

Project Number: 240162

PID #: 98232

Contract ID: FRA98232

DBE Goal: 10.0%

Franklin

IR 70-22.85 (FEF-1B&C)

E171(372)

INTERCHANGE

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

Jack Marchbanks, Director

April 4, 2024

Submitted by _____

Bidder Id _____

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PN 019 – 01/20/2016 - 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.

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 - 7/16/2021 - DISADVANTAGED BUSINESS ENTERPRISE (DBE) TRUCKING; DBE MATERIALS AND SUPPLIES VENDORS (MSVs)

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 MATERIALS AND SUPPLIES VENDORS (MSVS)

The DBE MSV Directory is available within the Ohio Unified DBE Directory at <http://www.dot.state.oh.us/Divisions/ODI/SDBE/Pages/DBE-Directory.aspx> (select MSV only).

The Apparent Low Bidder/Awarded Contractor may meet a Disadvantaged Business Enterprise (DBE) contract goal using DBE MSVs. The dollar amount of materials or supplies purchased from a DBE MSV will usually not be fully countable towards the DBE contract goal. When including a DBE MSV 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 MSV on its DBE Utilization Plan and the Apparent Low Bidder/Awarded Contractor becomes aware (or is made aware) that the materials or supplies purchased from the DBE MSV are not countable to the extent previously believed.

The Bidder/Apparent Low Bidder/Awarded Contractor must seek information from DBE MSVs 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/wps/portal/gov/odot/programs/business-economic-opportunity/dbe/dbe-resources/pn-013-affirmation>).

DBE MSV COUNTING SCENARIOS

- The purchase price of materials and supplies obtained from a DBE MSV may be *fully countable* only if the DBE MSV:
 - Manufactures the item(s), as indicated by the information provided by the DBE MSV (subject to verification by the Department). A manufacturer DBE MSV is a firm that operates or maintains 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;
 - Is certified in the correct (manufacturer) NAICS code(s) for the item(s); and
 - Is certified in the correct MSV descriptor(s) for the item(s), if its manufacturing facility is located in Ohio.

- The purchase price of materials and supplies obtained from a DBE MSV may be *countable at 60%* only if the DBE MSV:
 - Does not manufacture the item(s);
 - Owns, operates, or maintains a store, warehouse, or other establishment in which item(s) of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business, as indicated by the information provided by the DBE MSV (subject to verification by the Department) (See below for an exception to this requirement for items that are considered bulk items.);
 - Is an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the item(s);
 - Is certified in the correct (wholesale or retail) NAICS code(s) for the item(s);
 - Is certified in the correct MSV descriptor(s) for the item(s), if its store/warehouse/other establishment is located in Ohio; and
 - Does not drop-ship the item(s).

- The purchase price of materials and supplies that are considered bulk items (petroleum products, steel, cement, gravel, stone, asphalt, and others that ODOT may consider to be bulk items) and are obtained from a DBE MSV may be *countable at 60%* only if the DBE MSV:
 - Delivers the item(s) 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 MSV (subject to verification by the Department);
- Is an established, regular business that engages, as its principal business and under its own name, in the purchase and sale of the item(s);
 - Is certified in the correct (wholesale or retail) NAICS code(s) for the item(s);
 - Is certified in the correct MSV descriptor(s) for the item(s), if located in Ohio;
 - Is certified in the correct trucking NAICS code(s); and
 - Does not drop-ship the item(s).
- The purchase price of materials and supplies obtained from a DBE MSV but not in accordance with any of the above scenarios is not countable, but the fees or commissions charged by the DBE MSV are countable if the DBE MSV:
 - 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 MSV 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 033 - 04/18/2008 - AS PER PLAN DESIGNATION - PROPOSAL NOTE

For the last several years the “As Per Plan” designation has been added to some item descriptions in the proposal to assist the Contractors to easily identify standard items that have been altered by plan notes.

The “As Per Plan” designation has proven to be a very useful tool for the Contractors. However, its use was never intended to relieve the Contractors of their responsibility to read, bid and construct all items in accordance with all governing plan notes. Therefore, the absence of an “As Per Plan” designation on some item descriptions in the proposal for which there are clear and controlling plan notes does not relieve the Contractors of the responsibility to read, bid and construct those particular items in accordance with the governing plan notes.

Be advised that the item descriptions in the bidding proposal must be read or interpreted with the governing plan notes and the Ohio Department of Transportation Construction and Materials Specifications. A claim based upon an “order of precedence” basis will be denied. In the event that a conflict, either real or perceived, exists between the item description and the governing plan note, the Contractors are to request clarification through the pre-bid process.

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 020- 4/15/2022- NOTICE OF REQUIREMENT OF AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY AND WORKFORCE DIVERSITY REQUIREMENTS ON ALL ODOT ADMINISTERED FEDERALLY FUNDED PROJECTS

The Bidder's attention is called to the affirmative action obligations required by the specifications set forth in 23 CFR Part 230, 41 CFR Part 60, Executive Order 11246, Section 503, and the affirmative action provisions of Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) of 1974.

Workforce Utilization Goals

Utilization goals applicable to the project, expressed in percentages, for minority and female participation for each construction craft can be found on ODOT's website. These goals are based on 2010 census data and represent the area, per craft, minority and female availability pool.

- **Census Availability Percentages for minority and female workers** by craft per county (applicable to project):

<http://www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Construction/CensusForAllCounties.xlsx>

<http://www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Construction/CensusForAllCounties.pdf>

- **Statewide utilization obligations/ goals for minority workers** by county (applicable to each project).
- **Statewide utilization obligation/ goal for female workers is 6.9%** and applies the same for each county.

Source: US Department of Labor's, Office of Federal Contract Compliance Programs, Technical Assistance Guide for Construction Contractors (pp. 126 – 127)
[Construction Contractors Technical Assistance Guide \(dol.gov\)](#)

Ohio 064 Youngstown-Warren, OH:

SMSA (Standard Metropolitan Statistical Area) Counties:

9320 Youngstown - Warren, OH _____ 9.4
OH Mahoning; OH Trumbull.

Non-SMSA Counties _____ 6.7
OH Columbiana; PA Lawrence; PA Mercer.

065 Cleveland, OH:

SMSA Counties:

0080 Akron, OH _____ 7.8
OH Portage; OH Summit.

1320 Canton, OH _____ 6.1
OH Carroll; OH Stark.

1680 Cleveland, OH _____ 16.1

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OH Cuyahoga; OH Geauga; OH Lake; OH Medina.	
4440 Lorain-Elyria, OH _____	9.3
OH Lorain.	
4800 Mansfield, OH _____	6.3
OH Richland.	
Non-SMSA Counties: _____	11.3
OH Ashland; OH Ashtabula; OH Coshocton; OH Crawford; OH Erie; OH Holmes; OH Huron; OH Tuscarawas; OH Wayne.	
066 Columbus, OH:	
SMSA Counties:	
1840 Columbus, OH _____	10.6
OH Delaware; OH Fairfield; Franklin; OH Madison; OH Pickaway.	
Non-SMSA Counties _____	7.3
OH Athens; OH Fayette; OH Guernsey; OH Hocking; OH Jackson; OH Knox; OH Licking; OH Marion; OH Meigs; OH Morgan; OH Morrow; OH Muskingum; OH Noble; OH Perry; OH Pike; OH Ross; OH Scioto; OH Union; OH Vinton.	
067 Cincinnati, OH:	
SMSA Counties:	
1640 Cincinnati, OH-KY-IN _____	11.0
IN Dearborn; KY Boone; KY Campbell; KY Kenton; OH Clermont; OH Hamilton; OH Warren.	
3200 Hamilton - Middletown, OH _____	5.0
OH Butler.	
Non-SMSA Counties _____	9.2
IN Franklin; IN Ohio; IN Ripley; IN Switzerland; KY Bracken; KY Carroll; KY Fleming; KY Gallatin; KY Grant; KY Lewis; KY Mason; KY Owen; KY Pendleton; KY Robertson; OH Adams; OH Brown; OH Clinton; OH Highland.	
068 Dayton, OH:	
SMSA Counties:	
2000 Dayton, OH _____	11.5
OH Greene; ON Miami; OH Montgomery; OH Preble.	
7960 Springfield, OH _____	7.8
OH Champaign; OH Clark.	
Non-SMSA Counties _____	9.9
OH Darke; OH Logan; ON Shelby.	
069 Lima, OH:	
SMSA Counties:	
4320 Lima, OH _____	4.4
OH Allen; OH Auglaize; OH Putnam; OH Van Wert.	
Non-SMSA Counties _____	3.5
OH Hardin; OH Mercer.	
070 Toledo, OH:	
SMSA Counties:	
8400 Toledo, OH-MI _____	8.8
MI Monroe; OH Fulton; OH Lucas; OH Ottawa; OH Wood.	
Non-SMSA Counties _____	7.3
MI Lenawee; OH Hancock; OH Henry; OH Sandusky; OH Seneca; OH Wyandot.	

The New Hire Definition for the purposes of on-the-job training and workforce utilization is as follows:

An individual who has a break in service (not on an employer's payroll) for a period of 12 months or longer and the person affected is not a salaried employee but belongs to a union craft. Individuals compensated for training or incidental work which does not cause a break in unemployment compensation, i.e., paid by voucher check or petty cash, are considered new hires if the individual's break in service is 12 months or longer.

The time frame for a new hire shall be associated with the first project worked for that contractor regardless of whether it is public or private. When reporting a newly hired employee, the contractor shall identify that employee as a new hire on that specific project only. Subsequent work, barring a break in service of 12 months or more, would not qualify the employee as a new hire for that contractor.

Compliance: The Contractor's compliance shall be based on the implementation of affirmative action obligations required by the specifications set forth in 23 CFR Part 230, and its good faith efforts to meet these obligations. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and females on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the affirmative action obligations shall be a violation of the contract and regulations in 23 CFR Part 230. The good faith efforts put forth by the contractor will be measured against the total work hours performed.

Under FHWA, ODOT is the authority tasked with ensuring that the contractor adheres to the aforementioned regulations. In addition to complying with the Required Contract Provisions, the Contractor shall provide immediate written notification to ODOT when referral practices of the union(s) with which the Contractor has a collective bargaining agreement impede the company's efforts to meet its equal opportunity obligations.

The U.S. Department of Labor, Office of Federal Contract Compliance Programs (OFCCP), administers and enforces equal employment opportunity laws that apply to Federal government contractors and subcontractors supplying goods and services, including construction, to the Federal Government under 41 CFR Part 60, Executive Order 11246, Section 503, and the affirmative action provisions of VEVRAA. The OFCCP monitors compliance with these laws primarily through compliance evaluations, during which a compliance officer examines the contractor's affirmative action efforts and employment practices. Under Executive Order 11246, the OFCCP may perform contract compliance reviews on contractors involved with federally funded ODOT projects.

Requirements for affirmative action obligations governing OFCCP contract compliance reviews are those listed in the Federal Register for the Economic Area.

[Federal Register :: Government Contractors, Affirmative Action Requirements \(2000\)](#)

[Federal Register :: RIN 1250-AA10 \(2020 updates\)](#)

Additional requirements for ODOT projects with state funding

The Ohio Department of Development (ODOD), Minority Business Division, is responsible for ensuring state contractors implement and adhere to the State of Ohio's affirmative action program pursuant to [Ohio Administrative Code \(OAC\) 123: Chapters 123:2-3-01 through 123:2-3-07](#). Specifically, this unit's responsibilities includes the issuance of certificates of compliance under [ORC 9.47](#) and [153.08](#), conducting project site visits, and compliance reviews (desk audits) to ensure contractors utilize minorities

and women in the construction trades, and maintain a working environment free of discrimination, harassment, and intimidation. The ODOD may perform contract compliance reviews on contractors involved with state or state assisted projects. Requirements for affirmative action obligations governing ODOD contract compliance reviews are those listed in OAC 123:2-3-02, for the Metropolitan Statistical Area in which a project is located.

All prime and subcontractors regardless on the number of employees or the state contract amount are required to submit monthly utilization reports (Input Form 29) to the Ohio Department of Development covering the contractor's total workforce within the state of Ohio (private sector and public sector projects). The reports must be filed electronically by the 10th of each month, beginning with the contract award and continuing until the contractor or subcontractor completes performance of the contract, as set forth in OAC 123:2-9-01.

I-29 monthly reports must be submitted via the Ohio Business Gateway portal: <https://ohio.gov/wps/portal/gov/site/business/resources/ohio-business-gateway> / [Ohio Business Gateway | Ohio.gov | Official Website of the State of Ohio](#)

Steps to Submit the I-29 Form:

1. Visit [Ohio Business Gateway](#)
2. Log in using username and password (OH|ID)
3. Ensure "Equal Opportunity Division" is among available service areas
4. Ensure "Input 29" is among available transactions
5. Select "Input 29" and complete the form
6. Click "File" button on the Summary page to see a confirmation page
7. Submit supporting documentation (if required) to: das-eod.bccu@das.ohio.gov

I-29 reports are used by ODOT to create monthly utilization work hour reports to monitor adherence to on-the-job training requirements and workforce diversity requirements. Prime Contractors and Subcontractors shall provide monthly utilization work hour reports for the contractor's or subcontractor's total workforce within the state of Ohio to the compliance officer of the contracting agency (ODOT). A contractor's or subcontractor's failure to submit a monthly utilization work hour report shall be a basis for invoking any of the sanctions set forth in rule 123:2-7-01 of the Ohio Administrative Code.

FEDERAL WORKFORCE DIVERSITY REQUIREMENTS

Affirmative Action and Equal Employment Opportunity requirements apply to federal transportation projects over \$10,000 (41 CFR 60-4 and Executive Order 11246). As a part of these requirements, there are workforce goals for female and minority workers. There is a statewide goal of 6.9% for female workers on all projects over \$10,000 and the goal for minority workers varies by county. (See availability and goal information in links on page 1). **All Prime Contractors are required to meet the workforce diversity goals by the end of a project.**

ODOT will monitor the progress toward meeting these goals throughout the life of the project. The totality of the project workforce hours (including the various trades utilized) must be met and complied with by the Prime and Subcontractors. ODOT will monitor compliance using the following process:

- 1) Present quarterly reports showing the percentage of female and minority workers hired by Prime Contractors and Subcontractors on projects. The reports will be generated using certified payroll receipts entered through the AASHTOWare Civil Rights & Labor (CRL) system. These reports will be referred to as “CRL reports”;
- 2) The CRL reports will be distributed by ODOT’s ODI Division or the Project Manager at project progress meetings on a quarterly basis;
- 3) If female and/or minority workforce goals are not being met, ODOT’s ODI Division will offer a list of organizations that focus on recruiting a diverse workforce. This list can be used as a resource for the Prime Contractors, Subcontractors, and/or Unions.

A Good Faith Efforts (GFE) check list will be provided to the Prime Contractor at the end of the project. (See copy below, pp. 6-9, or on line at:

<https://www.transportation.ohio.gov/wps/portal/gov/odot/programs/eeo/01-gfe-checklist>

- 4) The Contractor must complete and return the GFE check list within 30 days of receipt to the Project Manager (PM). The PM will forward the check list to the ODI Outreach Manager (OM) for review. The OM will forward the check list to ODI Outreach Administrator (OA) who will forward it to the ODI Good Faith Efforts Review Committee for final approval.
- 5) The ODI Good Faith Efforts Review Committee will determine whether the good faith efforts checklist is acceptable within 10 days of receiving the checklist from the Prime Contractor or Project Manager and will inform the Contractor of the decision.
- 6) If the GFE checklist is not acceptable, the Prime Contractor will continue to make efforts to meet the female and minority workforce goals on future projects that ODOT monitors.

ODOT staff that will be involved in determining if GFE checklists are acceptable include:

ODOT Division of Opportunity, Diversity, & Inclusion (ODI) staff	2-4
ODOT District staff (Project Manager and/or Project Engineer)	1-2
ODOT Central Office staff (Office of Construction Administration, Alternative Delivery, & Local Programs)	3

- 7) Additionally, at the end of the project, if the workforce diversity goals are not met, ODOT will meet with the Contractor to discuss efforts that the Contractor can take to meet the diversity workforce goals on the next project over \$20M awarded to the Contractor that will be monitored by ODOT. These discussion efforts will be acknowledged by ODOT and made a part of the Contractor’s overall GFE documentation.
- 8) If the Contractor does not meet the female and minority workforce goals on the next project over \$20M that ODOT monitors, a letter will be sent to the CEO of the Prime and Sub Contractors informing them of their company’s lack of progress in meeting the project’s total workforce utilization goals and inviting the CEO, or his/her representative(s), to talk with ODOT’s leadership regarding any concerns. The minutes from this meeting will be kept on file as a part of the company’s Good Faith Efforts.

Dispute Process

During the life of the project, if there is a disagreement by the Prime Contractor with the female and/or minority workforce percentages provided in a CRL report, the Prime Contractor can make a request, through the Project Manager, to meet with ODOT ODI staff to discuss discrepancies and obtain more information regarding the process ODOT uses to produce the CRL reports.

Good Faith Efforts Committee

The Good Faith Efforts (GFE) Committee shall be responsible for monitoring and approving the GFE Checklist and supporting documentation submitted by the Prime Contractor showing efforts made to meet the female and minority workforce goals on ODOT projects that are being monitored.

The Committee members shall be responsible for:

- 1) Working with the ODI staff to review and approve the GFE check lists submitted by the Prime Contractor and informing the Prime if the check list and documentation are approved or not.
- 2) Accessing/ Reviewing CRL reports from the SharePoint portal that shall be created by ODI staff.
- 3) Saving all GFE documentation on the Share Point portal created by the ODI Division.



PN 20: Workforce Diversity Requirements - Good Faith Efforts (GFE) Checklist*

****Please return this form and supporting documentation (when applicable) to the ODOT project manager within 30 days of receipt.***

- ❖ ODOT's Proposal Note 20 outlines the Affirmative Action and Equal Opportunity requirements for the federal and state funded transportation projects over \$10,000. As a part of these requirements, there are workforce goals for female and minority workers. ODOT is renewing its efforts to monitor these goals. There is a statewide goal of 6.9% for female workers on all projects over \$10,000 and the goal for minority workers varies by county. All Prime Contractors and Subcontractors are required to meet the goals by the end of project.
- ❖ Prime Contractors are required to complete and return this Good Faith Efforts (GFE) Checklist (including information for subcontractors when possible) as indicated above. When the GFE Checklist is received, the Project Manager and/or Regional Outreach Manager will inform the Prime Contractor(s) within 30 days if the GFE check list is approved by the GFE Review Committee and discuss additional steps that can be taken to meet the workforce diversity goals (if applicable).
- ❖ ODOT's ODI Division (Office of Outreach) will be responsible for monitoring progress toward meeting the workforce diversity goals.

[In the following sections- check all that apply, including Prime Contractor and/or Subcontractor(s)]

Outreach events:

In the past three months, the Prime Contractor(s) / Subcontractor(s) attended outreach/recruiting events to increase women, minorities, and disadvantaged persons in the workplace. [Please provide a copy of documentation of at least one of these outreach efforts with this form].

Outreach contacts:

Which agencies, professional/trade groups, job fairs, training classes, minority and women organizations, workforce development agencies were contacted by the Prime Contractor(s) and Subcontractor(s) in order to recruit minorities, women and disadvantaged persons in the workplace? Use additional paper if needed. Provide approximate dates and names of individuals contacted through this process.

Current employees:

- The Prime Contractor(s) / Subcontractor(s) have connected with current minority and female employees to gain referrals on other minority and female applicants.

Company recruitment efforts:

- The Prime Contractor(s) / Subcontractors maintain a database/ spreadsheet/ list of minority, female, and disadvantaged applicants who want to work at the company and applied for employment in the past. The database was utilized to contact those applicants when hiring/ employment opportunities arose. [Please provide a copy of the list with this form- without private or confidential information.]
- The aforementioned database/ list includes women and minorities referred by unions, community organizations, schools, workforce development agencies, and other recruitment sources.
- The Prime Contractor(s) / Subcontractors informed the aforementioned recruitment partners when employment opportunities arose.
- The Prime Contractor(s) / Subcontractors sought to include qualified minorities and women in any apprenticeship programs in which the contractor participates.
- The Prime Contractor(s) / Subcontractors have advertised in news media oriented towards women and minorities.
- The Prime Contractor(s) reached out to their subcontractor(s) to vet the subcontractors' ability to hire women and minority workers, before the project began or as the project progressed.

