

Project Number: 250425

PID #: 82382

Contract ID: CUY82382

DBE Goal: 8.0%

Cuyahoga

IR 90-16.28 CCG3A

E070(586)

MAJOR RECONSTRUCTION

Percentage of project Bidder must possess Work Types, and Perform Work: 50

THE 2023 CONSTRUCTION AND MATERIAL SPECIFICATION BOOK IS PART OF THE
BIDDING DOCUMENTS ON THIS PROJECT

PROPOSAL

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

Pamela Boratyn, Director

October 30, 2025

Submitted by _____

Bidder Id _____

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PN 019 – 12/04/2024 - PREPARATION OF PROPOSAL

ELECTRONIC BIDDING REQUIREMENTS

The Department uses the Bid Express website (<http://www.bidx.com>) as an official repository for electronic bid submittal. Bidders must prepare their bids electronically using Project Bids and submitted via Bid Express.

The Department will not accept handwritten bids or bids generated electronically from software other than that used and supplied by the Department. All handwritten bids and bids generated electronically from software other than that used and supplied by the Department shall be considered non-responsive and ineligible for award. The Department will only accept and consider bids that have been produced using Project Bids and submitted via Bid Express.

The Department's Office of Contracts will provide planholders with a proposal, plan set and any required addenda. Most addenda will not be provided by hard copy, but will be available on the Office of Contracts website at: <http://contracts.dot.state.oh.us>. Planholders will be notified of all addenda via email. All proposals, plans, Project Bids (EBSX) files and addenda are also available on the Office of Contracts web site.

Electronic bids must comply with all special provisions, the Construction and Material Specifications, Supplemental Specifications and the rules and regulations of the Ohio Department of Transportation regarding bid preparation and bid submittal.

Blank unit prices will be considered an invalid bid EXCEPT in the case of optional designs (projects where the bidder is required to bid on only one design). Unit prices of zero are not permitted at any time.

Addenda and/or amendments must be acknowledged in the Bid Acknowledgement section of the Project Bids (EBSX) file in order for your bid to be considered for award of this project. The section contains the certification of receipt of all hard copy proposals, addenda, amendments, plans, standard specifications and supplemental specifications. Supplemental Questionnaire information regarding the bidder's outstanding ODOT and non-ODOT work have also been included in this section. Bid Express will not accept bids that do not have amendments incorporated. Failure to incorporate changed quantities or items in your Project Bids (EBSX) submissions will result in the rejection of your bid.

Bidder data required under 49 CFR § 26.11 must be obtained for all DBEs and non-DBEs, who bid as prime contractors and subcontractors on each federally assisted contract. Information collected must be submitted with bids and incorporated into the Project Bids/Bidders List tab. The Bidders List Template (Excel file) must be downloaded from our website, the link can be found on the Bidders List tab in Project Bids. This file will be filled out and submitted with the bid on Bidx. Failure to submit the required Bidders List information may result in rejection of the bid.

Each bidder is required to file with his bid a certified check or cashier's check for an amount equal to five percent (5%) of its bid, but in no event more than fifty thousand dollars, or a bid bond for ten percent (10%) of its bid payable to the "Director of Transportation." Electronic bid bonds will be verified upon submission of bids through Bid Express. Bidders must obtain and verify a Bond ID number from the surety. This Bond ID must be entered in the "Bond ID Number" field in the Bid Bond Section of the Project Bids file.

If the contractor chooses to submit a certified check to guaranty its bid, the Department's Office of Contracts will accept a check up to 72 hours in advance of the letting. The Office of Contracts must

receive the certified check by 10:00 a.m. on the day the project sells. All checks must be sent to ODOT, Office of Contracts, Attention: Letting Manager, First Floor, 1980 W. Broad St., Columbus, Ohio 43223.

The successful bidder must furnish a performance bond and a payment bond in an amount equal to one hundred percent (100%) of the awarded contract amount. (Ohio Revised Code Section 5525.16)

Any bid received after 10:00 a.m. on the scheduled day of opening will receive no further consideration for award. The Department will not be responsible for a late bid due to failure of the bidder to allow sufficient time for delivery of the bid.

The Department will ensure that this electronic bid depository is available for a two-hour period prior to the deadline for submission of bids. In the case of disruption of national communications or loss of services by <http://www.bidx.com> during this two-hour period, the Department will delay the deadline for bid submissions to ensure the ability of potential bidders to submit bids. If this occurs, instructions will be communicated to potential bidders.

PN 007 – 04/11/2025 – DISADVANTAGED BUSINESS ENTERPRISE (DBE) TRUCKING; DBE SUPPLIERS

COUNTING DBE TRUCKING TOWARDS DBE CONTRACT GOALS

The Apparent Low Bidder/Awarded Contractor may meet a Disadvantaged Business Enterprise (DBE) contract goal using DBE trucking firms, but only when such firms perform a commercially useful function (CUF). The Bidder/Apparent Low Bidder/Awarded Contractor must not include a DBE trucking firm on its DBE Utilization Plan if it is aware that the firm will not be performing a CUF. Even if a DBE trucking firm will be performing a CUF, the dollar amount of trucking services it provides may not be fully countable towards the DBE contract goal. When including a DBE trucking firm that will be performing a CUF on its DBE Utilization Plan, the Bidder/Apparent Low Bidder/Awarded Contractor must only include the portion of the dollar amount of which it is aware will count towards the DBE contract goal.

The Apparent Low Bidder/Awarded Contractor is responsible for performing any Good Faith Efforts (GFEs) that may be necessary if it includes, in good faith, a DBE trucking firm on its DBE Utilization Plan and the Apparent Low Bidder/Awarded Contractor becomes aware (or is made aware) that the DBE trucking firm is not performing a CUF or that the trucking services provided by the DBE trucking firm are not countable to the extent previously believed.

A DBE trucking firm performs a CUF *only when*:

- It provided the Bidder/Apparent Low Bidder/Awarded Contractor with a quote. The DBE trucking firm must be given the opportunity to negotiate its rates.
- It is responsible for the management and supervision of its entire trucking operation, including any valid arrangement(s) (as described below) in which its services are countable towards the DBE contract goal. The extent of the DBE trucking firm's management and supervision are considered on a case-by-case basis. The existence of a contract between the Awarded Contractor and the DBE trucking firm is not in and of itself an indicator that the DBE trucking firm is performing a CUF, especially if the contract exists for the mere purpose of creating the appearance of DBE participation.

- It must own and operate at least one fully licensed, properly insured, and operational truck used on the contract.

When a DBE trucking firm performs a CUF, the dollar amount of trucking services it provides counts towards the DBE contract goal *only in instances meeting at least one of the following criteria:*

- It provides trucking services using trucks it owns, properly insures, and operates using drivers it employs (i.e., that are not 1099 “employees”/independent contractors).
- It provides trucking services with trucks that are leased on a long-term basis (i.e., one year or more) from a non-DBE truck leasing company, properly insured, and operated by drivers it employs.

The dollar amount of trucking services provided using leased trucks will only be countable in cases where all the following circumstances apply:

- The DBE trucking firm’s lease indicates that the DBE trucking firm has exclusive use of and control over the leased truck(s), including responsibility for maintenance and insurance. This does not preclude the leased truck(s) from working for others during the term of the lease with the DBE trucking firm’s consent, as long as the lease gives the DBE trucking firm absolute priority for use of the leased truck(s).
- The leased trucks display the DBE trucking firm’s name and federal identification number.
- The leased truck(s), when onsite, carry a copy of the lease agreement.

DBE TRUCKING DISCLOSURE AFFIDAVITS

In order to ensure that Prime Contractors are monitoring DBE trucking/hauling operations on projects with federal funding, prime contractors must complete monthly DBE Trucking Disclosure Affidavits (“Affidavits”). An Affidavit must be completed for all DBE trucking/hauling operations, regardless of whether the work is counting towards a DBE contract goal. The Affidavit will be completed by the Prime Contractor and emailed to the District Contractor Compliance Officer (CCO) by the 10th of each month. This information will be used to affirm DBE and non-DBE trucking utilized by each DBE firm performing those duties during the previous month.

ODOT will monitor trucking with the following requirements for all ODOT-let projects:

1. Prime Contractors will be required to provide a master list of trucks for all anticipated DBE trucking firms to the CCO within seven (7) days of the Pre-Construction Meeting.

Note: If no DBE trucking is anticipated on a project, the Prime will complete the “No Anticipated DBE Trucking Affidavit” and submit it to the CCO within seven (7) days of the Pre-Construction Meeting. If DBE trucking/hauling does occur, the Prime must notify the CCO within seven (7) days of the DBE trucking activity. The Prime will then complete the monthly Affidavits as required below.

2. The CCO will email the Affidavit to the Prime, along with the Pre-Construction documentation. Prime Contractors will be required to complete the Affidavit disclosing the DBE trucking operations during the previous month. The Prime will return the Affidavit by the 10th day of each month (if the 10th day falls on a weekend, the deadline moves to the following Monday).

They will select one of the following options on the Affidavit:

- The DBE firm performed trucking by utilizing their own equipment and workforce and/or work was subcontracted to another DBE (i.e. only trucking that can be counted for DBE participation was utilized).

Note: No other information is required. The Prime will sign and submit the Affidavit.

- The DBE firm utilized DBE & Non-DBE trucking.

Note: If selected, the Prime will provide a list of Non-DBE trucking that was utilized (i.e., not all trucking will earn DBE credit).

- No trucking was performed.

Note: No other information is required. The Prime will sign and submit the Affidavit.

3. Trucking will continue to be monitored at project sites by construction field staff and the CCOs.

SANCTIONS AND ADMINISTRATIVE REMEDIES

Failure by the prime contractor to follow the DBE Trucking Disclosure Affidavit requirements may result in the issuance of sanctions as follows:

- 1st Level Occurrence: The Administrator for the Office of Civil Rights Compliance, under the Division of Opportunity, Diversity & Inclusion (ODI), will issue a Letter of Reprimand to the contractor (applies if there is a failure to submit the Affidavits and/or the Affidavits are not submitted timely; if the prime completes the No Anticipated DBE Trucking Affidavit, utilizes DBE trucking and does not notify the CCO within seven days of the activity);
- 2nd Level Occurrence: ODI may withhold an estimate in the amount due to the DBE trucking firm(s) that the Affidavit was not submitted for (applies if there is a failure to submit the Affidavits and/or the Affidavits are not submitted timely; if the prime completes the No Anticipated DBE Trucking Affidavit, utilizes DBE trucking and does not notify the CCO within seven days of the activity);
- 3rd Level Occurrence: If a pattern of not submitting the Affidavit(s) persists or the Contractor has falsified, misrepresented or withheld information, ODOT can pursue other remedies available by law including suspension, revocation, and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the Contractor's past project practices;
- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify;
- the Contractor's record of performance on other projects; and
- the number of times the Contractor has been previously sanctioned by ODOT.

COUNTING MATERIALS AND SUPPLIES PURCHASES FROM DBE SUPPLIERS

The Bidder/ Awarded Contractor may meet a Disadvantaged Business Enterprise (DBE) contract goal using DBE suppliers. The dollar amount of materials purchased from a DBE supplier will not be fully countable towards the DBE contract goal unless the DBE supplier manufactures the materials. When the DBE supplier does not manufacture the materials, the percentage that is countable towards the DBE contract goal will be either 60 percent or 40 percent if the DBE supplier meets certain conditions, or else only the DBE supplier's reasonable fees or commissions will be countable. When including a DBE supplier on its DBE Utilization Plan and Affirmations, the Apparent Low Bidder/Awarded Contractor must specify both the cash amount and the participation amount (*i.e.*, the portion of the cash amount of which it is aware will count towards the DBE contract goal).

The Apparent Low Bidder/Awarded Contractor is responsible for performing any Good Faith Efforts (GFEs) that may be necessary if it includes, in good faith, a DBE supplier on its DBE Utilization Plan and the Apparent Low Bidder/Awarded Contractor becomes aware (or is made aware) that the materials purchased from the DBE supplier are not countable to the extent previously believed.

The Bidder/Apparent Low Bidder/Awarded Contractor must seek information from DBE suppliers to allow it to be sufficiently informed about the nature of the transaction and which scenario listed below applies. The Apparent Low Bidder/Awarded Contractor must document this information on the DBE Affirmation Form

(<https://www.transportation.ohio.gov/programs/business-economic-opportunity/dbe/dbe-resources/pn-013-affirmation>).

DBE SUPPLIER COUNTING SCENARIOS

- The purchase price of materials obtained from a DBE supplier may be **fully countable** only if the DBE supplier:
 - Manufactures the materials), as indicated by the information provided by the DBE supplier (subject to verification by the Department). A manufacturer DBE supplier is a firm that owns (or leases) and operates a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications. Manufacturing includes blending or modifying raw materials or assembling components to create the product to meet contract specifications. When a DBE makes minor modifications to the materials,

supplies, articles, or equipment, the DBE is not a manufacturer. Minor modifications are additional changes to a manufactured product that are small in scope and add minimal value to the final product; and

- Is certified in the correct (manufacturer) NAICS code(s) for the materials.
 - Is identified by ODOT as having the demonstrated capacity to manufacture the materials.
- The purchase price (including transportation costs) of materials obtained from a DBE supplier may be **countable at 60%** only if the DBE supplier:
 - Does not manufacture the item(s);
 - Owns (or leases) and operates a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in sufficient quantities, and regularly sold or leased to the public in the usual course of business, as indicated by the information provided by the DBE supplier (subject to verification by the Department) (See below for an exception to this requirement for materials that are considered bulk materials.);
 - Is an established business that engages, as its principal business and under its own name, in the purchase and sale or lease of the materials;
 - Is certified in the correct (wholesale or retail) NAICS code(s) for the materials;
 - Is identified by ODOT as, over a reasonable period of time, keeping sufficient quantities and regularly selling the materials;
 - Provides all the materials from inventory **or** provides at least 51 percent of the materials from inventory, with the remainder being of the general character as those provided from inventory; and
 - Does not drop-ship the materials.

Note: If a material is not typically stocked due to its unique characteristics (*e.g.*, limited shelf life) or because it must be ordered to specification, it is treated as a bulk item. The inventory requirement does not apply, but the DBE supplier must deliver the materials using its owned-and-operated distribution equipment. *See below.*

- The purchase price (including transportation costs) of materials and supplies that are considered bulk materials (petroleum products, steel, concrete or concrete products, gravel, stone, asphalt, and others that ODOT may consider to be bulk materials, plus materials that are not typically stocked due to their unique characteristics (*e.g.*, limited shelf life) or because the material must be ordered to specification) and are obtained from a DBE supplier may be **countable at 60%** only if the DBE supplier:
 - Delivers the materials using distribution equipment that it both owns (or for which it has a long-term (1 year or more) lease) and operates with its regular (not ad hoc)

- employees, as indicated by the information provided by the DBE supplier (subject to verification by the Department);
- Is an established business that engages, as its principal business and under its own name, in the purchase and sale of the materials;
 - Is certified in the correct (wholesale or retail) NAICS code(s) for the materials
 - Is identified by ODOT as owning/leasing and operating distribution equipment that is suitable for the materials;
 - Is certified in the correct trucking NAICS code(s); and
 - Does not drop-ship the materials.
- The purchase price (including transportation costs) of materials and supplies that are obtained from a distributor DBE supplier that neither maintains sufficient inventory nor uses its own distribution equipment may be **countable at 40%** only if the distributor DBE supplier:
 - Is an established business that engages in the regular sale or lease of the materials;
 - Takes ownership of the materials from the point of origin to the destination;
 - Ships the materials using a third party carrier unaffiliated with the originator (*i.e.*, the materials' manufacturer or wholesaler);
 - Assumes responsibility (*i.e.*, all risk for loss or damage) for the materials once those materials leave the point of origin, making it liable for any and all loss or damage during transportation not covered by the carrier's insurance; and
 - Is certified in the correct (wholesale or retail) NAICS code(s) for the materials.
 - The purchase price of materials and supplies obtained from a DBE supplier but not in accordance with any of the above scenarios is **not countable**, but the fees or commissions charged by the DBE supplier are countable if ODOT deems such fees to be reasonable and if the DBE supplier:
 - Is certified in NAICS code 425120 Wholesale Trade Agents and Brokers; and
 - Convincingly explains how the Bidder/Apparent Low Bidder/Awarded Contractor benefits by transacting business with it rather than directly with the non-DBE vendor from which the DBE supplier is re-selling.

All credit toward DBE goals is conditional. Actual credit will be determined based upon invoices, receipts, and/or transportation documents/bills of lading, which must be submitted to ODOT as they are received throughout the course of the project.

PN 038 - 10/15/2004 - UNRESOLVED FINDING FOR RECOVERY

The Contractor affirmatively represents to the Department that it is not subject to a finding for recovery under Ohio Revised Code §9.24, or that it has taken the appropriate remedial steps required under §9.24 or otherwise qualifies under that section. The Contractor agrees that if this representation is deemed to be false, the contract shall be void ab initio as between the parties to this contract, and any funds paid by the state hereunder shall be immediately repaid to the Department, or an action for recovery may be immediately commenced by the Department for recovery of said funds.

PN 039 - 10/15/2004 - ASSIGNMENT OF ANTITRUST CLAIMS IN STATE CONTRACT LANGUAGE

It is the policy of the Ohio Department of Transportation that ODOT and the Contractor recognize that in actual economic practice, overcharges resulting from antitrust violations are usually borne by ODOT. As consideration for the Award of the Contract and intent to be legally bound, the Contractor acting herein by and through the person signing this contract on behalf of the Contractor as a duly authorized agent, hereby assigns, sells, conveys, and transfers to ODOT any and all right, title and interest to any and all claims and causes of action the Contractor now has or hereafter requires under state or federal antitrust laws provided that the claims or causes of action related to the goods or services that are the subject to the contract. In addition, the Contractor warrants and represents that it will require any and all of its subcontractors and first tier suppliers to assign any and all federal and state antitrust claims and causes of action to ODOT. The provisions of this article shall become effective at the time ODOT executes this contract without further acknowledgment by any of the parties.

All contracting entities shall assign their rights and responsibilities to ODOT for all antitrust claims and causes of action regarding subcontractors.

PN 015 – 04/17/2020 - CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

The required contract provisions for federal-aid construction contracts (contained in Form FHWA 1273 revised October 23, 2023 and located [here](#)) are hereby incorporated by reference as if rewritten herein. Form FHWA-1273 shall be physically incorporated in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreement for supplies or services related to a construction contract). The prime contractor shall be responsible for ensuring that the FHWA-1273 is physically incorporated into all lower-tier subcontracts.

SANCTIONS AND ADMINISTRATIVE REMEDIES

Failure by the prime contractor to include the provisions of FHWA-1273 in their contract or in their lower-tier subcontracts may result in the issuance of sanctions as follows:

1 st Tier: Letter of Reprimand

2 nd Tier: Damages equivalent to the daily liquidated damages amount found in section 108.07 for each incident of non-compliance

3 rd Tier: If a pattern of paying damages persists or the Contractor has falsified, misrepresented or withheld information, ODOT can pursue other remedies available by law including suspension, revocation, and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify; and
- the Contractor's record of performance on other projects
- the number of times the Contractor has been previously sanctioned by ODOT.

PN 017 - 10/15/2004 - FEDERALLY REQUIRED EEO CERTIFICATION CLAUSE

The Federally Required EEO Certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7 (b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontractors which are subject to the equal

opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

PN 029 – 01/20/2023– ON THE JOB TRAINING (OJT) PROVISIONS The primary objective of the OJT Program is to offer equal opportunity for the training and upgrading of minorities, women, and disadvantaged persons toward journeyman status in the highway construction trades, and to establish a plentiful and well diverse pool of skilled workers for the highway construction industry.

The Contractor shall adhere to all requirements of the OJT Program as set forth in the most recent version of the ODOT On the Job Training Program Plan located here [OJT+Program+Plan+2020+Final+-+12.16.2020.pdf](#) (ohio.gov) and incorporated in its entirety herein by reference.

FHWA 1391 PROVISIONS: The FHWA annual Equal Employment Opportunity (EEO) Report is required for all federal-aid construction contracts (as required by Form FHWA-1273 and 23 CFR Part 230, Subpart C). The annual EEO Report collects employment data, specifically highlighting employment of racial/ethnic minorities and women, from all construction contractors with active federal-aid contracts valued at \$10,000 or more (except for those contracts awarded under [23 U.S.C. 117](#)), during the designated reporting period. Accurate reporting of data is imperative in order to maintain federal funding for future ODOT Federal-Aid Highway Construction projects.

Records and Reports: The contractor shall maintain records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work. These records shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and nonminority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women.

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project indicating the number of minority, women, and nonminority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

SANCTIONS AND ADMINISTRATIVE REMEDIES

Failure by the prime contractor and sub-contractors to submit the provisions of FHWA-1391 by the dates provided by the administrating agency in their contract, or in their lower tier subcontracts, may result in the issuance of sanctions as follows:

1st Tier: Damages equivalent to the administrative fee's amount of (\$100/day) established in section 109.12 for each incident of non-compliance, beginning the 1st day after the deadline date established in the 2nd written request for submittal of the FHWA 1391 Report.

2nd Tier: If a pattern of occurring administrative fee's persists or the Contractor has falsified, misrepresented or withheld information, ODOT can pursue other remedies available by law including suspension, revocation, and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify; and
- the Contractor's record of performance on other projects
- the number of times the Contractor has been previously sanctioned by ODOT.

SUGGESTED SUB AGREEMENT LANGUAGE – FEDERAL-AID CONTRACTS

Suggested language for the federal-aid Prime Contractor to include in its subcontractor agreements:

As a Subcontractor, and/or trucking firm, you are contractually obligated to comply with the state administrating agency request for the submittal of the FHWA 1391 – Contractors Annual Equal Employment Opportunity (EEO) Report. It should reflect the total employment on all Federal-Aid Highway Projects in the State as of July 31st. The staffing figures to be reported should represent the project work force on board in all or any part of the last payroll period preceding the end of July. The staffing figures to be reported in Table A should include journey-level men and women, apprentices, and on-the-job trainees. Staffing figures to be reported in Table B should include only apprentices and on-the-job trainees as indicated.

All lower-tier Subcontractor (DBE and non-DBE), and trucking firm (DBE and non-DBE) sub agreements must include this EEO reporting obligation.

PN 026 - 10/15/2004 - CERTIFICATION OF NONSEGREGATED FACILITIES

(a) A Certification of Nonsegregated Facilities, as required by the May 9, 1967, Order of the Secretary of Labor (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities (is included in the proposal and must be submitted prior to the award of a Federal-aid highway construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause).

(b) Bidders are cautioned as follows: By signing this bid, the bidder will be deemed to have signed and agreed to the provisions of the "Certification of Nonsegregated Facilities" in this proposal. This certification provides that the bidder does not maintain or provide for his employees facilities which are segregated on a basis of race, creed, color, or national origin, whether such facilities are segregated by directive or on a de facto basis. The certification also provides that the bidder will not maintain such segregated facilities.

(c) Bidders receiving Federal-aid highway construction contract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, will be required to provide for the forwarding of the following notice to prospective subcontractors for construction contracts and material suppliers

where the subcontracts or material supply agreements exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause.

"Notice to Prospective Subcontractors and Material Suppliers of Requirement for Certification of Nonsegregated Facilities" -

(a) A Certification of Nonsegregated Facilities as required by the May 9, 1967, Order of the Secretary of Labor (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, which is included in the proposal, or attached hereto, must be submitted by each subcontractor and material supplier prior to the award of the subcontract or consummation of a material supply agreement if such subcontract or agreement exceeds \$10,000 and is not exempt from the provisions of the Equal Opportunity clause.

(b) Subcontractors and material suppliers are cautioned as follows: By signing the subcontract or entering into a material supply agreement, the subcontractor or material supplier will be deemed to have signed and agreed to the provisions of the "Certification of Nonsegregated Facilities" in the subcontract or material supply agreement. This certification provides that the subcontractor or material supplier does not maintain or provide for his employees facilities which are segregated on the basis of race, creed, color, or national origin, whether such facilities are segregated by directive or on a de facto basis. The certification also provides that the subcontractor or material supplier will not maintain such segregated facilities.

(c) Subcontractors or material suppliers receiving subcontract awards or material supply agreements exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause will be required to provide for the forwarding of this notice to prospective subcontractors for construction contracts and material suppliers where the subcontracts or material supply agreements exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity clause.

PN 031 – 07/21/2023 - PROMPT PAYMENT - ODOT-LET CONSTRUCTION PROJECTS

Prompt payment requirements apply to ODOT (the Department) and, by extension, its Prime Contractors and Subcontractors (including DBEs and non-DBEs and including traditional subcontractors as well as material suppliers and trucking firms, collectively referred to herein as Subcontractors). The State of Ohio's laws related to prompt payment are published in Ohio Revised Code (ORC) 4113.61. ORC 4113.61 applies to all contracts. The Prime Contractor must comply with this Proposal Note, ORC 4113.61, C&MS 107.21 and, for contracts with U.S. Department of Transportation financial assistance (i.e., federally-funded contracts), Title 49, Part 26, Section 29 of the Code of Federal Regulations (CFR) (i.e., 49 CFR 26.29).

The Department monitors the payments made by Prime Contractors and Subcontractors for compliance with this Proposal Note, ORC 4113.61, C&MS 107.21 and, for federally funded contracts, 49 CFR 26.29. To facilitate this monitoring, the Department requires Prime Contractors to report their remitted payments to specified Subcontractors, and Subcontractors to report their remitted payments to specified lower-tier Subcontractors, as follows.

- Prime Contractors must report remitted payments to subcontractors (DBE/EDGE and non-DBE/EDGE), suppliers (DBE/EDGE only, unless the supplier sublets to a lower-tier DBE/EDGE firm), and trucking firms (DBE/EDGE only, unless the trucking firm sublets to a lower-tier DBE/EDGE firm) (collectively, Subcontractors).
- Subcontractors must report remitted payments to lower-tier subcontractors (DBE/EDGE and non-DBE/EDGE), suppliers (DBE/EDGE only), and trucking firms (DBE/EDGE only) (collectively, "Lower-tier Subcontractors").

The Prime Contractor must report remitted payments to Subcontractors within 10 calendar days of each payment it receives from the Department. Each Subcontractor must report remitted payments to Lower-tier Subcontractors within 10 calendar days of receipt of each payment received from the Prime Contractor. Payers must report return of retainage (and/or other amounts withheld) within 10 calendar days of release to the payee. Payment is defined as: issuing Electronic Funds Transfer (EFT) or putting a check in the mail to a subcontractor. The 10 calendar day requirement is met the date that the payment is issued to the subcontractor, not received.

All subcontractor payment reporting must take place within the Signet® application. Signet is a third-party service supported by the vendor for usage by the Prime Contractor and subcontractors. Signet is only a reporting tool; it does not process financial transactions. ODOT does not provide direct technical support for Signet.

All projects that have at least one Subcontractor are required to use Signet. Anyone needing access to Signet must submit a request to signet-support@infotechinc.com. Licensing and usage fees for the Signet service are incidental to the Project. The Signet vendor will charge a set fixed fee of \$1,000 per each Contract requiring Signet regardless of Contract value, Contract duration, or number of subcontractors. Prime Contractors are responsible for obtaining a Project-specific Signet license regardless of the number of Subcontractor payments made. The Prime Contractor shall be responsible for paying this fee to the Signet vendor. Helpful information on reporting Subcontractor payments in Signet may be found (as of the date of this Proposal Note) at <https://infotechinc.zendesk.com> (click Signet).

If a Prime does not anticipate having at least one subcontractor, they are not required to obtain a Signet license for that project. However, at any point in the life of the contract the Prime determines that there will be a Subcontractor, they have 10 days to notify the Department and obtain a Project-specific Signet license.

If any contractor or Subcontractor has not previously worked on an ODOT project and/or does not have a AASHTOWare Project™ - Civil Rights & Labor (CRL) account, that contractor or Subcontractor must request a CRL account by emailing DOT.Helpdesk@dot.ohio.gov. CRL feeds into Signet and vice versa, so contractors and Subcontractors MUST have accounts for both systems.

Prime Contractors and Subcontractors shall not record or verify payments in CRL for Projects requiring Signet.

The payer (whether Prime Contractor or Subcontractor) must report the following information:

- 1.) The name of the payee;
- 2.) The dollar amount of the payment to the payee;
- 3.) The date the payee was paid;
- 4.) The retainage or other amount withheld (if any), and the reason for the withholding (if other than for retainage).
- 5.) For DBEs, the purpose of the payment (e.g., subcontracting, trucking, supply (manufacturer), supply (regular dealer), supply (broker).
- 6.) Anything else Signet asks for.

The payer must report its return of retainage (and/or other amounts withheld) in separate, standalone payment entries (i.e., without being commingled with a payment for work performed or materials supplied).

Subcontractors and Lower-tier Subcontractors must verify, in Signet, each payment reported by a payer within 10 calendar days of the payment being reported by the payer. This verification includes whether the payment was received, and if so, whether it was as expected or not.

The Prime Contractor must include the above prompt payment and reporting requirements in all Subcontractor (DBE/EDGE and non-DBE/EDGE), supplier (DBE/EDGE only, unless the supplier sublets to a lower-tier DBE/EDGE firm), and trucking firm (DBE/EDGE only, unless the trucking firm sublets to a lower-tier DBE/EDGE firm) agreements that it enters into and further require that all such subcontractors include the same prompt payment and reporting obligation in their lower-tier Subcontractor (DBE/EDGE and non-DBE/EDGE), supplier (DBE/EDGE only), and trucking firm (DBE/EDGE only) agreements. The project specific Signet license is applicable to all Project subcontracts and subcontractors.

Note: Payments made to non-DBE/EDGE suppliers and trucking firms need not be reported. However, as required in C&MS 107.21 and in accordance with ORC 4113.61, contractors are required to make payment to each subcontractor and supplier within 10 calendar days after receipt of payment from the Department for work performed or materials delivered or incorporated into the project—this requirement includes non-DBE/EDGE suppliers and trucking firms. If a contractor does not comply with this requirement, penalties in accordance with ORC 4113.61 may apply.

SUGGESTED SUB AGREEMENT LANGUAGE – FEDERAL-AID CONTRACTS

Suggested language for the federal-aid Prime Contractor to include in its subcontractor agreements:

As a Subcontractor, supplier and/or trucking firm*, you (the payee) must verify receipt of payments from the Prime Contractor. This verification must be performed within the Signet application. You must verify each payment within 10 calendar days of the payment being reported by the Prime Contractor. This verification includes whether the payment was received, and if so, whether it was as expected or not. Furthermore, you must report payments to your lower-tier Subcontractors (DBE and non-DBE), suppliers (DBE only), and trucking firms (DBE only). The payment data reported must include any retainage (and/or other amounts) withheld and any previously withheld amounts released. You must report payments within 10 calendar days of receipt of each payment received from the Prime Contractor. You must also report return of retainage (and/or other amounts withheld) within 10 calendar days of release to the payee. Your payees must then verify each payment reported by you (the payer) within 10 calendar days of the payment being reported. Your lower-tier Subcontractor (DBE and non-DBE), supplier (DBE only), and trucking firm (DBE only) sub agreements must include this prompt payment and reporting obligation.*

If you have not previously worked on an ODOT project and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing DOT.Helpdesk@dot.ohio.gov. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

Suggested language for the subcontractor to include in its lower-tier sub agreements:

As a lower-tier subcontractor (DBE or non-DBE), supplier (except non-DBE) and/or trucking firm (except non-DBE), you (the payee) must verify receipt of payments from the payer (i.e., the maker of this sub agreement with you). This verification must be performed within the Signet system. Payees must verify each payment reported by the payer within 10 days of the payment being reported. This verification includes whether the payment was received, and if so, whether it was as expected or not.

Anyone needing access to Signet may submit a request to signet-support@infotechinc.com.

If you have not previously worked on an ODOT project, and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing DOT.Helpdesk@dot.ohio.gov. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

SUGGESTED SUB AGREEMENT LANGUAGE – NON-FEDERAL-AID CONTRACTS

Suggested language for the non-federal-aid Prime Contractor to include in its subcontractor agreements:

As a Subcontractor, supplier and/or trucking firm*, you (the payee) must verify receipt of payments from the Prime Contractor. This verification must be performed within the Signet application. You must verify each payment within 10 calendar days of the payment being reported by the Prime Contractor. This verification includes whether the payment was received, and if so, whether it was as expected or not. Furthermore, you must report payments to your lower-tier Subcontractors (EDGE and non-EDGE), suppliers (EDGE only), and trucking firms (EDGE only). The payment data reported must include any retainage (and/or other amounts withheld) and any previously withheld amounts released. You must report payments within 10 calendar days of receipt of each payment received from the Prime Contractor. You must also report return of retainage (and/or other amounts withheld) within 10 calendar days of release to the payee. Your payees must then verify each payment reported by you (the payer) within 10 days of the payment being reported. Your lower-tier Subcontractor (EDGE and non-EDGE), supplier (EDGE only), and trucking firm (EDGE only) sub agreements must include this prompt payment and reporting obligation.*

If you have not previously worked on an ODOT project and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing DOT.Helpdesk@dot.ohio.gov. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

Suggested language for the subcontractor to include in its lower-tier sub agreements:

As a lower-tier subcontractor (EDGE or non-EDGE), supplier (except non-EDGE) and/or trucking firm (except non-EDGE), you (the payee) must verify receipt of payments from the payer (i.e., the maker of this sub agreement with you). This verification must be performed within the Signet application. Payees must verify each payment reported by the payer within 10 days of the payment being reported. This verification includes whether the payment was received, and if so, whether it was as expected or not.

If you have not previously worked on an ODOT project, and/or do not have an AASHTOWare Project™ - Civil Rights & Labor (CRL) account, you must request a CRL account by emailing DOT.Helpdesk@dot.ohio.gov. CRL feeds into Signet and vice versa, so you MUST have accounts for both systems.

SANCTIONS AND ADMINISTRATIVE REMEDIES

PROMPT PAYMENT

Failure by the Prime Contractor to follow Prompt Payment requirements may result in the issuance of sanctions listed below. The Prime Contractor may also receive the below sanctions if any of their Subcontractors fail to follow Prompt Payment requirements.

- 1st Level Occurrence: The Department will issue a Letter of Reprimand to the Prime Contractor (applies if there is a failure to report payments in the Signet system and/or failure to timely pay subcontractor(s));
- 2nd Level Occurrence: The Department may withhold an estimate in the amount due to the subcontractor(s) that was not reported or paid (applies if there is a failure to report payments in the Signet system and/or failure to timely pay subcontractor(s));
 - If a Prime Contractor receives a 1st Level Occurrence reprimand for a project, all subsequent Prompt Payment violations on that project (same or different subcontractor) may result in withholding. In this situation, no 1st Level Occurrence reprimand letters will be sent.
- 3rd Level Occurrence: The Prime Contractor may be required to pay interest in the amount of 18% per annum of the payment due, beginning on the eleventh day following the receipt of payment from the owner and ending on the date of full payment of the payment due plus interest (applies if a pattern of not paying subcontractor(s) persists or the Contractor has falsified, misrepresented or withheld information, ODOT can pursue other remedies available by law including suspension, revocation and/or debarment).

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the Contractor's past project practices;
- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify;
- the Contractor's record of performance on other projects; and
- the number of times the Contractor has been previously sanctioned by ODOT.

RETURN OF RETAINAGE

Failure by the Prime Contractor to follow Return of Retainage requirements may result in the issuance of sanctions listed below. The Prime Contractor may also receive the below sanctions if any of their Subcontractors fail to follow Return of Retainage requirements.

- 1st Level Occurrence: The Department will issue a Letter of Reprimand to the Prime Contractor (applies if there is a failure to report retainage being held in the Signet system and/or failure to timely return retainage;
- 2nd Level Occurrence: The Department may withhold an estimate in the amount of retainage due to the subcontractor(s) (applies if there is a failure to report retainage being held in the Signet system and/or failure to timely return retainage;
 - If a Prime Contractor receives a 1st Level Occurrence reprimand for a project, all subsequent Return of Retainage violations on that project (same or different subcontractor) may result in withholding. In this situation, no 1st Level Occurrence reprimand letters will be sent.
 - Repeat Occurrences: Continued non-compliance is a material breach of contract and will be treated as such. ODOT can pursue other remedies available by law including suspension, revocation and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the Contractor's past project practices;
- the magnitude and the type of offense;
- the degree of the Contractor's culpability;
- any steps taken to rectify;
- the Contractor's record of performance on other projects; and
- the number of times the Contractor has been previously sanctioned by ODOT.

PN 046 - 10/15/2004 - SUBCONTRACT AGREEMENTS

Prime contractors will not be required to submit executed C-92s with their subcontract agreements for Disadvantaged Business Enterprises (DBE) subcontractors prior to the execution of the prime contract with ODOT. The prime contractor must only furnish to the Department subcontract agreements from the DBE subcontractors with whom they propose to utilize to fulfill the project goal. Again, this requirement is at the time of contract execution with ODOT.

However, the prime contractor must submit C-92s prior to the DBE commencing work. At the time of submission of the C-92 the DBE subcontractor must have sufficient dollar and work type qualifications to perform the work. The prime contractor will be held accountable to meet the project goal.

PN 013 – 04/11/2025 - DISADVANTAGED BUSINESS ENTERPRISE (DBE) UTILIZATION PLAN AND GOOD FAITH EFFORTS

Definition of *days*

Unless otherwise noted, *days* means calendar days, but in computing any period of time described in this proposal note, the day from which the period begins to run is not counted, and when the last day of the period is a Saturday, Sunday, or Federal or State holiday, the period extends to the next day that is not a Saturday, Sunday, or Federal or State holiday.

See <https://www.opm.gov/policy-data-oversight/pay-leave/federal-holidays> for a list of Federal holidays. State holidays are those designated in division (A) of section 124.19 of the Revised Code (<https://codes.ohio.gov/ohio-revised-code/section-124.19>), with modifications as designated in the first two sentences of division (B)(4) of section 124.18 of the Revised Code (<https://codes.ohio.gov/ohio-revised-code/section-124.18>). (State holidays are generally the same as Federal holidays.)

DBE Utilization Plan, DBE Affirmation Forms, and DBE Good Faith Efforts documentation

At bid time, each bidder submits a basic DBE Utilization Plan, which is the list of DBEs and dollar amounts put forth by the bidder to meet the DBE contract goal. Each bidder must be prepared so that if they are identified as the Apparent Low Bidder (ALB), they will be ready to submit DBE Affirmation Forms and/or Good Faith Efforts (GFE) documentation with much more detail than the DBE Utilization Plan shows. GFE documentation consists of all efforts undertaken by the bidder to meet the DBE contract goal. ODOT strongly suggests each bidder document all pre-award GFEs on the template located at <https://www.transportation.ohio.gov/working/external-workforce/forms/gfe-contractors>, since the successful bidder must submit GFEs if the DBE contract goal is not met.

DBE Utilization Plan

All Bidders shall submit a DBE Utilization Plan at the time of bid, setting forth specific information demonstrating how the Bidder will achieve the DBE goal. By submitting a DBE Utilization Plan, the Bidder is affirming they will be using the DBE firms identified in the Utilization Plan to meet the DBE contract goal.

The DBE Utilization Plan shall be submitted with the Project Bids (EBS)/Bid Express Online Submission through the DBE List folder at the time of bid submission. Unless the bidder is a certified DBE firm, **any bids received without electronic submission of the DBE Utilization Plan at or before bid time, will be deemed unresponsive.** Bidders shall download the dbe-bids.bin file from

<http://www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Construction/dbe-bids.bin>. This file contains the current list of certified DBEs and is updated regularly. The dbe-bids.bin file must be saved in the same directory as the Project Bids (EBS) file.

The DBE Utilization Plan shall include the following information:

- 1) The names of the certified DBE firm(s) that will be used to meet the DBE goal;
- 2) The activity (subcontractor, regular dealer, distributor, manufacturer, consultant, trucking, etc.) that each DBE will perform. For the activity to count toward meeting a goal, a DBE firm must be certified in the NAICS code applicable to that activity (as described on the DBE Affirmation Form—see DBE Affirmations Prior to Award); and
- 3) The dollar amount of the participation of each DBE firm used to meet the DBE goal. (*Note: The participation amount will be less than the dollar amount that must be paid to the DBE if the DBE is acting as a regular dealer or distributor (see Proposal Note 007) and/or the DBE elects not to perform all activities with its own forces. Ultimately, to be compliant with PN 013, the Awarded Contractor must pay the DBE not less than the transaction amount for the performance of the specific activities described on the DBE Affirmation Form. (See DBE Affirmation section for more details on DBE Affirmation Forms.)*)

Bidders cannot modify their DBE Utilization Plans between the bid opening and contract award except at ODOT's discretion.

For supplier DBEs, the bidder must have received the supplier DBE's Material Supply Form to understand the expected DBE participation credit they will receive based on whether the DBE is acting as a manufacturer, regular dealer, distributor, or broker for each type of material to be supplied (*see* Proposal Note 007).

Projects Awarded on Alternates

In the event the project will be awarded on alternates that increase or decrease the total dollar amount of the bid, a revision to the DBE Utilization Plan and DBE Affirmation Form(s) shall be submitted to and approved by the Office of Business & Economic Opportunity within five days after the notification of the alternates.

DBE Affirmations Prior to Award

The Apparent Low Bidder shall ensure **all** DBE firms listed on the DBE Utilization Plan affirm their participation in the bid within five days after the bid opening to ODOT. However, **ODOT strongly recommends the ALB submit DBE Affirmation Forms as soon as possible** rather than waiting until the 5th day after the bid opening. For each DBE, the dollar amount shown on the DBE Affirmation Form must be equal to (or greater than) the dollar amount shown on the Apparent Low Bidder's DBE Utilization Plan. DBE Affirmation Forms cannot be modified beyond the 5th day after the bid opening except to correct errors, omissions, etc., that are deemed by ODOT to be immaterial and that do not reduce the participation amount, or in response to an award on alternates (*see* above).

For each DBE listed on the DBE Utilization Plan, the Apparent Low Bidder and DBE must complete the DBE Affirmation Form located at

<https://www.transportation.ohio.gov/working/external-workforce/forms/pn-013-affirmation>. The DBE Affirmation Form will be utilized as written confirmation from each listed DBE firm that it is participating in the contract for the dollar amount of activities listed in the Bidder's DBE Utilization Plan. The description of the each DBE's activity must be sufficiently detailed to allow ODOT to confirm the accuracy of the activity's NAICS code. Each DBE listed to perform as a regular dealer or distributor must have completed the Material Supply Form relevant to demonstrating the DBE's capacity and intent and must affirm that its subsequent performance of a commercially useful function will be consistent with the preliminary counting of such participation. The DBE's responses must be included on the DBE Affirmation Form. The Apparent Low Bidder shall submit a separate DBE Affirmation Form for each DBE it is utilizing for the DBE goal as well as their Good Faith Efforts package (*see* Good Faith Efforts) if they were not able to attain the DBE Goal via DBE participation.

All other Bidders shall submit DBE Affirmation Forms if notified that the information is required in order for ODOT to complete its bid assessment. Bidders shall have five days from the date of notification to submit all required DBE Affirmation Forms to ODOT. Notification will be sent via email.

Determination of DBE Goal Participation

ODOT will adjust DBE Affirmation Form amounts downward if needed because:

- A DBE supplier does not affirm that its participation will meet the specific requirements of either a regular dealer or distributor; or

- A DBE will not be self-performing all the activities listed on the form; or
- A DBE is not certified in the NAICS codes associated with the activities listed on the form; or
- Other information that indicates the amount on the form was miscalculated or incorrect.

The adjusted DBE Affirmation Form amounts will be used to determine if the DBE goal was met. This means that the ALB may not have met the DBE contract goal even if the DBE Utilization Plan shows the goal was met. If the DBE goal is not met and the ALB does not submit Good Faith Efforts documentation by the 5th day after the bid opening, the bid will be considered non-responsive. ODOT strongly recommends the ALB submit DBE Affirmation Forms as soon as possible rather than waiting until the 5th day after the bid opening.

Non-Responsiveness

See the Sanctions and Administrative Remedies section.

If a DBE Cannot Be Reached

In the event a DBE firm fails to confirm the information contained in the DBE Affirmation Form within five days of bid opening, the Apparent Low Bidder shall submit a Request for Consent to Terminate/Reduce a DBE Commitment, as set forth herein. The Request for Consent to Terminate/Reduce a DBE Commitment form shall be submitted within five days after bid opening in order for the Apparent Low Bidder to still be considered for contract award. The Apparent Low Bidder shall include as its reason for termination the DBE firm's failure to provide a timely affirmation and should include all efforts the Apparent Low Bidder made to obtain the affirmation from the DBE firm and shall attach proof of these efforts. If the Apparent Low Bidder intends to replace the DBE Firm, it shall include the replacement firm's information on the form. In the event the Apparent Low Bidder is unable to affirm a DBE firm included in its original DBE Utilization Plan at bid submission and it results in a goal shortfall, Good Faith Efforts (GFE's) must be submitted by the fifth day after bid opening. All GFE documentation submitted for consideration should demonstrate the efforts the Bidder made prior to the time of bid submission to secure sufficient DBE participation on the project to meet the DBE goal although the Bidder was unable to do so. A DBE firm's failure to timely confirm information contained in the DBE Affirmation Form will be considered as good cause to terminate the DBE firm and will also be considered a part of the Apparent Low Bidder's Good Faith Efforts in meeting the goal.

DBE Bidders

If the Bidder is a certified DBE firm, the Bidder is not required to complete a DBE Utilization Plan as set forth above and would not need to submit a DBE Affirmation Form for the work it is planning to self-perform in order to meet the goal.

Joint Ventures

If the Bidder is a Joint Venture, the Joint Venture will only be considered a Certified DBE firm if the Joint Venture itself has been certified. The Joint Venture may, however, utilize a Certified DBE firm that is also a partner in the Joint Venture as part of its DBE Utilization Plan. The Certified DBE Firm/Joint Venture Partner, however, does not need to submit a DBE Affirmation Form for any work that the Certified DBE Firm/Joint Venture Partner is going to perform to

meet the goal. ODOT will consider submission of the Joint Venture's bid as the Certified DBE Firm/Joint Venture Partner's confirmation that it is participating in the contract.

Good Faith Efforts (GFEs)

If the DBE contract goal established by ODOT is not met, the Apparent Low Bidder shall demonstrate it made adequate good faith efforts to meet the goal, even though it did not succeed in obtaining enough DBE participation to do so.

If the Apparent Low Bidder does not meet the goal at bid time, the Apparent Low Bidder shall submit its Good Faith Efforts (GFE's) documentation by no later than five days after the bid opening. Submission of DBE affirmation(s) with additional participation sufficient to meet the DBE contract goal does not cure the Apparent Low Bidder's failure to meet the goal at bid time or eliminate the Apparent Low Bidder's responsibility of submitting GFE's within five days of the bid opening.

The Apparent Low Bidder has the burden of proof to clearly demonstrate its GFE's by submitting detailed information within five days after the bid opening, such as:

- 1) All written quotes received from certified DBE firms;
- 2) All written (including email) communications between the Apparent Low Bidder and DBE firms;
- 3) All written solicitations to DBE firms, even if unsuccessful;
- 4) Copies of each non-DBE quote when a non-DBE was selected over a DBE for work on the contract;
- 5) Phone logs of communications with DBE firms.

The Apparent Low Bidder shall utilize the GFE Contractor Template located at <https://www.transportation.ohio.gov/working/external-workforce/forms/gfe-contractors> to document their GFE's. This template and supporting documentation shall be sent along with any DBE Affirmation Forms within five days of bid opening. ODOT has provided Good Faith Efforts Guidance located at <https://www.transportation.ohio.gov/working/external-workforce/forms/gfe-contractors>.

All other Bidders that failed to meet the DBE contract goal at bid time shall submit documentation of GFE's if notified that the information is required in order for ODOT to complete its bid assessment. Bidders shall have five days from the date of notification to submit all required GFE documentation. Notification will be by email.

ODOT shall utilize the guidance set forth in 49 CFR §26.53 Appendix A in determining whether the Bidder has made adequate good faith efforts to meet the goal.

Administrative Reconsideration

ODOT will review the GFE documentation and issue a written determination on whether adequate GFE's have been demonstrated prior to contract award. If ODOT determines the Apparent Low Bidder has failed to demonstrate adequate GFE's to meet the goal, the Apparent Low Bidder will have an opportunity for administrative reconsideration prior to the contract being awarded.

As part of this reconsideration, the Apparent Low Bidder may provide written documentation or argument concerning the issue of whether it met the goal or made adequate good faith efforts to do so. However, this written documentation or argument must not include or propose any new DBE participation not already included in the Apparent Low Bidder's initial GFE

documentation. Such written documentation or argument must be received by ODOT, attention: Division of Chief Legal Counsel, 1980 West Broad Street, MS 1500, Columbus, Ohio 43223 (with a copy to the Office of Contract Sales, MS 4110), within two business days of ODOT's written determination that GFE's were not adequately demonstrated. The Apparent Low Bidder may also include in their written documentation a request for an in person meeting to discuss the issue of whether it met the goal or made adequate good faith efforts to do so. ODOT's Division of Chief Legal Counsel will respond to the Apparent Low Bidder within five business days of receiving written documentation or holding the in-person meeting.

ODOT will send the Apparent Low Bidder a written decision on reconsideration explaining the basis for finding that the Apparent Low Bidder did or did not meet the goal or make adequate good faith efforts to do so. The result of the reconsideration process is not administratively appealable to the United States Department of Transportation.

Termination of a DBE or Any Portion of Its Work

In this section, *DBE activities* are those activities, as listed on a DBE Affirmation Form, the performance of which the Awarded Contractor committed to the specific DBE listed on the DBE Affirmation Form for the specific compensation shown. *DBE activities* can be used interchangeably with *DBE commitment*.

The Awarded Contractor must ensure that it pays the DBE not less than the dollar amount for the performance of the specific activities described on the DBE Affirmation Form. If a change in circumstances makes this unlikely, the Awarded Contractor must take action as described herein. *If the Awarded Contractor will not be paying a DBE the entire dollar amount shown on the DBE Affirmation Form, and this is not connected to a change in circumstances driven by ODOT, then the Awarded Contractor must submit a Request for Consent to Terminate/Reduce.*

Reductions Caused by ODOT

Any reduction or underrun in DBE activities caused by ODOT is considered a termination for which ODOT's prior written consent is not required. For such reductions or underruns, the Awarded Contractor must notify the DBE via email (with a copy to DOT Contracts Letting Mgr) to inform the DBE of the change and so that ODOT can update the DBE Commitment amount. The Awarded Contractor does not submit a formal Request for Consent to Terminate/Reduce.

Request for Consent to Terminate/Reduce a DBE Commitment

For any reduction or underrun in DBE activities not caused by ODOT, and in all other cases, the Awarded Contractor must continue to utilize the specific DBEs to perform the activities as described on DBE Affirmation Forms unless the Awarded Contractor obtains ODOT's written consent. Consent requests must be submitted utilizing the Request for Consent to Terminate/Reduce DBE Form located at <https://www.transportation.ohio.gov/working/external-workforce/forms/pn-013-termination>.

Absent ODOT's prior written consent, the Awarded Contractor is not entitled to any payment for work or material unless it is performed or supplied by the specific DBE indicated on approved DBE Affirmation Forms.

Requests for Consent to Terminate/Reduce a DBE Commitment must be submitted within two weeks of the Awarded Contractor becoming aware of the change in circumstances that is preventing the DBE from fully performing the activities listed on the DBE Affirmation Form.

