

Project Number: 120203

PID #: 83537

Contract ID: CLE83537

DBE Goal: 7%

Clermont

SR-28-2.12

(CITY OF MILFORD, MIAMI TOWNSHIP)

E080(838)

INTERSECTION

Work Type Percentage Performed by Prime: 50

THE 2010 CONSTRUCTION AND MATERIAL SPECIFICATION BOOK IS PART OF THE
BIDDING DOCUMENTS ON THIS PROJECT

PROPOSAL

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

Jerry Wray, Director

April 12, 2012

Submitted by _____

Bidder Id _____

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PN 003 - 10/15/2004 - TITLE VI RELATED STATUTES NON-DISCRIMINATION STATEMENT

The Ohio Department of Transportation, under Title VI of the Civil Rights Act and related statutes, ensures that no person in the Department of Transportation, shall on the grounds of race, color, national origin, sex, disability or age be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity it administers.

PN 006 10/15/2004 - NOTICE TO BIDDERS

Prequalification

Bidders must apply for prequalification with the Department's Office of Contracts, Contractor Qualifications Section, at least 30 days before the date set to open bids.

Certificate of Compliance with Affirmative Action Programs

No contract shall be entered into unless the bidder possesses a valid Certificate of Compliance with Affirmative Action Programs, issued by the State EEO Coordinator, Certification Section, 77 South High Street, 24th Floor, Columbus, Ohio 43215, dated no earlier than 180 days prior to the date fixed for the opening of bids.

PN 019 – 04/15/2005 - 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 Expedite 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 Expedite 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, Expedite (EBS) 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 Miscellaneous Section of the Expedite (EBS) 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, EEO certification (on Federally-funded projects only), and certification against debarment and suspension 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 Expedite (EBS) 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 Expedite 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 state's estimate. (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 - 10/15/2004 - TRUCK LEASING

The Code of Federal Regulations Title 49, Section 26.55(d)(4)(5)(6) governs trucking operations. This section states that the Disadvantaged Business Enterprise (DBE) may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract. The DBE may also lease trucks from a non-DBE firm, including an owner-operator. The DBE who leases trucks from a non-DBE will receive credit for only the fee or commission it receives as a result of the lease agreement. The DBE does not receive credit for the total value of the transportation services provided by the lessee, since these services are not provided by a DBE. The law requires that a lease must indicate that the DBE has exclusive use of and control over the truck for credit to be accorded to the DBE. This does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

In lieu of a truck owner displaying the name and identification number of the DBE, the truck owner shall be required to furnish a photocopy of the lease agreement. Thereby, fulfilling the rule without causing undue hardship on any entity.

Credit for expenditures with DBEs for materials or supplies toward the DBE goal is described as follows:

1. When the materials or supplies are obtained from a DBE manufacturer the prime contractor may receive credit for 100 percent of the cost of the materials or supplies toward the

DBE goal. For purposes of this section, a manufacturer 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.

2. When the materials or supplies are purchased from a DBE regular dealer or supplier the prime contractor may receive credit for 60 percent of the cost of the materials or supplies toward the DBE goal. For purposes of this section, a regular dealer or supplier is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business.

For subcontract agreement (C-92) purposes the following definitions will be used:

Install - DBE contractor who obtains goods, materials and supplies and fixes in place, for use, the same goods, materials and supplies. (e.g., DBE contractor obtains and fixes in place re-bar on project site). Must spend 20% or more time on project per day. 100% credit toward prime's DBE goal.

Stockpiling - DBE Contractor/Trucker who delivers materials, goods, or supplies to project site. 60% credit toward prime's DBE goal.

Tailgating - DBE Contractor/Trucker who delivers and installs materials, goods, or supplies to project site. Must spend 20% or more time on project per day. 100% credit toward prime's DBE goal.

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 014 - 06/29/2010 - DRUG-FREE WORKPLACE

The prime contractor agrees to comply with all applicable state and federal laws regarding drug-free safety program (DFWP). The prime contractor shall make a good faith effort to ensure that all its employees, while working on an ODOT project, will not purchase, transfer, use or possess illegal drugs or alcohol or abuse prescription drugs in any way.

The prime contractor shall also require that this contractual obligation be placed in all subcontractor and materialman contracts that it enters into and further require that all

subcontractors and materialmen place the same contractual obligations in each of their lower tier contracts.

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 008 - 01/15/2010 - SPECIFICATION AND SUPPLEMENTAL SPECIFICATIONS, POLICIES AND SPECIAL PROVISIONS INCORPORATED BY REFERENCE AS IF REWRITTEN HEREIN

The version at the time of bid of the following will govern this improvement:

Policies:

Policy 27-003 (P) Partnering On Construction Projects

Policy 27-009 (P) Acceptance of Nonspecification Material on Construction Projects

Standard Procedures:

510-003 (SP) Standard Procedure for Formal Partnering of Construction Projects

510-004 (SP) Standard Procedure for Preconstruction Conferences & Informal Partnering

510-008 (SP) Standard Procedure for Value Engineering In Construction

510-009 (SP) Acceptance of Nonspecification Material on Construction Projects

Copies of the above-referenced Policies, Standard Procedures and Special Provisions policies can be found on our website at

<http://www.dot.state.oh.us/Divisions/ConstructionMgt/OnlineDocs/Pages/ConstructionPolicies.asp>

PN 027 - 10/15/2004 - IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

(Applicable to all Federal-aid construction contracts and to all related subcontracts of \$100,000 or more.)

By submission of this bid or the execution of this contract, or subcontract, as appropriate, the bidder, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub.L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub.L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR 15) is not listed, on the date of contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.
2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.
3. That the firm shall promptly notify the SHA of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.
4. That the firm agrees to include or cause to be included the requirements of paragraph 1 through 4 of this Section in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

PN 037 - 04/18/2008 - UTILITY NOTE

The contractor must exercise caution when working in proximity to the existing and /or relocated utility facilities.

Sections 105.07 and 107.16 of the Department of Transportation Construction and Material Specifications require that the contractor cooperate with all utilities located within the limits of this construction project and take responsibility for the protection of the utility property and services.

If the contractor is directed by a utility company to perform any work not specifically contained in this note, the Department will not compensate the contractor for this work unless the Department approves the request in writing before the work begins. If the work is not preapproved by the Department, the contractor will be responsible for obtaining reimbursement for its work from the utility company which directed the contractor to perform the work.

In the event that the contractor requests that additional work, not specifically contained in this note, be performed by a utility company, the contractor will be responsible for reimbursing the utility company for the additional work unless the Department has agreed in writing to pay for the additional work before the work begins.

PN 015 - 10/15/2004 - CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

The required contract provisions for federal-aid construction contracts (contained in Form FHWA 1273 revised April 1993) are hereby incorporated reference as if rewritten herein.

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 – 11/21/2011 - NOTICE OF REQUIREMENT OF AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY

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.

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 at <http://www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Pages/default.aspx>. These goals are based on 2000 census data and represent the area, per craft, minority and female availability pool.

Minority and female utilization obligations by craft per county (applicable to project):
<http://www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Construction/CountyAvailability-ByTrade.pdf>

Statewide utilization obligations by craft (applicable to the Contractor's statewide workforce):
<http://www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Construction/StatewideAverages-ByTrade.pdf>

The New Hire Definition 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 new hires the contractor shall identify that employee as a new hire on that specific project only. Subsequent work, barring a break in service of 60 days or more, would **not** qualify the employee as a new hire for that contractor.

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 as outlined in the attached subcontract agreement the Contractor shall provide immediate written notification to the ODOT and the Prime Contractor when referral practices of the union or unions with which the Contractor has a collective bargaining agreement impede the company's efforts to meet its equal opportunity obligations.

The 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.

<http://www.dol.gov/ofccp/TAguides/consttag.pdf> page E-32

The Department of Administrative Services (DAS), Equal Opportunity Division, is responsible for ensuring state contractors implement and adhere to the State of Ohio's affirmative action program pursuant to [Ohio Administrative Code \(OAC\) 123:2-3-02](#). 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, as well as maintaining a working environment free of discrimination, harassment and intimidation. The DAS may perform contract compliance reviews on contractors involved with state funded ODOT projects. Requirements for affirmative action obligations governing DAS contract compliance reviews are those listed in the O.A.C. for the Metropolitan Statistical Area in which a project is located.
http://www.das.ohio.gov/Eod/123_2_3_02.htm

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 Ohio Department of Administrative Services covering the contractor's total workforce within the state of Ohio. 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 state contract.

<http://www.das.ohio.gov/Eod/ccinputform29.htm>

The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs, 200 N. High Street, Room 409, Columbus, Ohio 43215, within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor, estimated dollar amount of the subcontract, estimated starting and completion dates of the subcontract and the geographical area in which the subcontract is to be performed.

PN 029 – 10/15/2004 – ON THE JOB TRAINING PROVISIONS

The requirements of this Training Special Provision supersede subparagraph 7b of the Special Provision entitled Special Employment Opportunity Responsibilities, and implements 23 U.S.C. 140(a).