Request to union hall:

- If the Prime Contractor(s) / Subcontractors are unionized and did not meet the female or minority workforce goal, the union hall was informed of the short fall and a request was made to the union hall for female and minority workers.
- The Prime Contractor(s) / Subcontractors documented if an individual was sent to the union hiring hall for referral and was not referred back to the contractors by the union or was not hired by the contractors; and the reason why.

The criteria ODOT will use to determine if GFEs are sufficient include the following:

- The extent that women and minorities are available within a reasonable area of recruitment
- The potential resources for effective recruitment
- Geographic location of project
- Type of work
- Duration of the contract
- Dollar value of the contract

Feel free to attach an additional document if more space is needed to note Good Faith Efforts that have been used or will be used:

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Person completing this form (name, company, and title)

I certify that the information provided on this form and supporting documentation (when applicable) is true and correct to the best of my knowledge.

Print Name: _____

Signature: _____

Company Name: _____

Position/Title: _____

Date: _____

**** Please note that this checklist is subject to revisions over time, as updates are needed****

For office use only: GFE Checklist approval/ denial by ODOT

Regional Outreach Manager Name _____	Project Manager Name _____
<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional documentation)	<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional documentation)

ODOT ODI Deputy Director Name _____ (if applicable)	ODOT ODI Administrator Name _____ (if applicable)
<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)	<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)

Committee Member, ODI Administrator Name _____ (if applicable)	Committee Member, Central Office Staff Name _____ (if applicable)
<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)	<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)

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ODOT, Central Office Staff Name _____ (if applicable)	ODOT, Central Office Staff Name _____ (if applicable)
<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)	<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)

ODOT ODI Staff Name _____ (if applicable)	ODOT ODI Staff Name _____ (if applicable)
<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)	<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)

ODOT ODI Staff Name _____ (if applicable)	ODOT ODI Staff Name _____ (if applicable)
<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)	<input type="checkbox"/> Approve GFE Checklist <input type="checkbox"/> Do not approve (request additional information)

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 – 10/20/2023 - 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

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 Bidder further affirms it will not deviate from the Utilization Plan without ODOT's prior written consent. 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.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 and addresses of the certified DBE firm(s) that will be used to meet the DBE goal;
- 2) A description of the work each DBE will perform. To count toward meeting a goal, each DBE firm must be certified in a NAICS code applicable to the kind of work the firm would perform on the contract;

- 3) Whether the DBE firm(s) being used to meet the goal will be utilized as a subcontractor, regular dealer, manufacturer, consultant or other capacity; and
- 4) The dollar amount of the participation of each DBE firm used to meet the DBE goal.

PROJECTS AWARDED ON ALTERNATES

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

DBE AFFIRMATION

The Apparent Low Bidder shall ensure the DBE firms being utilized to meet the DBE goal affirm their participation in the bid within five days after the bid opening to ODOT. The contract dollar amount(s) and/or DBE firm(s) included in the Apparent Low Bidder's DBE Utilization Plan must match the contract dollar amount(s) and/or DBE firm(s) included on the DBE Affirmation Form(s). If the contract dollar amount(s) and/or DBE firm(s) do not match, the Apparent Low Bidder shall utilize the Request for Consent to Terminate/Reduce a DBE Commitment form located at <https://www.transportation.ohio.gov/programs/business-economic-opportunity/dbe/dbe-resources/pn-013-termination> and submit for review and approval by the Office of Business & Economic Opportunity within five days of the bid opening.

The Apparent Low Bidder shall utilize the DBE Affirmation Form located at <https://www.transportation.ohio.gov/programs/business-economic-opportunity/dbe/dbe-resources/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 in the type and amount of work provided in the Bidder's DBE Utilization Plan. 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 if they were not able to attain the DBE Goal via DBE participation.

All other Bidders shall submit a DBE Affirmation Form(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 DBE Affirmation Forms to ODOT. Notification will be sent via email.

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 available. 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 (GFE's)

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 within five days of 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 shall demonstrate its GFE's by submitting the following information within five days after the bid opening:

- (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 Pre-Bid GFE Template 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/programs/business-economic-opportunity/dbe/dbe-resources/gfe-contractors>.

All other Bidders 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. Such written documentation or argument must be provided to ODOT, attention to the Office of Chief Legal Counsel, 1980 West Broad Street, MS 1500, Columbus, Ohio 43223 (with 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 Office 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 OR REPLACEMENT OF A DBE

By submitting a DBE Utilization Plan, the Bidder is committing to use the DBE firms identified in the plan. The Apparent Low Bidder/Awarded Contractor shall utilize the specific DBEs listed in the DBE Utilization Plan to perform the work and supply the materials for which each is listed unless the Apparent Low Bidder/Awarded Contractor obtains written consent as provided in this paragraph. In order to request termination or substitution of a DBE firm, the Apparent Low Bidder/Awarded Contractor shall utilize the Request for Consent to Terminate/Reduce a DBE Commitment form located at <https://www.transportation.ohio.gov/programs/business-economic-opportunity/dbe/dbe-resources/pn-013-termination>.

This termination/replacement procedure applies only to DBE firms or the amount of work being utilized to meet the goal.

Without ODOT's written consent to terminate/replace a DBE firm being utilized to meet the goal, the Awarded Contractor shall not be entitled to any payment for DBE listed work or material unless it is performed or supplied by the listed DBE.

GOOD CAUSE

ODOT may provide written consent to terminate a DBE only if it agrees, for reasons stated in a concurrence document, that the Apparent Low Bidder/Awarded Contractor has good cause to terminate the DBE firm.

For purposes of this paragraph, good cause to terminate a DBE includes the following circumstances:

- 1) The listed DBE firm fails or refuses to provide the required DBE Affirmation Form or to execute a written contract;
- 2) The listed DBE firm fails or refuses to perform the work of its subcontract in a manner consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or

- refusal of the DBE firm to perform its work on the subcontract results from the bad faith or discriminatory action of the awarded contractor;
- 3) The listed DBE firm fails or refuses to meet the awarded contractor's reasonable, nondiscriminatory bond requirements.
 - 4) The listed DBE firm becomes bankrupt, insolvent, or exhibits credit unworthiness;
 - 5) The listed DBE firm is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215 and 1200 or applicable state law;
 - 6) ODOT has determined that the listed DBE firm is not a responsible contractor;
 - 7) The listed DBE firm voluntarily withdraws from the project and provides to you written notice of its withdrawal;
 - 8) The listed DBE is ineligible to receive DBE credit for the type of work required;
 - 9) A DBE owner dies or becomes disabled with the result that the listed DBE contractor is unable to complete its work on the contract; and
 - 10) Other documented good cause that ODOT determines compels the termination of the DBE firm. Provided, that good cause does not exist if the awarded contractor seeks to terminate a DBE it relied upon to obtain the contract so the awarded contractor can self-perform the work for which the DBE contractor was engaged or so the awarded contractor can substitute another DBE or non-DBE contractor after contract award.

REPLACEMENT

When a DBE firm is terminated or fails to complete its work on the contract for any reason the Awarded Contractor must make GFEs to find another DBE firm to replace the original DBE. These GFEs shall be directed at finding another DBE to perform at least the same amount of work under the contract as the DBE that was terminated, to the extent needed to meet the 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.

In addition to post-award terminations, the provisions of this section apply to pre-award deletions and substitutions of DBE firms put forward by Bidders in the DBE Utilization Plan.

ADDITION

In the event additional DBE participation is required for the project, the Awarded Contractor shall utilize the DBE Affirmation Form located at <https://www.transportation.ohio.gov/programs/business-economic-opportunity/dbe/dbe-resources/pn-013-affirmation>. The DBE Affirmation Form will be utilized as written confirmation from each DBE firm that it is participating in the contract in the type and amount of work on the project.

WRITTEN NOTICE TO DBE

Before transmitting to ODOT its request to terminate and/or substitute a DBE firm, the Apparent Low Bidder/Awarded Contractor must give notice in writing to the DBE firm, with a copy to ODOT, of its intent to request to terminate and/or substitute, and the reason(s) for the request.

The Apparent Low Bidder/Awarded Contractor must give the DBE five days to respond to the notice, advising ODOT and the Apparent Low Bidder/Awarded Contractor of the reasons, if any, why it objects to the proposed termination of its subcontract and why ODOT should not approve the Apparent Low

Bidder/Awarded Contractor's action. 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.

GOAL ATTAINMENT POST AWARD

The Awarded Contractor shall make available upon request a copy of all DBE subcontracts. The Awarded Contractor shall ensure that all subcontracts or agreements with DBEs require that the subcontract and all lower tier subcontractors be performed in accordance with this Proposal Note.

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 contract. In the event the contract amount increases or decreases, the actual dollar amount of the DBE goal for the project may increase or decrease accordingly.

SANCTIONS AND ADMINISTRATIVE REMEDIES

PRE-BID

Failure by the Apparent Low Bidder to do any of the following shall 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.

POST-BID

Failure by the Awarded Contractor to carry out the requirements of this Proposal Note, including the submission of adequate good faith efforts to meet the goal for a project, 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 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

PN 090 – 01/15/2021 - 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 700 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 – 10/20/2023 – PRODUCTS MADE 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 made in the United States according to the applicable provisions of the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, which includes the Build America, Buy America Act Pub. L. 117-58, §§ 70901-52.

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 begins with the initial melting and mixing and continues through the bending and coating stages. 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 are not required to be produced in the United States.

All construction materials must be manufactured 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; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives—that is or consists primarily of:

- Non-ferrous metals;
- Plastic 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.

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 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 – 07/21/2023 – SUPPLEMENTAL SPECIFICATION 832 COMPENSATION

All BMP listed in SS832 Appendix F are compensated per SS832, Appendix F dated July 21, 2023.

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

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J. Basis of Payment

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 110 - 10/15/2011 - ESCROW BID DOCUMENTS

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 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 420 – 1/20/2023 - SURFACE SMOOTHNESS REQUIREMENTS FOR PAVEMENTS

DESCRIPTION: The surface tolerance specification requirements are modified to use the International Roughness Index (IRI) as follows for all pavements of constant width 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. Also included is pavement for ramps, including acceleration lanes and deceleration lanes, where the total length is greater than 0.5 miles (0.8 km); and all interstate-to-interstate ramps including acceleration lanes and deceleration lanes, regardless of total length.

For roads with less than 1 centerline mile (1.6 km) of paving; ramps, acceleration lanes, and deceleration lanes not included above; and sections of undivided highways, as defined in this note, within corporation limits with posted speed limits less than 40 miles per hour, smoothness measurement and 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.

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.

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.

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. Do not perform corrective diamond grinding within 1.5 feet of a non-pavement feature installed directly in a wheel path.

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.

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

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				
Pavement Class	Divided Highways*		Undivided Highways*	
	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. 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. Do not diamond grind more than 5 percent by longitudinal length of the lane-miles (lane-km) eligible for a pay adjustment. Feather ground 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 420-1.

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				
Pavement Class	Divided Highways*		Undivided Highways*	
	Corrective Action	Pay Adjustment Schedule (Table 420-3)	Corrective Action	Pay Adjustment Schedule (Table 420-3)
Type A [\geq 8in.]	[1],[5]	A	[1],[5]	A
Type B [$>$ 6 in. & $<$ 8in.]	[1],[5]	A	[2],[5]	A
Type C [\leq 6 in.]	[2],[5]	A	[3]	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).
- [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. Feather ground 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)	$\frac{4}{(50 - IRI) * (\frac{4}{15})}$	Over 45 to 60 (0.71 to 0.95)	$\frac{4}{(60 - IRI) * (\frac{4}{15})}$
Over 50 to 70 (0.79 to 1.10)	0	Over 60 (0.95)	0
Over 70 to 90 (1.10 to 1.42)	$-(IRI - 70) * (\frac{6}{20})$		
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 the following table. Remove and replace any uncorrected 0.1 mile (0.16 km) section with an MRI greater than 95.

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, and materials necessary to meet this specification in the contract unit or lump sum price for the applicable pavement items.

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)

			cubic meter)	
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* 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 - 07/15/2022 - 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.

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:

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

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:

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

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 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:

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

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:

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

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 555 - 01/15/2021 - 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 * L₅₅₀₋₆₀₀	FBC = BC/1000	PA = AAUC*FBC
500 < IRI ≤ 550	AAUC = -275 * L₅₀₀₋₅₅₀		
450 < IRI ≤ 500	AAUC = -225 * L₄₅₀₋₅₀₀		
400 < IRI ≤ 450	AAUC = -175 * L₄₀₀₋₄₅₀	FBC = BC/2000	
350 < IRI ≤ 400	AAUC = -125 * L₃₅₀₋₄₀₀		
300 < IRI ≤ 350	AAUC = -75 * L₃₀₀₋₃₅₀		
250 < IRI ≤ 300	AAUC = -25 * L₂₅₀₋₃₀₀		
200 < IRI ≤ 250	No Pay Adjustment		
150 < IRI ≤ 200	AAUC = 25 * L₁₅₀₋₂₀₀	FBC = BC/4000	PA = AAUC*FBC
100 < IRI ≤ 150	AAUC = 75 * L₁₀₀₋₁₅₀		
50 < IRI ≤ 100	AAUC = 125 * L₅₀₋₁₀₀		
0 < IRI ≤ 50	AAUC = 175 * L₀₋₅₀		
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 (\$/yd³) 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 * L₅₅₀₋₆₀₀	FBC = BC/1000	PA = AAUC*FBC
500 < IRI ≤ 550	AAUC = -275 * L₅₀₀₋₅₅₀		
450 < IRI ≤ 500	AAUC = -225 * L₄₅₀₋₅₀₀		
400 < IRI ≤ 450	AAUC = -175 * L₄₀₀₋₄₅₀	FBC = BC/2000	
350 < IRI ≤ 400	AAUC = -125 * L₃₅₀₋₄₀₀		
300 < IRI ≤ 350	AAUC = -75 * L₃₀₀₋₃₅₀		
250 < IRI ≤ 300	No Pay Adjustment		
200 < IRI ≤ 250			
150 < IRI ≤ 200	AAUC = 25 * L₁₅₀₋₂₀₀	FBC = BC/4000	PA = AAUC*FBC
100 < IRI ≤ 150	AAUC = 75 * L₁₀₀₋₁₅₀		
50 < IRI ≤ 100	AAUC = 125 * L₅₀₋₁₀₀		
0 < IRI ≤ 50	AAUC = 175 * L₀₋₅₀		
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			

Utility Note

FRA-70-22.85, PID 98232

October 11, 2023

“Bidders are advised that the utility facilities within the construction limits not in conflict will not be cleared from the construction area. All utility facilities in conflict within the construction limits of the project will be relocated as identified below.”

All station locations listed below are approximate unless otherwise stated.

Utilities Not Impacted by the Project:

There are multiple utilities within the construction limits of the project area that will remain in place. There is no conflict with the construction of the proposed project. Please review below for a complete listing of all utilities that exist within the construction limits of the project.

<ul style="list-style-type: none">• AEP DISTRIBUTION – ELECTRIC PAUL PAXTON 777 HOPEWELL DR. HEATH, OHIO 43056 (740) 348-5322 O (614) 949-8883 C ptpaxton@aep.com	<ul style="list-style-type: none">• AEP TELECOM UNA BLANUSA ohfiberrelocate@aep.com
<ul style="list-style-type: none">• AEP OHIO POWER (TRANSMISSION) MIKE CARR 8600 SMITHS MILL ROAD NEW ALBANY, OH 43054 (614) 552-1893 (380) 205-5072 mdcarr@aep.com	<ul style="list-style-type: none">• AT&T OHIO - FIBER OPTIC (FKA SBC) MR. DONALD G. MARSHALL JR. MANAGER OSP PLANNING 111 N 4TH ST COLUMBUS, OH 43215 (888) 611-4466 REPAIR SERVICE (937) 296-3929 DAMAGE PREVENTION (614) 216-2396 C dm619w@att.com
<ul style="list-style-type: none">• BREEZELINE (WOW) 3675 CORPORATE DR COLUMBUS, OH 43231 DL_CMHFR@ATLANTICBB.COM jborreson@breezeline.com	<ul style="list-style-type: none">• CHARTER COMMUNICATIONS/SPECTRUM (TIME WARNER COMMUNICATIONS) JOSEPH VLOCK 3760 INTERCHANGE ROAD COLUMBUS, OH 43204 OFFICE: 614-481-5066 CELL: 614-402-1979 Joseph.Vlock@charter.com DL-MOH-CONSTRUCTION-FRELO-TEAM@charter.com
<ul style="list-style-type: none">• COLUMBIA GAS ROB CALDWELL 3550 JOHNNY APPLESEED WAY COLUMBUS, OHIO 43231 614.818.2104 rcaldwell@nisource.com columbiagas_columbuseng@nisource.com	<ul style="list-style-type: none">• CROWN CASTLE FIBER AKA (FIBERTECH & LIGHTOWER, FIBER SYSTEMS LLC) JON TARNOWSKI 2 EASTON OVAL - SUITE 425 COLUMBUS OH 43219 JON TARNOWSKI T: (585) 445-5813 M: (614) 940-2462 JON.TARNOWSKI@CROWNCastle.COM

<ul style="list-style-type: none"> • EVERSTREAM SCOTT LANCIA 240 N 5TH ST., SUITE 168 COLUMBUS, OH 43215 (380) 204-5465 O (614) 515-3479 C slancia@everstream.net ssaleh@everstream.net kkhay@everstream.net 	<ul style="list-style-type: none"> • HORIZON JIM LUMP 1123 GOODALE BLVD, SUITE 550 COLUMBUS, OH 43212 MR. JIM LUMP (740) 772-8256 C HorizonUtility@HorizonConnects.com
<ul style="list-style-type: none"> • LUMEN (CENTURYLINK/LEVEL 3/COMMUNICATIONS/TW TELECOM): 250 W. OLD WILSON BRIDGE SUITE 130 WORTHINGTON, OH 43085 PLEASE SEND PLANS ELECTRONICALLY TO: RELOCATIONS@LUMEN.COM relocations@brightspeed.com 	<ul style="list-style-type: none"> • MMI ATLANTIC LLC JOHN DEGUISE DEGUISE@FB.COM Also Copy: relocations@middlemileinfra.com mablackstone@columbusfiber.net
<ul style="list-style-type: none"> • SUMMITIG STEVE RAGLAND (804) 317-4483 SRAGLAND@SUMMITIG.COM 24-HOUR EMERGENCY SUMMITIG NOC (855) 776-6515 SUMMITIGNOC@SUMMITIG.COM 	<ul style="list-style-type: none"> • VERIZON BUSINESS (AKA MCI/XO) 757 COMMERCE CT LEWIS CENTER, OH 43035 MAURICE JONES CELL: 614-593-6685 BOB DILLOW CELL: 614-816-0361 VZ.NET.COLUMBUS@VERIZON.COM BRIAN.ANSEL@VERIZON.COM

AEP Distribution – Electric

- Utility location: Ex LA R/W
- Expected Relocation Start Date: 8/23/23 Completion Date: 11/23/23
- Joint Users: AEP Telecom, Charter, CoC Traffic, Horizon, Lumen
- Joint Users Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23

There is an existing aerial AEP owned distribution line that is a joint user on the AEP transmission line that is on the left side of Brice Road up to a pole in the northwest corner of Chantry Drive and Brice Road. The distribution line crosses Brice Road to a pole at approximately 5+00 RT. The distribution line follows outside the Brice Road right of way in an easement using a mix of distribution poles and transmission poles. In the southeast corner of the intersection of Brice Road and Tussing Road, there is a distribution pole that supports both the north-south distribution circuit and the east-west distribution circuit. Currently, there is a second east-west distribution circuit on the north side of Tussing Road. This line will be consolidated to the replacement poles on the south side of Tussing Road. A new service pole and easement will be created to re-establish power service to businesses on the north side of Tussing Road. Additionally, the power poles in the southwest corner of the intersection of Scarborough Boulevard and Brice Road will be relocated to provide space for the new signal poles and curb ramps. The aerial line crossing Brice Road will be relocated underground to eliminate the conflict with the signal span wires. These poles are a mix of in an easement and in public right of way.