Requests submitted significantly outside the two-week timeframe may subject the Awarded Contractor to the sanctions listed at the end of this proposal note.

Good Cause to Terminate a DBE or Any Portion of Its Work

ODOT can only provide written consent to terminate a DBE or any portion of its work if it agrees, for reasons stated in its concurrence document, that the Apparent Low Bidder/Awarded Contractor has good cause to terminate the DBE firm or any portion of its agreed-upon activities as listed on DBE Affirmation Forms.

Good cause does not exist if the Awarded Contractor seeks to terminate a DBE or any portion of its work that it relied upon to obtain the contract so that the Awarded Contractor can self-perform the activity for which the DBE contractor was engaged, or so that the Awarded Contractor can substitute another DBE or non-DBE participant after contract award.

Good cause to terminate a DBE includes the following circumstances:

- 1) The DBE firm fails or refuses to execute (i.e., sign) a written contract;
- 2) The DBE firm fails or refuses to perform the activities listed on its DBE Affirmation Form in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE firm to perform the activities results from the bad faith or discriminatory action of the Awarded Contractor. The Awarded Contractor must provide justification to support its assertion that industry standards are not being met;
- 3) The DBE firm fails or refuses to meet the Awarded Contractor's reasonable, nondiscriminatory bond requirements.
- 4) The DBE firm becomes bankrupt, insolvent, or exhibits credit unworthiness;
- 5) The DBE firm is ineligible to work on public works projects because of suspension and debarment proceedings pursuant to 2 CFR parts 180, 215, and 1200 or applicable state law;
- 6) ODOT has determined that the DBE firm is not a responsible contractor;
- 7) The DBE firm voluntarily withdraws from the project and provides written notice of its withdrawal;
- 8) The DBE firm is ineligible to receive DBE credit for the type of activity required;
- 9) A DBE owner dies or becomes disabled with the result that the DBE firm is unable to complete its activity on the contract; and
- 10) Other documented good cause that ODOT determines compels the termination of the DBE firm.

Replacement

When a DBE firm or any portion of its work is terminated by the Awarded Contractor, the Awarded Contractor must use GFEs to include additional DBE participation to the extent needed to meet the DBE contract goal. The GFEs shall be documented by the Awarded Contractor. If ODOT requests documentation under this provision, the Awarded Contractor shall submit the documentation within seven days, which may be extended for an additional seven days if necessary at the request of the contractor, and ODOT shall provide a written determination to the contractor stating whether GFEs have been demonstrated.

Between the bid opening and award, any added DBE participation credit that was not listed on the Bidder's original DBE Utilization Plan will not count toward the DBE contract goal.

Post-Award DBE Additions

In the event additional DBE participation is required for the project, the Awarded Contractor must submit the DBE Affirmation Form located at <https://www.transportation.ohio.gov/working/external-workforce/forms/pn-013-affirmation>. The DBE Affirmation Form will be utilized as written confirmation from the added DBE firm that it is participating in the contract in the type and amount of work on the project. DBE participation credit toward the DBE contract goal will only be approved for work performed after review and approval of the DBE Affirmation Form.

Exceeding the Amount Shown on a DBE Affirmation Form

ODOT will count, towards the DBE contract goal, amounts paid to a DBE that are above the amount shown on the DBE Affirmation Form as long as there is no change to the scope of the DBE's activities. However, ODOT will not count, towards the DBE contract goal, any amount paid to a DBE that is not part of the originally approved scope. If the Awarded Contractor wants or needs such additional participation to count towards the DBE contract goal, the Awarded Contractor must submit an amended DBE Affirmation Form listing the additional activities to be performed by the DBE and the revised participation amount. ODOT will review the amended DBE Affirmation Form and make a determination on whether the proposed additional activity will count towards the DBE contract goal. DBE participation credit toward the DBE contract goal will only be approved for work performed after review and approval of the DBE Affirmation Form.

WRITTEN NOTICE TO DBE RELATED TO REQUESTS FOR CONSENT TO TERMINATE/REDUCE

The Apparent Low Bidder/Awarded Contractor must submit Requests for Consent to Terminate/Reduce a DBE using the specific form available at <https://www.transportation.ohio.gov/working/external-workforce/forms/pn-013-termination>. Part 1 of this form constitutes the Apparent Low Bidder/Awarded Contractor's notice in writing to the DBE firm of the Apparent Low Bidder/Awarded Contractor's intent to request to terminate and the reason for the proposed request. Upon completion of Part 1, the DBE has five days to respond by completing Part 2, advising ODOT and the Apparent Low Bidder/Awarded Contractor of the reasons, if any, why it objects to the proposed termination and why ODOT should not approve the Apparent Low Bidder/Awarded Contractor's request. If required in a particular case as a matter of public necessity (e.g., safety), ODOT may provide a response period shorter than five days. (Urgent requests may be made over the phone by contacting Goal Attainment staff, with the caveat that the associated written request be submitted by 5:00 pm that day.) Part 3 of the form constitutes the Apparent Low Bidder/Awarded Contractor's official request, while Part 4 is ODOT's consent decision and explanation for it.

Goal Attainment Post Award

The Awarded Contractor shall ensure that all subcontracts or agreements with any DBEs meet or exceed conformity with all applicable state and federal laws and regulations. Furthermore, the Awarded Contractor shall require that any subcontractor agreement with all lower-tier subcontractors be performed per this Proposal Note.

The Awarded Contractor shall submit any subcontractor lower-tier contract before any but not limited to starting any work performed or supplied by a subcontractor and/or Lower Tier Contractor. Said contract will be reviewed and approved only if it meets or exceeds the conformity with all applicable state and federal laws and regulations. Failure to obtain said approval might result in some or all DBE participation credit for said DBE withheld according to ORC §5525.061 and/or 23 CFR part 633.102.

The Award Contractor shall ensure that said subcontract shall contain at least the following information:

- 1) Award contractor name; and
- 2) Subcontractor name and/or Lower Tier Contractor Name; and
- 3) Identification of said project; and
- 4) The amount to be contracted is equal to or greater than the amount provided on its Utilization Plan; and
- 5) Meets or exceeds requirements of Proposal Note 031; and
- 6) Signatures of both parties; and
- 7) FHWA 1273 form.

Approval of a DBE Utilization Plan does not ensure approval of C-92 Requests to Sublet nor does approval of a DBE Utilization Plan indicate the DBE goal has been met. ODOT will monitor goal attainment throughout the life of the project. It is the responsibility of the Awarded Contractor to advise ODOT of any changes to the DBE Utilization plan throughout the life of the project. The DBE goal of a project is stated as a percentage of the PN 13 contract amount, which is the actual contract amount excluding 8000 line items and any 9000 line items that are negative. When the PN 13 contract amount increases or decreases, the actual dollar amount of the DBE goal for the project will increase or decrease accordingly.

Impact of DBE Decertification

When the Awarded Contractor makes a commitment to use a DBE that is decertified PRIOR TO the full execution (*i.e.*, signing) of that DBE's subcontract, the decertified firm DOES NOT COUNT toward the DBE contract goal. The Awarded Contractor's DBE commitment is null and void since the DBE is no longer certified. The Awarded Contractor must make good faith efforts to find additional DBE participation to replace the decertified firm.

When the Awarded Contractor makes a commitment to use a DBE that is decertified AFTER the full execution of that DBE's subcontract, the decertified firm COUNTS toward the DBE contract goal UNLESS the DBE was decertified because it was acquired by or merged with a non-DBE, in which case only the amount paid for work performed by the DBE prior to its decertification counts.

For purposes of this section, a subcontract is deemed to have been signed not before the full execution date of the prime contract.

Sanctions and Administrative Remedies

Pre-Award

Failure by the Apparent Low Bidder to do any of the following may result in the bid being rejected as non-responsive in accordance with ORC §5525.08:

- 1) Failure to submit a complete DBE Utilization Plan at the time of bid;

- 2) Failure to submit DBE Affirmation Form(s) and/or failure to submit Requests for Consent to Terminate/Reduce a DBE Commitment as required by this Proposal Note; or
- 3) Failure to meet the goal and/or failure to demonstrate GFEs to meet the goal as required by this Proposal Note;
- 4) Failure to follow the terms of this Proposal Note.
- 5) The as-submitted DBE Utilization Plan shows the DBE contract goal was met, and the Apparent Low Bidder does not submit all completed and signed DBE affirmations—that are for amounts greater than or equal to the amounts on the DBE Utilization Plan and that are for activities in which the DBE is certified—within five days of the bid opening;
- 6) The as-submitted DBE Utilization Plan shows the DBE contract goal was met, and the Apparent Low Bidder submits all completed and signed DBE affirmations within five days of the bid opening, but adjustments are needed, and after ODOT makes the adjustments, the DBE contract goal is no longer met and the Apparent Low Bidder does not submit its Good Faith Efforts documentation within five days of the bid opening; or
- 7) The as-submitted DBE Utilization Plan shows the DBE goal was NOT met, and the Apparent Low Bidder does not submit all completed and signed DBE affirmations AND its Good Faith Efforts documentation within five days of the bid opening; or
- 8) A DBE Utilization Plan was not submitted, and the Apparent Low Bidder does not submit its Good Faith Efforts documentation within five days of the bid opening; or
- 9) The DBE Affirmation Forms submitted are not complete and accurate within five days of the bid opening.

Post-Award

Failure by the Awarded Contractor to carry out the requirements of this Proposal Note, including, but not limited to, the failure of the Awarded Contractor to pay a DBE the dollar amount for the performance of the specific activities described on the DBE Affirmation Form, the failure of the Awarded Contractor to submit DBE change orders and/or Requests for Consent to Terminate/Reduce DBE Commitment forms, and the submission of inadequate post-award good faith efforts to include additional DBE participation to the extent needed to meet the DBE contract goal, is a material breach of the contract and may result in the issuance of sanctions as follows:

- 1st Tier: Letter of reprimand
- 2nd Tier: Damages equivalent to the DBE shortfall
- 3rd Tier: If a pattern of paying damages persists or the Contractor has falsified, misrepresented or withheld information, ODOT can pursue other remedies available by law including suspension, revocation, and/or debarment.

Factors to be considered in issuing sanctions may include, but are not limited to the following:

- the magnitude and type of offense
- the Contractor's unwillingness to provide information and documentation
- the degree of the Contractor's culpability
- any steps taken to rectify

- the Contractor's record of performance on other projects including, but not limited to:
 - annual DBE participation
 - annual DBE participation on projects without goals
 - the number of complaints ODOT has received regarding the Contractor
 - the number of times the Contractor has been previously sanctioned by ODOT in the previous three years

Note: Absent ODOT's consent, the Awarded Contractor is not entitled to any payment for work or material unless it is performed or supplied by the specific DBE indicated on approved DBE Affirmation Forms, regardless of the presence or absence of any of the above sanctions.

PN 090 – 04/08/2025 - WORK TYPE CODES AND DESCRIPTIONS

The Department will indicate the work type required for each pay item. If the line item does not have a corresponding work type, NR will be shown in the work type column. This proposal note will govern the assignment of work types to pay items.

However, the Contractor may perform incidental work items for which it does not hold the required work type provided the cost of the work does not exceed 5% of the total bid. The Contractor may also perform Work Type 26 (Structural steel painting) without holding the required work type provided the total area to be painted does not exceed 1000 SF per structure. The Contractor may not perform any quantity of Work Type 55 or 56 unless they hold the required work type. The Contractor may perform Work Type 57 (Sealing of Concrete Surfaces with Epoxy or Non-Epoxy Sealers) without holding the required work type provided the total area to be sealed does not exceed 75 SY per project.

Listed below are the work types for this proposal. In accordance with Ohio law, a bidder must possess work types, and perform work equal to the percentage included on the front cover of this proposal. This is a percentage of the total amount of the submitted bid price. The Director may, by insertion of a contract provision, reduce the fifty percent amount.

Work Type Code	Work Type Description	Work Type Code	Work Type Description
1	Clearing & Grubbing	29	Structure Repairs
2	Building Removal	30	Hydrodemolition
3	Gas, Oil, Water Well Abandonments	31	Structural Steel Repairs
4	Roadway Excavation & Embankment Construction	32	Heat Straightening
5	Major Roadway Excavations	33	Tieback Installation
6	Incidental Grading	34	Earth Retaining Structures
7	Soil Stabilization	35	Drainage (Culverts, Misc.)
8	Temporary Soil Erosion & Sediment Control	36	Guardrail / Attenuators
9	Aggregate Bases	37	Fence
10	Flexible Paving	38	Misc. Concrete
11	Apply Bituminous Treatments	39	Maintenance of Traffic
12	Rigid Paving	40	Waterproofing
13	Pavement Planning, Milling, Scarification	41	Raised Pavement Markers
14	Concrete Texturing	42	Signing
15	Sawing	43	Highway Lighting
16	Flexible Replacement	44	Traffic Signals - Standard
17	Rigid Pavement Replacement	45	Pavement Markings

18	Pavement Rubblizing, Breaking, Pulverizing	46	Landscaping
19	Structure Removal	47	Mowing
20	Level 1 Bridge	48	Trucking
21	Level 2 Bridge	49	Herbicidal Spraying
22	Level 3 Bridge	50	Railroad Track Construction
23	Reinforcing Steel	51	Micro Tunneling
24	Structural Steel Erection	52	Tunneling
25	Stud Welding	53	Piling
26	Structural Steel Painting	54	Post-Tensioning Bridge Members
27	Expansion & Contraction Joints, Joint sealers, Bearing Devices	55	Fiber Optic Cable Installation, Splicing, Termination and Testing – Traffic Signal System
28	Caissons / Drilled Shafts	56	Fiber Optic Cable Installation, Splicing, Termination and Testing – Intelligent Transportation System
		57	Sealing of Concrete Surfaces with Epoxy or Non-Epoxy Sealers

PN 059 - 10/15/2004 - WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response for this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determination
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (see 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U. S. Department of Labor
200 Constitution Avenue, N.W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requester considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

PN 061 – 01/20/2016 -WAGE SCALE ON ALL FEDERAL-AID PROJECTS

The wage rates for this project were determined by the Secretary of Labor in accordance with Federal-Aid requirements.

Contractors shall use only the classifications and wage rates set forth in the United States Department of Labor (USDOL) wage decision found at the website noted below on payrolls submitted to the District Office. Additionally, please note that the wage modification in effect at the time of the project sale date, shall be used by all contractors.

This USDOL wage decision may be viewed, by accessing the United States Department of Labor (USDOL) website at:

SAM.gov | [Wage Determinations](#)

This contract requires the payment of the total of the basic hourly rates plus the fringe benefits payments for each classification in accordance with the following regulations which by reference are made part of this contract:

- 1) The U.S. Department of Labor Regulations, Title 29, Subtitle A, Part 5, Sections 5.5, 5.31, and 5.32, most recent revision at contract execution.
- 2) Form FHWA-1273 (most recent revision at contract execution) Part IV. Payment of Predetermined Minimum Wage and Part V. Statements and Payrolls.

The failure to pay prevailing wages to all laborers and mechanics employed on this project, shall be considered a breach of contract. Such a failure may result in the termination of the contract and debarment.

The Contractor and all subcontractors shall pay all wages and fringe benefits by company check. All payroll records and canceled pay checks shall be maintained for at least three years after final acceptance as defined in section 109.12 of the Ohio Department of Transportation Construction and Materials Specifications. The Contractor's and all subcontractors payroll records and canceled pay checks shall be made available for inspection by the Department and the U.S. Department of Labor, upon request, anytime during the life of the contract, and for three years thereafter by the U.S. Department of Labor. Additionally, the Contractor and all subcontractors shall permit such representatives to interview any employees during working hours while the employee is on the job.

The wage and fringe rates determined for this project shall be posted by the Contractor in a prominent and accessible place on the project, field office, or equipment yard where they can be easily read by the workers.

The Contractor (both prime and sub) shall submit via the Department Civil Rights & Labor System (CRL), certified payrolls each week beginning three weeks after the start of work. The Department will not accept payrolls not uploaded via CRL (no handwritten payrolls). These payrolls shall include but not limited to the following:

1. Employee name, address, social security number, classification, and hours worked.
2. The basic hourly and overtime rate paid, total pay, and the manner in which fringe benefit payments have been irrevocably made.
3. The contract ID and pay week dates.
4. Signature of an authorized company representative will be done online through CRL. CRL Requirements with interactive training guides can be found at transportation.ohio.gov/CRL.

Additionally, a copy of the "Apprentice Certification" obtained from the Ohio State Apprenticeship Council, must accompany all certified payrolls submitted for all apprentices working on this project. Instructions for attaching the apprenticeship certificate can also be found at transportation.ohio.gov/CRL under Attaching the Apprenticeship Certificate.

Please be aware that it is ultimately the responsibility of the Contractor to ensure that all laws relating to prevailing wages in the USDOL Regulations, Title 29, parts 1 and 5, are strictly adhered to by all subcontractors on the project.

If the Contractor or any subcontractor fails to comply with any of the provisions contained in this proposal note, the Department may terminate the contract, debar the Contractor or Subcontractor and/or withhold or suspend pay estimates after written notice and a reasonable opportunity to comply has been provided.

PN 050 - 10/15/2004 - LIMITATION ON USE OF CONTRACT FUNDS FOR LOBBYING

1. The prospective bidder certifies, by signing and submitting this bid proposal, to the best of his or her knowledge and belief, that:
 - a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying" in accordance with its instructions.
2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. This certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective bidder also agrees by submitting his or her bid proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

PN 045 - 10/15/2004 - NON - COLLUSION AFFIDAVIT

In accordance with Title 23 United States Code, Section 112 and Ohio Revised Code, Chapter 1331 et. seq; and Sections 2921.11 and 2921.13, the bidder hereby states, under penalty of perjury and under other such penalties as the law provides, that he or his agents or employees have not entered either directly or indirectly into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal. Execution of this proposal on the signature portion thereof shall constitute also signature of this Non-Collusion Affidavit as permitted by title 28 United States Code, Section 1746.

REPORTING BID RIGGING

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

PN 133 – 07/18/2025 – PRODUCTS PRODUCED IN THE UNITED STATES

The requirements of this note replace the domestic material requirements in 106.09 of the Construction & Material Specifications.

Furnish products that are produced in the United States according to the applicable provisions of the Infrastructure Investment and Jobs Act (IIJA), Pub. L. No. 117-58, which includes the Build America, Buy America Act (BABA) Pub. L. 117-58, §§ 70901-27, and 23 CFR 635.410.

A. Federal Requirements. All steel or iron products incorporated permanently into the Work must be made of steel or iron produced in the United States and all subsequent manufacturing must be performed in the United States. "Manufacturing" is any process that modifies the chemical content; physical shape or size; or final finish of a product. Manufacturing as it relates to steel or iron products begins with the initial melting and mixing and continues through the bending and coating stages.

"Manufactured products" means articles, materials, or supplies that have been processed into a specific form and shape, or combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies. If a domestic product is taken out of the United States for any process, it becomes a foreign source material.

All manufactured products used in the project must be manufactured in the United States ("final assembly requirement") and have greater than 55 percent of the manufactured product's components, by cost, be mined, produced, or manufactured in the United States ("55 percent requirement"). "Component" means an article, material, or supply, whether manufactured or unmanufactured, incorporated directly into a manufactured product or, where applicable, an iron or steel product. If a manufactured product is

predominately iron, steel or a combination of both it must meet the above requirements for steel or iron products. Predominately iron or steel or a combination of both means the total cost of the iron and steel content exceeds 50 percent of the total cost of all its components. Manufactured products on projects that receive Federal authorization on or after October 1, 2025 must meet the final assembly requirement. Manufactured products on projects that receive Federal authorization on or after October 1, 2026 must meet the final assembly requirement and the 55 percent requirement.

All construction materials must be produced in the United States—this means that all manufacturing processes for the construction material occurred in the United States.

“Construction materials” includes an article, material, or supply—other than an item of primarily iron or steel; 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 and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Fiber optic cable (including drop cable);
- Optical fiber;
- Lumber;
- Engineered wood; and
- Drywall.

To provide clarity to item, product, and material manufacturers and processors, we note that items that consist of two or more of the listed materials that have been combined together through a manufacturing process, and items that include at least one of the listed materials combined with a material that is not listed through a manufacturing process, should be treated as manufactured products, rather than as construction materials. For example, a plastic framed sliding window should be treated as a manufactured product while plate glass should be treated as a construction material.

Construction materials brought on site and combined with other materials are not considered manufactured products.

Precast concrete products that are classified as manufactured products must have their predominantly iron or steel components meet the above requirements for iron and steel. The cabinets or other enclosures of intelligent transportation systems (ITS) and other electronic hardware systems that are installed in the highway right of way and classified as manufactured products must comply with the above requirements for iron and steel if the cabinet or enclosure is predominately iron or steel.

B. Exceptions. The Director may grant specific written permission to use non-domestic steel or iron products in any type of construction in accordance with 23 CFR 635.410(b)(4). The Director may grant such exceptions under the following condition:

- The cost of products to be used does not exceed 0.1 percent of the total Contract cost, or \$2,500, whichever is greater. The cost is the value of the product as delivered to the project.

The Director may grant specific written permission to use non-domestic construction materials or manufactured products in any type of construction in accordance with 2 CFR Part 184. The Director may grant such exceptions under the following conditions:

- The total value of the non-compliant products is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project; or

- applicable costs are defined as the cost of materials (including the cost of any manufactured products) used in the project that are subject to a domestic preference requirement
- the actual cost of the materials, not the anticipated cost of those materials.
- The total amount of the Federal financial applied to the project, through awards or subawards, is below \$500,000;

The Contractor may request an exception on forms provided by the Department.

The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project, but are not an integral part of the structure or permanently affixed to the infrastructure project.

C. Proof of Domestic Origin. Furnish certification to the Engineer showing the domestic origin of all products covered by this section before they are incorporated into the Work. The Daily Source Report form itself is not acceptable certification of domestic origin. Non-domestic product(s) incorporated into the Work does not relieve the Contractor of any responsibility to correct the Work up to and including removal and replacement of the non-domestic product(s). Products without a traceable domestic origin will be treated as a non-domestic product.

PN 040 – 05/30/23 - PROHIBITION OF THE EXPENDITURE OF PUBLIC FUNDS FOR OFFSHORE PURPOSES

Executive Order 2022-02D “*State of Ohio’s Response to Russia’s Unjust War on the Country of Ukraine*” prohibits purchases from or investment in a Russian institution or company. This Order shall be read in conjunction with Executive Order 2019-12D “*Governing the Expenditure of Public Funds for Offshore Services*” which already largely prohibits the contracting and purchasing of services from overseas sources, including subcontractors.

The Ohio Department of Transportation will not enter into any contract to purchase services provided outside of the United States or that allows State Data to be sent, taken, accessed, tested, maintained, backed-up, stored, or made available remotely outside of the United States, unless a duly signed waiver from the Department of Administrative Services has been obtained. State Data includes all data and information provided by, created by, created for, or related to activities of the State and any information from, to, or related to all persons that conduct business activities within the State, including, but not limited to Sensitive Data. Sensitive Data means any type of data that presents a high or moderate degree of risk if released, disclosed, modified, or deleted or disclosed without authorization.

Notwithstanding any other terms of this Contract, the Department reserves the right to recover any funds paid for services the Contractor performs outside of the United States for which it did not receive a waiver. The Department does not waive any other rights and remedies provided to the Department in the Contract.

Further, the Department will not make any purchase from or investment in any Russian institution or company. Notwithstanding any other terms of this Contract, the Department reserves the right to recover any funds paid to the Contractor for purchases or investments in a Russian institution or company in violation of Executive Order 2022-02D. The provisions of this paragraph will expire when the applicable Executive Order is no longer effective.

The Contractor must sign and complete the attached Affirmation and Disclosure Form and return the form with the executed contract. By signing the Disclosure and Affirmation Form, the Contractor is acknowledging that it understands and will meet the requirements of the above prohibitions. During the performance of this Contract, if the Contractor changes or adds to the location(s) disclosed on the Affirmation and Disclosure Form, Contractor must complete and submit a revised Affirmation and Disclosure Form reflecting such changes.

(The remainder of this page is left intentionally blank.)

AFFIRMATION AND DISCLOSURE FORM

Contractor affirms that Contractor has read and understands the applicable Executive Orders regarding the prohibitions of performance of offshore services, locating State data offshore in any way, or purchasing from Russian institutions or companies.

Contractor shall provide all the name(s) and location(s) where services under this Contract will be performed and where data is located in the spaces provided below or by attachment. Failure to provide this information may result in no award. If the Contractor will not be using subcontractors, indicate "Not Applicable" in the appropriate spaces.

1. Principal location of business of Contractor:

(Address)

(City, State, Zip)

Name/Principal location of business of subcontractor(s):

(Name)

(Address, City, State, Zip)

(Name)

(Address, City, State, Zip)

2. Location where services will be performed by Contractor:

(Address)

(City, State, Zip)

Name/Location where services will be performed by subcontractor(s):

(Name)

(Address, City, State, Zip)

(Name)

(Address, City, State, Zip)

3. Location where state data will be located, by Contractor:

_____	_____
(Address)	(City, State, Zip)

Name/Location(s) where state data will be located by subcontractor(s):

_____	_____
(Name)	(Address, City, State, Zip)

_____	_____
(Name)	(Address, City, State, Zip)

_____	_____
(Name)	(Address, City, State, Zip)

_____	_____
(Name)	(Address, City, State, Zip)

_____	_____
(Name)	(Address, City, State, Zip)

Contractor affirms, understands, and agrees that Contractor and its subcontractors are under a duty to disclose to the State any change or shift in location of services performed by Contractor or its subcontractors before, during and after execution of any contract with the State. Contractor agrees it shall so notify the State immediately of any such change or shift in location of its services. The State has the right to immediately terminate the contract, unless a duly signed waiver from the State has been attained to perform the services outside the United States.

On behalf of the Contractor, I acknowledge that I am duly authorized to execute this Affirmation and Disclosure Form and have read and understand that this form is a part of any Contract that Contractor may enter into with the State and is incorporated therein.

By: _____
Contractor

Print Name: _____

Title: _____

Date: _____

PN 034 – 07/19/2024 – Supplemental Specification 832 Compensation

All BMP listed in SS832 Appendix F are compensated per SS832, Appendix F dated July 19, 2024

PN 107 - 10/19/2018 - CRITICAL PATH METHOD PROGRESS SCHEDULE FOR MULTI-SEASON PROJECTS

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A. General. The progress schedule required for this project is the critical path method schedule (CPM schedule). The Contractor shall designate a Schedule Representative who shall be responsible for coordinating with the Engineer during the preparation and maintenance of the schedule. The requirements of this note replace the progress schedule requirements in 108.03 of the Construction & Material Specifications. The contractor shall submit an interim schedule followed by a baseline schedule, or only a baseline schedule, depending on when the contractor starts work as described below.

B. Interim Schedule. If the Contractor starts work within 60 days of execution of the contract, they shall submit an interim schedule. The interim schedule should be in CPM schedule format. The interim schedule shall include detailed activities for the work to be accomplished during the first 90 days of the Contract, and

summary activities for the balance of the work. Include in the interim schedule columns for Activity ID, Activity Description, Original Duration, Remaining Duration, Total Float, Start Date, Finish Date, and Calendar ID.

C. Baseline Schedule. The Contractor shall submit a baseline schedule within 60 days of the execution of the Contract. The baseline schedule will be in CPM schedule format and as described below. The Engineer will review the baseline schedule and will either “approve”, “approve as noted” or “reject” the schedule within 21 days of receipt. If the Engineer does not provide written notification regarding the disposition of the baseline schedule within 21 days, the submission will be considered approved.

For baseline schedules that are “approved as noted”, the Contractor shall make the necessary revisions and resubmit the revised schedule within 14 days. The Engineer will only reject baseline schedules that are not in compliance with contract requirements.

For baseline schedules that are “rejected”, the Engineer shall indicate in writing all portions of the schedule that are not in compliance with the contract requirements. The Project Engineer shall conduct a mandatory meeting with the Contractor and the Contractor’s Schedule Representative within 14 days of the Engineer’s written notice. The purpose of this meeting is to resolve all issues with the baseline schedule. At this meeting the Contractor shall provide clarification and all requested information necessary for the Engineer to “approve” the baseline schedule.

In the event the baseline schedule is not “approved” within 120 days of execution of the contract, all work shall cease on the project until the baseline schedule is “approved”.

Approval of the baseline schedule does not revise the Contract Documents. The baseline schedule must be “approved” or “approved as noted” by the Engineer prior to the Engineer evaluating any contractor claims associated with time impacts.

1. Schedule Requirements. Submit an .xer or .xml file (to be determined by the Engineer) prepared in Primavera software manufactured by Oracle. The Department will “Import” or accept progress schedule files from the Contractor. All Calendars assigned to activities must be project level Calendars not Global or Resource Calendars; all Activity Codes shall be project level and not Global or EPS level Activity Codes; no Resources shall be assigned to activities, and no Project Codes shall be assigned.

Table 1 – Schedule Filename Convention			
Progress Schedule	1st Submission	2nd Submission	3rd Submission
Interim Schedule	YYPPPP01IS	YYPPPP02IS	YYPPPP03IS
Baseline Schedule	YYPPPP01B	YYPPPP02B	YYPPPP03B
Schedule Update #1	YYPPPP01SU01	YYPPPP02SU01	YYPPPP03SU01
Schedule Update #2	YYPPPP01SU02	YYPPPP02SU02	YYPPPP03SU02
Delay Analysis	YYPPPP01TIA01	YYPPPP02TIA01	YYPPPP03TIA01
Weather Delay Analysis	YYPPPP01WD01	YYPPPP02WD01	YYPPPP03WD01
Recovery Schedule	YYPPPP01RS01	YYPPPP02RS01	YYPPPP03RS01

YY – Project Year PPPP – Project Number

Provide a working day schedule that shows the various activities of work in sufficient detail to demonstrate a reasonable and workable plan to complete the Project by the Original Contract Completion Date. Show the order and interdependence of activities and the sequence for

accomplishing the work. Describe all activities in sufficient detail so that the Engineer can readily identify the work and measure the progress of each activity. The baseline schedule must reflect the scope of work, required phasing, maintenance of traffic requirements, interim completion dates, the Completion Date, and other project milestones established in the Contract Documents. Include activities for submittals, working drawings, shop drawing preparation, submittal review time for the Department shop drawings, material procurement and fabrication, and the delivery of materials, plant, and equipment, and other similar activities.

The Contractor shall be responsible for assuring all work, including all subcontractor work, is included in the schedule. The Contractor shall be responsible for assuring that all work sequences are logical and that the schedule indicates a coordinated plan.

Failure by the Contractor to include any element of work required for performance of the Contract shall not excuse the Contractor from completing all work within the required time. The Engineer's review of the baseline schedule will be for compliance with the specifications and contract requirements. Approval by the Engineer will not relieve the Contractor of any of their responsibilities for the accuracy or feasibility of the schedule. Omissions and errors will be corrected as described in Section F or I in this note and will not affect contract time.

a) Administrative Identifier Information:

- i. Project Number
- ii. County
- iii. Route Number
- iv. FHWA Number
- v. PID Number
- vi. Contract Signed Date
- vii. Completion Date
- viii. Contractor's Name
- ix. Contractor's Dated Signature
- x. ODOT's Dated Approval Signature

b) Project Activities:

- i. Activity Identification (ID). Assign each activity a unique identification number. Activity ID length shall not exceed 10 characters. Once accepted, the Activity ID shall be used for the duration of the project.
- ii. Activity Name. Each activity shall have a narrative description consisting of a verb or work function (e.g.; form, pour, excavate) and an object (e.g.; slab, footing, underdrain). Do not include commas in the narrative description.

- iii. Activity Original Duration. Assign a planned duration in working days for each activity. Do not exceed a duration of 20 working days for any construction activity, unless approved by the Engineer. Activity durations will be in whole days, do not include decimals in the durations. Do not represent the maintenance of traffic, erosion control, and other similar items as single activities extending to the Completion Date. Break these Contract Items into component activities in order to meet the duration requirements of this paragraph.
 - iv. Activity Relationships:
 - All activities, except the first activity, shall have a predecessor(s). All activities, except the final activity, shall have a successor(s).
 - Use only finish-to-start relationships with no leads or lags to link activities, or use start-to-start relationships with lags no greater than the predecessor duration to link activities.
 - Use of finish-to-finish relationship is required when both activities are already linked with a start-to-start relationship.
 - Negative lags are not allowed with any relationship
- c) Project Milestones:
- i. Start Project: The Contractor shall include as the first milestone in the schedule, a milestone named "Start Project". The date used for this milestone is the date the contract is executed and signed by the Department.
 - ii. End Project Milestone: The Contractor shall include as the last activity in the project schedule, a milestone named "End Project". The date used for this milestone is considered the project completion date.
 - iii. Start Phase Milestone: The Contractor shall include as the first activity for a project phase, an activity named "Start Phase X", where "X" identifies the phase of work. The Contractor may include additional milestones but, as a minimum, must include all contractual milestones.

- iv. End Phase Milestone: The Contractor shall include as the last activity in a project phase, an activity named "End Phase X" where "X" identifies the phase of work. The Contractor may include additional milestones, but at a minimum contractual milestones.
 - d) Level of Effort Activities:
Use level of effort activities to show the duration of specified contract work periods, phases and road closures. The level of effort activity type is allowed to have a start-to-start relationship with the first activity in a series of activities and a finish-to-finish relationship with the last activity in a series of activities.
 - e) Constraints:
Use constraints sparingly in the schedule. If constraints are used, use only Early Constraints or Late Constraints.
 - f) Calendars:
Weather, seasonal (winter) and environmental shutdown periods shall be shown using non-work calendars. The activity can be assigned to a calendar indicating time periods of non-work. These custom calendars can be created to show days, weeks, or months of non-work. Weather and seasonal conditions, as shown in CMS 108.06-1, shall be evenly dispersed into the CPM schedule calendars as non-work days and be included in the planning and scheduling of all work. All calendars developed by the Contractor shall be established as Project Calendars, with the calendar name including the project year, project number and describing the function (i.e. 160345 – 5 day workweek, 160345 – earthwork, 160345 – structures, 160345 – asphalt, 160345 – concrete cure, 160345 – environmental restriction, 160345 – 7 day week, etc.). Each calendar should indicate an 8 hour workday. No Global Calendars shall be incorporated into any progress schedule submission. Project Calendars cannot inherit holidays and exceptions from a Global Calendar.
 - g) Activity Codes:
The Contractor shall, at a minimum, include Project Activity Codes for Area, Phase, and Responsibility for each activity. Work Breakdown Structure is permitted, but is not be used in lieu of Activity Codes. No Global Activity Codes shall be incorporated into any progress schedule submission.
 - h) Schedule Options:
The schedule may only be calculated using retained logic. Show open ends as non-critical. Total float shall be calculated as finish float. Ignore relationships to and from other projects.
2. Submission Requirements. Submit all schedules within the time frames specified. Submit the schedule and information in electronic file format via email or compact disc (CD) compatible with the Engineer's computer. Submit the following information along with the electronic baseline schedule:

- a) A pdf of the baseline schedule in CPM format including the Administrative Identifier Information discussed in Section C.1.a on the first page of the schedule. For each activity on the chart, indicate the Activity ID, Activity Description, Original Duration, Remaining Duration, Total Float, Start Date, Finish Date, and Calendar ID. Use arrows to show the relationships among activities. Identify the critical path of the project on the bar chart in red. The critical path is defined as; the longest path of activities in the project that determines the project completion date. The activities that make-up the critical path of activities are the "Critical Activities."
- b) A pdf of the Six Week Look Ahead Schedule in CPM format. This schedule will have all the requirements of the baseline schedule in bar chart format except that it shall be limited to those activities that have an early start or early finish within a six week period of the data date.
- c) A complete Scheduling/Leveling Report (SCHEDLOG.TXT file generated by the Primavera scheduling software application) which includes Schedule Settings, Statistics, Errors, Warnings, Scheduling/Leveling Results, Exceptions, Activities with unsatisfied constraints, Activities with unsatisfied relationships, and Activities with external dates. The statistics shall include, number of Activities, number of Activities Not Started, number of Activities In Progress, number of Activities Completed, number of Activity Relationships, and number of Activities with Constraints. Total number of activities on the critical path, percent complete, activities without predecessors, activities without successors, and activities out of sequence.

D. Float. Use of float suppression techniques, such as; preferential sequencing (arranging critical path through activities more susceptible to Department caused delay), lag logic restraints, zero total or free float constraints, extending activity times, or imposing constraint dates other than as required by the contract, shall be cause for rejection of the project schedule or its updates.

1. Definitions of Float: Total Float is the length of time along a given network path that the actual start and finish of activity(s) can be delayed without delaying the project completion date. Project Float is the length of time between the End Project Milestone and the Contract Completion Date.
2. Ownership of Float: Float available in the schedule, at any time shall not be considered for the exclusive use of either the Department or the Contractor. During the course of contract

execution, any float generated due to the efficiencies of either party is not for the sole use of the party generating the float; rather it is a shared commodity to be reasonably used by either party. Efficiencies gained as a result of favorable weather within a calendar month, where the number of days of normally anticipated weather is less than expected, will also contribute to the Project Float. A schedule showing work completing in less time than the contract time, and accepted by the Department, will be considered to have Project Float. Project Float will be a resource available to both the Department and the Contractor. No time extensions will be granted nor delay damages paid unless a delay occurs which impacts the project's critical path, consumes all available float and extends the work beyond the Contract Completion Date.

3. **Negative Float:** Negative float will not be a basis for requesting time extensions. Any extension of time will be addressed in accordance with the Section F. Scheduled completion date(s) that extend beyond the contract (or phase) completion date(s) may be used in computations for assessment of liquidated damages. The use of this computation is not to be construed as an order by the Department to accelerate the project.

E. Monthly Update Schedule. A monthly update schedule is a schedule in which only progress is updated from the prior data date to the current data date. Work added and/or excusable delays encountered since the prior data date must be represented as a schedule revision as described in Section F.

1. **Update Requirements.** On the tenth day of the current month, during the life of the Project, submit an updated schedule and all required information with a data date of the first day of the current month. The date for submission and data date may be adjusted to accommodate regularly scheduled progress meetings. Submit the monthly updated bar chart and the updated schedule in electronic format in Section C.2. The Engineer shall "approve" or "reject" the schedule update within 7 days of receipt of the updated CPM schedule. The Engineer may withhold estimates if the updated schedule is not submitted as required by this section. For each updated schedule, identify the actual start and finish dates for all completed activities and the actual start date and remaining duration for all activities in progress. Correct out-of-sequence progress listings generated by the Scheduling Statistics Report on the critical path only. The project schedule shall be reviewed at each monthly progress meeting. Any corrections shall be made prior to the next monthly progress meeting.

Submit the following with each updated schedule:

- i. A pdf of the updated schedule in CPM format.

- ii. A pdf of the Six Week Look Ahead Schedule in CPM Format
 - iii. Provide a written narrative that identifies any non-critical revisions or shifts in the critical path and submit reasons for the changes or shifts in the critical path.
 - iv. A complete Scheduling/Leveling Report (SCHEDLOG.TXT) file generated by the Primavera scheduling software application.
 - v. A pdf of the Claim Digger Report (generated by the Primavera Software application) providing a comparison between this updated schedule and the previous Monthly Updated Schedule.
 - vi. Electronic files (formatted as described above)
2. Early Completion Monthly Update Schedule. An Early Completion Monthly Update Schedule is defined as a monthly update schedule submitted by the Contractor in which the Finish Date precedes the Contract Completion Date. If after incorporating necessary revisions in accordance with Section F, the Finish Date precedes the Contract Completion Date by at least the number of days shown Table A the Engineer will initiate a change order amending the Contract Completion Date to the Early Completion Date shown on the accepted Early Completion Monthly Update. The amended Completion Date will be effective upon execution of that change order and all contract provisions concerning the Completion Date such as incentives, disincentives, excusable delays, compensable delays, and liquidated damages will be measured against the amended Completion Date. The Contractor may elect not to execute the change order amending the Completion Date; however, in so doing, the Contractor waives its rights to delay damages in meeting the projected early Completion Date and the time between the Early Completion Date and the Contract Completion Date is used as Project Float.

Table A

<u>Original Project Duration</u>	<u># days prior to Contract Completion Date</u>
one year or less	30
one year to two years	60
two years or more	90

3. Late Completion Monthly Update Schedule. A Late Completion Monthly Update Schedule is defined as a monthly update schedule submitted by the Contractor in which the Finish Date exceeds the Contract Completion Date. In the event the Finish Date is more than 14 days

beyond the current contract completion date and a schedule revision is not warranted, the contractor must proceed in accordance with Section H.

F. Revisions. The Work may require and/or the Contractor may make revisions to the CPM schedule. Addition of new activities or new calendars or changes to existing activities, calendars or logic constitute a revision.

1. Any revision which modifies the critical path or impacts an interim date or project completion date must be represented on a companion schedule submitted with the monthly update schedule. A fragnet shall be used to define the sequence of new activities that are proposed to be added to the existing schedule. The fragnet shall identify the predecessors to the new activities and demonstrate the impacts to successor activities. If submitted as a fragnet, the Contractor shall compute two Finish Dates. The first Finish Date shall be computed without consideration of any impact by the fragnet. The second Finish Date shall be computed with consideration of any impact by the fragnet. The Contractor shall also submit a written narrative stating the reason for the proposed revisions.
2. Any revision which does not modify the critical path or the interim date or project completion date can be submitted in a narrative form accompanying the monthly update schedule. The narrative shall include the reason for the revisions.

The Engineer shall "approve" or "reject" proposed revisions within ten days of receipt of appropriate schedules and narrative. All approved revisions will be incorporated into the Monthly Update Schedule which will become the Revised Monthly Update Schedule.

G. Time Extensions for Delays in Accordance with C&MS 108.06.B and 108.06.D. The Work may require and/or the Contractor may request an extension of the Completion Date. Perform the following analysis to compute the duration of the time extension. Submit a pdf copy and an electronic copy of each analysis performed.

1. Determine project progress prior to circumstance(s) necessitating the time extension. The previous accepted monthly update, updated to the date of the circumstance alleging to have caused delay, shall be used to display the prior progress of the project. This schedule is referred to as the Un-impacted Schedule
2. Prepare a fragmentary network (fragnet) depicting the circumstance that is believed to have delayed the project.
3. Insert the fragnet into the Un-impacted Schedule, run the schedule calculations and determine the finish date. This schedule is referred to as the Impacted Schedule.

4. Compare the Impacted Schedule finish date with the Un-impacted Schedule finish date in order to determine the duration of any warranted time extension.

Submit the impacted schedule with the request for time extension. Include a narrative report describing the effects of new activities and relationships to interim and contract completion dates. All approved time extensions will be incorporated into the monthly update with the fragnet used to determine impacts incorporated into the schedule.

H. Weather Days in Accordance with C&MS 108.06.C. The Contractor may request and/or the Engineer will determine an extension of the completion date due to weather days. Perform the following analysis to compute the duration of the time extension. Submit a pdf copy and an electronic copy of each analysis performed.

1. The previously accepted monthly update shall be used to display progress of the project and planned activities for the next 30 day period that incurred weather days. Make a copy of the schedule file to use for the analysis. This schedule is referred to as the Non-weather Schedule.
2. Prepare a list of actual weather days believed to have delayed the project and the activities that were impacted.
3. Utilizing the calendar(s) of those impacted activities, remove any planned weather days. Insert the actual weather day(s) into the calendar(s) for the planned work as a non-work day. Run the schedule calculations and determine the finish date. This schedule is referred to as the Weather Schedule.
4. Compare the Weather Schedule finish date with the Non-weather Schedule finish date in order to determine the duration of any warranted time extension.

Submit the weather schedule with the request for time extension on a monthly basis. Include a narrative report describing the effects of weather days to interim and contract completion dates.

I. Recovery Schedule. If the Monthly Update Schedule or Revised Monthly Update Schedule projects a finish date for the Project more than 14 calendar days later than the current Completion Date, submit a recovery schedule showing a plan to finish by the current Completion Date if requested by the Engineer. The Department will withhold Estimates until the Engineer approves the recovery schedule. The Engineer will use the schedule to evaluate time extensions and associated costs requested by the Contractor. In the event the current Completion Date is in dispute, the recovery schedule will need to be submitted once the dispute has been resolved.

J. Basis of Payment. The Department will make partial payments according to C&MS 109.09 and as modified by the following schedule:

1. The Department will release 60 percent of the lump sum amount bid for CPM Progress Schedule to the Contractor with the first regular estimate payable after the Engineer has approved the CPM Baseline schedule submission.

2. The Department will release an additional 30 percent of the lump sum amount bid for CPM Progress Schedule to the Contractor with the first regular estimate payable after 50 percent of the original contract amount is complete.
3. The Department will release the remaining 10 percent of the lump sum amount bid for CPM Progress Schedule to the Contractor with the first regular estimate payable after 90 percent of the original contract amount is complete.

The Department will pay for the accepted quantities at the contract price as follows:

Item	Unit	Description
108E10000	Lump Sum	CPM Progress Schedule

PN 108 – 10/21/2022 DISPUTE RESOLUTION BOARD PROCESS

The Department's Dispute Resolution Board Process is based upon the partnering approach to construction administration and must be followed by the Contractor in order to resolve disputes on the project.

Purpose

The purpose of the Dispute Resolution Board (DRB) is to provide special expertise to assist in and facilitate the timely and equitable resolution of disputes and claims. The goal is to avoid delays to the contract work, minimize the expense of settlement, avoid litigation, and promote project partnering. The DRB will render non-binding recommendations on issues brought before them.

DRB Membership

The DRB will consist of three members. One member is selected by the Department and approved by the Contractor and one member is selected by the Contractor and approved by the Department. These first two members will mutually select and agree on the third member who will complement the construction and contract administration experience of the first two members and act as the Chair for all DRB activities. All three members must meet the "Requirements of DRB Members" set forth below.

Requirements of DRB Members

Members of the DRB shall have at least ten years of experience with the type of construction involved on this project, construction contract administration principles, and dispute resolution training.

Members of the DRB must not show or be perceived as showing partiality to either the Contractor or the Department. A DRB member shall not have any conflict of interest which could affect their ability to act in a disinterested and unbiased manner.

A person proposed as a member of the DRB shall submit a resume covering his/her applicable education and experience to the party appointing him/her. The resume shall include a list of all DRBs on which he/she currently serves and any projects on which he/she serves as a Dispute Resolution Advisor (DRA) along with meeting frequencies. A disclosure statement shall be submitted and include, but not limited by, any of the following categories of relationships or prior involvement in this project:

- A. Any direct or indirect ownership or financial interest in the Contractor, consultant or consulting firm on the project, subcontractor or supplier on the project or any business of another DRB member.
- B. Current employment by the Department, the Contractor, a consultant or consulting firm on the project, subcontractor or supplier on the project.
- C. Within the one year period immediately prior to award of the contract: employment by the Department or the Contractor, a consultant or consulting firm on the project, any subcontractor or supplier on the project or any business of another DRB member.
- D. A close personal relationship with any key individual in any firm involved in the contract.
- E. A prior involvement in the project of a nature, which might be construed as compromising his/her ability to act impartially in carrying out the duties of the DRB.
- F. A contract as a consultant to the Department or the Contractor or any subcontractor or supplier on the project.

Category "A" and "B" relationships listed above shall disqualify a person from serving on the DRB for this project. The other categories listed above will be considered by the Department and the Contractor in arriving at their decision as to whether or not to accept a person as a member of the DRB. If a prospective DRB member discloses a relationship or prior involvement in this project listed in other than category "A" and "B" and is considered to be highly qualified and desirable as a DRB member, the Department and the Contractor may, by mutual agreement, approve that person to serve as a member on the DRB.

If a person submits a disclosure statement which fails to provide accurate and complete disclosure of a relationship described in A through F above the Department may disqualify that person from serving as a DRA or on a DRB on future Department projects.

Service as a member of other DRBs, as a DRA or as an arbitrator or mediator shall not be construed as employment and therefore will not preclude a person from membership on the DRB for this project.

DRB Establishment

Every attempt shall be made by the Department and the Contractor to complete the selection of DRB members and execute the "Dispute Resolution Board Three-Party Agreement" prior to the date of the preconstruction conference. At a minimum, the following timeframes for establishment of the DRB must be followed.

Within twenty-one (21) calendar days of the signing of the contract, both the Department and Contractor shall each obtain a written commitment from their proposed member to serve as a DRB member along with the resume and disclosure statement. These commitments shall include a clause that requires the first two members to immediately pursue selection of the Chair. Within this same timeframe, the Department and Contractor must also give the other party notice of the person they have selected to serve as a DRB member. This notice shall be accompanied by the resume and disclosure statement.

Within fourteen (14) calendar days of receiving the notice of selection of a DRB member, the Department and the Contractor shall notify the other party in writing as to whether or not the person selected is acceptable. Failure to give this notice within the required timeframe shall be construed to be acceptance of that member.

If a person selected is not acceptable to the other party, the party who selected that person shall within seven (7) calendar days select another person and provide to the other party a notification accompanied by the resume and disclosure statement submitted by that person. Within seven (7) calendar days written notification shall be given as to whether or not the person selected is acceptable. Failure to give this notice within the required timeframe shall be construed to be acceptance of that member.

Once the Department and the Contractor have agreed upon the first two members of the DRB they shall immediately notify those members of their approval. Within seven (7) calendar days of this notification, the Department and Contractor will each provide the first two members with a list of not less than two (2) potential members from which the Chair will be selected. Within seven (7) calendar days of receipt of the list of potential members, the first two members shall select the Chair ensuring that the Chair meets all the "Requirements of DRB Members" set forth above and give written notice to both the Department and Contractor accompanied by that person's resume and disclosure statement. In the event of an impasse in selection of the Chair, that member shall be selected by mutual agreement of the Department and Contractor.

Immediately after agreement is reached on all members of the DRB, the Department, Contractor, and the members of the DRB shall execute the "Dispute Resolution Board Three Party Agreement" as provided at the end of this proposal note. The execution of this agreement will not modify the requirements, terms, or conditions of the contract.

DRB Member Termination

If during the life of the contract, a DRB member's status changes in regard to category "A" or "B" categories set forth in the "Requirements for DRB Members" above he/she shall immediately disclose this in writing to both the Department and the Contractor. Upon receiving such notification, the Department or the Contractor may, within seven (7) calendar days, give notice that this DRB member is no longer acceptable. In no event, shall a DRB member participate in a hearing of a dispute or claim involving a firm by which he/she is employed.

Service of a member of the DRB may be terminated at any time with not less than thirty (30) calendar days' notice as follows:

- A. The Department may terminate the service of the Department appointed member.
- B. The Contractor may terminate the service of the Contractor appointed member.
- C. The Chair's service may be terminated only by agreement of the other two members.
- D. Resignation of the member.

DRB Member Replacement

In the event that a vacancy on the DRB occurs, replacement members will be appointed in the same manner as the replaced member was appointed. The selection of a replacement DRB member shall be completed within thirty (30) days of the creation of the vacancy. The "Dispute Resolution Board Three Party Agreement" shall be amended to reflect the change of a DRB member.

DRB Operation and Duties

The DRB, with input from the Department and the Contractor, will establish its Operating Procedures for Dispute Resolution by adopting the "Dispute Resolution Board (DRB) Operating Procedures for Dispute Resolution" which can be found on ODOT's Disputes and Claims website. These procedures may be tailored to each individual project.