The following must be included as part of the Contractor's equal employment opportunity affirmative action training program:

The Contractor must provide on-the-job training aimed at developing full journey persons in the type or job classification in which they work.

The contractor is not required to have a specific number of trainees assigned to this project. The number of trainees will be distributed among the work classifications on the basis of the Contractor's needs and the availability of the journey persons in the various classifications. The Contractor will be credited for each trainee employed by him or her who is currently enrolled or becomes enrolled in an approved program.

Training and upgrading of minorities and women toward journey person status is a primary objective of this Training Special Provision. Accordingly, the Contractor must make every effort to enroll minority trainees and women (e.g., by conducting systematic and direct recruitment through public and private sources likely to yield minority and women trainees) to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and will not be used, to discriminate against any applicant for training, regardless of whether the applicant is a member of a minority group or not.

No employee will be employed as a trainee in any classification in which he or she has successfully completed a training course leading to journey person status or in which he or she has been employed as a journey person. The Contractor must satisfy this requirement by including appropriate questions in the employee's application or by other suitable means. Regardless of the method used, the Contractor's records must document the findings in each case.

The minimum length and type of training for each classification will be established in the training program selected by the Contractor.

No payment by ODOT will be made to the Contractor for providing this training. However, if the Contractor fails to provide adequate training and cannot show good faith efforts on its part to provide adequate training, it will be subject to a formal compliance review to determine the Contractor's efforts in meeting the EEO laws and regulations.

The Contractor must provide the following reports:

1. CR1 Report
 - A. To be completed on each trainee
 - B. To be filled out at the start of training and finish of training or at the end of the year, whichever comes first
 - C. To be submitted to the District in which the Contractor's home office is located.
2. Tracking will be on an annual basis. The Contractor must submit the subsequent CR1 to the District in which the Contractors home office is located.

The prime or subcontractor conducting the training must be involved in at least one Federal project per calendar year in order to get FHWA training credit. Participation in the OJT Program is not project or contract specific.

All Contractors are encouraged to participate in the OJT program. Such a program will be considered when examining the contractor's Good Faith Efforts toward meeting its contractual affirmative action obligations.

All Contractors shall submit their own Training Program or Apprenticeship Certificate, for approval, to the District in which the company's home office is located.

All OJT Trainees must have the appropriate certification. Apprenticeship Certificates can be obtained from the State of Ohio, Bureau of Apprenticeship and Training. The union apprenticeship agreement is not acceptable verification of an apprentice's enrollment in a union sponsored training program. A copy of the Apprenticeship Certificate along with a statement indicating the number of months/years the employee has been in the apprenticeship program must be submitted to the EEO Coordinator in the company's home district and to the prevailing wage coordinator in the district responsible for the project within 90 days of the apprentice beginning work on the project.

PN 035 - 10/15/2004 - SPECIAL PROVISIONS OF FEDERAL-AID HIGHWAY PROGRAM OF MANUAL 6-4-1-2 SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES

1. GENERAL

a. Equal employment opportunity requirements not to discriminate and to take affirmative action to assure equal employment opportunity as required by Executive Order 11246 and Executive Order 11375 are set forth in Required Contract Provisions (Form PR- 1273 or 1316, as appropriate) and these Special Provisions which are imposed pursuant to Section 140 of Title 23, U.S.C., as established by Section 22 of the Federal-Aid Highway Act of 1968. The requirements set forth in these Special Provisions shall constitute the specific affirmative action requirements for project activities under this contract and supplement the equal employment opportunity requirements set forth in the Required Contract Provisions.

b. The contractor will work with the State Highway Agencies and the Federal Government in carrying out equal employment opportunity obligations and in their review of his/her activities under the contract.

c. The contractor and all his/her subcontractors holding subcontracts not including material suppliers, of \$10,000 or more, will comply with the following minimum specific requirement activities of equal employment opportunity: (The equal Employment Opportunity requirements of Executive Order 11246, as set forth in Volume 6, Chapter 4, Section 1, Subsection I of the

Federal-Aid Highway Program Manual, are applicable to material suppliers as well as contractors and subcontractors.) The contractor will include these requirements in every subcontract of \$10,000 or more with such modification of language as is necessary to make them binding on the subcontractor.

2. EQUAL EMPLOYMENT OPPORTUNITY POLICY

The contractor will accept as his operating policy the following statement which is designed to further the provision of equal employment opportunity to all persons without regard to their race, color, religion, sex, or national origin, and to promote the full realization of equal employment opportunity through a positive continuing program:

It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, or national origin. Such action shall include: employment, upgrading, demotion, or transfer recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship, pre-apprenticeship, and/or on-the-job training.

3. EQUAL EMPLOYMENT OPPORTUNITY OFFICE

The contractor will designate and make known to the State Highway Agency contracting officers an equal employment opportunity officer (hereinafter referred to as the EEO Officer) who will have the responsibility for and must be capable to effectively administering and promoting an active contractor program of equal employment opportunity and who must be assigned adequate authority and responsibility to do so.

4. DISSEMINATION OF POLICY

a. All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's equal employment opportunity policy and contractual responsibilities to provide equal employment opportunity in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

(1) Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's equal employment opportunity policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer or other knowledgeable company official.

(2) All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer or other knowledgeable company official covering all major aspects of the contractor's equal employment opportunity obligations within thirty days following their reporting for duty with the contractor.

(3) All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer or appropriate company official in the contractor's procedures for locating and hiring minority group employees.

b. In order to make the contractor's equal employment opportunity policy known to all employees, prospective employees and potential sources of employees, i.e., schools, employment agencies, labor unions (where appropriate), college placement officers, etc., the contractor will the following actions:

(1) Notices and posters setting forth the contractor's equal employment opportunity policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

(2) The contractor's equal employment opportunity policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

5. RECRUITMENT

a. When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Employment Opportunity Employer." All such advertisements will be published in newspapers or other publications having a large circulation among minority groups in the area from which the project work force would normally be derived.

b. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants, including, but not limited to, State employment agencies, schools, colleges and minority group organizations. To meet this requirement, the contractor will, through his EEO Officer, identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group applicants may be referred to the contractor for employment consideration.

In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to extent that the systems permits the contractor's compliance with equal employment opportunity contract provisions. (The U.S. Department of Labor has held that where implementation of such agreements have the effect of discriminating against minorities or women or obligates the contractor to do the same, such implementation violates Executive Order 1 1246, as amended.)

c. The contractor will encourage his present employees to refer minority group applicants for employment by posting appropriate notices or bulletins in areas accessible to all such employees. In addition, information and procedures with regard to referring minority group applicants will be discussed with employees.

6. PERSONNEL ACTIONS

Wages, working conditions and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, or national origin. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with his obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of his avenues of appeal.

7. TRAINING AND PROMOTION

a. The contractor will assist in locating, qualifying, and increasing the skills of minority group and women employees, and applicants for employment.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event the "Training Special Provisions" are included in this bid proposal, this subparagraph will be superseded as indicated in said provisions.

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.

8. UNIONS

If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the contractor either directly or through a contractor's association acting as agent will include the procedures set forth below:

a. The contractor will use best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.

b. The contractor will use best efforts to incorporate an equal employment opportunity clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, or national origin.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the State Highway Department and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex or national origin, making full efforts to obtain qualified and/or qualifiable minority group persons and women. (The U.S. Department of Labor

has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the State highway agency.

9. SUBCONTRACTING

a. The contractor will use his best efforts to solicit bids from and to utilize minority group subcontractors or subcontractors with meaningful minority group and female representation among their employees. Contractors shall obtain lists of minority-owned construction firms from State Highway Agency personnel.

b. The contractor will use his best efforts to ensure subcontractor compliance with their equal employment opportunity obligations.

10. RECORDS AND REPORTS

a. The contractor will-keep such records as are necessary to determine compliance with the contractor's equal employment opportunity obligations. The records kept by the contractor will be designed to indicate:

(1) the number of minority and non-minority group members and women employed in each work classification on the project,

(2) the progress and efforts being made in cooperation with unions to increase employment opportunities for minorities and women (applicable only to contractors who rely in whole or in part on unions as a source of their work force),

(3) the progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees, and

(4) the progress and efforts being made in securing the services of minority group subcontractors or subcontractors with meaningful minority and female representation among their employees.

b. All such records must be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the State Highway Agency and the Federal Highway Administration.

c. The contractors will submit to the State Highway Agency a monthly report for the first three months after construction begins and every month of July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form PR 139 1. If on-the-job training is being required by "Training Special Provisions," the contractor will be required to furnish Form FHWA 1409.

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 - 10/15/2004 - AFFIDAVIT OF SUBCONTRACTOR PAYMENT

The Code of Federal Regulations 49, 26.37(b), requires the Ohio Department of Transportation (ODOT) to monitor and verify that work committed to Disadvantaged Business Enterprise (DBE) firms at contract award is actually performed by the DBE's. Additionally, ODOT is required to report the DBE participation on each project, including all work, materials or service sublets. Therefore, it is ODOT's responsibility to discern whether payments are made to DBE firms. An affidavit is to be completed and signed by the contractor within 15 days of the completion of the project. The affidavit seeks to verify actual payments made to DBE firms on the project. Each DBE firm must verify the actual payment amount.

