced to be 37,113 square yards.

The Department estimates the shoulder width to be 1 foot on each side.

The Department estimates the total shoulder area to be surfaced to be 3,366 square yards.

ASPHALT MIXTURE

Unless otherwise noted, the Department estimates the rate of application for all asphalt mixtures to be 110 lbs/sy per inch of depth.

INCIDENTAL SURFACING

The Department has included in the quantities of asphalt mixtures established in the proposal estimated quantities required for resurfacing or surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, curve widening, ramp gores and tapers, and road and street approaches, as applicable. Pave these areas to the limits as shown on Standard Drawing RPM-110-06 or as directed by the Engineer. In the event signal detectors are present in the intersecting streets or roads, pave the crossroads to the right of way limit or back of the signal detector, whichever is the farthest back of the mainline. Surface or resurface these areas as directed by the Engineer. The Department will not measure placing and compacting for separate payment but shall be incidental to the Contract unit price for the asphalt mixtures.

OPTION B

Be advised that the Department will control and accept compaction of asphalt mixtures furnished on this project under OPTION B in accordance with Sections 402 and 403.

**SPECIAL NOTES FOR DITCHING
CAMPBELL COUNTY
FD04 019 6335 001-005**

A drainage ditch shall be installed, improved or lined with Class 2 channel lining from KY 445 to Tower Hill Road. The ditch will be installed for the entire corridor, where applicable on the West side of the roadway. The total estimated length for construction of a drainage ditch and shouldering is 15,000 Linear Feet. The Contractor shall coordinate the ditch construction with the Project Engineer and all locations shall be verified and marked with the Engineer prior to any work including the areas requiring channel lining.

All work shall be done in accordance with the current Standard Specifications for Road and Bridge Construction and applicable Standard Drawings.

Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department. All utilities shall be mark before construction begins. There may be utility service lines and/or water lines in the pipe removal area.

Information shown on the drawings and in this proposal and the types and quantities of work listed are approximate only, and are not be taken as an accurate or complete evaluation of the material and conditions to be encountered during construction. The bidder must draw his own conclusion as to the conditions encountered. The department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation if the conditions encountered are not in accordance with the information shown.

The exact limits of Right-of-Way have not been established by the Department. The Contractor shall limit his activities to obvious Right-of-Way and work areas secured by the Department through Consent and Release of the adjacent property owners and shall be responsible for all encroachments onto private lands.

The Contractor will be responsible for all damage to public and/or private property resulting from his work.

**SPECIAL NOTES FOR
EXCAVATION AND DEBRIS REMOVAL
CAMPBELL COUNTY
FD04 019 6335 001-005**

Remove loose material and brush from the hillside in order to establish a ditch on the west side of the roadway. The slope shall be no greater than 2:1. The areas that need cut back are:

MP 2.53 – 2.68	792 feet
MP 2.99 – 3.05	320 feet
MP 3.16 – 3.24	422 feet

The total estimated excavation for the corridor is 3,000 Cubic Yards. The Contractor shall coordinate excavation with the Project Engineer and all locations shall be verified and marked with the Engineer prior to any work.

All work shall be done in accordance with the current Standard Specifications for Road and Bridge Construction and applicable Standard Drawings.

Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department. All utilities shall be mark before construction begins. There may be utility service lines and/or water lines in the pipe removal area.

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**SPECIAL NOTES FOR PIPE
REPLACEMENT AND INSTALLATION
CAMPBELL COUNTY
FD04 019 6335 001-005**

The following shall be incidental to the bid item “Culvert Pipe-18 in.”, “Culvert Pipe-24 in.” & “Culvert Pipe-72 in. Equiv.” unless a specific bid item is listed.

- (1) Removal of existing drainage structure (s) at proposed location.
- (2) Pipe bedding; including fabric and stone base
- (3) Installation of “Culvert Pipes”
- (4) Furnish all materials, labor and equipment.

The following paragraphs indicate the construction requirements pertaining to this project.

The Contractor shall coordinate the removal, replacement and reconstruction of the existing drainage structures with the Engineer. All locations shall be verified and marked with the Engineer prior to any work.

All work shall be done in accordance with the current Standard Specifications for Road and Bridge Construction except as provided herein and elsewhere in the proposal, these “Special Notes” Pipe Log (if applicable) and applicable Standard Drawings.

The Department will sample and test all materials according to Department's Sampling Manual and the Contractor shall have the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing, unless otherwise specified in these notes.

Location 1 STA 0+60 MP 4.62

Remove debris at the 24" culvert inlet and clean out the 140 foot culvert.

Location 2 STA 10+00 MP 4.44

Install a headwall for the 18" corrugated metal pipe.

Location 3 STA 12+75 MP 4.39

Install a headwall for the 18" corrugated metal pipe.

Location 4 STA 24+50 MP 4.17

Remove existing 30' long, 18" Concrete pipe and install a 40' long, 24 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 5 STA 49+00 MP 3.71

Remove existing 60' long, 18" corrugated metal pipe (CMP) and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 6 STA 59+75 MP 3.50

Remove existing 24' long, 18" Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 7 STA 67+00 MP 3.37

Remove existing 40' long, 15" corrugated metal pipe (CMP) and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 8 STA 75+25 MP 3.21

Remove debris at the 36" concrete culvert inlet and clean out the 40 foot length.

Location 9 STA 76+75 MP 3.18

Remove existing 34' long, 15" Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 10 STA 82+00 MP 3.08

Install a 40' long, 24" Corrugated High Density Polyethylene (HDPE) Pipe.

Location 11 STA 85+25 MP 3.02

Remove existing 25' long, 18 inch Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 12 STA 87+25 MP 2.98

Remove existing 32' long, 18 inch Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 13 STA 93+00 MP 2.87

Remove existing 30' long, 18 inch Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 14 STA 95+00 MP 2.84

Remove existing 35' long, 15" corrugated metal pipe (CMP) and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 15 STA 98+00 MP 2.78

Remove existing 34' long, 18 inch Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 16 STA 102+30 MP 2.70

Remove existing 35' long, 18" corrugated metal pipe (CMP) and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 17 STA 104+00 MP 2.67

Remove existing 34' long, 18 inch Concrete pipe and install a 40' long, 18 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 18 STA 120+00 MP 2.36

Remove existing 120' long, 60 inch culvert and install a 120' long, 72 inch Corrugated High Density Polyethylene (HDPE) Pipe or equivalent with an inlet headwall.

Location 19 STA 128+00 MP 2.21

Remove existing 58' long, 24" corrugated metal pipe (CMP) and install a 60' long, 24 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 20 STA 133+00 MP 2.12

Remove existing 60' long, 18" Concrete pipe and install a 60' long, 24 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 21 STA 135+30 MP 2.07

Remove debris at the 36 inch culvert inlet and clean out the 112-foot length.

Location 22 STA 141+50 MP 1.96

Remove existing 60' long, 24" corrugated metal pipe (CMP) and install a 60' long, 24 inch Corrugated High Density Polyethylene (HDPE) Pipe with an inlet headwall.

Location 23 STA 150+50 MP 1.78

Install a 40' long, 18" Corrugated High Density Polyethylene (HDPE) Pipe under the private entrance.

Roadway shall be saw-cut prior to any removal or installation of new culvert pipe. The pipe shall be placed on No. 8 Aggregate bedding wrapped with geotextile fabric class 2. The trench below the roadbed shall be backfilled with flowable fill (pH range medium) to existing subgrade. Raise to existing surface with 3 inch lifts of C1 2 Asphalt Base. All work and materials without a specific bid item shall be incidental to culvert pipe.

After all work is completed, debris from construction shall be completely removed from the job site. All disturbed areas shall be satisfactorily graded and then roughened to prepare the seed bed for the seeding and protection. Re-seed and straw all disturbed areas.

The maintaining and controlling of traffic shall be the responsibility of the Contractor. The Contractor shall furnish, install and maintain advance construction signs in accordance with the Manual on Uniform Traffic Control Devices, the Department's Standard Specifications for Road and Bridge Construction and applicable Standard Drawings.

Where it is necessary to maintain one lane of traffic or leave open trenches at night, the Contractor shall strictly adhere to all nighttime traffic control regulations. The project may be closed to through traffic during working hours. Maintain local traffic and access for the residents.

The installation of pipe shall be in conformance with the requirements of Section 701 of the current Standard Specifications for Road and Bridge Construction as applicable to this project, these “Special Notes”, and applicable Standard Drawings.

The Contractor shall remove and dispose of all debris and waste in a manner acceptable to the Engineer and in accordance with the special note for Waste and Barrow.

The Contractor shall furnish all equipment, materials, labor, including the “Culvert Pipe”.

All applicable materials and construction requirements for pipe culverts shall be in conformance with Sections 701 and 612 of the current Standard Specifications, these “Special Notes”, and applicable Standard Drawings.

All pipe flow line grades will be established by the Engineer and shall meet existing ditch channel elevations. Positive drainage is required upon completion of the project and shall be the responsibility of the Contractor.

Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department. All utilities shall be mark before construction begins. There may be utility service lines and/or water lines in the pipe removal area.

Information shown on the drawings and in this proposal and the types and quantities of work listed are approximate only, and are not be taken as an accurate or complete evaluation of the material and conditions to be encountered during construction. The bidder must draw his own conclusion as to the conditions encountered. The department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation if the conditions encountered are not in accordance with the information shown.

The exact limits of Right-of-Way have not been established by the Department. The Contractor shall limit his activities to obvious Right-of-Way and work areas secured by the Department through Consent and Release of the adjacent property owners and shall be responsible for all encroachments onto private lands.

The Contractor will be responsible for all damage to public and/or private property resulting from his work.

SPECIAL NOTES FOR CULVERT PIPE AND CULVERT PIPE EXTENSIONS

Except as provided herein, perform all work in accordance with the Department's Standard Specifications, interim Supplemental Specifications, Standard and Sepia Drawings, and Special Notes and Special Provisions, current editions. Article references are to the Standard Specifications. This project shall consist of furnishing all labor, equipment, materials, and incidentals for the following:

- (1) Maintaining and Controlling Traffic; (2) Constructing pipe extensions;
- (3) Embankment; (4) Erosion Control; and (5) any other work as specified by this contract.

II. MATERIALS

Provide for sampling and testing of all materials in accordance with the Department's Sampling Manual. Make materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing unless otherwise specified in these notes.

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Culvert Pipe. Furnish pipe meeting the requirements of Section 810. Select pipe for Ph range Medium and minimum fill cover height according to Standard Drawings RDI-001-009 and RDI-035-01.

C. Flowable Fill. Use flowable fill for pipe backfill according to Section 601.03.03(B).

D. Erosion Control. See Special Note for Erosion Control.

E. Embankment. Use suitable excavated earth materials, approved by the Engineer, aerated to proper moisture content prior to use. Obtain additional embankment from borrow sites off the Right-of-Way obtained by the Contractor at no additional cost to the Department.

F. Pavement. Use Class 2 Asphalt Base 1.00D PG64-22.

III. CONSTRUCTION METHODS

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Erosion Control. See Special Note for Erosion Control.

C. Site Preparation. Be responsible for all site preparation, including but not limited to saw cutting and removing pavement; clearing and grubbing, and incidental excavation and backfilling; removal of existing pipe, headwalls, and any obstructions or items; restoration of pavements, slopes, and all disturbed areas; final dressing and cleanup; and disposal of materials. Clear and grub only the minimum areas required to perform the other items of work; the Department has not determined the acreage of clearing and grubbing and the bidder must draw his own conclusions. Remove and replace existing fence, if present, the minimum amount required for construction as approved by the Engineer and replace upon completion of construction in like kind materials and design. Perform all site preparation only as approved or directed by the Engineer. Limit staging areas within the right of way to sites permitted by the Engineer.

Immediately prior to completion, clean all listed existing and new culvert pipe and clean ditches as designated by the Engineer. Provide positive drainage of pavement, shoulders, slopes, and ditches at all times during and upon completion of construction.