The Department and the Contractor shall mutually agree on the appropriateness of holding in-person update status meetings or Dispute hearings or holding such meetings virtually.

The members of the DRB will keep current on the progress of this project by: 1) quarterly visits of the project, either In-person or virtually, 2) keeping current files, 3) meetings with other DRB members, and 4) joint meetings with Department and Contractor personnel. The frequency of project visits and meetings and content of members' files shall be as agreed upon among the Department, the Contractor, and members of the DRB.

The Chair shall be responsible for arranging and conducting meetings, hearings, mediation sessions, project visits, and drafting DRB recommendations on claims presented to the DRB.

The DRB will not maintain an official transcript of its hearings or deliberations. The DRB members shall perform their responsibilities impartially and independently considering the facts and conditions related to the matters under consideration and the provisions of the contract.

Should the Department and the Contractor mutually agree to terminate a "Dispute Resolution Board Three Party Agreement," the existing "Resolution Review Board Three Party Agreement" will remain in force until replaced by another fully executed "Dispute Resolution Board Three Party Agreement."

The DRB will exist for the life of this project only and will not review disputes or claims on any other project unless as otherwise agreed upon by the Department and the Contractor. If, after the Department has made final acceptance of the project, there are unresolved disputes and claims remaining, the "Dispute Resolution Board Three Party Agreement" shall remain active and in full force and effect until the project is otherwise administratively closed by the Department following final payment so that the DRB may continue in operation until all unresolved disputes and claims are resolved.

Disputes and Claims

Disputes include disagreements, matters in question, and differences of opinion between the Department's personnel and the Contractor. Claims are disputes that are not settled through Steps 1 and 2 of the Dispute Resolution Board Process.

Disputes and claims by subcontractors and suppliers may be pursued by the Contractor on behalf of subcontractors or suppliers. Disputes and claims by subcontractors and suppliers against the Contractor will not be reviewed by the Department or DRB. Disputes and claims by subcontractors and suppliers against the Department but not supported by the Contractor will not be reviewed by the Department or the DRB.

Process

Whenever an issue is elevated to a dispute, the parties shall exhaust the Dispute Resolution Board Process as set forth below prior to filing an action in the Ohio Court of

Claims. The following procedures do not compromise the Contractor's right to seek relief in the Ohio Court of Claims.

Failure to meet any of the timeframes outlined below or to request an extension will terminate further review of the dispute and serve as a waiver of the Contractor's right to file a claim.

Continuation of Work.

Continue with all Work, including that which is in dispute. The Department will continue to pay for Work.

Step 1 (Project Level Determination).

The Engineer will meet with the Contractor's superintendent within two (2) working days of receipt of the Contractor's Written Early Notice set forth in 108.02.F.2. Jointly review all pertinent information and contract provisions and negotiate in an effort to reach a resolution according to the Contract Documents. If the Engineer has considered all information previously offered by the Contractor when considering the Written Early Notice, a written decision at that time shall be considered a Step 1 decision if the Engineer's response clearly states it is in response to the Written Early Notice. If not, the Engineer will issue a written decision of Step 1 within fourteen (14) calendar days of the meeting. If the dispute is not resolved, either abandon or escalate the dispute to Step 2.

Step 2 (District Dispute Resolution Committee).

Each District will establish a District Dispute Resolution Committee (DDRC) which will be responsible for hearing and deciding disputes at the Step 2 level. The DDRC will consist of the District Deputy Director, District Construction Engineer and the Capital Program Administrator or designees (other than the project personnel involved in the dispute).

Within seven (7) calendar days of receipt of the Step 1 decision submit a written request for a Step 2 meeting to the District Construction Engineer (DCE). The DCE will assign the dispute a dispute number. The dispute number will consist of the District number, followed by a hyphen, the project number, followed by a hyphen and then the number of disputes on this project that this dispute represents. Within fourteen (14) calendar days of receipt of the request for a Step 2 meeting, electronically submit the Dispute Documentation to the DCE as follows: the Contractor shall submit the Dispute Documentation as follows:

- a) Identify the dispute on a cover page by county, project number, Contractor name, subcontractor or supplier if involved in the dispute, and dispute number.
- b) Clearly identify each item for which additional compensation and time extension requested.

- c) Provide a detailed narrative of the disputed work or project circumstance at issue. Include the dates of the disputed work and the date of early notice.
- d) Reference the applicable provisions of the plans, specifications, proposal, or other contract documents in dispute. Include copies of the cited provisions in the Dispute Documentation.
- e) Include the dollar amount of additional compensation and length of contract time extension being requested.
- f) Include supporting documents for the requested compensation stated above.
- g) Provide a detailed schedule analysis for any dispute concerning additional contract time, actual or constructive acceleration, or delay damages. At a minimum, the schedule analysis must include the Schedule Update immediately preceding the occurrence of the circumstance alleged to have caused delay and must comport with accepted industry practices. Failure to submit the required schedule analysis will result in the denial of that portion of the Contractor's request.
- h) Include copies of relevant correspondence and other pertinent documents.

Within fourteen (14) calendar days of receipt of the Contractor's Dispute Documentation, the Engineer will provide the Contractor with all documentation intended to be relied upon at the DDRC meeting to rebut the Contractor's dispute.

After allowing at least fourteen (14) calendar days for the Contractor to review the Engineer's dispute documentation, the DDRC will meet with Contractor personnel authorized to resolve the dispute. The DDRC will issue a written decision of Step 2 within fourteen (14) calendar days of the meeting.

The Department's and Contractor's personnel shall not contact the DRB until a decision has been issued by the DDRC.

Step 3 (Appeal to DRB).

Within fourteen (14) calendar days of receipt of the Step 2 decision, the Contractor must either abandon the dispute or submit a written *Notice of Intent to Appeal to the DRB* to the Chair of the DRB. This notice shall state the Contractor's request for a DRB hearing. The Contractor must also submit an electronic copy of this notice to the DCE and Deputy Director of the Division of Construction Management.

The dispute becomes a claim when the Chair of the DRB receives the *Notice of Intent to Appeal to the DRB*. The DRB will not consider a claim until the DDRC has properly reviewed the dispute and issued a decision.

The Operating Procedures for Dispute Resolution established by the DRB will set forth the Step 3 (Appeal to DRB) process in detail. At a minimum, these procedures will establish both the requirements and timeframes for documentation submissions by both the Contractor and Department, documentation exchange between the Contractor and Department, and the hearing procedures.

The Contractor shall submit its Claim Documentation in accordance with the DRB's Operating Procedures for Dispute Resolution. In addition to the documentation submitted at Step 2, the narrative shall be enhanced to include sufficient description and information to enable understanding by a third party who has no knowledge of the dispute or familiarity with the project. This documentation must also include a discussion of the efforts taken to partner the dispute. The DRB may also require additional information be included in the Contractor's Claim Documentation.

Certify the claim in writing and under oath using the following certification:

I, (Name and Title of an Officer of the Contractor) certify that this claim is made in good faith, that all supporting data is accurate and complete to the best of my knowledge and belief, and that the claim amount accurately reflects the contract amendment for which (Contractor Company name) believes the Department is liable.

(The Contractor)

By: _____
(Name and Title)

Date of Execution: _____

Sign and date this claim certification and have the signature notarized pursuant to the laws of the State of Ohio. The date the DRB Chair receives the certified claim documentation is the date of the Department's Receipt of the Certified Claim for the purpose of the calculation of interest as defined in CMS 108.02.G.4.

In accordance with the DRB's Operating Procedures for Dispute Resolution, the District will be instructed to submit its Claim Documentation in response to the Contractor's Claim Documentation. At a minimum, the District's Claim Documentation must include:

1. An overview of the project.
2. A narrative of the disputed work or project circumstance at issue with sufficient description and information to enable understanding by a third party who has no knowledge of the dispute or familiarity with the project.
3. The dates of the disputed work and the date of early notice.
4. Discuss the efforts taken to partner the dispute.

5. References to the applicable provisions of the plans, specifications, proposal, or other contract documents. Copies of the cited provisions shall be included in the claim document.
6. Response to each argument set forth by the Contractor.
7. Any counterclaims, accompanied by supporting documentation, the District wishes to assert.
8. Copies of relevant correspondence and other pertinent documents.

The DRB may also require additional information be included in the District's Claim Documentation.

In the event of multiple claims, the DRB may order that they be considered in a single hearing. The DRB may hold this hearing after the completion of the project or until such time that it is assured that all disputes on the project have been processed through Steps 1 and 2 of the Dispute Resolution Board Process and these issues are before the DRB.

The DRB will hear the entire claim. The DRB will hear oral presentations from both sides. The DRB may, on its own initiative, request information of the Contractor or the Department in addition to that submitted for the hearing. If either party fails to reasonably comply with such request, the DRB may render its recommendation without such information.

Upon completion of the hearing and consideration of any additional information submitted upon request, the DRB will render its written recommendation within fourteen (14) calendar days of the hearing.

The recommendation of the DRB shall be by majority vote. The recommendation shall be a well-reasoned decision which, at a minimum, shall include:

1. The claim number; the project number; county, route and section number; Contractor name; subcontractor or supplier's name, if involved in the dispute; and the commonly referenced name of the dispute on the cover sheet or the first page of the decision.
2. Sufficient description of the project and the claim to enable understanding by a third party who has no knowledge of the claim or familiarity with the project.
3. The value of the claim as determined by the Contractor, if applicable.
4. The value of the claim as determined by the Department, if applicable.
5. Finding of fact and a conclusion that provides clear direction to the parties.

The Chair must submit an electronic copy of the recommendation to the Contractor, DCE and Deputy Director of the Division of Construction Management

Within three (3) days of receipt of the recommendation, either party may request a meeting of the DRB to hear the DRB's explanation of the recommendation. Within seven (7) days of this request, the Chair shall conduct this meeting with both the Department and the Contractor.

Within twenty-one (21) calendar days of receipt of the recommendation, the Contractor must indicate its intentions in writing to the Department and the Chair in regard to the recommendation. Simultaneously, the Director or designee will determine the Department's intentions in regard to the recommendation. This determination will be issued in writing to the Contractor and the Chair within twenty-one (21) calendar days of receipt of the recommendation.

Either the Department or the Contractor may appeal a recommendation to the DRB for reconsideration. However, reconsideration will only be allowed when there is new evidence to present.

The recommendation of the DRB is the final step of the Department's Dispute Resolution Board Process and may not be appealed within the Department. The DRB is not bound by any offers of settlement or findings of entitlement made during Steps 1 and 2 of the Dispute Resolution Board Process.

Interest on Claims.

The Department will pay interest in accordance with ORC Section 5703.47 on any amount found due on a claim which is not paid within 30 days of the Claims Coordinator's Receipt of the Certified Claim. However, interest will not be paid on the amount of any agreed settlement unless specifically itemized and included in the total settlement prior to agreement.

Binding Arbitration (Optional).

In lieu of the DRB hearing the Contractor may request that the claim proceed through binding arbitration. The Department may agree to binding arbitration as defined by ORC 5525.23 in the manner in which this method is practiced by the Department and allowed by law. At its discretion, the Department may decline the Contractor's request.

ODOT's Dispute Resolution Coordinator will coordinate the agreement of the parties to the binding arbitration method and the selection of a neutral third party or technical expert. The fees of the neutral third party or technical expert will be shared equally. The Dispute Resolution Coordinator will obtain a written agreement, signed by both parties, that establishes the binding arbitration process. Subject to the requirements of ORC 5525.23, the neutral third party or technical expert will assume complete control of the claim upon execution of the binding arbitration agreement.

Advisory Recommendation Process (Optional)

1. Objective

To more fully allow the DRB to act in an advisory capacity to assist the Department and the Contractor in resolving selected disputes, the Advisory Recommendation Process may be used to provide the parties with a preliminary assessment of the merits of each party's position in the dispute based upon the information presented pursuant to this process. The process is meant to be expedient, shall be primarily oral, and will not prejudice a future formal DRB hearing of the dispute.

The Advisory Recommendation Process is not to be substituted for the good faith negotiation efforts. Rather, the Advisory Recommendation Process should be utilized when negotiations have reached a temporary impasse.

2. Identification of Disputes

A dispute may be identified as a candidate for an Advisory Recommendation by the Department, the Contractor, the DRB, or any combination of the above.

3. Concurrence of Both Department and Contractor

Both the Department and the Contractor must concur that the dispute is appropriate for the Advisory Recommendation Process; else, the dispute must proceed through the Dispute Resolution Board process as set forth in Proposal Note 108.

4. Pre-meeting Submittals to the DRB

The DRB will decide the nature of the submissions that it wishes the parties to make, on a case-by-case basis. At a minimum, the DRB will require submission of brief position papers (1 to 2 pages) to all parties. Include copies of relevant specification sections, plans, notes, drawings, and other pertinent Contract and /or Project related documentation. The submission will be made at least fifteen (15) days prior to the next quarterly meeting unless the parties agree to alter the time frames.

5. Scheduling of Advisory Recommendation Meetings

In most cases, the dispute will be scheduled for presentation to the DRB at the DRB's next regularly scheduled meeting. If the parties agree and the schedules permit, a dispute may be heard during the period between the regularly scheduled meetings, in which case, a meeting will be scheduled at a time and location convenient to the parties and the DRB.

6. Conduct of Meetings

The Contractor will make its presentation first, followed by the Department. Each party will be allowed sufficient time to make a thorough oral presentation, make rebuttals, provide the DRB with relevant documentation and respond to the DRB's queries and requests.

After receiving all relevant information, the DRB members will, at their discretion, privately caucus to discuss their assessment of the dispute. Either that same day or the next, the DRB will orally share and discuss with the parties its assessment and recommendations with respect to the dispute. The Advisory Recommendation shall not be binding on either party or on the DRB and does not require either party to accept or reject it. The recommendation does not prejudice the opportunity for a Step 3 hearing if the dispute is not resolved. If the dispute is presented to the DRB formally at a later date, pursuant to the Proposal Note 108 process, the DRB will focus anew upon the facts of the dispute as presented at that time, without reference to the Advisory Recommendation meeting.

7. Resolution

The Advisory Recommendation of the DRB will be used by the parties at any time after Step 1 of the Dispute Resolution Board Process. If the parties remain unable to resolve the dispute following the Advisory Recommendation Process, the dispute may proceed in accordance with the next level of Proposal Note 108 process and the requirements of the DRB approved *Operating Procedures*.

Basis of Payment

The Department will furnish the following item with an amount in the Proposal:

Item	Unit	Description
Special	Each	Department's Share of the Dispute Resolution Board

The fixed amount shown in the Proposal is included in the Total Bid Amount. This fixed amount is one hundred percent of the Department's estimate of the total cost of all quarterly meetings plus fifty percent of all costs anticipated for Appeals to the DRB and Advisory Recommendations.

The Department shall bear one hundred percent of all costs associated with the quarterly meetings. The Contractor and the Department shall bear fifty percent of all costs associated with Appeals to the DRB and Advisory Recommendations.

The payments due will be deducted from the item. If the Department's costs of the DRB exceed the fixed amount, the Department will continue to pay its share of the actual invoice costs of the DRB. The Department will not pay a percent mark-up on these costs. The Department will make partial payments according to C&MS 109.09. This item is exempt from the non-performance table found in C&MS 104.02.

DISPUTE RESOLUTION BOARD THREE-PARTY AGREEMENT

THIS THREE-PARTY AGREEMENT, hereinafter called "AGREEMENT", made and entered into as of the day and year of the last signature affixed below, between the Ohio Department of Transportation, hereinafter called the "DEPARTMENT"; and _____, hereinafter called the "CONTRACTOR"; and the Dispute Resolution Board, hereinafter called the "DRB", and consisting of three members for the construction of Project #####, County-Route-Section, PID #####, hereinafter called the "PROJECT,":

_____, DRB Member
_____, DRB Member
_____, DRB Chairperson

WITNESSETH, that:

WHEREAS, the contract for the PROJECT provides for the establishment and operation of the DRB to assist in resolving disputes and claims; and

WHEREAS, the DRB is composed of three Members, one selected by the DEPARTMENT, one selected by the CONTRACTOR, and the CHAIRPERSON selected by the aforementioned two;

NOW THEREFORE, in consideration of the terms, conditions, covenant, and performance contained herein, or attached and incorporated and made part hereof, the parties hereto agree as follows:

I. DESCRIPTION OF WORK

In order to assist in the resolution of disputes and claims between the CONTRACTOR and the DEPARTMENT, the DEPARTMENT has provided in the PROJECT contract, for the establishment of the DRB. The purpose of this DRB is to fairly and impartially consider disputes placed before it and provide recommendations for resolution of these disputes to both the DEPARTMENT and the CONTRACTOR. DRB members shall perform the services necessary to participate in the DRB's actions as designated in Section II, Scope of Work.

II. SCOPE OF WORK

The Scope of Work of the DRB includes, but is not limited to, the following items of work:

A. Operating Procedures for Dispute Resolution

Upon execution of this AGREEMENT, the DRB shall establish Operating Procedures that will govern the conduct of its business based on the DRB Guidelines which can be obtained from ODOT's Dispute Resolution Coordinator in the Office of Construction Management. The DRB may elect to adopt the "Dispute Resolution Board Operating Procedures for Dispute Resolution" in its entirety or a modified version thereof. At a minimum, these procedures will establish both the requirements and timeframes for documentation submissions by both the CONTRACTOR and DEPARTMENT, documentation exchange between the CONTRACTOR and DEPARTMENT, and the hearing procedures.

The members of the DRB will keep current on the progress of this project through: 1) visits to the project, 2) keeping current project files, and 3) meetings with DEPARTMENT and CONTRACTOR personnel. The frequency of project visit, meetings, and the content of members' files shall be as agreed upon among the DEPARTMENT, CONTRACTOR, and members of the DRB.

Upon receipt by the DRB of a written *Notice of Intent to Appeal to the DRB* of a dispute, from either the CONTRACTOR or the DEPARTMENT, the DRB shall convene to review and consider the appeal. The time and location of DRB meetings shall be determined by the DRB with reasonable notice to the DEPARTMENT and CONTRACTOR. Both the DEPARTMENT and CONTRACTOR shall be given the opportunity to present their evidence at these meetings. It is expressly understood that the DRB members are to act impartially and to independently consider the contract provisions, as well as the facts and conditions surrounding any written appeal presented by the DEPARTMENT or the CONTRACTOR, and that the DRB's recommendations concerning any such appeal are advisory. The DRB's recommendations, resulting from its consideration of a dispute or claim, shall be furnished to the DEPARTMENT and to the CONTRACTOR in accordance with the process set forth in the Dispute Resolution Board Process Proposal Note 108. The recommendations shall be based on the pertinent contract provisions and the facts and circumstances involved in the dispute.

Either the DEPARTMENT or the CONTRACTOR may appeal a recommendation to the DRB for reconsideration. However, reconsideration will only be allowed when there is new evidence to present.

B. DRB Member Replacement

Should the need arise to appoint a replacement DRB member, the replacement DRB member shall be appointed in the same manner as the original DRB members were appointed. The selection of a replacement DRB member shall begin promptly upon notification of the necessity for a replacement and shall be completed within 30 calendar days. This AGREEMENT shall be amended to indicate a change in DRB membership.

C. Virtual and In-Person Meetings

The DEPARTMENT's Engineer and the CONTRACTOR shall mutually agree on the appropriateness of holding In-Person update status meetings or Dispute hearings or holding such meetings virtually.

III. DEPARTMENT RESPONSIBILITIES

The DEPARTMENT shall furnish the following services and items:

A. Contract Related Documents

The DEPARTMENT shall furnish the DRB three copies of the contract for the PROJECT, change orders, written instructions issued by the DEPARTMENT to the CONTRACTOR, or other documents pertinent to the performance and therefore, necessary for the DRB to perform its responsibilities.

B. Coordination and Services

The DEPARTMENT's Engineer for the PROJECT will, in cooperation with the CONTRACTOR, coordinate the operations of the DRB. The DEPARTMENT, through the Engineer, will arrange or provide conference facilities at or near the contract.

C. Dispute Resolution Documents

1. The DEPARTMENT shall cooperate with the CONTRACTOR to jointly create a Common Support Document Appendix for each claim that is to be heard by the DRB. This Appendix shall include all reference documents (applicable plans sheets, specification references, sketches or drawings, etc.) common to both the DEPARTMENT'S and the CONTRACTOR'S dispute resolution submittal. The DEPARTMENT will be responsible for producing 5 copies of this document for the first claim (one copy for each DRB member, the DEPARTMENT and the CONTRACTOR). The CONTRACTOR will be responsible for producing 5 copies of this document for the second claim. The responsibility will continue to alternate with subsequent claims, if necessary.

2. The DEPARTMENT shall furnish to each DRB member, one copy of all pertinent documents not included in the Common Support Document Appendix, which are or may become necessary for the DRB to perform its responsibilities. Pertinent documents are any documents substantiating or justifying the DEPARTMENT'S position. A copy of such pertinent documents must also be furnished to the CONTRACTOR.

Except for its participation in the DRB's activities as provided in the contract and in this AGREEMENT, the DEPARTMENT will not solicit advice or consultation from the DRB

or any of its members on matters dealing in any way with the project, the conduct of the work, or resolution of problems.

IV. CONTRACTOR RESPONSIBILITY

The CONTRACTOR shall furnish the following items:

A. Contract Related Documents

The CONTRACTOR shall furnish each member of the DRB a copy of the progress schedule and updates and any other CONTRACTOR-generated documents pertinent to the performance and therefore, necessary for the DRB to perform its responsibilities.

B. Dispute Resolution Documents

1. The CONTRACTOR shall cooperate with the DEPARTMENT to jointly create a Common Support Document Appendix for each claim that is heard by the DRB. This Appendix shall include all reference documents (applicable plans sheets, specifications, sketches or drawings, etc.) common to both the CONTRACTOR'S and the DEPARTMENT'S dispute resolution submittal. The DEPARTMENT will be responsible for producing 5 copies of this document for the first claim (one copy for each DRB member, the DEPARTMENT and the CONTRACTOR). The CONTRACTOR will be responsible for producing 5 copies of this document for the second claim. The responsibility will continue to alternate with subsequent claims, if necessary.

2. The CONTRACTOR shall furnish to each DRB member, one copy of all pertinent documents not included in the Common Support Document Appendix, which are or may become necessary for the DRB to perform its responsibilities. Pertinent documents are any documents which are used in the performance of the work or in justifying or substantiating the CONTRACTOR's position. A copy of such pertinent documents must also be furnished to the DEPARTMENT.

Except for its participation in the DRB's activities as provided in the contract and in this AGREEMENT, the CONTRACTOR will not solicit advice or consultation from the DRB or any of its members on matters dealing in any way with the PROJECT, the conduct of the work, or resolution of problems.

V. DURATION OF DRB

The DRB will exist for the life of the PROJECT only and will not review disputes or claims on any other project unless otherwise agreed upon by the DEPARTMENT and the CONTRACTOR. If, after the DEPARTMENT has made final acceptance of the PROJECT, there are unresolved disputes and claims remaining, this AGREEMENT shall remain active and in full force and effect until the PROJECT is otherwise administratively closed by the DEPARTMENT following final payment so that the DRB may continue in operation until all unresolved disputes and claims are resolved.

VI. COMPENSATION

A. Compensation Allowed

1. IN-PERSON MEETINGS

A. MEMBER'S Fees

DRB Members shall be compensated at an agreed rate of \$1,800.00 per day upon which there is a regularly scheduled on-site DRB Meeting.

B. CHAIRPERSON's Fee

The DRB Chairperson shall be compensated at an agreed rate of \$2,200.00 per day upon which here is a regularly scheduled on-site DRB Meeting.

C. Travel Time

The DRB shall be compensated at the rate of \$125.00 per hour for the time spent en route to and from an on-site DRB meeting.

D. Transportation Costs

The DRB shall be reimbursed for reasonable travel expenses incurred in accordance with the Ohio Office of Budget and Management Travel Policy as published on the State of Ohio website.

2. ONLINE/VIRTUAL MEETINGS

A. MEMBER'S Fees

1. Meeting

For regularly scheduled DRB meetings that are conducted via virtual meeting platforms, i.e., Skype, Microsoft Teams, Zoom, etc., the DRB shall be compensated at an hourly rate of \$225.00 per hour for time spent logged in and participating in the meeting.

2. Preparation

Time spent by the DRB preparing for a virtual meeting, including document review, equipment set-up, agenda preparation, and other activities necessary to meaningfully participate in the remote meeting will be compensated at an agreed rate of \$225.00 per hour and shall include all incidentals.

B. Travel Time

No travel expenses are eligible for reimbursement when virtual meetings are held in lieu of in-person meetings.

C. Maximum Compensation

Total compensation for virtual meetings shall not exceed \$900.00 per meeting for DRB Members or \$1,125 per meeting for the DRB Chairperson.

3. REVIEW AND RESEARCH AWAY FROM THE PROJECT

No additional compensation will be made for the time spent on review and research activities by the DRB, unless an estimate of that time is specifically agreed upon in advance and in writing by the DEPARTMENT and the CONTRACTOR. Such time that has been agreed to will be compensated at an agreed rate of \$225.00 per hour. The agreed rate shall include all incidentals.

B. Payment

1. SUBMISSION FOR COMPENSATION

The DRB members shall submit to the CONTRACTOR, quarterly, each member's billable time and travel expenses, and all required supporting documentation.

2. MEMBER COMPENSATION

After review and verification by the CONTRACTOR and DEPARTMENT of the members' submission for compensation, the CONTRACTOR shall pay each member their earned fees.

3. CONTRACTOR REIMBURSEMENT

The DEPARTMENT will reimburse the CONTRACTOR for the DEPARTMENT'S share of actual invoice costs of the members under EACH Item Special – Department's Share of Dispute Resolution Board. The Department will not pay a percent mark-up on these costs. The Department will make partial payments according to C&MS 109.09.

VII. ASSIGNMENT OF TASKS OF WORK

The DRB members shall not assign any of the work of this AGREEMENT. However, if upon submission of a Claim to the DRB, the DRB believes that assistance with a technical issue is necessary in order to render a recommendation, the DRB may seek the advice and input of outside experts after obtaining mutual consent of the CONTRACTOR and DEPARTMENT. The source and nature of any outside information will be shared with all parties within the recommendation.

VIII. CONFLICT OF INTEREST

The members of the DRB agree individually that they do not have any direct or indirect ownership or financial interest in the CONTRACTOR, any consultant or consulting firm on the project, any subcontractor or supplier on the project or any business of another DRB member. The members of the DRB agree individually that they are not currently employed by the DEPARTMENT, the CONTRACTOR, or any consultants or consulting firms on the project. Service as a member of other DRB's, as a Dispute Resolution Advisor or as an arbitrator or mediator shall not be construed to be employment. The members of the DRB, the DEPARTMENT, and the CONTRACTOR agree that during the life of the contract, no unilateral discussion will be had, or agreement will be made between any DRB member and any party to this AGREEMENT for employment after the contract is completed.

In the event that a DRB member's status changes in regard to the aforementioned areas of conflict, the members of the DRB agree individually to immediately disclose this in writing to both the DEPARTMENT and the CONTRACTOR. Upon receiving such notification, the DEPARTMENT or the CONTRACTOR may, within seven (7) calendar days, give notice that this DRB member is no longer acceptable. In no event, shall a DRB member participate in a hearing of a dispute or claim by the DRB involving a firm by which he/she is employed.

IX. TERMINATION OF AGREEMENT

The parties to this AGREEMENT mutually agree that this AGREEMENT may be terminated at any time upon not less than a thirty (30) calendar day written notice to the other parties. In the event the AGREEMENT is terminated Section 108.02.G of ODOT's Construction and Material Specifications (C&MS), Dispute Resolution and Administrative Claims Process that was in affect at the time of the bidding of this project will immediately become effective. All disputes in Step 1 or Step 2 of this PN108 Note will continue as in Step 1 or Step 2 as described by Section 108.02.G of ODOT's C&MS. Any claims in Step 3, to be heard by the DRB, will instead be heard by the Director's Claims Board.

DRB members may withdraw from the DRB by providing 30 day notice. DRB members may be terminated for cause only by their original appointing authority, therefore, the DEPARTMENT may only terminate the DEPARTMENT appointed member, the CONTRACTOR may only terminate the CONTRACTOR appointed member, and the first two members must agree to terminate the CHAIR.

X. LEGAL RELATIONS

The parties hereto mutually understand and agree that each DRB member in the performance of duties on the DRB, is acting in the capacity of an independent agent and not as an employee of either the DEPARTMENT or the CONTRACTOR and

accordingly, no party to this AGREEMENT shall bear a greater responsibility for damages or personal injury than is normally provided by Federal and Ohio Law.

The parties expressly agree that each DRB member is acting in a capacity intended to facilitate resolution of disputes. The DEPARTMENT and the CONTRACTOR further agree that neither of them will seek nor require the testimony or production of documents and/or records from the DRB members in any administrative, judicial or other proceeding.

XI. FEDERAL REVIEW

The Federal Highway Administration shall be informed of the work of the DRB and shall have the right to review all records and attend any meeting or hearing of the DRB.

XII. ELECTRONIC SIGNATURE

The Parties' acceptance and execution of this AGREEMENT may be made by electronic acknowledgement, and all agree that electronic acknowledgment of this AGREEMENT shall be considered the equivalent of written signatures.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT as of the day and year of the last signature affixed below.

DRB MEMBER

By:_____

DRB MEMBER

By:_____

DRB MEMBER CHAIRPERSON

By:_____

For the OHIO DEPARTMENT OF
TRANSPORTATION

By:_____

CONTRACTOR

By:_____

ODOT CHIEF LEGAL COUNSEL,
Approval as to Form Only

By:_____

1. Scope and Purpose. The purpose of this note is to preserve the Contractor's and subcontractors' Bid Documents for use by the parties in the settlement of disputes and claims.

The Department will not use Escrow Documents to assess the Contractor's or subcontractors' qualifications for performing the Work. The Escrow Documents are, and will always remain, the property of the Contractor or subcontractors, subject to joint review by the Department and Contractor or subcontractors, as provided below.

Escrow Documents consist of one copy of all documents generated in preparation of the Proposal. This includes handwritten notes, records of phone conversations and phone quotes, letters, faxes, e-mails both printed and electronically archived, formal quotations, calculations, work sheets, conceptual progress schedules, marked up plan sheets, and any other paper or electronic record of how the Work was originally bid. These documents will be held in escrow for the duration of the Contract. These documents can be scanned in a format acceptable to the Department and submitted on a CD(s) or be submitted on paper, or a combination of the two types.

2. Submittal. The low bidder and the second low bidder shall submit their Bid Documents for purposes of escrow by 4:00 p.m. in the Office of Contracts at 1980 West Broad Street, Columbus, Ohio the next business day after the bid opening. The Escrow Documents shall be submitted in a sealed container containing only the Escrow Documents. Clearly mark the container with the Contractor's and subcontractors' name, date of submittal, project name and number, and the words "Escrow Documents."

Submittal shall be in accordance with this note. Failure of the low bidder or the second low bidder to submit their Bid Documents for purposes of escrow in a timely manner as defined above will result in a determination by the Department that the bid submitted by that particular bidder is non-responsive and ineligible for award.

3. Stipulations and Acknowledgements. The Department stipulates and expressly acknowledges that the Escrow Documents constitute proprietary information. This acknowledgement is based on the Department's expressed understanding that the information contained in the Escrow Documents is not known outside the Contractor's or subcontractors' business, is known only to a limited extent and by a limited number of the Contractor's or subcontractors' employees, and is safeguarded while in the Contractor's or subcontractors' possession. The Department further acknowledges that the Escrow Documents and the information they contain are provided for the joint use of the Contractor or the subcontractors and the Department.

The Contractor and subcontractors agree, as a requirement of the Contract, that the Escrow Documents constitute all the information used in the preparation of the Bid, and that no other Bid preparation information will be considered in the resolution of disputes and claims. The Contractor and subcontractors also agree that nothing in the Escrow Documentation shall change or modify the terms or conditions of the Contract Documents.

The Department further agrees to safeguard the Escrow Documents, and all information they contain, against disclosure to the fullest extent permitted by law.

4. Format and Contents. The Contractor and subcontractors may submit Escrow Documents in their usual cost estimating format. It is not the intention of this subsection to cause the Contractor to expend additional effort during Proposal preparation, but to ensure that the Escrow Documents are adequate to enable complete understanding and proper interpretation for their intended use.

Ensure that the Escrow Documents clearly itemize the estimated costs of performing the Work of each contract item in the Proposal. Separate contract items into such items necessary to present a complete and detailed estimate of all costs. Detail the plant, equipment, material, and indirect costs in the

Contractor's usual format. Ensure that the allocation of contingencies, mark ups, and other items are identified for each contract item.

Identify all elements of pricing developed solely based on experience or market factors, and for which a detailed cost estimate does not exist.

Identify all costs. For contract items amounting to less than \$10,000, the Contractor may provide estimated costs without a detailed cost estimate.

Ensure that the Escrow Documents include all quantity take-offs, calculations of rates of production and progress, copies of quotes from subcontractors and suppliers, memoranda, narratives, add/deduct sheets, and all other information used by the Contractor to arrive at the prices contained in the Proposal.

5. Late Revisions. If the itemized cost breakdowns and allocations described elsewhere are not revised to reflect the final Bid prices, then submit information reconciling the Bid preparation documents and the Bid unit prices. Consider this reconciliation as a part of the Escrow Documents and include in the submittal.

6. Storage. The Department will acknowledge receipt of the Escrow Documents and place the Escrow Documents in an institution in Columbus, Ohio that is mutually agreed upon by both the Contractor and the Department for the life of the Contract. The Department will pay the cost of storage.

7. Examination. The Department, the Contractor, and when necessary, the applicable subcontractors will examine the Escrow Documents, at any time deemed necessary by either the Department or the Contractor, to assist in the negotiation of the settlement of disputes and claims; ensure that subcontractors are present if and when they are presenting a claim through the Contractor or when information is needed. The Contractor, applicable subcontractors, and the Department will be present to review the Escrowed Documents.

Examination of the Escrow Documents is subject to the following conditions:

- a. The Escrow Documents are proprietary and confidential.
- b. Access to the documents will take place only in the presence of authorized representatives from the Department, Contractor, and the applicable subcontractors.
- c. The Contractor shall designate, in writing, the personnel from within the Contractor's organization who are authorized to examine the Escrow Documents. Submit this designation with the Escrow Documents. The Director or the designees may examine the Escrowed Documents.

8. Final Disposition. The Department will return the Escrow Documents to the Contractor and subcontractors after completion of the Contract and after all disputes and claims have been settled.

9. Escrow Agreement for Contract Bid Documents. The following Escrow Agreement shall be executed within ten (10) days after award of the Contract.

THIS AGREEMENT is made and entered into this ___th day of Month, ____, by and among the Ohio Department of Transportation, an agency of the State of Ohio, hereinafter called the "Department", _____ the "Contractor", and the _____, hereinafter called the "Escrow Agent".

WHEREAS, the Department and Contractor entered into that certain construction contract dated _____, hereinafter called the "Contract", for the construction of Project Number _____, pursuant to which the Contractor shall cause the work therein to be constructed; and

WHEREAS, the Department and Contractor are desirous of entering into an Escrow Agreement, to provide for specific contingencies governing the escrow and control of contract bid documentation; hereinafter called "Bid Documents"; and

WHEREAS, the Department and Contractor desire the Escrow Agent to hold the Bid Documents of the Contractor;

NOW, THEREFORE, for and in consideration of the mutual covenants contained herein, it is agreed by and between the parties hereto that:

ARTICLE I - Contract Escrow Bid Documentation

The parties hereto agree to the establishment of Escrow of the Bid Documents for the contract pursuant to the Department's specifications pertaining to construction under the contract. It is the understanding of the parties hereto that the Department shall pay the Escrow Agent, as determined by separate agreement, for the escrow of the Bid Documents submitted to the Escrow Agent under the terms of this Agreement.

ARTICLE II - Acknowledgment

By its signature below, the Escrow Agent hereby acknowledges receipt from the Department and Contractor of a sealed container bearing the Contractor's name, address and Contract Project Number assigned by the Department and containing the Bid Documents.

ARTICLE III - Deposit of Bid Documents

The Bid Documents shall remain on deposit with the Escrow Agent until those conditions of release, as specified in Article IV "Release from Escrow", are met. As long as the Bid Documents remain in escrow with the Escrow Agent, the Escrow Agent shall not allow any person access, to gain possession, or to in any way interfere with the sealed Bid Document container.

ARTICLE IV - Release from Escrow

Upon being presented, by the Department, with documentation that the Final Estimate for the Contract has been paid to the Contractor, the Escrow Agent shall deliver to the Contractor the sealed container bearing the Contractor's name, address and Contract Project Number on it. The Escrow Agent is also authorized to release the Bid Document sealed container to the Department without the Contractor's signed consent subject to the following conditions:

- * The Contractor has provided written notification to the Department of the Contractor's intention to file a claim related to the Contract; or
- * The Contractor has initiated litigation against the Department relating to the Contract.

Prior to any release from escrow to the Department, the Escrow Agent shall verify that either condition of release to the Department, as stated above, has been met by providing written notice to the Contractor of the Escrow Agent's intention to release the Bid Documents to the Department. Such written notice from the Escrow Agent shall be sent by overnight mail no less than ten (10) calendar days prior to release to the Department. Further, the written notice shall recite a date and time certain when the escrow documents will be released to the Department. The Contractor may be present at the time of release and also while the Department reviews the documents. Upon any release from escrow of the Bid Document container, the Escrow Agent shall cause the execution of Exhibit A, "ESCROW RELEASE for Contract Bid Documents," as attached hereto and incorporate herein as if fully contained, by the party receiving the Bid Document container.

ARTICLE V - Indemnity

The Contractor agrees to indemnify and hold the Escrow Agent harmless against any loss, claim, damage, liability or expenses incurred in connection with any action, suit, proceeding, claim or alleged liability arising from this Escrow Agreement, provided, however, that the Escrow Agent shall not be so indemnified or held harmless for its negligence or acts of bad faith by it or any of its agents or employees.

The Escrow Agent shall have no responsibility as to the genuineness of the signature or the validity of any document deposited in the escrow, nor as to the legal capacity or identity of the parties to this escrow, and the Escrow Agent shall be justified in every act, omission or forbearance in reliance upon the Escrow Agreement so long as and to the extent that it shall act or have acted in good faith.

All of the terms and conditions in connection with the Escrow Agent's duties and responsibilities, and the rights of the undersigned parties are contained in the Escrow Agreement. The Trust Company is not required to be familiar with the provisions of any other instrument or agreement and shall not be charged with any responsibility or liability in connection with the observance or non-observance, by any person, of the provisions of any other such instrument or agreement.

The Escrow Agent shall not be responsible for the determination of any facts or conditions on which the parties may give notice, but the Escrow Agent may rely solely on the notice received from the parties as to the existence of such facts or conditions.

The Escrow Agent may act or refrain from acting in respect of any matter referred to in the Escrow Agreement or additional instructions received in the performance of its duties in full reliance upon the advice of counsel which may be selected by it, and shall be fully protected in so acting or refraining from acting upon the advice of such counsel.

The Escrow Agent may obey and comply with any order or process of a court (whether or not such court shall have jurisdiction) commanding it to do or to refrain from some act in relation to the subject matter of this escrow. It may rely and continue to rely conclusively upon such orders or process, notwithstanding that it may found subsequently to be void or voidable, until one of the Trust Officers of the Escrow Agent, shall have actual knowledge that such order or process shall have been modified, annulled, set aside, vacated or quashed.

ARTICLE VI - Notices

All notices and other communication shall be in writing and shall be deemed to have been duly given and delivered if mailed by certified mail, return receipt requested, postage prepaid to the addresses stated herein:

Department:

The Ohio Department of Transportation
Director
1980 West Broad Street
Columbus, Ohio 43223

Contractor:

Escrow Agent:

ARTICLE VII - Duties of Escrow Agent

The duties and responsibilities of the Escrow Agent shall be limited to those expressly set forth herein and the Escrow Agent shall act only in accordance with this Escrow Agreement. Notwithstanding specific provisions hereunder, the Escrow Agent shall at all times act upon and in accordance with the joint written instructions of the Department and Contractor.

ARTICLE VIII - Laws

This Escrow Agreement shall be deemed to have been executed in Franklin County, Ohio and the laws of the State of Ohio shall apply.

ARTICLE IX - Assignment

This Escrow Agreement shall not be assigned without the written consent of all the parties hereto.

ARTICLE X - Survival of Contract

Except as may be expressly modified, all terms and conditions of this Escrow Agreement remain in full force and effect. The establishment of this Escrow Agreement is limited solely by the contingency of release of the Bid Documents by the Contractor to the Department, as established by Article IV, Release from Escrow. Nothing contained herein shall alter the rights of the parties hereto.

The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

In witness whereof, the parties have hereunto set their hands and seals the day above first written.

The Contractor:

By: _____

(Title)

(Witness)

(Date)

The Ohio Department of Transportation:

By: _____

(Title)

(Witness)

(Date)

_____ **(Escrow Agent):**

By: _____

(Title)

(Witness)

(Date)

EXHIBIT A - ESCROW RELEASE for Contract Bid Documents

This is to certify that on this _____ day of _____, 20____, the sealed container identified as:

Bid Documentation

Contractor: _____

(Address)

**Contract
Project Number:** _____

Date of Submittal: _____

(Evidence by Agreement dated _____),

was released from escrow and personally handed to the below name individual acknowledging receipt, representing the Contractor/Department, by the Escrow Agent upon the presentation of the required documentation pursuant to Article IV, Release from Escrow, of that agreement dated _____, 20____, a copy of such documentation is attached hereto.

Acknowledgment of Receipt:

Acknowledgment of Release:

(Escrow Agent)

PN 111 - 10/21/2022 FACILITATED PARTNERING

A. Facilitated Partnering. The type of Partnering required on this project is Facilitated Partnering. The requirements of this note replace the Self-facilitated Partnering requirements in 108.02.B and 108.02.E of the Construction & Material Specifications. Select, with input from the Engineer, a partnering facilitator from the ODOT prequalified list located on the Division of Construction Management's Partnering website:

<http://www.dot.state.oh.us/Divisions/ConstructionMgt/Pages/Partnering.aspx>

B. Initial Partnering Session. Every attempt shall be made to hold an Initial Partnering Session prior to beginning the Work and separately from the Preconstruction Meeting. This session shall be no later than one month after the Preconstruction Meeting. Identify and invite all stakeholders necessary to make the project successful including utility companies, other transportation entities (i.e., railroads), community leaders, all project participants including subcontractors. Develop the Partnering agenda with the Engineer and facilitator before holding the Initial Partnering Session.

During the Initial Partnering Session:

1. Develop Partnering teams consisting of Department and Contractor senior personnel and Project personnel.
2. Identify and develop a consensus on project goals consistent with the contractual obligations, including specific goals concerning safety, quality, schedule, and budget.
3. Decide on how the teams will measure progress on project goals.
4. Identify any potential risks to the project's success, mitigation strategies and an implementation plan for appropriate strategies.
5. Define key issues, project concerns, joint expectations, roles of key partnership leaders, lines of decision making authority, and share relevant information to help determine the scope of the Partnering efforts.
6. Identify any opportunities for project enhancement, enhancement strategies, and a specific action plan for implementing strategies.
7. Develop a communication protocol to enhance communication on the project.
8. Develop an issue identification and resolution process that identifies and attempts to resolve issues at the level closest to the work. The issue identification and resolution

process will develop all the necessary steps for issue elevation including Notice and Mitigation defined in 108.02.F and the Dispute Resolution and Administrative Claims Process defined in 108.02.G.

C. Partnering Update Sessions. Hold quarterly Partnering Update Sessions, unless the frequency is otherwise determined by the Engineer and Contractor, to maintain open communication and evaluate the Partnering relationship on the Project. Identify Partnering successes and possible areas of improvement. Identify and invite all stakeholders necessary to make the session successful including utility companies, other transportation entities (i.e., railroads), community leaders, all project participants including subcontractors.

D. Partnering Monitoring. Monitor the progress of the Partnering relationship based on the goals decided during the Initial Partnering Session. On-line surveys of project participants will be used to monitor goals progress and help identify issues as they arise. Complete the survey prior to every Partnering Update Session and determine with the Engineer and facilitator whether more frequent evaluations are necessary. The on-line surveys will be consistent with the Department's Partnering Project Rating Form which is located on the Division of Construction Management's Partnering website:

<http://www.dot.state.oh.us/Divisions/ConstructionMgt/Pages/Partnering.aspx>

E. Compensation.

1. Submission for Compensation. The facilitator shall submit to the Contractor actual invoice costs.
2. Facilitator Compensation. After review and verification by the Contractor and Department of the facilitator's submission for compensation, the Contractor shall pay the facilitator the fees earned.
3. Contractor Reimbursement. The Department and the Contractor shall bear the costs and expenses of the facilitator and venue equally.

The facilitator chosen by the Department and the Contractor shall be compensated at a maximum rate of \$3,500 for the Initial Partnering Session. The facilitator shall be compensated at a maximum rate of \$1,500 for the Partnering Update Sessions.

The maximum session rates above shall be considered full compensation for venue cost, on-site time, travel expenses, transportation, lodging, and incidentals, or portion thereof that the facilitator is at an authorized meeting.

F. Basis of Payment.

The Department will furnish the following item with an amount in the Proposal:

Item	Unit	Description
Special	Each	Department's Share Facilitated Partnering Costs

The fixed amount shown in the Proposal is included in the Total Bid Amount. This fixed amount is fifty percent of the Department's estimate of the total cost of all Partnering Update Sessions and facilitator expenses

The payments due will be deducted from the item. If the Department's costs of the Facilitated Partnering item exceed the fixed amount, the Department will continue to pay its share of the actual invoice costs of the item by processing a change order.

The Department will not pay a percent mark-up on these costs. The Department will make partial payments according to C&MS 109.09. This item is exempt from the non-performance table found in C&MS 104.02.

PN 119 – 04/20/2018 – REVISING HIGH STRENGTH BOLT REQUIREMENTS FROM ASTM 325 TO ASTM F3125

Replace all references in the Contract to ASTM A325 (ASTM A325M) with ASTM F3125 Grade A325 (A325M).

PN 127 - 01/18/2019 - LANE VALUE CONTRACT:

The Contractor shall be assessed Disincentives as designated in the Lane Value Contract Table for each unit of time the described Critical Lane/Ramp is restricted from full use by the traveling public within the restricted time period. The Lane Value Contract Table is located in the Plan General Notes. The Disincentives will be assessed for all restrictions of the critical work.

Critical work is shown in the Lane Value Contract Table.

Critical work is defined as having the designated sections open to unrestricted traffic as shown in the table, or the entire project if not otherwise listed.

Unrestricted traffic is defined as all traffic lanes being available for use with specified striping and safety features in place.

PN 129 - 04/17/2020 - FLEXIBLE START WINDOW CONTRACT

The Contractor has the number of calendar days designated in the Window Contract Table in which to complete all items of critical work. The Window Contract Table is located in the Plan General Notes. The Contractor may begin any time as identified in the Window Contract Table and must complete the critical work within the calendar days designated in the Window Contract Table or by the completion date listed in the proposal, whichever comes first.

Critical work is shown in the Window Contract Table.

Completion of critical work is defined as having the designated section of work open to unrestricted traffic as shown in the table, or the entire project if not otherwise listed.

Unrestricted traffic is defined as all traffic lanes being available for use at their final design width with all markings, RPM's, and safety features installed, along with no restrictions within 2 feet of the edge line on the shoulders.

The Contractor must schedule the latest start date of the critical work prior to the following calculated date:

$$\text{Late Critical Work Start Date} = [\text{Work Window End Date}] - [(\text{Calendar Days to Complete}) \times 1.25]$$

If the critical work is not started by the Late Critical Work Start Date, the Contractor will be assessed a Disincentive as defined in the Window Contract Table for everyday the contractor does not start the Critical Work.

If the work is not completed within the calendar days designated in the Window Contract Table, the Contractor will be subject to disincentives as identified in the Contract Critical Work Table. If the Window Contract Critical Work Table does not designate a disincentive value, the Contractor will be subject to the liquidated damages in accordance with the schedule set forth in C&MS 108.07.

108.06 C shall be modified to the following and shall be applicable only to the Critical Work (as defined in the Window Contract Table):

108.06 C Extension to the Completion Date for Weather or Seasonal Conditions.

A weather day for critical work is defined as a workday that weather reduced production by more than 50 percent on items of work on the critical path. Submit a request for an extension of time for a lost day due to weather with 2 days of occurrence. The Engineer will extend the Calendar Days to Complete by 1 calendar day for each lost day caused due to weather.

PN 131 – 07/16/2010 – EARLY COMPLETION SCHEDULES

The Contractor has the right to finish the project early. An Early Completion Schedule is defined as a baseline schedule or update schedule which anticipates completion of all work prior to the Completion Date established by the contract documents and the Contractor submits as an Early Completion Schedule. In the event that an Early Completion Schedule is accepted, the Engineer will not initiate a change order amending the Completion Date to the finish date shown on the accepted Early Completion Schedule. The Completion Date established by the contract documents will still be in effect and all contract provisions concerning the Completion Date such as incentives, disincentives, excusable delays, compensable delays, and liquidated damages will be measured against the Completion Date. An Early Completion Schedule showing work completing in less time than the Completion Date, and accepted by the Department, will be considered to have Project Float.

PN 137 - 01/18/2019 - ALTERNATE BIDS

Description

Alternate Bid items for two or more competing designs, specifications, or materials are included within the Bid Documents. The Alternate Bid items are identified as such under the same heading within the General Summary.

Bid on all items within each competing Alternate Bid item set.

Consideration of Proposals

When Alternate Bids are specified, after proposals are opened and read, the Department will establish the apparent low bidder based on the overall Bid which includes only the lowest priced alternate within each competing Alternate Bid item set.

While the Department will use the lowest priced alternate within each competing Alternate Bid item set to determine the low bidder, the Department may select one of the other alternates within each competing Alternate Bid item set for the contract to be awarded.

PN 150 - 04/21/2023 - DIGITAL DATA FOR MATERIAL TICKETING UTILIZING E-TICKETING PORTAL

Description:

This work consists of providing digital data for transfer for asphalt material weight ticket information. Provide material ticket information in a digital format directly recorded from the material loading source as described below.

This note in no way supersedes any other commercial regulations or any other legal requirements regulating the transportation of commercial materials. This does not preclude or dismiss any requirement for paper tickets required by other rules and regulations.

Requirements:

Send digital ticket information to the Department's Digital Ticketing Portal as the individual material loads are generated and shipped to the Project. The digital material ticket shall contain information as required per the applicable material specification for weight measurement and other material characteristics.

The Department will reject any load that does not have a corresponding e-Ticket unless the cause is beyond the Contractor's control, as determined by the Engineer. In such circumstances, paper tickets may be permitted.

Setup, Calibration, and Data Integration:

Suppliers shall cooperate with the Department and the Department's e-Ticketing vendor to establish digital information transfer from the supplier's ticketing system to the Department's e-Ticketing portal. No earlier than 14 days after project execution, but not later than 30 days prior to initiating Work, identify in writing the material source load read-out weighing system the supplier utilizes.

The material supplier shall cooperate with the Ohio Department of Transportation's (ODOT's) e-Ticketing Portal vendor in the creation of an Application Programming Interface (API) to integrate material source load read-out data with the Department's e-Ticketing Portal. The Department's e-Ticketing portal vendor shall be responsible for leading the API creation. Upon API creation, utilize the API to provide digital material source load read-out data from the material source load read-out weighing system to the Department's e-Ticketing Portal.