The blank spaces in the affidavit must be filled in correctly, where indicated. The affidavit must be signed by the prime contractor and subcontractor, or by the subcontractor and DBE subcontractor, if applicable. By signing the affidavit, the noted firm agrees that the payment amount recorded is true and accurate as of the payment time period.

Completed and signed affidavit shall be mailed to the Ohio Department of Transportation, Office of Contracts, DBE Services section, 1980 West Broad Street, Columbus, Ohio 43223.

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 – 06/23/2009 - DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENTS

It is the policy of the Ohio Department of Transportation that Disadvantaged Business Enterprises (DBEs) shall have equal opportunity to compete for and perform subcontracts which the Contractor enters into pursuant to this contract. The Contractor must use its best efforts to solicit bids from and to utilize DBE subcontractors with meaningful minority groups and female representation among their employees. Consequently, the requirements of Title 49 CFR Part 26 and Ohio Revised Code §5525.011 apply to this contract. The Contractor must ensure that the DBE subcontractor(s) is performing a “commercially useful function” as defined in CFR 26.55.

The percentage indicated on the front cover of this bid is the percent of the awarded Contractor's bid which must be subcontract to certified ODOT DBE firms. The percentage goal may be met if the awarded Contractor is DBE certified.

In order to be assured that the Contractor complies with this contract requirement the Contractor shall provide certified payrolls from its DBE subcontractors where appropriate. When the Contractor utilizes a service, for example trucking, to satisfy a part or its entire contractual goal, the Contractor, when requested, must provide a copy of each canceled check issued to the DBE service provider until the goal amount is reached. The Department shall total the amounts of the canceled checks and compare that total to the subcontract agreement by the parties and the C-92 issued to the Contractor for the work to be performed by the DBE subcontractor.

WAIVER PROCESS FOR DBE GOAL

The Contractor must document the progress and efforts being made in securing the services of DBE subcontractors. In the event the Contractor is unable to meet the DBE Goal placed on this project, a request for a waiver of all or part of the goal may be made to the Office of Contracts. The written request must indicate a good faith effort was made to meet the goal and be sent to the Administrator, Office of Contracts, 1980 West Broad Street, Columbus, Ohio, 43223. There will be no extension of time for the project granted if the Contractor wishes to avail himself of this process. If an item of work subcontracted to a DBE firm is non-performed by the Department or the subject of an approved VECP, the Contractor may request a waiver for the portion of work excluded.

The Contractor must provide the following information and documentation when requesting DBE goal waiver:

1. Dollar value and % of DBE goal. Dollar value and % of waiver request.

2. Signed copy of each subcontract or purchase order agreement between the prime and DBE subcontractor utilized in meeting the contract goal.
3. Copy of dated written communication, fax confirmation, personal contact, follow up and negotiation with the DBE's.
4. Copy of dated written communication and/or fax confirmation that bidder solicited and provided DBE's with adequate information about the plans, specifications and requirements of the contract in a timely manner to assist them in responding to a solicitation.
5. Copy of dated written communication and/ or fax confirmation of each noncompetitive DBE quote that includes the dollar value of each reference item and work type.
6. Copy of dated written communication and/ or dated fax confirmation of DBE's that were not interested in providing a quote for the project.
7. Documentation of all negotiating efforts and reason for rejecting bids.
8. Documentation of good faith efforts (GFE) to meet the DBE subcontract goal, by looking beyond the items typically subcontract or consideration of subcontracting items normally performed by the prime as a way to meet the DBE goal.

The Administrator will review the submitted documentation and issue a written decision within ten (10) business days. The Contractor may request administrative reconsideration within 14 days of being informed that it did not perform a GFE. The Contractor must make this request in writing to the following official:

Ohio Department of Transportation
Attention: Administrator, Office of Contracts
1980 West Broad Street
Columbus, Ohio 43223

The reconsideration official will not have played any role in the original determination that the contractor did not document sufficient good faith effort.

As part of this reconsideration, the contractor will have the opportunity to provide written documentation or an argument concerning the issue of whether it met the goal or made adequate good faith efforts to do so. ODOT will send the contractor a written decision on reconsideration explaining the basis for finding that the contractor did or did not meet the goal or make adequate good faith efforts. The result of the reconsideration process is not administratively appealable to the US Department of Transportation. However, it is appealable to the Franklin County Court of Common Pleas.

SANCTIONS

The Ohio Department of Transportation will issue sanctions if the Contractor chooses not to request a waiver, the Contractor fails to comply with the contract requirements and/or fails to demonstrate the necessary good faith effort.

The Ohio Department of Transportation may impose any of the following sanctions:

- 1) letter of reprimand;
- 2) liquidated damages computed up to the amount of goal dollars not met;
- 3) cross-withhold from future projects;
- 4) contract termination and/or

- 5) other remedies available by law including suspension, revocation, and/or debarment.

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

- 1) the magnitude and the type of offense;
- 2) the degree of the Contractor's culpability;
- 3) any steps taken to rectify the situation;
- 4) the Contractor's record of performance on other projects including, but not limited to:
 - a. annual DBE participation over DBE goals;
 - b. annual DBE participation on projects without goals;
 - c. number of complaints the Ohio Department of Transportation has received from DBEs regarding the Contractor; and
 - d. the number of times the Contractor has been previously sanctioned by the Department of Transportation; and
- 5) whether the Contractor falsified, misrepresented, or withheld information.

PN 034 - 10/15/2010 - DRUG FREE SAFETY PROGRAM

During the life of this project, the Contractor and all its Subcontractors, that provide labor on the Project site, must be enrolled in and remain in good standing in the Ohio Bureau of Worker's Compensation ("OBWC") Drug-Free Workplace Program ("DFSP") or a comparable program approved by the OBWC.

In addition to being enrolled in and in good standing in an OBWC-approved DFWP or a comparable program approved by the OBWC, the Department requires each Contractor and Subcontractor that provides labor, to subject its employees who perform labor on the project site to random drug testing of 5 percent of its employees. The random drug testing percentage must also include the on-site supervisors of the Contractors and Subcontractors. Upon request, the Contractor and Subcontractor shall provide evidence of required testing to the Department.

Each Subcontractor shall require all lower-tier Subcontractors that provides labor on the project site with whom the Subcontractor is in contract for the Work to be enrolled in and be in good standing in the OBWC DFWP or an OBWC-approved DFSP prior to a lower-tier Subcontractor providing labor at the Site.

The Department will declare a bid non-responsive and ineligible for award if the Contractor is not enrolled and in good standing in the Ohio Bureau of Workers' Compensation's Drug-Free Workplace (DFSP) Discount Program or a similar program approved by the Bureau of Workers' Compensation within 8 days of the bid opening. Furthermore, the Department will deny all requests to sublet when the subcontractor does not comply with the provisions of this proposal note.

Failure of the Contractor to require a Subcontractor to be enrolled in and be in good standing in the OBWC DFWP or an OBWC-approved DFWP prior to the time that the Subcontractor provides labor at the Site, shall result in the Contractor being found in breach of the Contract and that breach shall be used in the responsibility analysis of that Contractor or the Subcontractor who was not enrolled in a program for future contracts with the State for five years after the date of the breach.

PN 090 - 01/21/2011 - 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 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 - 07/09/2009 -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:

<http://www.wdol.gov/wdol/scafiles/archive/davisbacon/2012/oh2.r3>

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.

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 and all subcontractors shall submit to the District Construction Office, certified payrolls each week beginning three weeks after the start of work. These payrolls shall be on a Form WH-347 or equivalent and shall show the following:

Employee name, address, 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 project number and pay week dates.
4. Original signature of a company officer on the certification statement.

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.

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 107 - 07/16/2010 - CRITICAL PATH METHOD PROGRESS SCHEDULE

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 108.02.B 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 can be in bar chart format or 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.

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 additional 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. Generate the baseline schedule using either SureTrak Project Manager or P3 Project Planner by Primavera Systems Inc., Bala Cynwyd, PA.

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 Description. 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).
- 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. 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 permitted when both activities are already linked with a start-to-start 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) Hammock:

Use hammocks to show the duration of specified contract work periods, phases and road closures. The hammock 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) Weather and Seasonal Conditions:

The winter 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 or PN 130](#), shall be considered [and entered into the CPM schedule calendars as non-work days](#) and be included in the planning and scheduling of all work.

g) Linking Projects:

Independent projects shall not be linked using Primavera's Interproject Relationship Manager Application.

- h) Activity Codes:
The Contractor shall, at a minimum, include codes for Area, Phase, and Responsibility for each activity.
- i) Schedule Options:
The schedule may only be calculated using retained logic. Show open ends as non-critical. Schedule durations are to be contiguous. Total float shall be calculated as finish float.