The culvert replacement and realignment of Chatford Drive requires the relocation of 2 distribution poles on the west side of the culvert. These poles are in public right of way.

There are some distribution poles at the west end of Chatford Drive in an easement that parallels the existing L/A R/W on the north side of IR 70. The project purchased additional L/A R/W and a replacement easement for AEP. The affected distribution power poles will be relocated to the new easement.

The noise wall along IR 270 requires the relocation of the distribution line that follows outside of the L/A R/W in an easement. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

AEP Telecom – Fiber Optic

- Utility location: Ex LA R/W
- Expected Relocation Start Date: 11/23/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing aerial AEP Telecom owned fiber optic line that is a joint user on the AEP transmission poles and distribution poles. The relocation of this line will happen after the AEP poles are relocated.

There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

AEP Transmission – Electric

- Utility location: Ex LA R/W
- Expected Relocation Start Date: 8/15/23 Completion Date: 10/15/23
- Joint Users: AEP, AEP Telecom, Charter, CoC Traffic, Lumen
- Joint Users Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23

There is an existing aerial AEP owned transmission line that is on the left side of Brice Road up to a pole in the northwest corner of Chantry Drive and Brice Road. The transmission line crosses Brice Road to a pole at approximately 5+00 RT. The transmission line follows outside the Brice Road right of way in an easement. The transmission line continues north along the L/A R/W until it crosses IR 70 at STA 596+50. The transmission lines continue on the north side of IR 70 in an easement following the L/A R/W until it continues along the right side of Brice Road heading north until it leaves the project area. Currently the existing wooden transmission poles are set to be replaced with new steel transmission poles. This work will be complete before the sale of the project. The locations of the proposed transmission poles are adjacent to the existing poles. The joint users will be coordinated by AEP Transmission once their project is permitted. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

AT&T Ohio – Fiber Optic, Coax

- Utility location: Ex LA R/W, Ex R/W

- Expected Relocation Start Date: 9/23/23 Completion Date: 12/23/23
- Joint Users: Verizon, Breezeline, Everstream, Crown Castle.
- Joint Users Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23

There are existing underground AT&T Ohio owned cable lines on the west side of Brice from the southern project limit and continue north to a vault in the southbound lane of Brice Road at approximately 10+64 LT. There is an additional cable line that goes west on the right side Scarborough Road. These coax lines will be adjusted vertically and horizontally in spot locations to avoid proposed signal poles and storm sewers.

There are existing underground AT&T Ohio owned cable lines on the west side of Brice coming from the north side of Chantry Drive. These lines continue north to a vault in the southbound lane of Brice Road at approximately 10+64 LT. Continuing north through a series of vaults, one at STA 16+43 LT, another at STA 26+00 LT. The fiber optic line crosses IR 70 by being attached under the bridge before entering another vault at STA 36+00 LT. From this vault, the lines continue on the left side of Brice Road beyond the northern project limits. Due to the bridge replacement, the duct bank will be relocated to the east side of Brice Road between the 26+00 and 36+00 vaults, crossing IR 70 east of the proposed retaining walls at approximately IR 70 STA. 592+80.

There is an additional fiber optic line that goes west on the right side of Scarborough Road. Fiber optic lines continue east in the right curb lane of Tussing Road. Additionally, there are fiber optic and cable lines on the north side of the Tussing Ditch.

There are both fiber and cable lines on the north side of Chatford Drive that will be moved farther north with the realignment of Chatford Drive and the culvert replacement.

There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Breezeline (WoW) – Cable

- Utility location: Ex LA R/W, Ex R/W
- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are aerial fiber lines on the AEP Transmission poles that cross Brice Road from the west side of the Chantry intersection to the east side of Brice Road. This line continues on a mix of AEP transmission poles and distribution poles until the southeast corner of the intersection of Brice Road and Tussing Road. At this point, the line goes aerially west to an AEP distribution pole in the southwest corner of the intersection where the fiber optic line risers down and is underground until it enters the AT&T duct bank at the vault at STA 10+64 LT. On the east side, the aerial line continues on the AEP poles where it risers down a pole at STA 15+40 RT. At this point the underground fiber optic line continues north until it risers up an AEP transmission pole at STA 18+03. There is an aerial fiber optic line on the AEP distribution poles on the south side of Tussing Road continuing east beyond the eastern project limits. The relocation of the aerial lines will be coordinated with the AEP pole relocations.

There is an existing underground Breezeline Cable on the Right side of Chatford Drive. This line crosses under the existing culvert, then crosses to the north side of Chatford Drive at STA 32+90. Then the line continues west until it risers up an AEP pole. The aerial line continues left on AEP poles on the north side of IR 70. This aerial line will be relocated based on the new AEP pole locations. This underground line will be relocated to the left side of Chatford Drive and bored under the proposed culvert. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Charter Spectrum – Cable

- Utility location: Ex LA R/W, Ex R/W
- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing underground Charter Spectrum (Time Warner) owned cable line along the northern side of Chantry Drive from that crosses Brice Road and continues north on the right side of Brice Road. This line crosses under Tussing Ditch. The line continues north following the AEP transmission lines along the right of way before crossing IR 70 at approximately STA 596+60. The lines continue along the outside of L/A R/W before following the Brice Road right of way. At the intersection of Home Depot Drive and Brice Road, the line crosses the intersection aerially from and AEP transmission poles in the north east corner of the intersection to AEP distribution poles in the southwest corner of the intersection. This aerial crossing will be relocated underground to avoid conflicts with the proposed signal. Relocations of the underground cable will be made for clearance to signal poles, temporary shoring for construction of the Tussing Ditch culvert, and storm sewer conflicts.

There is also an existing aerial Charter Spectrum (Time Warner) owned cable line on the AEP distribution poles that start west of the Chatford Drive culvert and continue along the right of way until the end of the proposed noisewall along the L/A R/W of IR 270. This line will be relocated based on the new AEP pole locations. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Columbia Gas of Ohio – Gas

- Utility location: Ex LA R/W, Ex R/W, Private Easement
- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing Columbia Gas of Ohio owned 6” gas line on the west side of Brice Road that cross IR 70 at STA 582+00 and continues along the right of way beyond the northern project limits. Relocations will be made for clearance to signal poles, storm sewers and the stream relocation. The gas line will remain in the final condition.

There is an existing Columbia Gas of Ohio owned 3” gas line that crosses Brice Road south of Tussing Road and continues east on the south side of Tussing Road and continues outside of the

right of way beyond the eastern project limits. Relocations will be made for clearance to signal poles and the stream relocation. The gas line will remain in the final condition.

There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

City of Columbus Division of Power - Distribution

- Utility location: Ex LA R/W
- Expected Relocation Start / Completion Dates: N/A
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

City of Columbus Division of Power owned distribution lines are outside of the project limits and will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Crown Castle - Cable

- Utility location: Ex L/A R/W, Ex R/W
- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are underground cable lines on the east side of Brice Road from the southern project limits running north and crosses Tussing Ditch. The line continues north on the east side of Brice Road, then crosses IR 70. The line continues along the westbound IR 70 off ramp and follows the right side of Brice Road beyond the northern project limits. Relocations will be made for clearance to signal poles and cover. The cable will remain in the final condition. Crown Castle will be joining the AT&T duct bank crossing at IR 70 STA 592+80.

Crown Castle owned cables will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Everstream - Cable

- Utility location: Ex L/A R/W, Ex R/W
- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are underground cable lines on the west side of Brice Road from the southern project limits running north, which crosses Brice Road south of the intersection with Tussing Road and Brice Road. The line heads north on the east side of Brice Road and crosses Tussing Ditch. The

line continues north on the east side of Brice Road, then crosses IR 70. The line continues along the westbound IR 70 off ramp and follows the right side of Brice Road beyond the northern project limits. Relocations will be made for clearance to signal poles and the stream relocation. The cable will remain in the final condition. Everstream will be joining the AT&T duct bank crossing at IR 70 STA 592+80.

Everstream owned cables will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Horizon - Telephone

- Utility location: Ex R/W
- Expected Relocation Start Date: 12/1/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are underground telephone lines on the east side of Brice Road from the southern project limits running north until the southeast corner of the intersection of Tussing Road and Horizon Chillicothe owned telephone lines will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Lumen/Level 3/CenturyLink – Telephone

- Utility location: Ex R/W
- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

Lumen is leasing 2 fibers from Charter on the AEP poles following IR 270 and continuing to the west side of the culvert on Chatford Drive. The line goes underground from the AEP pole and follows the property line north. There an underground fiber line following the east side of Scarborough Road. This line is bored under Brice Road before rising up an AEP pole in the southeast corner of the intersection of Tussing Road and Brice Road. This aerial fiber line goes south to feed the gas station on the east side of Brice Road. The line also crosses Tussing Road to the first AEP Transmission pole where is risers down the pole and follows Brice road to the north property line of the business. The buried line will be spot relocated to accommodate new signal poles and ped buttons. Additional lowers will be performed to resolve conflicts with storm sewer crossings. The aerial line will be relocated to the new AEP poles.

There are existing Lumen lines will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

MMI – Fiber Optic

- Utility location: Ex LA R/W, Ex R/W

- Expected Relocation Start Date: 10/15/23 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are underground fiber optic lines on the west side of Brice Road from the southern project limits running north beyond the northern project limits. MMI will be crossing at approximately IR 70 STA 585+00. Relocations will be made for clearance to signal poles, storm sewer and the stream relocation.

MMI owned fiber optic lines will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Summit IG – Fiber Optic

- Utility location: Ex R/W
- Expected Relocation Start / Completion Dates: N/A
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are existing Summit IG owned fiber optic lines that run along the right side of Brice Rd before moving into the northbound lanes south of the Chantry Drive and Brice Road intersection. The line continues north to a vault in the intersection of Brice Road and Tussing Road. The line runs east behind the right curb line of Tussing Road and continues beyond the eastern project limits. The Summit IG fiber optic lines will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Verizon – Fiber Optic

- Utility location: Ex LA R/W, Ex R/W
- Expected Relocation Start Date: 10/15/2023 Completion Date: 12/23/23
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are existing Verizon owned fiber optic lines that run along Brice Road and Tussing Road. The first fiber optic line enters the project area on the south side of Chantry Drive and turns south to stay on the west side of Brice Road before leaving the southern project limits. The next line enters the project area on the north side of Chantry Drive and crosses Brice Road. The line turns south and exits the project area on the right side of Brice Road. The line also turns north from the Brice Road crossing and heads north. The fiber optic line runs north on the east side of Brice Road. It feeds a mini cell tower at STA 7+68 RT. The line continues north on the right side of Brice Road to a pull box in the southeast corner of the intersection of Brice Road and Tussing Road. From this pull box the lines go both east and west. One line goes east along Tussing Road on the south side until it leaves the project limits. The other line crosses to the west side of Brice Road. There is a pull box on the west side of Brice Road. This pull box is where Verizon exists the AT&T duct bank at STA 10+64 LT. Verizon heads north in the

AT&T duct bank in Brice Road and crosses IR 70 until it exists the duct bank at the AT&T vault at STA 36+00. The fiber optic line runs to a pull box, from which it continues north. At STA 41+58 LT, it feeds a second mini cell tower. The fiber optic line continues north beyond the northern project limits. The Verizon line will join the AT&T duct bank relocation to the east side of Brice Road between the 26+00 and 36+00 vaults, crossing IR 70 east of the proposed retaining walls at approximately IR 70 STA. 592+80. 2 Verizon pull boxes will be replaced with heavy duty traffic rated pull boxes and adjusted to grade during construction. The first is located at Brice Road STA 10+68 LT. The second is located at Brice Road STA 35+95 LT.

The Verizon fiber optic line will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

City of Reynoldsburg – Water, Sanitary, Storm

- Utility location: Ex LA R/W
- Expected Relocation Start / Completion Dates: N/A
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are existing City of Reynoldsburg owned utilities north of IR-70 and east of Brice Rd that are outside of the project limits and will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

Utilities that will require relocation/coordination during the Project:

“Bidders are advised that the following utility facilities within the construction limits in conflict will be relocated as part of the project per plan if public. Not all of the utility facilities within the construction limits will require relocation and shall remain in place within the construction limits of the project if not in conflict- public or private. There are project coordination requirements for the ODOT contractor with private utilities identified below. Their owners and contact information are identified below.”

<ul style="list-style-type: none"> • CITY OF COLUMBUS - DIVISION OF WATER 910 DUBLIN RD. COLUMBUS, OH 43215 614.645.7788 	<ul style="list-style-type: none"> • CITY OF COLUMBUS DPU DIVISION OF SEWERAGE AND DRAINAGE SEWER MAINTENANCE MANAGER 1250 FAIRWOOD AVENUE COLUMBUS, OH 43206 614-645-7102
<ul style="list-style-type: none"> • CITY OF COLUMBUS - TRAFFIC SIGNALS ANDREW VOLENIK 1820 E. 17TH AVE. COLUMBUS, OH 43219 614.645.7799 AMVOLENIK@COLUMBUS.GOV 	<ul style="list-style-type: none"> • COLUMBIA GAS ROB CALDWELL 3550 JOHNNY APPLESEED WAY COLUMBUS, OHIO 43231 614.818.2104 rcaldwell@nisource.com columbiagas_columbuseng@nisource.com

<ul style="list-style-type: none"> • LIGHTING, TRAFFIC SIGNALS: ODOT DISTRICT 6 - TRAFFIC 400 E WILLIAM ST DELAWARE, OH 43015 MR. DAVID CARLIN (740) 833-8267 O (740) 815-6015 C 	<ul style="list-style-type: none"> • POWER, STREET LIGHTING: CITY OF COLUMBUS DIVISION OF POWER - DISTRIBUTION CHARLES HORNER 3500 INDIANOLA AVE COLUMBUS, OH 43214 (614) 645-7569 chorner@columbus.gov
<ul style="list-style-type: none"> • TRAFFIC SIGNALS: CITY OF COLUMBUS TRAFFIC SIGNALS BRAD HEGWOOD 1820 E 187TH AVE COLUMBUS, OH 43219 (614) 560-0839 BDHEGWOOD@COLUMBUS.GOV 	<ul style="list-style-type: none"> • CITY OF COLUMBUS DEPARTMENT OF TECHNOLOGY - CABLE INTERCONNECT SECTION DARRYL JOYCE DAVE MCNALLY 1355 MCKINLEY AVE, BUILDING C COLUMBUS, OH 43222 (614) 645-1501 CONTRACTOR LINE: 614-645-7756 CABLE LOCATES FAX: 614-645-6627 dwmcnally@columbus.gov dhjoyce@columbus.gov bcmickley@columbus.gov
<ul style="list-style-type: none"> • SANITARY, STORM: CITY OF COLUMBUS DPU - DIVISION OF SEWERAGE & DRAINAGE SEWER MAINTENANCE MANAGER 1250 FAIRWOOD AVE COLUMBUS, OH 43026 (614) 645-7102 	<ul style="list-style-type: none"> • CITY OF COLUMBUS - DIVISION OF POWER – STREET LIGHTING 3568 INDIANOLA AVE COLUMBUS, OH 43214 (614) 645-7627 (VOICE)
<ul style="list-style-type: none"> • CENTRAL OFFICE ITS LAB (614) 387-4113 CEN.ITS.LAB@LAB@dot.ohio.gov 	

ODOT District 6 Traffic Lighting & Traffic Signals

- Utility location: Ex LA R/W
- Expected Relocation Start / Completion Dates: Relocation included in the FRA-70-22.85 plans
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are existing underground ODOT District 6 owned electric lighting lines along IR 70, IR 270, Ramp A1, Ramp C1, Ramp F, Ramp M, Ramp N, and Ramp G1. The electric lighting lines will be relocated by the contractor along IR 70/Ramp F from STA 1533+91(Ramp F) to STA 553+68 (IR 70), STA 558+96 to STA 584+85, and STA 588+35 to STA 640+79. The electric lighting lines will be relocated by the contractor along IR 270/Ramp F from STA 1533+91(Ramp F) to STA 1037+77(IR 270). The proposed relocation will be constructed within existing and proposed LA R/W.

City of Columbus DPU – Division of Sewerage and Drainage

- Utility location: Ex R/W, Channel ESMT, and Sewer ESMT

- Expected Relocation Start / Completion Dates: Relocation included in the FRA-70-22.85 plans
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing City of Columbus owned 27” sanitary sewer on the north side of Tussing Road will be mostly unaffected, but 2 manholes will need to be adjusted to grade.

There is also existing City of Columbus owned 8” sanitary sewer on the north side of Chatford Drive will be mostly unaffected, but 1 manhole will need to be adjusted to grade.

There is also existing City of Columbus owned sanitary sewer that crosses Brice Road will be mostly unaffected, but 1 manhole will need to be adjusted to grade.

There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

City of Columbus – Traffic Signals

- Utility location: Ex LA R/W, Ex R/W
- Expected Relocation Start / Completion Dates: Relocation included in the FRA-70-22.85 plans
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing aerial City of Columbus owned service cable from south of the project area along the east side of Brice Road on AEP poles. This aerial line continues north until the intersection of Brice Rd, Ramp C2, and Ramp G2. The service cable risers down an existing AEP pole to cross the ramps underground. The service cable will be relocated by the contractor from STA 24+02 RT to STA 29+24 RT. The service cable will also be relocated by the contractor from STA 32+69 RT to STA 35+88 RT. The service cable will also be relocated by the contractor from STA 41+76 LT to STA 42+96 LT. The proposed relocations will be constructed within the existing LA R/W.

This project replaces the signals at the intersections of Brice Road and Chantry, Brice Road and Scarborough Road, Brice Road and Ramp C2/Ramp G2, Brice Road and Ramp M, Brice Road and Private Drives (Home Depart Drive). Additionally, a CCTV will be added at 29+24 RT.

There is an also an existing underground City of Columbus owned fiber optic line that runs along the east side of Brice Rd and crosses IR 70 at STA 589+60 and will remain in the final condition. There is no conflict with the proposed project; however, contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

City of Columbus Division of Power – Street Lighting

- Utility location: Ex LA R/W, Ex R/W

- Expected Relocation Start / Completion Dates: Relocation included in the FRA-70-22.85 plans
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There are existing underground City of Columbus owned electric lighting lines from STA 13+71 to 20+50 on the west side of Brice Road will be removed. There are existing underground City of Columbus owned electric lighting lines from STA 38+75 to 41+99 on the west side of Brice Road will be removed. The new electric lighting lines will be constructed by the contractor from STA 0+50 to STA 41+70 on both the east and west side of Brice Road. The proposed relocation will be constructed within the proposed R/W along Brice Road.

City of Columbus Division of Water

- Utility location: Ex LA R/W, Ex R/W
- Expected Relocation Start / Completion Dates: Relocation included in the FRA-70-22.85 plans
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing City of Columbus owned 12" water main along the west side of Brice Road that starts beyond the southern project limits. The water main has a cross in the intersection. An 8" water main continues west on Scarborough Boulevard and an 8" water main continues east until it connects to the 16" water main on the east side of Brice Road. The 12" water main also continues north and crosses IR 70 at STA 584+21. The 12" water main continues north beyond the project limits. The proposed 12" relocation will be from move the IR 70 crossing to STA 584+31. This relocation starts at IR 70 STA 584+25 RT and continues on the west side of Brice Road until STA 39+78 LT. There is a lowering on the west side of Brice Road from STA 3+81 LT to STA 4+43 LT. Various fire hydrant and service line relocations will be performed along Brice Road.

There is also an existing City of Columbus owned 16" water main on the east side of Brice Road that starts beyond the southern project limits. The water main will not be affected by the project.

There is an existing City of Columbus owned 8" water main continues east from the cross until it connects to the 16" water main on the east side of Brice Road. This line will be lowered to resolve the conflict with the proposed 42" storm sewer which connects to the Tussing Ditch box culvert.

There is an existing City of Columbus owned 8" water main along the north side of Chatford Drive that starts beyond the project limits. Several water main lowers and a fire hydrant relocation will be performed along Chatford Drive.