Conduct a test of each supplier's integration with the Department's e-Ticketing Portal prior to shipping material to the Project. Complete test at least 14 days prior to shipping material unless otherwise approved by the Engineer. The test must involve at least four test e-Tickets from each supplier approved for used on the project for materials to be used on the Project. The test e-Tickets must accurately reflect the proper nomenclature and accuracy defined; all other categories shall be marked "TEST". After the Engineer confirms the test e-Tickets have been entered into the Department's e-

Ticket Portal, void the test eTickets with the reason "Setup Testing". If any load read-out weighing system changes are intended by the supplier after the creation of the supplier specific API, coordinate with the ODOT to ensure API compatibility.

Ensure continued internet connectivity during the API usage to maintain connection the Department's e-Ticketing Portal During material production and delivery to the Project. Ensure delivery of eTicket prior to the material arriving on the Project, but not prior to the loading of material at the source.

Upon successful testing of the data integration, physical material tickets are not required for the Department, but may be necessary for truck drivers per Ohio Revised Code Section [5577.043](#).

Payment:

For initial setup of the API Integration, the material vendors shall assume approximately 16 person hours and shall be considered incidental to the cost of the material. For extreme situations involving excessive establishment of the API and digital information transfer, notify the Engineer per CMS 108.02.F.

The cost associated with creating and maintaining an API and providing digital ticketing data is incidental to the cost of the item utilizing the material being placed.

PN 420 – 1/17/2025 - SURFACE SMOOTHNESS REQUIREMENTS FOR PAVEMENTS

DESCRIPTION: The surface tolerance specification requirements are modified to use the International Roughness Index (IRI) to determine both lot roughness and localized roughness for Category 1 pavements as follows:

- All pavements with at least 1 centerline mile (1.6 km) of continuous paving. Short breaks in paving such as bridge decks, intersections, etc. are not considered breaks in continuous paving.
- Pavement for ramps including any associated acceleration lanes or deceleration lanes; auxiliary lanes; or drop lanes, where the total combined length of any one lane is greater than 0.5 miles with a width that allows a valid profile to be collected.
- Pavement for system ramps including associated acceleration lanes, deceleration lanes, and auxiliary lanes regardless of total length. "System ramp" is defined as pavement connecting two divided, limited-access highways.

The surface tolerance specification requirements are modified to use the International Roughness Index (IRI) to determine localized roughness for Category 2 pavements as follows:

- Roads with less than 1 centerline mile (1.6 km) of paving
- Pavement for ramps plus acceleration lanes not included above.
- Pavement for ramps plus deceleration lanes not included above.
- Sections of undivided highways, as defined in this note, within corporation limits with posted speed limits less than 40 miles per hour,

For Category 2 pavements, corrective action for all areas of localized roughness with an IRI in excess of 250 inches per mile (3.95 m/km) in 25 feet (7.6 m) is required.

For these same areas, no corrective action for 0.1-mile (0.16 km) sections having an MRI (lot roughness) greater than 90 inches per mile (1.42 m/km) is required and no pay adjustments will be made for lot roughness.

Do not include pavement for turn lanes including center turn lanes, shoulders, crossovers, approach slabs, and bridge decks in IRI measurements, corrective actions, and pay adjustments.

Areas not part of this specification are subject to the requirements of the original item(s) specified.

If the pavement surface is Rubberized Open Graded Asphalt Friction Course (Supplemental Specification 803), this specification applies to the surface of the course immediately below and references to the number of courses placed do not include the SS803 course.

MATERIALS AND EQUIPMENT: Provide smoothness measuring equipment conforming to Supplement 1058. Furnish the Department's approval letter of the profiler and the operator to the Engineer. The Engineer will verify the smoothness measuring equipment conforms to Supplement 1058. The Engineer will complete the Smoothness Profiler Verification Report found in Supplement 1058, Appendix A, to document profiler calibration prior to measurement. The Engineer will verify the profile operator's certification against the operator list posted on the Office of Construction Administration webpage. Furnish equipment meeting the requirements of C&MS 257.02 for performing corrective diamond grinding.

SMOOTHNESS MEASUREMENT: Measure the pavement surface smoothness in both wheel paths. Wheel paths are located parallel to the centerline or baseline of the roadway or ramp and approximately 3.0 feet (1.0 m) from the centerline of the lane or ramp, measured transversely in both directions. Ensure the path of the profiler is parallel to the lane centerline at all times. Measure the entire length of pavement, event marking the profile runs such that profile data can later be identified when the profile sensor(s) is within 1.0 foot (0.3 m) of any existing pavement not constructed on the project, pressure relief joint, approach slab, or other non-pavement features (i.e., manholes, valve boxes, unusual geometry, catchbasins, etc.). It is the operator's responsibility to note such locations in the collected inertial profiles. Profiles provided without named event markings will not be reviewed and will be returned for correction. Non-pavement and pre-existing conditions will be considered on a project-by-project basis and approved by the Engineer for exclusion from IRI calculations.

Remove any objects such as dirt, debris, curing covers, etc., prior to performing the surface smoothness measurements. Replace any curing covers after the measurements are taken. Repair any membrane curing damaged during the measurements.

Provide necessary traffic control and survey stationing for all surface smoothness measurements.

Do not perform any surface smoothness measurements until the pavement has cured sufficiently to allow measuring without damaging the pavement. When the pavement will not support the profiler on the next working day, notify the Engineer and inform the Engineer when the measurements will be taken. Provide the Engineer at least 24 hours' notice prior to performing any measurements. Do not take measurements until project site verification is demonstrated to the Engineer according to Supplement 1058.

IRI and MRI CALCULATION: Develop an IRI according to ASTM E 1926 for each 0.1-mile (0.16 km) section. Calculate the MRI for a 0.1-mile (0.16 km) section by averaging the IRI of the two wheel paths.

Non-pavement features and pre-existing conditions approved by the Engineer that influence the IRI measurements in a wheelpath should be sectioned out of profiles using the Leave-Out function in ProVAL for the corrective action and pay adjustment. Use 5 feet before and after length when using the Leave Out function.

Submit the summary report from ProVAL conforming to Supplement 1110 and electronic copies of all longitudinal pavement profiles in ProVAL compatible format to the Engineer. The Engineer will submit one copy of the summary report and one electronic copy of the profiles to the Office of Technical Services.

MANDATORY CORRECTIVE ACTION: Perform corrective action for the applicable surface type as required. Provide a list of all mandatory corrective action locations, with station, lane, proposed

corrections, proposed maximum grinding depths, and proposed final IRIs and MRIs for each location to the Engineer for approval as a Corrective Action Plan. The Corrective Action Plan is limited to grinding, pavement removal and replacement or a combination of the two. Submit the Corrective Action Plan at least 7 days prior to planning any corrective action. Corrective Action Plans that do not meet allowable IRI and MRI values at post-correction will not be approved. Do not perform any corrective actions without approval of the Engineer.

Corrective action required to meet the maximum allowable IRI and MRI values that are performed after the contract completion date will be a Punch List item in accordance with C&MS 109.12.B. Corrective action will not be assessed liquidated damages in C&MS 108.07 or contract disincentives. If corrective action on the Punch List is not completed within a reasonable time, as determined by the Final Inspector, it will be subject to an assessment of fifty percent of liquidated damages in accordance with C&MS 109.12.B.

Upon completion of the corrective action, re-measure surface smoothness according to this specification. Replace pavement markings and raised pavement markers according to the plans. All costs for corrective action will be the responsibility of the contractor.

Asphalt Concrete Surface: Classify asphalt pavement areas into one of the following types based on the work performed as part of the Project.

Type A: Asphalt pavement specified as at least two uniform courses with the total thickness placed greater than or equal to 3 inches (75 mm).

Type B: Asphalt pavement specified as either: a) at least one uniform course with the total thickness placed less than 3 inches (75 mm) and including Item 254 or SS897 planing prior to resurfacing, or b) at least two uniform courses with the total thickness less than 3 inches (75 mm) without including Item 254 or SS897 planing prior to resurfacing.

Type C: Asphalt pavement specified as a single uniform course not meeting the criteria of Type B. The uniform course may be placed on a non-uniform leveling course.

TABLE 420-1 ASPHALT CONCRETE PAVEMENT CLASS CRITERIA				
	Divided Highways*		Undivided Highways*	
Pavement Class	Corrective Action	Pay Adjustment Schedule (Table 420-3)	Corrective Action	Pay Adjustment Schedule (Table 420-3)
Type A [$\geq$ 3in. + 2-course]	[1],[5]	A	[2],[5]	A
Type B [$<$ 3in. + Milling] or [$<$ 3in. + 2-course]	[1],[5]	A	[3],[5]	A
Type C [$<$ 3in. + 1-course]	[2],[5]	A	[4]	B

* Divided highways have physical separation such as a grass median, raised concrete median, guardrail, or barrier between the two directions of travel. Highways with continuous two way left turn lanes are considered undivided. Undivided highways with short sections, less than 1000 feet (300 m), of physical separation are considered undivided for the entire length.

Corrective Action:

- [1] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 160 inches per mile (2.53 m/km) in 25 feet (7.6 m).
- [2] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 200 inches per mile (3.16 m/km) in 25 feet (7.6 m).
- [3] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 225 inches per mile (3.55 m/km) in 25 feet (7.6 m).
- [4] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 250 inches per mile (3.95 m/km) in 25 feet (7.6 m).
- [5] Correct any 0.1-mile (0.16 km) sections having an MRI greater than 90 inches per mile (1.42 m/km).

Perform corrective action as required in Table 420-1. Do not propose diamond grinding corrections in excess of one-third the contract Item surface course thickness.

Do not perform corrective diamond grinding within 1.5 feet of a non-pavement feature installed directly in a wheel path. Feather grind areas to provide a smooth surface.

For Category 1 pavements, do not diamond grind any individual lane more than 5 percent by longitudinal length of lane-miles (lane-km) paved in that individual lane.

When removal is required for corrective action, remove the entire asphalt course(s) affected, for the full lane width, for a minimum length of 30 feet, and replace per the original contract item(s). Apply Item 407 Tack Coat prior to placing any asphalt concrete.

Re-measure each 0.1-mile (0.16 km) section where corrective action was performed to ensure compliance with Table 420-1.

If the final surface course is Item 803, seal any diamond ground areas with material meeting the requirements of 702.04 prior to placing the Item 803.

Portland Cement Concrete Surface: Classify pavement areas into one of the following types based on the work performed as part of the Project.

Type A: Concrete pavement with the total specified thickness greater than or equal to 8 inches (200 mm).

Type B: Concrete pavement with the total specified thickness greater than 6 inches (150 mm) and less than 8 inches (200 mm).

Type C: Concrete pavement with the total specified thickness less than or equal to 6 inches (150 mm).

TABLE 420-2 PORTLAND CEMENT CONCRETE PAVEMENT CLASS CRITERIA				
	Divided Highways*		Undivided Highways*	
Pavement Class	Corrective Action	Pay Adjustment Schedule (Table 420-3)	Corrective Action	Pay Adjustment Schedule (Table 420-3)
Type A [≥ 8in.]	[1],[5]	A	[1],[5]	A
Type B [> 6 in. & < 8in.]	[1],[5]	A	[2],[5]	A

Type C [≤ 6 in.]	[2],[5]	A	[3]	B
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* Divided highways have physical separation such as a grass median, raised concrete median, guardrail, or barrier between the two directions of travel. Highways with continuous two way left turn lanes are considered undivided. Undivided highways with short sections, less than 1000 feet (300 m), of physical separation are considered undivided for the entire length.

Corrective action:

- [1] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 160 inches per mile (2.53 m/km) in 25 feet (7.6 m).
- [2] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 200 inches per mile (3.16 m/km) in 25 feet (7.6 m).
- [3] Correct all areas of localized roughness having deviations, high or low points, with an IRI in excess of 225 inches per mile (3.55 m/km) in 25 feet (7.6 m).
- [5] Correct any 0.1-mile (0.16 km) sections having an MRI greater than 90 inches per mile (1.42 m/km).

Perform corrective action as required in Table 420-2 by diamond grinding or removing and replacement per the original contract items. Do not perform corrective diamond grinding within 1.5 feet of a non-pavement feature installed directly in a wheel path. Feather grind areas to provide a smooth surface.

Re-measure each 0.1-mile (0.16 km) section where corrective action was performed to ensure compliance with Table 420-2.

Complete all corrective action prior to determination of pavement thickness. If corrective action is required, the surface texture after diamond grinding is acceptable and no additional texturing is required.

Asphalt and Portland Cement Concrete Surfaces: If corrective action is required, develop a Corrective Action Plan as specified in the Mandatory Corrective Action section of this Specification. Upon completion of the corrective action, re-measure surface smoothness according to this specification. In the event the Contractor was not able to correct the surface smoothness to meet the Specification, deductions will be made according to *Post-Correction Pay Adjustment* procedures below.

METHOD OF MEASUREMENT: Determine the IRI for each lane, for each wheel path, for each 0.1-mile (0.16 km) section of paving. The MRI for a 0.1-mile (0.16 km) section is the average of the IRI of the two wheel paths.

PAY ADJUSTMENTS: A lump sum pay adjustment will be made according to the following schedule and calculations for each lane for each 0.1-mile (0.16 km) section. Payment will be based on a 12 foot (3.7 m) lane width, regardless of lane width. Pay adjustments are based on the weighted average bid unit cost per square yard for the section multiplied by the pay factor as determined in Table 420-3. Pavement thickness is the total thickness of asphalt concrete, Portland cement concrete, or both placed as part of the contract and does not include any SS803 course, free draining base, aggregate base, stabilized subgrade, etc.

TABLE 420-3 PAY SCHEDULE			
SCHEDULE A		SCHEDULE B	
MRI	PAY ADJUSTMENT	MRI	PAY ADJUSTMENT

Inches per mile per 0.1 mile section (m/km per 0.16 km section)	Percentage of Unit Cost (PUC) (%)	Inches per mile per 0.1 mile section (m/km per 0.16 km section)	Percentage of Unit Cost (PUC) (%)
35 (0.55) or less	4	45 (0.71) or less	4
Over 35 to 50 (0.55 to 0.79)	$(50 - \text{IRI}) * (4/15)$	Over 45 to 60 (0.71 to 0.95)	$(60 - \text{IRI}) * (4/15)$
Over 50 to 70 (0.79 to 1.10)	0	Over 60 (0.95)	0
Over 70 to 90 (1.10 to 1.42)	$-(\text{IRI} - 70) * (6/20)$		
Over 90 (1.42)	(1)		

(1) Corrective action required

Asphalt Pavements:

$$WUC = \frac{(t_1 \times u_1) + (t_2 \times u_2) + (t_3 \times u_3) \dots}{36}$$

Where: *WUC* = weighted unit cost (\$/SY). *t* = lift thickness (in.).

u = bid unit cost (\$/CY).

Concrete Pavements:

$$WUC = \text{bid unit cost } (\$/SY)$$

Pay Adjustment (*PA*):

$$PA = WUC \times 704 \times PUC$$

Where: *WUC* = weighted unit cost (\$/SY).

PUC = percentage of unit cost from Table 420-3, expressed as a decimal.

Pay adjustments will be based on the measured IRI of each wheelpath and averaged as MRI, after any mandatory corrective action, however no incentive will be paid for any 0.1-mile (0.16 km) section where mandatory corrective action was performed regardless of the resulting IRI/MRI. No pay adjustments will be made for sections less than 0.1 miles (0.16 km) long, however corrections for localized roughness are required.

At the Contractor's option, corrective action may be performed on any section with an MRI greater than 70 inches per mile (1.10 m/km) to reduce or eliminate the negative pay adjustment, however no incentive will be paid regardless of the resulting MRI. As an option the Department may allow corrective action, in the form of diamond grinding, Item 254, or SS897 pavement planing, to improve the profile on any course prior to the surface course. If the final course is Item 803 do not perform corrective action on the Item 803. Only diamond grinding may be performed on the course immediately below Item 803.

POST-CORRECTION PAY ADJUSTMENT

Lot Roughness: Any uncorrected 0.1 mile (0.16 km) section at post-correction, subject to Schedule A, with an MRI of 90.1 or greater will require a negative pay adjustment according to table 402-4. Remove and replace any uncorrected 0.1 mile (0.16 km) section with an MRI greater than 95.

TABLE 420-4 POST-CORRECTION PAY ADJUSTMENT	
MRI at post-correction	% Pay Adjustment
90.1	20
91	35
92	51
93	67
94	84
95	91
>95	Remove and replace

Localized Roughness: Any section of uncorrected localized roughness up to 10% over the specified IRI threshold and subject to Schedule A or B, will require a negative pay adjustment based on the localized roughness analysis using the weighted average bid unit cost per square yard for the section being assessed. The following formula will be used to determine the negative pay adjustment per violation.

$$\text{Negative Pay Adjustment, per wheel path} = \text{Length of Violation} \times \text{IRI above Threshold} \times \text{WUC}$$

The minimum negative pay adjustment will be \$500.00 per wheel path per violation. Negative pay adjustments for uncorrected localized violations are cumulative for each wheel path.

Remove and replace locations with uncorrected localized roughness greater than 10% of the specified IRI. Replace the entire lane width per violation.

BASIS OF PAYMENT: Include the cost of all labor, equipment, materials, and all traffic control including LEOs necessary to meet this specification in the contract unit or lump sum price for the applicable pavement items.

PN 520 - 07/15/2022 - FUEL PRICE ADJUSTMENT

General: This Fuel Price Adjustment (Fpa) provision is intended to minimize risk to the Contractor or Design Build Team, (DBT) due to fuel price fluctuations that may occur during the Contract. This provision is not designed to estimate actual quantities of fuel used in construction operations, but to provide a reasonable basis for calculating a fuel price adjustment based on average conditions.

The Department determines adjustments under the provisions of this Proposal Note, and presumes that the Contractor/(DBT) has relied on these provisions when determining unit bid prices. The monthly application range for percent change (Mbp/Cbp) will not exceed 100% for a Fuel Price Adjustment increase or 75% for a Fuel Price Adjustment decrease as outlined in Section B, Calculation of Fuel Price Adjustment.

A. Price Adjustment Criteria: These requirements provide for a price adjustment, positive or negative, to payments due the Contractor/(DBT) for fluctuations in the cost of fuel consumed in the performance of certain items of work. The total price adjustment must be more than \$400. These price adjustment provisions apply only to those items in the contract as grouped by category and identified in Table A-1.

All adjustments will be made based on fuel consumption indicated by Table A-1, and no changes will be made for actual consumption rates.

Category descriptions and the fuel usage factors which are applicable to each are as follows:

Fuel Adjustment Categories, Table A-1				
Category	Basis of Calculation and Threshold Quantity	Eligible Items	Units	Fuel Usage Factor
Earthwork	Apply only to the greater of the sum of all Excavation quantities or the sum of all Borrow and Embankment quantities. Threshold Quantity* = 10,000 c.y. (7,645.66 c.m.)	203, 204	Gallons per cubic yard (Gallons per cubic meter)	0.50 (0.65)
Aggregate Bases	Apply to quantity calculated based on the Method of Measurement and Basis of Payment. Threshold Quantity* = 2,500 c.y. (1,912 c.m.)	304, 307	Gallons per cubic yard (Gallons per cubic meter)	0.75 (0.98)
Select Granular Backfill	Apply to quantity calculated based on the Method of Measurement and Basis of Payment. Threshold Quantity* = 2,000 c.y. (1,529 c.m.)	840	Gallons per cubic yard (Gallons per cubic meter)	0.75 (0.98)
Pavement Planing	Apply to quantity based upon Method of Measurement and Basis of Payment. Threshold Quantity* = 1,200 s.y. (103.35 s.m.)	254	Gallons per cubic yard (Gallons per cubic meter)	0.90 0.69
Flexible Bases and Pavements	Apply to quantity calculated based on the Method of Measurement and Basis of Payment. Threshold Quantity* = 1,200 c.y. (917 c.m.)	301, 302, 424, 441, 442, 443, 446, 448, 614, 615, 803, 806, 826, 851, 857, 860, 880	Gallons per cubic yard (Gallons per cubic meter)	1.70 (2.22)
Rigid Bases and Pavements	Apply to quantity calculated based on the Method of Measurement and Basis of Payment. Threshold Quantity* = 1,200 c.y. (917 c.m.)	305, 306, 451, 452, 526, 884,	Gallons per cubic yard (Gallons per cubic meter)	1.00 (1.31)
Structural Concrete	Apply to quantity calculated based on the Method of Measurement and Basis of Payment. Threshold Quantity* = 350 c.y. (268 c.m.)	511, 524, 842, 892	Gallons per cubic yard (Gallons per cubic meter)	4.00 (5.23)

* A Fuel Price Adjustment will only apply when the sum of all **original** contract quantities or for Design Build Projects all completed in-place accepted final quantities for the category meet or exceed the specified Threshold Quantity. When a Fuel Price Adjustment applies, calculate the Fuel Price Adjustment for the sum of all quantities for the category per this proposal note.

B. Calculation of Fuel Price Adjustment: Fuel Price Adjustments may be either positive or negative. A positive Fuel Price Adjustment will result in a payment to the Contractor/(DBT) while a negative Fuel Price Adjustment will result in a deduction.

The Department will calculate a Monthly Base Price (Mbp) for fuel for each month of each calendar year beginning with January 2001. The method for calculating the Monthly Base Price (Mbp) will be on file in the Division of Construction Management. The Monthly Base Price (Mbp) will be used to calculate all Fuel Price Adjustments. The Contract Base Price (Cbp) will be the Monthly Base Price (Mbp) for the

month the contract was bid. All Monthly Base Price (Mbp) values will be posted on the Division of Construction Management, Office of Construction Administration website at: <http://www.dot.state.oh.us/Divisions/ConstructionMgt/Admin/Pages/PriceIndexes.aspx>

During each month of the contract the Engineer will select the applicable Monthly Base Price (Mbp) and calculate the ratio of the Monthly Base Price (Mbp) divided by the Contract Base Price (Cbp). The formulas below allow for a variation in fuel prices without recognizing cost increases/ decreases within the range of 90% to 110% of the Contract Base Price (Cbp).

When, and only when, the Monthly Base Price (Mbp) divided by the Contract Base Price (Cbp) is less than 0.90 or greater than 1.10 will the Engineer calculate a Fuel Price Adjustment (Fpa).

Cost increases in excess of 200% of the Contract Base Price (Cbp) will not be recognized. When, the Monthly Base Price (Mbp) divided by the Contract Base Price (Cbp) is greater than 2.00, the Fpa shall be calculated using a Cbp/Mbp ratio of 2.00.

Cost decreases in excess of 75% of the Contract Base Price (CBP) will not be recognized. When, the Monthly Base Price (Mbp) divided by the Contract Base Price (Cbp) is less than 0.75, the Fpa shall be calculated using a Cbp/Mbp ratio of 0.75.

For a Price Increase:

$$Fpa = [(Mbp/Cbp) - 1.10] \times Cbp \times Q$$

For a Price Decrease:

$$Fpa = [(Mbp/Cbp) - 0.90] \times Cbp \times Q$$

Where:

Fpa = Fuel Price Adjustment

Mbp = Monthly Base Price

Cbp = Contract Base Price

Q = The number of gallons of fuel used in the placement of items identified in Table A-1 during that month at the specified Fuel Usage Factor. Q will be determined by the Engineer for each category by multiplying the applicable Fuel Usage Factor by the sum of quantities of completed and accepted work for the specified items.

The total Monthly Fuel Price Adjustment will be the algebraic sum of the Fuel Price Adjustments for materials placed during the month for each applicable category identified in Table A-1. The Total Fuel Price Adjustment for the project will be the algebraic sum of all Monthly Fuel Price Adjustments. The

Department will calculate the Monthly and Total Fuel Price Adjustment on a monthly basis and make contract modifications as provided in Section C, Payment/Deduction.

C. Payment/Deduction: The Fuel Price Adjustment will be paid, or deducted, upon approval of a change order prepared after completion of all work. Contractor/(DBT) markups are not permitted. Partial payments or deductions will be processed prior to total completion when the unpaid accrued Total Fuel Price Adjustment exceeds \$10,000 or once every 12 months.

D. Expiration of Contract Time: When eligible items of work grouped by category and identified in Table A-1 are performed after expiration of contract time and liquidated damages are chargeable, the value of Monthly Base Price (Mbp) used to compute the price adjustment will be either the Monthly Base Price (Mbp) at the time of actual performance or the Monthly Base Price (Mbp) at the time contract time expired, whichever is less.

E. Extra Work: When eligible items of work grouped by category and identified in Table A-1 are added to the contract as Extra Work and for which a unit price is negotiated the Contractor/(DBT) must use the appropriate price for fuel when preparing required backup data for the negotiated price. No Fuel Price Adjustment will be made for fuel consumed in the performance of eligible work added to the contract as Extra Work at a negotiated price when the work commences within 90 days of the approval of the change order authorizing said extra work. If the eligible work at a negotiated price commences more than 90 days after the approval of the change order authorizing said extra work a Fuel Price Adjustment will be made if said extra work quantities exceed the applicable threshold quantity in Table A-1. The Fuel Price Adjustment will be calculated using the Monthly Base Price (Mbp) value for the month the change order authorizing said extra work was approved as the value for its Contract Base Price (Cbp).

When Extra Work is added to the contract as a Force Account operating costs for equipment used in the performance of this work will be paid in accordance with C&MS 109.05.C.4 with no further adjustment.

F. Final Quantities: Upon completion of the work and determination of final pay quantities a change order will be prepared to reconcile any difference between estimated quantities previously paid and the final quantities. In this situation, the value for the Monthly Base Price (Mbp) used in the price adjustment formula will be the average of all Monthly Base Price (Mbp) values previously used for computing price adjustments.

PN 525 – 07/19/2024 - Steel Price Adjustment

A. General: This proposal note acknowledges fluctuations in the cost of manufactured steel used in the materials defined below and placed as part of the applicable construction work in the form of a pay adjustment. This proposal note will be used in bidding documents, including design-build projects only for as long as the price of the steel products set out below are subject to volatile spikes as determined solely by the Department.

These price adjustment provisions apply to items in the contract including any modified standard or non-standard item where the work to be performed involves the placement or installation of one or more of the steel products specified herein. The total price adjustment must be more than \$400.

The Department will post monthly adjustment indices for steel using data obtained in Table B-1.

To elect not to participate in the Steel Price Adjustment, advance notification must be submitted to the Department. The apparent low bidder is required to submit the Steel Price Adjustment Opt-out form via email to steeloptions@dot.ohio.gov by 3:00 pm prevailing local time within 7 calendar days after the bid opening. When the seventh calendar day after the bid opening falls on a day Department offices are closed, submit the Steel Escalation Price Adjustment Opt-out form by 3:00 pm prevailing local time on the next business day. If a properly completed Steel Price

Adjustment Opt-out form is not provided by the apparent low bidder within the time specified, the Department will consider the option to not participate in these price adjustment provisions on the project to be declined. The Steel Price Adjustment Opt-out form is located on the Department's website here: [Pages - Price Indexes \(state.oh.us\)](#).

For Category 1, Table B-1:

The Department will post monthly adjustment indices (BI and MI) for wide flange steel beams plus a scrap surcharge using data obtained from the steel producers listed.

www.stld-cci.com

www.nucoryamato.com

For Category 2, Table B-1:

The Department will post monthly adjustment indices (BI and MI) for steel using data obtained on the last Wednesday of the month from the American Metal Market (AMM), based on the price for Steel Plate, Cut-to-length as reported for National Mills.

B. Price Adjustment Criteria and Conditions: The BI monthly values apply to projects sold during the same month in which the data is posted. The MI monthly values apply to projects for which qualifying items are shipped from the mill during the same month in which the data is posted. Adjustments will be made to the contract for fluctuations in the cost of steel used in the manufacture of the primary components of only the steel products listed in Table B-1:

Product Relationship Table B-1	
Steel Product (Title)	BI, MI
Category 1: Structural Steel Members, Levels UF, 1, 2, and 3 Steel H-Piling	Average of lowest and highest 27” to 36” tall, 10”-12” wide flange beams, up to 256 lbs./ft., prices plus scrap surcharge from Nucor-Yamato and SDI
Category 2: Structural Steel Members, Levels 4, 5, and 6 Stay in-place steel casing (Piling & Caissons)	AMM Product Designation: Steel Plate, Cut-to-length (National Mills)

Nuts, bolts, rebar chairs, connecting bands and other miscellaneous hardware items shall not be included in the price adjustment. No other steel products shall be considered for a price adjustment.

Adjustments will only be made for fluctuations in the cost of the steel used in the above products as shipped from the producing mill. No adjustment will be made for changes in the cost of manufacturing, fabrication, shipping, storage, etc.

Adjustments may be positive, negative, or non-existent depending on the circumstances. Adjustments for the steel price will be calculated by the Engineer and processed by change order on the Contractor's progress estimate.

No steel price adjustments will be made for any products manufactured from steel having a mill shipping date prior to the letting date.

Furnish the following documentation for all Table B-1 steel products to be incorporated into the work. Submit all documentation to the Engineer prior to incorporation of the steel into the work. The Department will withhold progress payments if the documentation is not provided and at the discretion of the Engineer the work is allowed to proceed. Progress payments will be made upon receipt of the delinquent documentation. Submit separate documentation packages for each steel product in Table B-1 and for each quantity represented by items 2) c and d below. Label each documentation package with a unique number.

- 1) An affidavit signed by the Contractor, or Design-Build Team, (DBT) stating that the documentation provided is true and accurate.
- 2) Identification of the steel product subject to adjustment.

- a. Documentation package number: PN525 – (Insert the steel product “title” from Table B-1) – (Insert sequential package number beginning with “1”). Example: PN525 – Steel H Piling – 1, PN 525 – Structural Steel – 2, etc...
- b. The steel product quantity in pounds (kg).
- c. Steel Certification and Mill Test Reports for the steel product.
- d. The date the steel product, subject to adjustment, was shipped from the producing mill.

Upon the incorporation of the steel product into the work provide the Engineer the following:

- 1) An affidavit signed by the Contractor, or DBT stating that the documentation provided is true and accurate.
- 2) Identification of the steel product subject to adjustment.
 - a. Documentation package number that was initially established for the steel product for which the price adjustment will be calculated.
 - b. The actual steel product quantity in pounds (kg) that was incorporated into the work.

Price Adjustment Calculations

The below formulas allow for a variation in steel prices without recognizing cost increases/decreases within the range of - 90 % to 110% of the Bidding Index (BI). The total steel price adjustment (SPA) will not be computed unless the percent **% Change** is - 10% or more, increase or decrease:

$$\% \text{ Change} = [(MI/BI) - 1] \times 100$$

For a Price Increase:

$$SPA = [(MI/BI) - 1.10] \times BI \times (Q/100)$$

MI and BI are in terms of dollars (\$) per hundredweight (CWT). Therefore, Quantity (Q) of structural steel is divided by 100.

Example: If the Project was bid on 3/8/2008, the BI for a category 1 pay item in March 2008 is \$46.48. If wide flange beams have a documented weight of 34500 pounds and the mill date of 9/8/2009, the MI for September 2008 is \$60.23

Check threshold:

$$\% \text{ Change} = [(\$60.23/\text{CWT} / \$46.48/\text{CWT}) - 1] \times 100 = 29.58,$$

Is ABS (29.58) > 10? Yes

$$\begin{aligned}\text{Calculate SPA} &= [(\$60.23/\text{CWT} / \$46.48/\text{CWT}) - 1.10] \times \$46.48/\text{CWT} \times 34,500 \text{ lbs}/100 \\ &= \$3,140.19 \text{ (positive adjustment)}\end{aligned}$$

For a Price Decrease:

$$\text{SPA} = [(\text{MI}/\text{BI}) - 0.90] \times \text{BI} \times (\text{Q}/100)$$

MI and BI are in terms of dollars (\$) per hundredweight (CWT). Therefore, Quantity (Q) of structural steel is divided by 100.

Example: If the Project was bid on 1/8/2009, the BI for a category 1 pay item in January 2009 is \$47.83. If wide flange beams have a documented weight of 34500 pounds and the mill date of 4/8/2009, the MI for April 2009 is \$37.38.

Check threshold:

$$\% \text{ Change} = [(\$37.38/\text{CWT}/\$47.83/\text{CWT}) - 1] \times 100 = -21.85,$$

Is ABS (-21.85) > 10? Yes

$$\begin{aligned}\text{Calculate SPA} &= [(\$37.38/\text{CWT}/\$47.83/\text{CWT}) - 0.90] \times \$47.83/\text{CWT} \times 34,500 \text{ lbs}/100 \\ &= -\$1,955.12 \text{ (negative adjustment)}\end{aligned}$$

Where:

SPA = Steel Price Adjustment

MI = Mill Shipping Index. – in Dollars (\$) per hundredweight (CWT). Use the adjustment indices from the month the steel was shipped from the producing mill and properly documented. The adjustment indices will be posted on ODOT's website.

BI = Bidding Index. - in Dollars (\$) per hundredweight (CWT). Use the adjustment indices from the month in which the project is bid. The adjustment indices will be posted on ODOT's website.

Q = Quantity of the steel product, pounds actually incorporated into the work as documented by the Contractor, or DBT and verified by the Engineer.

C. Price Adjustment Limitations: The price adjustments are limited to a % Change of 100%, increase or 75% decrease.

Example 1: When the Project was bid, the BI for a category 1 pay item with a quantity of 50,000 pounds, was \$39.00, and the MI for the month in which the steel was shipped was \$89.88.

Check threshold:

$$\% \text{ Change} = [(\$89.88/\text{CWT}/\$39.00/\text{CWT}) - 1] \times 100 = 130.46\%$$

The limit is +100%, thus the SPA is calculated as follows:

$$\text{SPA} = [2.0 - 1.10] \times \text{BI} \times (Q/100)$$

$$\begin{aligned} \text{SPA} &= [2.0 - 1.10] \times \$39.00/\text{CWT} \times 50,000 \text{ lbs}/100 \\ &= \$17,550.00 \end{aligned}$$

Example 2: When the Project was bid, the BI for a category 1 pay item with a quantity of 50,000 pounds, was \$66.08, and the MI for the month in which the steel was shipped was \$29.00

Check threshold:

$$\% \text{ Change} = [(\$29.00/\text{CWT}/\$66.08/\text{CWT}) - 1] \times 100 = -56.11\%$$

The limit is -100 %, thus the SPA is calculated as follows:

$$\text{SPA} = [0.56 - 0.90] \times \text{BI} \times Q$$

$$\begin{aligned} \text{SPA} &= [0.56 - 0.90] \times \$66.08/\text{CWT} \times 50,000 \text{ lbs}/100 \\ &= -\$11,197.26 \end{aligned}$$

D. Payment/Deductions: The price adjustment will be paid, or deducted from the Contractor's, or DBT's progress estimate, upon approval of a change order.

If the price adjustment is based on estimated material quantities for that time, and a revision to the total material quantity is made in a subsequent or final estimate, an appropriate adjustment will be made to the price adjustment previously calculated. The adjustment will be based on the same indices used to calculate the price adjustment which is being revised. If the shipping date(s) of the revised material quantity cannot be determined, the adjustment for the quantity in question, will be based on the indices utilized to calculate the steel price adjustment for the last initial documentation package submission, for the steel product subject to adjustment, that was incorporated into the particular item of work, for which quantities are being finalized.

Example: Structural steel for a particular bridge was provided for in three different shipments with each having a different mill shipping date. The quantity of structural steel actually used for the bridge was calculated and a steel price adjustment was made in a progress payment. At the conclusion of the work an error was found in the calculation of the final quantity of structural steel used for the bridge. The quantity to be adjusted can not be directly related to any one of the three mill shipping dates. The steel price adjustment for the quantity in question would be calculated using the indices that were utilized to calculate the steel price adjustment for the quantity of structural steel represented by the last initial structural steel documentation package submission. The package used would be the one with the greatest sequential number.

E. Mill Index after the Approved Completion Date: When steel products are shipped from the mill after the approved contract completion date, steel price adjustments will be based on the MI for the month of the approved contract completion date or the MI for the actual month the steel was shipped, using whichever MI is less.

F. Documentation Review: The Department reserves the right to inspect the records of the Contractor or DBT, its subcontractors, material fabricators and suppliers to verify the accuracy of the documentation submitted to the Department.

G. Extra Work/Force Account: When steel product, as specified herein, are added to the contract as Extra Work, in accordance with the provisions of C&MS Section 109, no steel price adjustments will be made for any products manufactured from steel having a mill shipping date 5 business days after the Department's request. Price adjustments will be made as provided herein however the BI shall be based on the month of the Department's request. The MI will be based on the month the steel was shipped from the producing mill and after the Extra Work request. For extra work performed on force account basis, reimbursement of actual material costs, along with the specified overhead and profit markup, will be considered to include full compensation for the current cost of steel and no steel price adjustments will be made.

PN 534 - 01/21/2022 - ASPHALT BINDER PRICE ADJUSTMENT

A. Eligibility

If the Department's asphalt binder index has increased or decreased in excess of 10 percent, asphalt concrete may be eligible for a price adjustment. The total price adjustment must be more than \$400.

B. Price Adjustment Criteria and Conditions:

The Department will establish and publish the asphalt binder Bidding Index (BI) and Placing Index (PI) for each month of each calendar year. The asphalt binder indexes will be posted on the Department's website.

The Department will establish the asphalt binder indexes based on the data provided in the Poten & Partners, Inc., Asphalt Weekly Monitor® (AWM) (<http://www.poten.com/copyright.asp>).

The Department will use the selling price for PG64-22 paving grade asphalt from the Midwest/Mid-continent Markets of Illinois/Michigan/Ohio/Indiana/Kentucky for the Ohio cities/areas listed. The Department will average the Ohio cities/areas low and high selling prices as published in the last weekly publishing period of each month that includes the last Friday of the month to calculate the BI and PI. The calculated asphalt binder BI will be posted by the Department as the index for the following month. The calculated asphalt binder PI will be posted by the Department as the index for the current month.

The Director will determine the asphalt binder indexes in the event data from the AWM is unavailable for any reason.

C. Price Adjustment Calculations

If the ratio of the PI to the BI is greater than 1.10 or less than 0.90, the Department will adjust the compensation the contractor receives for eligible quantities of asphalt concrete. The adjustment is based on the bid month and the month of asphalt concrete placement. The adjustment will apply to the price for asphalt binder used in eligible asphalt concrete quantities according to the following formula:

For a price increase:

$$PA = \left(\frac{PI}{BI} - 1.10 \right) \times C \times Q$$

For a price decrease:

$$PA = \left(\frac{PI}{BI} - 0.90 \right) \times C \times Q$$

Where:

PA = Price Adjustment

BI = Bidding Index, the asphalt binder index for the month the project is bid

PI = Placing Index, the asphalt binder index for the month the asphalt concrete is placed

C = BI x percent virgin asphalt binder / 100

Q = Eligible quantity of asphalt concrete in tons (metric tons)

The percent of virgin asphalt binder used to calculate C is determined from the approved Job Mix Formula (JMF).

The eligible quantity of asphalt concrete, Q, is the complete, in-place, and accepted quantity in tons (metric tons) placed in the month being considered for price adjustment. If the quantity is paid in cubic yards (cubic meters), the Department will convert the volume into tons (metric tons) using the conversion factor established by OMM or, if an OMM conversion factor is not established, according to the Department's Construction and Material Specifications Item 440.07.

If eligible asphalt concrete is placed beyond an approved Contract Completion Date, the Department will base price adjustments on either the PI for the last month of the approved Contract Completion Date, or the PI for the actual month of placing, using whichever PI is less.

At a minimum, the Department will calculate and apply price adjustments at the end of each construction season and as soon as practical after the completion of the project.

D. Extra Work/Force Account:

When new asphalt concrete pay items are added to the contract as Extra Work, in accordance with the provisions of C&MS Section 109.05, no price adjustments will be made.

PN 540 - 10/19/2018 - PORTLAND CEMENT PRICE ADJUSTMENT FOR MULTI-YEAR PROJECTS

A. Eligibility: This price adjustment applies to portland cement concrete (PCC) placed under Items 305, 451, 452 and 884, subject to any exclusions or limitations provided herein.

If the Department's portland cement index has increased or decreased in excess of 10%, PCC may be eligible for a price adjustment. Eligibility is determined as follows:

1. Any contract item listed in the Schedule of Contract Items specifying more than 1800 SY of PCC and with more than 1800 SY of PCC complete, in-place, and accepted; or
2. For design-build projects, any contract item listed in the Schedule of Contract Items and with more than 1800 SY of PCC complete, in-place, and accepted.

The Department will publish a Monthly Index calculated using data released by the United States Department of Labor, Bureau of Labor Statistics (BLS). The Monthly Index will be determined using Producer Price Index-Commodities table for Series Id: WPU1322, Not Seasonally Adjusted, Group: Nonmetallic mineral products, Item: Cement, hydraulic, Preliminary (P).

This monthly index value applies to the corresponding project letting or eligible concrete placement month. (I.e. The monthly index value released during the first week of January applies to all projects let or concrete placed in January). The monthly index will be the BLS Preliminary (P) number and will not be modified if the value changes in the BLS data after original publication.

B. Price Adjustment Criteria and Conditions: The Department will determine the quantity of portland cement using the approved JMF for the portland cement component only. If the ratio of the placing index (*PI*) to the bidding index (*BI*) is greater than 1.10 or less than 0.90 the Department will adjust compensation that the Contractor receives for work performed each month under eligible contract items specifying portland cement concrete. The total price adjustment must be more than \$400. The adjustment will apply to portland cement used in those contract items according to the formulas herein.

Price Adjustment Calculations

The below formulas allow for a variation in cement prices without recognizing cost increases/decreases within the range of 90% to 110% of the Bidding Index (BI). The total portland cement price adjustment (PCPA) will not be computed unless the percent **% Change** is 10% or more, increase or decrease:

$$\% \text{ Change} = [(PI/BI) - 1] \times 100$$

For a Price Increase:

$$PCPA = [(PI/BI) - 1.10] \times BI \times Q$$

For a Price Decrease:

$$PCPA = [(PI/BI) - 0.90] \times BI \times Q$$

Where:

PCPA = Portland Cement Price Adjustment

PI = Placing Index. The published monthly index for portland cement, Type 1, released during the first week of the month in which the portland cement concrete item was placed.

BI = Bidding Index. The published monthly index for portland cement, Type 1, released during the first week of the month in which the portland cement concrete item was bid.

Q = Quantity of the portland cement, tons, incorporated into the work as documented by the Contractor and verified by the Engineer.

B. Payment/Deductions: If eligible portland cement concrete is placed beyond an approved Contract Completion Date, the Department will base price adjustments on either the PI for the last month of the approved Contract Completion Date, or the PI for the actual month of placing, using whichever PI is less. At a minimum, the Department will calculate and apply price adjustments at the end of each construction season and as soon as practical after the completion of the project.

F. Documentation Review: The Department reserves the right to inspect the records of the Contractor, its subcontractors, material fabricators and suppliers to verify the accuracy of the documentation submitted to the Department.

G. Extra Work/Force Account: When portland cement concrete, as specified herein, are added to the contract as Extra Work, in accordance with the provisions of C&MS Section 109.05, no portland cement price adjustments will be made.

PN 555 - 01/17/2025 – SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES

DESCRIPTION

For projects with new full depth cast-in-place concrete decks and slab superstructures, the surface smoothness requirements of C&MS 451.13 are modified as follows for bridge encounters defined as 25 feet of entry pavement, entry approach slab, bridge deck, exit approach slab and 25 feet of exit pavement including all joints.

MATERIALS AND EQUIPMENT

Provide smoothness measuring equipment conforming to Supplement 1058. Furnish the Department's approval letter of the profiler and the operator to the Engineer prior to commencing work. The Engineer will verify the smoothness measuring equipment conforms to Supplement 1058. The Engineer will verify the profile operator's certification against the operator list posted on the Office of Construction Administration webpage. Furnish equipment meeting the requirements of C&MS 257.02 for performing corrective diamond grinding. The Engineer will complete the Smoothness Profiler Verification Report in Supplement 1058.

SMOOTHNESS MEASUREMENT

Collect surface smoothness measurements for both wheel paths in each proposed travel lane during one continuous pass. The wheel paths are located parallel to the centerline or baseline of the roadway or ramp and approximately 3.0 feet from the centerline of the lane, measured transversely in both directions. Start the profile measurement approximately 250 feet before the approach slab/pavement interface at the entry end and continue to approximately 250 feet after the approach slab/pavement interface at the exit end.

Notify the engineer a minimum of 24 hours prior to surface smoothness measurements. Do not perform final measurements until all final wearing courses are in place within the bridge encounter lanes being measured and all concrete surfaces have reached specified curing and loading requirements. Place expansion joint material including polymer modified joint material, unarmored strip seals, unarmored expansion seals or similar material after completing corrective action. Place temporary material in lieu of the joint material for profile measurement until all corrective action is complete. Remove all dirt and debris from the surface of the travel lanes prior to performing the surface smoothness measurements. Provide permanent or temporary pavement markings for all travel lanes that are of sufficient size to be visible during surface smoothness measurements. Ensure the path of the profiler is parallel to the lane centerline at all times during data collection.

Develop an International Roughness Index (IRI) according to ASTM E 1926 for the bridge encounter using a continuous 25 feet base length analysis for each wheel path. Submit two copies of the summary report from ProVAL conforming to Supplement 1112 and two electronic copies of all bridge encounter profiles in ProVAL compatible format to the Engineer.

Provide necessary traffic control and survey stationing for all surface smoothness measurements.

MANDATORY CORRECTIVE ACTION

The Department will require corrective action where the Localized Roughness IRI (Refer to Supplement 1112 Appendix D for Definition) in any 25 feet segment of the bridge encounter exceeds 250 inches per mile, except on structures that include a steel armored expansion joint system where corrective action is required when the IRI exceeds 300 inches per mile. Perform corrective action to reduce the IRI for each corrected lane to 250 inches per mile or less for any 25 feet segment for a structure without a steel armor expansion joint system. For a structure that includes a steel armored expansion joint system, perform corrective action to reduce the IRI at the steel armor for each corrected lane to 300 inches per mile or less. Do not perform corrective diamond grinding within 1.5 feet of a steel armored expansion joint system installed prior to the corrective action. Do not exceed 0.5 inches of material removed by corrective diamond grinding without approval of the Engineer. If proposing diamond grinding exceeding 0.5 inches, use a pachometer or equivalent, capable of locating the nearest reinforcement, (i.e. size and location), accurate to within ± 0.1 inches. Provide cover readings within 6 inches of grinding locations exceeding 0.5 inches of removal depth.

Anytime PN 420 is used in conjunction with PN 555, the localized roughness criteria for the pavement beyond one foot of the approach slab will be governed by the criteria in PN 420.

If corrective action is required, develop a corrective action plan in accordance with Supplement 1112. Submit the corrective action plan to the Engineer at least 7 days before beginning corrective action. Do not begin corrective action until receiving the Engineer's acceptance of the corrective action plan. The corrective action plan may include but is not limited to grinding, pavement removal and replacement or a combination of the two. Corrective action required to meet the maximum allowable IRI values that are performed after the contract completion date, will be a Punch List item in accordance with C&MS 109.12.B. Corrective action will not be assessed liquidated damages in C&MS 108.07 or similar contract disincentives. If correction action on the Punch List is not completed within a reasonable time, it will be subject to an assessment of fifty percent of liquidated damages in accordance with C&MS 109.12.B. Upon completion of the corrective action, re-measure surface smoothness according to this specification. Feather areas adjacent to ground areas to provide a smooth surface. Re-groove diamond ground surfaces according to 511.17 if the existing grooves are less than 0.08 inches deep at no additional cost to the Department. Replace pavement markings and raised pavement markers according to the plans. All costs for corrective action will be the responsibility of the contractor.

PAY ADJUSTMENTS

A lump sum pay adjustment will be made according to Table 1 (without steel armored expansion joint system) or Table 2 (with steel armored expansion joint system) below based on the localized roughness histogram analysis within PROVAL per Supplement 1112. Positive Pay adjustments will only be made on histogram bins (refer to Supplement 1112 for definition.) on pre-corrected profile data that is below 200 IRI. The positive pay adjustment will only be made if the final structure does not have any locations exceeding a localized roughness of 250 IRI post correction without steel armored expansion joint systems or a localized roughness of 300 IRI with steel armored expansion joint systems, even for histogram bins on pre-corrected profile data below 200. The negative pay adjustments will be based on post corrective data.

The Department will not accept the Work for any part of the bridge with an IRI above 600 and consider the same as not in reasonably close conformance with the contract documents per C&MS 105.03. For surface smoothness above 600 IRI localized roughness, the Contactor must submit a corrective work plan per C&MS 501.05.C.

Table 1 - Pay Adjustment – No Steel Armor Expansion Joint Systems			
IRI	Approx. Area Under the Curve (AAUC)	Factored Bid Cost (FBC)	Pay Adjustment (PA)
IRI > 600	Contractor submits corrective action plan.		
550 < IRI ≤ 600	AAUC = -325 * L ₅₅₀₋₆₀₀	FBC = BC/1000	PA = AAUC*FBC
500 < IRI ≤ 550	AAUC = -275 * L ₅₀₀₋₅₅₀		
450 < IRI ≤ 500	AAUC = -225 * L ₄₅₀₋₅₀₀		
400 < IRI ≤ 450	AAUC = -175 * L ₄₀₀₋₄₅₀	FBC = BC/2000	
350 < IRI ≤ 400	AAUC = -125 * L ₃₅₀₋₄₀₀		
300 < IRI ≤ 350	AAUC = -75* L ₃₀₀₋₃₅₀		
250 < IRI ≤ 300	AAUC = -25 * L ₂₅₀₋₃₀₀		
200 < IRI ≤ 250	No Pay Adjustment		
150 < IRI ≤ 200	AAUC = 25 * L ₁₅₀₋₂₀₀	FBC = BC/4000	PA = AAUC*FBC
100 < IRI ≤ 150	AAUC = 75 * L ₁₀₀₋₁₅₀		
50 < IRI ≤ 100	AAUC = 125 * L ₅₀₋₁₀₀		
0 < IRI ≤ 50	AAUC = 175 * L ₀₋₅₀		
Notes:			
L _{i-j} = Total length (ft) of encounter with i < IRI ≤ j (e.g. L ₂₀₀₋₂₅₀ for 200 < IRI ≤ 250)			
BC bridge decks = Unit Bid Cost (\$/yd ³) of superstructure concrete deck			
Table 2 – Pay Adjustment – with Steel Expansion Joint Systems			
IRI	Approx. Area Under the Curve (AAUC)	Factored Bid Cost (FBC)	Pay Adjustment (PA)

IRI > 600	Contractor submits corrective action plan.		
550 < IRI ≤ 600	AAUC = -325 * L ₅₅₀₋₆₀₀	FBC = BC/1000	PA = AAUC*FBC
500 < IRI ≤ 550	AAUC = -275 * L ₅₀₀₋₅₅₀		
450 < IRI ≤ 500	AAUC = -225 * L ₄₅₀₋₅₀₀		
400 < IRI ≤ 450	AAUC = -175 * L ₄₀₀₋₄₅₀	FBC = BC/2000	
350 < IRI ≤ 400	AAUC = -125 * L ₃₅₀₋₄₀₀		
300 < IRI ≤ 350	AAUC = -75* L ₃₀₀₋₃₅₀		
250 < IRI ≤ 300	No Pay Adjustment		
200 < IRI ≤ 250			
150 < IRI ≤ 200	AAUC = 25 * L ₁₅₀₋₂₀₀	FBC = BC/4000	PA = AAUC*FBC
100 < IRI ≤ 150	AAUC = 75 * L ₁₀₀₋₁₅₀		
50 < IRI ≤ 100	AAUC = 125 * L ₅₀₋₁₀₀		
0 < IRI ≤ 50	AAUC = 175 * L ₀₋₅₀		
Notes:			
L _{i-j} = Total length (ft) of encounter with i < IRI ≤ j (e.g. L ₂₀₀₋₂₅₀ for 200 < IRI ≤ 250)			
BC bridge decks = Unit Bid Cost (\$/yd ³) of superstructure concrete deck			

Basis of Payment:

Include the cost of all labor, equipment, materials, and all traffic control including LEO's necessary to meet this specification in the contract unit or lump sum price for applicable bridge or pavement items.