2. Submission Requirements. Submit all schedules within the time frames specified. Submit the schedule and information in electronic file format via email, on diskette or compact disc (CD) compatible with the Engineer's computer. Submit the following information along with the electronic baseline schedule:

- a) A baseline schedule in a bar chart 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, Early Start Date, Early Finish Date, and Calendar ID. Use arrows to show the relationships among activities.
- b) A baseline schedule in a bar chart format, on paper. 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."
- c) A Six Week Look Ahead Schedule in bar chart 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.
- d) A Scheduling Statistics Report. Submit a report of baseline schedule statistics, including number of activities, number of activities on the longest path, number of started activities, number of completed activities, number of relationships, percent complete, and number and type of constraints.
- e) A Logic Diagram (If requested by the Engineer). Submit a diagram in PERT chart format showing the logic of the baseline schedule.
- f) An Activity ID Sort. Submit a listing of all activities included in the baseline schedule sorted by ascending Activity Identification Number.
- g) A Total Float Sort. Submit a listing of all activities included in the baseline schedule sorted by increasing total float and by early start date.
- h) A Detailed Predecessor/Successor Sort. Submit a listing of all activities included in the baseline schedule indicating the activities that immediately precede and immediately succeed that activity in the schedule logic.

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 last day of the preceding month. The date for submission and data date may be adjusted to accommodate regularly scheduled progress meetings. Submit the monthly updated bar chart on paper and a copy of the updated schedule in electronic format in Section C.2. The Engineer shall "approve" or "reject" the schedule update within 5 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. Provide a written narrative that identifies any changes or shifts in the critical path and submit reasons for the changes or shifts in the critical path. Correct out-of-sequence progress listings generated by the Scheduling Statistics Report on the critical path. 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. CPM Schedule in Bar Chart Format
- ii. Six Week Look Ahead CPM Schedule in Bar Chart Format
- iii. Logic Diagram (If requested by the Engineer)

- iv. Activity ID Sort (If requested by the Engineer)
- v. Total Float Sort (If requested by the Engineer)
- vi. Detailed Predecessor/Successor Sort (If requested by the Engineer)
- vii. Schedule Statistics Report
- viii. Electronic files (formatted as described above)

The Contractor may submit a statement that there were no changes in the schedule logic, activity durations, or calendars since the previous update in lieu of submission of items iii, iv, v and vi. .

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>Date</u>	<u>Original Project Duration</u>	<u># days prior to Contract Completion</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. All revisions must be reported in narrative form on a cover sheet accompanying the monthly update schedule. 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 or as a fragnet within the monthly update schedule. A fragnet is defined as 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. 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 two paper copies and two electronic copies 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 two paper copies and two electronic copies 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.
3. 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 127 – 10/19/2007 – 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 416 - 7/15/2005 - DESIGN REQUIREMENTS FOR PLANT MIX PAVEMENTS (HEAVY)

On this project, design all 301 bases and asphalt pavements requiring 441 for HEAVY traffic volumes.

PN 520 – 04/15/2011 - FUEL PRICE ADJUSTMENT

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

The Department determines adjustments under the provisions of this Proposal Note, and presumes that the Contractor/(DBT) has relied on these provisions when determining unit bid

prices. The monthly application range for percent change (Mbp/Cbp) will not exceed 50% for a Fuel Price Adjustment increase or 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. 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* = 30,000 c.y. (22,936 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)
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, 308, 424, 442, 443, 446, 448, 803, 826, 857, 880	Gallons per cubic yard (Gallons per cubic meter)	4.50 (5.88)
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, 888, 896	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, 893, 894, 898	Gallons per cubic yard (Gallons per cubic meter)	4.00 (5.23)

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

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

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

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

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

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

Cost increases in excess of 150% 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 1.50, the Fpa shall be calculated using a Cbp/Mbp ratio of 1.50.

Cost decreases in excess of 50% 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 0.50, the Fpa shall be calculated using a Cbp/Mbp ratio of 0.50.

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 530 – 04/15/2011 – ASPHALT BINDER PRICE ADJUSTMENT FOR SINGLE YEAR PROJECTS

Eligibility

If the Department's asphalt binder index has increased or decreased in excess of 15%, asphalt concrete may be eligible for a price adjustment. The total price adjustment must be more than \$100 for any contract item. Eligibility is determined as follows:

1. Any contract item listed in the Schedule of Contract Items specifying more than 500 CY (382 m3) of asphalt concrete and with more than 500 CY (382 m3) of asphalt concrete complete, in-place, and accepted; or
2. For design-build projects, any contract item listed in the Schedule of Contract Items and with more than 500 CY (382 m3) of asphalt concrete complete, in-place, and accepted.

Asphalt Binder Index

The Department will establish and publish the asphalt binder index for each month of each calendar year. The asphalt binder index will be posted on the Department's website.

The Department will establish the asphalt binder index 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 PG 64-22 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. This calculated asphalt binder index will be posted by the Department as the index for the following month.

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

Calculation

If the ratio of the Placing Index (PI) to the Bidding Index (BI) is greater than 1.15 or less than 0.85, 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:

$$PA = \left(\frac{PI}{BI} - 1.15 \right) \times C \times Q$$

For a price decrease:

$$PA = \left(\frac{PI}{BI} - 0.85 \right) \times C \times Q$$

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 according to the Department's Construction and Material Specifications Item 401.21.

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.

PN 552 – 01/21/2011 – Item 512 – Removal of Existing Coatings from Concrete Surfaces

Revise the 2010 Construction and Materials Specifications as follows:

Section 512.09 Method of Measurement

Add a new paragraph after the second paragraph:

The Department will measure the removal of existing coatings from concrete surfaces in square yards (square meters) removed.

Section 512.10 Basis of Payment

Add a new paragraph after the second paragraph:

The Department will consider the removal of dust, dirt, oil, wax, curing compounds, efflorescence, laitance, and other foreign materials as incidental to the surface preparation of the concrete surfaces to be sealed. When the surface to be sealed contains an existing coating, the Department will consider all materials, equipment and labor to remove the existing coating as incidental to the removal of existing coatings.

Table of Pay Items:

512	Square Yards (Square Meter)	Removal of Existing Coatings from Concrete Surfaces
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PN 607 – 01/21/11 – 607 FENCE

Revise the 2010 Construction and Materials Specifications as follows:

ITEM 607 FENCE

607.01 Description

607.02 Materials

607.03 Clearing and Grading

607.04 Post Assemblies

607.05 Horizontal Deflection

607.06 Line Posts

607.07 Fabric

607.08 Barbed Wire

607.09 Method of Measurement

607.10 Basis of Payment

607.01 Description. This work consists of furnishing and erecting fence and gates of the types designated. Construct fence in a manner that provides a rigid, taut fence closely conforming to the surface of the ground.

Fence is designated by the following types:

- A. Type 47 [47-inch (1195 mm)] woven wire fence fabric with steel line posts.
- B. Type 47RA [47-inch (1195 mm)] woven wire fence fabric with wood line posts.

- C. Type CL [60-inch (1525 mm)] chain-link fence fabric with top rail.
- D. Type CLT [60-inch (1525 mm)] chain-link fence fabric with tension wire.

607.02 Materials. Furnish materials conforming to:

Concrete, Class C, F, or S.....	499 and 511
Reinforcing steel	509.02
Barbed wire.....	710.01
Woven steel wire fence	710.02
Chain-link fence	710.03
Fence posts, braces, and dimension lumber	710.11
Steel line posts and ties, Type 47 fence.	710.11
Expansion shield anchors, self drilling....	712.01
Seeding and Mulching	659

607.03 Clearing, Grading and Seeding. Perform clearing and grading as necessary to construct the fence to the required alignment, and provide a reasonably smooth ground profile at the fence line. Perform item 607 Fenceline Seeding and Mulching in accordance with Item 659 Seeding and Mulching on all areas disturbed by the clearing and grading of the 607 Fence within 8 months of the activity. Item 607 Fenceline Seeding and Mulching will be deducted from Item 659 Seeding and Mulching quantities as described in the plan, if applicable

607.04 Post Assemblies. Securely brace end, corner, gate, and pull or intermediate anchor posts in position during the curing period of the concrete encasement. The Engineer will not require forms for post encasement.

For Type 47 and Type CLT fence, ensure that the maximum spacing between intermediate anchor post assemblies, or between end post assemblies and intermediate anchor post assemblies, are 660 feet (200 m).

607.05 Horizontal Deflection. At points of horizontal deflection, construct the fence as follows:

A. Type 47 Fence. If the fence changes alignment by more than 1 degree but not more than 4 degrees, install either steel line posts encased in concrete or wood posts without encasement at all horizontal deflection points. If the change in alignment is more than 4 degrees and less than 30 degrees, build an intermediate anchor post assembly at the deflection point. If the change in alignment is 30 degrees or more, build a corner post assembly at the deflection point.

B. Type CL Fence. If the fence changes alignment by more than 1 degree but not more than 4 degrees, install line posts encased in concrete at all horizontal deflection points. If the change in alignment exceeds 5 degrees, provide a post brace and truss rod in each fence panel adjacent to the post located at the angle point. If the change in alignment exceeds 5 degrees, construct the footings for all post located at deflection points as specified for end posts.