A new 6" dry standpipe system will be installed along the westbound CD road from STA 1584+89 LT to STA 1588+63 LT.

The contractor should take care to ensure their work is not detrimental to the utility functionality in the final condition. Damage due to negligence is the fault of the contractor and will not be compensated.

ODOT District 6 / City of Columbus – FO

- Utility location: Ex LA R/W
- Expected Relocation Start / Completion Dates: Relocation included in the FRA-70-22.85 plans
- Joint Users: N/A
- Joint Users Expected Relocation Start /Completion Dates: N/A

There is an existing underground ODOT District 6 / City of Columbus owned fiber optic line along the IR 70 and IR 270 medians. The existing fiber optic conduit running in the IR 70 median west of IR 270 to east of Brice Rd is abandoned and will be relocated by the contractor from IR 70 STA 502+00 to STA 632+41. The proposed relocation will be constructed within the existing LA R/W along the IR 70 median.

There is also an existing underground ODOT District 6 / City of Columbus owned fiber optic line along east side of Brice Road. The fiber optic line will be relocated by the contractor from STA 24+02 to STA 43+00. The proposed relocation will be constructed within the proposed R/W along the eastern side of Brice Road.

The contractor shall exercise caution when working in proximity to the existing utility facilities.

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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: **9/21/2026**

Unit Price Contract

Project Number: 240162

Section 0001 ROADWAY

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0001		201E11000	CLEARING AND GRUBBING (WT: 01)	01	LS	1.000
0002		202E20010	HEADWALL REMOVED (WT: NR)	NR	EACH	8.000
0003		202E20011	HEADWALL REMOVED, AS PER PLAN (WT: NR)	NR	EACH	1.000
0004		202E23000	PAVEMENT REMOVED (WT: NR)	NR	SY	69,518.000
0005		202E30000	WALK REMOVED (WT: NR)	NR	SF	5,508.000
0006		202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	NR	SY	1,469.000
0007		202E30700	CONCRETE BARRIER REMOVED (WT: NR)	NR	FT	1,585.000
0008		202E30800	TRAFFIC ISLAND REMOVED (WT: NR)	NR	SY	72.000
0009		202E32000	CURB REMOVED (WT: NR)	NR	FT	5,137.000
0010		202E32500	CURB AND GUTTER REMOVED (WT: NR)	NR	FT	641.000
0011		202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	NR	FT	2,917.000
0012		202E35200	PIPE REMOVED, OVER 24" (WT: NR)	NR	FT	1,010.000
0013		202E38000	GUARDRAIL REMOVED (WT: NR)	NR	FT	7,522.000
0014		202E38300	GUARDRAIL REMOVED, BARRIER DESIGN (WT: NR)	NR	FT	461.000
0015		202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	NR	EACH	24.000
0016		202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	NR	EACH	3.000
0017		202E47800	IMPACT ATTENUATOR REMOVED (WT: NR)	NR	EACH	1.000
0018		202E48000	CABLE BARRIER REMOVED (WT: NR)	NR	FT	3,118.000
0019		202E58000	MANHOLE REMOVED (WT: NR)	NR	EACH	4.000
0020		202E58100	CATCH BASIN REMOVED (WT: NR)	NR	EACH	21.000
0021		202E75000	FENCE REMOVED (WT: NR)	NR	FT	10,022.000
0022		202E75250	GATE REMOVED (WT: NR)	NR	EACH	5.000
0023		202E75610	VALVE BOX REMOVED (WT: NR)	NR	EACH	8.000
0024		202E98000	REMOVAL MISC.: BLOCK WALL (WT: NR)	NR	LS	1.000
0025		202E98000	REMOVAL MISC.: PRIVATE IRRIGATION (WT: NR)	NR	LS	1.000
0026		202E98100	REMOVAL MISC.: BOULDER (WT: NR)	NR	EACH	9.000
0027		202E98100	REMOVAL MISC.: COMMERCIAL SIGN INCLUDING POWER SERVICE (WT: NR)	NR	EACH	1.000
0028		202E98100	REMOVAL MISC.: COMMUNITY IDENTIFICATION SIGN (WT: NR)	NR	EACH	3.000
0029		202E98100	REMOVAL MISC.: GATE (WT: NR)	NR	EACH	1.000
0030		202E98100	REMOVAL MISC.: LIGHT POLE (WT: NR)	NR	EACH	2.000
0031		203E10000	EXCAVATION (WT: 04)	04	CY	104,198.000
0032		203E20000	EMBANKMENT (WT: 04)	04	CY	94,342.000

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0033	204E10000	SUBGRADE COMPACTION (WT: 06)	06	SY	137,329.000
0034	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	06	CY	2,408.000
0035	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	06	CY	2,408.000
0036	204E45000	PROOF ROLLING (WT: NR)	NR	HOUR	69.000
0037	204E50000	GEOTEXTILE FABRIC (WT: 06)	06	SY	6,877.000
0038	517E74000	RAILING, TIMBER (WT: 36)	36	FT	1,330.000
0039	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	36	FT	7,633.000
0040	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	36	FT	100.000
0041	606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING (WT: 36)	36	FT	38.000
0042	606E15550	GUARDRAIL, BARRIER DESIGN, TYPE MGS (WT: 36)	36	FT	483.000
0043	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	36	EACH	14.000
0044	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	36	EACH	10.000
0045	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	36	EACH	15.000
0046	606E35004	BRIDGE TERMINAL ASSEMBLY, TYPE 1, BARRIER DESIGN (WT: 36)	36	EACH	3.000
0047	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	36	EACH	7.000
0048	606E55010	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION (SOCKETED) (WT: 36)	36	FT	2,125.000
0049	606E55150	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY TENSION CABLE ANCHOR TERMINAL (WT: 36)	36	EACH	1.000
0050	606E60022	IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL), 70 MPH (WT: 36)	36	EACH	3.000
0051	606E60028	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), 70 MPH (WT: 36)	36	EACH	3.000
0052	607E23000	FENCE, TYPE CLT (WT: 37)	37	FT	7,654.000
0053	607E61200	GATE, TYPE CLT (WT: 37)	37	EACH	6.000
0054	607E70000	FENCELINE SEEDING AND MULCHING (WT: 46)	46	FT	7,654.000
0055	608E10000	4" CONCRETE WALK (WT: 38)	38	SF	3,854.000
0056	608E15000	8" CONCRETE WALK (WT: 38)	38	SF	7,732.000
0057	608E52000	CURB RAMP (WT: 38)	38	SF	2,017.000
0058	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	38	SF	332.000
0059	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	38	FT	8,576.000
0060	609E26000	CURB, TYPE 6 (WT: 38)	38	FT	2,009.000
0061	609E72000	CONCRETE MEDIAN (WT: 38)	38	SY	2,456.000
0062	622E10060	CONCRETE BARRIER, SINGLE SLOPE, TYPE B (WT: 38)	38	FT	222.000
0063	622E10100	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 (WT: 38)	38	FT	572.000
0064	622E10120	CONCRETE BARRIER, SINGLE SLOPE, TYPE C (WT: 38)	38	FT	4,546.000
0065	622E10140	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1 (WT: 38)	38	FT	1,278.000

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0066		622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	38	FT	2,287.000
0067		622E24840	CONCRETE BARRIER END SECTION, TYPE B (WT: 38)	38	EACH	1.000
0068		622E24850	CONCRETE BARRIER END SECTION, TYPE B1 (WT: 38)	38	EACH	4.000
0069		622E24860	CONCRETE BARRIER END SECTION, TYPE C1 (WT: 38)	38	EACH	1.000
0070		622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	38	EACH	18.000
0071		622E25004	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B (WT: 38)	38	EACH	6.000
0072		622E25006	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1 (WT: 38)	38	EACH	1.000
0073		622E25008	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C (WT: 38)	38	EACH	45.000
0074		622E25009	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C, AS PER PLAN (WT: 38)	38	EACH	2.000
0075		622E25014	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1 (WT: 38)	38	EACH	12.000
0076		622E25015	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN (WT: 38)	38	EACH	1.000
0077		622E25050	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D (WT: 38)	38	EACH	17.000
0078		622E25051	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN (WT: 38)	38	EACH	1.000
0079		623E38500	MONUMENT ASSEMBLY, TYPE C, TYPE A (WT: NR)	NR	EACH	1.000
0080		623E38500	MONUMENT ASSEMBLY, TYPE C, TYPE C (WT: NR)	NR	EACH	4.000
0081		623E40520	RIGHT-OF-WAY MONUMENT, TYPE B, TYPE B (WT: NR)	NR	EACH	44.000
0082		625E32000	GROUND ROD (WT: 43)	43	EACH	37.000
0083		690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	NR	EACH	2.000
0084		690E98300	SPECIAL - MOW STRIP (WT: 38)	38	SY	945.000
0085		878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	NR	LS	1.000

Section 0002 EROSION CONTROL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0086		601E11000	RIPRAP, TYPE D (WT: 35)	35	SY	93.000
0087		601E11001	RIPRAP, TYPE D, AS PER PLAN (WT: 35)	35	SY	70.000
0088		601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	35	SY	8.000
0089		601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	35	CY	45.000
0090		601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	35	CY	52.000
0091		659E00100	SOIL ANALYSIS TEST (WT: NR)	NR	EACH	2.000
0092		659E00300	TOPSOIL (WT: 46)	46	CY	12,929.000
0093		659E10000	SEEDING AND MULCHING (WT: 46)	46	SY	105,159.000
0094		659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	46	SY	5,258.000
0095		659E15000	INTER-SEEDING (WT: 46)	46	SY	5,258.000

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0096	659E20000	COMMERCIAL FERTILIZER (WT: 46)	46	TON	23.700
0097	659E31000	LIME (WT: 46)	46	ACRE	21.700
0098	659E35000	WATER (WT: 46)	46	MGAL	596.000
0099	659E40000	MOWING (WT: 46)	46	MSF	237.000
0100	670E00560	SLOPE EROSION PROTECTION MAT, TYPE F (WT: 46)	46	SY	9,771.000
0101	671E15000	EROSION CONTROL MAT, TYPE A (WT: 46)	46	SY	436.000
0102	671E15010	EROSION CONTROL MAT, TYPE B (WT: 46)	46	SY	334.000
0103	671E15050	EROSION CONTROL MAT, TYPE F (WT: 46)	46	SY	3,765.000
0104	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	NR	LS	1.000
0105	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	NR	LS	1.000
0106	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	NR	LS	1.000
0107	832E30000	EROSION CONTROL (WT: 08)	08	EACH	458,362.000
0108	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	46	SY	1,588.000

Section 0003 DRAINAGE

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0109		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0110		503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	35	CY	68.000
0111		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	4,611.000
0112		510E09950	DOWEL HOLES WITH CEMENT GROUT (WT: 35)	35	EACH	34.000
0113		511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	35	CY	12.000
0114		511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	35	CY	18.000
0115		511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	35	CY	1.000
0116		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	23.000
0117		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	131.000
0118		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	15.000
0119		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	7.000
0120		602E20000	CONCRETE MASONRY (WT: 35)	35	CY	106.000
0121		602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	35	CY	3.000
0122		605E05100	4" SHALLOW PIPE UNDERDRAINS (18" DEEP) (WT: 35)	35	FT	8,525.000
0123		605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	35	FT	154.000
0124		605E11100	6" SHALLOW PIPE UNDERDRAINS (18" DEEP) (WT: 35)	35	FT	41,654.000
0125		605E11100	6" SHALLOW PIPE UNDERDRAINS (30" DEEP) (WT: 35)	35	FT	31,901.000

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0126	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	35	FT	2,404.000
0127	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	35	FT	83.000
0128	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	35	FT	1,788.000
0129	611E01500	6" CONDUIT, TYPE F (WT: 35)	35	FT	40.000
0130	611E02000	8" CONDUIT, TYPE C, 706.02 (WT: 35)	35	FT	44.000
0131	611E02000	8" CONDUIT, TYPE C, 707.33 (WT: 35)	35	FT	40.000
0132	611E03300	10" CONDUIT, TYPE C, 706.02 (WT: 35)	35	FT	20.000
0133	611E03300	10" CONDUIT, TYPE C, 707.01 (WT: 35)	35	FT	10.000
0134	611E04400	12" CONDUIT, TYPE B (WT: 35)	35	FT	730.000
0135	611E04400	12" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	25.000
0136	611E04600	12" CONDUIT, TYPE C (WT: 35)	35	FT	341.000
0137	611E04600	12" CONDUIT, TYPE C, 706.02 (WT: 35)	35	FT	43.000
0138	611E05200	12" CONDUIT, TYPE F (WT: 35)	35	FT	102.000
0139	611E05900	15" CONDUIT, TYPE B (WT: 35)	35	FT	3,819.000
0140	611E05900	15" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	222.000
0141	611E06100	15" CONDUIT, TYPE C (WT: 35)	35	FT	859.000
0142	611E06100	15" CONDUIT, TYPE C, 706.02 (WT: 35)	35	FT	317.000
0143	611E06100	15" CONDUIT, TYPE C, CONCRETE ENCASEMENT (WT: 35)	35	FT	143.000
0144	611E06700	15" CONDUIT, TYPE F (WT: 35)	35	FT	90.000
0145	611E07400	18" CONDUIT, TYPE B (WT: 35)	35	FT	813.000
0146	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	364.000
0147	611E07400	18" CONDUIT, TYPE B, CONCRETE ENCASEMENT (WT: 35)	35	FT	61.000
0148	611E07600	18" CONDUIT, TYPE C (WT: 35)	35	FT	508.000
0149	611E08900	21" CONDUIT, TYPE B (WT: 35)	35	FT	160.000
0150	611E08900	21" CONDUIT, TYPE B, 707.33 (WT: 35)	35	FT	10.000
0151	611E10400	24" CONDUIT, TYPE B (WT: 35)	35	FT	152.000
0152	611E10600	24" CONDUIT, TYPE C (WT: 35)	35	FT	24.000
0153	611E10600	24" CONDUIT, TYPE C, 706.02 (WT: 35)	35	FT	6.000
0154	611E13400	30" CONDUIT, TYPE B (WT: 35)	35	FT	157.000
0155	611E13400	30" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	93.000
0156	611E13400	30" CONDUIT, TYPE B, JOINTS PER 706.11 (WT: 35)	35	FT	108.000
0157	611E13600	30" CONDUIT, TYPE C, 707.33 (WT: 35)	35	FT	86.000
0158	611E16400	36" CONDUIT, TYPE B (WT: 35)	35	FT	320.000
0159	611E19400	42" CONDUIT, TYPE B (WT: 35)	35	FT	168.000
0160	611E19400	42" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	80.000

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0161		611E21100	48" CONDUIT, TYPE C (WT: 35)	35	FT	132.000
0162		611E21100	48" CONDUIT, TYPE C, 706.02 (WT: 35)	35	FT	10.000
0163		611E26200	72" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	12.000
0164		611E28000	84" CONDUIT, TYPE A, 706.02 (WT: 35)	35	FT	42.000
0165		611E28200	84" CONDUIT, TYPE B (WT: 35)	35	FT	80.000
0166		611E28200	84" CONDUIT, TYPE B, 706.02 (WT: 35)	35	FT	10.000
0167		611E94939	9' X 5' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	35	FT	38.000
0168		611E98150	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	35	EACH	11.000
0169		611E98180	CATCH BASIN, NO. 3A (WT: 35)	35	EACH	25.000
0170		611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	35	EACH	12.000
0171		611E98300	CATCH BASIN, NO. 5 (WT: 35)	35	EACH	9.000
0172		611E98341	CATCH BASIN, NO. 5A (WT: 35)	35	EACH	1.000
0173		611E98370	CATCH BASIN, NO. 6 (WT: 35)	35	EACH	7.000
0174		611E98410	CATCH BASIN, NO. 8 (WT: 35)	35	EACH	2.000
0175		611E98411	CATCH BASIN, NO. 8, AS PER PLAN (WT: 35)	35	EACH	4.000
0176		611E98451	CATCH BASIN, NO. 2-2A, AS PER PLAN (WT: 35)	35	EACH	3.000
0177		611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	35	EACH	3.000
0178		611E99110	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1 (WT: 35)	35	EACH	16.000
0179		611E99114	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D (WT: 35)	35	EACH	14.000
0180		611E99115	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D, AS PER PLAN (WT: 35)	35	EACH	1.000
0181		611E99574	MANHOLE, NO. 3 (WT: 35)	35	EACH	18.000
0182		611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	35	EACH	25.000
0183		611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	35	EACH	3.000
0184		611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	35	EACH	35.000
0185		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	132.000

Section 0004 PAVEMENT

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0186		254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (WT: 13)	13	SY	124,026.000
0187		301E56000	ASPHALT CONCRETE BASE, PG64-22, (449) (WT: 10)	10	CY	33,524.000
0188		304E20000	AGGREGATE BASE (WT: 09)	09	CY	26,995.000
0189		407E20000	NON-TRACKING TACK COAT (WT: 10)	10	GAL	37,896.000
0190		441E70000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22, (SHARED-USE PATH) (WT: 10)	10	CY	108.000

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0191	441E70300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (SHARED-USE PATH) (WT: 10)	10	CY	151.000
0192	441E70500	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS) (WT: 10)	10	CY	9.000
0193	441E70700	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS) (WT: 10)	10	CY	12.000
0194	441E70800	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), (UNDER GUARDRAIL) (WT: 10)	10	CY	48.000
0195	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	10	CY	16,491.000
0196	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG70-22M (WT: 10)	10	CY	7,016.000
0197	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M (WT: 10)	10	CY	552.000
0198	442E10080	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	10	CY	10,997.000
0199	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	10	CY	2,074.000
0200	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	12	SY	1,354.000
0201	452E13010	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	12	SY	9,974.000
0202	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	NR	MILE	4.310
0203	690E12060	SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE (WT: NR)	NR	SY	17,026.000
0204	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	10	FT	37,000.000

Section 0005 WATER WORK

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0205		638E20046	SPECIAL - 6" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS, COC 801 (WT: 35)	35	FT	566.000
0206		638E20086	SPECIAL - 8" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS, COC 806 (WT: 35)	35	FT	99.000
0207		638E20168	SPECIAL - 12" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS, COC 801 (WT: 35)	35	FT	1,183.000
0208		638E20464	SPECIAL - 24" STEEL PIPE ENCASMENT, BORED OR JACKED, COC 806 (WT: 51)	51	FT	384.000
0209		638E20498	SPECIAL - VALVE BOX, COC 802 (WT: 35)	35	EACH	1.000
0210		638E20500	SPECIAL - VALVE BOX ADJUSTED TO GRADE, COC 807 (WT: 35)	35	EACH	8.000
0211		638E20538	SPECIAL - 6" GATE VALVE WITH VALVE BOX, COC 802 (WT: 35)	35	EACH	5.000
0212		638E20554	SPECIAL - 8" GATE VALVE WITH VALVE BOX, COC 802 (WT: 35)	35	EACH	1.000
0213		638E20596	SPECIAL - 12" CUTTING IN SLEEVE, COC 801 (WT: 35)	35	EACH	3.000
0214		638E20706	SPECIAL - 12" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX, COC 803 (WT: 35)	35	EACH	7.000
0215		638E20742	SPECIAL - 1" AIR RELEASE VALVE WITH VALVE BOX, COC 812 (WT: 35)	35	EACH	1.000

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0216	638E20750	SPECIAL - 6" FIRE HYDRANT, COC 809 (WT: 35)	35	EACH	5.000
0217	638E20754	SPECIAL - FIRE HYDRANT REMOVED AND RESET, COC 809 (WT: 35)	35	EACH	1.000
0218	638E20760	SPECIAL - FIRE HYDRANT REMOVED AND DISPOSED OF, COC 809 (WT: 35)	35	EACH	5.000
0219	638E20796	SPECIAL - RETAP, RECONNECT AND EXTEND 3/4" COPPER WATER SERVICE CONNECTION, COC 808 (WT: 35)	35	FT	23.000
0220	638E20836	SPECIAL - RETAP, RECONNECT AND EXTEND 1 1/2" COPPER WATER SERVICE CONNECTION, COC 808 (WT: 35)	35	FT	94.000
0221	638E20860	SPECIAL - LOWER AND EXTEND 2" COPPER WATER SERVICE CONNECTION, COC 808 (WT: 35)	35	FT	45.000
0222	638E20866	SPECIAL - RETAP, RECONNECT AND EXTEND 2" POLYETHYLENE WATER SERVICE CONNECTION, COC 808 (WT: 35)	35	FT	18.000
0223	638E20896	SPECIAL - 1 1/2" CORPORATION STOP, COC 803 (WT: 35)	35	EACH	1.000
0224	638E20902	SPECIAL - SERVICE BOX ADJUSTED TO GRADE, COC 807 (WT: 35)	35	EACH	1.000
0225	638E98000	WATER WORK, MISC.: DRY STAND PIPE (WT: 35)	35	EACH	2.000