Utility 4A Note
CUY-90-16.28 Stage 3
PID #82382

Bidders are advised that the following utility facilities may not be cleared from the construction area at the time of award of the contract. These utility facilities shall remain in place **or** be relocated within the construction limits of the project as set out below.

The Project Contractor shall appropriately coordinate and give adequate notification to the utility owners whose castings require adjustment or whose facilities require relocation during construction so as not to conflict with the Project Contractor's schedule of operations. Utility contact information is included in the general notes on sheet 73/2696 of the project plans.

It is the responsibility of the Project Contractor to confirm that all utility providers have duly relocated their infrastructure as detailed below, prior to the commencement of any excavation activities in the designated area.

The Project Contractor must exercise caution when working in proximity to the existing and/or relocated utility facilities. Sections 105.07 and 107.16 of the *Department of Transportation Construction and Material Specifications* require that the Project Contractor cooperate with all utilities located within the limits of this construction project and take responsibility for the protection of the utility property and services.

- All station locations listed below are approximate unless otherwise stated.
- Locations of the underground utilities shown in the plans were obtained from the owners of the utility as required by section 153.64 of the ORC. All changes to relocation work as described in the Utility Note must be approved by the Department. The Department shall not be held responsible for delay claims resulting from agreements made between the utility companies and the Project Contractor without the Department's prior consent to the agreement.
- The Project Contractor shall notify the Project Engineer, **in writing**, within **24 hours** of any project related contact with a utility company.
- Utility company work time frames **DO NOT** include Ohio Revised Code 48-hour One Call requirements.
- The Project Contractor shall contact the Ohio Utility Protection Service (OUPS) prior to any excavation or digging. The Project Contractor is responsible for contacting any nonmembers of OUPS or utilities who have not marked the area of concern.
- It **should not** be assumed a utility company's work, in all locations, can be performed concurrently, unless otherwise noted. The number of working days for a company to perform their relocation work may not be consecutive, as scheduling conflicts with other ongoing construction or utility activities may prevent continuous work.
- The contractor shall be responsible for ensuring effective coordination with all utility providers to facilitate the timely installation and subsequent removal of their facilities on the temporary poles. As multiple utilities are stacked vertically on these poles, both installation and removal activities must be carefully sequenced to avoid conflicts and delays. It is essential

that each utility is provided with sufficient time to complete their respective work, and that clear communication and scheduling are maintained throughout the relocation process to ensure smooth execution.

- The Project Contractor shall note that, upon completion of the E. 22nd Street Bridge, utility providers will require up to **six weeks, unless otherwise noted below**, following the installation of steel brackets, cross frames, rollers, and conduit to restore their facilities. This restoration period must be completed prior to the commencement of demolition activities on the Carnegie Avenue Bridge.
- The Project Contractor shall give a **minimum 30-day notice, unless otherwise noted below**, to each utility company that has been identified in this note or in an OUPS dig request to have conduit/cable/pipe on the E. 22nd St. and Carnegie Ave. bridge prior to any demolition work on said bridges. The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to the utility company beginning work. Upon completion of the installation of the temporary Cleveland Public Power poles, all utilities must be relocated off the bridge within a cumulative **12-week** time frame. As not all utility companies can transfer their lines to the temporary poles at the same time, the contractor must proactively coordinate and schedule with each utility to ensure they have adequate time to complete their relocations within the cumulative **12-week** timeframe.
- The Project Contractor shall give a **minimum 30-day notice, unless otherwise noted below**, to each utility company that will be installing new conduit/cable/pipe on the E. 22nd St. and Carnegie Ave. bridge. The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for the utility company prior to the utility company beginning work. The Project Contractor shall provide access to the bridge on either side of the structure for each utility company. Upon completion of the installation of the steel brackets/cross frames/rollers, all utilities must be relocated on the bridge within a cumulative **12-week** time frame.
- All utility contacts provided in this document are to be invited to the pre-construction meeting.

AT&T

AT&T is to relocate or remove facilities prior to and during construction. Others are to remain undisturbed. AT&T facilities will be encountered by Project Contractor for drainage installation, bridge, and other subsurface work. Project Contractor shall support AT&T facilities in place if/when excavation under AT&T facilities, not scheduled to be relocated or removed, is performed. Secondary facilities are present in AT&T-owned ducts. The Project Contractor is responsible for notifying secondary utilities and coordinating relocation of secondary utilities. It is the responsibility of the Project Contractor to avoid conflicts with AT&T facilities where necessary.

All materials for installation of the AT&T conduits and their hanger supports, other than the structural steel single angle members, shall be provided by AT&T. It is the Contractor's responsibility to arrange the delivery of materials to prevent any construction delays. The Project Contractor shall install hangers, conduit racks, hardware, and conduit from the outside edge of approach slabs, which includes the conduit through the approach slab, through the abutment backwalls, and inside the girder bays. AT&T shall complete work up to the outside edge of the approach slabs and pull all cables. Rudy Najda at R.C. Childs is willing to meet with the Project Contractor to discuss the installation of AT&T facilities on the bridges.

- E. 22nd St., Sta 30+76 to 37+28 RT (Underground, 6 M.T.D.) Note: the duct on the E. 22nd St. bridge is likely to contain asbestos. Additional information regarding asbestos abatement on bridges is included in the general notes on sheet 77/2696 of the project plans.
 - Temporary Relocation: AT&T shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the E. 22nd St. bridge. The Project Contractor shall coordinate their temporary pole installation schedule with AT&T.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to AT&T beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, AT&T shall be given **twelve weeks** to relocate their facilities from the E. 22nd St. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying AT&T a **minimum of 45 days** prior to the start of the **twelve-week** relocation period.
 - Permanent Relocation: The Project Contractor shall coordinate the E. 22nd St. bridge construction schedule with AT&T, specifically regarding when AT&T can begin relocating their facilities.
 - The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for AT&T prior to AT&T beginning work.
 - AT&T shall relocate their facilities from the temporary poles to their final location on E. 22nd St., as shown on the plans, within six weeks of the installation of the steel brackets/cross frames/rollers.
 - The Project Contractor shall be responsible for notifying AT&T a **minimum of 45 days** prior to the start of the **six-week** relocation period.
 - The Project Contractor shall provide access to the bridge on either side of the structure.
 - AT&T shall coordinate the relocation work with third party utilities that occupy their ducts, such as and not limited to Charter and Western Reserve.
- Carnegie Ave., Sta 57+42 to 65+07 RT (Underground, 7 S.T.D.) Note: the ducts on the Carnegie Ave. bridge are likely to contain asbestos. Additional information regarding asbestos abatement on bridges is included in the general notes on sheet 76/2696 of the project plans.
 - Temporary Relocation: AT&T shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the Carnegie Ave. bridge. The Project Contractor shall coordinate the Carnegie Ave. temporary pole installation schedule with AT&T.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to AT&T beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, AT&T shall be given **six weeks** to relocate their facilities from the Carnegie Ave. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying AT&T a **minimum of 45 days** prior to the start of the **six-week** relocation period.
 -
 - Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with AT&T, specifically regarding when AT&T can begin relocating their facilities.
 - The Project Contractor shall be complete with installation of the steel

- brackets/cross frames/rollers for AT&T prior to AT&T beginning work.
- AT&T shall relocate their facilities from the temporary poles to their final location on Carnegie Ave., as shown on the plans, within six weeks of the installation of the steel brackets/cross frames/rollers.
- The Project Contractor shall be responsible for notifying AT&T a **minimum of 45 days** prior to the start of the **six-week** relocation period.
- The Project Contractor shall provide access to the bridge on either side of the structure.
 - AT&T shall coordinate the relocation work with third party utilities that occupy their ducts, such as and not limited to Crown Castle.
- I.R. 90 WB, Sta 192+10 to 193+81 LT/RT (Underground, 15 S.T.D) Existing duct will be abandoned in place. AT&T will relocate its lines in advance of **September 30, 2025**.
- I.R. 90 WB, Sta 190+28 to 192+10 LT (Underground, 15 S.T.D) AT&T shall relocate its lines in advance of **September 30, 2025**. AT&T plans to follow CEI overhead to feed nearby buildings. The duct will be removed by the Project Contractor if encountered during construction.
- I.R. 90 WB, Crossing at Sta 185+32 LT/RT (Underground, 2 S.T.D) AT&T shall relocate its lines in advance of **September 30, 2025**. The duct will be removed by the Project Contractor if encountered during construction.
- Ramp IH4, Sta. 12+52 to 15+42 LT/RT (Underground, 12 S.P.) AT&T shall relocate its lines in advance of **September 30, 2025**. The duct will be removed by the Project Contractor if encountered during construction.
- Ramp A2, Crossing at Sta 416+42 LT/RT (Underground, 12 M.T.D.) AT&T shall relocate its lines in advance of **September 30, 2025**. The duct will be removed by the Project Contractor if encountered during construction.

Contact: Rick Greenhill, 216-543-8237, rg3265@att.com
 James Janis, 216-534-7285, pj8191@att.com
 Eric Johnston, 216-544-2470, ej1265@att.com
 Rudy Najda, 440-517-1632, rudyr@rcchids.com

CEI / ILLUMINATING COMPANY / FIRST ENERGY

CEI/First Energy is to relocate facilities prior to and during construction. Others are to remain undisturbed. CEI facilities will be encountered by Project Contractor for drainage installation and other subsurface work. Project Contractor shall not disturb CEI facilities and shall support CEI facilities in place when excavation under CEI facilities is performed. Secondary facilities are present on CEI-owned poles and in CEI owned ducts. Project Contractor is responsible for notifying secondary utilities and coordinating relocation of secondary utilities.

All materials for installation of the CEI conduits and their hanger supports, other than the structural steel single angle members, shall be provided by CEI. It is the Contractor's responsibility to arrange the delivery of materials to prevent any construction delays. The Project Contractor shall provide CEI with a minimum **12-week** notice prior to the delivery of materials to the site and the commencement of any work requiring CEI's support. The Contractor shall install hangers, conduit racks, hardware, and conduit from the outside edge of approach slabs, which includes the conduit through the approach slab, through the abutment backwalls, and inside the girder bays. CEI shall complete work up to the outside edge of the approach slabs and pull all cables.

Contractor shall provide written notice to CEI if modifications or de-energizing of CEI facilities is

required to permit construction activities. Be advised that the CEI shop **lead time is 16 weeks** plus engineering. Non CEI personnel are not permitted to hold or brace poles. CEI shall be solely responsible for relocating or adjusting to grade any CEI owned manholes. Reference Illuminating Company Project Response Company File WR #61634588.

- First Energy shall permanently relocate the following poles. Poles are to be relocated prior to **September 30, 2025**. If any poles are not relocated by this date, CEI must notify the Project Engineer and Project Contractor with relocation plans to ensure poles are relocated prior to any work in the area.
 - I.R. 90 WB, Sta 194+46 RT, Pole #33162, Relocate due to conflict with proposed pavement.
 - Ramp A1, Sta 304+65 LT, Pole #33178, Relocate due to conflict with proposed wall.
 - Ramp A1, Sta 306+34 RT, Pole #50995, Relocate due to conflict with proposed pavement.
 - E 19th, Sta 3+39 RT, Pole #510275, Relocate due to conflict with proposed 15" storm, curb, and underdrain.
 - Ramp A2, Sta 434+22 RT, Pole #33164, Relocate due to conflict with proposed pavement.
 - Ramp A2, Sta 436+85 RT, Pole #803436, Relocate due to conflict with proposed pavement.
 - Carnegie, Sta 46+57 LT, Pole CPP-4871, CEI head guy on CPP Pole to be removed by Project Contractor.
 - Carnegie, Sta 59+30 LT, Pole #224373, Relocate due to conflict with I-90 WB substructure.
 - Midtown Connector, Sta 510+41 LT, Pole #24255, Relocate due to conflict with proposed pavement.
 - Midtown Connector, Sta 512+71 LT, Pole #24254, Relocate due to conflict with proposed pavement.
 - Cedar, Sta 400+52 RT, Pole #54291, Relocate due to conflict with proposed pavement.
 - Cedar, Sta 401+98 LT, Pole #54290, Relocate due to conflict with proposed curb and underdrain.
 - E 18th, Sta 23+59 RT, Pole #705788, Relocate due to conflict with proposed pavement.
 - E. 22nd, Sta 30+84 RT, Pole #24269, Relocate due to conflict with proposed ADA ramp.
- E. 22nd St., Sta 32+50 to 36+40 RT (Underground, 12-4" Duct)
 - Temporary Relocation: CEI is to have all facilities in the E. 22nd St bridge relocated prior to **September 30, 2025**. The proposed relocation strategy involves utilizing existing underground ductwork and installing new duct as needed along the Cedar Avenue corridor. From there, the route will transition to an aerial configuration extending to Carnegie Ave., remaining within the existing right-of-way. CEI will also install aerial facilities across the Carnegie Ave. bridge. This approach ensures uninterrupted service to all CEI customers throughout the duration of the E. 22nd Street bridge outage.
 - Permanent Relocation: The Project Contractor shall coordinate the E. 22nd St. bridge construction schedule with CEI, specifically regarding when CEI can begin installing their facilities on the bridge. CEI shall be given **12 weeks** to pull the cables through the bridge once the conduits are installed by the Project Contractor.
 - CEI shall coordinate the relocation work with third party utilities that occupy their ducts.
- Midtown Connector, Sta 504+90 to 511+30 RT (Underground, 9-4" F.D.) The project is anticipated to proceed without any interference with the existing CEI facilities on Midtown Connector. However, it is imperative that caution is exercised during the excavation process to prevent any potential damage.
- Cedar Ave., Sta 400+00 to 403+34 RT (Underground, 9-4" F.D.) The project is anticipated to

proceed without any interference with the existing CEI facilities on Midtown Connector. However, it is imperative that caution is exercised during the excavation process to prevent any potential damage.

- Carnegie Ave., Sta 58+75 to 65+31 LT (Underground, 12-4" Duct)
 - Temporary Relocation: CEI does not currently have any circuits within the ducts on the Carnegie Ave bridge so no temporary relocation for the underground facilities will be necessary.
 - Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with CEI. CEI shall be given **12 weeks** to pull the cables through the bridge once the conduits are installed by the Project Contractor.
 - CEI shall coordinate the relocation work with third party utilities that occupy their ducts.

Contact: Dan Carman, 740-314-9986, drcarman@firstenergycorp.com (Underground)
John Zassick, 440-546-8706, jmzassick@firstenergycorp.com (Overhead)

CHARTER/SPECTRUM

Charter is to relocate facilities prior to and during construction. Project Contractor shall notify and coordinate with Charter.

E. 22nd St. Bridge, Secondary to AT&T (Underground), Charter has secondary underground facilities within AT&T ducts on E. 22nd.

- Temporary Relocation: Charter shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the E. 22nd St. bridge. The Project Contractor shall coordinate their temporary pole installation schedule with Charter.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to Charter beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, Charter shall be given **six weeks** to relocate their facilities from the E. 22nd St. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying Charter a **minimum of 45 days** prior to the start of the **six-week** relocation period.
- Permanent Relocation: The Project Contractor shall coordinate the E. 22nd St. bridge construction schedule with Charter, specifically regarding when Charter can begin relocating their facilities.
 - The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for primary utilities prior to Charter beginning work.
 - Charter shall relocate their facilities from the temporary poles to their final location on E. 22nd St., as shown on the plans, within six weeks of the installation of the steel brackets/cross frames/rollers.
 - The Project Contractor shall be responsible for notifying Charter a **minimum of 45 days** prior to the start of the **six-week** relocation period.
 - The Project Contractor shall provide access to the bridge on either side of the structure.

Cedar Ave. Bridge, Secondary to CEI & CPP (Overhead), Charter has secondary facilities on poles to be

removed and not replaced. One fiber line is not active and will be removed. Charter will require **30-day** notice to permanently relocate their facilities. Charter shall relocate its facilities within **30 days** of CEI & CPP relocations. CEI & CPP shall be responsible for notifying Charter a **minimum of 30 days** prior to the start of the **30-day** relocation period.

Carnegie Ave. Bridge, Secondary to CEI & CPP (Overhead), Charter has secondary facilities on CEI poles to be reset.

- Temporary Relocation: Charter shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the Carnegie Ave. bridge. The Project Contractor shall coordinate the Carnegie Ave. temporary pole installation schedule with Charter.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to Charter beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, Charter shall be given **6-weeks** to relocate their facilities from the Carnegie Ave. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying Charter a minimum of **90 days** prior to the start of the **six-week** relocation period.
- Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with Charter. Charter will require **90-day** notice to permanently relocate their facilities.
 - The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for primary utilities prior to Charter beginning work.
 - Charter shall relocate their facilities from the temporary poles to their final location on Carnegie, as shown on the plans, within six weeks of the installation of the steel brackets/cross frames/rollers.
 - The Project Contractor shall be responsible for notifying Charter a **minimum of 90 days** prior to the start of the **six-week** relocation period.
 - The Project Contractor shall provide access to the bridge on either side of the structure.

E. 19th St., Secondary to CEI (Overhead), Charter has secondary facilities on CEI poles to be relocated.

- Charter plans to follow CEI utility pole relocation plans. Charter will require **45-day** notice to relocate their facilities. Charter shall relocate its facilities within **30 days** of CEI relocations. Project Contractor shall be responsible for notifying Charter a minimum of **45 days** prior to the start of the **30-day** relocation period.

Contact: Rick Palencar, 216-575-8016 ext. 2165555032, Rick.Palencar@charter.com

CLEVELAND PUBLIC POWER

Project Contractor is to relocate CPP facilities during construction. CPP facilities will be encountered by Project Contractor for drainage installation and other subsurface work. Project Contractor is responsible for relocation and installing CPP facilities per the plans. See plans for details. Secondary facilities are present on CPP-owned poles. Project Contractor is responsible for notifying secondary utilities and coordinating relocation of secondary utilities. All materials shall be provided by Project Contractor.

For safety purposes, CPP must be the ones who energize and/or de-energize any CPP equipment,

including but not limited to circuits. The contractor shall coordinate with CPP to disconnect existing electrical service feeds to the designated wood utility pole, steel light pole, light tower, pull box or junction box identified for removal by the Project Contractor as shown on the lighting plans.

Contact: Chris Hirzel, 216-664-3922, EXT 76115, chirzel@cpp.org
Bryan Shepherd, 216-664-2922, EXT 76183, bshepherd@cpp.org

CITY OF CLEVELAND, DIVISION OF WATER

Project contractor shall perform hydrant and water line relocation on City of Cleveland Division of Water facilities per the plans. See plans for details. All CWD fees and notifications are the responsibility of the Project Contractor. All materials shall be provided by Project Contractor.

Project to install 30" waterline to maintain redundancy as E. 22nd St. and Carnegie Ave. bridges are demolished, and waterline connections are reestablished.

Contact: Fred Roberts, 216-644-2444 x75590, Fred_roberts@clevelandwater.com

CITY OF CLEVELAND WATER POLLUTION CONTROL

Project Contractor shall perform alterations/connections to City of Cleveland WPC facilities per the plans. See plans for details. All WPC notifications are the responsibility of the Project Contractor and all materials shall be provided by Project Contractor.

The Project Contractor shall notify WPC a minimum of **30 days** prior to the start of construction. Call the engineering office at 216-664-2756 or 216-664-3638 to coordinate the sewer work. The Project Contractor is required to submit shop drawings for the City of Cleveland WPC sewers prior to sewer installation. The drawings should include the sewer pipes, manholes, catch basins, and other sewer appurtenances. WPC shall be provided a minimum of **two weeks** to review and approve the submitted shop drawings.

The proposed City of Cleveland WPC sewers shall be constructed in accordance with the plans and specifications approved by WPC. Any deviations from the approved plans or specifications require a new plan submittal reflecting the changes. Upon review of the revised items, WPC will re-issue a new approval. It is strictly prohibited to construct any sewers unless they are approved by WPC.

Contact: Alan Schiely, 216-664-3638, aschiely@clevelandwpc.com

CLEVELAND THERMAL (CORIX)

Cleveland Thermal has a 16" steam line that crosses the E. 22nd St. bridge that they do not intend to replace. Cleveland Thermal permanently cut and capped their 16" steam line **June 29, 2024, in Cleveland Thermal vault #191 located approximately 230 ft. south of Prospect Ave. on E.22nd Street**. Project Contractor to remove the decommissioned 16" steam line if encountered.

- 16" Steam, 32+49 to 37+22 LT (E. 22nd St.), Existing line to be removed by Project Contractor.
- 12" Steam. 30+33 to 32+49 LT (E. 22nd St.), Existing line to be removed by Project Contractor.
- 10" Steam, 32+56 to 33+32 RT (E. 22nd St.), Existing line to be abandoned by Project Contractor.

Contact: Scott Templeton, 216-241-4192, Scott.Templeton@clevelandthermal.com

CROWN CASTLE

Crown Castle is to relocate facilities prior to and during construction. Crown Castle has fiber that runs along Carnegie Ave. on CEI poles. Crown Castle will relocate its facilities within **30 days** of CEI relocations. Project Contractor shall notify and coordinate with Crown Castle.

Carnegie Ave., Sta 42+04 LT (Small Cell Site) Crown Castle owns the small cell site that is located on a city signal pole and leases the cell site to Verizon. The existing pole cannot remain so Crown Castle shall relocate the cell site to the new signal support pole, as well as the cabinet. Crown Castle is responsible for notifying Verizon of the conflict and relocation.

Carnegie Ave. Bridge, Secondary to CEI & CPP (Overhead), Crown Castle has secondary facilities on CEI poles to be reset.

- Temporary Relocation: Crown Castle shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the Carnegie Ave. bridge. The Project Contractor shall coordinate the Carnegie Ave. temporary pole installation schedule with Crown Castle.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to Crown Castle beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, Crown Castle shall be given **six weeks** to relocate their facilities from the Carnegie Ave. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying Crown Castle a **minimum of 30 days** prior to the start of the **six-week** relocation period.
- Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with Crown Castle.
 - The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for Crown Castle prior to Crown Castle beginning work.
 - Crown Castle shall relocate their facilities from the temporary poles to their final location on Carnegie Ave. as shown on the plans, within **six weeks** of the installation of the steel brackets/cross frames/rollers.
 - The Project Contractor shall be responsible for notifying Crown Castle a **minimum of 30 days** prior to the start of the **six-week** relocation period.
 - The Project Contractor shall provide access to the bridge on either side of the structure.

Contact: Jon Tarnowski, 614-940-2462, Jon.Tarnowski@crowncastle.com
Daniel Kuches, Daniel.Kuches.Contractor@crowncastle.com

ENBRIDGE (DOMINION ENERGY OHIO)

Enbridge is to relocate facilities prior to and during construction. Others are to remain undisturbed. Enbridge facilities will be encountered by Project Contractor for drainage installation, bridge, and other subsurface work. Project Contractor shall support Enbridge facilities in place if/when excavation under Enbridge facilities, not scheduled to be relocated, is performed. Project Contractor shall notify and coordinate with Enbridge.

All materials, other than steel angle supports, shall be provided by Enbridge. It is the Project Contractor's responsibility to make proper arrangement of the delivery of materials to prevent any construction delays. The Project Contractor shall provide Enbridge with a minimum **30-day** notice prior to the delivery of materials to the site and the commencement of any work requiring Enbridge's support. The Project Contractor shall install hangers, roller guides, and blockouts from the outside edge of approach slabs, which includes the blockout through the approach slab. Enbridge shall complete all work up to the outside edge of the approach slabs and shall provide and install the gas line across the bridges. Enbridge requires a maximum **five weeks** to complete the installation of the gas main across the E 22nd St. and Carnegie Ave. bridges, which includes time to test the main.

- Upsizing gas line outside of the project area will allow for Enbridge to provide service to all customers without needing to temporarily relocate their facilities during the E. 22nd and Carnegie Ave. bridge outages.
- E. 14th St. NB, STA 54+00 to 60+00 RT (Underground, 20" STL IP Gas) Existing gas line was placed at a depth of approximately 7' below existing ground in preparation for this project. Special care was taken in design to avoid conflicts with the 20" gas main based on information provided by Enbridge. The Project Contractor shall coordinate with the Project Engineer and Enbridge if conflicts are encountered.
- E. 22nd St., Sta 30+87 to 36+58 LT (Underground, 12" STL LP Gas)
 - Temporary Relocation: There are no temporary relocation plans in place for the 12" gas line while the E. 22nd St. bridge is under construction due to having redundancy in their gas network. Enbridge shall need to decommission and remove the 12" gas line by **September 30, 2025**. Project Contractor shall notify and coordinate with Enbridge.
 - Permanent Relocation: The Project Contractor shall coordinate the E. 22nd St. bridge construction schedule with Enbridge, specifically regarding when Enbridge can begin installing and connecting their facilities on the bridge. Enbridge shall relocate their facilities to their final location on E. 22nd St., within **five weeks**. Project Contractor shall be responsible for notifying Enbridge a **minimum of 30 days** prior to the start of the **five-week** relocation period.
- Ex. Cedar Ave., Sta 19+00 to 22+00 RT (Underground, 6" STL LP Gas) Enbridge gas line is in conflict with the proposed grading of the Midtown Connector and Cedar Ave intersection. Enbridge shall relocate or lower its gas line in advance of **September 30, 2025**. Project Contractor shall notify and coordinate with Enbridge.
- Carnegie Ave., Sta 53+75 to 69+42 LT (Underground, 12" STL LP Gas)
 - Temporary Relocation: There are no temporary relocation plans for the existing 12" gas line during the Carnegie Avenue bridge construction, as the gas network has sufficient redundancy to maintain service. Enbridge shall decommission and remove the 12" gas line prior to the demolition of the Carnegie Ave bridge. This process is expected to take no more than **five weeks**. To ensure timely completion, the Project Contractor is required to notify Enbridge a minimum of **30 days** in advance of the intended start date for the **five-week** decommissioning and removal period. Project Contractor shall notify and coordinate with Enbridge.
 - Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with Enbridge, specifically regarding when Enbridge can begin installing and connecting their facilities on the bridge. Enbridge shall relocate their facilities to their final location on Carnegie Ave. within **five weeks**. Project Contractor shall be responsible for notifying Enbridge a **minimum of 30 days** prior to the start of the **five-week** relocation period.

Contact: Doug Smith, 330-664-2529, douglas.m.smith@dominionenergy.com

EVERSTREAM

Everstream is to relocate facilities prior to and during construction. Project Contractor shall notify and coordinate with Everstream.

Cedar Ave. Bridge, Secondary to CPP (Overhead), Per Joseph Girdlestone's email on 4/2/2024, the Everstream fiber that was carried by CPP poles on the Cedar Ave. bridge has been removed. Everstream relocated their fiber to overhead on the Carnegie Ave. bridge.

Carnegie Ave. Bridge, Secondary to CEI & CPP (Overhead), Everstream has installed a 288ct fiber optic that crosses I.R. 90 along the north side of Carnegie Ave.

- Temporary Relocation: Everstream shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the Carnegie Ave. bridge. The Project Contractor shall coordinate the Carnegie Ave. temporary pole installation schedule with Everstream.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to Everstream beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, Everstream shall be given **twelve weeks** to relocate their facilities from the Carnegie Ave. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying Everstream a **minimum of 90 days** prior to the start of the **twelve-week** relocation period.
- Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with Everstream.
 - The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for Everstream prior to Everstream beginning work.
 - Everstream shall relocate their facilities from the temporary poles to their final location on Carnegie Ave., as shown on the plans, within twelve weeks of the installation of the steel brackets/cross frames/rollers.
 - The Project Contractor shall be responsible for notifying Everstream a **minimum of 90 days** prior to the start of the **twelve-week** relocation period.
 - The Project Contractor shall provide access to the bridge on either side of the structure.

Contact: Gio Reillo, 216-905-0780, greillo@everstream.net

LUMEN/CENTURYLINK

Lumen is to relocate facilities prior to construction. Others are to remain undisturbed. Lumen facilities will be encountered by Project Contractor for drainage installation, bridge, and other subsurface work. Project Contractor shall support Lumen facilities in place if/when excavation under Lumen facilities, not scheduled to be relocated, is performed. Project Contractor shall notify and coordinate with Lumen.

Cedar Ave. Bridge, Secondary to CPP (Overhead), Relocation plans are unknown for the Lumen facilities on the Cedar Ave. bridge. Lumen shall relocate its facilities prior to **September 30, 2025**.

E. 14th St. NB, STA 55+40 to 57+85 RT (Underground, Longhaul Broadwing) Existing duct shall be lowered prior to **September 30, 2025**. Project Contractor shall notify and coordinate with Lumen regarding depth of lowered duct.

Contact: Doug Holloway, 216-906-6284, doug.holloway@lumen.com

NORTHEAST OHIO REGIONAL SEWER DISTRICT

There are no NEORSD facilities within the project area. The project has 55 acres of EDA that drain to the City of Cleveland combined sewers which outlet to NEORSD facilities and are treated at their wastewater treatment plants. Project Contractor shall coordinate NEORSD if any issues are encountered.

Contact: Mary Maciejowski, 216-881-6600, maciejowskim@neorsd.org

VERIZON

Verizon is to relocate facilities prior to and during construction. Others are to remain undisturbed. Verizon facilities will be encountered by Project Contractor for drainage installation, bridge, and other subsurface work. Project Contractor shall support Verizon facilities in place if/when excavation under Verizon facilities, not scheduled to be relocated, is performed. Project Contractor shall notify and coordinate with Verizon.

E. 14th St. NB, STA 55+60 to 58+00 RT (Underground) Existing duct shall be lowered prior to **September 30, 2025**. The Project Contractor shall coordinate with Verizon to confirm that the E. 14th Street duct has been lowered to a depth that eliminates any conflict with the project.

Carnegie Ave. Bridge, Secondary to CEI & CPP (Overhead), Verizon has secondary facilities on CEI poles to be reset.

- Temporary Relocation: Verizon shall utilize the temporary poles provided by the project to cross over I.R. 90 as a temporary reroute for the Carnegie Ave. bridge. The Project Contractor shall coordinate the Carnegie Ave. temporary pole installation schedule with Verizon.
 - The Project Contractor shall be complete with installation of the temporary Cleveland Public Power poles prior to Verizon beginning work.
 - Upon completion of the installation of the temporary Cleveland Public Power poles, Verizon shall be given **six weeks** to relocate their facilities from the Carnegie Ave. bridge to the temporary poles.
 - Project Contractor shall be responsible for notifying Verizon a **minimum of 30 days** prior to the start of the **six-week** relocation period.
- Permanent Relocation: The Project Contractor shall coordinate the Carnegie Ave. bridge construction schedule with Verizon.
 - The Project Contractor shall be complete with installation of the steel brackets/cross frames/rollers for Verizon prior to Verizon beginning work.
 - Verizon shall relocate their facilities from the temporary poles to their final location on Carnegie Ave., as shown on the plans, within six weeks of the installation of the steel

brackets/cross frames/rollers.

- The Project Contractor shall be responsible for notifying Verizon a **minimum of 30 days** prior to the start of the **six-week** relocation period.
- The Project Contractor shall provide access to the bridge on either side of the structure.

Contact: David Gross, 216-347-7661, david.gross1@verizon.com

WESTERN RESERVE

Western Reserve is to relocate facilities prior to and during construction. Others are to remain undisturbed. Western Reserve facilities will be encountered by Project Contractor for drainage installation, bridge, and other subsurface work. Project Contractor shall support Western Reserve facilities in place if/when excavation under Western Reserve facilities, not scheduled to be relocated, is performed. Project Contractor shall notify and coordinate with Western Reserve.

E. 22nd St. Bridge, Secondary to AT&T (Underground), Western Reserve has secondary underground facilities within AT&T ducts on E. 22nd.

- Temporary Relocation: Western Reserve plans to relocate their facilities prior to the start of construction. Western Reserve shall relocate their facilities by **September 30, 2025**. Project Contractor shall notify and coordinate with Western Reserve.
- Permanent Relocation: Western Reserve plans to lease duct space on the E. 22nd St. bridge. Western Reserve will require **45-day** notice to permanently relocate their facilities. Western Reserve shall be given **six weeks** to relocate their facilities from their temporary reroute to the E. 22nd St. bridge. Project Contractor shall be responsible for notifying Western Reserve a minimum of **45 days** prior to the start of the **six-week** relocation period.

Contact: Ryan Wiegner, 330-865-3778, ryan@wrcfiber.com
Logan Reyes, logan@wrcfiber.com

WINDSTREAM

Windstream is to relocate facilities prior to and during construction. Others are to remain undisturbed. Windstream facilities will be encountered by Project Contractor for drainage installation, bridge, and other subsurface work. Project Contractor shall support Windstream facilities in place if/when excavation under Windstream facilities, not scheduled to be relocated, is performed. Project Contractor shall notify and coordinate with Windstream.

E. 14th St. NB, STA 55+00 to 57+80 RT (Underground, MCLEOD) Existing duct shall be lowered prior to **September 30, 2025**. Project Contractor shall notify and coordinate with Windstream regarding depth of lowered duct.

Cedar Ave. Bridge, Secondary to CPP (Overhead), Relocation plans are unknown for the Windstream facilities on the Cedar Ave. bridge. Windstream shall relocate its facilities prior to **September 30, 2025**.

Ramp IH4, STA 17+10 to 17+70 RT (Underground, MCLEOD) Existing duct is in conflict with proposed retaining wall T. Duct is empty in this location. The MCLEOD duct shall be relocated by Windstream prior to **September 30, 2025**.

Contact: Leon Taylor, 330-650-7663, leon.taylor@windstream.com

Project Number: 250425

To the Director of the Ohio Department of Transportation: The undersigned, having full knowledge of the site, plans and specifications for the following improvement and the conditions of this proposal, hereby agrees to furnish all services, labor, materials, and equipment necessary to complete the entire project, according to the plans, specifications and completion dates, and to accept the unit prices specified below for each item as full compensation for the work in this proposal.

Date Set for Completion: **8/31/2032**

Unit Price Contract

Project Number: 250425

Section 0001 ROADWAY

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00001		201E11000	CLEARING AND GRUBBING (WT: 01)	01	LS	1.000
00002		202E23000	PAVEMENT REMOVED (WT: NR)	NR	SY	133,744.000
00003		202E30000	WALK REMOVED (WT: NR)	NR	SF	101,667.000
00004		202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	NR	SY	509.000
00005		202E30700	CONCRETE BARRIER REMOVED (WT: NR)	NR	FT	6,105.000
00006		202E30800	TRAFFIC ISLAND REMOVED (WT: NR)	NR	SY	714.000
00007		202E32000	CURB REMOVED (WT: NR)	NR	FT	23,863.000
00008		202E35100	PIPE REMOVED, 24" DIAMETER AND UNDER (WT: NR)	NR	FT	7,065.000
00009		202E35200	PIPE REMOVED, OVER 24" DIAMETER (WT: NR)	NR	FT	609.000
00010		202E38000	GUARDRAIL REMOVED (WT: NR)	NR	FT	6,379.000
00011		202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	NR	EACH	1.000
00012		202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	NR	EACH	2.000
00013		202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	NR	EACH	7.000
00014		202E42050	ANCHOR ASSEMBLY REMOVED, TYPE B (WT: NR)	NR	EACH	2.000
00015		202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	NR	EACH	6.000
00016		202E47001	BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN (WT: NR)	NR	EACH	1.000
00017		202E47800	IMPACT ATTENUATOR REMOVED (WT: NR)	NR	EACH	2.000
00018		202E58000	MANHOLE REMOVED (WT: NR)	NR	EACH	15.000
00019		202E58100	CATCH BASIN REMOVED (WT: NR)	NR	EACH	63.000
00020		202E58200	INLET REMOVED (WT: NR)	NR	EACH	21.000
00021		202E58400	INLET ABANDONED (WT: NR)	NR	EACH	11.000
00022		202E58500	CATCH BASIN ABANDONED (WT: NR)	NR	EACH	21.000
00023		202E58700	MANHOLE ABANDONED (WT: NR)	NR	EACH	9.000
00024		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(12" AND UNDER) (WT: NR)	NR	FT	2,317.000
00025		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(15") (WT: NR)	NR	FT	1,186.000
00026		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(18") (WT: NR)	NR	FT	510.000
00027		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(21") (WT: NR)	NR	FT	51.000
00028		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(24") (WT: NR)	NR	FT	255.000
00029		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(27") (WT: NR)	NR	FT	334.000
00030		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(30") (WT: NR)	NR	FT	48.000
00031		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(36") (WT: NR)	NR	FT	361.000
00032		202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(66") (WT: NR)	NR	FT	475.000

Project Number: 250425

00033	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT(NO. 8 BR) (WT: NR)	NR	FT	349.000
00034	202E75000	FENCE REMOVED (WT: NR)	NR	FT	10,915.000
00035	202E75250	GATE REMOVED (WT: NR)	NR	EACH	13.000
00036	202E98100	REMOVAL MISC.:BILLBOARD (WT: NR)	NR	EACH	2.000
00037	202E98100	REMOVAL MISC.:BOLLARD (WT: NR)	NR	EACH	26.000
00038	202E98100	REMOVAL MISC.:PAY BOX (WT: NR)	NR	EACH	1.000
00039	202E98100	REMOVAL MISC.:UTILITY POLE (WT: NR)	NR	EACH	1.000
00040	202E98200	REMOVAL MISC.:BURIED TRACK (WT: NR)	NR	FT	1,000.000
00041	202E98200	REMOVAL MISC.:DELINEATOR CURB (WT: NR)	NR	FT	266.000
00042	202E98200	REMOVAL MISC.:PORTABLE BARRIER (WT: NR)	NR	FT	264.000
00043	203E10000	EXCAVATION (WT: 04)	04	CY	345,447.000
00044	203E10001	EXCAVATION, AS PER PLAN (WT: 04)	04	CY	34,789.000
00045	203E20000	EMBANKMENT (WT: 04)	04	CY	86,656.000
00046	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	06	CY	27,322.000
00047	203E98000	ROADWAY, MISC.:EPS GEOFOAM FILL (WT: 04)	04	CY	99,839.000
00048	203E98100	ROADWAY, MISC.:REINFORCED TURF (WT: 46)	46	SY	194.000
00049	204E10000	SUBGRADE COMPACTION (WT: 04)	04	SY	69,568.000
00050	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	04	CY	3,372.000
00051	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	06	CY	3,372.000
00052	204E45000	PROOF ROLLING (WT: NR)	NR	HOUR	76.000
00053	204E50000	GEOTEXTILE FABRIC (WT: 06)	06	SY	9,798.000
00054	206E10500	CEMENT (WT: NR)	NR	TON	1,847.000
00055	206E11000	CURING COAT (WT: 07)	07	SY	75,313.000
00056	206E15010	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	07	SY	75,601.000
00057	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	07	LS	1.000
00058	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	36	FT	8,772.200
00059	606E26050	ANCHOR ASSEMBLY, MGS TYPE B(MASH 2016) (WT: 36)	36	EACH	5.000
00060	606E26150	ANCHOR ASSEMBLY, MGS TYPE E(MASH 2016) (WT: 36)	36	EACH	10.000
00061	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	36	EACH	15.000
00062	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	36	EACH	13.000
00063	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	36	EACH	9.000
00064	606E35103	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2, AS PER PLAN (WT: 36)	36	EACH	1.000
00065	606E60022	IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL)(MASH 2016) (50 MPH, 69" WIDE) (WT: 36)	36	EACH	1.000

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00066	606E60022	IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL)(MASH 2016) (50 MPH, 90" WIDE) (WT: 36)	36	EACH	3.000
00067	607E23000	FENCE, TYPE CLT (WT: 37)	37	FT	4,477.000
00068	607E35000	FENCE REMOVED AND REBUILT (WT: 37)	37	FT	415.000
00069	607E61200	GATE, TYPE CLT (WT: 37)	37	EACH	2.000
00070	608E13001	6" CONCRETE WALK, AS PER PLAN (WT: 38)	38	SF	92,736.000
00071	608E21200	TEMPORARY ASPHALT CONCRETE WALK (WT: 10)	10	SF	2,994.000
00072	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	38	SF	9,102.000
00073	608E52001	CURB RAMP, AS PER PLAN2 (WT: 38)	38	SF	935.000
00074	622E10100	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 (WT: 38)	38	FT	2,160.000
00075	622E10120	CONCRETE BARRIER, SINGLE SLOPE, TYPE C (WT: 38)	38	FT	307.000
00076	622E10121	CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN (WT: 38)	38	FT	108.000
00077	622E10140	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1 (WT: 38)	38	FT	3,366.000
00078	622E10141	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN (WT: 38)	38	FT	31.000
00079	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	38	FT	3,082.000
00080	622E10200	BARRIER TRANSITION (WT: 38)	38	EACH	2.000
00081	622E24841	CONCRETE BARRIER END SECTION, TYPE B, AS PER PLAN (WT: 38)	38	EACH	1.000
00082	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	38	EACH	2.000
00083	622E25004	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B (WT: 38)	38	EACH	1.000
00084	622E25006	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1 (WT: 38)	38	EACH	17.000
00085	622E25008	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C (WT: 38)	38	EACH	3.000
00086	622E25009	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C, AS PER PLAN (WT: 38)	38	EACH	1.000
00087	622E25014	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1 (WT: 38)	38	EACH	27.000
00088	622E25050	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D (WT: 38)	38	EACH	30.000
00089	622E25051	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN (WT: 38)	38	EACH	2.000
00090	622E25051	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN2 (WT: 38)	38	EACH	1.000
00091	623E12010	PRIMARY PROJECT CONTROL MONUMENT, TYPE B (WT: NR)	NR	EACH	45.000
00092	623E40900	MONUMENT, MISC.:CLEVELAND MONUMENT ASSEMBLY (WT: NR)	NR	EACH	60.000
00093	690E98000	SPECIAL - UTILITY TEST HOLE (WT: NR)	NR	EACH	40.000
00094	690E98400	SPECIAL - PERMITS (WT: NR)	NR	LS	1.000
00095	690E98700	SPECIAL - LOW DENSITY CELLULAR CONCRETE FILL, CLASS II (WT: 38)	38	CY	321.000

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Section 0002 EROSION CONTROL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00096		601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	35	SY	14.000
00097		601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	35	SY	234.000
00098		601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	35	CY	642.000
00099		601E32301	ROCK CHANNEL PROTECTION, TYPE D WITH FILTER, AS PER PLAN (WT: 35)	35	CY	2,283.000
00100		601E37501	PAVED GUTTER, TYPE 1-2, AS PER PLAN (WT: 38)	38	FT	104.000
00101		659E00100	SOIL ANALYSIS TEST (WT: NR)	NR	EACH	10.000
00102		659E00301	TOPSOIL, AS PER PLAN (WT: 46)	46	CY	15,613.000
00103		659E00501	SEEDING AND MULCHING, CLASS 1, AS PER PLAN (WT: 46)	46	SY	37,446.000
00104		659E00511	SEEDING AND MULCHING, CLASS 2, AS PER PLAN (WT: 46)	46	SY	62,566.000
00105		659E00581	SEEDING AND MULCHING, CLASS 5B, AS PER PLAN (WT: 46)	46	SY	38,510.000
00106		659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	46	SY	7,033.000
00107		659E15000	INTER-SEEDING (WT: 46)	46	SY	7,033.000
00108		659E20000	COMMERCIAL FERTILIZER (WT: 46)	46	TON	19.620
00109		659E31000	LIME (WT: 46)	46	ACRE	29.060
00110		659E35000	WATER (WT: 46)	46	MGAL	779.000
00111		659E40000	MOWING (WT: 46)	46	MSF	316.000
00112		670E00500	SLOPE EROSION PROTECTION (WT: 46)	46	SY	19,901.000
00113		670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	46	SY	1,262.000
00114		690E65000	SPECIAL - WORK INVOLVING NON-REGULATED MATERIALS (WT: NR)	NR	TON	755.000
00115		690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	NR	TON	7,550.000
00116		690E65022	SPECIAL - WORK INVOLVING NON-REGULATED WATER (WT: NR)	NR	GAL	105,000.000
00117		690E65024	SPECIAL - WORK INVOLVING REGULATED WATER (WT: NR)	NR	GAL	42,000.000
00118		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (CARNEGIE AVENUE, CUY-90-1692, SFN 1807897) (WT: NR)	NR	LS	1.000
00119		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E. 22ND STREET, CUY-90-1676, SFN 1807838) (WT: NR)	NR	LS	1.000
00120		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E10, CUY-E14TH-0002SN, SFN 1806912) (WT: NR)	NR	LS	1.000
00121		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E5, CUY-90-1640, SFN 1807773) (WT: NR)	NR	LS	1.000
00122		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E6, CUY-77-1593, SFN 1806939) (WT: NR)	NR	LS	1.000

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00123		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E7, CUY-77-1597L, SFN 1807919) (WT: NR)	NR	LS	1.000
00124		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E8, CUY-90-1651L, SFN 1807900) (WT: NR)	NR	LS	1.000
00125		690E98400	SPECIAL - WORK INVOLVING ASBESTOS CONTAINING MATERIALS (E9, CUY-90-1651R, SFN 1807803) (WT: NR)	NR	LS	1.000
00126		832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	NR	LS	1.000
00127		832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	NR	LS	1.000
00128		832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	NR	LS	1.000
00129		832E30000	EROSION CONTROL (WT: 08)	08	EACH	2,400,000.000
00130		836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	46	SY	31.000

Section 0003 DRAINAGE

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00131		602E20000	CONCRETE MASONRY (WT: 35)	35	CY	8.500
00132		605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	35	FT	25,609.000
00133		605E11111	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	35	FT	3,700.000
00134		605E12211	6" DEEP PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	35	FT	5,200.000
00135		605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	35	FT	2,236.000
00136		605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	35	FT	40,888.000
00137		611E01500	6" CONDUIT, TYPE F (WT: 35)	35	FT	3,620.000
00138		611E04400	12" CONDUIT, TYPE B (WT: 35)	35	FT	3,579.000
00139		611E04400	12" CONDUIT, TYPE B706.08 & 706.12 (WT: 35)	35	FT	5,431.000
00140		611E04400	12" CONDUIT, TYPE B748.01 (WT: 35)	35	FT	270.000
00141		611E04600	12" CONDUIT, TYPE C (WT: 35)	35	FT	5.000
00142		611E04600	12" CONDUIT, TYPE C706.08 & 706.12 (WT: 35)	35	FT	150.000
00143		611E04900	12" CONDUIT, TYPE D (WT: 35)	35	FT	46.000
00144		611E05900	15" CONDUIT, TYPE B (WT: 35)	35	FT	2,913.000
00145		611E05900	15" CONDUIT, TYPE B706.02, CLASS V (WT: 35)	35	FT	193.000
00146		611E05900	15" CONDUIT, TYPE B706.08 & 706.12 (WT: 35)	35	FT	1,182.000
00147		611E05901	15" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	35	FT	774.000
00148		611E06100	15" CONDUIT, TYPE C (WT: 35)	35	FT	2,566.000
00149		611E06100	15" CONDUIT, TYPE C706.08 & 706.12 (WT: 35)	35	FT	145.000

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00150	611E06101	15" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	35	FT	51.000
00151	611E06700	15" CONDUIT, TYPE F707.05 TYPE C, 707.21, OR 707.33 (WT: 35)	35	FT	134.000
00152	611E07400	18" CONDUIT, TYPE B (WT: 35)	35	FT	742.000
00153	611E07400	18" CONDUIT, TYPE B707.35 (WT: 35)	35	FT	19.000
00154	611E07600	18" CONDUIT, TYPE C (WT: 35)	35	FT	228.000
00155	611E08200	18" CONDUIT, TYPE F707.05 TYPE C, 707.21, OR 707.33 (WT: 35)	35	FT	138.000
00156	611E08900	21" CONDUIT, TYPE B (WT: 35)	35	FT	489.000
00157	611E10400	24" CONDUIT, TYPE B (WT: 35)	35	FT	511.000
00158	611E10400	24" CONDUIT, TYPE B706.02, CLASS V (WT: 35)	35	FT	225.000
00159	611E10400	24" CONDUIT, TYPE B706.08 & 706.12 (WT: 35)	35	FT	5.000
00160	611E10600	24" CONDUIT, TYPE C (WT: 35)	35	FT	257.000
00161	611E11900	27" CONDUIT, TYPE B (WT: 35)	35	FT	65.000
00162	611E13400	30" CONDUIT, TYPE B (WT: 35)	35	FT	147.000
00163	611E13600	30" CONDUIT, TYPE C (WT: 35)	35	FT	197.000
00164	611E25200	66" CONDUIT, TYPE B706.02 & 706.11 (WT: 35)	35	FT	716.000
00165	611E25400	66" CONDUIT, TYPE C706.02 & 706.11 (WT: 35)	35	FT	246.000
00166	611E52902	34" X 53" CONDUIT, TYPE B, 706.04 (WT: 35)	35	FT	472.000
00167	611E96600	CONDUIT, BORED OR JACKED 15" TYPE B (WT: 51)	51	FT	90.000
00168	611E98150	CATCH BASIN, NO. 3 (WT: 35)	35	EACH	7.000
00169	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	35	EACH	33.000
00170	611E98180	CATCH BASIN, NO. 3A (WT: 35)	35	EACH	10.000
00171	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	35	EACH	41.000
00172	611E98370	CATCH BASIN, NO. 6 (WT: 35)	35	EACH	6.000
00173	611E98371	CATCH BASIN, NO. 6, AS PER PLAN (WT: 35)	35	EACH	3.000
00174	611E98371	CATCH BASIN, NO. 6, AS PER PLAN2 (WT: 35)	35	EACH	3.000
00175	611E98371	CATCH BASIN, NO. 6, AS PER PLAN3 (WT: 35)	35	EACH	1.000
00176	611E98410	CATCH BASIN, NO. 8 (WT: 35)	35	EACH	8.000
00177	611E98411	CATCH BASIN, NO. 8, AS PER PLAN2 (WT: 35)	35	EACH	3.000
00178	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	35	EACH	1.000
00179	611E98451	CATCH BASIN, NO. 2-2A, AS PER PLAN2 (WT: 35)	35	EACH	1.000
00180	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	35	EACH	21.000
00181	611E98471	CATCH BASIN, NO. 2-2B, AS PER PLAN (WT: 35)	35	EACH	9.000
00182	611E98471	CATCH BASIN, NO. 2-2B, AS PER PLAN2 (WT: 35)	35	EACH	5.000
00183	611E98504	CATCH BASIN, NO. 2-2C (WT: 35)	35	EACH	6.000
00184	611E98511	CATCH BASIN, NO. 2-3, AS PER PLAN2 (WT: 35)	35	EACH	2.000