607.06 Line Posts. Set line posts according to the following:

A. Type 47 Fence. Space line posts at intervals not to exceed 12 feet (3.6 m). Anchor line posts at the bottom of dips or depressions in the ground surface in concrete. If channels or streams cross the fence line, construct crossings as shown on the plans.

On tangents, place line posts so that the fabric, when installed on the side toward the highway, is 2 feet (0.6 m) from the Right-of-Way line. If adjacent to Right-of-Way lines with less than 5740 feet (1750 m) radius (in excess of 1 degree curvature), construct line posts on chords so that the fabric, when installed on the side toward the highway, is not less than 2 feet (0.6 m) or more than 8 feet (2.4 m) from the Right-of-Way line.

Locate posts at points of horizontal deflection so that the fence fabric will bear against the post.

B. Type CL Fence. Protect the tops of driven line posts by drive caps or other method to prevent distortion of the exposed end. Space line posts at not more than 10-foot (3 m) centers, and place them so that, when the wire is fastened on the side toward the highway, it is 1 foot (0.3 m) from the Right-of-Way line.

607.07 Fabric. If setting posts in concrete, do not erect the fabric until after 5 days from the time of setting the posts when using regular cement, or until after 3 days when using high early strength cement.

Stretch and securely fasten Type 47 fabric to line posts using galvanized ties. At a minimum, use one tie each for the top and bottom horizontal wires and one tie for each alternate horizontal wire below the top horizontal wire.

Fasten chain-link fabric to the line posts using clips or bands spaced approximately 14 inches (0.4 m) apart, and to the top rail or top tension wire using bands or tie wires at approximately 24-inch (0.6 m) intervals or less. Join successive rolls of fabric by weaving a single picket into the ends of the rolls to form a continuous mesh.

607.08 Barbed Wire. If barbed wire is specified, stretch and fasten it in the same manner as woven wire fabric.

607.09 Method of Measurement. The Department will measure Fence, Type ____ by the number of feet (meters), complete in place. The Department will measure along the top of the fence from outside to outside of end posts, exclusive of gates and other openings.

The Department will count Gate, Type ____ by the number of complete units of the size and type specified.

The Department will measure Fenceline Seeding and Mulching by the linear feet of fence. The Department will measure along the top of the fence from outside to outside of end posts, exclusive of gates and other openings.

607.10 Basis of Payment. The Department will pay for accepted quantities at the contract prices as follows:

Seeding and Mulching shall be paid under Item 607 Seeding and Mulching

Item	Unit	Description
607	Foot (Meter)	Fence, Type____
607	Each	Gate, Type____
607	LF	Fenceline Seeding and Mulching

Utility Note

CLE-SR 28-2.12, PID 83537

December 13, 2011

DUKE ELECTRIC

Duke Electric has existing facilities within the construction limits, as shown in the construction plans that will stay in place and in service. The Contractor must comply with OSHA requirements when working around overhead electric lines and equipment. At no time should workers violate the clearance distance established by OSHA or their own company's safety standards in regards to Duke's electric lines and safe working distance. Any cover up required from Duke Electric is only good for **visual identification only** and not to be used for insulation purposes. To request cover up, the Contractor must call 513-421-9500 or 513-651-0444 at least five (5) working days in advance of needing the service. The contact person is Ginny Meyer at 513-287-1748.

DUKE GAS

Duke Gas has existing facilities within the construction limits, as shown in the construction plans that will stay in place and in service. Duke has an 8 inch transmission main encased in 12 inch steel casing that crosses the project at approximate Sta: 209+30. The contact person is Bill Roth at 513-287-1098.

CINCINNATI BELL TELEPHONE (CBT)

CBT has existing facilities within the construction limits, as shown in the construction plans that will stay in place and in service. CBT has buried telephone ducts along State Route 28 from Sta: 63+00, 80 feet Lt. to Sta: 67+50, 40 feet Lt. CBT also has telephone ducts hung under the State Route 28 bridge over I.R. 275 from Sta: 67+50 to Sta: 70+50. The ducts located at the rear abutment will stay in place during construction work. The Contractor must work around the telephone ducts; the ducts shall not be disturbed. The telephone ducts located at the forward abutment must be temporarily supported during construction. CBT must provide the support necessary for their ducts during the construction work around their facilities. The support must be of such that it will not impede or interfere with the Contractor's work. The Contractor shall coordinate the temporary support of the telephone ducts with CBT. The Contractor shall contact CBT at least two (2) days in advance of construction work on bridge (forward and rear abutments) so that CBT can provide an inspector on site for all work around their telephone ducts. The contact person is Mark Conner at 513-565-7043.

TIME WARNER (TW) - Cable TV

TW has existing facilities within the construction limits that follow Duke Electric's pole line and will stay in place and in service. The contact person is Gary Napier at 513-469-5483.

CLERMONT COUNTY WATER AND SEWER

Clermont County Water and Sewer has existing facilities within the construction limits as shown in the construction plans. Their relocation work is included in the construction plans and will be completed by the ODOT Contractor. The Contractor shall coordinate water shutdowns with all those affected by giving them at least a 48-hour notice. The County shall be given a minimum of one (1) week notice for any water shutdown. The contact person is Tim Cherry at 513-479-4031.

CITY OF MILFORD

City of Milford has no involvement with this project. The contact person is Matthew Newman at 513-831-6819.

TRAFFIC.COM, INC.

Traffic.Com has existing facilities within the construction limits. Traffic.Com will remove a traffic sensor located approximately 0.2 miles south of State Route 28, 344 feet southeast of milepost 57.40; set back 40 feet from edge of southbound travel lane. Traffic.Com will remove the traffic sensor close to the start date of work on the project. The Contractor shall contact Doug Young with TransCore at least two (2) weeks in advance of starting work. The sensor removal should take no more than a week to complete. The contact person is Doug Young at 419-367-7817.

Project Number: 120203

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: **10/15/2012**

Unit Price Contract

FOR IMPROVING SECTION CLE-28-2.12, STATE ROUTE 28 IN THE CITY OF MILFORD, MIAMI TOWNSHIP, CLERMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY GRADING, DRAINING, PAVING WITH ASPHALT CONCRETE ON ASPHALT CONCRETE BASE, BY BRIDGE REPAIR WORK AND RELATED WORK.

Project Length: 0.30 Miles

Work Length: 2.45 Miles

Pavement Width: Varies

Project Number: 120203

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	1.000
0003		202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR) (WT: NR)	NR	SY	21,763.000
0004		202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	NR	FT	588.000
0005		202E35101	PIPE REMOVED, 24" AND UNDER, AS PER PLAN (WT: NR)	NR	FT	185.000
0006		202E35200	PIPE REMOVED, OVER 24" (WT: NR)	NR	FT	1,063.000
0007		202E38000	GUARDRAIL REMOVED (WT: NR)	NR	FT	2,022.000
0008		202E58000	MANHOLE REMOVED (WT: NR)	NR	EACH	3.000
0009		202E58100	CATCH BASIN REMOVED (WT: NR)	NR	EACH	6.000
0010		202E58500	CATCH BASIN ABANDONED (WT: NR)	NR	EACH	1.000
0011		202E70100	SPECIAL - PIPE CLEANOUT (WT: NR)	NR	FT	149.000
0012		202E75000	FENCE REMOVED (WT: NR)	NR	FT	652.000
0013		202E98100	REMOVAL MISC.:DECORATIVE SIGN (WT: NR)	NR	EACH	1.000
0014		202E98100	REMOVAL MISC.:TRAFFIC DETECTOR (WT: NR)	NR	EACH	1.000
0015		203E10000	EXCAVATION (WT: 04)	04	CY	82,786.000
0016		203E20000	EMBANKMENT (WT: 04)	04	CY	11,675.000
0017		204E10000	SUBGRADE COMPACTION (WT: 04) (WT: 04)	04	SY	35,035.000
0018		204E13000	EXCAVATION OF SUBGRADE (WT: 04)	04	CY	5,589.000
0019		204E20000	EMBANKMENT (WT: 04)	04	CY	2,021.000
0020		204E30020	GRANULAR MATERIAL, TYPE C (WT: 04)	04	CY	3,568.000
0021		204E45000	PROOF ROLLING (WT: 04)	04	HOUR	18.000
0022		204E50000	GEOTEXTILE FABRIC (WT: 07)	07	SY	6,596.000
0023		606E13000	GUARDRAIL, TYPE 5 (WT: 36)	36	FT	1,650.000
0024		606E17901	GUARDRAIL POST, AS PER PLAN (WT: 36)	36	EACH	6.000
0025		606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	36	EACH	6.000
0026		606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	36	EACH	5.000
0027		606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	36	EACH	2.000
0028		606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	36	EACH	1.000
0029		606E60028	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), 35 MPH, 24" WIDTH (WT: 36)	36	EACH	1.000
0030		607E23000	FENCE, TYPE CLT (WT: 37)	37	FT	687.000
0031		607E23004	FENCE REBUILT, TYPE CLT (WT: 37)	37	FT	50.000
0032		622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	38	FT	150.000