D. Removing Pipe and Excavation. Remove existing culvert pipe at the approximate locations noted on the summary. The Engineer will determine the actual location at the time of construction. Saw cut the existing asphalt pavement, PCC pavement if present, and base to a neat edge prior to excavation and removal of the existing pipe. Obtain the Engineer's approval of trench width prior to cutting pavement. Excavate trench and remove pipe as directed or approved by the Engineer without disturbing existing underground utilities. Deliver pipe determined by the Engineer to be reusable to the Department's Campbell County Maintenance Facility. Waste excavated materials not suitable for embankment, excess excavation, and unusable removed pipe at approved sites off the Right of Way obtained by the Contractor at no additional cost to the Department (See Special Note for Waste and Borrow).

E. Culvert Pipe. Construct culvert pipe extensions at the locations designated by the Engineer. Obtain the Engineer's approval of final lengths, centerline, flow lines and skew to obtain the best fit of the existing ditches and channels and proposed slopes. Construct pipe bedding according to Section 701 and the applicable Standard or Sepia Drawings. Use approved connecting bands, sleeves, and/or concrete anchors as required. Prior to backfilling pipe, obtain the Engineer's approval of the pipe installation. Provide Positive drainage upon completion of pipe installation.

F. Pipe Backfill. Backfill the pipe with according to Section 701.03.06.

G. Channel Lining. Place channel lining as directed by the Engineer. In addition to the requirements of section 703, additional hand placement may be required.

H. Embankments. After backfilling pipe extensions, construct embankment over pipe and widened shoulder embankments according to Section 206 as shown on the drawings or as directed by the Engineer. Provide positive drainage of slopes and ditches at all times during and upon completion of construction.

I. Pavement Restoration. Construct Asphalt Binder the full depth of existing base and surface. Final surface course will be by others and is not part of this Contract.

J. Guardrail. Guard rail, if required, will be by others and is not part of this Contract.

K. Final Dressing, Clean Up, Seeding and Protection, and Restoration. After all work is completed, remove all waste and debris from the job site (see Special Note for Waste and Borrow). Grade all disturbed areas to blend with the adjacent roadway features and to provide a suitable seed bed. Perform Class A Final dressing on all disturbed areas. Seed and protect all disturbed earthen areas according to the Special Notes for Erosion Control.

L. Property Damage. Be responsible for all damage to public and/or private property resulting from the work. Repair or replace damaged roadway features in like kind materials and design as directed by the Engineer at no additional cost to the Department. Repair or replace damaged private property in like kind materials and design to the satisfaction of the owner and the Engineer at no additional cost to the Department.

M. Disposal of Waste. Dispose of all removed pipe, pavement, debris, excess and unsuitable excavation, and all other waste at approved sites off the right of way obtained by the Contractor at no additional cost to the Department (see Special Note for Waste and Borrow).

N. On-Site Inspection. Before submitting a bid for the work, make a thorough inspection of the site and determine existing conditions so that the work can be expeditiously performed after a contract is awarded. The Department will consider submission of a bid to be evidence of this inspection having been made. The Department will not honor any claims for money or time extension resulting from site conditions.

O. Right-of-Way Limits. The Department has not determined exact Right-of-Way limits. Limit work activities and operations to obvious existing Right-of-Way and Permanent Easements, and work areas secured by the Department through consent and release of the adjacent property owners. Be responsible for encroachments onto private lands. Secure staging areas off the Right-of-Way, if required, at no additional cost to the Department.

P. Utility Clearance. Work around and do not disturb existing utilities. The Department does not anticipate that utilities will require relocation; however, if utility relocation is required, the utility companies will work concurrently with the Contractor while relocating their facilities.

Q. Caution. Consider the information in this proposal, shown on the plans, and the type of work listed herein to be approximate only and not to be taken as an accurate evaluation of the materials and conditions to be encountered during construction; the bidder must draw his own conclusions. The Department does not give any guarantee as to the accuracy of the data and no claim for money or time extension will be considered if the conditions encountered are not in accordance with the information shown.

R. Control. Perform all work under the absolute control of the Department of Highways. Obtain the Engineer's approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to have other work performed by other contractors and its own forces and to permit public utility companies and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with such other work will be reduced to a minimum. The Department will not honor any claims for money or time extension created by the operations of such other parties.

Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and his decision shall be final and binding upon the Contractor.

S. Staking. See Special Note for Staking.

IV. METHOD OF MEASUREMENT

The Department will measure only the bid items listed for payment. The Department will consider all other items required to complete the work incidental to the listed items.

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site Preparation. Other than the bid items listed, the Department will not measure site preparation for separate payment but shall be incidental to culvert pipe.

C. Erosion Control. See Special Note for Erosion Control.

D. Embankment. Contrary to Sections 205 and 206 the Department will measure embankment as load counts converted to cubic yards for materials deposited and compacted to the plan typical sections.

V. BASIS OF PAYMENT

The department will not make direct payment other than for the bid items listed. The Department will consider payment for all other items required to complete the work incidental to the listed items

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Culvert Pipe. Accept payment at the Contract unit price per linear foot as full compensation for furnishing all labor, materials, equipment and incidentals for Site Preparation, Staking, furnishing and installing new Culvert Pipe, and furnishing and placing Flowable Fill.

C. Erosion Control. See Special Note for erosion Control.

**SPECIAL NOTES FOR SLOPE MOWING
CAMPBELL COUNTY
FD04 019 6335 001-005**

All brush and branches shall be cut back from the roadway as far as the slope mower can reach. There are areas with overgrowth on both sides of the roadway and areas that are open. The total estimated slope mowing length for the corridor is 7,500 Linear Feet. The Contractor shall coordinate the mowing of slopes with the Project Engineer and all locations shall be verified and marked with the Engineer prior to any work.

This work will be measured and paid for with the bid item Trim & Remove Trees & Brush by the LF. No additional compensation will be considered.

Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department. All utilities shall be mark before construction begins. There may be utility service lines and/or water lines in the pipe removal area.

Information shown on the drawings and in this proposal and the types and quantities of work listed are approximate only, and are not be taken as an accurate or complete evaluation of the material and conditions to be encountered during construction. The bidder must draw his own conclusion as to the conditions encountered. The department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation if the conditions encountered are not in accordance with the information shown.

The exact limits of Right-of-Way have not been established by the Department. The Contractor shall limit his activities to obvious Right-of-Way and work areas secured by the Department through Consent and Release of the adjacent property owners and shall be responsible for all encroachments onto private lands.

The Contractor will be responsible for all damage to public and/or private property resulting from his work.

SPECIAL NOTE FOR PROFILE MILLING

FD04 019 6335 001-005

The Contractor shall correct existing roadway geometry to the satisfaction of the Engineer with the use of profile milling. As directed by the Engineer, mill certain areas of the project that have dropped due to slides a maximum of four inches prior to placement of asphalt surface. The item **ASPHALT PAVE MILLING & TEXTURING** shall be paid by the ton and shall include all equipment, labor, materials, and overhead necessary to complete the work.

Location 1 STA 9+00 to STA 11+95 MP 4.45

Profile Mill approximately 2 inches of surface – 42 additional Tons

Location 2 STA 16+00 to 19+45 MP 4.30

Profile Mill approximately 4 inches of surface – 146 additional Tons

Location 3 STA 24+00 to 30+00 MP 4.12

Profile Mill approximately 2 inches of surface – 84 additional Tons

Location 4 STA 43+00 to 45+60 MP 3.80

Profile Mill approximately 4 inches of surface – 110 additional Tons

Location 5 STA 47+54 to 50+33 MP 3.71

Profile Mill approximately 2 inches of surface – 39 additional Tons

Location 6 STA 59+00 to 60+80 MP 3.50

Profile Mill approximately 2 inches of surface – 25 additional Tons

Location 7 STA 79+15 to 80+15 MP 3.13

Profile Mill approximately 4 inches of surface – 42 additional Tons

Location 8 STA 92+00 to 99+70 MP 2.82

Profile Mill approximately 2 inches of surface – 108 additional Tons

Location 9 STA 124+00 to 127+80 MP 2.25

Profile Mill approximately 2 inches of surface – 160 additional Tons

**SPECIAL NOTES FOR TREE TRIMMING
CAMPBELL COUNTY
FD04 019 6335 001-005**

All tree limbs and branches shall be removed above the roadway from edge line to edge line from Tower Hill Road to KY 445. The areas of overgrowth are located on the west side of the roadway from MP 1.77 – 3.60. The total estimated tree trimming length of the corridor is 8,500 Linear Feet. The Contractor shall coordinate the tree trimming with the Project Engineer and all locations shall be verified and marked with the Engineer prior to any work.

All work shall be done in accordance with the current Standard Specifications for Road and Bridge Construction and applicable Standard Drawings.

Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department. All utilities shall be mark before construction begins. There may be utility service lines and/or water lines in the pipe removal area.

Information shown on the drawings and in this proposal and the types and quantities of work listed are approximate only, and are not be taken as an accurate or complete evaluation of the material and conditions to be encountered during construction. The bidder must draw his own conclusion as to the conditions encountered. The department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation if the conditions encountered are not in accordance with the information shown.

The exact limits of Right-of-Way have not been established by the Department. The Contractor shall limit his activities to obvious Right-of-Way and work areas secured by the Department through Consent and Release of the adjacent property owners and shall be responsible for all encroachments onto private lands.

The Contractor will be responsible for all damage to public and/or private property resulting from his work.

SPECIAL NOTE FOR STAKING

In addition to the requirements of Section 201, perform the following:

1. Contrary to Section 201.03.01, perform items 1-3 usually performed by the Engineer; and
2. Field survey the existing pavement to establish the existing cross slopes, transitions, and profile. Irregularities in the existing pavement are to be eliminated with the construction of a smooth line and grade of the new pavement to ensure the best rideability possible.
3. Verify intersection and lane profile and alignment and prepare a Drainage Development Worksheet to provide for positive drainage upon completion of construction; and
4. Prior to incorporating into the work, obtain the Engineers approval of all designs and revisions to be provided by the Contractor; and
5. Produce and furnish to the Engineer "As Built" plans; and
6. Perform all other staking operations required to control and construct the work.

SPECIAL PROVISION FOR WASTE AND BORROW SITES

Obtain U.S. Army Corps of Engineer's approval before utilizing a waste or borrow site that involves "Waters of the United States". The Corps of Engineers defines "Waters of the United States" as perennial or intermittent streams, ponds or wetlands. The Corps of Engineers also considers ephemeral streams, typically dry except during rainfall but having a defined drainage channel, to be jurisdictional waters. Direct questions concerning any potential impacts to "Waters of the United States" to the attention of the appropriate District Office for the Corps of Engineers for a determination prior to disturbance. Be responsible for any fees associated with obtaining approval for waste and borrow sites from the U.S. Army Corps of Engineer or other appropriate regulatory agencies.

1-296 Waste & Borrow Sites
01/02/2012

Coordination of Work with others (Project)

FD04 019 6335 001-004

This project shall not begin until all slide repairs are completed. The soil nail and drilled rail contractors will begin in August and September, respectively. They are expected to complete their repairs in October, so the tentative start date is November 1, 2023.

SPECIAL NOTE FOR PAVEMENT WEDGE AND SHOULDER MONOLITHIC OPERATION

1.0 MATERIALS. Provide an Asphalt Surface Mixture conforming to Section 403 of the Standard Specifications, as applicable to the project, for the pavement wedge.

2.0 CONSTRUCTION. Place the specified Asphalt Surface Mixture on shoulders monolithically with the driving lane. Prime the existing shoulder with tack material as the Engineer directs before placing the wedge. Construct according to Section 403.03 of the Standard Specifications.

Equip the paver with a modified screed that extends the full width of the wedge being placed and is tapered to produce a wedge. Obtain the Engineer's approval of the modified screed before placing shoulder wedge monolithically with the driving lane.

The wedge may vary in thickness at the edge of the milled area in the shoulder. If the area to receive the shoulder wedge is milled prior to placement, during rolling operations pinch the outside edge of the new inlay wedge to match the existing shoulder elevation not being resurfaced. Unless required otherwise by the Contract, construct rolled or sawed rumble strips according to Section 403.03.08, as applicable.

The following sketch is primarily for the computation of quantities; however, the wedge will result in a similar cross-section where sufficient width exists. Do not construct a shoulder for placing the wedge unless specified elsewhere in the Contract.



3.0 MEASUREMENT. The Department will measure Asphalt Surface Mixture placed as the pavement wedge according to Section 403.

4.0 PAYMENT. The Department will make payment for the completed and accepted quantities of Asphalt Surface Mixtures on pavement wedges according to Section 403.

SPECIAL NOTE FOR SHOULDER PREPARATION

Grade, shape, and compact shoulder as shown on the typical section and as directed by the Engineer to provide proper template and foundation for the shoulder resurfacing. The Department will not measure grading, shaping, and compacting shoulders for separate payment, but shall be incidental to the asphalt base and/or surface placed on the shoulder.

1-3245 Shoulder Preparation Contractor
01/02/2012

SPECIAL NOTES FOR GUARDRAIL

I. DESCRIPTION

Except as specified herein, perform all work in accordance with the Department's Standard and Supplemental Specifications and Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications.

Furnish all equipment, labor, materials, and incidentals for the following work items:

(1) Site preparation; (2) Remove existing guardrail systems; (3) Construct Guardrail, End Treatments, Bridge End Connectors, and Terminal Sections, as applicable; (4) Delineators for guardrail; (5) Maintain and control traffic; and (6) all other work specified as part of this contract.

II. MATERIALS

Except as specified herein, provide for all materials to be sampled and tested in accordance with the Department's Sampling Manual and make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Guardrail. Furnish guardrail system components according to section 814 and the Standard and Sepia Drawings; except use steel posts only, no alternates.

C. Delineators for Guardrail. Delineators for Guardrail. Furnish Delineators for Guardrail according to the Sepia Drawings.

D. Erosion Control. See Special Notes for Erosion Control.

III. CONSTRUCTION METHODS

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site Preparation. Remove existing guardrail system including the guardrail end treatments, Bridge End connectors and all other elements of the existing guardrail system according to Section 719, except that the Contractor will take possession of all concrete posts and all concrete associated with existing bridge and/or guardrail end treatments. Locate all disposal areas off the Right of Way at sites obtained by the Contractor at no additional cost to the Department. Be responsible for all site preparation, including but not limited to, clearing and grubbing, excavation, embankment, and removal of all obstructions or any other items; regrading, reshaping, adding and compacting of suitable materials on the

Guardrail

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existing shoulders to provide proper template or foundation for the guardrail; filling voids left as the result of removing existing guardrail and guard posts with dry sand; temporary pollution and erosion control; disposal, of excess and waste materials and debris; and final dressing, cleanup, and seeding and protection. Perform all site preparation as approved or directed by the Engineer.

C. Guardrail. Except as specified herein, construct guardrail system according to Section 719 and the Standard and Sepia Drawings. Locations listed on the summary and/or shown on the drawings are approximate only. The Engineer will determine the exact termini for individual guardrail installations at the time of construction. Unless directed otherwise by the Engineer, provide a minimum two (2) foot shoulder width. Construct radii at entrances and road intersections as directed by the Engineer.

Erect guardrail to the lines and grades shown on current Standard and Sepia Drawings or as directed by the Engineer by any method approved by the Engineer which allows construction of the guardrail to the true grade without apparent sags. Support cantilevered terminal sections with an additional post.

When removing existing guardrail and installing new guardrail, do not leave the blunt end exposed where it would be hazardous to the public. When it is not practical to complete the construction of the guardrail and the permanent end treatments and terminal sections first, provide a temporary end by connecting at least 25 feet of rail to the last post, and by slightly flaring, and burying the end of the rail completely into the existing shoulder. If left overnight, place a drum with bridge panel in advance of the guardrail end and maintain during use.

D. Delineators for Guardrail. Install delineators for guardrail according to the Standard and Sepia Drawings.

E. Property Damage. Be responsible for all damage to public and/or private property resulting from the work. Restore damaged roadway features and private property at no additional cost to the Department.

F. Coordination with Utility Companies. Locate all underground, above ground and overhead utilities prior to beginning construction. Be responsible for contacting and maintaining liaison with all utility companies that have utilities located within the project limits. Do not disturb existing overhead or underground utilities. It is not anticipated that any utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities. Be responsible for repairing all utility damage that occurs as a result of guardrail operations at no additional cost to the Department.

G. Right of Way Limits. The Department has not established exact limits of the Right-of-Way. Limit work activities to obvious Right-of-Way, permanent or temporary easements,

Guardrail
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and work areas secured by the Department through consent and release of the adjacent property owners. Be responsible for all encroachments onto private lands.

H. Disposal of Waste. Dispose of all removed concrete, debris, and other waste and debris off the Right-of-Way at sites obtained by the Contractor at no additional cost to the Department. See Special; Note for Waste and Borrow.

I. Final Dressing, Clean Up, and Seeding and Protection. Apply Class A Final Dressing to all disturbed areas, both on and off the Right-of-Way. Sow all disturbed earthen areas according to the Special Notes for Erosion Control.

J. Erosion Control. See Special Notes for Erosion Control.

IV. METHOD OF MEASUREMENT

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site preparation. Other than the bid items listed, the Department will not measure Site Preparation for separate payment but shall be incidental to Guardrail, End Treatments, Bridge End Connectors, and Terminal Sections as applicable.

C. Guardrail. See Section 719.04.

D. Delineators for Guardrail. See the Sepia Drawing.

E. Erosion Control. See Special Notes for Erosion Control.

V. BASIS OF PAYMENT

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Guardrail. See Section 719.05.

C. Delineators for Guardrail. See the Sepia Drawing.

D. Erosion Control. See Special Notes for Erosion Control.

SPECIAL NOTE FOR ASPHALT MILLING AND TEXTURING

Begin paving operations within **two weeks** of commencement of the milling operation. Continue paving operations continuously until completed. If paving operations are not begun within this time period, the Department will assess liquidated damages at the rate prescribed by Section 108.09 until such time as paving operations are begun.

Take possession of the millings and recycle the millings or dispose of the millings off the Right-of-Way at sites obtained by the Contractor at no additional cost to the Department.

1-3505 2 weeks Contractor keeps millings
01/2/2012

SPECIAL NOTES FOR BASE FAILURE REPAIR
FD04 019 6335 001-005

Base failure repair locations will be determined by the Engineer before the resurfacing begins. Saw cut the existing pavement, asphalt surface, base, DGA, and PCC pavement (if present). Excavate approximately 20 inches from the existing pavement level. Remove and dispose of all materials. Use all possible care to avoid damaging existing culvert pipes and any existing underground utilities. Repair or restore any damaged items at no additional costs to the Department. Waste all removed materials off the Right of Way at sites obtained by the Contractor. See Special Note for Waste and Barrow

Backfill the remaining area with Geotextile Fabric, 8 inches of No. 2 Stone, 3 inches of Crushed Stone Base or DGA and 9.0" Class 2 Asphalt Base 1.0D PG64-22 in 3 inch maximum courses up to the existing pavement surface. Compact each course of asphalt base to the proper compaction as required by the Section 403. Do not place new asphalt surface over repaired base failure areas until a minimum of 7 days has elapsed after placement of the final course of asphalt base. Prior to constructing the new asphalt surface, level and wedge any settlement of the repair areas.

The bidder must draw his own conclusions as to the conditions encountered. The Department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation of the materials encountered that are not in accord with the classification shown.

Payment at the Contract unit prices per Square Yard for "Base Failure Repair" shall be full compensation for all labor, materials, equipment, and incidentals for saw cutting pavement, excavating and disposing of all materials, backfilling trench up to the pavement boundary, furnishing, placing the asphalt base, and all other items necessary to complete the work to the satisfaction of the Engineer. Level and wedge will be paid as per the Standard Specifications.

SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS

Consider the dimensions shown on the typical sections for pavement and shoulder widths and thickness' to be nominal or typical dimensions. The Engineer may direct or approve varying the actual dimensions to be constructed to fit existing conditions. Do not widen existing pavement or shoulders unless specified elsewhere in this proposal or directed by the engineer.

1-3725 Typical Section Dimensions
01/02/2012

TRAFFIC CONTROL PLAN FD04 019 6335 001-005

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the current Standard Specifications and the Standard Drawings, current editions. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work.

PROJECT PHASING & CONSTRUCTION PROCEDURES

Currently the roadway is closed to through traffic. Barricades are in place just north of the Aqua Ramp and at KY 445. The roadway shall remain closed during construction, but local traffic must be maintained. The clear lane width shall be 10 feet where possible. No work shall begin prior to completion of slide repairs being done by others. See Coordination of Work with Others note.

SIGNS

Sign posts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. Contrary to section 112.04.02, only long-term signs (signs intended to be continuously in place for more than 3 days) will be measured for payment. Short-term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

TEMPORARY ENTRANCES/ACCESS TO PROPERTY

The Contractor will not be required to provide continuous access to farms, single family, and the Aqua Ramp during working hours; however, provide reasonable egress and ingress to each such property when actual operations are not in progress at that location. The time during which a farm or residential entrance is blocked shall be the minimum length of time required for actual operations, shall not be extended for the Contractor's convenience, and in no case shall exceed six (6) hours. Notify all residents twenty-four hours in advance of any driveway or entrance closings and make any accommodations necessary to meet the access needs of disabled residents.

Except as allowed by the Phasing as specified above, maintain direct access to all side streets and roads, schools, churches, commercial properties and apartments or apartment complexes of four or more units at all times.

Payment will be allowed at the unit price bid for all asphalt materials required to construct and maintain any temporary entrances which may be necessary to provide temporary access; however, no direct payment will be allowed for aggregates, excavation and/or embankment needed. The Engineer will determine the type of surfacing material, asphalt or aggregate, to be used at each entrance.

BARRICADES

Barricades used in lieu of barrels and cones for channelization or delineation will be incidental to Maintain and Control Traffic according to Section 112.04.01. Barricades used to protect pavement removal areas will be bid as each according to Section 112.04.04.

TRAFFIC COORDINATOR

Furnish a Traffic Coordinator as per Section 112 for unclassified project.

PAVEMENT MARKINGS

Coordinate the installation of all temporary and permanent striping with the Resident Engineer, and the TEBM for Traffic in the District. If there is a deviation from the existing striping plan, a striping plan for the pavement shall be provided to the Contractor prior to the installation of any temporary or permanent markings.

Do not install temporary pavement striping, permanent pavement striping, and/or thermoplastic or Durable Pavement markings without written permission from the Engineer.

Temporary Striping will be installed as per Section 112 with the following exceptions:

Temporary striping shall include striping of the edgelines.

Temporary or Permanent striping shall be in place before a lane is opened to traffic

If the Contractor's operations or phasing requires temporary markings that must be subsequently removed from the final surface course, an approved "Removable Lane Tape" shall be used. This removable lane tape will not be measured separately. The "removable lane tape", if used, will be measured and paid as temporary striping.

PAVEMENT EDGE DROP-OFFS

A pavement edge between opposing directions of traffic or lanes that traffic is expected to cross in a lane change situation shall not have an elevation difference greater than 1½". Warning signs (MUTCD W8-9 or W8-9A, or W8-11) shall be placed in advance of and at 1500' intervals throughout the drop-off area. Dual posting on both sides of the traveled way shall be required. All transverse transitions between the newly surfaced area and the existing surface areas that traffic may cross shall be wedged with asphalt mixture for leveling and wedging. The wedges shall be removed prior to placement of the final surface course.

Pavement edges that traffic is not expected to cross, except accidentally, shall be treated as follows:

Less than 2" - No protection required.

2" to 4" - Place plastic drums, vertical panels, or barricades every 50 feet. Cones may be used in place of plastic drums, panels, and barricades during daylight working hours only. Wedge with asphalt mixture for leveling and wedging with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

Greater than 4 inches - Drop-offs exceeding 4 inches will be allowed only during active operations during the interval between removal of shoulder/traffic islands/medians and the placement of the asphalt base courses in these areas. Place plastic drums, vertical panels or barricades every 40 feet. Drop-offs less than eight feet behind a lane or shoulder closure shall be protected by a asphalt wedge with 3:1 or flatter slope; the wedge shall be removed and the base course placed in the drop-off area as soon as possible.

In lieu of a wedge, drop-offs at lateral trenches may be covered by a 1" thick steel plate when work is not actively in progress at the pavement removal area; the plate shall be anchored to the pavement by any method approved by the Engineer that will prevent it being dislodged by accidental impact. If for any reason, it is necessary to excavate small areas, any holes adjacent to traffic where there exists a possibility that a vehicle may drop a wheel into the holes shall be filled with asphalt or plated. No direct payment will be made for the wedge or steel plates, but shall be incidental to other items of work.



EXISTING
FILL SLOPE or
DITCH FORESLOPE



1. DETAILS DO NOT APPLY TO OVERLAYS LESS THAN 1 INCH THICK.
2. THE DURABLE PAVEMENT EDGE DEVICE MAY BE DISENGAGED AT DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT, AS APPROVED BY THE ENGINEER.

DURABLE PAVEMENT EDGE DETAILS

SPECIAL NOTE FOR EROSION CONTROL

I. DESCRIPTION

Perform all erosion and water pollution control work in accordance with the Department's Standard and Interim Supplemental Specifications, Special Provisions and Special Notes, and Standard and Sepia Drawings, current editions, and as directed by the Engineer. Section references are to the Standard Specifications. This work shall consist of:

(1) Developing and preparing a Best Management Practices Plan (BMP) tailored to suit the specific construction phasing for each site within the project; (2) Preparing the project site for construction, including locating, furnishing, installing, and maintaining temporary and/or permanent erosion and water pollution control measures as required by the BMP prior to beginning any earth disturbing activity on the project site; (3) Clearing and grubbing and removal of all obstructions as required for construction; (4) Removing all erosion control devices when no longer needed; (5) Restoring all disturbed areas as nearly as possible to their original condition; (6) Preparing seedbeds and permanently seeding all disturbed areas; (7) Providing a Kentucky Erosion Prevention and Sediment Control Program (KEPSC-RI) qualified inspector; and (8) Performing any other work to prevent erosion and/or water pollution as specified by this contract, required by the BMP, or as directed by the Engineer.

II. MATERIALS

Furnish materials in accordance with these notes, the Standard Specifications and Interim Supplemental Specifications, and applicable Special Provisions and Special Notes, and Standard and Sepia Drawings, current editions. Provide for all materials to be sampled and tested in accordance with the Department's Sampling Manual. Unless directed otherwise by the Engineer, make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

III. CONSTRUCTION

Be advised, these Erosion Control Plan Notes do not constitute a BMP plan for the project. Jointly with the Engineer, prepare a site specific BMP plan for each drainage area within the project in accordance with Section 213. Provide a unique BMP at each project site using good engineering practices taking into account existing site conditions, the type of work to be performed, and the construction phasing, methods and techniques to be utilized to complete the work. Be responsible for all erosion prevention, sediment control, and water pollution prevention measures required by the BMP for each site. Represent and warrant compliance with the Clean Water Act (33 USC Section 1251 et seq.), the 404 Permit, the 401 Water Quality Certification, and applicable state and local government agency laws, regulations, rules, specifications, and permits. Contrary to Section 105.05, in case of discrepancy between theses notes, the Standard Specifications, Interim Supplemental Specifications, Special and Special Notes, Standard and Sepia Drawings, and such state and local government agency requirements, adhere to the most restrictive requirement.

Erosion Control

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Conduct operations in such a manner as to minimize the amount of disturbed ground during each phase of the construction and limit the haul roads to the minimum required to perform the work. Preserve existing vegetation not required to be removed by the work or the contract. Seed and/or mulch disturbed areas at the earliest opportunity. Use silt fence, silt traps, temporary ditches, brush barriers, erosion control blankets, sodding, channel lining, and other erosion control measures in a timely manner as required by the BMP and as directed or approved by the Engineer. Prevent sediment laden water from leaving the project, entering an existing drainage structure, or entering a stream.

Provide for erosion control measures to be in place and functioning prior to any earth disturbance within a drainage area. Compute the volume and size of silt control devices necessary to control sediment during each phase of construction. Remove sediment from silt traps before they become a maximum of ½ full. Maintain silt fence by removing accumulated trappings and/or replacing the geotextile fabric when it becomes clogged, damaged, or deteriorated, or when directed by the Engineer. Properly dispose of all materials trapped by erosion control devices at approved sites off the right of way obtained by the Contractor at no additional cost to the Department (See Special Note for Waste and Borrow).

As work progresses, add or remove erosion control measures as required by the BMP applicable to the Contractor's project phasing and construction methods and techniques. Update the volume calculations and modify the BMP as necessary throughout the duration of the project. Ensure that an updated BMP is kept on site and available for public inspection throughout the life of the project.

After all construction is complete, restore all disturbed areas in accordance with Section 212. Completely remove all temporary erosion control devices not required as part of the permanent erosion control from the construction site. Prior to removal, obtain the Engineer's concurrence of items to be removed. Grade the remaining exposed earth (both on and off the Right-of-Way) as nearly as possible to its original condition, or as directed by the Engineer. Prepare the seed bed areas and sow all exposed earthen areas with the applicable seed mixture(s) according to Section 212.03.03.

IV. MEASUREMENT

Erosion Control Blanket. If required by the BMP, the Department will measure Erosion Control Blanket according to Section 212.04.07.

Sodding. If required by the BMP, the Department will measure Sodding according to Section 212.04.08.

Channel Lining. If required by the BMP, the Department will measure Channel Lining according to Sections 703.04.04-703.04.07.

Erosion Control. Contrary to Sections 212.04, 213.04, and 703.04 other than Erosion Control Blankets, Sodding, and Channel Lining, the Department will measure Erosion Control as one lump sum. The Department will not measure developing, updating, and maintaining a BMP plan for each site; providing a KEPSC-RI qualified inspector; locating,

Erosion Control

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furnishing, installing, inspecting, maintaining, and removing erosion and water pollution control items; Roadway Excavation, Borrow Excavation, Embankment In Place, Topsoil Furnished and Placed, and Spreading Stockpiled Topsoil; Topdressing Fertilizer, Temporary and Permanent Seeding and Protection, Special Seeding Crown Vetch, and Temporary Mulch; Sedimentation Basin and Clean Sedimentation Basin, Silt Trap Type "A" and Clean Silt Trap Type "A"; Silt Trap Type "B" and Clean Silt Trap Type "B"; Silt Trap Type "C" and Clean Silt Trap Type "C"; Temporary Silt Fence and Clean Temporary Silt Fence; Plants, Vines, Shrubs, and Trees; Gabion and Dumped Stone Deflectors and Riffle Structures; Boulders; Temporary Ditches and clean Temporary Ditches; Geotextile Fabric, and all other erosion and water pollution control items required by the BMP or the Engineer, but shall be incidental to Erosion Control.

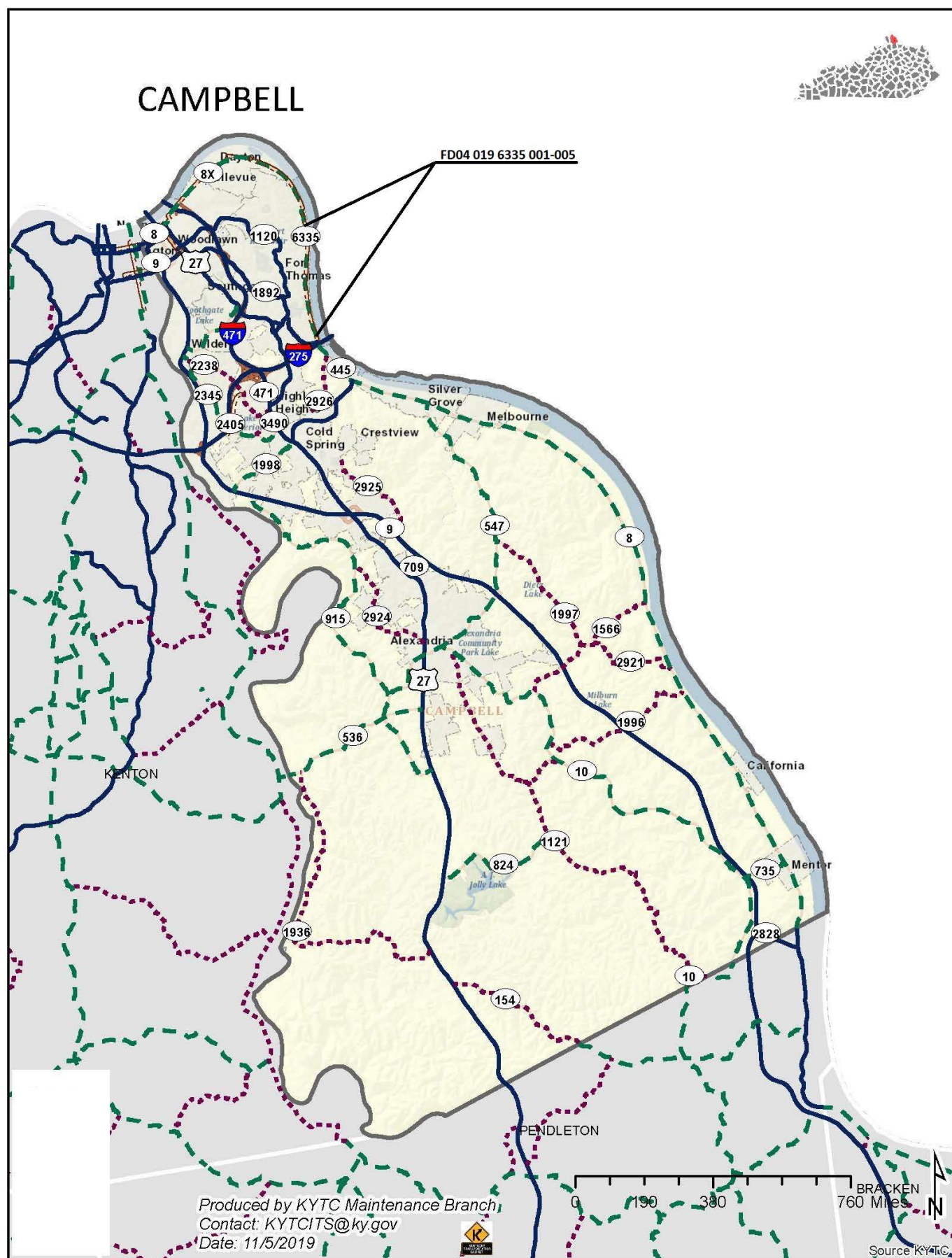
V. Basis of Payment

Erosion Control Blanket. If not listed as a bid item, but required by the BMP, the Department will pay for Erosion Control Blankets as Extra Work according to Sections 104.03 and 109.04.

Sodding. If not listed as a bid item, but required by the BMP, the Department will pay for Sodding as Extra Work according to Sections 104.03 and 109.04.

Channel Lining. If not listed as a bid item, but required by the BMP, the Department will pay for Channel Lining as Extra Work according to Sections 104.03 and 109.04.

Erosion Control. Contrary to Sections 212.05 and 213.05, other than Erosion Control Blanket, Sodding, and Channel Lining, payment at the Contract lump sum price for Erosion Control, shall be full compensation for all materials, equipment, labor and incidentals necessary to complete the erosion and water pollution control work as specified in these notes, Sections 212 and 213, the Supplemental Specifications, applicable Special Provisions and Special Notes, and Standard and Sepia Drawings, including but not limited to developing, updating, and maintaining a BMP plan for each site; providing a KEPSC-RI qualified inspector; locating, furnishing, installing, inspecting, maintaining, and removing erosion and water pollution control items; Roadway Excavation, Borrow Excavation, Embankment In Place, Topsoil Furnished and Placed, and Spreading Stockpiled Topsoil; Topdressing Fertilizer, Temporary and Permanent Seeding and Protection, Special Seeding Crown Vetch, and Temporary Mulch; Sedimentation Basin and Clean Sedimentation Basin, Silt Trap Type "A" and Clean Silt Trap Type "A"; Silt Trap Type "B" and Clean Silt Trap Type "B"; Silt Trap Type "C" and Clean Silt Trap Type "C"; Temporary Silt Fence and Clean Temporary Silt Fence; Plants, Vines, Shrubs, and Trees; Gabion and Dumped Stone Deflectors and Riffle Structures; Boulders; Temporary Ditches and clean Temporary Ditches; Geotextile Fabric and all other erosion and water pollution control items required by the BMP or the Engineer.

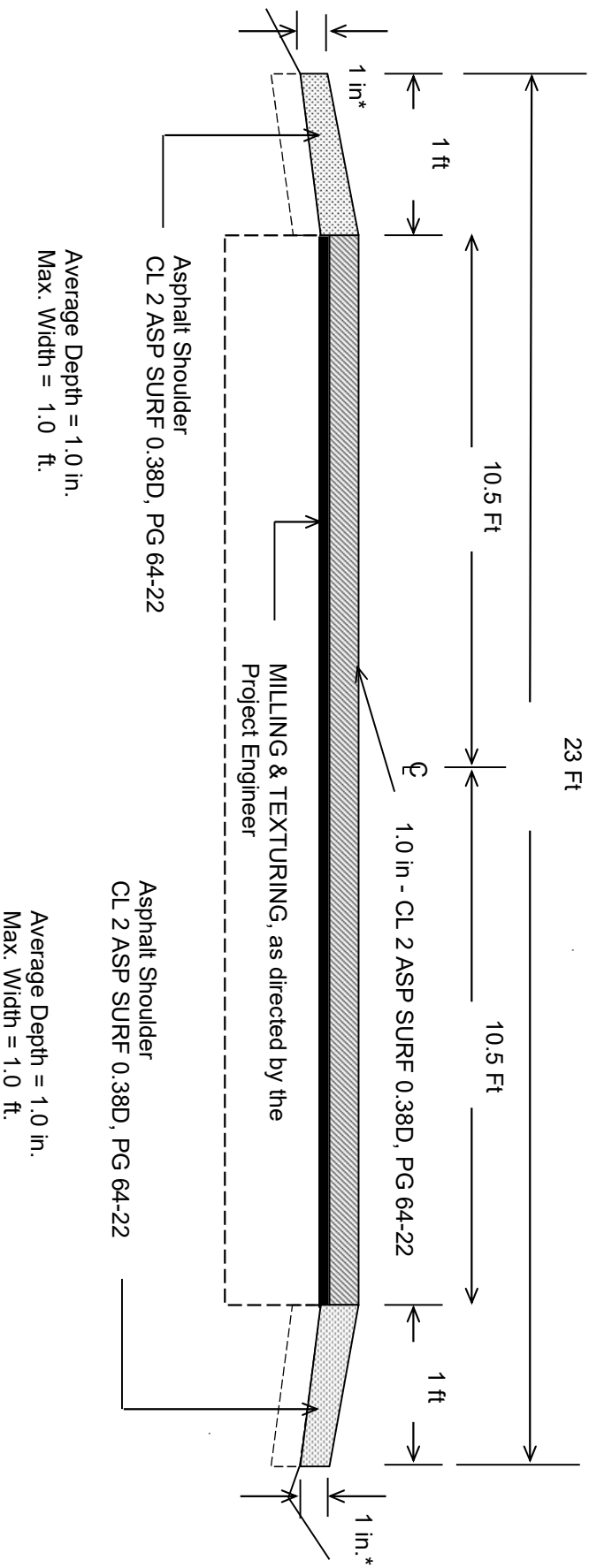


Type 1	9.000
Type 2A	0.000
Type 3	0.000
Type 4	0.000
Type 7	8.000
Terminal	3.000

Total	4140
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[illegible]

Campbell County
TYPICAL SECTION
FD04 019 6335 001-005
MP's 1.767 - 4.636



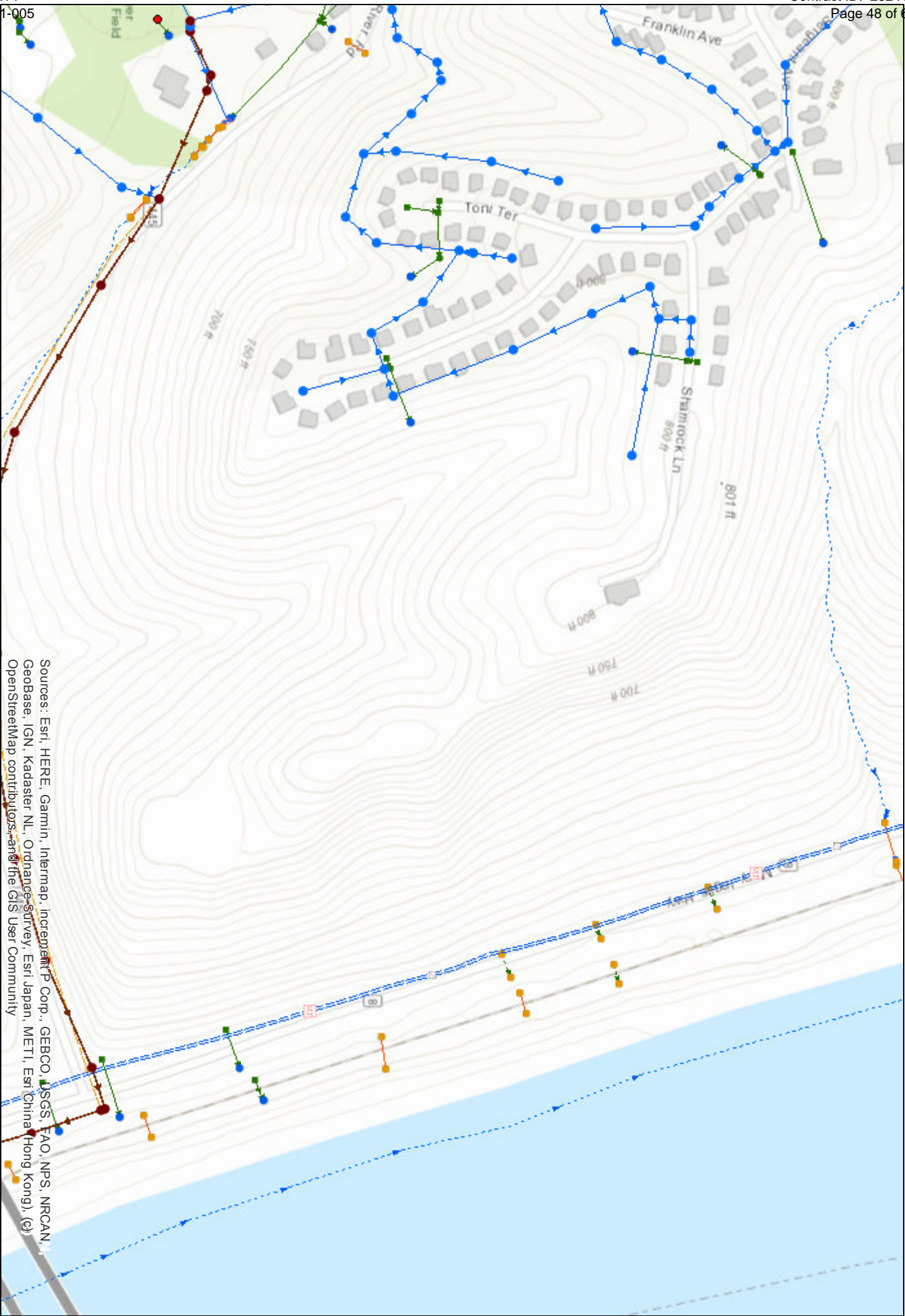
***Where Existing Site Conditions Permit**



SD1 Infrastructure Web Map Export

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, NGS, GEBCO, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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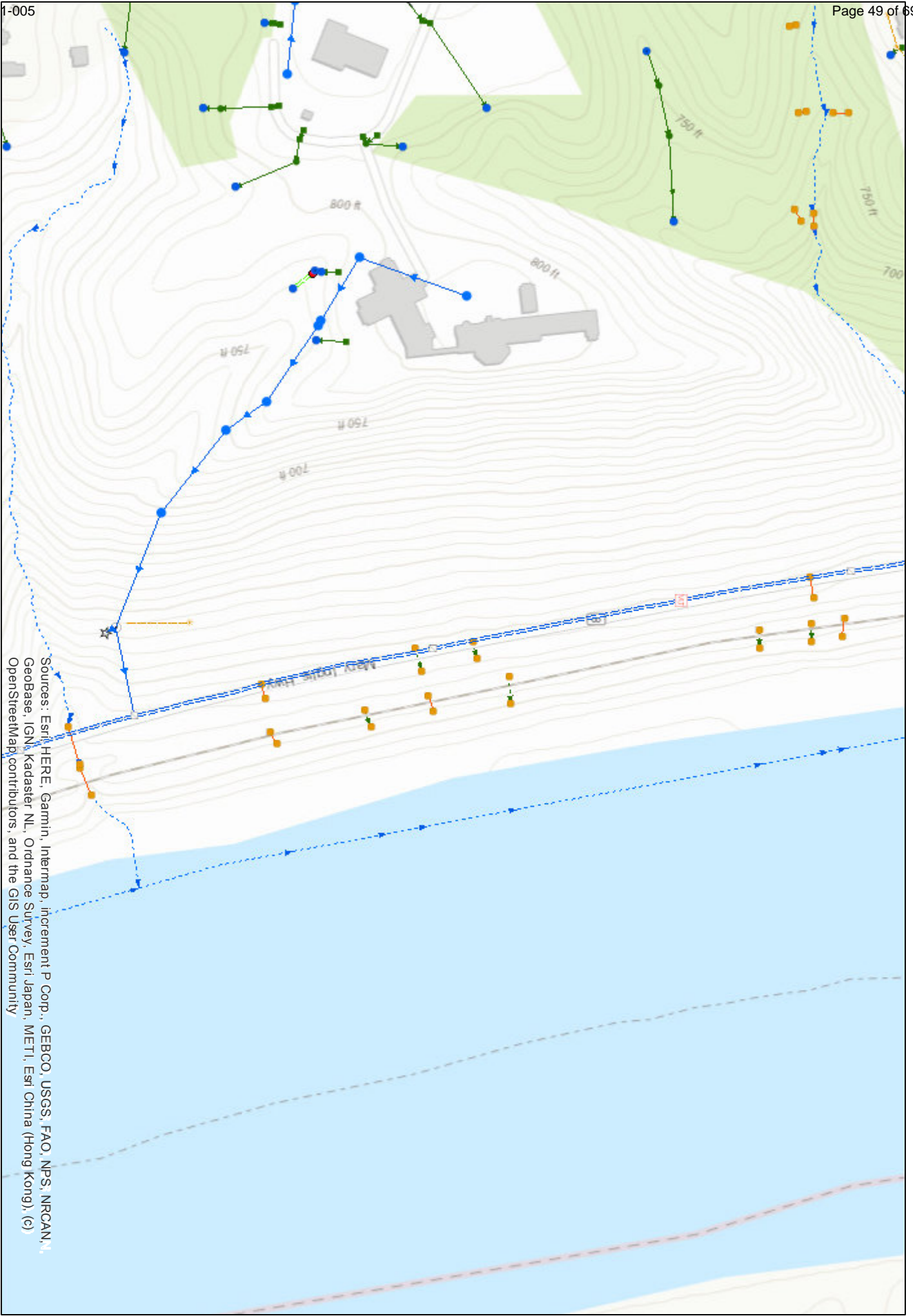