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00185		611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	35	EACH	2.000
00186		611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	35	EACH	1.000
00187		611E99100	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1 (WT: 35)	35	EACH	8.000
00188		611E99104	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C (WT: 35)	35	EACH	1.000
00189		611E99110	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1 (WT: 35)	35	EACH	4.000
00190		611E99111	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1, AS PER PLAN (WT: 35)	35	EACH	5.000
00191		611E99114	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D (WT: 35)	35	EACH	9.000
00192		611E99115	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D, AS PER PLAN (WT: 35)	35	EACH	3.000
00193		611E99115	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D, AS PER PLAN2 (WT: 35)	35	EACH	1.000
00194		611E99574	MANHOLE, NO. 3 (WT: 35)	35	EACH	37.000
00195		611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	35	EACH	31.000
00196		611E99575	MANHOLE, NO. 3, AS PER PLAN2 (WT: 35)	35	EACH	9.000
00197		611E99575	MANHOLE, NO. 3, AS PER PLAN3 (WT: 35)	35	EACH	5.000
00198		611E99586	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR (WT: 35)	35	EACH	1.000
00199		611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	35	EACH	92.000
00200		611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLANWATER MANHOLE (WT: 35)	35	EACH	2.000
00201		611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	35	EACH	3.000
00202		611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	35	EACH	2.000
00203		611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN2 (WT: 35)	35	EACH	3.000
00204		611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	35	EACH	23.000
00205		611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	35	EACH	7.000
00206		611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	35	LB	10,000.000
00207		611E99900	DRAINAGE STRUCTURE, MISC.:FLOW RESTRICTOR OUTLET (WT: 35)	35	EACH	3.000
00208		839E29000	TRENCH DRAIN, TYPE A WITH STANDARD GRATE (WT: 35)	35	FT	989.000
00209		895E10040	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4 (WT: 35)	35	EACH	1.000
00210		899E10001	CURED-IN-PLACE PIPE LINER, AS PER PLANNO. 10 EGG-SHAPED (WT: 35)	35	FT	413.000
00211		899E10001	CURED-IN-PLACE PIPE LINER, AS PER PLANNO. 11 EGG-SHAPED (WT: 35)	35	FT	270.000
00212		899E10001	CURED-IN-PLACE PIPE LINER, AS PER PLANNO. 12 EGG-SHAPED (WT: 35)	35	FT	595.000
00213		899E10001	CURED-IN-PLACE PIPE LINER, AS PER PLANNO. 6 EGG-SHAPED (WT: 35)	35	FT	459.000
00214		899E10001	CURED-IN-PLACE PIPE LINER, AS PER PLANNO. 7 EGG-SHAPED (WT: 35)	35	FT	656.000

Section 0004 PAVEMENT

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00215		251E01030	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	16	CY	480.000
00216		251E01031	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (WT: 16)	16	CY	400.000

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00217	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	15	FT	1,000.000
00218	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(1.5") (WT: 13)	13	SY	64,786.000
00219	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(3") (WT: 13)	13	SY	38,540.000
00220	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(3.25") (WT: 13)	13	SY	71,090.000
00221	255E11001	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLANA (WT: 17)	17	SY	2,800.000
00222	255E11001	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLANB (WT: 17)	17	SY	2,800.000
00223	255E11001	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN C (WT: 17)	17	SY	3,850.000
00224	301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (WT: 10)	10	CY	54.000
00225	302E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (WT: 10)	10	CY	26,792.000
00226	304E20000	AGGREGATE BASE (WT: 09)	09	CY	24,105.000
00227	305E13011	9" CONCRETE BASE, CLASS QC 1P, AS PER PLAN (WT: 12)	12	SY	36,530.000
00228	407E20000	NON-TRACKING TACK COAT (WT: 10)	10	GAL	45,651.000
00229	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	10	CY	13.000
00230	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN PG70-22M (WT: 10)	10	CY	2,602.000
00231	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	10	CY	3,643.000
00232	441E70201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), AS PER PLAN PG64-22 (WT: 10)	10	CY	76.000
00233	441E70500	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS) (WT: 10)	10	CY	40.000
00234	441E70700	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS) (WT: 10)	10	CY	55.000
00235	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	10	CY	7,043.000
00236	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN PG76-22M (WT: 10)	10	CY	6,301.000
00237	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	10	CY	7,476.000
00238	442E22101	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (449), AS PER PLAN PG70-22M (WT: 10)	10	CY	64.000
00239	451E16011	12" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	12	SY	685.000
00240	451E20000	REINFORCED CONCRETE PAVEMENT, MISC.:INTEGRALLY COLORED CONCRETE CROSSWALK (WT: 12)	12	SY	676.000
00241	451E31000	SPECIAL - PRESSURE RELIEF JOINT, TYPE B (WT: NR)	NR	FT	61.000
00242	452E09010	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	12	SY	337.000

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00243		452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	12	SY	1,231.000
00244		452E14010	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	12	SY	15,514.000
00245		452E14011	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	12	SY	775.000
00246		452E19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.:SURCHARGE FOR CLASS MS CONCRETE (WT: 12)	12	SY	1,000.000
00247		609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	38	FT	51.000
00248		609E14000	CURB, TYPE 2-A (WT: 38)	38	FT	2,587.000
00249		609E24000	CURB, TYPE 4-A (WT: 38)	38	FT	67.000
00250		609E24510	CURB, TYPE 4-C (WT: 38)	38	FT	1,766.000
00251		609E26000	CURB, TYPE 6 (WT: 38)	38	FT	14,762.000
00252		609E33200	CURB, TYPE 10-B (WT: 38)	38	FT	46.000
00253		609E72000	CONCRETE MEDIAN (WT: 38)	38	SY	366.000
00254		618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	NR	MILE	1.280

Section 0005 WATER WORK

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00255		202E98200	REMOVAL MISC.:WATER MAIN REMOVED 24" AND UNDER (WT: NR)	NR	FT	3,666.000
00256		202E98200	REMOVAL MISC.:WATER MAIN REMOVED OVER 24" (WT: NR)	NR	FT	476.000
00257		638E06713	30" STEEL PIPE ENCASMENT, OPEN CUT, AS PER PLAN (WT: 35)	35	FT	71.000
00258		638E10701	FIRE HYDRANT REMOVED AND DISPOSED OF, AS PER PLAN (WT: 35)	35	EACH	15.000
00259		638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	35	EACH	49.000
00260		638E11201	METER, SETTING, STOP AND CHAMBER, AS PER PLAN(CLEVELAND WATER) (WT: 35)	35	EACH	1.000
00261		638E20172	SPECIAL - 12" WATER MAIN DIP CLASS 52 BOLTLESS RESTRAINED JOINTS AND FITTINGS(CLEVELAND WATER) (WT: 35)	35	FT	909.000
00262		638E20174	SPECIAL - 12" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS(CLEVELAND WATER) (WT: 35)	35	FT	427.000
00263		638E20292	SPECIAL - 24" WATER MAIN DIP CLASS 52 BOLTLESS RESTRAINED JOINTS AND FITTINGS(CLEVELAND WATER) (WT: 35)	35	FT	289.000
00264		638E20294	SPECIAL - 24" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS(CLEVELAND WATER) (WT: 35)	35	FT	252.000
00265		638E20336	SPECIAL - 30" WATER MAIN DIP CLASS 52 BOLTLESS RESTRAINED JOINTS AND FITTINGS(CLEVELAND WATER) (WT: 35)	35	FT	291.000
00266		638E20338	SPECIAL - 30" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS(CLEVELAND WATER) (WT: 35)	35	FT	1,225.000

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00267	638E20480	SPECIAL - 48" STEEL PIPE ENCASMENT, BORED OR JACKED(CLEVELAND WATER) (WT: 51)	51	FT	40.000
00268	638E20580	SPECIAL - 10" CUTTING IN SLEEVE(CLEVELAND WATER) (WT: 35)	35	EACH	2.000
00269	638E20586	SPECIAL - 12" GATE VALVE WITH VALVE BOX(CLEVELAND WATER) (WT: 35)	35	EACH	5.000
00270	638E20596	SPECIAL - 12" CUTTING IN SLEEVE(CLEVELAND WATER) (WT: 35)	35	EACH	4.000
00271	638E20598	SPECIAL - 12" CUTTING IN SLEEVE, VALVE WITH VALVE BOX(CLEVELAND WATER) (WT: 35)	35	EACH	3.000
00272	638E20746	SPECIAL - 2" AIR RELEASE VALVE WITH VALVE BOX(CLEVELAND WATER) (WT: 35)	35	EACH	3.000
00273	638E20750	SPECIAL - 6" FIRE HYDRANTCOMPLETE (CLEVELAND WATER) (WT: 35)	35	EACH	14.000
00274	638E20762	SPECIAL - FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE(CLEVELAND WATER) (WT: 35)	35	EACH	1.000
00275	638E20770	SPECIAL - 1" COPPER WATER SERVICE LINE(CLEVELAND WATER) (WT: 35)	35	FT	177.000
00276	638E20794	SPECIAL - REMOVE WATER SERVICE CONNECTION(CLEVELAND WATER) (WT: 35)	35	FT	587.000
00277	638E20842	SPECIAL - EXTEND 1 1/2" COPPER WATER SERVICE CONNECTION(CLEVELAND WATER) (WT: 35)	35	FT	10.000
00278	638E20844	SPECIAL - INSTALL 1 1/2" COPPER WATER SERVICE CONNECTION(CLEVELAND WATER) (WT: 35)	35	FT	31.000
00279	638E20894	SPECIAL - 1" CORPORATION STOP(CLEVELAND WATER) (WT: 35)	35	EACH	4.000
00280	638E20896	SPECIAL - 1 1/2" CORPORATION STOP(CLEVELAND WATER) (WT: 35)	35	EACH	2.000
00281	638E21002	SPECIAL - INSTALL 1" METER SETTING, COMPLETE(CLEVELAND WATER) (WT: 35)	35	EACH	1.000
00282	638E98000	WATER WORK, MISC.:12" EXPANSION VALVE (BRIDGE) (WT: 35)	35	EACH	3.000
00283	638E98000	WATER WORK, MISC.:24" EXPANSION VALVE (BRIDGE) (WT: 35)	35	EACH	2.000
00284	638E98000	WATER WORK, MISC.:24" VALVE ASSEMBLY COMPLETE (CLEVELAND WATER) (WT: 35)	35	EACH	3.000
00285	638E98000	WATER WORK, MISC.:30" CUTTING IN SLEEVE (CLEVELAND WATER) (WT: 35)	35	EACH	1.000
00286	638E98000	WATER WORK, MISC.:30" VALVE ASSEMBLY COMPLETE (CLEVELAND WATER) (WT: 35)	35	EACH	2.000
00287	638E98000	WATER WORK, MISC.:CLEVELAND WATER DEPARTMENT CHARGES (WT: 35)	35	EACH	300,000.000
00288	638E98000	WATER WORK, MISC.:ONCRETE PIER (WT: 35)	35	EACH	3.000
00289	638E98000	WATER WORK, MISC.:SLEEVE FOR ABUTMENT WALL - 12" DIP LINE (CLEVELAND WATER) (WT: 35)	35	EACH	2.000
00290	638E98000	WATER WORK, MISC.:SLEEVE FOR ABUTMENT WALL - 24" STEEL LINE (CLEVELAND WATER) (WT: 35)	35	EACH	2.000
00291	638E98000	WATER WORK, MISC.:STEEL TO DIP TRANSITION (CLEVELAND WATER) (WT: 35)	35	EACH	2.000

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00292		638E98600	WATER WORK, MISC.:12" INSULATION FOR BRIDGE (CLEVELAND WATER) (WT: 35)	35	FT	507.000
00293		638E98600	WATER WORK, MISC.:24" INSULATION FOR BRIDGE (CLEVELAND WATER) (WT: 35)	35	FT	354.000
00294		638E98600	WATER WORK, MISC.:24" POLYURETHANE COATED CEMENT LINED STEEL (WT: 35)	35	FT	354.000

Section 0006 LIGHTING

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00295		202E75704	REMOVAL OF EXISTING CONTROL CENTER AND FOUNDATION (WT: NR)	NR	EACH	2.000
00296		202E75800	DISCONNECT EXISTING CIRCUIT (WT: NR)	NR	EACH	2.000
00297		625E00450	CONNECTION, FUSED PULL APART (WT: 43)	43	EACH	166.000
00298		625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	43	EACH	77.000
00299		625E00470	CONNECTION, UNFUSED BOLTED (WT: 43)	43	EACH	15.000
00300		625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	43	EACH	207.000
00301		625E10494	LIGHT POLE, LOW MASTALM50 (WT: 43)	43	EACH	4.000
00302		625E10494	LIGHT POLE, LOW MASTATLM50 (WT: 43)	43	EACH	2.000
00303		625E10500	LIGHT POLE, MISC.:15' ROUND TAPERED FIBERGLASS STREETLIGHT (WT: 43)	43	EACH	44.000
00304		625E10500	LIGHT POLE, MISC.:30' ROUND TAPERED FIBERGLASS STREETLIGHT (WT: 43)	43	EACH	33.000
00305		625E10614	LIGHT POLE ANCHOR BOLTS ON STRUCTURE (WT: 43)	43	EACH	32.000
00306		625E11000	LIGHT TOWER, BB80 (WT: 43)	43	EACH	1.000
00307		625E11200	LIGHT TOWER, BB100 (WT: 43)	43	EACH	2.000
00308		625E11300	LIGHT TOWER, BB110 (WT: 43)	43	EACH	1.000
00309		625E12000	LIGHT TOWER, BBB80 (WT: 43)	43	EACH	2.000
00310		625E12200	LIGHT TOWER, BBB100 (WT: 43)	43	EACH	8.000
00311		625E12400	LIGHT TOWER, BBB120 (WT: 43)	43	EACH	1.000
00312		625E12410	LIGHT TOWER, BBB130 (WT: 43)	43	EACH	2.000
00313		625E13100	LIGHT TOWER, BBBB90 (WT: 43)	43	EACH	1.000
00314		625E13200	LIGHT TOWER, BBBB100 (WT: 43)	43	EACH	2.000
00315		625E13500	LIGHT TOWER, MISC.:TOWER LIGHTING RING WITH 4 LUMINAIRE MOUNTS (WT: 43)	43	EACH	1.000
00316		625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	43	EACH	58.000
00317		625E14200	LIGHT POLE FOUNDATION, 24" X 10' DEEP (WT: 43)	43	EACH	2.000
00318		625E14307	MEDIAN LIGHT POLE FOUNDATION, 10' DEEP, AS PER PLAN (WT: 43)	43	EACH	4.000
00319		625E15000	LIGHT TOWER FOUNDATION, 36" X 15' DEEP (WT: 43)	43	EACH	2.000
00320		625E15100	LIGHT TOWER FOUNDATION, 36" X 20' DEEP (WT: 43)	43	EACH	10.000

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00321	625E15200	LIGHT TOWER FOUNDATION, 36" X 25' DEEP (WT: 43)	43	EACH	4.000
00322	625E15400	LIGHT TOWER FOUNDATION, 42" X 25' DEEP (WT: 43)	43	EACH	1.000
00323	625E15700	LIGHT TOWER FOUNDATION, MISC.:42" X 20' DEEP (WT: 43)	43	EACH	1.000
00324	625E15700	LIGHT TOWER FOUNDATION, MISC.:48" X 25' DEEP (WT: 43)	43	EACH	2.000
00325	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	43	FT	46,931.000
00326	625E23304	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	43	FT	49,071.000
00327	625E23308	DISTRIBUTION CABLE, MISC.:NO. 4 / 0 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	43	FT	159.000
00328	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	43	FT	900.000
00329	625E23410	NO. 12 AWG POLE AND BRACKET CABLE (WT: 43)	43	FT	4,950.000
00330	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	43	FT	7,444.000
00331	625E25012	CONDUIT, 3/4", 725.051 (WT: 43)	43	FT	1,796.000
00332	625E25300	CONDUIT, 1-1/2", 725.04 (WT: 43)	43	FT	2,427.000
00333	625E25404	CONDUIT, 2-1/2", 725.04 (WT: 43)	43	FT	116.000
00334	625E25408	CONDUIT, 2", 725.051 (WT: 43)	43	FT	8,541.000
00335	625E25504	CONDUIT, 3", 725.051 (WT: 43)	43	FT	712.000
00336	625E25802	CONDUIT, CONCRETE ENCASED2", 725.051 (WT: 43)	43	FT	43.000
00337	625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN(2-2" CONDUIT, 725.051) (WT: 43)	43	FT	132.000
00338	625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN(4-2" CONDUIT, 725.051) (WT: 43)	43	FT	1,974.000
00339	625E25902	CONDUIT, JACKED OR DRILLED, 725.043" (WT: 43)	43	FT	3,876.000
00340	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN(CPP LED COBRA HEAD) (WT: 43)	43	EACH	63.000
00341	625E26263	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN(480V) (WT: 43)	43	EACH	63.000
00342	625E26273	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN(480V) (WT: 43)	43	EACH	6.000
00343	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN(480V) (WT: 43)	43	EACH	23.000
00344	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN(480V, CROSS FRAME MOUNTED) (WT: 43)	43	EACH	1.000
00345	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN(CPP LED WALLPACK) (WT: 43)	43	EACH	17.000
00346	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN(15' POLES) (WT: 43)	43	EACH	51.000
00347	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN(30' POLES) (WT: 43)	43	EACH	33.000
00348	625E29000	TRENCH (WT: 43)	43	FT	10,681.000
00349	625E29900	JUNCTION BOX (WT: 43)	43	EACH	8.000
00350	625E29930	MEDIAN JUNCTION BOX (WT: 43)	43	EACH	4.000

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00351		625E30700	PULL BOX, 725.08, 18" (WT: 43)	43	EACH	26.000
00352		625E30706	PULL BOX, 725.08, 24" (WT: 43)	43	EACH	12.000
00353		625E30731	PULL BOX, 725.08, 48", TYPE 1, AS PER PLAN (WT: 43)	43	EACH	4.000
00354		625E31510	PULL BOX REMOVED (WT: 43)	43	EACH	10.000
00355		625E31511	PULL BOX REMOVED, AS PER PLAN (WT: 43)	43	EACH	17.000
00356		625E31600	PULL BOX, MISC.:13" X 24" PULL BOX (WT: 43)	43	EACH	87.000
00357		625E31600	PULL BOX, MISC.:18" PULL BOX ADJUSTED TO GRADE (WT: 43)	43	EACH	1.000
00358		625E31600	PULL BOX, MISC.:6" X 6" PULL BOX (WT: 43)	43	EACH	13.000
00359		625E32000	GROUND ROD (WT: 43)	43	EACH	159.000
00360		625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	43	EACH	6.000
00361		625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	43	EACH	5.000
00362		625E34450	CONTROL CENTER CABINET, COMPLETE (WT: 43)	43	EACH	2.000
00363		625E34451	CONTROL CENTER CABINET, COMPLETE, AS PER PLAN (WT: 43)	43	EACH	1.000
00364		625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	NR	FT	10,681.000
00365		625E37101	SERVICE TO UNDERPASS LIGHTING, AS PER PLAN (WT: 43)	43	EACH	18.000
00366		625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	43	LS	1.000
00367		625E40010	SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT (WT: 43)	43	EACH	20.000
00368		625E75350	LIGHT TOWER REMOVED (WT: NR)	NR	EACH	21.000
00369		625E75400	LIGHT POLE REMOVED (WT: NR)	NR	EACH	96.000
00370		625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	NR	EACH	20.000
00371		625E75506	LUMINAIRE REMOVED (WT: NR)	NR	EACH	10.000
00372		625E75510	POWER SERVICE REMOVED (WT: NR)	NR	EACH	2.000
00373		625E75540	LIGHT TOWER FOUNDATION REMOVED (WT: NR)	NR	EACH	21.000
00374		625E75801	DISCONNECT CIRCUIT, AS PER PLAN (WT: NR)	NR	EACH	10.000
00375		625E98000	LIGHTING, MISC.:RELOCATE EX. CONTROL CENTER (WT: 43)	43	EACH	1.000
00376		625E98000	LIGHTING, MISC.:TEST NEW CIRCUIT (WT: 43)	43	EACH	26.000
00377		632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	1,503.000
00378		632E89300	WOOD POLE (WT: 44)	44	EACH	53.000

Section 0007 ELECTRICAL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00379		625E23308	DISTRIBUTION CABLE, MISC.:500KCMIL 15KV CU WITH CONCENTRIC NEUTRAL (WT: 43)	43	FT	13,704.000
00380		625E23308	DISTRIBUTION CABLE, MISC.:556KCMIL 15KV SPACER CABLE WITH 0052 AWA MESSENGER (WT: 43)	43	FT	5,311.000

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00381		625E25721	CONDUIT, AS PER PLAN 5", 725.04 (WT: 43)	43	FT	6,528.000
00382		625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN (2-5" CONDUIT, 725.051) (WT: 43)	43	FT	272.000
00383		625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN (5-5" CONDUIT, 725.051) (WT: 43)	43	FT	368.000
00384		625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN (7-5" CONDUIT, 725.051) (WT: 43)	43	FT	391.000
00385		625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN (9-5" CONDUIT, 725.051) (WT: 43)	43	FT	652.000
00386		625E25911	CONDUIT CLEANED AND CABLES REMOVED, AS PER PLAN (WT: 43)	43	FT	8,325.000
00387		625E32001	GROUND ROD, AS PER PLAN (WT: 43)	43	EACH	30.000
00388		625E98000	LIGHTING, MISC.: 15KV IN-LINE SPLICE (WT: 43)	43	EACH	196.000
00389		625E98000	LIGHTING, MISC.: 24" SPACER CABLE TANGENT BRACKET (WT: 43)	43	EACH	12.000
00390		625E98000	LIGHTING, MISC.: DEAD-END ASSEMBLY (WT: 43)	43	EACH	1.000
00391		625E98000	LIGHTING, MISC.: DOUBLE DEAD-END ASSEMBLY (WT: 43)	43	EACH	1.000
00392		625E98000	LIGHTING, MISC.: JOINT-USE CONDUIT RISER (WT: 43)	43	EACH	4.000
00393		625E98000	LIGHTING, MISC.: JOINT-USE MESSENGER ASSEMBLY (WT: 43)	43	EACH	18.000
00394		625E98000	LIGHTING, MISC.: PRIMARY CONDUIT RISER (WT: 43)	43	EACH	24.000
00395		625E98000	LIGHTING, MISC.: SPACER CABLE DEADEND ASSEMBLY (WT: 43)	43	EACH	24.000
00396		625E98000	LIGHTING, MISC.: SPACER CABLE TO SPACER CABLE DOUBLE DEADEND ASSEMBLY (WT: 43)	43	EACH	26.000
00397		625E98000	LIGHTING, MISC.: TWO-WAY BUCK (WT: 43)	43	EACH	1.000
00398		632E69350	POWER CABLE, MISC.: NO. 2 / 0 AWG CU 15KV OPEN WIRE (WT: 44)	44	FT	1,538.000
00399		632E89300	WOOD POLE (40' CLASS III) (WT: 44)	44	EACH	1.000
00400		632E89300	WOOD POLE (45' CLASS III) (WT: 44)	44	EACH	1.000
00401		632E89300	WOOD POLE (50' CLASS III) (WT: 44)	44	EACH	17.000
00402		632E89300	WOOD POLE (55' CLASS II) (WT: 44)	44	EACH	4.000
00403		632E89300	WOOD POLE (55' CLASS III) (WT: 44)	44	EACH	3.000
00404		632E89300	WOOD POLE (70' CLASS H3) (WT: 44)	44	EACH	2.000
00405		632E89300	WOOD POLE (80' CLASS H6) (WT: 44)	44	EACH	2.000
00406		632E89401	DOWN GUY, AS PER PLAN (WT: 44)	44	EACH	67.000

Section 0008 TRAFFIC CONTROL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00407		620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	NR	EACH	44.000
00408		621E00100	RPM (WT: 41)	41	EACH	946.000

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00409	625E32000	GROUND ROD (WT: 43)	43	EACH	32.000
00410	626E00102	BARRIER REFLECTOR, TYPE 1(BI-DIRECTIONAL) (WT: NR)	NR	EACH	38.000
00411	626E00102	BARRIER REFLECTOR, TYPE 1(ONE-WAY) (WT: NR)	NR	EACH	166.000
00412	626E00110	BARRIER REFLECTOR, TYPE 2(BI-DIRECTIONAL) (WT: NR)	NR	EACH	14.000
00413	626E00110	BARRIER REFLECTOR, TYPE 2(ONE-WAY) (WT: NR)	NR	EACH	103.000
00414	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	42	FT	2,037.300
00415	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	42	FT	2,479.600
00416	630E04101	GROUND MOUNTED SUPPORT, NO. 4 POST, AS PER PLAN (WT: 42)	42	FT	491.000
00417	630E06400	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 (WT: 42)	42	FT	386.400
00418	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	42	FT	34.000
00419	630E07000	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18 (WT: 42)	42	FT	40.000
00420	630E07500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 (WT: 42)	42	FT	103.400
00421	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	42	FT	176.200
00422	630E08002	ONE WAY SUPPORT, NO. 2 POST (WT: 42)	42	FT	1.000
00423	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	42	FT	12.500
00424	630E08100	ONE WAY SUPPORT, NO. 4 POST (WT: 42)	42	FT	36.100
00425	630E08600	SIGN POST REFLECTOR (WT: 42)	42	EACH	148.000
00426	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	42	EACH	2.000
00427	630E72340	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12 (WT: 42)	42	EACH	4.000
00428	630E72410	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1 (WT: 42)	42	EACH	6.000
00429	630E72420	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2 (WT: 42)	42	EACH	6.000
00430	630E72430	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 3 (WT: 42)	42	EACH	1.000
00431	630E72550	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13 (WT: 42)	42	EACH	1.000
00432	630E75000	SIGN ATTACHMENT ASSEMBLY (WT: 42)	42	EACH	87.000
00433	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	42	EACH	2.000
00434	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	42	EACH	112.000
00435	630E79604	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2 (WT: 42)	42	EACH	18.000
00436	630E80100	SIGN, FLAT SHEET (WT: 42)	42	SF	4,190.700
00437	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	42	SF	899.500
00438	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	42	SF	8,261.500
00439	630E80300	SIGN, OVERLAY (WT: 42)	42	SF	781.300
00440	630E80501	SIGN, DOUBLE FACED, STREET NAME, AS PER PLAN (WT: 42)	42	EACH	6.000
00441	630E84010	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50 (WT: 42)	42	EACH	5.000
00442	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	42	EACH	6.000

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00443	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	42	EACH	27.000
00444	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	230.000
00445	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	NR	EACH	5.000
00446	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	42	EACH	2.000
00447	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	NR	EACH	14.000
00448	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	198.000
00449	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	42	EACH	2.000
00450	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	30.000
00451	630E86270	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND STORAGE (WT: NR)	NR	EACH	1.000
00452	630E87000	REMOVAL OF OVERHEAD MOUNTED SIGN AND STORAGE (WT: NR)	NR	EACH	5.000
00453	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	42	EACH	5.000
00454	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	89.000
00455	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	248.000
00456	630E87510	REMOVAL OF POLE MOUNTED SIGN AND STORAGE (WT: NR)	NR	EACH	1.000
00457	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	42	EACH	3.000
00458	630E89702	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	18.000
00459	630E89804	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-15.115 (WT: NR)	NR	EACH	1.000
00460	630E89894	REMOVAL OF TEMPORARY OVERLAY SIGN AND DISPOSAL (WT: NR)	NR	EACH	33.000
00461	630E89898	REMOVAL OF TEMPORARY OVERLAY SIGN AND STORAGE (WT: NR)	NR	EACH	4.000
00462	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	45	FT	95,970.000
00463	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	45	EACH	70.000
00464	644E00100	EDGE LINE, 4" (WT: 45)	45	MILE	1.330
00465	644E00104	EDGE LINE, 6" (WT: 45)	45	MILE	9.580
00466	644E00200	LANE LINE, 4" (WT: 45)	45	MILE	2.500
00467	644E00204	LANE LINE, 6" (WT: 45)	45	MILE	5.890
00468	644E00300	CENTER LINE (WT: 45)	45	MILE	1.770
00469	644E00400	CHANNELIZING LINE, 8" (WT: 45)	45	FT	5,882.000
00470	644E00404	CHANNELIZING LINE, 12" (WT: 45)	45	FT	10,173.000
00471	644E00500	STOP LINE (WT: 45)	45	FT	1,161.000
00472	644E00620	CROSSWALK LINE, 12" (WT: 45)	45	FT	4,401.000
00473	644E00621	CROSSWALK LINE, 12", AS PER PLAN (WT: 45)	45	FT	1,219.000
00474	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	45	FT	4,153.000
00475	644E00720	CHEVRON MARKING (WT: 45)	45	FT	1,573.000

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00476		644E00900	ISLAND MARKING (WT: 45)	45	SF	581.000
00477		644E01200	PARKING LOT STALL MARKING (WT: 45)	45	FT	2,960.000
00478		644E01300	LANE ARROW (WT: 45)	45	EACH	162.000
00479		644E01350	LANE REDUCTION ARROW (WT: 45)	45	EACH	2.000
00480		644E01360	WRONG WAY ARROW (WT: 45)	45	EACH	11.000
00481		644E01370	TWO WAY LEFT TURN ARROW (WT: 45)	45	EACH	2.000
00482		644E01500	DOTTED LINE, 4" (WT: 45)	45	FT	3,310.000
00483		644E01510	DOTTED LINE, 6" (WT: 45)	45	FT	4,869.000
00484		644E01514	DOTTED LINE, 8" (WT: 45)	45	FT	1,448.000
00485		644E01520	DOTTED LINE, 12" (WT: 45)	45	FT	1,365.000
00486		644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	45	EACH	6.000
00487		644E19000	SHARED LANE MARKING (WT: 45)	45	EACH	4.000
00488		644E50300	PAVEMENT MARKING, MISC.:BIKE LANE CROSSWALK (WT: 45)	45	FT	38.000
00489		644E60000	GREEN COLORED PAVEMENT FOR BIKE LANES (WT: 45)	45	SF	1,034.000
00490		646E10000	EDGE LINE, 4" (WT: 45)	45	MILE	0.140
00491		646E10010	EDGE LINE, 6" (WT: 45)	45	MILE	1.900
00492		646E10100	LANE LINE, 4" (WT: 45)	45	MILE	0.420
00493		646E10110	LANE LINE, 6" (WT: 45)	45	MILE	1.480
00494		646E10200	CENTER LINE (WT: 45)	45	MILE	0.350
00495		646E10300	CHANNELIZING LINE, 8" (WT: 45)	45	FT	241.000
00496		646E10310	CHANNELIZING LINE, 12" (WT: 45)	45	FT	3,018.000
00497		646E10400	STOP LINE (WT: 45)	45	FT	33.000
00498		646E10510	CROSSWALK LINE, 12" (WT: 45)	45	FT	56.000
00499		646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	45	FT	498.000
00500		646E10620	CHEVRON MARKING (WT: 45)	45	FT	222.000
00501		646E20300	LANE ARROW (WT: 45)	45	EACH	5.000
00502		646E20504	DOTTED LINE, 6" (WT: 45)	45	FT	2,687.000
00503		646E20600	BIKE LANE SYMBOL MARKING (WT: 45)	45	EACH	4.000
00504		646E20650	SHARED LANE MARKING (WT: 45)	45	EACH	2.000
00505		646E60100	GREEN COLORED PAVEMENT FOR BIKE LANES (WT: 45)	45	SF	876.000

Section 0009 TRAFFIC SURVEILLANCE

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00506		625E25408	CONDUIT, 2", 725.051 (WT: 43)	43	FT	61.000
00507		625E25410	CONDUIT, 2", 725.052 (WT: 43)	43	FT	8,108.000

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00508		625E25504	CONDUIT, 3", 725.051 (WT: 43)	43	FT	32.000
00509		625E25908	CONDUIT, JACKED OR DRILLED, 725.0522" (WT: 43)	43	FT	984.000
00510		625E29000	TRENCH (WT: 43)	43	FT	989.000
00511		625E30700	PULL BOX, 725.08, 18" (WT: 43)	43	EACH	1.000
00512		625E32000	GROUND ROD (WT: 43)	43	EACH	3.000
00513		625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	NR	FT	989.000
00514		632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	44	FT	70.000
00515		632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	500.000
00516		632E70001	POWER SERVICE, AS PER PLAN3 (WT: 44)	44	EACH	1.000
00517		633E67100	CABINET FOUNDATION (WT: 44)	44	EACH	2.000
00518		633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	44	EACH	1.000
00519		809E00530	ITS JUNCTION BOX, 17x24x6 INCHES (WT: 44)	44	EACH	8.000
00520		809E02000	32" ITS PULL BOX WITH PAD AND STANDARD LID ASSEMBLY, TYPE 2 (WT: 44)	44	EACH	9.000
00521		809E23100	MICRO-DUCT INNERDUCT, 14/10 (WT: 55)	55	FT	12,128.000
00522		809E60000	CCTV IP-CAMERA SYSTEM, PTZ (WT: 44)	44	EACH	1.000
00523		809E60070	CCTV IP-CAMERA SYSTEM, WRONG WAY DETECTION (WT: 55)	55	EACH	2.000
00524		809E61090	CCTV LOWERING UNIT (WT: 44)	44	EACH	1.000
00525		809E64550	ETHERNET CABLE, OUTDOOR-RATED (WT: 44)	44	FT	350.000
00526		809E65000	ITS CABINET - GROUND MOUNTED (WT: 44)	44	EACH	2.000
00527		809E65990	ITS DEVICE, MISC.:REMOVAL OF EXISTING CCTV AND LOWERING UNIT (WT: 44)	44	EACH	1.000
00528		809E65990	ITS DEVICE, MISC.:REMOVAL OF EXISTING CCTV POLE (WT: 44)	44	EACH	1.000
00529		809E65990	ITS DEVICE, MISC.:REMOVAL OF EXISTING POLE-MOUNTED ITS CABINET (WT: 44)	44	EACH	4.000
00530		809E70000	MAINTAINING ITS DURING CONSTRUCTION (WT: 44)	44	LS	1.000

Section 0010 TRAFFIC SURVEILLANCE ALTERNATES

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00531	AA1	809E61040	CCTV POLE, 70' TALLCONCRETE (ALTERNATE 1) (WT: 44)	44	EACH	1.000
00532	AA2	809E61040	CCTV POLE, 70' TALLSTEEL (ALTERNATE 2) (WT: 44)	44	EACH	1.000

Section 0011 TRAFFIC SIGNALS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00533		625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	43	EACH	4.000
00534		625E25408	CONDUIT, 2", 725.051 (WT: 43)	43	FT	756.000

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00535	625E25504	CONDUIT, 3", 725.051 (WT: 43)	43	FT	448.000
00536	625E25604	CONDUIT, 4", 725.051 (WT: 43)	43	FT	152.000
00537	625E25802	CONDUIT, CONCRETE ENCASED4", 725.051 (WT: 43)	43	FT	4,010.000
00538	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	43	FT	675.000
00539	625E29000	TRENCH (WT: 43)	43	FT	2,824.000
00540	625E29400	TRENCH IN PAVED AREA (WT: 43)	43	FT	447.000
00541	625E30510	PULL BOX, 725.06, SIZE 4 (WT: 43)	43	EACH	12.000
00542	625E30530	PULL BOX, 725.06, SIZE 18 (WT: 43)	43	EACH	28.000
00543	625E32000	GROUND ROD (WT: 43)	43	EACH	65.000
00544	625E36011	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN (WT: NR)	NR	FT	3,271.000
00545	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	42	EACH	58.000
00546	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	42	EACH	4.000
00547	630E80100	SIGN, FLAT SHEET (WT: 42)	42	SF	254.000
00548	630E80511	SIGN, STREET NAME, AS PER PLAN (WT: 42)	42	EACH	30.000
00549	632E04000	VEHICULAR SIGNAL HEAD, MISC.:(LED), 3-SECTION, 8" LENS, 1-WAY, POLYCARBONATE, YELLOW (BICYCLE) (WT: 44)	44	EACH	4.000
00550	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATEYELLOW (WT: 44)	44	EACH	87.000
00551	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATEYELLOW (WT: 44)	44	EACH	12.000
00552	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	44	EACH	56.000
00553	632E20750	ACCESSIBLE PEDESTRIAN PUSHBUTTON (WT: 44)	44	EACH	62.000
00554	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	44	EACH	103.000
00555	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	44	EACH	56.000
00556	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	8,775.000
00557	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	8,775.000
00558	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	10,250.000
00559	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	44	EACH	30.000
00560	632E64020	PEDESTAL FOUNDATION (WT: 44)	44	EACH	28.000
00561	632E64950	TEST HOLE PERFORMED (WT: 44)	44	EACH	8.000
00562	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	44	FT	450.000
00563	632E69200	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	450.000
00564	632E70001	POWER SERVICE, AS PER PLAN2 (WT: 44)	44	EACH	7.000
00565	632E70200	CONDUIT RISER, 1" DIAMETER (WT: 44)	44	EACH	9.000
00566	632E72111	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN (WT: 44)	44	EACH	10.000

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00567		632E72131	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN (WT: 44)	44	EACH	8.000
00568		632E72141	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER PLAN (WT: 44)	44	EACH	8.000
00569		632E72151	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN (WT: 44)	44	EACH	2.000
00570		632E86121	STRAIN POLE, TYPE TC-81.11, DESIGN 8, AS PER PLAN (WT: 44)	44	EACH	2.000
00571		632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	44	EACH	14.000
00572		632E90010	PEDESTAL, MISC.:PEDESTAL 15', TRANSFORMER BASE (WT: 44)	44	EACH	14.000
00573		632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	44	EACH	8.000
00574		633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	44	EACH	7.000
00575		633E67100	CABINET FOUNDATION (WT: 44)	44	EACH	7.000
00576		633E67200	CONTROLLER WORK PAD (WT: 44)	44	EACH	6.000
00577		809E69123	ATC CONTROLLER, AS PER PLAN (WT: 44)	44	EACH	7.000

Section 0012 TRAFFIC SIGNALS ALTERNATES (GPS)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00578	AB1	633E45001	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY, AS PER PLAN(GENERIC) (ALTERNATE 1) (WT: 44)	44	EACH	7.000
00579	AB2	633E45001	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY, AS PER PLAN(ELTEC) (ALTERNATE 2) (WT: 44)	44	EACH	7.000

Section 0013 TRAFFIC SIGNALS ALTERNATES (DETECTION RADAR)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00580	AC1	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN(GENERIC) (ALTERNATE 1) (WT: 44)	44	EACH	20.000
00581	AC2	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN(ITERIS) (ALTERNATE 2) (WT: 44)	44	EACH	20.000

Section 0014 LANDSCAPING

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00582		511E53010	CLASS QC1 CONCRETE, MISC.:GATEWAY MONUMENT SIGN (WT: 21)	21	CY	75.000
00583		607E98200	FENCE, MISC.:BRIDGE 13 SCREEN WALL PANELS (WT: 37)	37	LS	1.000
00584		607E98200	FENCE, MISC.:GATEWAY MONUMENT SIGN SCREEN WALL PANELS (WT: 37)	37	LS	1.000
00585		608E98000	WALKWAY, MISC.:PAVERS OVER CONCRETE (BRICK 1) (WT: 38)	38	SF	961.000
00586		608E98000	WALKWAY, MISC.:PAVERS OVER CONCRETE (BRICK 2) (WT: 38)	38	SF	743.000
00587		608E98000	WALKWAY, MISC.:PAVERS OVER CONCRETE (BRICK 3) (WT: 38)	38	SF	110.000
00588		608E98000	WALKWAY, MISC.:PAVERS OVER CONCRETE (BRICK 4) (WT: 38)	38	SF	1,847.000
00589		661E00501	MULCH, AS PER PLAN (WT: 46)	46	CY	243.000
00590		661E31000	LANDSCAPE WATERING (WT: 46)	46	GAL	48,400.000

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00591	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERAMERICAN SYCAMORE (POC) (WT: 46)	46	EACH	9.000
00592	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERBUR OAK (QMA) (WT: 46)	46	EACH	5.000
00593	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERCHINESE ELM (ULM) (WT: 46)	46	EACH	7.000
00594	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERCHINKAPIN OAK (QMU) (WT: 46)	46	EACH	15.000
00595	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERGREEN VASE ZELKOVA (ZSE) (WT: 46)	46	EACH	11.000
00596	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERKENTUCKY COFFEETREE (GDI) (WT: 46)	46	EACH	18.000
00597	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERLITTLELEAF LINDEN (TCO) (WT: 46)	46	EACH	1.000
00598	661E40100	DECIDUOUS TREE, 2-1/2" CALIPEROHIO BUCKEYE (AGL) (WT: 46)	46	EACH	19.000
00599	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERSCARLET OAK (QCO) (WT: 46)	46	EACH	18.000
00600	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERSOMERSET RED MAPLE (ARS) (WT: 46)	46	EACH	12.000
00601	661E40100	DECIDUOUS TREE, 2-1/2" CALIPERTHORNLESS HONEYLOCUST (GTR) (WT: 46)	46	EACH	10.000
00602	661E50160	EVERGREEN TREE, 8' HEIGHTAMERICAN HOLLY (IOK) (WT: 46)	46	EACH	6.000
00603	661E50160	EVERGREEN TREE, 8' HEIGHTAMERICAN HOLLY (IOP) (WT: 46)	46	EACH	26.000
00604	661E50160	EVERGREEN TREE, 8' HEIGHTEASTERN REDCEDAR (JVI) (WT: 46)	46	EACH	72.000
00605	661E50160	EVERGREEN TREE, 8' HEIGHTPITCH PINE (PRI) (WT: 46)	46	EACH	58.000
00606	661E99900	PLANTING, MISC.:FLOWERING TREE, 2-1/2" CALIPER, CRABAPPLE SP. (MAL) (WT: 46)	46	EACH	53.000
00607	661E99900	PLANTING, MISC.:FLOWERING TREE, 2-1/2" CALIPER, EASTERN REDBUD (CCN) (WT: 46)	46	EACH	128.000
00608	661E99900	PLANTING, MISC.:FLOWERING TREE, 2-1/2" CALIPER, FLOWERING DOGWOOD (CFL) (WT: 46)	46	EACH	43.000
00609	661E99900	PLANTING, MISC.:FLOWERING TREE, 2-1/2" CALIPER, GREEN HAWTHORN (CVI) (WT: 46)	46	EACH	90.000
00610	661E99900	PLANTING, MISC.:FLOWERING TREE, 2-1/2" CALIPER, IVORY SILK JAPANESE TREE LILAC (SRE) (WT: 46)	46	EACH	33.000
00611	661E99900	PLANTING, MISC.:FLOWERING TREE, 2-1/2" CALIPER, KWANZAN FLOWERING CHERRY (PSE) (WT: 46)	46	EACH	36.000
00612	661E99900	PLANTING, MISC.:FLOWERING TREE, 6-8' HEIGHT, AUTUMN BRILLIANCE SERVICEBERRY (ACA) (WT: 46)	46	EACH	88.000
00613	661E99900	PLANTING, MISC.:FLOWERING TREE, 6-8' HEIGHT, COMMON WITCH HAZEL (HVI) (WT: 46)	46	EACH	14.000
00614	661E99900	PLANTING, MISC.:SHRUB, 3 GALLON, SHORE JUNIPER (JCB) (WT: 46)	46	EACH	196.000
00615	680E14550	SPECIAL - TRASH RECEPACLE (WT: NR)	NR	EACH	9.000
00616	680E43100	SPECIAL - COMPLETE IRRIGATION SYSTEM (WT: 35)	35	EACH	1.000
00617	690E98000	SPECIAL - BRICK 1 PAVER MOCK UP (WT: NR)	NR	EACH	2.000
00618	690E98000	SPECIAL - BRICK 2 PAVER MOCK UP (WT: NR)	NR	EACH	2.000
00619	690E98000	SPECIAL - BRICK 3 PAVER MOCK UP (WT: NR)	NR	EACH	2.000

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00620		690E98000	SPECIAL - BRICK 4 PAVER MOCK UP (WT: NR)	NR	EACH	2.000
00621		690E98000	SPECIAL - BRIDGE 13 ARCHITECTURAL CONCRETE MIX MOCK UP (WT: NR)	NR	EACH	1.000
00622		690E98000	SPECIAL - BRIDGE 13 PLANTER MOCK UP (WT: NR)	NR	EACH	1.000
00623		690E98000	SPECIAL - BRIDGE 13 SCREEN WALL MOCK UP (WT: NR)	NR	EACH	1.000
00624		690E98000	SPECIAL - GATEWAY MONUMENT SIGN ARCHITECTURAL CONCRETE MIX MOCK UP (WT: NR)	NR	EACH	1.000
00625		690E98000	SPECIAL - GATEWAY MONUMENT SIGN SCREEN WALL MOCK UP (WT: NR)	NR	EACH	1.000
00626		690E98000	SPECIAL - GATEWAY SIGN ALUMINUM LETTERS (WT: NR)	NR	EACH	21.000
00627		690E98000	SPECIAL - INTEGRALLY COLORED CONCRETE CROSSWALK MOCK UP (WT: NR)	NR	EACH	2.000
00628		690E98000	SPECIAL - PARK BENCH (WT: NR)	NR	EACH	24.000
00629		690E98000	SPECIAL - SCREEN WALL COVER PLATE (WT: NR)	NR	EACH	159.000
00630		690E98000	SPECIAL - SKATE GUARD (WT: NR)	NR	EACH	70.000
00631		690E98000	SPECIAL - TREE PROTECTION (WT: NR)	NR	EACH	9.000
00632		690E98100	SPECIAL - AIR KNIFE EXCAVATION (WT: 06)	06	FT	320.000
00633		690E98100	SPECIAL - METAL EDGING (WT: 06)	06	FT	1,118.000
00634		690E98400	SPECIAL - CLEVELAND PLANTING (WT: NR)	NR	LS	1.000
00635		690E98400	SPECIAL - PLANTER WATERPROOFING SYSTEM (WT: NR)	NR	LS	1.000
00636		690E98700	SPECIAL - PLANTING SOIL FOR BRIDGE 13 PARAPET PLANTERS (WT: 38)	38	CY	29.000
00637		690E98700	SPECIAL - PLANTING SOIL FOR BRIDGE 13 TREE PLANTERS (WT: 38)	38	CY	174.000

Section 0015 BUILDING DEMOLITION

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00638		202E56000	BUILDING DEMOLISHED(103-13-019 / 320-WL) (WT: 02)	02	LS	1.000
00639		202E56001	BUILDING DEMOLISHED, AS PER PLAN(103-26-003 / 303) (WT: 02)	02	LS	1.000

Section 0016 MAINTENANCE OF TRAFFIC

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00640		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	39	HOURL	5,000.000
00641		614E11630	INCREASED BARRIER DELINEATION (WT: 39)	39	FT	10,555.000
00642		614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	39	EACH	43.000
00643		614E12420	DETOUR SIGNING (WT: 39)	39	LS	1.000
00644		614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	39	EACH	62.000
00645		614E12500	REPLACEMENT SIGN (WT: 39)	39	EACH	26.000
00646		614E12756	WORK ZONE CROSSOVER LIGHTING SYSTEM (WT: 39)	39	EACH	6.000

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00647	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	39	EACH	3,895.000
00648	614E13310	BARRIER REFLECTOR, TYPE 1(ONE WAY) (WT: NR)	NR	EACH	1,256.000
00649	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	NR	EACH	1,113.000
00650	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	NR	EACH	42.000
00651	614E18000	MAINTAINING TRAFFIC, MISC.:ARTIAL TEMPORARY TRAFFIC SIGNAL (WT: 39)	39	EACH	3.000
00652	614E18000	MAINTAINING TRAFFIC, MISC.:TEMPORARY TRAFFIC SIGNAL (WT: 39)	39	EACH	1.000
00653	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	39	SNMT	200.000
00654	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	39	MILE	1.540
00655	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	39	MILE	11.250
00656	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	39	MILE	2.530
00657	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	39	MILE	4.390
00658	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	39	MILE	22.760
00659	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	39	FT	3,514.000
00660	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	39	FT	43,436.000
00661	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	39	FT	18,165.000
00662	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	39	FT	731.000
00663	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	39	FT	881.000
00664	614E27010	WORK ZONE CROSSWALK LINE, CLASS I, 12" (WT: 39)	39	FT	832.000
00665	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	39	EACH	117.000
00666	614E31000	WORK ZONE WORD ON PAVEMENT, 72", CLASS I (WT: 39)	39	EACH	2.000
00667	614E98200	WORK ZONE PAVEMENT MARKING, MISC.:SHARED LANE MARKING (WT: 39)	39	EACH	5.000
00668	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	06	LS	1.000
00669	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	10	SY	30,133.000
00670	616E10000	WATER (WT: NR)	NR	MGAL	2,285.000
00671	616E20000	CALCIUM CHLORIDE (WT: NR)	NR	TON	150.000
00672	622E41011	PORTABLE BARRIER, 50", AS PER PLAN (WT: 39)	39	FT	57,669.000
00673	622E41060	DUAL PORTABLE BARRIER TRANSITION/TERMINATION (WT: 39)	39	EACH	3.000
00674	622E41101	PORTABLE BARRIER, UNANCHORED, AS PER PLAN (WT: 39)	39	FT	1,150.000
00675	622E41111	PORTABLE BARRIER, ANCHORED, AS PER PLAN (WT: 39)	39	FT	2,054.000
00676	622E41111	PORTABLE BARRIER, ANCHORED, AS PER PLAN2 (WT: 39)	39	FT	190.000
00677	829E00100	WORK ZONE EGRESS WARNING SYSTEM (WT: 39)	39	SNMT	64.000
00678	896E00010	PORTABLE NON-INTRUSIVE TRAFFIC SENSOR, CLASS I (WT: 39)	39	SNMT	648.000
00679	896E00020	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	39	SNMT	216.000

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Section 0017 RETAINING WALLS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00680		202E11000	STRUCTURE REMOVED (WT: 19)	19	LS	1.000
00681		202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	19	LS	1.000

Section 0018 RETAINING WALLS (WALL AC)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00682		203E20000	EMBANKMENT (WT: 04)	04	CY	120.000
00683		203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	06	CY	213.000
00684		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 06)	06	LS	1.000
00685		507E00400	STEEL PILES, MISC.:SOLDIER PILES HP14x73 (WT: 34)	34	FT	1,455.000
00686		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	88,502.000
00687		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	9,490.000
00688		511E46013	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 38)	38	CY	276.000
00689		511E53012	CLASS QC2 CONCRETE, MISC.:CONCRETE MOMENT SLAB AND BARRIER (WT: 21)	21	CY	387.000
00690		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	595.000
00691		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	1,786.000
00692		512E33001	TYPE 2 WATERPROOFING, AS PER PLAN (WT: 40)	40	SY	40.000
00693		513E20001	WELDED STUD SHEAR CONNECTORS, AS PER PLAN (WT: 25)	25	EACH	663.000
00694		516E31001	JOINT SEALER, AS PER PLAN (WT: 27)	27	FT	634.000
00695		518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 21)	21	SY	570.000
00696		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	20.000
00697		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	250.000
00698		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	20.000
00699		524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	775.000
00700		530E51020	SPECIAL - RETAINING WALL, TIMBER LAGGING (WT: 34)	34	SF	5,225.000
00701		601E11000	RIPRAP, TYPE D (WT: 35)	35	SY	28.000
00702		840E20001	MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN (WT: 34)	34	SF	5,365.000
00703		840E21000	WALL EXCAVATION (WT: 34)	34	CY	1,330.000
00704		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	638.000