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0033		622E23404	CONCRETE BARRIER, TYPE B1 (WT: 38)	38	FT	20.000
0034		622E23500	CONCRETE BARRIER, TYPE C (WT: 38)	38	FT	520.000
0035		622E24850	CONCRETE BARRIER END SECTION, TYPE B1 (WT: 38)	38	EACH	1.000
0036		622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	38	EACH	2.000
0037		690E98300	SPECIAL - MISC.:MOW STRIP (WT: NR)	NR	SY	2,978.000
0038		690E98400	SPECIAL - MISC.:CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	NR	LS	1.000
0039		878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	NR	LS	1.000
0040	AA1	202E98200	REMOVAL MISC.:CABLE GUARDRAIL (WT: NR)	NR	FT	7,300.000
0041	AA1	606E98000	GUARDRAIL, MISC.:TENSIONED CABLE WITH CONCRETE FOUNDATION POST (SOCKETED) (WT: 36)	36	FT	6,700.000
0042	AA1	606E98100	GUARDRAIL, MISC.:TENSIONED ANCHOR TERMINAL (WT: 36)	36	EACH	6.000
0043	AA2	202E98200	REMOVAL MISC.:CABLE GUARDRAIL (WT: NR)	NR	FT	4,440.000
0044	AA2	606E98000	GUARDRAIL, MISC.:TENSIONED CABLE WITH CONCRETE FOUNDATION POST (SOCKETED) (WT: 36)	36	FT	3,830.000
0045	AA2	606E98100	GUARDRAIL, MISC.:TENSIONED ANCHOR TERMINAL (WT: 36)	36	EACH	4.000

Section 0002 EROSION CONTROL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0046		601E21060	TIED CONCRETE BLOCK MAT, TYPE 2 (WT: 35)	35	SY	57.000
0047		601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	35	CY	19.000
0048		601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	35	CY	103.000
0049		601E32300	ROCK CHANNEL PROTECTION, TYPE D WITH FILTER (WT: 35)	35	CY	34.000
0050		601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	38	FT	245.000
0051		659E00100	SOIL ANALYSIS TEST (WT: NR) (WT: NR)	NR	EACH	2.000
0052		659E00300	TOPSOIL (WT: 46) (WT: 46) (WT: 46)	46	CY	5,847.000
0053		659E10000	SEEDING AND MULCHING (WT: 46) (WT: 46) (WT: 46)	46	SY	52,680.000
0054		659E14000	REPAIR SEEDING AND MULCHING (WT: 46) (WT: 46) (WT: 46)	46	SY	2,634.000
0055		659E15000	INTER-SEEDING (WT: 46) (WT: 46) (WT: 46)	46	SY	2,634.000
0056		659E20000	COMMERCIAL FERTILIZER (WT: 46) (WT: 46) (WT: 46)	46	TON	7.350
0057		659E31000	LIME (WT: 46) (WT: 46) (WT: 46)	46	ACRE	10.880
0058		659E35000	WATER (WT: 46) (WT: 46) (WT: 46)	46	MGAL	292.000
0059		670E00500	SLOPE EROSION PROTECTION (WT: 46)	46	SY	199.000
0060		670E00700	DITCH EROSION PROTECTION (WT: 46)	46	SY	6,165.000
0061		832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR) (WT: NR) (WT: NR)	NR	LS	1.000
0062		832E30000	EROSION CONTROL (WT: 08) (WT: 08) (WT: 08)	08	EACH	60,000.000

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0063		836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	46	SY	219.000
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Section 0003 DRAINAGE

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0064		518E51100	8" PIPE DOWNSPOUT, INCLUDING SPECIALS, 748.06 (WT: 35)	35	FT	14.000
0065		518E51200	PIPE DOWNSPOUT, INCLUDING SPECIALS, 12", 748.06 (WT: 35)	35	FT	34.000
0066		602E20000	CONCRETE MASONRY (WT: 35)	35	CY	0.600
0067		603E00400	4" CONDUIT, TYPE E (WT: 35)	35	FT	310.000
0068		603E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	35	FT	907.000
0069		603E01500	6" CONDUIT, TYPE F (WT: 35)	35	FT	100.000
0070		603E04600	12" CONDUIT, TYPE C (WT: 35)	35	FT	60.000
0071		603E05900	15" CONDUIT, TYPE B (WT: 35)	35	FT	153.000
0072		603E06100	15" CONDUIT, TYPE C (WT: 35)	35	FT	719.000
0073		603E06700	15" CONDUIT, TYPE F, 707.05 TYPE C (WT: 35)	35	FT	41.000
0074		603E07400	18" CONDUIT, TYPE B (WT: 35)	35	FT	126.000
0075		603E07600	18" CONDUIT, TYPE C (WT: 35)	35	FT	205.000
0076		603E08200	18" CONDUIT, TYPE F, 707.05 TYPE C OR 707.21 (WT: 35)	35	FT	40.000
0077		603E10400	24" CONDUIT, TYPE B (WT: 35)	35	FT	123.000
0078		603E10600	24" CONDUIT, TYPE C (WT: 35)	35	FT	11.000
0079		603E13600	30" CONDUIT, TYPE C (WT: 35)	35	FT	5.000
0080		603E16600	36" CONDUIT, TYPE C (WT: 35)	35	FT	1,035.000
0081		603E19600	42" CONDUIT, TYPE C (WT: 35)	35	FT	13.000
0082		604E01600	CATCH BASIN, NO. 5 (WT: 35)	35	EACH	4.000
0083		604E01800	CATCH BASIN, NO. 5A (WT: 35)	35	EACH	2.000
0084		604E02800	CATCH BASIN, NO. 8 (WT: 35)	35	EACH	7.000
0085		604E02906	CATCH BASIN, NO. 8A (WT: 35)	35	EACH	2.000
0086		604E20520	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C (WT: 35)	35	EACH	3.000
0087		604E31500	MANHOLE, NO. 3 (WT: 35)	35	EACH	5.000
0088		604E36600	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	35	EACH	9.000
0089		605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	35	FT	4,774.000
0090		605E11100	6" SHALLOW PIPE UNDERDRAINS, 707.31 (WT: 35)	35	FT	3,846.000
0091		605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	35	FT	50.000
0092		605E13500	6" ROCK CUT UNDERDRAINS, 707.31 (WT: 35)	35	FT	2,417.000
0093		605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	35	FT	3,001.000

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0094		605E14000	6" BASE PIPE UNDERDRAINS, 707.31 (WT: 35)	35	FT	3,395.000
0095		605E14001	6" BASE PIPE UNDERDRAINS, AS PER PLAN (WT: 35)	35	FT	61.000
0096		605E98000	UNDERDRAINS, MISC.:UNDERDRAIN REPLACEMENT (WT: 35)	35	FT	250.000
0097		690E98100	SPECIAL - MISC.:ROCK EXCAVATION FOR CONDUIT INSTALLATION (WT: NR)	NR	FT	3,017.000

Section 0004 PAVEMENT

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0098		254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (WT: 13)	13	SY	24,170.000
0099		301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	10	CY	1,122.000
0100		302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10) (WT: 10)	10	CY	10,585.000
0101		304E20000	AGGREGATE BASE (WT: 09) (WT: 09)	09	CY	8,285.000
0102		407E10000	TACK COAT (WT: 10) (WT: 10)	10	GAL	4,248.000
0103		407E14000	TACK COAT FOR INTERMEDIATE COURSE (WT: 10) (WT: 10)	10	GAL	1,866.000
0104		442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446) (WT: 10)	10	CY	1,876.000
0105		442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446) (WT: 10)	10	CY	1,701.000
0106		442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448) (WT: 10) (WT: 10)	10	CY	471.000
0107		442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448) (WT: 10)	10	CY	518.000
0108		448E46050	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22 (WT: 10) (WT: 10)	10	CY	151.000
0109		609E24510	CURB, TYPE 4-C (WT: 38)	38	FT	220.000
0110		609E50000	4" CONCRETE TRAFFIC ISLAND (WT: 38)	38	SY	109.000
0111		618E40600	RUMBLE STRIPS, (ASPHALT CONCRETE) (WT: NR)	NR	MILE	3.790

Section 0005 WATER WORK

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0112		638E01301	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS, AS PER PLAN (WT: 35)	35	FT	817.000
0113		638E06701	16" STEEL PIPE ENCASMENT, OPEN CUT, AS PER PLAN (WT: 35)	35	FT	110.000
0114		638E07901	8" GATE VALVE AND VALVE BOX, AS PER PLAN (WT: 35)	35	EACH	1.000
0115		638E98000	WATER WORK, MISC.:1" FLUSHOUT (WT: 35)	35	EACH	1.000
0116		638E98000	WATER WORK, MISC.:CUT AND PLUG 8" WATER LINE (WT: 35)	35	EACH	1.000

Section 0006 LIGHTING

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0117		625E00450	CONNECTION, FUSED PULL APART (WT: 43)	43	EACH	100.000