SD1 Infrastructure Web Map Export

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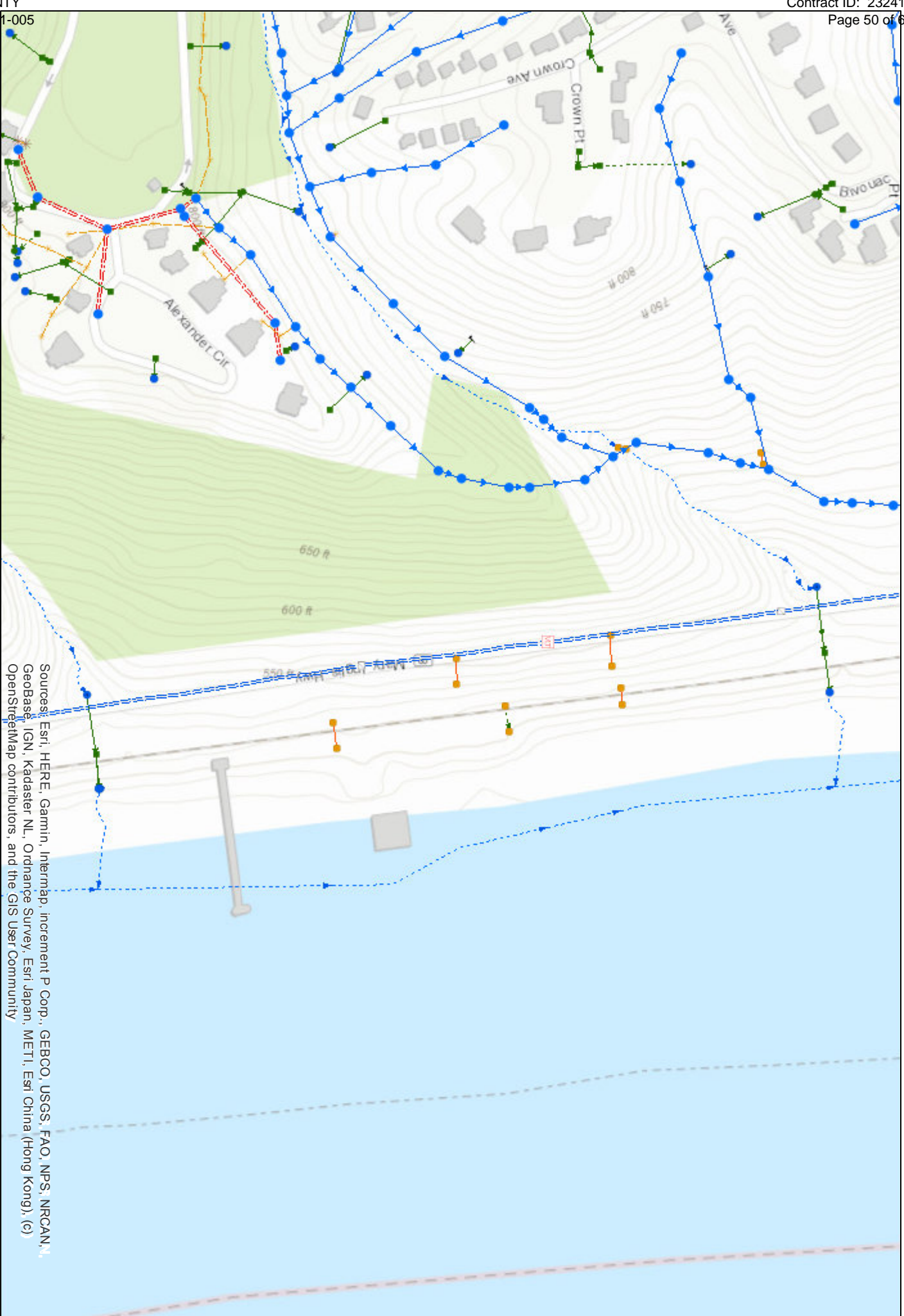




SD1 Infrastructure Web Map Export

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GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c)
OpenStreetMap contributors, and the GIS User Community

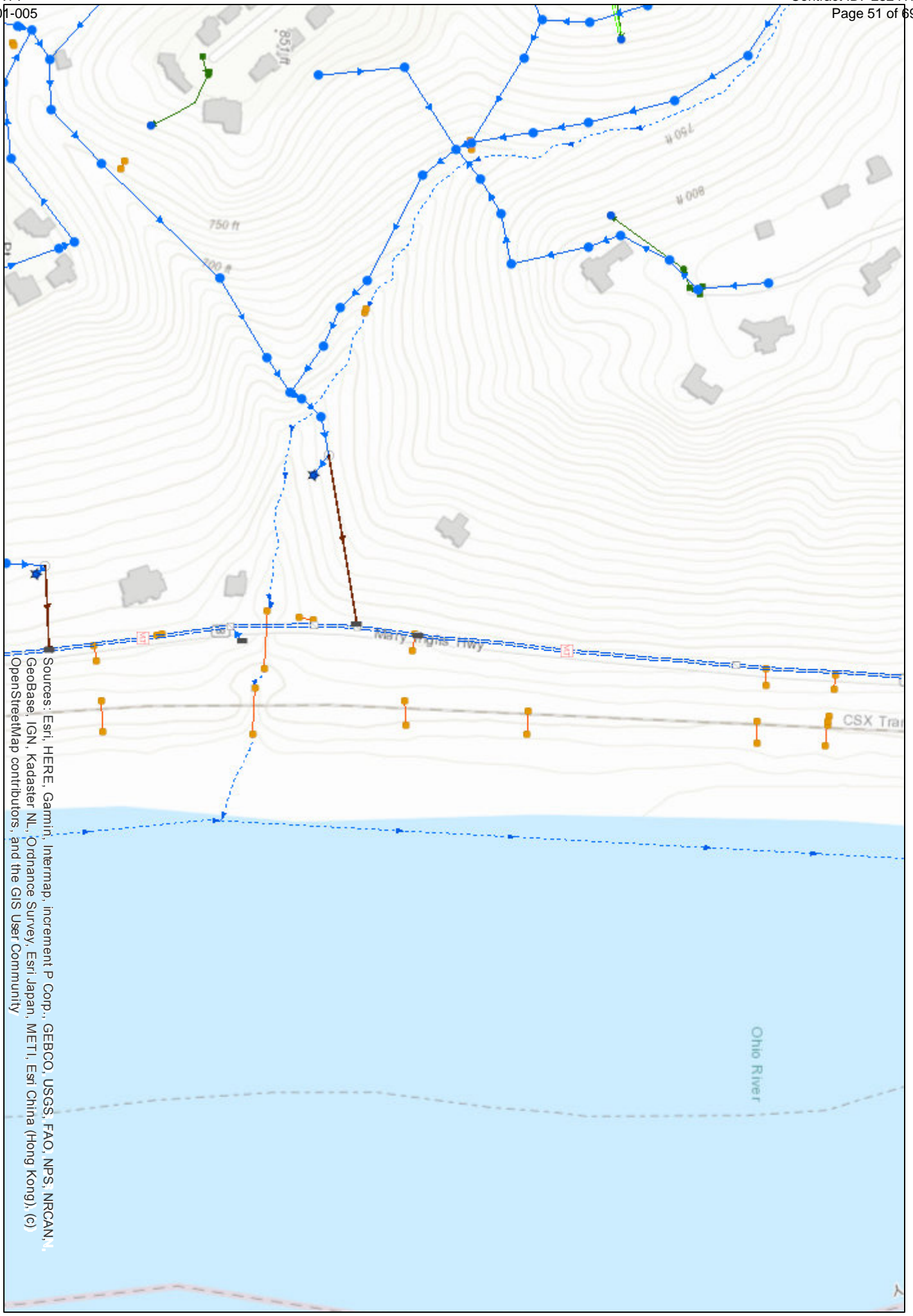
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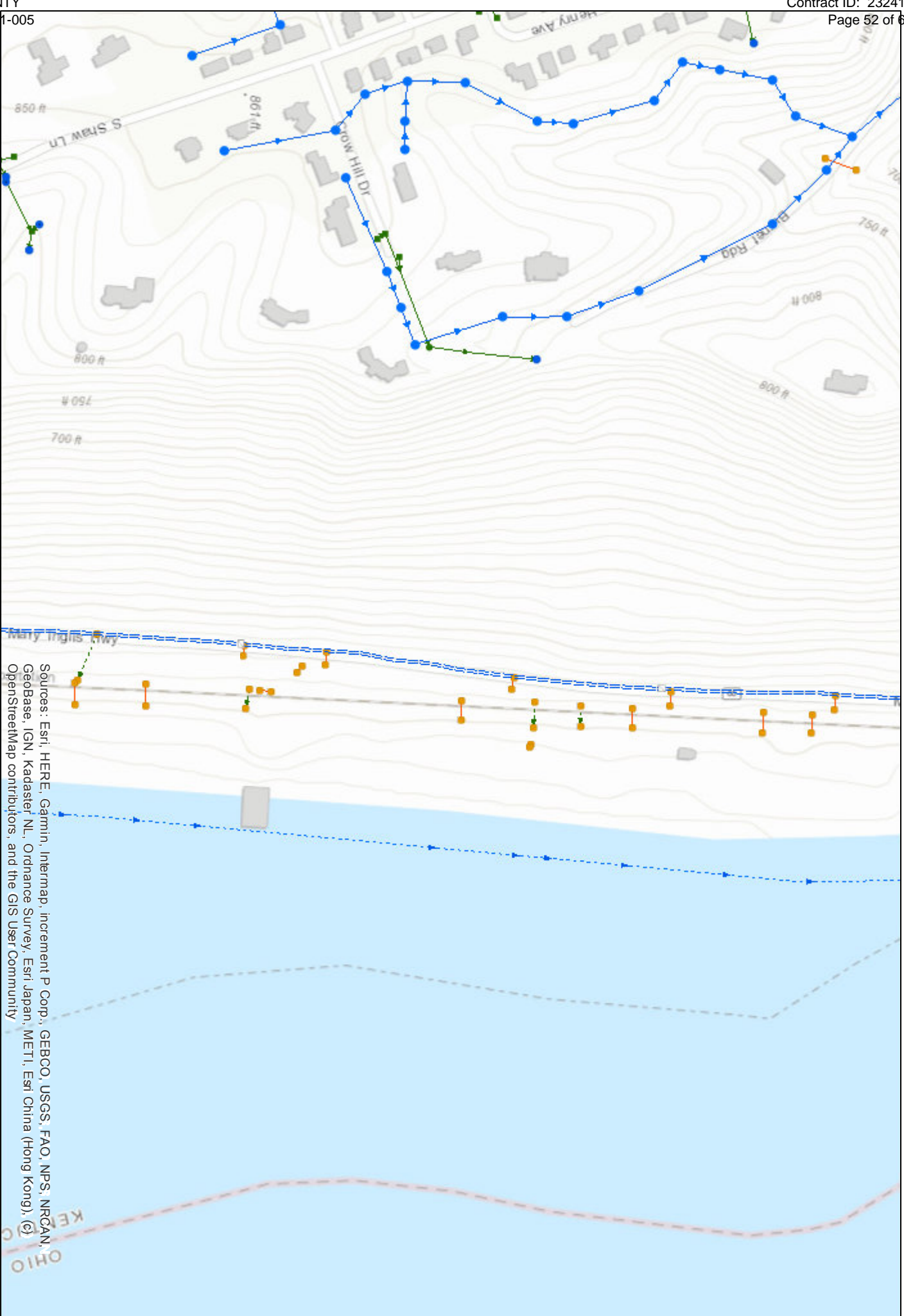


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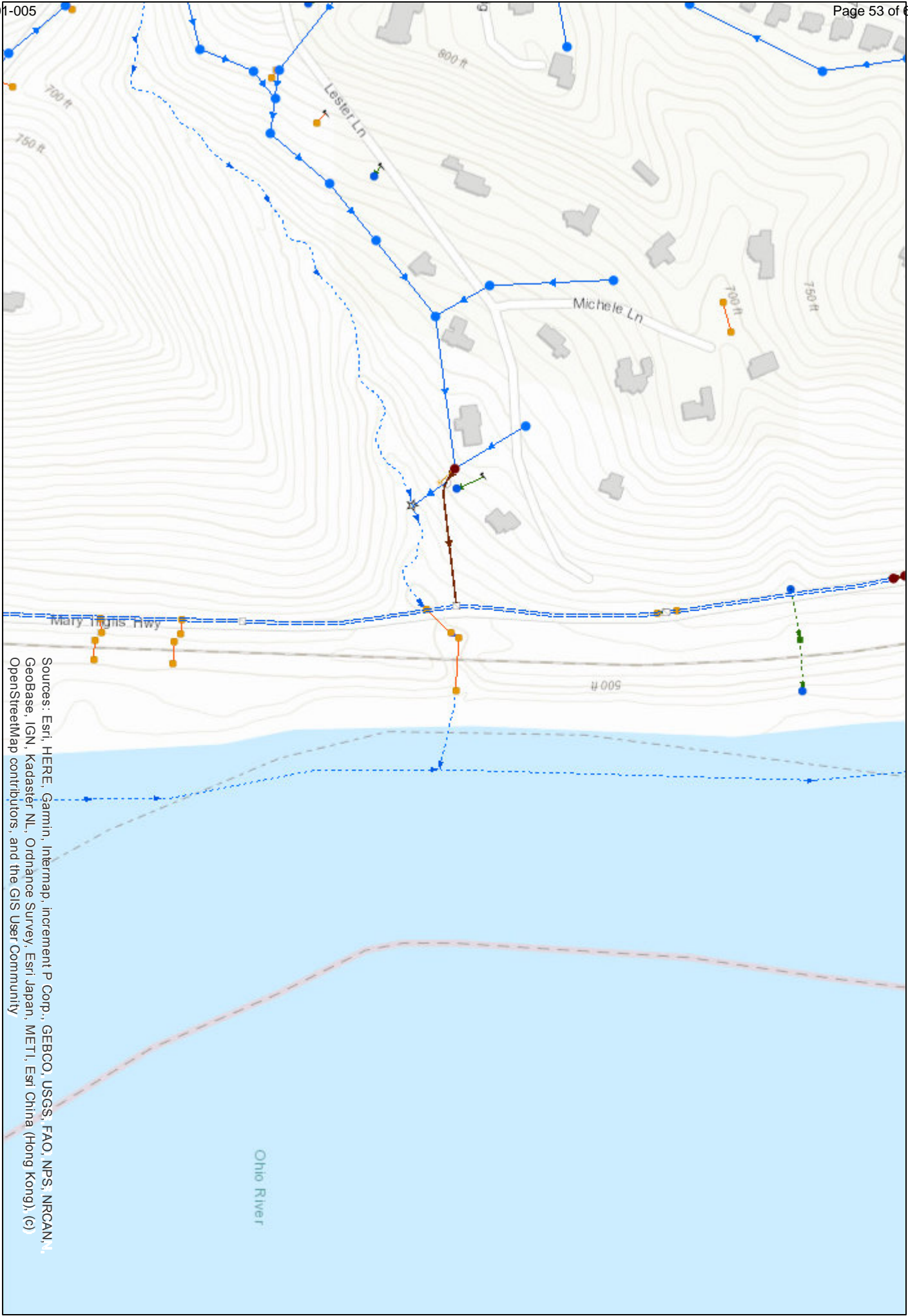
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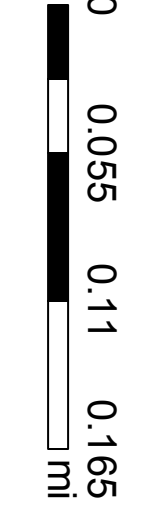


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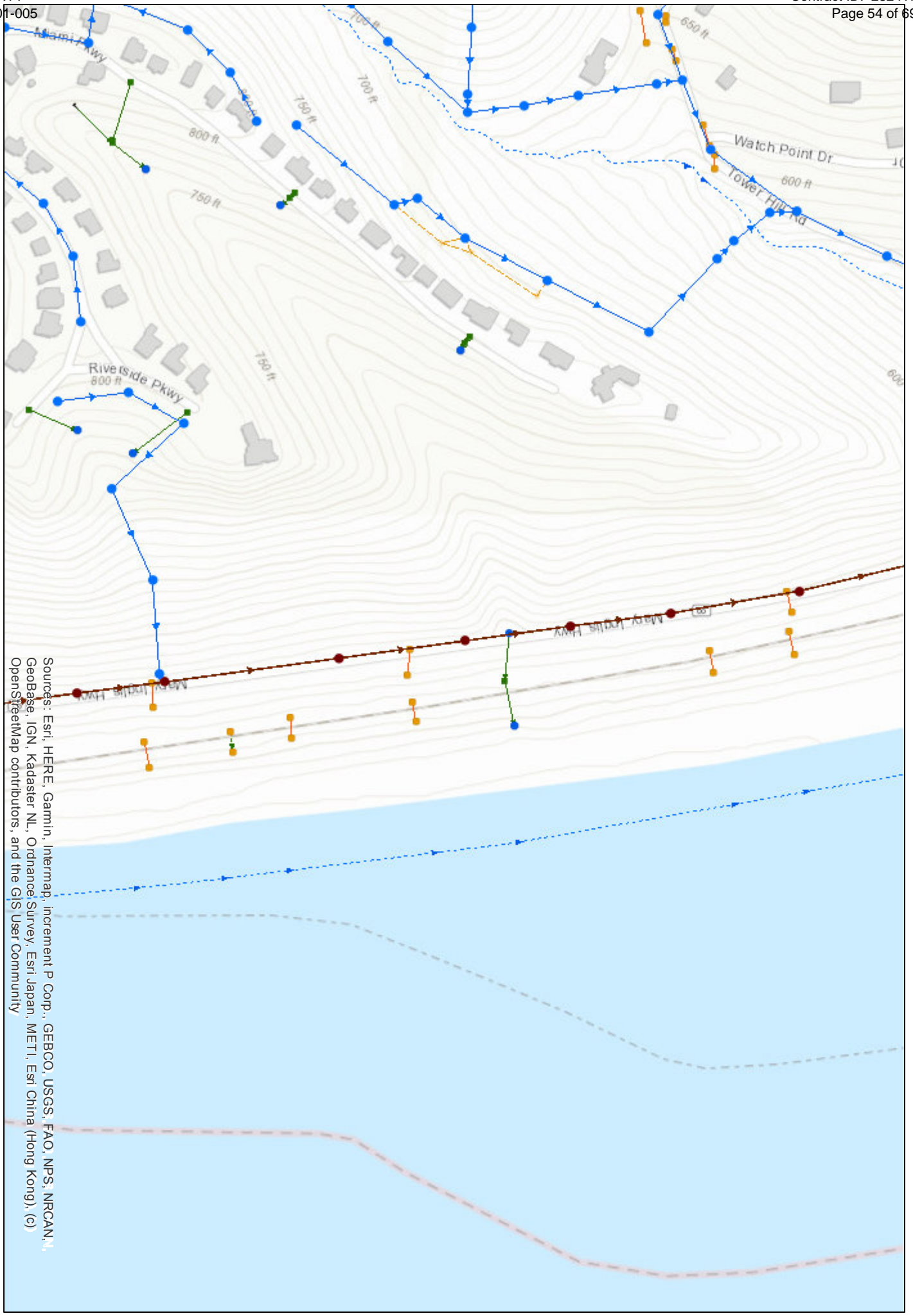
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SD1 Infrastructure
Web Map Export

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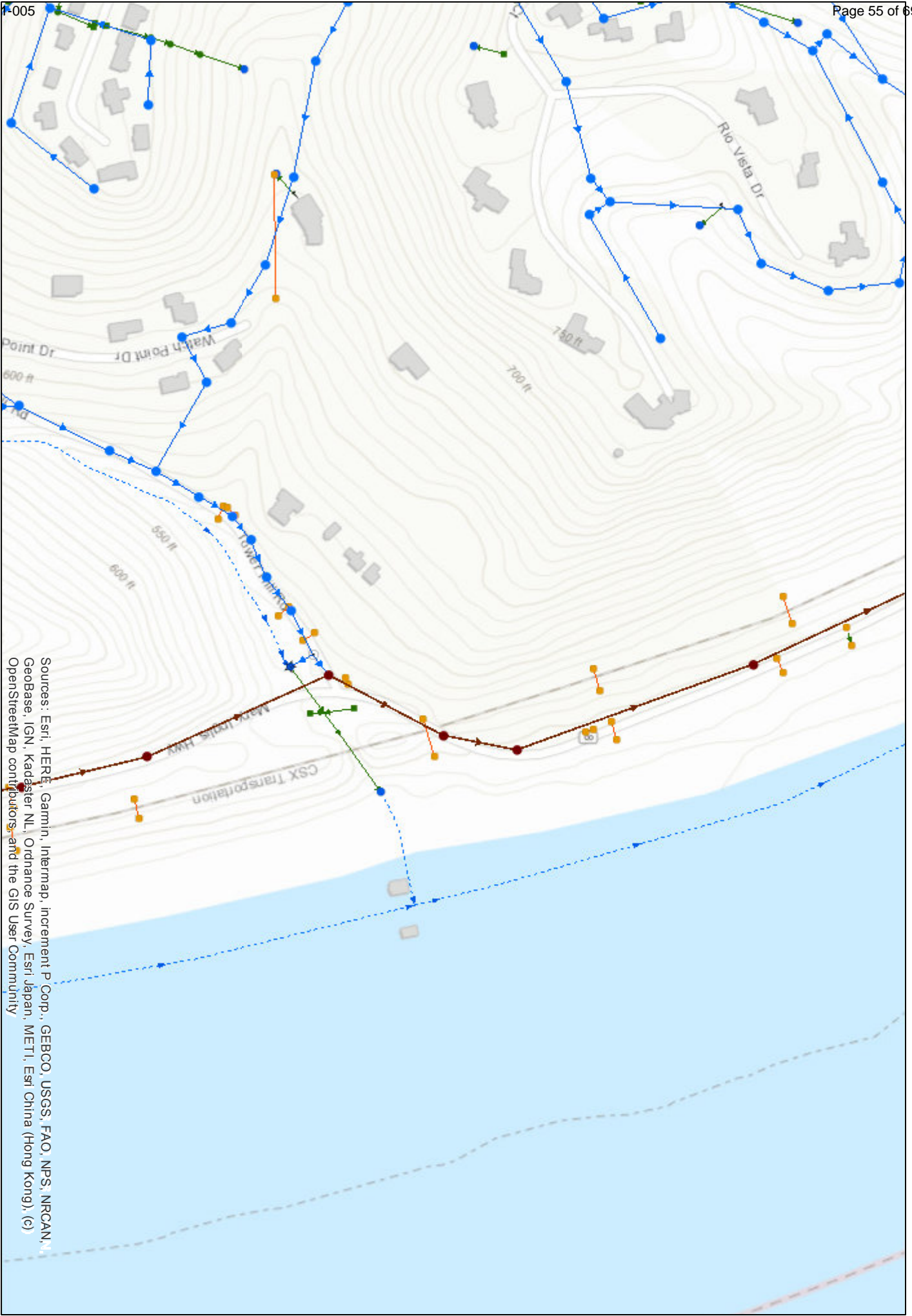
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Contract Id: _____ Contractor: _____

Section Engineer: _____ District & County: _____

DESCRIPTION	UNIT	QTY LEAVING PROJECT	QTY RECEIVED@BB YARD
GUARDRAIL (Includes End treatments & crash cushions)	LF	_____	_____
STEEL POSTS	EACH	_____	_____
STEEL BLOCKS	EACH	_____	_____
WOOD OFFSET BLOCKS	EACH	_____	_____
BACK UP PLATES	EACH	_____	_____
CRASH CUSHION	EACH	_____	_____
NUTS, BOLTS, WASHERS	BAG/BCKT	_____	_____
DAMAGED RAIL TO MAINT. FACILITY	LF	_____	_____
DAMAGED POSTS TO MAINT. FACILITY	EACH	_____	_____

***Required Signatures before Leaving Project Site**

Printed Section Engineer’s Representative_____ & Date_____

Signature Section Engineer’s Representative_____ & Date_____

Printed Contractor’s Representative_____ & Date_____

Signature Contractor’s Representative_____ & Date_____

***Required Signatures after Arrival at Bailey Bridge Yard (All material on truck must be counted & the quantity received column completed before signatures)**

Printed Bailey Bridge Yard Representative_____ & Date_____

Signature Bailey Bridge Yard Representative_____ & Date_____

Printed Contractor’s Representative_____ & Date_____

Signature Contractor’s Representative_____ & Date_____

**Payment for the bid item remove guardrail will be based upon the quantities shown in the Bailey Bridge Yard received column. Payment will not be made for guardrail removal until the guardrail verification sheets are electronically submitted to the Section Engineer by the Bailey Bridge Yard Representative.

PART II

SPECIFICATIONS AND STANDARD DRAWINGS

STANDARD SPECIFICATIONS

Any reference in the plans or proposal to previous editions of the *Standard Specifications for Road and Bridge Construction* and *Standard Drawings* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2019* and *Standard Drawings, Edition of 2020*.

SUPPLEMENTAL SPECIFICATIONS

The contractor shall use the Supplemental Specifications that are effective at the time of letting. The Supplemental Specifications can be found at the following link:
<http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx>

2020 KENTUCKY STANDARD DRAWINGS

TYPICAL GUARDRAIL INSTALLATIONS	RBI-001-12
TYPICAL GUARDRAIL INSTALLATIONS	RBI-002-07
INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1	RBI-004-06
STEEL BEAM GUARDRAIL (“W”-BEAM).....	RBR-001-13
GUARDRAIL COMPONENTS.....	RBR-005-11
GUARDRAIL TERMINAL SECTIONS	RBR-010-06
STEEL GUARDRAIL POSTS.....	RBR-015-06
GUARDRAIL END TREATMENT TYPE 1	RBR-020-07
GUARDRAIL END TREATMENT TYPE 3	RBR-030-05
GUARDRAIL END TREATMENT TYPE 7	RBR-050-08
GUARDRAIL END TREATMENT TYPE 7 ALTERNATE ANCHOR	RBR-051-01
DELINEATORS FOR GUARDRAIL.....	RBR-055-01
CHANNEL LINING CLASS II AND III.....	RDD-040-05
FOR ALL PIPE AND BOX CULVERT HEADWALLS (RDH SERIES) SEE HEADWALL SUPPLEMENT	
CULVERT, ENTRANCE & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-001-10
CULVERT, ENTRANCE & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-002-05
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-003-05
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-004-04
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-005-04
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-006-04
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-007-04
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-008-04
CULVERT, ENTRANCE & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-011-03
CULVERT & STORM SEWER PIPE TYPES & COVER HEIGHTS.....	RDI-012-03
NON-CIRCULAR PIPE ALTERNATES	RDI-016-03
PIPE BEDDING FOR CULVERTS, ENTRANCE AND STORM SEWER PIPE.....	RDI-020-10
PIPE BEDDING FOR CULVERTS, ENTRANCE AND STORM SEWER REINFORCED CONC.PIPE.....	RDI-021-01
PIPE BEDDING, TRENCH CONDITION.....	RDI-025-06
EROSION CONTROL BLANKET SLOPE INSTALLATION.....	RDI-040-01
EROSION CONTROL BLANKET CHANNEL INSTALLATION.....	RDI-041-01
TEMPORARY SILT FENCE.....	RDX-210-03
TEMPORARY SILT FENCE WITH WOVEN WIRE FENCE FABRIC	RDX-215-01
SILT TRAP - TYPE A.....	RDX-220-05
SILT TRAP - TYPE B.....	RDX-225-01
SILT TRAP - TYPE C.....	RDX-230-01
CURVE WIDENING AND SUPERELEVATION TRANSITIONS	RGS-001-07
SUPERELEVATION FOR MULTILANE PAVEMENT	RGS-002-06
MISCELLANEOUS STANDARDS.....	RGX-001-06
APPROACHES, ENTRANCES, AND MAIL BOX TURNOUT	RPM-110-07
PAVEMENT STRIPING DETAILS FOR TWO LANE TWO WAY ROADWAYS	TPM-175
LANE CLOSURE TWO-LANE HIGHWAY	TTC-100-05
LANE CLOSURE USING TRAFFIC SIGNALS.....	TTC-110-04
SHOULDER CLOSURE	TTC-135-03
MEDIAN CROSSOVER CASE I.....	TTC-140-04
AUTOMATIC FLAGGING ASSISTANCE DEVICES	TTC-165
PAVEMENT CONDITION WARNING SIGNS.....	TTD-125-06
MOBILE OPERATION FOR PAINT STRIPING CASE I	TTS-100-02
MOBILE OPERATION FOR PAINT STRIPING CASE II.....	TTS-105-02
SHOULDER & EDGELINE RUMBLE STRIPS PLACEMENT DETAILS	TPR-115
EDGELINE RUMBLE STRIP DETAILS TWO LANE ROADWAYS	TPR-120

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

**TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS**

**LABOR AND WAGE REQUIREMENTS
APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS**

- I. Application
- II. Nondiscrimination of Employees (KRS 344)

I. APPLICATION

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.

3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual because of his race, color, religion, national origin, sex, disability or age forty (40) and over, in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

Revised: January 25, 2017

II. NONDISCRIMINATION OF EMPLOYEES

**AN ACT OF THE KENTUCKY
GENERAL ASSEMBLY TO PREVENT
DISCRIMINATION IN EMPLOYMENT
KRS CHAPTER 344
EFFECTIVE JUNE 16, 1972**

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (forty and above); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age forty (40) and over. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, except that such a notice or advertisement may indicate a preference, limitation, or specification based on religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, when religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, is a bona fide occupational qualification for employment.

EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (7) provides:

No present or former public servant shall, within six (6) months following termination of his office or employment, accept employment, compensation, or other economic benefit from any person or business that contracts or does business with, or is regulated by, the state in matters in which he was directly involved during the last thirty-six (36) months of his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, or for which he received, prior to his state employment, a professional degree or license, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved during the last thirty-six (36) months of his tenure in state government. This subsection shall not prohibit the performance of ministerial functions, including but not limited to filing tax returns, filing applications for permits or licenses, or filing incorporation papers, nor shall it prohibit the former officer or public servant from receiving public funds disbursed through entitlement programs.

KRS 11A.040 (9) states:

A former public servant shall not represent a person or business before a state agency in a matter in which the former public servant was directly involved during the last thirty-six (36) months of his tenure, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, 1025 Capital Center Drive, Suite 104, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: May 23, 2022

Kentucky Equal Employment Opportunity Act of 1978

The requirements of the Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) shall apply to this Contract. The apparent low Bidder will be required to submit EEO forms to the Division of Construction Procurement, which will then forward to the Finance and Administration Cabinet for review and approval. No award will become effective until all forms are submitted and EEO/CC has certified compliance. The required EEO forms are as follows:

- EEO-1: Employer Information Report
- Affidavit of Intent to Comply
- Employee Data Sheet
- Subcontractor Report

These forms are available on the Finance and Administration's web page under ***Vendor Information, Standard Attachments and General Terms*** at the following address:
<https://www.eProcurement.ky.gov>.

Bidders currently certified as being in compliance by the Finance and Administration Cabinet may submit a copy of their approval letter in lieu of the referenced EEO forms.

For questions or assistance please contact the Finance and Administration Cabinet by email at **finance.contractcompliance@ky.gov** or by phone at 502-564-2874.

EMPLOYEE RIGHTS UNDER THE FAIR LABOR STANDARDS ACT

THE UNITED STATES DEPARTMENT OF LABOR WAGE AND HOUR DIVISION

FEDERAL MINIMUM WAGE

\$7.25 PER HOUR

BEGINNING JULY 24, 2009

- OVERTIME PAY

At least 1½ times your regular rate of pay for all hours worked over 40 in a workweek.
- CHILD LABOR

An employee must be at least **16** years old to work in most non-farm jobs and at least **18** to work in non-farm jobs declared hazardous by the Secretary of Labor.

Youths **14** and **15** years old may work outside school hours in various non-manufacturing, non-mining, non-hazardous jobs under the following conditions:

No more than

 - **3** hours on a school day or **18** hours in a school week;
 - **8** hours on a non-school day or **40** hours in a non-school week.

Also, work may not begin before **7 a.m.** or end after **7 p.m.**, except from June 1 through Labor Day, when evening hours are extended to **9 p.m.** Different rules apply in agricultural employment.
- TIP CREDIT

Employers of “tipped employees” must pay a cash wage of at least \$2.13 per hour if they claim a tip credit against their minimum wage obligation. If an employee’s tips combined with the employer’s cash wage of at least \$2.13 per hour do not equal the minimum hourly wage, the employer must make up the difference. Certain other conditions must also be met.
- ENFORCEMENT

The Department of Labor may recover back wages either administratively or through court action, for the employees that have been underpaid in violation of the law. Violations may result in civil or criminal action.

Employers may be assessed civil money penalties of up to \$1,100 for each willful or repeated violation of the minimum wage or overtime pay provisions of the law and up to \$11,000 for each employee who is the subject of a violation of the Act’s child labor provisions. In addition, a civil money penalty of up to \$50,000 may be assessed for each child labor violation that causes the death or serious injury of any minor employee, and such assessments may be doubled, up to \$100,000, when the violations are determined to be willful or repeated. The law also prohibits discriminating against or discharging workers who file a complaint or participate in any proceeding under the Act.
- ADDITIONAL INFORMATION

- Certain occupations and establishments are exempt from the minimum wage and/or overtime pay provisions.
 - Special provisions apply to workers in American Samoa and the Commonwealth of the Northern Mariana Islands.
 - Some state laws provide greater employee protections; employers must comply with both.
 - The law requires employers to display this poster where employees can readily see it.
 - Employees under 20 years of age may be paid \$4.25 per hour during their first 90 consecutive calendar days of employment with an employer.
 - Certain full-time students, student learners, apprentices, and workers with disabilities may be paid less than the minimum wage under special certificates issued by the Department of Labor.



For additional information:

1-866-4-USWAGE
(1-866-487-9243) TTY: 1-877-889-5627

WWW.WAGEHOUR.DOL.GOV



U.S. Wage and Hour Division

PART IV

INSURANCE

Refer to
Kentucky Standard Specifications for Road and Bridge Construction,
current edition

PART V

BID ITEMS

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	220.00	TON		\$	
0020	00301		CL2 ASPH SURF 0.38D PG64-22	2,230.00	TON		\$	
0030	00356		ASPHALT MATERIAL FOR TACK	23.00	TON		\$	
0040	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0050	02677		ASPHALT PAVE MILLING & TEXTURING	3,752.00	TON		\$	
0060	03240		BASE FAILURE REPAIR	4,140.00	SQYD		\$	
0070	06515		PAVE STRIPING-PERM PAINT-6 IN	60,600.00	LF		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0080	00212		CL2 ASPH BASE 1.00D PG64-22	400.00	TON		\$	
0090	02545		CLEARING AND GRUBBING (VARIOUS)	1.00	LS		\$	
0100	02562		TEMPORARY SIGNS	190.00	SQFT		\$	
0110	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0120	02726		STAKING	1.00	LS		\$	
0130	03269		TRIM & REMOVE TREES & BRUSH	7,500.00	LF		\$	
0140	03271		TREE TRIMMING	8,500.00	LF		\$	
0150	21415ND		EROSION CONTROL	1.00	LS		\$	
0160	21554EN		EXCAVATION	3,000.00	CUYD		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0170	00462		CULVERT PIPE-18 IN	480.00	LF		\$	
0180	00464		CULVERT PIPE-24 IN	260.00	LF		\$	
0190	00503		CULVERT PIPE-72 IN EQUIV	120.00	LF		\$	
0200	01204		PIPE CULVERT HEADWALL-18 IN	13.00	EACH		\$	
0210	01208		PIPE CULVERT HEADWALL-24 IN	4.00	EACH		\$	
0220	02483		CHANNEL LINING CLASS II	1,500.00	TON		\$	
0230	02575		DITCHING AND SHOULDERING	15,000.00	LF		\$	
0240	03262		CLEAN PIPE STRUCTURE	3.00	EACH		\$	

Section: 0004 - GUARDRAIL

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0250	02351		GUARDRAIL-STEEL W BEAM-S FACE	11,575.00	LF		\$	
0260	02367		GUARDRAIL END TREATMENT TYPE 1	9.00	EACH		\$	
0270	02371		GUARDRAIL END TREATMENT TYPE 7	8.00	EACH		\$	
0280	02381		REMOVE GUARDRAIL	11,112.50	LF		\$	

Section: 0005 - DEMOLITION

Report Date 8/1/23

Section: 0005 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0290	02568		MOBILIZATION	1.00	LS		\$	
0300	02569		DEMOBILIZATION	1.00	LS		\$	