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00705		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	2,631.000
00706		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	810.000
00707		840E26000	CONCRETE COPING (WT: 34)	34	FT	381.000
00708		840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	34	SF	4,300.000
00709		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	5.000
00710		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000
00711		866E00100	GROUND ANCHOR,100 KIP MAX LOAD TEST (WT: 34)	34	EACH	9.000
00712		866E00100	GROUND ANCHOR,113 KIP MAX LOAD TEST (WT: 34)	34	EACH	22.000
00713		866E00100	GROUND ANCHOR,122 KIP MAX LOAD TEST (WT: 34)	34	EACH	9.000
00714		866E00100	GROUND ANCHOR,73 KIP MAX LOAD TEST (WT: 34)	34	EACH	22.000
00715		866E00100	GROUND ANCHOR,77 KIP MAX LOAD TEST (WT: 34)	34	EACH	22.000
00716		866E00300	INVESTIGATIVE ANCHOR PULLOUT TESTS (WT: 34)	34	LS	1.000
00717		866E00400	PERFORMANCE TEST (WT: 33)	33	EACH	5.000
00718		866E00500	EXTENDED CREEP TEST (WT: NR)	NR	EACH	2.000

Section 0019 RETAINING WALLS (WALL AD)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00719		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 53)	53	LS	1.000
00720		503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	34	CY	1,279.000
00721		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	75,594.000
00722		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	12,902.000
00723		511E46212	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL INCLUDING FOOTING (WT: 38)	38	CY	163.000
00724		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB AND RAILING WITH QC/QA (WT: 21)	21	CY	266.000
00725		511E53012	CLASS QC2 CONCRETE, MISC.:RAILING ON RETAINING WALL WITH QC/QA (WT: 21)	21	CY	73.000
00726		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	338.000
00727		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	1,306.000
00728		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	147.000
00729		512E67300	SPECIAL - WATERPROOFING6" PVC WATERSTOP (WT: 40)	40	FT	421.000
00730		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	35.000
00731		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	133.000
00732		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	808.000

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00733		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	132.000
00734		530E50020	SPECIAL - RETAINING WALLGRADE BEAM (WT: 34)	34	FT	448.000
00735		530E50020	SPECIAL - RETAINING WALLLOAD DISTRIBUTION SLAB (LDS) (WT: 34)	34	FT	471.000
00736		530E51000	SPECIAL - RETAINING WALL, PRECAST WALL FACADE PANEL (WT: 34)	34	SF	7,083.000
00737		840E26001	CONCRETE COPING, AS PER PLAN (WT: 34)	34	FT	448.000
00738		840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	34	SF	7,083.000

Section 0020 RETAINING WALLS (WALL AE)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00739		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 53)	53	LS	1.000
00740		503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 53)	53	CY	559.000
00741		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	30,805.000
00742		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	2,846.000
00743		511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	21	CY	28.000
00744		511E46013	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 38)	38	CY	75.000
00745		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	68.000
00746		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB WITH QC/QA (WT: 21)	21	CY	85.000
00747		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	261.000
00748		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	261.000
00749		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	12.000
00750		516E13601	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN (WT: NR)	NR	SF	224.000
00751		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	469.000
00752		516E31001	JOINT SEALER, AS PER PLAN (WT: 27)	27	FT	209.000
00753		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	78.000
00754		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	212.000
00755		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	12.000

Section 0021 RETAINING WALLS (WALL AF)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00756		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 06)	06	LS	1.000
00757		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	38,614.000

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00758		510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	21	EACH	58.000
00759		511E44113	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN (WT: 21)	21	CY	281.000
00760		511E46013	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 38)	38	CY	190.000
00761		511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT (WT: NR)	NR	SF	5,490.000
00762		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	308.000
00763		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	731.000
00764		513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	1,062.000
00765		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	82.000
00766		518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 21)	21	SY	590.000
00767		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	139.000
00768		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	554.000
00769		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	60.000
00770		524E94801	DRILLED SHAFTS, 42" DIAMETER, AS PER PLAN (WT: 28)	28	FT	1,762.000
00771		524E94900	DRILLED SHAFTS, 48" DIAMETER (WT: 28)	28	FT	498.000
00772		524E94901	DRILLED SHAFTS, 48" DIAMETER, AS PER PLAN (WT: 28)	28	FT	4,194.000
00773		524E95100	DRILLED SHAFTS, MISC.:DEMONSTRATION DRILLED SHAFT (WT: 28)	28	EACH	1.000
00774		607E39911	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	37	FT	277.000
00775		894E10000	THERMAL INTEGRITY PROFILING (TIP) TEST (WT: 28)	28	EACH	7.000

Section 0022 RETAINING WALLS (WALL AG)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00776		503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 53)	53	CY	9,626.000
00777		507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	19,665.000
00778		507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	21,140.000
00779		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	272,727.000
00780		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 38)	38	CY	1,073.000
00781		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	1,101.000
00782		511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT (WT: NR)	NR	SF	12,719.000
00783		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	659.000

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00784		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	1,359.000
00785		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	154.000
00786		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	402.000
00787		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	830.000
00788		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	633.000
00789		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	100.000
00790		523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	4.000
00791		523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	4.000
00792		530E00200	SPECIAL - STRUCTURESPRECONSTRUCTION CONDITION SURVEY (WT: NR)	NR	LS	1.000
00793		530E00200	SPECIAL - STRUCTURESVIBRATION MONITORING (WT: NR)	NR	LS	1.000
00794		607E39911	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	37	FT	614.000
00795		611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	35	EACH	3.000

Section 0023 RETAINING WALLS (WALL AH)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00796		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 06)	06	LS	1.000
00797		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	15,638.000
00798		511E44113	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN (WT: 21)	21	CY	105.000
00799		511E46013	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 38)	38	CY	68.000
00800		511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT (WT: NR)	NR	SF	2,009.000
00801		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	109.000
00802		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	261.000
00803		513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	378.000
00804		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	64.000
00805		518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 21)	21	SY	237.000
00806		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	46.000
00807		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	200.000
00808		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	30.000
00809		524E94801	DRILLED SHAFTS, 42" DIAMETER, AS PER PLAN (WT: 28)	28	FT	642.000

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00810		524E94901	DRILLED SHAFTS, 48" DIAMETER, AS PER PLAN (WT: 28)	28	FT	1,778.000
00811		524E95100	DRILLED SHAFTS, MISC.:DEMONSTRATION DRILLED SHAFT (WT: 28)	28	EACH	1.000
00812		601E40000	PAVED GUTTER, MISC.:PAVED GUTTER (WT: 38)	38	FT	100.000
00813		607E39911	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	37	FT	98.000
00814		894E10000	THERMAL INTEGRITY PROFILING (TIP) TEST (WT: 28)	28	EACH	3.000

Section 0024 RETAINING WALLS (WALL AI)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00815		507E00400	STEEL PILES, MISC.:W24x162, FURNISHED (WT: 34)	34	FT	462.000
00816		507E00400	STEEL PILES, MISC.:W24x229, FURNISHED (WT: 34)	34	FT	115.000
00817		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	12,522.000
00818		511E46013	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 38)	38	CY	27.000
00819		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB AND PARAPET WITH QC/QA (WT: 21)	21	CY	70.000
00820		511E81300	CONCRETE, MISC.:CLASS QC1 CONCRETE FOR RAISED PANEL SEAT (WT: 38)	38	EACH	11.000
00821		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	276.000
00822		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	276.000
00823		513E90000	STRUCTURAL STEEL, MISC.:RETENTION ANGLE (WT: 24)	24	LB	526.000
00824		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	87.000
00825		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	276.000
00826		516E42000	ELASTOMERIC BEARING PAD, MISC.:6" x 10" x 3/8" THICK (WT: 21)	21	EACH	190.000
00827		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	161.000
00828		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	14.000
00829		524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	391.000
00830		530E51010	SPECIAL - RETAINING WALL, PRECAST CONCRETE LAGGING (WT: 34)	34	SF	1,373.000
00831		607E39910	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC (WT: 37)	37	FT	136.000
00832		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	17.000

Section 0025 RETAINING WALLS (WALL AJ)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00833		507E00400	STEEL PILES, MISC.:HP16x121, FURNISHED (WT: 34)	34	FT	114.000

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00834		507E00400	STEEL PILES, MISC.:W24x131, FURNISHED (WT: 34)	34	FT	527.000
00835		507E00400	STEEL PILES, MISC.:W24x192, FURNISHED (WT: 34)	34	FT	439.000
00836		507E00400	STEEL PILES, MISC.:W24x229, FURNISHED (WT: 34)	34	FT	130.000
00837		511E81300	CONCRETE, MISC.:CLASS QC1 CONCRETE FOR RAISED PANEL SEAT (WT: 38)	38	EACH	11.000
00838		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	440.000
00839		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	440.000
00840		516E42000	ELASTOMERIC BEARING PAD, MISC.:6" x 10" x 3/8" THICK (WT: 21)	21	EACH	472.000
00841		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	280.000
00842		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	34.000
00843		524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	75.000
00844		524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	659.000
00845		530E51010	SPECIAL - RETAINING WALL, PRECAST CONCRETE LAGGING (WT: 34)	34	SF	3,489.000
00846		607E23000	FENCE, TYPE CLT (WT: 37)	37	FT	274.000
00847		611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	35	EACH	2.000
00848		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	108.000

Section 0026 RETAINING WALLS (WALL N)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00849		203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	06	CY	209.000
00850		507E00400	STEEL PILES, MISC.:W21x101, FURNISHED (WT: 34)	34	FT	194.000
00851		507E00400	STEEL PILES, MISC.:W24x192, FURNISHED (WT: 34)	34	FT	210.000
00852		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	279.000
00853		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	486.000
00854		513E90000	STRUCTURAL STEEL, MISC.:RETENTION ANGLE (WT: 24)	24	LB	6,851.000
00855		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	20.000
00856		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	44.000
00857		516E42000	ELASTOMERIC BEARING PAD, MISC.:6" x 10" x 3/8" THICK (WT: 21)	21	EACH	165.000
00858		516E42000	ELASTOMERIC BEARING PAD, MISC.:6" x 8" x 3/8" THICK (WT: 21)	21	EACH	5.000
00859		524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	200.000
00860		530E51010	SPECIAL - RETAINING WALL, PRECAST CONCRETE LAGGING (WT: 34)	34	SF	1,195.000
00861		607E23000	FENCE, TYPE CLT (WT: 37)	37	FT	62.000

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00862		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	37.000
00863		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	4,643.000
00864		840E20001	MECHANICALLY STABILIZED EARTH WALL, AS PER PLANWIRE FACED MSE WALL (WT: 34)	34	SF	823.000
00865		840E21000	WALL EXCAVATION (WT: 34)	34	CY	2,149.000
00866		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	626.000
00867		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	4,380.000
00868		840E23050	NATURAL SOIL (WT: 34)	34	CY	173.000
00869		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	424.000
00870		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	40.000
00871		840E26000	CONCRETE COPING (WT: 34)	34	FT	243.000
00872		840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	34	SF	4,643.000
00873		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	1.000
00874		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000

Section 0027 RETAINING WALLS (WALL S)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00875		507E00400	STEEL PILES, MISC.:W36x262, FURNISHED (WT: 34)	34	FT	2,290.000
00876		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	48,626.000
00877		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	3,660.000
00878		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 38)	38	CY	152.000
00879		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB AND BARRIER WITH QC/QA (WT: 21)	21	CY	138.000
00880		511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT (WT: NR)	NR	SF	3,769.000
00881		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	275.000
00882		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	496.000
00883		512E33001	TYPE 2 WATERPROOFING, AS PER PLAN (WT: 40)	40	SY	41.000
00884		513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	1,116.000
00885		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	231.000
00886		516E42000	ELASTOMERIC BEARING PAD, MISC.:6" x 9" x 3/8" THICK (WT: 21)	21	EACH	120.000
00887		518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 21)	21	SY	364.000
00888		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	168.000
00889		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	273.000

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00890		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	62.000
00891		524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	1,512.000
00892		530E51010	SPECIAL - RETAINING WALL, PRECAST CONCRETE LAGGING (WT: 34)	34	SF	743.000
00893		530E51020	SPECIAL - RETAINING WALL, TIMBER LAGGING (WT: 34)	34	SF	3,273.000
00894		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	363.000

Section 0028 RETAINING WALLS (WALL T)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00895		203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	06	CY	487.000
00896		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	126,999.000
00897		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	15,914.000
00898		511E46212	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL INCLUDING FOOTING (WT: 38)	38	CY	59.000
00899		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB AND BARRIER WITH QC/QA (WT: 21)	21	CY	555.000
00900		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	905.000
00901		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	1,902.000
00902		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	989.000
00903		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	5,364.000
00904		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	13,557.000
00905		840E21000	WALL EXCAVATION (WT: 34)	34	CY	4,343.000
00906		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	1,391.000
00907		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	5,858.000
00908		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	1,871.000
00909		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	163.000
00910		840E26000	CONCRETE COPING (WT: 34)	34	FT	888.000
00911		840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	34	SF	12,384.000
00912		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	1.000
00913		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000

Section 0029 RETAINING WALLS (WALL Y)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00914		203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	06	CY	239.000

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00915		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	370.000
00916		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	492.000
00917		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	251.000
00918		607E23001	FENCE, TYPE CLT, AS PER PLAN (WT: 37)	37	FT	325.000
00919		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	5,681.000
00920		840E21000	WALL EXCAVATION (WT: 34)	34	CY	1,390.000
00921		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	716.000
00922		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	2,377.000
00923		840E23050	NATURAL SOIL (WT: 34)	34	CY	741.000
00924		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	827.000
00925		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	151.000
00926		840E26000	CONCRETE COPING (WT: 34)	34	FT	401.000
00927		840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	34	SF	5,483.000
00928		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	1.000
00929		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000

Section 0030 RETAINING WALLS (WALL Z)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00930		203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	06	CY	370.000
00931		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	99,488.000
00932		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	6,162.000
00933		511E53010	CLASS QC1 CONCRETE, MISC.:LOAD DISTRIBUTION SLAB WITH QC/QA (WT: 21)	21	CY	166.000
00934		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB AND BARRIER WITH QC/QA (WT: 21)	21	CY	257.000
00935		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	423.000
00936		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	727.000
00937		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	523.000
00938		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	1,026.000
00939		530E50020	SPECIAL - RETAINING WALLGRADE BEAM (WT: 34)	34	FT	416.000
00940		530E51000	SPECIAL - RETAINING WALL, PRECAST WALL FACADE PANEL (WT: 34)	34	SF	7,515.000

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00941		840E20001	MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN2 STAGE MSE WALL (WT: 34)	34	SF	1,193.000
00942		840E20001	MECHANICALLY STABILIZED EARTH WALL, AS PER PLANWIRE FACED MSE WALL (WT: 34)	34	SF	4,964.000
00943		840E21000	WALL EXCAVATION (WT: 34)	34	CY	2,525.000
00944		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	1,128.000
00945		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	6,486.000
00946		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	825.000
00947		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	38.000
00948		840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	34	SF	8,708.000
00949		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	1.000
00950		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000

Section 0031 RETAINING WALLS (MOMENT SLAB MEDIAN BARRIER)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00951		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	90,643.000
00952		509E30040	NO. 6 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	5,944.000
00953		511E53012	CLASS QC2 CONCRETE, MISC.:CONCRETE LOAD DISTRIBUTION SLAB WITH QC/QA (WT: 21)	21	CY	300.000
00954		511E53012	CLASS QC2 CONCRETE, MISC.:CONCRETE MOMENT SLAB AND BARRIER WITH QC/QA (WT: 21)	21	CY	370.000
00955		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	465.000

Section 0032 RETAINING WALLS (MOMENT SLAB RAMP A3)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00956		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	16,584.000
00957		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	2,675.000
00958		511E53012	CLASS QC2 CONCRETE, MISC.:CONCRETE MOMENT SLAB AND BARRIER WITH QC/QA (WT: 21)	21	CY	116.000
00959		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	155.000

Section 0033 RETAINING WALLS (OVERHEAD SIGN TRUSS RAMP A2)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00960		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
00961		503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	21	LS	1.000
00962		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	14,376.000

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00963		511E42010	CLASS QC1 CONCRETE, PIER ABOVE FOOTINGS (WT: 38)	38	CY	51.000
00964		511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 38)	38	CY	10.000
00965		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	54.000
00966		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	147.000
00967		524E94601	DRILLED SHAFTS, 30" DIAMETER, AS PER PLAN (WT: 28)	28	FT	80.000
00968		625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	43	EACH	1.000

Section 0034 RETAINING WALLS (OVERHEAD SIGN TRUSS RAMP B6)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00969		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
00970		503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	21	LS	1.000
00971		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	5,561.000
00972		511E42010	CLASS QC1 CONCRETE, PIER ABOVE FOOTINGS (WT: 38)	38	CY	10.000
00973		511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 38)	38	CY	5.000
00974		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	19.000
00975		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	19.000
00976		524E94601	DRILLED SHAFTS, 30" DIAMETER, AS PER PLAN (WT: 28)	28	FT	40.000
00977		625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	43	EACH	1.000

Section 0035 STRUCTURE OVER 20 FOOT SPAN (CUY-77-1587 | SFN-1806910 | BRI DGE 9)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
00978		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
00979		503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	34	CY	5,173.000
00980		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
00981		507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	6,435.000
00982		507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	6,735.000
00983		507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	13,760.000
00984		507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	14,760.000
00985		507E00700	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	16,690.000
00986		507E00750	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	17,760.000
00987		507E92201	PREBORED HOLES, AS PER PLAN (WT: 53)	53	FT	446.000
00988		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	2,309,681.000

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00989	509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	63,147.000
00990	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	21	CY	3,826.000
00991	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	21	CY	626.000
00992	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	342.000
00993	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	437.000
00994	511E45602	CLASS QC4 MASS CONCRETE, SUBSTRUCTURE WITH QC/QA(4 KSI) (WT: 21)	21	CY	1,908.000
00995	511E45602	CLASS QC4 MASS CONCRETE, SUBSTRUCTURE WITH QC/QA(6 KSI) (WT: 21)	21	CY	187.000
00996	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	1,460.000
00997	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	622.000
00998	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	8,194.000
00999	512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	56.000
01000	513E10301	STRUCTURAL STEEL MEMBERS, LEVEL 5, AS PER PLAN (WT: 24)	24	LB	7,547,000.000
01001	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	32,600.000
01002	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	391,000.000
01003	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	26	SF	391,000.000
01004	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	27	FT	149.000
01005	516E12400	SPECIAL - MODULAR EXPANSION JOINT (WT: 27)	27	FT	209.000
01006	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	168.000
01007	518E12301	SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN (WT: 29)	29	EACH	16.000
01008	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	81.000
01009	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	214.000
01010	523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	10.000
01011	523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	10.000
01012	524E94946	DRILLED SHAFTS, 72" DIAMETER, ABOVE BEDROCK (WT: 28)	28	FT	471.000
01013	524E94989	DRILLED SHAFTS, 90" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	440.000
01014	524E95000	DRILLED SHAFTS, MISC.:90" DIAMETER DEMONSTRATION SHAFT (WT: 28)	28	FT	88.000
01015	524E95100	DRILLED SHAFTS, MISC.:BI DIRECTIONAL TESTING OF DRILLED SHAFTS (WT: 28)	28	EACH	1.000
01016	524E95100	DRILLED SHAFTS, MISC.:CSL TESTING, 90" DIA. SHAFT (WT: 28)	28	EACH	6.000
01017	524E95100	DRILLED SHAFTS, MISC.:HIGH STRAIN DYNAMIC TESTING OF DRILLED SHAFTS (WT: 28)	28	EACH	12.000
01018	526E30010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17") (WT: 29)	29	SY	483.000
01019	526E90030	TYPE C INSTALLATION (WT: 29)	29	FT	149.000
01020	530E00200	SPECIAL - STRUCTURES/PRECONSTRUCTION CONDITION SURVEY (WT: NR)	NR	LS	1.000

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01021		530E00200	SPECIAL - STRUCTURES VIBRATION MONITORING (WT: NR)	NR	LS	1.000
01022		601E21001	CONCRETE SLOPE PROTECTION, AS PER PLAN (WT: 35)	35	SY	18.000
01023		855E00010	POST-TENSIONING STRAND TENDON (WT: 54)	54	LB	12,136.000
01024		869E00101	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, AS PER PLAN (WT: 21)	21	EACH	100.000
01025		894E10000	THERMAL INTEGRITY PROFILING (TIP) TEST (WT: 28)	28	EACH	12.000

Section 0036 STRUCTURE OVER 20 FOOT SPAN (CUY-90-1653L | SFN-1807901 | BRIDGE 10)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01026		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01027		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	112.000
01028		202E32800	CONCRETE SLOPE PROTECTION REMOVED (WT: NR)	NR	SY	300.000
01029		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
01030		503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	21	LS	1.000
01031		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
01032		507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	5,770.000
01033		507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	6,095.000
01034		507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	3,135.000
01035		507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	3,300.000
01036		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	228,033.000
01037		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	4,453.000
01038		509E30040	NO. 6 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	4,606.000
01039		511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	21	EACH	2.000
01040		511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	21	CY	606.000
01041		511E34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 21)	21	CY	111.000
01042		511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	83.000
01043		511E44113	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING, AS PER PLAN (WT: 21)	21	CY	119.000
01044		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	235.000
01045		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	240.000
01046		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	1,005.000
01047		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	18.000
01048		513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	548,522.000

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01049		513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	5,760.000
01050		514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	29,332.000
01051		514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	26	SF	29,332.000
01052		516E10011	ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN (WT: 27)	27	FT	148.000
01053		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	100.000
01054		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	143.000
01055		516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	27	FT	152.000
01056		516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(BEARING: 1'-2" x 1'-5" x 3 1/16", LOAD PLATE: 1'-3" x 1'-6" x 1 1/2" AND 1'-7" x 11" x 1 1/2") (WT: 21)	21	EACH	16.000
01057		516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(BEARING: 1'-6" x 2'-0 1/2" x 3 3/8", BEVELED LOAD PLATE: 1'-7" x 2'-1 1/2") (WT: 21)	21	EACH	8.000
01058		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	147.000
01059		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	197.000
01060		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	59.000
01061		523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	3.000
01062		523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	3.000
01063		526E30011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN (WT: 29)	29	SY	504.000
01064		526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	29	FT	152.000
01065		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	1,263.000

Section 0037 STRUCTURE OVER 20 FOOT SPAN (CUY-90-1653R | SFN-1807804 | BRIDGE 11)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01066		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01067		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	477.000
01068		202E32800	CONCRETE SLOPE PROTECTION REMOVED (WT: NR)	NR	SY	2,410.000
01069		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
01070		503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	21	LS	1.000
01071		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
01072		507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	4,655.000
01073		507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	4,900.000
01074		507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	3,200.000

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01075	507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	3,360.000
01076	509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	183,054.000
01077	509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	4,410.000
01078	509E30040	NO. 6 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	4,604.000
01079	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	21	EACH	2.000
01080	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	21	CY	505.000
01081	511E34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 21)	21	CY	110.000
01082	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	60.000
01083	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	74.000
01084	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	165.000
01085	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	160.000
01086	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	932.000
01087	512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	12.000
01088	513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	449,346.000
01089	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	4,620.000
01090	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	25,014.000
01091	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	26	SF	25,014.000
01092	516E10011	ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN (WT: 27)	27	FT	130.000
01093	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	181.000
01094	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	130.000
01095	516E14000	PREFORMED EXPANSION JOINT FILLER, MISC.:4" THICK (WT: NR)	NR	SF	10.000
01096	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	27	FT	128.000
01097	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(BEARING: 1'-0 1/2" x 1'-5" x 3", LOAD PLATE: 1'-1 1/2" x 1'-6" x 1 1/2" AND 1'-7" x 11" x 1 1/2") (WT: 21)	21	EACH	14.000
01098	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(BEARING: 1'-5" x 2'-0 1/2" x 3 1/8", BEVELED LOAD PLATE: 1'-6" x 2'-1 1/2") (WT: 21)	21	EACH	7.000
01099	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	98.000
01100	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	170.000
01101	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	35.000
01102	523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	3.000

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01103		523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	3.000
01104		526E30011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN (WT: 29)	29	SY	422.000
01105		526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	29	FT	131.000
01106		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	972.000

Section 0038 STRUCTURE OVER 20 FOOT SPAN (CUY-90-1652S | SFN-1807806 | BRIDGE 12)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01107		203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	06	CY	566.000
01108		204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	06	CY	81.000
01109		204E50000	GEOTEXTILE FABRIC (WT: 06)	06	SY	615.000
01110		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
01111		503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	34	CY	943.000
01112		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
01113		507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	4,120.000
01114		507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	4,440.000
01115		507E00700	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	2,370.000
01116		507E00750	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	2,580.000
01117		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	273,631.000
01118		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	18,062.000
01119		511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	21	EACH	2.000
01120		511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	21	CY	572.000
01121		511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	21	CY	175.000
01122		511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	106.000
01123		511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	161.000
01124		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	361.000
01125		511E53012	CLASS QC2 CONCRETE, MISC.:MOMENT SLAB AND RAILING WITH QC/QA (WT: 21)	21	CY	13.000
01126		512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	149.000
01127		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	1,961.000
01128		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	35.000
01129		513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	1,073,134.000
01130		513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	4,992.000
01131		514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	45,370.000

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01132		514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	26	SF	45,370.000
01133		516E10011	ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN (WT: 27)	27	FT	71.000
01134		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	17.000
01135		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: 27)	27	SF	304.000
01136		516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	27	FT	132.000
01137		518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 21)	21	SY	134.000
01138		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	52.000
01139		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	167.000
01140		518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	NR	FT	16.000
01141		523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	4.000
01142		523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	4.000
01143		526E30011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN (WT: 29)	29	SY	223.000
01144		526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	29	FT	70.000
01145		601E21001	CONCRETE SLOPE PROTECTION, AS PER PLAN (WT: 35)	35	SY	212.000
01146		840E23001	SELECT GRANULAR BACKFILL, AS PER PLAN (WT: 34)	34	CY	513.000
01147		863E00100	GEOGRID, TYPE P1 (WT: 06)	06	SY	2,276.000
01148		869E00101	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS, AS PER PLAN (WT: 21)	21	EACH	16.000

Section 0039 STRUCTURE OVER 20 FOOT SPAN (CUY-90-1678 | SFN-1807839 | BRI DGE 13)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01149		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01150		202E11501	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	19	EACH	8.000
01151		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	678.000
01152		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000
01153		503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 53)	53	CY	11,081.000
01154		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
01155		506E11101	STATIC LOAD TEST, AS PER PLAN (WT: 53)	53	LS	1.000
01156		507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	22,230.000
01157		507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	24,040.000
01158		507E00700	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	6,935.000
01159		507E00750	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	7,300.000
01160		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	711,695.000
01161		511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	21	CY	910.000

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01162	511E34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 21)	21	CY	259.000
01163	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	129.000
01164	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	1,696.000
01165	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	1,471.000
01166	511E51513	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK, AS PER PLAN (WT: 21)	21	CY	484.000
01167	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, ABUTMENT (WT: NR)	NR	SF	13,047.000
01168	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, PIER (WT: NR)	NR	SF	3,218.000
01169	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, PLANTER AESTHETIC TREATMENT (WT: NR)	NR	SF	1,532.000
01170	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, RAILING LETTERING (WT: NR)	NR	SF	295.000
01171	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	656.000
01172	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	57	SY	3,848.000
01173	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	1,947.000
01174	512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	32.000
01175	512E33010	TYPE 3 WATERPROOFING (WT: 40)	40	SY	1,727.000
01176	513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	1,924,400.000
01177	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	8,656.000
01178	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	87,648.000
01179	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	26	SF	87,648.000
01180	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	27	FT	251.000
01181	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	736.000
01182	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(1'-8" W X 0'-10" L X 2.65" T) (WT: 27)	27	EACH	14.000
01183	516E44301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(1'-8" W X 1'-5" L X 4.09" T) (WT: 27)	27	EACH	14.000
01184	516E44401	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(2'-5" W X 2'-2" L X 5.69" T) (WT: 27)	27	EACH	14.000
01185	518E12200	SCUPPERS, INCLUDING SUPPORTS (WT: 29)	29	EACH	8.000
01186	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	1,035.000
01187	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	697.000

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01188		518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	NR	FT	33.000
01189		518E43301	6" PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	NR	FT	304.000
01190		518E62100	STRUCTURE DRAINAGE, MISC.:4" NON-PERFORATED PVC PIPE,INCLUDING SPECIALS (WT: 29)	29	FT	53.000
01191		518E62100	STRUCTURE DRAINAGE, MISC.:4" PERFORATED PVC PIPE (WT: 29)	29	FT	406.000
01192		518E62100	STRUCTURE DRAINAGE, MISC.:6" NON-PERFORATED PVC DRAIN PIPE, INCLUDING SPECIALS (WT: 29)	29	FT	176.000
01193		523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	4.000
01194		523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	4.000
01195		526E30010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17") (WT: 29)	29	SY	394.000
01196		526E90010	TYPE A INSTALLATION (WT: 29)	29	FT	244.000
01197		530E00200	SPECIAL - STRUCTURES PRECONSTRUCTION CONDITION SURVEY (WT: NR)	NR	LS	1.000
01198		530E00400	SPECIAL - STRUCTURES SOLLARD ANCHORAGE (WT: NR)	NR	EACH	280.000
01199		530E14000	SPECIAL - STRUCTURAL SURVEY AND MONITORING OF VIBRATION (WT: NR)	NR	LS	1.000
01200		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	1,092.000
01201		607E39911	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	37	FT	319.000
01202		625E10615	LIGHT POLE ANCHOR BOLTS ON STRUCTURE, AS PER PLAN (WT: 43)	43	EACH	28.000
01203		625E25920	CONDUIT, MISC.:12" GAS CONDUIT INSTALLATION (WT: 43)	43	FT	268.000
01204		625E25920	CONDUIT, MISC.:AT&T 4" CONDUIT INSTALLATION (WT: 43)	43	FT	2,144.000
01205		625E25920	CONDUIT, MISC.:CEI 4" CONDUIT INSTALLATION (WT: 43)	43	FT	3,216.000
01206		625E25920	CONDUIT, MISC.:CPP 4" CONDUIT INSTALLATION (WT: 43)	43	FT	2,412.000
01207		625E98000	LIGHTING, MISC.:PEDESTRIAN POLE ANCHORAGE (WT: 43)	43	EACH	24.000
01208		690E50600	SPECIAL - BOLLARD (WT: NR)	NR	EACH	70.000
01209		690E98000	SPECIAL - ROLLER SUPPORTS (GAS LINE) (WT: NR)	NR	EACH	29.000
01210		690E98000	SPECIAL - UTILITY SUPPORTS (AT&T DUCTS) (WT: NR)	NR	EACH	29.000
01211		690E98000	SPECIAL - UTILITY SUPPORTS (CEI DUCTS) (WT: NR)	NR	EACH	29.000
01212		690E98000	SPECIAL - UTILITY SUPPORTS (CPP DUCTS) (WT: NR)	NR	EACH	29.000
01213		690E98000	SPECIAL - UTILITY SUPPORTS (WATER LINE) (WT: NR)	NR	EACH	27.000

Section 0040 STRUCTURE OVER 20 FOOT SPAN (CUY-90-1696 | SFN-1807898 | BRI DGE 14)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01214		202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01215		503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 53)	53	CY	10,842.000
01216		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000

Project Number: 250425

01217	506E11101	STATIC LOAD TEST, AS PER PLAN (WT: 53)	53	LS	1.000
01218	507E00400	STEEL PILES, MISC.:SOLIDER PILES HP16x101 (WT: 34)	34	FT	490.000
01219	507E00700	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	19,735.000
01220	507E00750	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	53	FT	20,910.000
01221	509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	742,913.000
01222	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	21	EACH	800.000
01223	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	21	CY	1,320.000
01224	511E34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 21)	21	CY	137.000
01225	511E42012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	307.000
01226	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	835.000
01227	511E45602	CLASS QC4 MASS CONCRETE, SUBSTRUCTURE WITH QC/QA (WT: 21)	21	CY	794.000
01228	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	738.000
01229	511E51513	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK, AS PER PLAN (WT: 21)	21	CY	242.000
01230	511E53010	CLASS QC1 CONCRETE, MISC.:CONCRETE FACING (WT: 21)	21	CY	243.000
01231	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, ABUTMENT (WT: NR)	NR	SF	13,986.000
01232	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, PIER (WT: NR)	NR	SF	5,945.000
01233	511E71200	CONCRETE, MISC.:ARCHITECTURAL TREATMENT, RAILING (WT: NR)	NR	SF	2,851.000
01234	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN(PERMANENT GRAFFITI PROTECTION) (WT: 57)	57	SY	688.000
01235	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	57	SY	2,142.000
01236	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	2,563.000
01237	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN(SOLDIER PILE STRUT AND WALER) (WT: 24)	24	LB	13,000.000
01238	513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	4,419,100.000
01239	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	8,872.000
01240	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	157,200.000
01241	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	26	SF	157,200.000
01242	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	27	FT	145.000
01243	516E12400	SPECIAL - MODULAR EXPANSION JOINT (WT: 27)	27	FT	173.000
01244	516E42000	ELASTOMERIC BEARING PAD, MISC.:6" x 9" x 3/8" THICK (WT: 21)	21	EACH	130.000
01245	518E12200	SCUPPERS, INCLUDING SUPPORTS (WT: 29)	29	EACH	8.000
01246	518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 21)	21	SY	888.000

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01247	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	618.000
01248	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	907.000
01249	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	658.000
01250	518E43300	6" PIPE DOWNSPOUT, INCLUDING SPECIALS (WT: NR)	NR	FT	185.000
01251	523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	NR	EACH	4.000
01252	523E20501	RESTRIKE, AS PER PLAN (WT: NR)	NR	EACH	2.000
01253	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	28	FT	238.000
01254	524E94901	DRILLED SHAFTS, 48" DIAMETER, AS PER PLAN (WT: 28)	28	FT	4,750.000
01255	524E95100	DRILLED SHAFTS, MISC.:48" DIAMETER, THROUGH OBSTRUCTIONS (WT: 28)	28	EACH	2.000
01256	524E95100	DRILLED SHAFTS, MISC.:BI DIRECTIONAL TESTING OF DRILLED SHAFTS (WT: 28)	28	EACH	2.000
01257	524E95100	DRILLED SHAFTS, MISC.:CSL TESTING, 48" DIA. SHAFT (WT: 28)	28	EACH	1.000
01258	524E95100	DRILLED SHAFTS, MISC.:DEMONSTRATION DRILLED SHAFT (WT: 28)	28	EACH	1.000
01259	524E95100	DRILLED SHAFTS, MISC.:HIGH STRAIN DYNAMIC TESTING OF DRILLED SHAFTS (WT: 28)	28	EACH	3.000
01260	526E30010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17") (WT: 29)	29	SY	592.000
01261	530E00200	SPECIAL - STRUCTURES PRECONSTRUCTION/POST CONSTRUCTION CONDITION SURVEY (WT: NR)	NR	LS	1.000
01262	530E00200	SPECIAL - STRUCTURES VIBRATION MONITORING (WT: NR)	NR	LS	1.000
01263	530E00600	SPECIAL - STRUCTURES PERMANENT SHORING PRECAST CONCRETE LAGGING (WT: 34)	34	SF	1,349.000
01264	530E00600	SPECIAL - STRUCTURES PERMANENT SHORING TIMBER LAGGING (WT: 34)	34	SF	1,516.000
01265	607E39910	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC (WT: 37)	37	FT	1,180.000
01266	625E25920	CONDUIT, MISC.:12" GAS CONDUIT INSTALLATION (WT: 43)	43	FT	478.000
01267	625E25920	CONDUIT, MISC.:AT&T 4" CONDUIT INSTALLATION (WT: 43)	43	FT	2,863.000
01268	625E25920	CONDUIT, MISC.:CEI 4" CONDUIT INSTALLATION (WT: 43)	43	FT	5,726.000
01269	625E25920	CONDUIT, MISC.:CPP 4" CONDUIT INSTALLATION (WT: 43)	43	FT	5,726.000
01270	690E98000	SPECIAL - ROLLER SUPPORTS (GAS LINE) (WT: NR)	NR	EACH	36.000
01271	690E98000	SPECIAL - UTILITY SUPPORTS (AT&T DUCTS) (WT: NR)	NR	EACH	29.000
01272	690E98000	SPECIAL - UTILITY SUPPORTS (CEI DUCTS) (WT: NR)	NR	EACH	29.000
01273	690E98000	SPECIAL - UTILITY SUPPORTS (CPP DUCTS) (WT: NR)	NR	EACH	29.000
01274	690E98000	SPECIAL - UTILITY SUPPORTS (WATER LINE) (WT: NR)	NR	EACH	31.000
01275	866E00101	GROUND ANCHOR, AS PER PLAN 159 KIP MAX LOAD TEST (SOLIDER PILE AND LAGGING WALL) (WT: 33)	33	EACH	14.000

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01276		866E00101	GROUND ANCHOR, AS PER PLAN 159 KIP MAX LOAD TEST (TANGENT WALL) (WT: 33)	33	EACH	100.000
01277		866E00400	PERFORMANCE TEST (WT: 33)	33	EACH	6.000
01278		866E00500	EXTENDED CREEP TEST (WT: NR)	NR	EACH	6.000
01279		869E00100	HIGH LOAD MULTI-ROTATIONAL (HLMR) BEARINGS (WT: 21)	21	EACH	30.000

Section 0041 STRUCTURE OVER 20 FOOT SPAN (CUY-90-1640 | SFN-1807773 | BRIDGE E5)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01280		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01281		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	620.000
01282		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 53)	53	LS	1.000

Section 0042 STRUCTURE OVER 20 FOOT SPAN (CUY-77-1593L | SFN-1806939 | BRIDGE E6)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01283		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01284		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	255.000

Section 0043 STRUCTURE OVER 20 FOOT SPAN (CUY-E14th-0002SN | SFN-1806912 | BRIDGE E10)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01285		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
01286		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	134.000

Section 0044 INCIDENTALS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
01287		100E51100	DEPARTMENT'S SHARE OF THE DISPUTE RESOLUTION BOARD (WT: NR)	NR	EACH	210,000.000
01288		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	NR	LS	1.000
01289		108E10000	CPM PROGRESS SCHEDULE (WT: NR)	NR	LS	1.000
01290		111E10100	SPECIAL - DEPARTMENTS SHARE FACILITATED PARTNERING COSTS (WT: NR)	NR	EACH	21,000.000
01291		614E11000	MAINTAINING TRAFFIC (WT: 39)	39	LS	1.000
01292		619E16021	FIELD OFFICE, TYPE C, AS PER PLAN (WT: NR)	NR	MNTH	72.000
01293		623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	NR	LS	1.000
01294		624E10000	MOBILIZATION (WT: NR)	NR	LS	1.000

General Decision Number: OH20250001 07/25/2025

Superseded General Decision Number: OH20240001

State: Ohio

Construction Types: Heavy and Highway

Counties: Ohio Statewide.

Heavy and Highway Construction Projects

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the

Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/03/2025
1	02/07/2025
2	02/14/2025
3	02/28/2025
4	03/07/2025
5	03/14/2025
6	04/25/2025
7	05/02/2025
8	05/09/2025
9	05/16/2025
10	05/30/2025
11	06/06/2025
12	06/27/2025
13	07/11/2025
14	07/18/2025
15	07/25/2025

BROH0001-001 06/01/2024

DEFIANCE, FULTON (Excluding Fulton, Amboy & Swan Creek Townships), HENRY (Excluding Monroe, Bartlow, Liberty, Washington, Richfield, Marion, Damascus & Townships & that part of Harrison Township outside corporate limits of city of Napoleon), PAULDING, PUTNAM and WILLIAMS COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0001-004 06/01/2023

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 32.40	19.30

BROH0003-002 06/01/2024

FULTON (Townships of Amboy, Swan Creek & Fulton), HENRY

(Townships of Washington, Damascus, Richfield, Bartlow, Liberty, Harrison, Monroe, & Marion), LUCAS and WOOD (Townships of Perrysburg, Ross, Lake, Troy, Freedom, Montgomery, Webster, Center, Portage, Middleton, Plain, Liberty, Henry, Washington, Weston, Milton, Jackson & Grand Rapids) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0005-003 06/01/2020

CUYAHOGA, LORAIN & MEDINA (Hinckley, Granger, Brunswick, Liverpool, Montville, York, Homer, Harrisville, Chatham, Litchfield & Spencer Townships and the city of Medina)

	Rates	Fringes
BRICKLAYER		
BRICKLAYERS; CAULKERS;		
CLEANERS; POINTERS; &		
STONEMASONS.....	\$ 36.64	17.13
SANDBLASTERS.....	\$ 36.39	17.13
SEWER BRICKLAYERS & STACK		
BUILDERS.....	\$ 36.64	17.13
SWING SCAFFOLDS.....	\$ 37.14	17.13

BROH0006-005 06/01/2024

CARROLL, COLUMBIANA (Knox, Butler, West & Hanover Townships), STARK & TUSCARAWAS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0007-002 06/01/2024

LAWRENCE

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0007-005 06/01/2023

PORTAGE & SUMMIT

	Rates	Fringes
BRICKLAYER.....	\$ 32.40	19.30

BROH0007-010 06/01/2024		

PORTAGE & SUMMIT

	Rates	Fringes
MASON - STONE.....	\$ 33.39	20.06

BROH0008-001 06/01/2024		

COLUMBIANA (Salem, Perry, Fairfield, Center, Elk Run, Middleton, & Unity Townships and the city of New Waterford),
MAHONING & TRUMBULL

	Rates	Fringes
BRICKLAYER.....	\$ 33.39	20.06

BROH0009-002 06/01/2024		

BELMONT & MONROE COUNTIES and the Townships of Warren & Mt. Pleasant and the Village of Dillonvale in JEFFERSON COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06
Refractory.....	\$ 31.45	19.01

BROH0010-002 06/01/2024		

COLUMBIANA (St. Clair, Madison, Wayne, Franklin, Washington, Yellow Creek & Liverpool Townships) & JEFFERSON (Brush Creek & Saline Townships)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0014-002 06/01/2024		

HARRISON & JEFFERSON (Except Mt. Pleasant, Warren, Brush Creek, Saline & Salineville Townships & the Village of Dillonvale)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0016-002 06/01/2023		

ASHTABULA, GEAUGA, and LAKE COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.40	19.30

BROH0018-002 06/01/2024		

BROWN, BUTLER, CLERMONT, HAMILTON, PREBLE (Gasper, Dixon, Israel, Lanier, Somers & Gratis Townships) & WARREN COUNTIES:

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0022-004 06/01/2024		

CHAMPAIGN, CLARK, CLINTON, DARKE, GREENE, HIGHLAND, LOGAN, MIAMI, MONTGOMERY, PREBLE (Jackson, Monroe, Harrison, Twin, Jefferson & Washington Townships) and SHELBY COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0032-001 06/01/2024		

GALLIA & MEIGS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0035-002 06/01/2024		

ALLEN, AUGLAIZE, MERCER and VAN WERT COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0039-002 06/01/2024

ADAMS & SCIOTO

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0040-003 06/01/2024

ASHLAND, CRAWFORD, HARDIN, HOLMES, MARION, MORROW, RICHLAND,
WAYNE and WYANDOT (Except Crawford, Ridge, Richland & Tymochtee
Townships) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

FOOTNOTE: Layout Man and Sawman rate: \$1.00 per hour above
journeyman rate.
Free standing stack work ground level to top of stack;
Sandblasting and laying of carbon masonry material in swing
stage and/or scaffold; Ramming and spading of plastics and
gunniting: \$1.50 per hour above journeyman rate.
""Hot"" work: \$2.50 above journeyman rate.

BROH0044-002 06/01/2024

	Rates	Fringes
Bricklayer, Stonemason COSHOCOTON, FAIRFIELD, GUERNSEY, HOCKING, KNOX, KICKING, MORGAN, MUSKINGUM, NOBLE (Beaver, Buffalo, Seneca & Wayne Townships) & PERRY COUNTIES:.....	\$ 33.39	20.06

BROH0045-002 06/01/2023

FAYETTE, JACKSON, PIKE, ROSS and VINTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 35.39	17.47

BROH0046-002 06/01/2024

ERIE, HANCOCK, HURON, OTTAWA, SANDUSKY, SENECA, WOOD (Perry & Bloom Townships) and WYANDOT (Tymochtee, Crawford, Ridge & Richland Townships) COUNTIES & the Islands of Lake Erie north of Sandusky

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

FOOTNOTE: Layout Man and Sawman rate: \$1.00 per hour above journeyman rate.

Free standing stack work ground level to top of stack; Sandblasting and laying of carbon masonry material in swing stage and/or scaffold; Ramming and spading of plastics and gunniting: \$1.50 per hour above journeyman rate.

""Hot"" work: \$2.50 above journeyman rate.

BROH0052-001 06/01/2024

ATHENS COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0052-003 06/01/2024

NOBLE (Brookfield, Noble, Center, Sharon, Olive, Enoch, Stock, Jackson, Jefferson & Elk Townships) and WASHINGTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

BROH0055-003 06/01/2024

DELAWARE, FRANKLIN, MADISON, PICKAWAY and UNION COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 33.39	20.06

* CARP0002-024 05/01/2025

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE,

GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY &
WARREN

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 35.94	23.59
Diver.....	\$ 40.58	9.69

CARP0171-001 05/01/2025

MAHONING & TRUMBULL

	Rates	Fringes
CARPENTER.....	\$ 33.19	25.02

CARP0171-002 05/01/2025

BELMONT, COLUMBIANA, HARRISON, JEFFERSON & MONROE

	Rates	Fringes
CARPENTER.....	\$ 32.50	26.19

* CARP0200-002 05/01/2025

ADAMS, ATHENS, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA,
GUERNSEY, HIGHLAND, HOCKING, JACKSON, LAWRENCE, LICKING,
MADISON, MARION, MEIGS, MORGAN, MUSKINGUM, NOBLE, PERRY,
PICKAWAY, PIKE, ROSS, SCIOTO, UNION, VINTON and WASHINGTON
COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 35.94	23.59
Diver.....	\$ 39.41	10.40
PILEDRIVERMAN.....	\$ 35.94	23.59

CARP0285-001 05/01/2025

CARROLL, STARK, TUSCARAWAS and WAYNE

	Rates	Fringes
CARPENTER.....	\$ 34.07	24.28

CARP0285-002 05/01/2025

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
CARPENTER.....	\$ 33.38	24.69

CARP0285-008 05/01/2025

MEDINA, PORTAGE & SUMMIT

	Rates	Fringes
CARPENTER.....	\$ 37.18	25.07

CARP0351-005 05/01/2025

LUCAS & WOOD

	Rates	Fringes
CARPENTER.....	\$ 35.44	27.56

CARP0351-006 05/01/2025

	Rates	Fringes
CARPENTER DEFIANCE, FULTON, HANCOCK, HENRY, PAULDING & WILLIAMS COUNTIES.....	\$ 32.05	26.13

CARP0372-002 05/01/2025

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM & VAN WERT

	Rates	Fringes
CARPENTER.....	\$ 31.80	26.33

CARP0435-005 05/01/2025

ASHTABULA, CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
CARPENTER.....	\$ 38.57	24.64

CARP0735-001 05/01/2025

ASHLAND, HURON & RICHLAND

	Rates	Fringes
CARPENTER.....	\$ 34.67	23.57

CARP0735-002 05/01/2025		

LORAIN

	Rates	Fringes
CARPENTER.....	\$ 38.42	24.01

CARP0735-004 05/01/2025		

ERIE

	Rates	Fringes
CARPENTER.....	\$ 36.71	24.14

CARP0744-001 05/01/2025		

CRAWFORD, OTTAWA, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
CARPENTER.....	\$ 33.74	27.05

* CARP1090-002 05/01/2025		

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM, VAN WERT & WYANDOT

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 35.82	28.51

DIVERS - \$250.00 per day		

CARP1090-003 05/01/2025		

BELMONT, HARRISON, & MONROE

	Rates	Fringes
Diver, Wet.....	\$ 58.52	24.91
Piledrivermen; Diver, Dry.....	\$ 39.01	24.91

CARP1090-004 05/01/2025		

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
Diver, Wet.....	\$ 49.82	25.40
Piledrivermen; Diver, Dry.....	\$ 33.21	25.40

CARP1090-005 05/01/2025

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE,
LORAIN, MEDINA, PORTAGE, RICHLAND & SUMMIT

	Rates	Fringes
Diver, Wet.....	\$ 54.51	27.50
Piledrivermen; Diver, Dry.....	\$ 36.34	27.50

CARP1090-006 05/01/2025

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
Diver, Wet.....	\$ 54.36	22.54
Piledrivermen; Diver, Dry.....	\$ 36.24	22.54

CARP1090-007 05/01/2025

MAHONING & TRUMBULL

	Rates	Fringes
Diver, Wet.....	\$ 50.85	24.82
Piledrivermen; Diver, Dry.....	\$ 33.90	24.82

CARP1090-008 05/01/2025

COLUMBIANA & JEFFERSON

	Rates	Fringes
PILEDRIVERMAN.....	\$ 39.01	24.91

CARP1090-009 05/01/2025

CRAWFORD, DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA,
PAULDING, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 37.98	28.63

DIVERS - \$250.00 per day

ELEC0008-002 05/27/2024

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
CABLE SPLICER.....	\$ 38.98	18.96
ELECTRICIAN.....	\$ 48.40	4.5%+23.06

ELEC0032-003 06/01/2025

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY, VAN WERT &
WYANDOT (Crawford, Jackson, Marseilles, Mifflin, Ridgeland,
Ridge & Salem Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 39.17	23.60

ELEC0038-002 04/28/2025

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &
LORAIN (Columbia Township)

	Rates	Fringes
ELECTRICIAN Excluding Sound & Communications Work.....	\$ 46.63	24.92

FOOTNOTES;

- a. 6 Paid Holidays: New Year's Day; Memorial Day; July 4th;
Labor Day; Thanksgiving Day; & Christmas Day
- b. 1 week's paid vacation for 1 year's service; 2 weeks' paid
vacation for 2 or more years' service

ELEC0038-008 04/28/2025

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &

LORAIN (Columbia Township)

	Rates	Fringes
Sound & Communication Technician		
Communications Technician...	\$ 34.30	14.95
Installer Technician.....	\$ 33.05	14.91

FOOTNOTES;

- a. 6 Paid Holidays: New Year's Day; Memorial Day; July 4th; Labor Day; Thanksgiving Day; & Christmas Day
- b. 1 week's paid vacation for 1 year's service; 2 weeks' paid vacation for 2 or more years' service

ELEC0064-003 11/25/2024

COLUMBIANA (Butler, Fairfield, Perry, Salem & Unity Townships)
MAHONING (Austintown, Beaver, Berlin, Boardman, Canfield, Ellsworth, Coitsville, Goshen, Green, Jackson, Poland, Springfield & Youngstown Townships), & TRUMBULL (Hubbard & Liberty Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 39.80	21.03

ELEC0071-005 01/06/2025

ASHTABULA, CUYAHOGA, GEAUGA, LAKE & LORAIN

	Rates	Fringes
LINE CONSTRUCTION: Equipment Operator		
DOT/Traffic Signal & Highway Lighting Projects...	\$ 39.97	27%+8.00
Municipal Power/Transit Projects.....	\$ 49.46	27%+8.25
LINE CONSTRUCTION: Groundman		
DOT/Traffic Signal & Highway Lighting Projects...	\$ 31.10	27%+8.00
Municipal Power/Transit Projects.....	\$ 38.47	27%+8.25
LINE CONSTRUCTION: Linemen/Cable Splicer		
DOT/Traffic Signal &		

Highway Lighting Projects...	\$ 43.89	27%+8.00
Municipal Power/Transit Projects.....	\$ 54.96	27%+8.25

ELEC0071-010 01/06/2025

Statewide

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 40.44	4%+16.09
Groundman.....	\$ 29.07	4%+13.81
Lineman & Cable Splicers....	\$ 46.02	4%+17.20

ELEC0082-002 12/02/2024

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
(Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 38.00	22.49

* ELEC0082-006 11/25/2024

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
(Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
Sound & Communication Technician		
Cable Puller.....	\$ 13.85 **	5.30
Installer/Technician.....	\$ 27.70	15.71

ELEC0129-003 02/24/2025

LORAIN (Except Columbia Township) & MEDINA (Litchfield &
Liverpool Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 42.95	18.81

ELEC0129-004 02/24/2025

ERIE & HURON (Lyme, Ridgefield, Norwalk, Townsend, Wakeman, Sherman, Peru, Bronson, Hartland, Clarksfield, Norwich, Greenfield, Fairfield, Fitchville & New London Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 42.95	18.81

ELEC0141-003 06/02/2024

BELMONT COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 42.94	27.74
ELECTRICIAN.....	\$ 39.04	27.62

ELEC0212-003 11/26/2018

BROWN, CLERMONT & HAMILTON

	Rates	Fringes
Sound & Communication Technician.....	\$ 24.35	10.99

ELEC0212-005 06/02/2025

BROWN, CLERMONT, and HAMILTON COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 38.05	22.97

ELEC0245-001 08/26/2024

ALLEN, HARDIN, VAN WERT & WYANDOT (Crawford, Jackson, Marseilles, Mifflin, Richland, Ridge & Salem Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 32.95	28%+7.85
Groundman Truck Driver.....	\$ 20.59	28%+7.85
Lineman.....	\$ 47.07	28%+7.85

FOOTNOTE: a. Half day's Paid Holiday: The last 4 hours of the workday prior to Christmas or New Year's Day

ELEC0245-003 01/01/2025

DEFIANCE, FULTON, HANCOCK, HENRY, HURON, LUCAS, OTTAWA,
PAULDING, PUTNAM, SANDUSKY, SENECA, WILLIAMS, and WOOD COUNTIES

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 53.90	8.10+28%
Groundman/Truck Driver.....	\$ 20.51	8.10+28%
Heli-arc Welding.....	\$ 47.17	8.10+28%
Lineman.....	\$ 46.87	8.10+28%
Operator - Class 1.....	\$ 37.50	8.10+28%
Operator - Class 2.....	\$ 32.81	8.10+28%
Traffic Signal & Lighting Technician.....	\$ 42.18	8.10+28%

FOOTNOTE: a. 6 Observed Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; & Christmas Day. Employees who work on a holiday shall be paid at a rate of double their applicable classified straight-time rates for the work performed on such holiday.