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0118		625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	43	EACH	48.000
0119		625E10490	LIGHT POLE, CONVENTIONAL: AT10B41.7 (WT: 43)	43	EACH	12.000
0120		625E10490	LIGHT POLE, CONVENTIONAL: AT20B41.7 (WT: 43)	43	EACH	1.000
0121		625E14150	LIGHT POLE FOUNDATION, 24" X 9' DEEP (WT: 43)	43	EACH	13.000
0122		625E14151	LIGHT POLE FOUNDATION, 24" X 9' DEEP, AS PER PLAN (WT: 43)	43	EACH	29.000
0123		625E23200	NO. 4 AWG 5000 VOLT DISTRIBUTION CABLE (WT: 43)	43	FT	1,032.000
0124		625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	43	FT	4,670.000
0125		625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 5000 VOLT CABLES (WT: 43)	43	FT	8,818.000
0126		625E25500	CONDUIT, 3", 725.04 (WT: 43)	43	FT	82.000
0127		625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	43	FT	152.000
0128		625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	43	FT	109.000
0129		625E26251	LUMINAIRE, CONVENTIONAL, AS PER PLAN: 480 V, 250 HPS, IES TYPE II DISTRIBUTION (WT: 43)	43	EACH	11.000
0130		625E26251	LUMINAIRE, CONVENTIONAL, AS PER PLAN: 480 V, 400 HPS, IES TYPE III DISTRIBUTION (WT: 43)	43	EACH	1.000
0131		625E27501	LUMINAIRE, UNDERPASS, AS PER PLAN: 480 V, 150 HPS, IES IV (WT: 43)	43	EACH	2.000
0132		625E29000	TRENCH (WT: 43)	43	FT	8,330.000
0133		625E30706	PULL BOX, 725.08, 24" (WT: 43)	43	EACH	8.000
0134		625E31510	PULL BOX REMOVED (WT: 43)	43	EACH	3.000
0135		625E32000	GROUND ROD (WT: 43)	43	EACH	45.000
0136		625E35001	REERECT EXISTING LIGHT POLE, AS PER PLAN (WT: 43)	43	EACH	29.000
0137		625E35100	REERECT EXISTING LUMINAIRE (WT: 43)	43	EACH	29.000
0138		625E36000	PLASTIC CAUTION TAPE (WT: 43)	43	FT	8,222.000
0139		625E37000	SERVICE TO UNDERPASS LIGHTING (WT: 43)	43	LS	1.000
0140		625E39520	PULL BOX CLEANED (WT: 43)	43	EACH	7.000
0141		625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	43	LS	1.000
0142		625E40010	SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT (WT: 43)	43	EACH	1.000
0143		625E75410	LIGHT POLE REMOVED FOR REUSE (WT: NR)	NR	EACH	28.000
0144		625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	NR	EACH	28.000
0145		625E75508	LUMINAIRE REMOVED FOR REUSE (WT: NR)	NR	EACH	28.000
0146		625E75801	DISCONNECT CIRCUIT, AS PER PLAN (WT: NR)	NR	EACH	16.000

Section 0007 TRAFFIC CONTROL

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0147		620E31200	REMOVAL OF DELINEATOR (WT: NR)	NR	EACH	21.000

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0148	621E00100	RPM (WT: 41)	41	EACH	471.000
0149	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	NR	EACH	444.000
0150	626E00100	BARRIER REFLECTOR (WT: NR)	NR	EACH	83.000
0151	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	42	FT	405.000
0152	630E06400	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 (WT: 42)	42	FT	34.700
0153	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	42	FT	34.200
0154	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	42	FT	56.500
0155	630E08600	SIGN POST REFLECTOR (WT: 42)	42	EACH	12.000
0156	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	42	EACH	4.000
0157	630E20600	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 6 (WT: 42)	42	EACH	1.000
0158	630E45500	OVERHEAD SIGN SUPPORT, TYPE TC-7.65, DESIGN 8 (WT: 42)	42	EACH	1.000
0159	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	42	EACH	11.000
0160	630E80100	SIGN, FLAT SHEET (WT: 42)	42	SF	265.500
0161	630E80101	SIGN, FLAT SHEET, AS PER PLAN (WT: 42)	42	SF	12.000
0162	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	42	SF	78.000
0163	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	42	SF	789.000
0164	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	42	EACH	3.000
0165	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	42	EACH	4.000
0166	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	42	EACH	3.000
0167	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	32.000
0168	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	42	EACH	8.000
0169	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	29.000
0170	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	NR	EACH	6.000
0171	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	NR	EACH	9.000
0172	630E89706	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30 (WT: NR)	NR	EACH	1.000
0173	630E89802	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65 (WT: NR)	NR	EACH	1.000
0174	644E00100	EDGE LINE (WT: 45) (WT: 45)	45	MILE	6.840
0175	644E00200	LANE LINE (WT: 45) (WT: 45)	45	MILE	5.110
0176	644E00300	CENTER LINE (WT: 45) (WT: 45)	45	MILE	0.470
0177	644E00400	CHANNELIZING LINE (WT: 45) (WT: 45)	45	FT	8,628.000
0178	644E00500	STOP LINE (WT: 45) (WT: 45)	45	FT	396.000
0179	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45) (WT: 45)	45	FT	1,576.000
0180	644E01300	LANE ARROW (WT: 45) (WT: 45)	45	EACH	51.000

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0181		644E01400	WORD ON PAVEMENT, 72" (WT: 45)	45	EACH	1.000
0182		644E01510	DOTTED LINE, 6" (WT: 45) (WT: 45)	45	FT	167.000
0183		644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45) (WT: 45)	45	FT	37,619.000
0184		644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45) (WT: 45)	45	EACH	33.000
0185		646E10000	EDGE LINE (WT: 45) (WT: 45)	45	MILE	0.090
0186		646E10100	LANE LINE (WT: 45) (WT: 45)	45	MILE	0.170
0187		646E10200	CENTER LINE (WT: 45) (WT: 45)	45	MILE	0.060

Section 0008 TRAFFIC SIGNALS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0188		625E25400	CONDUIT, 2", 725.04 (WT: 43)	43	FT	836.000
0189		625E25500	CONDUIT, 3", 725.04 (WT: 43)	43	FT	442.000
0190		625E29002	TRENCH, 24" DEEP (WT: 43)	43	FT	1,095.000
0191		625E30700	PULL BOX, 725.08, 18" (WT: 43)	43	EACH	6.000
0192		625E30706	PULL BOX, 725.08, 24" (WT: 43)	43	EACH	1.000
0193		625E31510	PULL BOX REMOVED (WT: 43)	43	EACH	2.000
0194		625E32000	GROUND ROD (WT: 43)	43	EACH	4.000
0195		625E39520	PULL BOX CLEANED (WT: 43)	43	EACH	1.000
0196		625E75510	POWER SERVICE REMOVED (WT: NR)	NR	EACH	1.000
0197		632E05007	VEHICULAR SIGNAL HEAD, (LED), BLACK, 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, WITH BACKPLATE, AS PER PLAN (WT: 44)	44	EACH	9.000
0198		632E05087	VEHICULAR SIGNAL HEAD, (LED), BLACK, 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, WITH BACKPLATE, AS PER PLAN (WT: 44)	44	EACH	2.000
0199		632E20731	PEDESTRIAN SIGNAL HEAD (LED) , (COUNTDOWN), TYPE D2, AS PER PLAN (WT: 44)	44	EACH	4.000
0200		632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	44	EACH	11.000
0201		632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	44	EACH	19.000
0202		632E27004	LOOP DETECTOR UNIT (WT: 44)	44	EACH	20.000
0203		632E30400	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES (WT: 44)	44	FT	465.000
0204		632E30500	MESSENGER WIRE, MISC.:UNLASH AND RELASH MESSENGER WIRE (WT: 44)	44	FT	735.000
0205		632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	44	FT	465.000
0206		632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	44	FT	1,557.000
0207		632E64000	STRAIN POLE FOUNDATION (WT: 44)	44	EACH	3.000
0208		632E64001	STRAIN POLE FOUNDATION, AS PER PLAN (WT: 44)	44	EACH	1.000
0209		632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	44	FT	8,404.000
0210		632E83400	STRAIN POLE, TYPE TC-81.10, DESIGN 14 (WT: 44)	44	EACH	2.000

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0211		632E83401	STRAIN POLE, TYPE TC-81.10, DESIGN 14, AS PER PLAN (WT: 44)	44	EACH	1.000
0212		632E85304	COMBINATION STRAIN POLE, TYPE TC-81.10 AND SIGN SUPPORT, TYPE TC-9.10 (WT: 44)	44	EACH	1.000
0213		632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: LOOP DETECTOR UNIT (WT: 44)	44	EACH	3.000
0214		632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: PEDESTRIAN SIGNAL HEAD (WT: 44)	44	EACH	4.000
0215		632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: VEHICULAR SIGNAL HEAD (WT: 44)	44	EACH	3.000
0216		632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	44	EACH	1.000
0217		632E90400	SIGNALIZATION, MISC.:ADJUST VEHICULAR SIGNAL HEAD (WT: 44)	44	EACH	3.000
0218		632E90400	SIGNALIZATION, MISC.:TETHER WIRE ADJUSTMENT (WT: 44)	44	EACH	7.000
0219		633E01691	CONTROLLER UNIT, TYPE 2070L, AS PER PLAN (WT: 44)	44	EACH	1.000
0220		633E67320	PREEMPTION DETECTOR CABLE (WT: 44)	44	FT	302.000
0221		633E99000	CONTROLLER ITEM, MISC.:REUSE OF CABINET AND CONTROLLER (WT: 44)	44	EACH	2.000
0222		633E99000	CONTROLLER ITEM, MISC.:REUSE OF PREEMPTION (WT: 44)	44	EACH	2.000

Section 0009 MAINTENANCE OF TRAFFIC

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0223		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	39	HOUR	250.000
0224		614E11620	LINEAR DELINEATION (WT: 39) (WT: 39)	39	FT	18,510.000
0225		614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 36) (WT: 36) (WT: 36)	36	EACH	18.000
0226		614E12410	SPEED ZONE AHEAD SYMBOL SIGN (WT: 39)	39	EACH	2.000
0227		614E12420	DETOUR SIGNING (WT: 39)	39	LS	1.000
0228		614E12470	WORK ZONE SPEED LIMIT SIGN (WT: 39)	39	EACH	11.000
0229		614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	39	EACH	9.000
0230		614E12600	REPLACEMENT DRUM (WT: 39) (WT: 39) (WT: 39)	39	EACH	200.000
0231		614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39) (WT: 39)	39	EACH	1,680.000
0232		614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	39	EACH	471.000
0233		614E13100	BARRIER REFLECTOR (WT: NR)	NR	EACH	10.000
0234		614E13200	BARRIER REFLECTOR, TYPE A (WT: NR)	NR	EACH	28.000
0235		614E13300	BARRIER REFLECTOR, TYPE B (WT: NR) (WT: NR) (WT: NR)	NR	EACH	82.000
0236		614E13350	OBJECT MARKER, ONE WAY (WT: NR) (WT: NR) (WT: NR)	NR	EACH	408.000
0237		614E13360	OBJECT MARKER, TWO WAY (WT: NR)	NR	EACH	95.000
0238		614E18030	MAINTAINING TRAFFIC, MISC.:RUMBLE STRIP MILLED/FILLED (WT: 39)	39	FT	8,500.000

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0239	614E18401	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	39	DAY	60.000
0240	614E20000	WORK ZONE LANE LINE, CLASS I (WT: 39) (WT: 39) (WT: 39)	39	MILE	5.680
0241	614E20200	WORK ZONE LANE LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	MILE	0.410
0242	614E20550	WORK ZONE LANE LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	MILE	5.280
0243	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39) (WT: 39) (WT: 39)	39	MILE	1.180
0244	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	MILE	0.190
0245	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	MILE	0.530
0246	614E22000	WORK ZONE EDGE LINE, CLASS I (WT: 39) (WT: 39) (WT: 39)	39	MILE	11.440
0247	614E22200	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	MILE	8.570
0248	614E22350	WORK ZONE EDGE LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	MILE	6.930
0249	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I (WT: 39) (WT: 39) (WT: 39)	39	FT	25,148.000
0250	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	FT	32,115.000
0251	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	FT	8,628.000
0252	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39) (WT: 39) (WT: 39)	39	FT	4,672.000
0253	614E24400	WORK ZONE DOTTED LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	FT	2,293.000
0254	614E24610	WORK ZONE DOTTED LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	FT	167.000
0255	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	39	FT	1,576.000
0256	614E25400	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	FT	209.000
0257	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	FT	1,576.000
0258	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39) (WT: 39) (WT: 39)	39	FT	656.000
0259	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	FT	116.000
0260	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	FT	396.000
0261	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	39	EACH	51.000
0262	614E30400	WORK ZONE ARROW, CLASS I, 740.06, TYPE I (WT: 39) (WT: 39) (WT: 39)	39	EACH	15.000
0263	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39) (WT: 39) (WT: 39)	39	EACH	51.000
0264	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	06	LS	1.000
0265	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10) (WT: 10)	10	SY	1,691.000
0266	616E10000	WATER (WT: NR) (WT: NR) (WT: NR)	NR	MGAL	378.000
0267	617E10100	COMPACTED AGGREGATE (WT: 06)	06	CY	73.000
0268	617E20000	SHOULDER PREPARATION (WT: 06)	06	SY	1,315.000
0269	617E25000	WATER (WT: NR)	NR	MGAL	3.000

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0270		622E40020	PORTABLE CONCRETE BARRIER, 32" (WT: 39) (WT: 39) (WT: 39)	39	FT	23,990.000
0271		622E40100	PORTABLE CONCRETE BARRIER, "Y" CONNECTOR (WT: 39)	39	EACH	4.000

Section 0010 RETAINING WALL ALONG RAMP F

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0272		503E21330	UNCLASSIFIED EXCAVATION INCLUDING ROCK AND/OR SHALE (WT: 20)	20	LS	1.000
0273		509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	23	LB	16,126.000
0274		511E46000	CLASS C CONCRETE, RETAINING WALL (WT: 20)	20	CY	84.000
0275		511E46500	CLASS C CONCRETE, FOOTING (WT: 20)	20	CY	153.000
0276		512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	57	SY	210.000
0277		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	7.000
0278		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: 20)	20	SF	26.000
0279		518E21200	POROUS BACKFILL WITH FILTER FABRIC (WT: 20)	20	CY	55.000

Section 0011 STRUCTURE REPAIR BRIDGE NO. CLE-28-0225

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0280		202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	19	LS	1.000
0281		202E22900	APPROACH SLAB REMOVED (WT: NR)	NR	SY	212.000
0282		202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	NR	SY	266.000
0283		503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	29	LS	1.000
0284		503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	29	LS	1.000
0285		507E98000	PILING, MISC.:8" MICROPILES, AS PER PLAN (WT: 53)	53	FT	430.000
0286		507E98020	PILING, MISC.:MICROPILE LOAD TEST (WT: 53)	53	LS	1.000
0287		509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	23	LB	16,531.000
0288		509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	23	LB	360.000
0289		510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	29	EACH	1.000
0290		511E34400	CLASS S CONCRETE, SUPERSTRUCTURE (WT: 29)	29	CY	32.000
0291		511E45700	CLASS C CONCRETE, ABUTMENT (WT: 29)	29	CY	93.000
0292		512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	57	SY	708.000
0293		512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 29)	29	SY	60.000
0294		512E33000	TYPE 2 WATERPROOFING (WT: 40)	40	SY	52.000
0295		512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	NR	SY	540.000

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0296		513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 24)	24	LB	6,200.000
0297		513E21000	TRIMMING OF BEAM END (WT: 24)	24	EACH	9.000
0298		514E00101	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN (WT: 26)	26	LS	1.000
0299		514E00201	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN (WT: 26)	26	LS	1.000
0300		514E00301	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT, AS PER PLAN (WT: 26)	26	LS	1.000
0301		514E00401	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	26	LS	1.000
0302		516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	27	FT	246.000
0303		516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: 29)	29	SF	20.000
0304		516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	29	EACH	9.000
0305		516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	29	LS	1.000
0306		518E21200	POROUS BACKFILL WITH FILTER FABRIC (WT: 29)	29	CY	100.000
0307		518E62100	STRUCTURE DRAINAGE, MISC.:REPLACEMENT, AS PER PLAN (WT: 29)	29	FT	100.000
0308		518E63300	STRUCTURE DRAINAGE, MISC.:CLEANING BRIDGE DRAINAGE SYSTEM (WT: NR)	NR	LS	1.000
0309		526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 20)	20	SY	256.000
0310		530E00200	SPECIAL - STRUCTURE, MISC.:POWER WASHING STRUCTURE (WT: NR)	NR	LS	1.000
0311		607E98000	FENCE, MISC.:VANDAL PROTECTION FENCE REMOVED AND REBUILT, AS PER PLAN (WT: 37)	37	FT	40.000

Section 0012 INCIDENTALS

Line	Alt	Item Code	Item Description	WT	Unit	Quantity
0312		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR) (WT: NR) (WT: NR)	NR	LS	1.000
0313		108E10000	SPECIAL - CPM PROGRESS SCHEDULE (WT: NR) (WT: NR) (WT: NR)	NR	LS	1.000
0314		614E11000	MAINTAINING TRAFFIC (WT: 39) (WT: 39) (WT: 39)	39	LS	1.000
0315		619E16020	FIELD OFFICE, TYPE C (WT: NR) (WT: NR) (WT: NR)	NR	MNTH	8.000
0316		623E10000	CONSTRUCTION LAYOUT STAKES (WT: NR) (WT: NR) (WT: NR)	NR	LS	1.000
0317		624E10000	MOBILIZATION (WT: NR) (WT: NR) (WT: NR)	NR	LS	1.000