Section 0006 LIGHTING - ODOT

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0226		625E00450	CONNECTION, FUSED PULL APART (WT: 43)	43	EACH	30.000
0227		625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	43	EACH	42.000
0228		625E10490	LIGHT POLE, CONVENTIONAL, AT20B40 (WT: 43)	43	EACH	15.000
0229		625E13200	LIGHT TOWER, BBBB100 (WT: 43)	43	EACH	1.000
0230		625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	43	EACH	15.000
0231		625E15700	LIGHT TOWER FOUNDATION, MISC.: 42" X 25' DEEP (WT: 43)	43	EACH	14.000
0232		625E15700	LIGHT TOWER FOUNDATION, MISC.: MEDIAN, 42" X 25' DEEP (WT: 43)	43	EACH	3.000
0233		625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	43	FT	7,560.000
0234		625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	43	FT	1,800.000
0235		625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	43	FT	10,889.000
0236		625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	43	FT	551.000
0237		625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 480V (WT: 43)	43	EACH	15.000
0238		625E26263	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN, 480V, TYPE 3 (WT: 43)	43	EACH	52.000
0239		625E26263	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN, 480V, TYPE 5 (WT: 43)	43	EACH	24.000
0240		625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 480V (WT: 43)	43	EACH	22.000
0241		625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, NIGHTTIME (WT: 43)	43	EACH	24.000

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0242	625E29000	TRENCH (WT: 43)	43	FT	9,642.000
0243	625E29930	MEDIAN JUNCTION BOX (WT: 43)	43	EACH	6.000
0244	625E30700	PULL BOX, 725.08, 18" (WT: 43)	43	EACH	16.000
0245	625E30706	PULL BOX, 725.08, 24" (WT: 43)	43	EACH	3.000
0246	625E30707	PULL BOX, 725.08, 24", AS PER PLAN (WT: 43)	43	EACH	2.000
0247	625E31510	PULL BOX REMOVED (WT: 43)	43	EACH	9.000
0248	625E32000	GROUND ROD (WT: 43)	43	EACH	49.000
0249	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	43	EACH	2.000
0250	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	43	EACH	3.000
0251	625E35020	RE-ERECT EXISTING LIGHT TOWER (WT: 43)	43	EACH	16.000
0252	625E37101	SERVICE TO UNDERPASS LIGHTING, AS PER PLAN (WT: 43)	43	EACH	2.000
0253	625E38000	HIGH VOLTAGE TEST (WT: 43)	43	LS	1.000
0254	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	43	LS	1.000
0255	625E75360	LIGHT TOWER REMOVED FOR STORAGE (WT: NR)	NR	EACH	16.000
0256	625E75400	LIGHT POLE REMOVED (WT: NR)	NR	EACH	17.000
0257	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	NR	EACH	17.000
0258	625E75506	LUMINAIRE REMOVED (WT: NR)	NR	EACH	93.000
0259	625E75510	POWER SERVICE REMOVED (WT: NR)	NR	EACH	1.000
0260	625E75540	LIGHT TOWER FOUNDATION REMOVED (WT: NR)	NR	EACH	16.000
0261	625E75551	DISTRIBUTION CABLE REMOVED, AS PER PLAN (WT: NR)	NR	FT	13,000.000
0262	625E75800	DISCONNECT CIRCUIT (WT: NR)	NR	EACH	1.000
0263	625E76000	ARC FLASH CALCULATIONS AND LABEL, PS-S11-PR (WT: NR)	NR	EACH	1.000
0264	625E76000	ARC FLASH CALCULATIONS AND LABEL, PS-S8-PR (WT: NR)	NR	EACH	1.000
0265	625E76000	ARC FLASH CALCULATIONS AND LABEL, PS-S9-PR (WT: NR)	NR	EACH	1.000

Section 0007 LIGHTNG - CITY OF COLUMBUS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0266		625E98000	LIGHTING, MISC.: FOUNDATION REMOVAL (MIS-900) (WT: 43)	43	EACH	5.000
0267		625E98000	LIGHTING, MISC.: LUMINAIRE, LED, COBRA HEAD, 118W (MIS-800) (WT: 43)	43	EACH	21.000
0268		625E98000	LIGHTING, MISC.: LUMINAIRE, LED, COBRA HEAD, 190W (MIS-800) (WT: 43)	43	EACH	8.000
0269		625E98000	LIGHTING, MISC.: POLE TO BE WIRED, 3 WIRE (MIS-501) (WT: 43)	43	EACH	29.000
0270		625E98000	LIGHTING, MISC.: POLE, ALUMINUM, 10' BRACKET, T-BASE, 40' MOUNTING HEIGHT (MIS-301) (WT: 43)	43	EACH	27.000
0271		625E98000	LIGHTING, MISC.: POLE, ALUMINUM, 15' BRACKET, T-BASE, 40' MOUNTING HEIGHT (MIS-302) (WT: 43)	43	EACH	2.000

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0272	625E98000	LIGHTING, MISC.: PULL BOX, 13"X24" (MIS-54) (WT: 43)	43	EACH	16.000
0273	625E98000	LIGHTING, MISC.: PULL BOX, 17"X30" (MIS-54 MOD) (WT: 43)	43	EACH	5.000
0274	625E98000	LIGHTING, MISC.: STREET LIGHT FOUNDATION, 8' (MIS-202) (WT: 43)	43	EACH	29.000
0275	625E98100	LIGHTING, MISC.: 2" CONDUIT, CONCRETE ENCASED (MIS-700) (WT: 43)	43	FT	4,534.000
0276	625E98100	LIGHTING, MISC.: UNDERGROUND CIRCUIT, 3 WIRE (MIS-404) (WT: 43)	43	FT	5,739.000
0277	625E98100	LIGHTING, MISC.:3" RIGID STEEL WITH 2" CONDUIT INSERT (MIS-702), JACKING, DRILLING, OR PUSHING (WT: 43)	43	FT	754.000
0278	625E98200	LIGHTING, MISC.: EXISTING UNDERGROUND SYSTEM REMOVAL (MIS-902) (WT: 43)	43	LS	1.000

Section 0008 TRAFFIC CONTROL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0279		620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	NR	EACH	11.000
0280		621E00100	RPM (WT: 41)	41	EACH	1,681.000
0281		621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	NR	EACH	851.000
0282		625E32000	GROUND ROD (WT: 43)	43	EACH	19.000
0283		626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	NR	EACH	160.000
0284		626E00102	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	NR	EACH	88.000
0285		626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	NR	EACH	112.000
0286		626E00110	BARRIER REFLECTOR, TYPE 2, ONE WAY (WT: NR)	NR	EACH	46.000
0287		626E00118	BARRIER REFLECTOR, TYPE 6, BIDIRECTIONAL (WT: NR)	NR	EACH	25.000
0288		630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	42	FT	1,239.000
0289		630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	42	FT	204.000
0290		630E08210	GROUND MOUNTED SUPPORT, PIPE (WT: 42)	42	FT	18.100
0291		630E08600	SIGN POST REFLECTOR (WT: 42)	42	EACH	37.000
0292		630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	42	EACH	10.000
0293		630E09050	TRIANGULAR SLIP BASE CONNECTION (WT: 42)	42	EACH	1.000
0294		630E72231	OVERHEAD SIGN SUPPORT, TYPE TC-9.31, DESIGN 5, AS PER PLAN (WT: 42)	42	EACH	1.000
0295		630E72321	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6, AS PER PLAN (WT: 42)	42	EACH	1.000
0296		630E72330	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10 (WT: 42)	42	EACH	1.000
0297		630E72340	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12 (WT: 42)	42	EACH	2.000
0298		630E72410	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1 (WT: 42)	42	EACH	2.000
0299		630E72420	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2 (WT: 42)	42	EACH	2.000
0300		630E72431	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 3, AS PER PLAN (WT: 42)	42	EACH	1.000
0301		630E75000	SIGN ATTACHMENT ASSEMBLY (WT: 42)	42	EACH	1.000

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0302	630E76561	SPAN WIRE SIGN SUPPORT, TYPE TC-17.11, DESIGN 14, AS PER PLAN (WT: 42)	42	EACH	4.000
0303	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	42	EACH	19.000
0304	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	42	EACH	2.000
0305	630E79501	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN (WT: 42)	42	EACH	17.000
0306	630E80100	SIGN, FLAT SHEET (WT: 42)	42	SF	1,048.000
0307	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	42	SF	272.000
0308	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	42	SF	2,160.000
0309	630E84010	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50 (WT: 42)	42	EACH	5.000
0310	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	42	EACH	10.000
0311	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	42	EACH	9.000
0312	630E84511	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	42	EACH	1.000
0313	630E84520	SPAN WIRE SIGN SUPPORT FOUNDATION (WT: 42)	42	EACH	4.000
0314	630E84600	GROUND MOUNTED PIPE SUPPORT FOUNDATION (WT: 42)	42	EACH	1.000
0315	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	82.000
0316	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	42	EACH	2.000
0317	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	NR	EACH	5.000
0318	630E85600	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION (WT: 42)	42	EACH	1.000
0319	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	80.000
0320	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	8.000
0321	630E86272	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	2.000
0322	630E86292	REMOVAL OF GROUND MOUNTED WOODEN BOX BEAM SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	2.000
0323	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	42	EACH	3.000
0324	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	29.000
0325	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	12.000
0326	630E89706	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30 (WT: NR)	NR	EACH	3.000
0327	630E89804	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-15.115 (WT: NR)	NR	EACH	5.000
0328	644E00100	EDGE LINE, 4" (WT: 45)	45	MILE	1.540
0329	644E00200	LANE LINE, 4" (WT: 45)	45	MILE	2.680
0330	644E00300	CENTER LINE (WT: 45)	45	MILE	0.170
0331	644E00400	CHANNELIZING LINE, 8" (WT: 45)	45	FT	8,517.000
0332	644E00500	STOP LINE (WT: 45)	45	FT	581.000

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0333	644E00620	CROSSWALK LINE, 12" (WT: 45)	45	FT	1,008.000
0334	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	45	FT	658.000
0335	644E00720	CHEVRON MARKING (WT: 45)	45	FT	784.000
0336	644E01300	LANE ARROW (WT: 45)	45	EACH	75.000
0337	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	45	EACH	6.000
0338	644E01510	DOTTED LINE, 6" (WT: 45)	45	FT	722.000
0339	644E01514	DOTTED LINE, 8" (WT: 45)	45	FT	942.000
0340	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	45	FT	111.000
0341	644E50300	PAVEMENT MARKING, MISC.: CROSSWALK LINE, 10" (WT: 45)	45	FT	712.000
0342	646E10000	EDGE LINE, 4" (WT: 45)	45	MILE	0.170
0343	646E10100	LANE LINE, 4" (WT: 45)	45	MILE	0.300
0344	646E10300	CHANNELIZING LINE, 8" (WT: 45)	45	FT	830.000
0345	646E10400	STOP LINE (WT: 45)	45	FT	252.000
0346	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	45	FT	160.000
0347	646E20300	LANE ARROW (WT: 45)	45	EACH	27.000
0348	646E20320	WRONG WAY ARROW (WT: 45)	45	EACH	3.000
0349	646E20506	DOTTED LINE, 8" (WT: 45)	45	FT	469.000
0350	647E20080	CROSSWALK LINE, 24", TYPE B90 (WT: 45)	45	FT	594.000
0351	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	45	MILE	0.800
0352	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	45	MILE	0.210
0353	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	45	FT	965.000
0354	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	45	MILE	10.140
0355	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	45	MILE	5.620
0356	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	45	FT	13,844.000
0357	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	45	FT	7,193.000
0358	814E00014	STATE ROUTE SHIELD SYMBOL MARKING, TYPE B125 (WT: 45)	45	EACH	4.000
0359	814E00016	CARDINAL DIRECTION (NORTH, SOUTH, WEST & EAST) MARKING, TYPE B125 (WT: 45)	45	EACH	2.000
0360	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	45	MILE	15.760
0361	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	45	FT	7,193.000
0362	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	45	FT	13,844.000

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0363		850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	45	MILE	1.000
0364		850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	45	FT	965.000

Section 0009 TRAFFIC SIGNALS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0365		625E18511	BRACKET ARM, 30', AS PER PLAN (WT: 43)	43	EACH	2.000
0366		625E23001	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE, AS PER PLAN (WT: 43)	43	FT	2,206.000
0367		625E25408	CONDUIT, 2", 725.051 (WT: 43)	43	FT	1,543.000
0368		625E25504	CONDUIT, 3", 725.051 (WT: 43)	43	FT	445.000
0369		625E25802	CONDUIT, CONCRETE ENCASED, 2" (WT: 43)	43	FT	1,030.000
0370		625E25802	CONDUIT, CONCRETE ENCASED, 3" (WT: 43)	43	FT	119.000
0371		625E25920	CONDUIT, MISC.: 2" CONDUIT, FIBERGLASS REINFORCED, ATTACHED TO STRUCTURE (WT: 43)	43	FT	121.000
0372		625E25920	CONDUIT, MISC.: 3" CONDUIT, FIBERGLASS REINFORCED, ATTACHED TO STRUCTURE (WT: 43)	43	FT	65.000
0373		625E29001	TRENCH, AS PER PLAN (WT: 43)	43	FT	2,055.000
0374		625E30710	PULL BOX, 725.08, 32", AS PER PLAN (WT: 43)	43	EACH	4.000
0375		625E30731	PULL BOX, 725.08, 48", TYPE 1, AS PER PLAN (WT: 43)	43	EACH	1.000
0376		625E31600	PULL BOX, MISC.: 725.06, (12"X18") (WT: 43)	43	EACH	11.000
0377		625E31600	PULL BOX, MISC.: 725.08, 27" (WT: 43)	43	EACH	10.000
0378		625E32000	GROUND ROD (WT: 43)	43	EACH	56.000
0379		630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	42	EACH	3.000
0380		630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	42	EACH	1.000
0381		630E80100	SIGN, FLAT SHEET (WT: 42)	42	SF	33.000
0382		630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	42	EACH	8.000
0383		630E97700	SIGNING, MISC.: TRAFFIC SIGNAL SIGNS (WT: 42)	42	EACH	5.000
0384		632E03201	VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 3-SECTION, 12" LENS, 1-WAY, AS PER PLAN (WT: 44)	44	EACH	5.000
0385		632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	44	EACH	49.000
0386		632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	44	EACH	11.000
0387		632E20730	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN (WT: 44)	44	EACH	22.000
0388		632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	44	EACH	65.000
0389		632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	44	EACH	22.000
0390		632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	44	EACH	6.000

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0391	632E29901	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES, AS PER PLAN (WT: 44)	44	FT	723.000
0392	632E30400	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES (WT: 44)	44	FT	2,543.000
0393	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	44	FT	2,543.000
0394	632E40400	SIGNAL CABLE, 4 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	90.000
0395	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	6,427.000
0396	632E40900	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	4,552.000
0397	632E41000	SIGNAL CABLE, 10 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	269.000
0398	632E64000	STRAIN POLE FOUNDATION (WT: 44)	44	EACH	13.000
0399	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	44	EACH	1.000
0400	632E64020	PEDESTAL FOUNDATION (WT: 44)	44	EACH	20.000
0401	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	44	FT	3,099.000
0402	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	44	FT	130.000
0403	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	44	FT	171.000
0404	632E69200	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	30.000
0405	632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	193.000
0406	632E69350	POWER CABLE, MISC.: 3 CONDUCTOR, NO. 1 AWG (WT: 44)	44	FT	981.000
0407	632E69950	SERVICE CABLE, MISC.: 3 CONDUCTOR, NO. 1 AWG (WT: 44)	44	FT	142.000
0408	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	44	EACH	5.000
0409	632E80700	SIGNAL SUPPORT, MISC.:COC SIGNAL SUPPORT, TYPE 4120, DESIGN NO. 13 (WT: 44)	44	EACH	1.000
0410	632E83600	STRAIN POLE, MISC.: COC COMBINATION STRAIN POLE, TYPE 4170, DESIGN NO. 12 (WT: 44)	44	EACH	1.000
0411	632E83600	STRAIN POLE, MISC.: COC COMBINATION STRAIN POLE, TYPE 4170, DESIGN NO. 13 (WT: 44)	44	EACH	1.000
0412	632E83600	STRAIN POLE, MISC.: COC STRAIN POLE, TYPE 4170, DESIGN NO. 10 (WT: 44)	44	EACH	1.000
0413	632E83600	STRAIN POLE, MISC.: COC STRAIN POLE, TYPE 4170, DESIGN NO. 11 (WT: 44)	44	EACH	1.000
0414	632E83600	STRAIN POLE, MISC.: COC STRAIN POLE, TYPE 4170, DESIGN NO. 12 (WT: 44)	44	EACH	1.000
0415	632E83600	STRAIN POLE, MISC.: COC STRAIN POLE, TYPE 4170, DESIGN NO. 13 (WT: 44)	44	EACH	11.000
0416	632E83600	STRAIN POLE, MISC.: COC STRAIN POLE, TYPE 4170, DESIGN NO. 14 (WT: 44)	44	EACH	4.000
0417	632E90010	PEDESTAL, MISC.: PEDESTRIAN PEDESTAL, 10.7', TRANSFORMER BASE (WT: 44)	44	EACH	15.000
0418	632E90010	PEDESTAL, MISC.: PEDESTRIAN PEDESTAL, 21', TRANSFORMER BASE (WT: 44)	44	EACH	4.000
0419	632E90010	PEDESTAL, MISC.:PEDESTRIAN PEDESTAL, 12.7', TRANSFORMER BASE (WT: 44)	44	EACH	1.000
0420	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	44	EACH	5.000
0421	632E90400	SIGNALIZATION, MISC.: APS PUSHBUTTON STATION (WT: 44)	44	EACH	6.000

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0422		632E90400	SIGNALIZATION, MISC.: CONDUIT RISER, 2" DIAMETER, SCH 80 (GRAY) 725.03 (WT: 44)	44	EACH	4.000
0423		632E90400	SIGNALIZATION, MISC.: CONDUIT RISER, 2", 725.04, MODIFIED (WT: 44)	44	EACH	1.000
0424		632E90400	SIGNALIZATION, MISC.: COVERING OF PEDESTRIAN PUSHBUTTON (WT: 44)	44	EACH	12.000
0425		632E90400	SIGNALIZATION, MISC.: FOUNDATION PRE-EXCAVATION (WT: 44)	44	EACH	3.000
0426		632E90400	SIGNALIZATION, MISC.: POWER METER CABINET (TYPE I OR TYPE II), BASE MOUNT, WITH FOUNDATION (WT: 44)	44	EACH	5.000
0427		632E90400	SIGNALIZATION, MISC.: STRAIN POLE ANCHOR BOLTS (WT: 44)	44	EACH	4.000
0428		632E90400	SIGNALIZATION, MISC.: STRAIN POLE FOUNDATION, 20' DEEP (WT: 44)	44	EACH	1.000
0429		632E90400	SIGNALIZATION, MISC.: STRAIN POLE FOUNDATION, 24' DEEP (WT: 44)	44	EACH	2.000
0430		632E90400	SIGNALIZATION, MISC.:STOP LINE RADAR DETECTION SYSTEM (WT: 44)	44	EACH	5.000
0431		633E67100	CABINET FOUNDATION (WT: 44)	44	EACH	5.000
0432		633E67200	CONTROLLER WORK PAD (WT: 44)	44	EACH	5.000
0433		633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	44	EACH	3.000
0434		633E99000	CONTROLLER ITEM, MISC.: CONTROLLER UNIT TS2/A2, W/ CABINET, 16CH, (SIZE 6), GROUND MOUNTED (WT: 44)	44	EACH	2.000
0435		633E99000	CONTROLLER ITEM, MISC.: CONTROLLER UNIT TS2/A2, W/ P-UPS CABINET, 16CH, GROUND MOUNTED (WT: 44)	44	EACH	3.000
0436		633E99000	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER, SHORT RANGE (WT: 44)	44	EACH	11.000
0437		633E99000	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH (WT: 44)	44	EACH	5.000
0438		804E15010	FIBER OPTIC CABLE, 24 FIBER (WT: 55)	55	FT	1,884.000
0439		804E34022	FIBER TERMINATION PANEL, 24 FIBER (WT: 55)	55	EACH	6.000

Section 0010 NOISE BARRIERS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0440		606E10210	SPECIAL - NOISE BARRIER (REFLECTIVE) (WT: 36)	36	SF	75,867.000
0441		606E10810	SPECIAL - NOISE BARRIER (REFLECTIVE), WITHOUT DRILLED SHAFT, WITH STEEL ACCESS DOOR. (WT: 36)	36	EACH	2.000

Section 0011 MAINTENANCE OF TRAFFIC

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0442		411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	NR	CY	213.000
0443		606E15050	GUARDRAIL, TYPE MGS (WT: 36)	36	FT	1,346.000
0444		606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	36	EACH	1.000
0445		606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	36	EACH	3.000

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0446	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	39	HOUR	1,000.000
0447	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	39	EACH	6.000
0448	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	39	FT	46,466.000
0449	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	39	EACH	42.000
0450	614E12420	DETOUR SIGNING (WT: 39)	39	LS	1.000
0451	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	39	EACH	42.000
0452	614E12500	REPLACEMENT SIGN (WT: 39)	39	EACH	50.000
0453	614E12600	REPLACEMENT DRUM (WT: 39)	39	EACH	300.000
0454	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	39	EACH	2,004.000
0455	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	NR	EACH	915.000
0456	614E13312	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	NR	EACH	1,064.000
0457	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	NR	EACH	3,773.000
0458	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	39	SNMT	64.000
0459	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	39	MILE	15.470
0460	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT, WHITE (WT: 39)	39	MILE	16.000
0461	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT, YELLOW (WT: 39)	39	MILE	15.590
0462	614E23110	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT (WT: 39)	39	FT	36,233.000
0463	614E24102	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT (WT: 39)	39	FT	10,903.000
0464	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	39	FT	47.000
0465	614E27070	WORK ZONE CROSSWALK LINE, CLASS I, 12", 740.06, TYPE I (WT: 39)	39	FT	364.000
0466	614E31200	WORK ZONE WORD ON PAVEMENT, 72", CLASS I, 642 PAINT (WT: 39)	39	EACH	4.000
0467	614E31650	WORK ZONE WORD ON PAVEMENT, 96", CLASS I, 642 PAINT (WT: 39)	39	EACH	8.000
0468	614E98000	WORK ZONE PAVEMENT MARKING, MISC.:CENTER LINE, CLASS I, 5" 642 PAINT, DOUBLE SOLID (WT: 39)	39	MILE	2.890
0469	614E98000	WORK ZONE PAVEMENT MARKING, MISC.:EDGE LINE, CLASS I, 5", 642 PAINT, WHITE (WT: 39)	39	MILE	4.000
0470	614E98000	WORK ZONE PAVEMENT MARKING, MISC.:EDGE LINE, CLASS I, 5", 740.06, TYPE I, YELLOW (WT: 39)	39	MILE	1.470
0471	614E98000	WORK ZONE PAVEMENT MARKING, MISC.:LANE LINE, CLASS I, 5" 642 PAINT (WT: 39)	39	MILE	3.640
0472	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:CHANNELIZING LINE, CLASS I, 10" PAINT (WT: 39)	39	FT	21,813.000
0473	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:DOTTED LINE, 5", 740.06, TYPE I, WHITE (WT: 39)	39	FT	3,380.000
0474	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:DOTTED LINE, 5", 740.06, TYPE I, YELLOW (WT: 39)	39	FT	422.000

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0475	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:STOP LINE, 20", 642 PAINT (WT: 39)	39	FT	1,056.000
0476	614E98200	WORK ZONE PAVEMENT MARKING, MISC.:ARROW, CLASS I, 642 PAINT (WT: 39)	39	EACH	163.000
0477	614E98200	WORK ZONE PAVEMENT MARKING, MISC.:LANE REDUCTION ARROW, CLASS I, 642 PAINT (WT: 39)	39	EACH	3.000
0478	614E98200	WORK ZONE PAVEMENT MARKING, MISC.:ROUTE SHIELD SYMBOL, CLASS 1, 642 PAINT (WT: 39)	39	EACH	8.000
0479	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	06	LS	1.000
0480	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	10	SY	9,267.000
0481	616E10000	WATER (WT: NR)	NR	MGAL	737.000
0482	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	NR	FT	11,200.000
0483	622E41060	DUAL PORTABLE BARRIER TRANSITION/TERMINATION (WT: 39)	39	EACH	1.000
0484	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	39	FT	46,906.000
0485	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	39	FT	491.000
0486	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	39	SNMT	120.000
0487	829E00100	WORK ZONE EGRESS WARNING SYSTEM (WT: 39)	39	SNMT	12.000

Section 0012 RETAINING WALLS (MSE WALL 5B)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0488		203E35111	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 06)	06	CY	1,315.000
0489		203E98500	ROADWAY, MISC.: EMBANKMENT, AS PER PLAN (WT: 06)	06	LS	1.000
0490		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0491		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	34	LS	1.000
0492		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	96,454.000
0493		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	14,683.000
0494		511E53012	CLASS QC2 CONCRETE, MISC.: MOMENT SLAB AND BARRIER (WT: 35)	35	CY	613.000
0495		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	2,968.000
0496		516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	207.000
0497		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	106.000
0498		516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	2,075.000
0499		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	61.000
0500		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	22,485.000
0501		840E21000	WALL EXCAVATION (WT: 34)	34	CY	6,351.000
0502		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	2,704.000
0503		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	14,385.000
0504		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	2,395.000

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0505	840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	25.000
0506	840E26000	CONCRETE COPING (WT: 34)	34	FT	1,213.000
0507	840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	3.000
0508	840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000
0509	867E00100	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	LS	1.000

Section 0013 RETAINING WALLS (SOIL NAIL WALL 1)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0510		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0511		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	34	LS	1.000
0512		509E10001	EPOXY COATED STEEL REINFORCEMENT, AS PER PLAN (WT: 23)	23	LB	8,111.000
0513		511E46011	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 34)	34	CY	105.000
0514		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	209.000
0515		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	39.000
0516		518E20000	PREFABRICATED GEOCOMPOSITE DRAIN (WT: 34)	34	SY	255.000
0517		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	20.000
0518		518E42400	6" PERFORATED PIPE, INCLUDING SPECIALS, CORRUGATED POLYETHYLENE SMOOTH LINED PIPE (WT: NR)	NR	FT	245.000
0519		520E10000	PNEUMATICALLY PLACED CONCRETE SHOTCRETE (WT: 29)	29	SF	2,696.000
0520		530E13000	SPECIAL - FORM LINER (WT: NR)	NR	SF	2,696.000
0521		530E51100	SPECIAL - RETAINING WALL, SOIL NAIL (WT: 34)	34	EACH	156.000
0522		530E51110	SPECIAL - RETAINING WALL, SOIL NAIL VERIFICATION TEST (WT: 34)	34	EACH	4.000
0523		530E51120	SPECIAL - RETAINING WALL, SOIL NAIL PROOF TEST (WT: 34)	34	EACH	9.000
0524		601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	35	CY	18.000
0525		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	34.000
0526		601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	38	FT	161.000

Section 0014 RETAINING WALLS (CIP WALL 2A)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0527		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	35	LS	1.000
0528		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0529		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	12,982.000
0530		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	53.000
0531		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	87.000

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0532		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	112.000
0533		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	21.000
0534		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	34.000
0535		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	89.000
0536		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	135.000

Section 0015 RETAINING WALLS (CIP WALL 2B)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0537		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0538		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0539		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	53,672.000
0540		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	2,967.000
0541		511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 34)	34	CY	31.000
0542		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	146.000
0543		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	175.000
0544		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	343.000
0545		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	41.000
0546		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	76.000
0547		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	178.000
0548		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	200.000
0549		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	5.000

Section 0016 RETAINING WALLS (MSE WALL 3)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0550		203E35111	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 06)	06	CY	540.000
0551		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0552		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	34	LS	1.000
0553		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	407.000
0554		516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	206.000
0555		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	24.000
0556		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	46.000
0557		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	4,901.000
0558		840E21000	WALL EXCAVATION (WT: 34)	34	CY	7,889.000

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0559		840E22001	FOUNDATION PREPARATION, AS PER PLAN (WT: 34)	34	SY	683.000
0560		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	3,826.000
0561		840E23050	NATURAL SOIL (WT: 34)	34	CY	25.000
0562		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	595.000
0563		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	210.000
0564		840E26000	CONCRETE COPING (WT: 34)	34	FT	277.000
0565		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	2.000
0566		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000

Section 0017 RETAINING WALLS (CIP WALL 4A)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0567		203E35111	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 06)	06	CY	49.000
0568		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0569		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0570		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	33,570.000
0571		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	2,089.000
0572		511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 34)	34	CY	22.000
0573		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	158.000
0574		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	195.000
0575		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	288.000
0576		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	20.000
0577		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	84.000
0578		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	100.000
0579		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	260.000
0580		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	10.000
0581		601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	38	FT	120.000

Section 0018 RETAINING WALLS (MSE WALL 4B)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0582		203E35111	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 06)	06	CY	1,834.000
0583		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0584		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	34	LS	1.000
0585		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	1,117.000

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0586		516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	209.000
0587		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	79.000
0588		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	46.000
0589		601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	38	FT	624.000
0590		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	15,135.000
0591		840E21000	WALL EXCAVATION (WT: 34)	34	CY	17,946.000
0592		840E22000	FOUNDATION PREPARATION (WT: 34)	34	SY	2,079.000
0593		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	11,256.000
0594		840E23050	NATURAL SOIL (WT: 34)	34	CY	1,070.000
0595		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	1,760.000
0596		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	35.000
0597		840E26000	CONCRETE COPING (WT: 34)	34	FT	879.000
0598		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	3.000
0599		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000
0600		867E00100	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	LS	1.000

Section 0019 RETAINING WALLS (CIP WALL 4C)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0601		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0602		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0603		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	12,700.000
0604		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	53.000
0605		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	104.000
0606		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	54.000
0607		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	11.000
0608		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	11.000
0609		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	55.000
0610		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	140.000
0611		601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	38	FT	140.000

Section 0020 RETAINING WALLS (CIP WALL 5A)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0612		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0613		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000

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0614		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	35,682.000
0615		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	4,223.000
0616		511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 34)	34	CY	28.000
0617		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	64.000
0618		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	137.000
0619		511E53012	CLASS QC2 CONCRETE, MISC.: MOMENT SLAB AND BARRIER (WT: 35)	35	CY	60.000
0620		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	312.000
0621		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	15.000
0622		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	40.000
0623		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	67.000
0624		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	185.000

Section 0021 RETAINING WALLS (CIP WALL 5C)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0625		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0626		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0627		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	8,687.000
0628		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	853.000
0629		511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 34)	34	CY	9.000
0630		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	20.000
0631		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	43.000
0632		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	63.000
0633		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	5.000
0634		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	19.000
0635		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	20.000
0636		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	60.000

Section 0022 RETAINING WALLS (MSE WALL 6)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0637		202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	19	LS	1.000
0638		203E35111	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 06)	06	CY	608.000
0639		203E98500	ROADWAY, MISC.: EMBANKMENT, AS PER PLAN (WT: 06)	06	LS	1.000
0640		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	35	LS	1.000

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0641		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	34	LS	1.000
0642		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	403.000
0643		516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	175.000
0644		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	24.000
0645		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	39.000
0646		601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	38	FT	51.000
0647		840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	34	SF	4,450.000
0648		840E21000	WALL EXCAVATION (WT: 34)	34	CY	3,112.000
0649		840E22001	FOUNDATION PREPARATION, AS PER PLAN (WT: 34)	34	SY	635.000
0650		840E23000	SELECT GRANULAR BACKFILL (WT: 34)	34	CY	3,421.000
0651		840E23050	NATURAL SOIL (WT: 34)	34	CY	70.000
0652		840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	34	FT	495.000
0653		840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	34	FT	35.000
0654		840E26000	CONCRETE COPING (WT: 34)	34	FT	261.000
0655		840E27000	ON-SITE ASSISTANCE (WT: 34)	34	DAY	2.000
0656		840E28000	SGB INSPECTION AND COMPACTION TESTING (WT: 34)	34	LS	1.000

Section 0023 RETAINING WALLS (CIP WALL 7)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0657		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	34	LS	1.000
0658		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0659		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	51,495.000
0660		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	5,937.000
0661		511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 34)	34	CY	61.000
0662		511E46012	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	34	CY	140.000
0663		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	285.000
0664		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	559.000
0665		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	25.000
0666		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	59.000
0667		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	142.000
0668		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	405.000
0669		518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	NR	FT	35.000

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Section 0024 STRUCTURE OVER 20 FOOT SPAN (FRA-70-23.740)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0670		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
0671		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	35	LS	1.000
0672		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0673		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	18,585.000
0674		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	912.000
0675		511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	35	CY	30.000
0676		511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 35)	35	CY	106.000
0677		511E53012	CLASS QC2 CONCRETE, MISC.: MOMENT SLAB AND BARRIER (WT: 35)	35	CY	42.000
0678		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	173.000
0679		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	482.000
0680		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	200.000
0681		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	26.000
0682		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	50.000
0683		611E97400	CONDUIT, MISC.: 22'x8' CONDUIT, TYPE A, 706.05, DESIGN COVER 5FT, AS PER PLAN (WT: 35)	35	FT	121.000

Section 0025 STRUCTURE OVER 20 FOOT SPAN (FRA-70-23.920)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0684		202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 23)	23	LS	1.000
0685		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	524.000
0686		202E23500	WEARING COURSE REMOVED (WT: NR)	NR	SY	3,117.000
0687		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WALLS C AND E) (WT: 35)	35	LS	1.000
0688		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0689		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
0690		507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	10,540.000
0691		507E00551	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN (WT: 53)	53	FT	11,400.000
0692		507E93300	STEEL POINTS OR SHOES (WT: 53)	53	EACH	172.000
0693		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	431,933.000
0694		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	3,553.000

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0695	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	21	CY	1,071.000
0696	511E34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 21)	21	CY	77.000
0697	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	21	CY	170.000
0698	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	140.000
0699	511E45600	CLASS QC4 MASS CONCRETE, SUBSTRUCTURE (WT: 21)	21	CY	82.000
0700	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	425.000
0701	511E51510	CLASS QC2 CONCRETE, SIDEWALK (WT: 21)	21	CY	123.000
0702	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	1,918.000
0703	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	57	SY	117.000
0704	512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	21.000
0705	513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	1,097,745.000
0706	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	12,996.000
0707	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	47,664.000
0708	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	26	SF	47,664.000
0709	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	27	FT	137.000
0710	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	92.000
0711	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	41.000
0712	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	27	FT	163.000
0713	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (17"x17"x3.61" ELASTOMERIC PAD WITH 18"x18"x2" LOAD PLATE) (WT: 21)	21	EACH	12.000
0714	516E44301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13"x13"x4.15" ELASTOMERIC PAD WITH 14"x21"x1 5/8" LOAD PLATE) (WT: 21)	21	EACH	12.000
0715	516E44301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (14"x22"x4.15" ELASTOMERIC PAD WITH 15"x38"x3 5/8" LOAD PLATE) (WT: 21)	21	EACH	12.000
0716	518E12301	SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN (8" AND 10" DIAMETER) (WT: 21)	21	EACH	2.000
0717	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	102.000
0718	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	334.000
0719	518E51201	PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN (8" AND 10" DIAMETER) (WT: 21)	21	FT	48.000
0720	523E20000	DYNAMIC LOAD TESTING (WT: NR)	NR	EACH	3.000

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0721	523E20500	RESTRIKE (WT: NR)	NR	EACH	3.000
0722	526E30010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17") (WT: 29)	29	SY	963.000
0723	526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	29	FT	332.000
0724	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	37	FT	459.000
0725	863E00100	GEOGRID, TYPE P1 (WT: 06)	06	SY	2,565.000
0726	863E00801	REINFORCED EMBANKMENT, AS PER PLAN (WT: 06)	06	CY	561.000
0727	867E00100	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL (WALL D) (WT: 34)	34	LS	1.000

Section 0026 STRUCTURE OVER 20 FOOT SPAN (FRA-70-23.919)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0728		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WALL A) (WT: 35)	35	LS	1.000
0729		503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	35	LS	1.000
0730		505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	NR	LS	1.000
0731		507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	53	FT	7,400.000
0732		507E00551	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN (WT: 53)	53	FT	8,060.000
0733		507E93300	STEEL POINTS OR SHOES (WT: 53)	53	EACH	132.000
0734		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	182,444.000
0735		509E30020	NO. 4 DEFORMED GFRP REINFORCEMENT (WT: 23)	23	FT	1,080.000
0736		511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	21	CY	617.000
0737		511E34451	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 21)	21	CY	39.000
0738		511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	21	CY	91.000
0739		511E45600	CLASS QC4 MASS CONCRETE, SUBSTRUCTURE (WT: 21)	21	CY	62.000
0740		511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	21	CY	318.000
0741		511E51510	CLASS QC2 CONCRETE, SIDEWALK (WT: 21)	21	CY	88.000
0742		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	1,084.000
0743		512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	57	SY	44.000
0744		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	35.000
0745		513E10280	STRUCTURAL STEEL MEMBERS, LEVEL 4 (WT: 24)	24	LB	240,726.000
0746		513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	25	EACH	4,485.000
0747		514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	26	SF	16,558.000
0748		514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	26	SF	16,558.000
0749		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	128.000

Project Number: 240162

0750	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	80.000
0751	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	27	FT	413.000
0752	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (16"x16"x3.078" ELASTOMERIC PAD WITH 17"x17"x1 3/4" LOAD PLATE) (WT: 21)	21	EACH	16.000
0753	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (16"x16"x3.078" ELASTOMERIC PAD WITH 17"x2'-6 1/2"x1 3/4" LOAD PLATE) (WT: 21)	21	EACH	16.000
0754	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	136.000
0755	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	435.000
0756	523E20000	DYNAMIC LOAD TESTING (WT: NR)	NR	EACH	2.000
0757	523E20500	RESTRIKE (WT: NR)	NR	EACH	2.000
0758	526E30000	REINFORCED CONCRETE APPROACH SLABS (T=17") (WT: 29)	29	SY	1,287.000
0759	526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	29	FT	421.000
0760	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	37	FT	199.000
0761	863E00100	GEOGRID, TYPE P1 (WT: 06)	06	SY	3,162.000
0762	863E00801	REINFORCED EMBANKMENT, AS PER PLAN (WT: 06)	06	CY	772.000
0763	867E00100	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL (WALL B) (WT: 34)	34	LS	1.000

Section 0027 STRUCTURE 20 FOOT SPAN AND UNDER (FRA-BPDRW-41.060)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0764		202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 23)	23	LS	1.000
0765		202E20011	HEADWALL REMOVED, AS PER PLAN (WT: NR)	NR	EACH	3.000
0766		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	35	LS	1.000
0767		503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	35	CY	467.000
0768		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	21,924.000
0769		510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 35)	35	EACH	54.000
0770		511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	35	CY	87.000
0771		511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	35	CY	107.000
0772		511E46611	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN (WT: 35)	35	CY	2.000
0773		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	104.000
0774		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	802.000
0775		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	32.000
0776		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	42.000

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0777		518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	NR	FT	99.000
0778		601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	35	SY	299.000
0779		611E96471	18' X 7' CONDUIT, TYPE A, 706.05, AS PER PLAN (3' MAX. COVER) (WT: 35)	35	FT	164.000
0780		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	276.000

Section 0028 STRUCTURE 20 FOOT SPAN AND UNDER (FRA-CHTFD-00.160)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0781		201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	01	LS	1.000
0782		202E11000	STRUCTURE REMOVED (WT: 23)	23	LS	1.000
0783		503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	35	LS	1.000
0784		503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	35	CY	247.000
0785		509E10000	EPOXY COATED STEEL REINFORCEMENT (WT: 23)	23	LB	2,765.000
0786		511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	35	CY	6.000
0787		511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	35	CY	19.000
0788		511E46611	CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN (WT: 35)	35	CY	1.000
0789		512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	57	SY	33.000
0790		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	220.000
0791		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	NR	SF	16.000
0792		518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	35	CY	8.000
0793		601E11001	RIPRAP, TYPE D, AS PER PLAN (WT: 35)	35	SY	14.000
0794		611E96315	14' X 6' CONDUIT, TYPE A, 706.05, AS PER PLAN (3' COVER) (WT: 35)	35	FT	61.710
0795		613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	NR	CY	220.000

Section 0029 ITEMS OF WORK (ITS)

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0796		625E25408	CONDUIT, 2", 725.051 (WT: 43)	43	FT	36.000
0797		625E25802	CONDUIT, CONCRETE ENCASED, 2" (WT: 43)	43	FT	1,047.000
0798		625E25802	CONDUIT, CONCRETE ENCASED, 4" (WT: 43)	43	FT	966.000
0799		625E25900	CONDUIT, JACKED OR DRILLED, 1 1/2" (WT: 43)	43	FT	90.000
0800		625E25900	CONDUIT, JACKED OR DRILLED, 2" (WT: 43)	43	FT	295.000
0801		625E25920	CONDUIT, MISC.: 3", 725.052, EPEC-80-HDPE, BORED UNDER PAVEMENT (WT: 43)	43	FT	199.000
0802		625E25920	CONDUIT, MISC.: 4", 725.052, EPEC-80-HDPE, JACKED OR DRILLED (WT: 43)	43	FT	5,680.000
0803		625E29001	TRENCH, AS PER PLAN (WT: 43)	43	FT	1,757.000

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0804	625E30700	PULL BOX, 725.08, 18" (WT: 43)	43	EACH	11.000
0805	625E30710	PULL BOX, 725.08, 32" (WT: 43)	43	EACH	11.000
0806	625E30730	PULL BOX, 725.08, 48", TYPE 1 (WT: 43)	43	EACH	5.000
0807	625E30732	PULL BOX, 725.08, 48", TYPE 2 (WT: 43)	43	EACH	2.000
0808	625E31511	PULL BOX REMOVED, AS PER PLAN (WT: 43)	43	EACH	38.000
0809	625E32000	GROUND ROD (WT: 43)	43	EACH	34.000
0810	625E98000	LIGHTING, MISC.: STEP-DOWN TRANSFORMER AND SUPPORT (WT: 43)	43	EACH	1.000
0811	630E70021	OVERHEAD SIGN SUPPORT, DMS TRUSS, 115', AS PER PLAN (WT: 42)	42	EACH	1.000
0812	630E70051	CATWALK, DMS TRUSS, AS PER PLAN (WT: 42)	42	EACH	1.000
0813	630E70080	OVERHEAD SIGN SUPPORT FOUNDATION, DMS TRUSS (WT: 42)	42	EACH	2.000
0814	630E89812	REMOVAL OF WOOD POLE AND DISPOSAL (WT: NR)	NR	EACH	6.000
0815	632E29901	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES, AS PER PLAN (WT: 44)	44	FT	386.000
0816	632E62810	INTERCONNECT CABLE, MISC.: CAT 5E CABLE, OUTDOOR RATED (WT: 44)	44	FT	124.000
0817	632E62810	INTERCONNECT CABLE, MISC.: POWER CABLES REMOVED (WT: 44)	44	FT	320.000
0818	632E62820	INTERCONNECT, MISC.: CABLE STORAGE RACKS (WT: 44)	44	EACH	2.000
0819	632E62820	INTERCONNECT, MISC.: SPLICE ENCLOSURE REMOVED (WT: 44)	44	EACH	3.000
0820	632E69100	POWER CABLE, 1 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	5,725.000
0821	632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	998.000
0822	632E69350	POWER CABLE, MISC.:REUSE OF POWER CABLES (WT: 44)	44	FT	212.000
0823	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	44	FT	37.000
0824	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	44	EACH	1.000
0825	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	44	EACH	1.000
0826	632E83600	STRAIN POLE, MISC.: STRAIN POLE REMOVED (WT: 44)	44	EACH	2.000
0827	632E89300	WOOD POLE (WT: 44)	44	EACH	4.000
0828	632E89400	DOWN GUY (WT: 44)	44	EACH	3.000
0829	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEMREMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: CCTV POLE, CAMERA, AND CABINET ASSEMBLY STATION (WT: 44)	44	EACH	1.000
0830	632E90400	SIGNALIZATION, MISC.: CONDUIT RISER, 2", 725.04, MODIFIED (WT: 44)	44	EACH	2.000
0831	632E90500	SIGNALIZATION, MISC.: DELASHING AND RELASHING OF CABLE (WT: 44)	44	FT	386.000
0832	632E90500	SIGNALIZATION, MISC.: REMOVE EXISTING ITS CONDUIT (WT: 44)	44	FT	1,033.000
0833	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	44	EACH	1.000
0834	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	44	EACH	1.000
0835	633E99000	CONTROLLER ITEM, MISC.:FIBER OPTIC ETHERNET TRANSCEIVER, SHORT RANGE (WT: 44)	44	EACH	2.000

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0836		633E99000	CONTROLLER ITEM, MISC.:LAYER 2 ETHERNET SWITCH (WT: 44)	44	EACH	1.000
0837		804E15010	FIBER OPTIC CABLE, 24 FIBER (WT: 55)	55	FT	158.000
0838		804E15030	FIBER OPTIC CABLE, 72 FIBER (WT: 55)	55	FT	2,955.000
0839		804E15040	FIBER OPTIC CABLE, 144 FIBER (WT: 55)	55	FT	3,093.000
0840		804E15050	FIBER OPTIC CABLE, 288 FIBER (WT: 55)	55	FT	3,328.000
0841		804E34023	FIBER TERMINATION PANEL, 24 FIBER, AS PER PLAN (WT: 55)	55	EACH	1.000
0842		804E35001	FUSION SPLICE, AS PER PLAN (WT: 55)	55	EACH	1,428.000
0843		804E37001	SPLICE ENCLOSURE, AS PER PLAN (WT: 55)	55	EACH	4.000
0844		804E98200	FIBER OPTIC CABLE, MISC.: FIBER OPTIC CABLE RELOCATED (WT: 55)	55	LS	1.000
0845		804E98200	FIBER OPTIC CABLE, MISC.: REMOVAL OF FIBER OPTIC CABLE (WT: 55)	55	LS	1.000
0846		809E24000	CONDUIT, MULTICELL, JACKED OR DRILLED, 4" HDPE (WT: 55)	55	FT	2,434.000
0847		809E24500	CONDUIT, 4", MULTICELL, HDPE WITH 4 ? 1? INNERDUCTS (WT: 55)	55	FT	533.000
0848		809E60040	CCTV IP-CAMERA SYSTEM, QUAD MULTI-VIEW FIXED WITH PTZ (WT: 44)	44	EACH	1.000
0849		809E61002	CCTV CONCRETE POLE, 70 FEET (WT: 44)	44	EACH	1.000
0850		809E61090	CCTV LOWERING UNIT (WT: 44)	44	EACH	1.000
0851		809E65000	ITS CABINET - GROUND MOUNTED (WT: 44)	44	EACH	1.000
0852		809E65990	ITS DEVICE, MISC.: CCTV CAMERA REMOVED AND RELOCATED (WT: 44)	44	EACH	1.000
0853		809E65990	ITS DEVICE, MISC.: DYNAMIC MESSAGE SIGN (DDMS) REMOVED AND RELOCATED (WT: 44)	44	EACH	1.000
0854		809E65990	ITS DEVICE, MISC.: REMOVAL OF DMS TRUSS AND FOUNDATIONS (WT: 44)	44	EACH	1.000
0855		809E70000	MAINTAINING ITS DURING CONSTRUCTION (WT: 44)	44	LS	1.000
0856		809E70050	AS-BUILT CONSTRUCTION PLANS (WT: NR)	NR	LS	1.000

Section 0030 INCIDENTALS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0857		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	NR	LS	1.000
0858		108E10000	CPM PROGRESS SCHEDULE (WT: NR)	NR	LS	1.000
0859		111E10100	SPECIAL - DEPARTMENTS SHARE FACILITATED PARTNERING COSTS (WT: NR)	NR	EACH	5,500.000
0860		614E11000	MAINTAINING TRAFFIC (WT: 39)	39	LS	1.000
0861		619E16020	FIELD OFFICE, TYPE C (WT: NR)	NR	MNTH	35.000
0862		623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	NR	LS	1.000
0863		624E10000	MOBILIZATION (WT: NR)	NR	LS	1.000

General Decision Number: OH20240001 01/05/2024

Superseded General Decision Number: OH20230001

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:	<ul style="list-style-type: none">. Executive Order 14026 generally applies to the contract.. The contractor must pay all covered workers at least \$17.20 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 2024.
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:	<ul style="list-style-type: none">. Executive Order 13658 generally applies to the contract.. The contractor must pay all covered workers at least \$12.90 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 2024.

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	01/05/2024

BROH001-001 06/01/2022

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.....	\$ 31.40	18.55

 BROH001-004 06/01/2022

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 31.40	18.55

 BROH003-002 06/01/2022

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.....	\$ 31.40	18.55

 BROH005-003 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 06/01/2022

CARROLL, COLUMBIANA (Knox, Butler, West & Hanover Townships),
 STARK & TUSCARAWAS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0007-002 06/01/2022

LAWRENCE

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0007-005 06/01/2022

PORTAGE & SUMMIT

	Rates	Fringes
BRICKLAYER.....	\$ 31.40	18.55

 BROH0007-010 06/01/2017

PORTAGE & SUMMIT

	Rates	Fringes
MASON - STONE.....	\$ 28.65	14.55

 BROH0008-001 06/01/2022

COLUMBIANA (Salem, Perry, Fairfield, Center, Elk Run, Middleton, & Unity Townships and the city of New Waterford), MAHONING & TRUMBULL

	Rates	Fringes
BRICKLAYER.....	\$ 31.40	18.55

 BROH0009-002 06/01/2022

BELMONT & MONROE COUNTIES and the Townships of Warren & Mt. Pleasant and the Village of Dillonvale in JEFFERSON COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55
Refractory.....	\$ 31.45	19.01

 BROH0010-002 06/01/2022

COLUMBIANA (St. Clair, Madison, Wayne, Franklin, Washington, Yellow Creek & Liverpool Townships) & JEFFERSON (Brush Creek & Saline Townships)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0014-002 06/01/2022

HARRISON & JEFFERSON (Except Mt. Pleasant, Warren, Brush Creek, Saline & Salineville Townships & the Village of Dillonvale)

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0016-002 06/01/2022

ASHTABULA, GEAUGA, and LAKE COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0018-002 06/01/2022

BROWN, BUTLER, CLERMONT, HAMILTON, PREBLE (Gasper, Dixon, Israel, Lanier, Somers & Gratis Townships) & WARREN COUNTIES:

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

BROH0022-004 06/01/2022		

CHAMPAIGN, CLARK, CLINTON, DARKE, GREENE, HIGHLAND, LOGAN, MIAMI, MONTGOMERY, PREBLE (Jackson, Monroe, Harrison, Twin, Jefferson & Washington Townships) and SHELBY COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

BROH0032-001 06/01/2022		

GALLIA & MEIGS

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

BROH0035-002 06/01/2022		

ALLEN, AUGLAIZE, MERCER and VAN WERT COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

BROH0039-002 06/01/2022		

ADAMS & SCIOTO

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

BROH0040-003 06/01/2022		

ASHLAND, CRAWFORD, HARDIN, HOLMES, MARION, MORROW, RICHLAND, WAYNE and WYANDOT (Except Crawford, Ridge, Richland & Tymochtee Townships) COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 32.49	23.43

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 06/01/2022

	Rates	Fringes
Bricklayer, Stonemason COSHOCTON, FAIRFIELD, GUERNSEY, HOCKING, KNOX, KICKING, MORGAN, MUSKINGUM, NOBLE (Beaver, Buffalo, Seneca & Wayne Townships) & PERRY COUNTIES:.....	\$ 31.40	18.55

 BROH0045-002 06/01/2021

FAYETTE, JACKSON, PIKE, ROSS and VINTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 30.40	17.66

 BROH0046-002 06/01/2022

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.....	\$ 31.40	18.55

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 06/01/2022

ATHENS COUNTY

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0052-003 06/01/2022

NOBLE (Brookfield, Noble, Center, Sharon, Olive, Enoch, Stock, Jackson, Jefferson & Elk Townships) and WASHINGTON COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 BROH0055-003 06/01/2022

DELAWARE, FRANKLIN, MADISON, PICKAWAY and UNION COUNTIES

	Rates	Fringes
Bricklayer, Stonemason.....	\$ 31.40	18.55

 CARP0003-004 05/01/2017

MAHONING & TRUMBULL

	Rates	Fringes
CARPENTER.....	\$ 26.20	17.42

 CARP0069-003 05/01/2017

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
CARPENTER.....	\$ 25.98	15.98

 CARP0069-006 05/01/2017

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
CARPENTER.....	\$ 24.04	15.29

CARP0171-002 05/01/2019		

BELMONT, COLUMBIANA, HARRISON, JEFFERSON & MONROE

	Rates	Fringes
CARPENTER.....	\$ 27.37	20.02

CARP0200-002 05/01/2023		

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.....	\$ 32.42	21.42
Diver.....	\$ 39.41	10.40
PILEDRIVERMAN.....	\$ 32.42	21.42

CARP0248-005 07/01/2008		

LUCAS & WOOD

	Rates	Fringes
CARPENTER.....	\$ 27.27	14.58

CARP0248-008 07/01/2008		

	Rates	Fringes
CARPENTER DEFIANCE, FULTON, HANCOCK, HENRY, PAULDING & WILLIAMS COUNTIES.....	\$ 23.71	13.28

CARP0254-002 05/01/2017		

ASHTABULA, CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
CARPENTER.....	\$ 32.40	16.97

CARP0372-002 05/01/2023

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM & VAN WERT

	Rates	Fringes
CARPENTER.....	\$ 28.85	24.59

CARP0639-003 05/01/2017

MEDINA, PORTAGE & SUMMIT

	Rates	Fringes
CARPENTER.....	\$ 30.42	16.99

CARP0735-002 05/01/2019

ASHLAND, ERIE, HURON, LORAIN & RICHLAND

	Rates	Fringes
CARPENTER.....	\$ 26.30	17.91

CARP1311-001 05/01/2017

BROWN, BUTLER, CHAMPAIGN, CLARK, CLERMONT, CLINTON, DARKE, GREENE, HAMILTON, LOGAN, MIAMI, MONTGOMERY, PREBLE, SHELBY & WARREN

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 29.34	15.95
Diver.....	\$ 40.58	9.69

CARP1393-002 07/01/2008

CRAWFORD, DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
Piledrivermen & Diver's Tender....	\$ 27.30	16.05

DIVERS - \$250.00 per day

CARP1393-003 07/01/2008

ALLEN, AUGLAIZE, HARDIN, MERCER, PUTNAM, VAN WERT & WYANDOT

	Rates	Fringes
Piledrivermen & Diver's Tender...	\$ 25.15	15.92

DIVERS - \$250.00 per day

CARP1871-006 05/01/2017

BELMONT, HARRISON, & MONROE

	Rates	Fringes
Diver, Wet.....	\$ 48.11	17.33
Piledrivermen; Diver, Dry.....	\$ 32.07	17.33

CARP1871-008 05/01/2017

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE,
LORAIN, MEDINA, PORTAGE, RICHLAND & SUMMIT

	Rates	Fringes
Diver, Wet.....	\$ 45.80	18.84
Piledrivermen; Diver, Dry.....	\$ 30.53	18.84

CARP1871-014 05/01/2017

CARROLL, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
Diver, Wet.....	\$ 38.34	16.95
Piledrivermen; Diver, Dry.....	\$ 25.56	16.95

CARP1871-015 05/01/2017

COSHOCTON, HOLMES, KNOX & MORROW

	Rates	Fringes
Diver, Wet.....	\$ 37.34	16.07
Piledrivermen; Diver, Dry.....	\$ 24.89	16.07

CARP1871-017 05/01/2017

MAHONING & TRUMBULL

	Rates	Fringes
Diver, Wet.....	\$ 40.65	17.62
Piledrivermen; Diver, Dry.....	\$ 27.10	17.62

CARP2235-012 01/01/2014

COLUMBIANA & JEFFERSON

	Rates	Fringes
PILEDRIVERMAN.....	\$ 31.74	16.41

CARP2239-001 07/01/2008

CRAWFORD, OTTAWA, SANDUSKY, SENECA & WYANDOT

	Rates	Fringes
CARPENTER.....	\$ 23.71	13.28

ELEC0008-002 05/23/2022

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

	Rates	Fringes
CABLE SPLICER.....	\$ 38.98	18.96
ELECTRICIAN.....	\$ 44.79	4.5%+21.61

ELEC0032-003 12/04/2023

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY, VAN WERT &
WYANDOT (Crawford, Jackson, Marseilles, Mifflin, Ridgeland,
Ridge & Salem Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 35.17	22.82

ELEC0038-002 04/24/2023

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) &

LORAIN (Columbia Township)

	Rates	Fringes
ELECTRICIAN		
Excluding Sound & Communications Work.....	\$ 43.13	23.31

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 04/24/2023

CUYAHOGA, GEAUGA (Bainbridge, Chester & Russell Townships) & LORAIN (Columbia Township)

	Rates	Fringes
Sound & Communication Technician		
Communications Technician...	\$ 29.80	13.80
Installer Technician.....	\$ 28.55	13.76

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 11/27/2023

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.....	\$ 37.90	20.08

 ELEC0071-001 01/01/2019

ASHLAND, CHAMPAIGN, CLARK, COSHOCTON, CRAWFORD, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GUERNSEY, HIGHLAND, HOCKING, JACKSON (Coal, Jackson, Liberty, Milton, Washington & Wellston Townships), KNOX, LICKING, MADISON, MARION, MONROE, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE (Beaver, Benton, Jackson, Mifflin, Pebble, Peepee, Perry & Seal Townships), RICHLAND, ROSS, TUSCARAWAS (Auburn, Bucks, Clay, Jefferson, Oxford, Perry, Salem, Rush, Washington & York Townships), UNION, VINTON (Clinton, Eagle, Elk, Harrison, Jackson, Richland & Swan Townships), and WASHINGTON COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operators.....	\$ 33.62	13.40
Groundmen.....	\$ 24.17	11.32
Linemen & Cable Splicers....	\$ 38.27	14.42

ELEC0071-004 01/01/2019		

AUGLAIZE, CLINTON, DARKE, GREENE, LOGAN, MERCER, MIAMI, MONTGOMERY, PREBLE, and SHELBY COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0071-005 12/31/2018		

ASHTABULA, CUYAHOGA, GEAUGA, LAKE & LORAIN

	Rates	Fringes
LINE CONSTRUCTION: Equipment Operator		
DOT/Traffic Signal & Highway Lighting Projects...	\$ 32.44	14.10
Municipal Power/Transit Projects.....	\$ 40.10	16.42
LINE CONSTRUCTION: Groundman		
DOT/Traffic Signal & Highway Lighting Projects...	\$ 25.06	12.26
Municipal Power/Transit Projects.....	\$ 31.19	14.11

LINE CONSTRUCTION:

Linemen/Cable Splicer		
DOT/Traffic Signal &		
Highway Lighting Projects...	\$ 36.13	15.03
Municipal Power/Transit		
Projects.....	\$ 44.56	17.58

ELEC0071-008 01/01/2019

COLUMBIANA, MAHONING, and TRUMBULL COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0071-010 01/01/2019

BELMONT, CARROLL, HARRISON, HOLMES, JEFFERSON, MEDINA, PORTAGE, STARK, SUMMIT, and WAYNE COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0071-013 01/01/2019

BROWN, BUTLER, CLERMONT, HAMILTON, and WARREN COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

ELEC0071-014 01/01/2019

ADAMS, ATHENS, GALLIA, JACKSON (Bloomfield, Franklin, Hamilton, Lick, Jefferson, Scioto & Madison Townships), LAWRENCE, MEIGS, PIKE (Camp Creek, Marion, Newton, Scioto, Sunfish & Union Townships), SCIOTO & VINTON (Brown, Knox, Madison, Vinton & Wilkesville Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 33.62	13.40
Groundman.....	\$ 24.17	11.32
Lineman & Cable Splicers....	\$ 38.27	14.42

 ELEC0082-002 12/05/2022

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
 (Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 34.25	21.26

 ELEC0082-006 11/28/2022

CLINTON, DARKE, GREENE, MIAMI, MONTGOMERY, PREBLE & WARREN
 (Wayne, Clear Creek & Franklin Townships)

	Rates	Fringes
Sound & Communication Technician		
Cable Puller.....	\$ 13.10 **	4.76
Installer/Technician.....	\$ 26.20	13.89

 ELEC0129-003 02/27/2023

LORAIN (Except Columbia Township) & MEDINA (Litchfield &
 Liverpool Townships)

	Rates	Fringes
ELECTRICIAN.....	\$ 39.30	18.30

 ELEC0129-004 02/27/2023

ERIE & HURON (Lyme, Ridgefield, Norwalk, Townsend, Wakeman,
 Sherman, Peru, Bronson, Hartland, Clarksfield, Norwich,
 Greenfield, Fairfield, Fitchville & New London Townships)

Rates	Fringes
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ELECTRICIAN.....\$ 39.30 18.30

ELEC0141-003 09/01/2019

BELMONT COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 30.63	25.87
ELECTRICIAN.....	\$ 30.38	25.87

ELEC0212-003 11/26/2018

BROWN, CLERMONT & HAMILTON

	Rates	Fringes
Sound & Communication Technician.....	\$ 24.35	10.99

ELEC0212-005 06/05/2023

BROWN, CLERMONT, and HAMILTON COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 34.41	21.55

ELEC0245-001 08/29/2022

ALLEN, HARDIN, VAN WERT & WYANDOT (Crawford, Jackson, Marseilles, Mifflin, Richland, Ridge & Salem Townships)

	Rates	Fringes
Line Construction		
Equipment Operator.....	\$ 32.37	26.5%+7.25
Groundman Truck Driver.....	\$ 19.35	7.00+27.25%
Lineman.....	\$ 44.22	7.00+27.25%

FOOTNOTE: a. Half day's Paid Holiday: The last 4 hours of the workday prior to Christmas or New Year's Day

ELEC0245-003 08/29/2022

DEFIANCE, FULTON, HANCOCK, HENRY, HURON, LUCAS, OTTAWA, PAULDING, PUTNAM, SANDUSKY, SENECA, WILLIAMS, and WOOD COUNTIES

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 50.85	7.00+27.25%
Groundman/Truck Driver.....	\$ 19.35	7.00+27.25%
Heli-arc Welding.....	\$ 40.76	7.00+27.25%
Lineman.....	\$ 44.22	7.00+27.25%
Operator - Class 1.....	\$ 35.38	7.00+27.25%
Operator - Class 2.....	\$ 28.32	7.00+27.25%
Traffic Signal & Lighting Technician.....	\$ 39.80	7.00+27.25%

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 08/28/2023

ERIE COUNTY

	Rates	Fringes
Line Construction		
Cable Splicer.....	\$ 49.14	26.75%+6.75
Cablesplicer.....	\$ 52.76	27%+7.50
Groundman/Truck Driver.....	\$ 20.07	27%+7.50
Lineman.....	\$ 45.88	27%+7.50
Operator - Class 1.....	\$ 36.70	27%+7.50
Operator - Class 2.....	\$ 32.12	27%+7.50

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 10/31/2022

	Rates	Fringes
ELECTRICIAN.....	\$ 40.50	84%+36.47

FOOTNOTE: a. 1 1/2 Paid Holidays: The last scheduled workday prior to Christmas & 4 hours on Good Friday.

ELEC0306-005 05/29/2023

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.....	\$ 36.87	16.56
ELECTRICIAN.....	\$ 40.15	5.25%+20.85

ELEC0317-002 05/29/2023

GALLIA & LAWRENCE

	Rates	Fringes
CABLE SPLICER.....	\$ 32.68	18.13
ELECTRICIAN.....	\$ 37.15	28.48

ELEC0540-005 12/26/2022

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.....	\$ 36.28	27.04

ELEC0573-003 06/05/2023

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
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ELECTRICIAN.....\$ 38.70 21.07

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.....\$ 36.50 21.76

ELEC0648-001 08/29/2022

BUTLER and WARREN COUNTIES (Deerfield, Hamilton, Harlan, Massie, Salem, Turtle Creek, Union & Washington Townships)

Rates Fringes

CABLE SPLICER.....\$ 30.50 18.23
ELECTRICIAN.....\$ 33.00 21.44

ELEC0673-004 05/29/2023

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.....\$ 37.55 23.58

ELEC0683-002 05/29/2023

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.....	\$ 38.75	24.19
ELECTRICIAN.....	\$ 37.75	24.16

 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 06/01/2023

ATHENS, MEIGS, MONROE, MORGAN, NOBLE, VINTON (Brown, Knox, Madison, Vinton & Wilkesville Townships), and WASHINGTON COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 35.70	30.26
ELECTRICIAN.....	\$ 35.45	30.25

 ELEC1105-001 05/29/2023

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.....	\$ 36.45	24.22

 ENGI0018-003 05/01/2019

ASHTABULA, CUYAHOGA, ERIE, GEauga, LAKE, LORAIN, MEDINA, PORTAGE, and SUMMIT COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 38.63	15.20
GROUP 2.....	\$ 38.53	15.20
GROUP 3.....	\$ 37.49	15.20
GROUP 4.....	\$ 36.27	15.20
GROUP 5.....	\$ 30.98	15.20
GROUP 6.....	\$ 38.88	15.20
GROUP 7.....	\$ 39.13	15.20

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.

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.....	\$ 37.14	15.20
GROUP 2.....	\$ 37.02	15.20
GROUP 3.....	\$ 35.98	15.20
GROUP 4.....	\$ 34.80	15.20
GROUP 5.....	\$ 29.34	15.20
GROUP 6.....	\$ 37.39	15.20
GROUP 7.....	\$ 37.64	15.20

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 Inserter/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 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; 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 06/01/2017

COLUMBIANA, MAHONING & TRUMBULL COUNTIES

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
ASBESTOS; HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 1 - A & B.....	\$ 39.23	19.66
ASBESTOS; HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 2 - A & B.....	\$ 38.90	19.66
ASBESTOS; HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 3 - A & B.....	\$ 34.64	19.66
ASBESTOS; HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 4 - A & B.....	\$ 30.70	19.66
ASBESTOS; HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 5 - A & B.....	\$ 27.30	19.66
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 1 - C & D.....	\$ 35.96	19.66
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 2 - C & D.....	\$ 35.66	19.66
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 3 - C & D.....	\$ 31.76	19.66
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 4 - C & D.....	\$ 28.14	19.66
HAZARDOUS/TOXIC WASTE PROJECTS		
GROUP 5 - C & D.....	\$ 25.03	19.66
ALL OTHER WORK		
GROUP 1.....	\$ 32.69	19.66
ALL OTHER WORK		

GROUP 2.....	\$ 32.42	19.66
ALL OTHER WORK		
GROUP 3.....	\$ 28.87	19.66
ALL OTHER WORK		
GROUP 4.....	\$ 25.58	19.66
ALL OTHER WORK		
GROUP 5.....	\$ 22.75	19.66

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 05/01/2023

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.....	\$ 35.83	28.01

 IRON0017-010 05/01/2023

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.....	\$ 35.83	28.01

IRON0044-001 06/01/2022

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.....	\$ 32.37	22.30
Beyond 30-mile radius of		
Hamilton County Courthouse..	\$ 28.67	21.20
Up to & including 30-mile		
radius of Hamilton County		
Courthouse.....	\$ 27.60	20.70

IRON0044-002 06/01/2023

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
IRONWORKER		
Fence Erector.....	\$ 30.75	23.30
Ornamental; Structural.....	\$ 32.37	23.30

IRON0055-003 07/01/2023

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
IRONWORKER		
Fence Erector.....	\$ 25.40	23.87
Flat Road Mesh.....	\$ 29.77	21.30
Tunnels & Caissons Under Pressure.....	\$ 29.77	21.30
All Other Work.....	\$ 34.25	28.20

IRON0147-002 06/01/2023

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
IRONWORKER.....	\$ 33.00	25.59

IRON0172-002 06/01/2023

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.....	\$ 34.07	22.55

IRON0207-004 06/01/2023		

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.....	\$ 34.00	27.16
Ornamental; Reinforcing;		
Structural.....	\$ 33.00	27.16
Ornamental; Reinforcing.....	\$ 28.92	25.61

IRON0290-002 06/01/2023		

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.....	\$ 32.69	24.05

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 05/01/2023

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.....	\$ 33.00	22.27

IRON0769-004 06/01/2023

ADAMS (Eastern Half), GALLIA, JACKSON (Southern Half), LAWRENCE
& SCIOTO

	Rates	Fringes
IRONWORKER.....	\$ 36.16	28.34

IRON0787-003 12/01/2023

ATHENS, MEIGS, MORGAN, NOBLE, and WASHINGTON COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.30	23.95

LAB00265-008 05/01/2023

	Rates	Fringes
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LABORER

ASHTABULA, ERIE, HURON,
LORAIN, LUCAS, MAHONING,
MEDINA, OTTAWA, PORTAGE,
SANDUSKY, STARK, SUMMIT,
TRUMBULL & WOOD COUNTIES

GROUP 1.....	\$ 35.05	13.70
GROUP 2.....	\$ 35.22	13.70
GROUP 3.....	\$ 35.55	13.70
GROUP 4.....	\$ 36.00	13.70

CUYAHOGA AND GEAUGA
COUNTIES ONLY: SEWAGE
PLANTS, WASTE PLANTS,
WATER TREATMENT
FACILITIES, PUMPING
STATIONS, & ETHANOL PLANTS

CONSTRUCTION.....	\$ 37.66	13.70
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CUYAHOGA, GEAUGA & LAKE
COUNTIES

GROUP 1.....	\$ 36.28	13.70
GROUP 2.....	\$ 36.45	13.70
GROUP 3.....	\$ 36.78	13.70
GROUP 4.....	\$ 37.23	13.70

REMAINING COUNTIES OF OHIO

GROUP 1.....	\$ 34.62	13.70
GROUP 2.....	\$ 34.79	13.70
GROUP 3.....	\$ 35.12	13.70
GROUP 4.....	\$ 35.57	13.70

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); & Gunitite 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

PAIN007-002 07/01/2023

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.....	\$ 28.59	20.04
GROUP 2.....	\$ 29.59	20.04
GROUP 3.....	\$ 29.59	20.04
GROUP 4.....	\$ 29.59	20.04
GROUP 5.....	\$ 29.59	20.04
GROUP 6.....	\$ 29.59	20.04
GROUP 7.....	\$ 29.59	20.04
GROUP 8.....	\$ 29.59	20.04
GROUP 9.....	\$ 29.59	20.04

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 12/01/2022

ATHENS, GUERNSEY, HOCKING, MONROE, MORGAN, NOBLE and
 WASHINGTON COUNTIES

Rates Fringes

PAINTER

Bridges; Locks; Dams; Tension Towers; & Energized Substations.....	\$ 34.81	22.47
Power Generating Facilities..	\$ 31.66	22.47

PAIN0249-002 05/01/2023

CLARK, DARKE, GREENE, MIAMI, MONTGOMERY & PREBLE

Rates Fringes

PAINTER

GROUP 1 - Brush & Roller....	\$ 26.23	12.56
GROUP 2 - Swing, Scaffold Bridges; Structural Steel; Open Acid Tank; High Tension Electrical Equipment; & Hot Pipes.....	\$ 26.23	12.56
GROUP 3 - Spray; Sandblast; Steamclean; Lead Abatement.....	\$ 26.98	12.56
GROUP 4 - Steeplejack Work..	\$ 27.18	12.56
GROUP 5 - Coal Tar.....	\$ 27.73	12.56
GROUP 6 - Bridge Equipment Tender & or Containment Builder.....	\$ 34.94	12.56
GROUP 7 - Tanks, Stacks &		

Towers.....	\$ 29.87	12.56
GROUP 8 - Bridge Blaster, Rigger.....	\$ 37.94	12.56

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 12/01/2021

BELMONT, HARRISON and JEFFERSON COUNTIES

	Rates	Fringes
PAINTER		
Bridges, Locks, Dams, Tension Towers & Energized Substations.....	\$ 34.44	18.19
Power Generating Facilities.	\$ 32.29	18.19

PAIN0476-001 06/01/2023

COLUMBIANA, MAHONING, and TRUMBULL COUNITIES

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 27.49	17.06
GROUP 2.....	\$ 34.12	17.06
GROUP 3.....	\$ 27.70	17.06
GROUP 4.....	\$ 27.99	17.06
GROUP 5.....	\$ 28.14	17.06
GROUP 6.....	\$ 28.39	17.06
GROUP 7.....	\$ 29.49	17.06

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 06/01/2021

ADAMS, HIGHLAND, JACKSON, PIKE & SCIOTO

	Rates	Fringes
PAINTER		
GROUP 1.....	\$ 31.95	17.05
GROUP 2.....	\$ 33.47	17.05
GROUP 3.....	\$ 34.99	17.05
GROUP 4.....	\$ 37.97	17.05

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 06/01/2023

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.....	\$ 25.78	17.12
Structural Steel.....	\$ 27.38	17.12

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 06/01/2022

CARROLL, COSHOCTON, HOLMES, STARK, TUSCARAWAS & WAYNE

	Rates	Fringes
PAINTER		
Bridges; Towers, Poles & Stacks; Sandblasting Steel; Structural Steel & Metalizing.....	\$ 23.50	15.45
Brush & Roller.....	\$ 28.18	15.45
Spray; Tank Interior & Exterior.....	\$ 23.50	15.45

PAIN1020-002 07/01/2023

ALLEN, AUGLAIZE, CHAMPAIGN, DEFIANCE, HARDIN, LOGAN, MERCER,
PAULDING, PUTNAM, SHELBY, VAN WERT, and WILLIAMS COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 26.64	15.56
Drywall Finishing & Taping..	\$ 27.39	15.56
Lead Abatement.....	\$ 28.39	15.56
Spray, Sandblasting Pressure Cleaning, & Refinery.....	\$ 27.39	15.56
Swing Stage, Chair, Spiders, & Cherry Pickers...	\$ 26.89	15.56
Wallcoverings.....	\$ 27.39	15.56

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 05/01/2023

DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, MADISON, PICKAWAY, ROSS
& UNION

	Rates	Fringes
PAINTER		
Bridges.....	\$ 35.57	14.25
Brush; Roller.....	\$ 29.96	14.25

Sandblasting; Steamcleaning; Waterblasting (3500 PSI or Over)& Hazardous Work.....\$ 30.66	14.25
Spray.....\$ 30.46	14.25
Stacks; Tanks; & Towers.....\$ 32.77	14.25
Structural Steel & Swing Stage.....\$ 28.81	14.25

PLAS0109-001 05/01/2023

MEDINA, PORTAGE, STARK, and SUMMIT COUNTIES

	Rates	Fringes
PLASTERER.....\$ 33.74		19.02

PLAS0109-003 05/01/2023

CARROLL, HOLMES, TUSCARAWAS, and WAYNE COUNTIES

	Rates	Fringes
PLASTERER.....\$ 33.74		19.02

PLAS0132-002 07/01/2023

BROWN, BUTLER, CLERMONT, HAMILTON, HIGHLAND, WARREN COUNTIES

	Rates	Fringes
PLASTERER.....\$ 28.40		16.24

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
PLASTERER.....\$ 28.86		17.11

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 05/01/2023		

FULTON, HANCOCK, HENRY, LUCAS, PUTNAM, and WOOD COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 33.74	18.95

PLAS0886-003 05/01/2023		

DEFIANCE, ERIE, HURON, OTTAWA, PAULDING, SANDUSKY, and SENECA COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 33.74	18.95

PLAS0886-004 05/01/2023		

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, and VAN WERT COUNTIES

	Rates	Fringes
PLASTERER.....	\$ 33.74	18.95

PLUM0042-002 07/01/2023		

ASHLAND, CRAWFORD, ERIE, HURON, KNOX, LORAIN, MORROW, RICHLAND & WYANDOT

	Rates	Fringes
Plumber, Pipefitter,		

Steamfitter.....\$ 37.62 25.47

PLUM0050-002 07/03/2023

DEFIANCE, FULTON, HANCOCK, HENRY, LUCAS, OTTAWA, PAULDING,
PUTNAM, SANDUSKY, SENECA, WILLIAMS & WOOD

Rates Fringes

Plumber, Pipefitter,
Steamfitter.....\$ 47.15 24.21

PLUM0055-003 05/01/2023

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

PLUMBER.....\$ 41.11 29.88

PLUM0083-001 07/01/2017

BELMONT & MONROE (North of Rte. #78)

Rates Fringes

Plumber and Steamfitter.....\$ 32.16 31.51

PLUM0094-002 05/01/2023

CARROLL (Northen Half), STARK, and WAYNE COUNTIES

Rates Fringes

PLUMBER/PIPEFITTER.....\$ 38.03 23.09

PLUM0120-002 05/01/2023

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

PIPEFITTER.....\$ 45.62 27.30

PLUM0162-002 06/01/2022

CHAMPAIGN, CLARK, CLINTON, DARKE, FAYETTE, GREENE, MIAMI,
MONTGOMERY & PREBLE

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 36.47	26.80

PLUM0168-002 06/01/2023

MEIGS, MONROE (South of Rte. #78), MORGAN (South of Rte. #78)
& WASHINGTON

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 38.95	34.97

PLUM0189-002 06/01/2022

DELAWARE, FAIRFIELD, FRANKLIN, HOCKING, LICKING, MADISON,
MARION, PERRY, PICKAWAY, ROSS & UNION

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 43.25	26.94

PLUM0219-002 06/01/2023

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
Plumber and Steamfitter.....	\$ 43.22	27.29

PLUM0392-002 06/01/2023

BROWN, BUTLER, CLERMONT, HAMILTON & WARREN

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 38.62	25.83

 PLUM0396-001 06/01/2023

COLUMBIANA (Excluding Washington & Yellow Creek Townships & Liverpool Twp. - Secs. 35 & 36 - West of County Road #427), MAHONING and TRUMBULL COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 37.10	28.51

 PLUM0495-002 06/01/2023

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 McConnelville west on State Rte. #37 to the Perry County line), MUSKINGUM, NOBLE, and TUSCARAWAS COUNTIES

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 32.23	35.40

 PLUM0577-002 06/01/2023

ADAMS, ATHENS, GALLIA, HIGHLAND, JACKSON, LAWRENCE, PIKE, SCIOTO & VINTON

	Rates	Fringes
Plumber, Pipefitter, Steamfitter.....	\$ 39.98	26.48

 PLUM0776-002 07/01/2023

ALLEN, AUGLAIZE, HARDIN, LOGAN, MERCER, SHELBY and VAN WERT COUNTIES

Rates	Fringes
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Plumber, Pipefitter,
Steamfitter.....\$ 40.07 28.95

TEAM0377-003 05/01/2023

STATEWIDE, EXCEPT CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 31.49	16.40
GROUP 2.....	\$ 31.91	16.40

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 05/01/2023

CUYAHOGA, GEAUGA & LAKE

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 31.00	18.95
GROUP 2.....	\$ 32.50	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 (\$17.20) or 13658 (\$12.90). 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 classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of 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. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage

determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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 National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from 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 Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 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, DC 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 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

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

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END OF GENERAL DECISION