ELEC0245-004 01/01/2025

ERIE COUNTY

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 53.90	28%+8.10
Groundman/Truck Driver.....	\$ 20.51	28%+8.10
Lineman.....	\$ 46.87	28%+8.10
Operator - Class 1.....	\$ 37.50	28%+8.10
Operator - Class 2.....	\$ 32.81	28%+8.10

FOOTNOTE: a. 6 Observed Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; & Christmas Day. Employees who work on a holiday shall be paid at a rate of double their applicable classified straight-time rates for the work performed on such holiday.

ELEC0246-001 10/28/2024

Carroll, Columbiana, Harrison and Jefferson Counties in Ohio;

Brooke and Hancock Counties in West Virginia.

	Rates	Fringes
ELECTRICIAN.....	\$ 44.00	30.38%+24.31

FOOTNOTE: a. 1 1/2 Paid Holidays: The last scheduled workday prior to Christmas & 4 hours on Good Friday.

ELEC0306-005 05/27/2024

MEDINA (Brunswick, Chatham, Granger, Guilford, Harrisville, Hinckley, Homer, Lafayette, Medina, Montville, Sharon, Spencer, Wadsworth, Westfield & York Townships), PORTAGE (Atwater, Aurora, Brimfield, Deerfield, Franklin, Mantua, Randolph, Ravenna, Rootstown, Shalersville, Streetsboro & Suffield Townships), SUMMIT & WAYNE (Baughman, Canaan, Chester, Chippewa, Congress, Green, Milton, & Wayne Townships)

	Rates	Fringes
CABLE SPLICER.....	\$ 46.81	20.95
ELECTRICIAN.....	\$ 42.55	20.95

ELEC0317-002 05/29/2023

GALLIA & LAWRENCE

	Rates	Fringes
CABLE SPLICER.....	\$ 32.68	18.13
ELECTRICIAN.....	\$ 37.15	28.48

ELEC0540-005 12/30/2024

CARROLL (Northern half, including Fox, Harrison, Rose & Washington Townships), COLUMBIANA (Knox Township), HOLMES, MAHONING (Smith Township), STARK, TUSCARAWAS (North of Auburn, Clay, Rush & York Townships), and WAYNE (South of Baughman, Chester, Green & Wayne Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 38.87	28.87

ELEC0573-003 06/01/2025

ASHTABULA (Colebrook, Wayne, Williamsfield, Orwell & Windsor Townships), GEAUGA (Auburn, Middlefield, Parkman & Troy Townships), MAHONING (Milton Township), PORTAGE (Charlestown, Edinburg, Freedom, Hiram, Nelson, Palmyra, Paris & Windham Townships), and TRUMBULL (Except Liberty & Hubbard Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 42.20	23.37

ELEC0575-001 05/29/2023		

ADAMS, FAYETTE, HIGHLAND, HOCKING, JACKSON (Bloomfield, Franklin, Hamilton, Jefferson, Lick, Madison, Scioto, Coal, Jackson, Liberty, Milton & Washington Townships), PICKAWAY (Deer Creek, Perry, Pickaway, Salt Creek & Wayne Townships), PIKE (Beaver, Benton, Jackson, Mifflin, Pebble, PeePee, Perry, Seal, Camp Creek, Newton, Scioto, Sunfish, Union & Marion Townships), ROSS, SCIOTO & VINTON (Clinton, Eagle, Elk, Harrison, Jackson, Richland & Swan Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 37.00	22.26

ELEC0648-001 08/26/2024		

BUTLER and WARREN COUNTIES (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union & Washington Townships)

	Rates	Fringes
CABLE SPLICER.....	\$ 30.50	18.23
ELECTRICIAN.....	\$ 36.00	23.06

ELEC0673-004 12/30/2024		

ASHTABULA (Excluding Orwell, Colebrook, Williamsfield, Wayne & Windsor Townships), GEAUGA (Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury & Thompson Townships) and LAKE COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 33.81	21.47

ELECTRICIAN.....	\$ 39.47	24.02
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ELEC0683-002 05/27/2024

CHAMPAIGN, CLARK, DELAWARE, FAIRFIELD, FRANKLIN, MADISON,
PICKAWAY (Circleville, Darby, Harrison, Jackson, Madison,
Monroe, Muhlenberg, Scioto, Walnut & Washington Townships), and
UNION COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 41.50	24.19
ELECTRICIAN.....	\$ 40.50	25.20

ELEC0688-003 05/30/2022

ASHLAND, CRAWFORD, HURON (Richmond, New Haven, Ripley &
Greenwich Townships), KNOX (Liberty, Clinton, Union, Howard,
Monroe, Middleberry, Morris, Wayne, Berlin, Pike, Brown &
Jefferson Townships), MARION, MORROW, RICHLAND and WYANDOT
(Sycamore, Crane, Eden, Pitt, Antrim & Tymochtee Townships)
COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 32.30	21.83

ELEC0972-002 06/01/2024

ATHENS, MEIGS, MONROE, MORGAN, NOBLE, VINTON (Brown, Knox,
Madison, Vinton & Wilkesville Townships), and WASHINGTON
COUNITIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.25	33.33
ELECTRICIAN.....	\$ 40.00	33.32

ELEC1105-001 05/27/2024

COSHOCTON, GUERNSEY, KNOX (Jackson, Clay, Morgan, Miller,
Milford, Hilliar, Butler, Harrison, Pleasant & College
Townships), LICKING, MUSKINGUM, PERRY, and TUSCARAWAS (Auburn,
York, Clay, Jefferson, Rush, Oxford, Washington, Salem, Perry &
Bucks Townships) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 39.60	24.41

 ENGI0018-003 05/01/2024

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN, MEDINA,
 PORTAGE, and SUMMIT COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 45.63	16.41
GROUP 2.....	\$ 45.53	16.41
GROUP 3.....	\$ 44.49	16.41
GROUP 4.....	\$ 43.27	16.41
GROUP 5.....	\$ 37.98	16.41
GROUP 6.....	\$ 46.63	16.41
GROUP 7.....	\$ 46.63	16.41

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Hydraulic Gantry (Lifting System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; Wheel Excavator; and Asphalt Plant Engineer (Cleveland District Only).

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine,

Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Horizontal Directional Drill (Over 50,000 ft lbs thrust); Hydro Milling Machine; Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); Vermeer type Concrete Saw; and Maintenance Operators (Portage and Summit Counties Only).

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer (Portage and Summit Counties Only); Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); Welding Machines; and Railroad Tie Inserter/Remover; Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway); Finishing Machine; Fireperson, Floating Equipment (all types); Forklift; Form Trencher; Hydro Hammer expect masonry; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); and Vibratory Compactor with Integral Power.

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt Plant); Generator; Masonry Fork Lift; Inboard-Outboard Motor Boat Launch; Oil Heater (asphalt plant); Oiler/Helper; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire

Repairperson; VAC/ALLS; Cranes - Compact, track or rubber under 4,000 pound capacity; fueling and greasing; and Chainmen.

GROUP 6 - Master Mechanic & Boom from 150 to 180.

GROUP 7 - Boom from 180 and over.

ENGI0018-004 05/01/2024

ADAMS, ALLEN, ASHLAND, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COSHOCTON, CRAWFORD, DARKE, DEFIANCE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAWRENCE, LICKING, LOGAN, LUCAS, MADISON, MARION, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, and YANDOT COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 44.14	16.41
GROUP 2.....	\$ 44.02	16.41
GROUP 3.....	\$ 42.98	16.41
GROUP 4.....	\$ 41.80	16.41
GROUP 5.....	\$ 36.34	16.41
GROUP 6.....	\$ 45.14	16.41
GROUP 7.....	\$ 45.14	16.41

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - Air Compressor on Steel Erection; Barrier Moving Machine; Boiler Operator on Compressor or Generator when mounted on a Rig; Cableway; Combination Concrete Mixer & Tower; Concrete Plant (over 4 yd. Capacity); Concrete Pump; Crane (All Types, Including Boom Truck, Cherry Picker); Crane-Compact, Track or Rubber over 4,000 lbs. capacity; Cranes-Self Erecting, Stationary, Track or Truck (All Configurations); Derrick; Dragline; Dredge (Dipper, Clam or Suction); Elevating Grader or Euclid Loader; Floating Equipment (All Types); Gradall; Helicopter Crew (Operator-Hoist or Winch); Hoe (all types); Hoisting Engine on Shaft or Tunnel Work; Hydraulic Gantry (Lifting

System); Industrial-Type Tractor; Jet Engine Dryer (D8 or D9) Diesel Tractor; Locomotive (Standard Gauge); Maintenance Operator Class A; Mixer, Paving (Single or Double Drum); Mucking Machine; Multiple Scraper; Piledriving Machine (All Types); Power Shovel; Prentice Loader; Quad 9 (Double Pusher); Rail Tamper (with auto lifting & aligning device); Refrigerating Machine (Freezer Operation); Rotary Drill, on Caisson work; Rough Terrain Fork Lift with Winch/Hoist; Side-Boom; Slip-Form Paver; Tower Derrick; Tree Shredder; Trench Machine (Over 24" wide); Truck Mounted Concrete Pump; Tug Boat; Tunnel Machine and/or Mining Machine; and Wheel Excavator.

GROUP 2 - Asphalt Paver; Automatic Subgrader Machine, Self-Propelled (CMI Type); Bobcat Type and/or Skid Steer Loader with Hoe Attachment Greater than 7,000 lbs.; Boring Machine More than 48"; Bulldozer; Endloader; Hydro Milling Machine; Horizontal Directional Drill (over 50,000 ft. lbs. thrust); Kolman-type Loader (production type-Dirt); Lead Greaseman; Lighting & Traffic Signal Installation Equipment (includes all groups or classifications); Material Transfer Equipment (Shuttle Buggy) Asphalt; Pettibone-Rail Equipment; Power Grader; Power Scraper; Push Cat; Rotomill (all), Grinders & Planers of All types; Trench Machine (24" wide & under); and Vermeer type Concrete Saw.

GROUP 3 - A-Frame; Air Compressor on Tunnel Work (low pressure); Asphalt Plant Engineer; Bobcat-type and/or Skid Steer Loader with or without Attachments; Highway Drills (all types); Locomotive (narrow gauge); Material Hoist/Elevator; Mixer, Concrete (more than one bag capacity); Mixer, one bag capacity (Side Loader); Power Boiler (Over 15 lbs. Pressure) Pump Operator installing & operating Well Points; Pump (4" & over discharge); Railroad Tie Insert/Remover; Roller, Asphalt; Rotovator (lime soil stabilizer); Switch & Tie Tampers (without lifting & aligning device); Utility Operator (Small equipment); and Welding Machines; Articulating/straight bed end dumps if assigned (minus \$4.00 per hour).

GROUP 4 - Backfiller; Ballast Re-locator; Bars, Joint & Mesh Installing Machine; Batch Plant; Boring Machine Operator (48" or less); Bull Floats; Burlap & Curing Machine; Concrete Plant (capacity 4 yd. & under); Concrete Saw (Multiple); Conveyor (Highway); Crusher; Deckhand; Farm-type Tractor with attachments (highway); Finishing Machine; Fireperson, Floating Equipment (all types); Fork Lift; Form Trencher; Hydro Hammer except masonry; Hydro Seeder; Pavement Breaker; Plant Mixer; Post Driver; Post Hole Digger (Power Auger); Power Brush Burner; Power Form

Handling Equipment; Road Widening Trencher; Roller (Brick, Grade & Macadam); Self-Propelled Power Spreader; Self-Propelled Power Subgrader; Steam Fireperson; Tractor (Pulling Sheepfoot, Roller or Grader); and Vibratory Compactor with Integral Power.

GROUP 5 - Compressor (Portable, Sewer, Heavy & Highway); Drum Fireperson (Asphalt Plant); Generator; Masonary Forklift; Inboard-Outboard Motor Boat Launch; Oil Heater (asphalt plant); Oiler/Helper; Power Driven Heater; Power Sweeper & Scrubber; Pump (under 4" discharge); Signalperson; Tire Repairperson; VAC/ALLS; Cranes - Compact, track or rubber under 4,000 pound capacity; fueling and greasing; and Chainmen.

GROUP 6 - Master Mechanic & Boom from 150 to 180.

GROUP 7 - Boom from 180 and over.

 ENGI0066-023 06/01/2023

COLUMBIANA, MAHONING & TRUMBULL COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 1 - A & B.....	\$ 44.63	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 2 - A & B.....	\$ 44.30	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 3 - A & B.....	\$ 38.47	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 4 - A & B.....	\$ 34.52	24.30
ASBESTOS; HAZARDOUS/TOXIC		
WASTE PROJECTS		
GROUP 5 - A & B.....	\$ 31.13	24.30
HAZARDOUS/TOXIC WASTE		
PROJECTS		
GROUP 1 - C & D.....	\$ 40.91	24.30
HAZARDOUS/TOXIC WASTE		
PROJECTS		
GROUP 2 - C & D.....	\$ 40.61	24.30
HAZARDOUS/TOXIC WASTE		
PROJECTS		

GROUP 3 - C & D.....\$ 35.27	24.30
HAZARDOUS/TOXIC WASTE PROJECTS	
GROUP 4 - C & D.....\$ 31.65	24.30
HAZARDOUS/TOXIC WASTE PROJECTS	
GROUP 5 - C & D.....\$ 28.53	24.30
ALL OTHER WORK	
GROUP 1.....\$ 37.19	24.30
ALL OTHER WORK	
GROUP 2.....\$ 36.92	24.30
ALL OTHER WORK	
GROUP 3.....\$ 32.06	24.30
ALL OTHER WORK	
GROUP 4.....\$ 28.77	24.30
ALL OTHER WORK	
GROUP 5.....\$ 25.94	24.30

GROUP 1 - Rig, Pile Driver or Caisson Type; & Rig, Pile Hydraulic Unit Attached

GROUP 2 - Asphalt Heater Planer; Backfiller with Drag Attachment; Backhoe; Backhoe with Shear attached; Backhoe-Rear Pivotal Swing; Batch Plant-Central Mix Concrete; Batch Plant, Portable concrete; Berm Builder-Automatic; Boat Derrick; Boat-Tug; Boring Machine Attached to Tractor; Bullclam; Bulldozer; C.M.I. Road Builder & Similar Type; Cable Placer & Layer; Carrier-Straddle; Carryall-Scraper or Scoop; Chicago Boom; Compactor with Blade Attached; Concrete Saw (Vermeer or similar type); Concrete Spreader Finisher; Combination, Bidwell Machine; Crane; Crane-Electric Overhead; Crane-Rough Terrain; Crane-Side Boom; Crane-Truck; Crane-Tower; Derrick-Boom; Derrick-Car; Digger-Wheel (Not trencher or road widener); Double Nine; Drag Line; Dredge; Drill-Kenny or Similar Type; Easy Pour Median Barrier Machine (or similar type); Electromatic; Frankie Pile; Gradall; Grader; Gurry; Self-Propelled; Heavy Equipment Robotics Operator/Mechanic; Hoist-Monorail; Hoist-Stationary & Mobile Tractor; Hoist, 2 or 3 drum; Horizontal Directional Drill Operator; Jackall; Jumbo Machine; Kocal & Kuhlman; Land-Seagoing Vehicle; Loader, Elevating; Loader, Front End; Loader, Skid Steer; Locomotive; Mechanic/Welder; Metro Chip Harvester with Boom; Mucking Machine; Paver-Asphalt Finishing Machine; Paver-Road Concrete; Paver-Slip Form (C.M.I. or similar); Place Crete Machine with Boom; Post Driver (Carrier mounted); Power Driven Hydraulic Pump & Jack (When used in Slip Form or Lift Slab Construction); Pump Crete Machine; Regulator-Ballast; Hydraulic Power Unit not attached to Rig

for Pile Drillings; Rigs-Drilling; Roto Mill or similar Full Lane (8' Wide & Over); Roto Mill or similar type (Under 8'); Shovel; Slip Form Curb Machine; Speedwing; Spikemaster; Stonecrusher; Tie Puller & Loader; Tie Tamper; Tractor-Double Boom; Tractor with Attachments; Truck-Boom; Truck-Tire; Trench Machine; Tunnel Machine (Mark 21 Java or similar); & Whirley (or similar type)

GROUP 3 - Asphalt Plant; Bending Machine (Pipeline or similar type); Boring machine, Motor Driven; Chip Harvester without Boom; Cleaning Machine, Pipeline Type; Coating Machine, Pipeline Type; Compactor; Concrete Belt Placer; Concrete Finisher; Concrete Planer or Asphalt; Concrete Spreader; Elevator; Fork Lift (Home building only); Fork lift & Lulls; Fork Lift Walk Behind (Hoisting over 1 buck high); Form Line Machine; Grease Truck operator; Grout Pump; Gunnite Machine; Horizontal Directional Drill Locator; Single Drum Hoist with or without Tower; Huck Bolting Machine; Hydraulic Scaffold (Hoisting building materials); Paving Breaker (Self-propelled or Ridden); Pipe Dream; Pot Fireperson (Power Agitated); Refrigeration Plant; Road Widener; Roller; Sasgen Derrick; Seeding Machine; Soil Stabilizer (Pump type); Spray Cure Machine, Self-Propelled; Straw Blower Machine; Sub-Grader; Tube Finisher or Broom C.M.I. or similar type; & Tugger Hoist

GROUP 4 - Air Curtain Destructor & Similar Type; Batch Plant-Job Related; Boiler Operator; Compressor; Conveyor; Curb Builder, self-propelled; Drill Wagon; Generator Set; Generator-Steam; Heater-Portable Power; Hydraulic Manipulator Crane; Jack-Hydraulic Power driven; Jack-Hydraulic (Railroad); Ladavator; Minor Machine Operator; Mixer-Concrete; Mulching Machine; Pin Puller; Power Broom; Pulverizer; Pump; Road Finishing Machine (Pull Type); Saw-Concrete-Self-Propelled (Highway Work); Signal Person; Spray Cure Machine-Motor Powered; Stump Cutter; Tractor; Trencher Form; Water Blaster; Steam Jenny; Syphon; Vibrator-Gasoline; & Welding Machine

GROUP 5 - Brakeperson; Fireperson; & Oiler

IRON0017-002 05/01/2024

ASHTABULA (North of Route 6, starting at the Geauga County Line, proceeding east to State Route 45), CUYAHOGA, ERIE (Eastern 2/3), GEauga, HURON (East of a line drawn from the north border through Monroeville & Willard), LAKE, LORAIN, MEDINA (North of Old Rte. #224), PORTAGE (West of a line from Middlefield to Shalersville to Deerfield), and SUMMIT (North of

Old Rte. #224, including city limits of Barberton) COUNTIES

	Rates	Fringes
IRONWORKER		
Ornamental, Reinforcing, & Structural.....	\$ 36.83	29.01

IRON0017-010 05/01/2024

ASHTABULA (Eastern part from Lake Erie on the north to route #322 on the south to include Conneaut, Kingsville, Sheffield, Denmark, Dorset, Cherry Valley, Wayne, Monroe, Pierpont, Richmond, Andover & Williamsfield Townships)

	Rates	Fringes
IRONWORKER		
Structural, including metal building erection & Reinforcing.....	\$ 36.83	29.01

IRON0044-001 06/01/2025

ADAMS (Western Part), BROWN, BUTLER (Southern Part), CLERMONT, CLINTON (South of a line drawn from Blanchester to Lynchburg), HAMILTON, HIGHLAND (Excluding eastern one-fifth & portion of county inside lines drawn from Marshall to Lynchburg from the northern county line through E. Monroe to Marshall) and WARREN (South of a line drawn from Blanchester through Morrow to the west county line) COUNTIES

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 38.27	23.90

IRON0044-002 06/01/2025

CLINTON (South of a line drawn from Blanchester to Lynchburg), HAMILTON, HIGHLAND (Excluding eastern one-fifth & portion of county inside lines drawn from Marshall to Lynchburg from the northern county line through E. Monroe to Marshall) & WARREN (South of a line drawn from Blanchester through Morrow to the west county line)

	Rates	Fringes
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IRONWORKER

Fence Erector.....\$ 33.60	23.90
Ornamental; Structural.....\$ 38.27	23.90

IRON0055-003 07/01/2024

CRAWFORD (Area Between lines drawn from where Hwy #598 & #30 meet through N. Liberty to the northern border & from said Hwy junction point due west to the border), DEFIANCE (S. of a line drawn from where Rte. #66 meets the northern line through Independence to the eastern county border), ERIE (Western 1/3), FULTON, HANCOCK, HARDIN (North of a line drawn from Maysville to a point 4 miles south of the northern line on the eastern line), HENRY, HURON (West of a line drawn from the northern border through Monroeville & Willard), LUCAS, OTTAWA, PUTNAM (East of a line drawn from the northern border down through Miller City to where #696 meets the southern border), SANDUSKY, SENECA, WILLIAMS (East of a line drawn from Pioneer through Stryker to the southern border), WOOD & WYANDOT (North of Rte. #30)

Rates	Fringes
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IRONWORKER

Fence Erector.....\$ 26.40	24.62
Flat Road Mesh.....\$ 29.77	21.30
Tunnels & Caissons Under Pressure.....\$ 29.77	21.30
All Other Work.....\$ 35.50	29.20

IRON0147-002 06/01/2024

ALLEN (Northern half), DEFIANCE (Northern part, excluding south of a line drawn from where Rte. #66 meets the northern line through Independence to the eastern county border), MERCER (Northern half), PAULDING, PUTNAM (Western part, excluding east of a line drawn from the northern border down through Miller City to where #696 meets the southern border), VAN WERT, and WILLIAMS (Western part, excluding east of a line drawn from Pioneer through Stryker to the southern border) COUNTIES

Rates	Fringes
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IRONWORKER.....\$ 34.20	26.39
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IRON0172-002 06/01/2025

CHAMPAIGN (Eastern one-third), CLARK (Eastern one-fourth), COSHOCTON (West of a line beginning at the northwestern county line going through Walhonding & Tunnel Hill to the southern county line), CRAWFORD (South of Rte. #30), DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, HARDIN (Excluding a line drawn from Roundhead to Maysville), HIGHLAND (Eastern one-fifth), HOCKING, JACKSON (Northern half), KNOX, LICKING, LOGAN (Eastern one-third), MADISON, MARION, MORROW, MUSKINGUM (West of a line starting at Adams Mill going to Adamsville & going from Adamsville through Blue Rock to the southern border), PERRY, PICKAWAY, PIKE (Northern half), ROSS, UNION, VINTON and WYANDOT (South of Rte. #30) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 40.87	23.17

IRON0207-004 06/01/2025		

ASHTABULA (Southern part starting at the Geauga County line), COLUMBIANA (E. of a line from Damascus to Highlandtown), MAHONING (N. of Old Route #224), PORTAGE (E. of a line from Middlefield to Shalersville to Deerfield) & TRUMBULL

	Rates	Fringes
IRONWORKER		
Layout; Sheeter.....	\$ 37.26	28.16
Ornamental; Reinforcing;		
Structural.....	\$ 36.26	28.16

IRON0290-002 06/01/2024		

ALLEN (Southern half), AUGLAIZE, BUTLER (North of a line drawn from east to the west county line going through Oxford, Darrrtown & Woodsdale), CHAMPAIGN (Excluding east of a line drawn from Catawla to the point where #68 intersects the northern county line), CLARK (Western two-thirds), CLINTON (Excluding south of a line drawn from Blanchester to Lynchburg), DARKE, GREENE, HIGHLAND (Inside lines drawn from Marshall to Lynchburg & from the northern county line through East Monroe to Marshall), LOGAN (West of a line drawn from West Liberty to where the northern county line meets the western county line of Hardin), MERCER (Southern half), MIAMI, MONTGOMERY, PREBLE, SHELBY & WARREN (Excluding south of a line drawn from Blanchester through Morrow to the western county line) COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 35.39	24.35

IRON0549-003 12/01/2022

BELMONT, GUERNSEY, HARRISON, JEFFERSON, MONROE & MUSKINGUM
(Excluding portion west of a line starting at Adams Mill going
to Adamsville and going from Adamsville through Blue Rock to
the south border)

	Rates	Fringes
IRONWORKER.....	\$ 35.19	25.66

IRON0550-004 05/01/2024

ASHLAND, CARROLL, COLUMBIANA (W. of a line from Damascus to
Highlandtown), COSHOCTON (E. of a line beginning at NW Co. line
going through Walhonding & Tunnel Hill to the South Co. line),
HOLMES, HURON (S. of Old Rte. #224), MAHONING (S. of Old Rte.
#224), MEDINA (S. of Old Rte. #224), PORTAGE (S. of Old Rte.
#224), RICHLAND, STARK, SUMMIT (S. of Old Rte. #224, Excluding
city limits of Barberton), TUSCARAWAS, & WAYNE

	Rates	Fringes
Ironworkers:Structural, Ornamental and Reinforcing.....	\$ 34.70	22.88

IRON0769-004 06/01/2024

ADAMS (Eastern Half), GALLIA, JACKSON (Southern Half), LAWRENCE
& SCIOTO

	Rates	Fringes
IRONWORKER.....	\$ 37.66	29.24

IRON0787-003 06/01/2024

ATHENS, MEIGS, MORGAN, NOBLE, and WASHINGTON COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.00	24.25

LAB00265-008 05/01/2024

	Rates	Fringes
LABORER		
ASHTABULA, ERIE, HURON, LORAIN, LUCAS, MAHONING, MEDINA, OTTAWA, PORTAGE, SANDUSKY, STARK, SUMMIT, TRUMBULL & WOOD COUNTIES		
GROUP 1.....	\$ 35.95	14.45
GROUP 2.....	\$ 36.12	14.45
GROUP 3.....	\$ 36.45	14.45
GROUP 4.....	\$ 36.90	14.45
CUYAHOGA AND GEAUGA COUNTIES ONLY: SEWAGE PLANTS, WASTE PLANTS, WATER TREATMENT FACILITIES, PUMPING STATIONS, & ETHANOL PLANTS CONSTRUCTION.....		
	\$ 38.56	14.45
CUYAHOGA, GEAUGA & LAKE COUNTIES		
GROUP 1.....	\$ 37.18	14.45
GROUP 2.....	\$ 37.35	14.45
GROUP 3.....	\$ 37.68	14.45
GROUP 4.....	\$ 38.13	14.45
REMAINING COUNTIES OF OHIO		
GROUP 1.....	\$ 35.52	14.45
GROUP 2.....	\$ 35.69	14.45
GROUP 3.....	\$ 36.02	14.45
GROUP 4.....	\$ 36.47	14.45

LABORER CLASSIFICATIONS

GROUP 1 - Asphalt Laborer; Carpenter Tender; Concrete Curing Applicator; Dump Man (Batch Truck); Guardrail and Fence Installer; Joint Setter; Laborer (Construction); Landscape Laborer; Mesh Handlers & Placer; Right-of-way Laborer; Riprap Laborer & Grouter; Scaffold Erector; Seal Coating; Surface Treatment or Road Mix Laborer; Sign Installer; Slurry Seal; Utility Man; Bridge Man; Handyman; Waterproofing Laborer; Flagperson; Hazardous Waste (level D); Diver Tender; Zone Person & Traffic Control

GROUP 2 - Asphalt Raker; Concrete Puddler; Kettle Man (Pipeline); Machine Driven Tools (Gas, Electric, Air); Mason Tender; Brick Paver; Mortar Mixer; Power Buggy or Power Wheelbarrow; Paint Striper; Sheeting & Shoring Man; Surface

Grinder Man; Plastic Fusing Machine Operator; Pug Mill Operator; & Vacuum Devices (wet or dry); Rodding Machine Operator; Diver; Screwman or Paver; Screed Person; Water Blast, Hand Held Wand; Pumps 4" & Under (Gas, Air or Electric) & Hazardous Waste (level C); Air Track and Wagon Drill; Bottom Person; Cofferdam (below 25 ft. deep); Concrete Saw Person; Cutting with Burning Torch; Form Setter; Hand Spiker (Railroad); Pipelayer; Tunnel Laborer (without air) & Caisson; Underground Person (working in Sewer and Waterline, Cleaning, Repairing & Reconditioning); Sandblaster Nozzle Person; & Hazardous Waste (level B)

GROUP 3 - Blaster; Mucker; Powder Person; Top Lander; Wrencher (Mechanical Joints & Utility Pipeline); Yarner; Hazardous Waste (level A); Concrete Specialist; Concrete Crew in Tunnels (With Air-pressurized - \$1.00 premium); Curb Setter & Cutter; Grade Checker; Utility Pipeline Tapper; Waterline; and Caulker

GROUP 4 - Miner (With Air-pressurized - \$1.00 premium); & Gunite Nozzle Person

TUNNEL LABORER WITH AIR-PRESSURIZED ADD \$1.00 TO BASE RATE

SIGNAL PERSON WILL RECEIVE THE RATE EQUAL TO THE RATE PAID THE LABORER CLASSIFICATION FOR WHICH HE OR SHE IS SIGNALING.

PAIN0006-002 05/01/2023

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE (N. of the East-West Turnpike) & SUMMIT (N. of the East-West Turnpike)

	Rates	Fringes
PAINTER		
COMMERCIAL NEW WORK;		
REMODELING; & RENOVATIONS		
GROUP 1.....	\$ 30.75	18.95
GROUP 2.....	\$ 31.15	18.95
GROUP 3.....	\$ 31.45	18.95
GROUP 4.....	\$ 37.01	18.95
COMMERCIAL REPAINT		
GROUP 1.....	\$ 29.25	18.95
GROUP 2.....	\$ 29.65	18.95
GROUP 3.....	\$ 29.95	18.95

PAINTER CLASSIFICATIONS - COMMERCIAL NEW WORK; REMODELING; & RENOVATIONS

GROUP 1 - Brush; & Roller

GROUP 2 - Sandblasting & Buffing

GROUP 3 - Spray Painting; Closed Steel Above 55 feet; Bridges
& Open Structural Steel; Tanks - Water Towers; Bridge
Painters; Bridge Riggers; Containment Builders

GROUP 4 - Bridge Blaster

PAINTER CLASSIFICATIONS - COMMERCIAL REPAINT

GROUP 1 - Brush; & Roller

GROUP 2 - Sandblasting & Buffing

GROUP 3 - Spray Painting

PAIN0007-002 07/01/2024

FULTON, HENRY, LUCAS, OTTAWA (Excluding Allen, Bay, Bono,
Catawba Island, Clay Center, Curtice, Danbury, Eagle Beach,
Elliston, Elmore, Erie, Fishback, Gem Beach & Genova) & WOOD

	Rates	Fringes
PAINTER		
NEW COMMERCIAL WORK		
GROUP 1.....	\$ 31.84	20.79
GROUP 2.....	\$ 32.84	20.79
GROUP 3.....	\$ 32.84	20.79
GROUP 4.....	\$ 32.84	20.79
GROUP 5.....	\$ 32.84	20.79
GROUP 6.....	\$ 32.84	20.79
GROUP 7.....	\$ 32.84	20.79
GROUP 8.....	\$ 32.84	20.79
GROUP 9.....	\$ 32.84	20.79

REPAINT IS 90% OF JR

PAINTER CLASSIFICATIONS

GROUP 1 - Brush; Spray & Sandblasting Pot Tender

GROUP 2 - Refineries & Refinery Tanks; Surfaces 30 ft. or
over where material is applied to or labor performed on
above ground level (exterior), floor level (interior)

GROUP 3 - Swing Stage & Chair

GROUP 4 - Lead Abatement

GROUP 5 - All Methods of Spray

GROUP 6 - Solvent-Based Catalized Epoxy Materials of 2 or More Component Materials, to include Solvent-Based Conversion Varnish (excluding water based)

GROUP 7 - Spray Solvent Based Material; Sand & Abrasive Blasting

GROUP 8 - Towers; Tanks; Bridges; Stacks Over 30 Feet

GROUP 9 - Epoxy Spray (excluding water based)

PAIN0012-008 05/01/2019

BUTLER COUNTY

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 21.95	10.20
GROUP 2.....	\$ 25.30	10.20
GROUP 3.....	\$ 25.80	10.20
GROUP 4.....	\$ 26.05	10.20
GROUP 5.....	\$ 26.30	10.20

PAINTER CLASSIFICATIONS

GROUP 1: Bridge Equipment Tender; Bridge/Containment Builder

GROUP 2: Brush & Roller

GROUP 3: Spray

GROUP 4: Sandblasting; & Waterblasting

GROUP 5: Elevated Tanks; Steeplejack Work; Bridge; & Lead Abatement

PAIN0012-010 05/01/2019

BROWN, CLERMONT, CLINTON, HAMILTON & WARREN

	Rates	Fringes
PAINTER		
HEAVY & HIGHWAY BRIDGES- GUARDRAILS-LIGHTPOLES- STRIPING		
Bridge Equipment Tender and Containment Builder....	\$ 21.95	10.20
Bridges when highest point of clearance is 60 feet or more; & Lead Abatement Projects.....	\$ 26.30	10.20
Brush & Roller.....	\$ 25.30	10.20
Sandblasting & Hopper Tender; Water Blasting.....	\$ 26.05	10.20
Spray.....	\$ 25.80	10.20

PAIN0093-001 12/01/2024

ATHENS, GUERNSEY, HOCKING, MONROE, MORGAN, NOBLE and
WASHINGTON COUNTIES

	Rates	Fringes
PAINTER		
Bridges; Locks; Dams; Tension Towers; & Energized Substations.....	\$ 36.44	24.46
Power Generating Facilities..	\$ 33.29	24.46

PAIN0249-002 05/01/2025

CLARK, DARKE, GREENE, MIAMI, MONTGOMERY & PREBLE

	Rates	Fringes
PAINTER		
GROUP 1 - Brush & Roller....	\$ 29.15	13.97
GROUP 2 - Swing, Scaffold Bridges; Structural Steel; Open Acid Tank; High Tension Electrical Equipment; & Hot Pipes.....	\$ 33.09	13.97
GROUP 3 - Spray; Sandblast; Steamclean; Lead Abatement.....	\$ 29.90	13.97
GROUP 4 - Steeplejack Work..	\$ 30.10	13.97
GROUP 5 - Coal Tar.....	\$ 30.65	13.97

GROUP 6 - Bridge Equipment Tender & or Containment		
Builder.....	\$ 37.86	13.97
GROUP 7 - Tanks, Stacks & Towers.....		
	\$ 33.86	13.97
GROUP 8 - Bridge Blaster, Rigger.....		
	\$ 40.86	13.97

PAIN0356-002 09/01/2009

KNOX, LICKING, MUSKINGUM, and PERRY

	Rates	Fringes
PAINTER		
Bridge Equipment Tenders and Containment Builders....	\$ 27.93	7.25
Bridges; Blasters; and Riggers.....	\$ 34.60	7.25
Brush and Roller.....	\$ 20.93	7.25
Sandblasting; Steam Cleaning; Waterblasting; and Hazardous Work.....	\$ 25.82	7.25
Spray.....	\$ 21.40	7.25
Structural Steel and Swing Stage.....	\$ 25.42	7.25
Tanks; Stacks; and Towers...	\$ 28.63	7.25

PAIN0438-002 12/01/2023

BELMONT, HARRISON and JEFFERSON COUNTIES

	Rates	Fringes
PAINTER		
Bridges, Locks, Dams, Tension Towers & Energized Substations.....	\$ 36.09	19.49
Power Generating Facilities.	\$ 32.94	19.49

* PAIN0476-001 06/01/2025

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 30.64	18.36
GROUP 2.....	\$ 40.27	18.36
GROUP 3.....	\$ 40.27	18.36

GROUP 4.....	\$ 31.14	18.36
GROUP 5.....	\$ 31.29	18.36
GROUP 6.....	\$ 35.27	18.36
GROUP 7.....	\$ 32.64	18.36

PAINTER CLASSIFICATIONS:

GROUP 1: Painters, Brush & Roller

GROUP 2: Bridges

GROUP 3: Structural Steel

GROUP 4: Spray, Except Bar Joist/Deck

GROUP 5: Epoxy/Mastic; Spray- Bar Joist/Deck; Working Above
50 Feet; and Swingstages

GROUP 6: Tanks; Sandblasting

GROUP 7: Towers; Stacks

* PAIN0555-002 01/01/2025

ADAMS, HIGHLAND, JACKSON, PIKE & SCIOTO

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 33.32	21.54
GROUP 2.....	\$ 35.02	21.54
GROUP 3.....	\$ 36.72	21.54
GROUP 4.....	\$ 40.03	21.54

PAINTER CLASSIFICATIONS

GROUP 1 - Containment Builder

GROUP 2 - Brush; Roller; Power Tools, Under 40 feet

GROUP 3 - Sand Blasting; Spray; Steam Cleaning; Pressure
Washing; Epoxy & Two Component Materials; Lead Abatement;
Hazardous Waste; Toxic Materials; Bulk & Storage Tanks of
25,000 Gallon Capacity or More; Elevated Tanks

GROUP 4 - Stacks; Bridges

PAIN0639-001 05/01/2011

	Rates	Fringes
Sign Painter & Erector.....	\$ 20.61	3.50+a+b+c

FOOTNOTES: a. 7 Paid Holidays: New Year's Day; Memorial Day; July 4th; Labor Day; Thanksgiving Day; Christmas Day & 1 Floating Day
 b. Vacation Pay: After 1 year's service - 5 days' paid vacation; After 2, but less than 10 years' service - 10 days' paid vacation; After 10, but less than 20 years' service - 15 days' paid vacation; After 20 years' service - 20 days' paid vacation
 c. Funeral leave up to 3 days maximum paid leave for death of mother, father, brother, sister, spouse, child, mother-in-law, father-in-law, grandparent and inlaw provided employee attends funeral

 PAIN0788-002 06/01/2024

ASHLAND, CRAWFORD, ERIE, HANCOCK, HURON, MARION, MORROW, OTTAWA (Allen, Bay, Bono, Catawba Island, Clay Center, Curtice, Danbury, Eagle Beach, Elliston, Elmore, Erie, Fishback, Gem Beach & Genoa), RICHLAND, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 29.13	17.52
Structural Steel.....	\$ 30.73	17.52

WINTER REPAINT: Between December 1 to March 31 - 90%JR

\$.50 PER HOUR SHALL BE ADDED TO THE RATE OF PAY FOR THE CLASSIFICATION OF WORK:

While working swingstage, boatswain chair, needle beam and horizontal cable. While operating sprayguns, sandblasting, cobblasting and high pressure waterblasting (4000psi).

\$1.00 PER HOUR SHALL BE ADDED TO THE RATE OF PAY FOR THE CLASSIFICATION OF WORK:

For the application of catalized epoxy, including latex epoxy that is deemed hazardous, lead abatement, or for work or material where special precautions beyond normal work duties must be taken. For working on stacks, tanks, and towers over 40 feet in height.

PAIN0813-005 12/01/2008

GALLIA, LAWRENCE, MEIGS & VINTON

	Rates	Fringes
PAINTER		
Base Rate.....	\$ 24.83	10.00
Bridges, Locks, Dams & Tension Towers.....	\$ 27.83	10.00

PAIN0841-001 06/01/2023

MEDINA, PORTAGE (South of and including Ohio Turnpike), and
SUMMIT (South of and including Ohio Turnpike) COUNTIES

	Rates	Fringes
Painters:		
GROUP 1.....	\$ 30.18	15.50
GROUP 2.....	\$ 30.83	15.50
GROUP 3.....	\$ 30.93	15.50
GROUP 4.....	\$ 31.03	15.50
GROUP 5.....	\$ 31.43	15.50
GROUP 6.....	\$ 39.20	11.75
GROUP 7.....	\$ 31.68	15.50

PAINTER CLASSIFICATIONS:

GROUP 1 - Brush, Roller & Paperhanger

GROUP 2 - Epoxy Application

GROUP 3 - Swing Scaffold, Bosum Chair, & Window Jack

GROUP 4 - Spray Gun Operator of Any & All Coatings

GROUP 5 - Sandblast, Painting of Standpipes, etc. from
Scaffolds, Bridge Work and/or Open Structural Steel,
Standpipes and/or Water Towers

GROUP 6 - Public & Commerce Transportation, Steel or
Galvanized, Bridges, Tunnels & Related Support Items
(concrete)

GROUP 7 - Synthetic Exterior, Drywall Finisher and/or Taper,
Drywall Finisher and Follow-up Man Using Automatic Tools

PAIN0841-002 06/01/2023

CARROLL, COSHOCTON, HOLMES, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
PAINTER		
Bridges; Towers, Poles & Stacks; Sandblasting Steel; Structural Steel & Metalizing.....	\$ 31.43	15.50
Brush & Roller.....	\$ 30.18	15.50
Spray; Tank Interior & Exterior.....	\$ 31.03	15.50

PAIN1020-002 07/01/2024

ALLEN, AUGLAIZE, CHAMPAIGN, DEFIANCE, HARDIN, LOGAN, MERCER,
PAULDING, PUTNAM, SHELBY, VAN WERT, and WILLIAMS COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 26.54	17.66
Drywall Finishing & Taping..	\$ 27.29	17.66
Lead Abatement.....	\$ 28.29	17.66
Spray, Sandblasting Pressure Cleaning, & Refinery.....	\$ 27.29	17.66
Swing Stage, Chair, Spiders, & Cherry Pickers...	\$ 26.79	17.66
Wallcoverings.....	\$ 27.29	17.66

All surfaces 40 ft. or over where material is applied to or
labor performed on, above ground level (exterior), floor
level (interior) - \$.50 premium

Applying Coal Tar Products - \$1.00 premium

PAIN1275-002 05/01/2025

DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, MADISON, PICKAWAY, ROSS
& UNION

	Rates	Fringes
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PAINTER

Bridges.....	\$ 37.26	15.16
Brush; Roller.....	\$ 30.20	15.16
Sandblasting; Steamcleaning; Waterblasting (3500 PSI or Over)& Hazardous Work.....	\$ 32.35	15.16
Spray.....	\$ 32.15	15.16
Stacks; Tanks; & Towers.....	\$ 34.46	15.16
Structural Steel & Swing Stage.....	\$ 30.50	15.16

PLAS0109-001 06/01/2024

MEDINA, PORTAGE, STARK, and SUMMIT COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 31.70	23.63

PLAS0109-003 06/01/2024

CARROLL, HOLMES, TUSCARAWAS, and WAYNE COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 31.70	23.63

PLAS0132-002 07/01/2025

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 31.35	17.65

PLAS0404-002 05/01/2018

ASHTABULA, CUYAHOGA, GEAUGA, AND LAKE COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 29.63	17.11

PLAS0404-003 05/01/2018

LORAIN COUNTY

Rates	Fringes
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PLASTERER.....	\$ 28.86	17.11
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PLAS0526-022 05/01/2018

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.86	17.11

PLAS0526-023 05/01/2018

BELMONT, HARRISON, and JEFFERSON COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 28.21	17.11

PLAS0886-001 07/01/2024

FULTON, HANCOCK, HENRY, LUCAS, PUTNAM, and WOOD COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 33.73	23.25

PLAS0886-003 07/01/2024

DEFIANCE, ERIE, HURON, OTTAWA, PAULDING, SANDUSKY, and SENECA

	Rates	Fringes
PLASTERER.....	\$ 33.73	23.25

PLAS0886-004 07/01/2024

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, and VAN WERT

	Rates	Fringes
PLASTERER.....	\$ 33.73	23.25

PLUM0042-002 07/01/2025

ASHLAND, CRAWFORD, ERIE, HURON, KNOX, LORAIN, MORROW, RICHLAND
& WYANDOT

	Rates	Fringes
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Plumber, Pipefitter, Steamfitter.....	\$ 43.02	26.45
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PLUM0050-002 06/30/2025

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

Rates	Fringes
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Plumber, Pipefitter, Steamfitter.....	\$ 51.00	32.56
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PLUM0055-003 05/05/2025

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA (N. of Rte. #18 &
Smith Road) & SUMMIT (N. of Rte. #303, including the corporate
limits of the city of Hudson)

Rates	Fringes
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PLUMBER.....	\$ 44.86	30.03
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PLUM0083-001 07/01/2023

BELMONT & MONROE (North of Rte. #78)

Rates	Fringes
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Plumber and Steamfitter.....	\$ 35.94	37.35
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PLUM0094-002 05/01/2025

CARROLL (Northern Half), STARK, and WAYNE COUNTIES

Rates	Fringes
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PLUMBER/PIPEFITTER.....	\$ 47.48	27.14
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PLUM0120-002 05/01/2025

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN (the C.E.I. Power
House in Avon Lake), MEDINA (N. of Rte. #18) & SUMMIT (N. of
#303)

Rates	Fringes
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PIPEFITTER.....	\$ 49.17	28.55
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PLUM0162-002 06/01/2024

CHAMPAIGN, CLARK, CLINTON, DARKE, FAYETTE, GREENE, MIAMI,
MONTGOMERY & PREBLE

	Rates	Fringes
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Plumber, Pipefitter, Steamfitter.....	\$ 43.05	27.18
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PLUM0168-002 06/01/2025

MEIGS, MONROE (South of Rte. #78), MORGAN (South of Rte. #78)
& WASHINGTON

	Rates	Fringes
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PLUMBER/PIPEFITTER.....	\$ 40.92	37.20
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PLUM0189-002 06/01/2024

DELAWARE, FAIRFIELD, FRANKLIN, HOCKING, LICKING, MADISON,
MARION, PERRY, PICKAWAY, ROSS & UNION

	Rates	Fringes
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Plumber, Pipefitter, Steamfitter.....	\$ 43.25	26.94
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PLUM0219-002 06/01/2025

MEDINA (Rte. #18 from eastern edge of Medina Co., west to
eastern corporate limits of the city of Medina, & on the county
road from the west corporate limits of Medina running due west
to and through community of Risley to the western edge of
Medina County - All territory south of this line), PORTAGE, and
SUMMIT (S. of Rte. #303) COUNTIES

	Rates	Fringes
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Plumber and Steamfitter.....	\$ 46.87	28.39
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PLUM0392-002 06/01/2025

BROWN, BUTLER, CLERMONT, HAMILTON & WARREN

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 43.30	27.40

PLUM0396-001 06/01/2024

COLUMBIANA (Excluding Washington & Yellow Creek Townships & Liverpool Twp. - Secs. 35 & 36 - West of County Road #427), MAHONING and TRUMBULL COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 38.45	28.96

PLUM0495-002 06/01/2025

CARROLL (Rose, Monroe, Union, Lee, Orange, Perry & Loudon Townships), COLUMBIANA (Washington & Yellow Creek Townships & Liverpool Township, Secs. 35 & 36, West of County Rd. #427), COSHOCTON, GUERNSEY, HARRISON, HOLMES, JEFFERSON, MORGAN (South to State Rte. #78 & from McConnelsville west on State Rte. #37 to the Perry County line), MUSKINGUM, NOBLE, and TUSCARAWAS COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 39.32	37.60

PLUM0577-002 06/01/2025

ADAMS, ATHENS, GALLIA, HIGHLAND, JACKSON, LAWRENCE, PIKE, SCIOTO & VINTON

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 42.65	28.56

PLUM0776-002 07/01/2025

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY and VAN WERT COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 42.76	30.81

TEAM0377-003 05/01/2024		

STATEWIDE, EXCEPT CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 32.54	16.80
GROUP 2.....	\$ 32.96	16.80

TRUCK DRIVER CLASSIFICATIONS

GROUP 1 - Asphalt Distributor; Batch; 4- Wheel Service;
4-Wheel Dump; Oil Distributor & Tandem

GROUP 2 - Tractor-Trailer Combination: Fuel; Pole Trailer;
Ready Mix; Semi-Tractor; & Asphalt Oil Spraybar Man When
Operated From Cab; 5 Axles & Over; Belly Dump; End Dump;
Articulated Dump; Heavy Duty Equipment; Low Boy; & Truck
Mechanic

TEAM0436-002 05/01/2024

CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 32.25	18.95
GROUP 2.....	\$ 33.75	18.95

GROUP 1: Straight & Dump, Straight Fuel

GROUP 2: Semi Fuel, Semi Tractor, Euclids, Darts, Tank,
Asphalt Spreaders, Low Boys, Carry-All, Tourna-Rockers,
Hi-Lifts, Extra Long Trailers, Semi-Pole Trailers, Double
Hook-Up Tractor Trailers including Team Track & Railroad
Siding, Semi-Tractor & Tri-Axle Trailer, Tandem Tractor &
Tandem Trailer, Tag Along Trailer, Expandable Trailer or
Towing Requiring Road Permits, Ready-Mix (Agitator or
Non-Agitator), Bulk Concrete Driver, Dry Batch Truck,
Articulated End Dump

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.75) or 13658 (\$13.30). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a

supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the

year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION