



City of Cleveland  
Justin M. Bibb, Mayor

Department of Finance  
Division of Purchases & Supplies  
601 Lakeside Avenue, Room 128  
Cleveland, Ohio 44114-1080  
216/664-2620 • Fax: 216/664-2177  
www.cleveland-oh.gov

May 22, 2026

**ADDENDUM 1**

**BID TITLE: File No.48-26 2026 City Wards of Cleveland Public Improvements by Requirements Bridge Construction Contract**

**BID DUE: Friday, May 29, 2026 at 12 o'clock noon (Eastern Time)**

**Attention Bidders:**

We have been requested to issue the addendum for the following:

Please ensure that a copy of this addendum is included and returned with the bid specifications furnished to you by this office, as it will have the same force and effect as if it were part of the specifications originally issued.

1. Remove and replace "Part A – Instructions to Bidders" and replace with the attached Part A – Instructions to Bidders moving the bid opening date to May 29, 2026.
2. Remove and replace "Detailed Supplemental Specifications" and replace with the attached Detailed Supplemental Specifications.

If you have any questions regarding the attached, please contact Steven Decker at [sdecker@clevelandohio.gov](mailto:sdecker@clevelandohio.gov). Thank you for your prompt attention and assistance in this matter. Also, please ensure that copy of this addendum is included and returned with the bid specifications furnished to you by this office, as it will have the same force and effect as if it were part of the specifications originally issued.

\_\_\_\_\_  
Signature of Potential Bidder & Name of Company

\_\_\_\_\_  
Today's Date

A handwritten signature in black ink, appearing to read "Donia Patterson".

Thank you,  
Donia Patterson, Assistant Administrator  
Purchases & Supplies  
CC:

City of Cleveland  
Mayor's Office of Capital Projects  
Division of Engineering and Construction

**2026 City Wards of Cleveland Public Improvement by Requirements  
Bridge Construction Contract (File No. 48-26)**

**ADDENDUM #1**

May 21, 2026

The Addendum is required to provide clarity due to contractor questions

Addendum No. 1 addresses the following items attached

1. Remove and replace "Part A – Instructions to Bidders" and replace with the attached Part A – Instructions to Bidders moving the bid opening date to May 29, 2026.
2. Remove and replace "Detailed Supplemental Specifications" and replace with the attached Detailed Supplemental Specifications.

**CLARIFICATIONS**

In response to the Contractor questions regarding construction plans and specifications, the following clarifications are given:

**Question #1:**

We have noticed the Part A Instructions to Bidders has been incorrectly inserted for the three Requirements contracts.

**Answer #1:**

Please find the replacement Part A Instructions to Bidders for the three Requirements Contracts.

**Question #2:**

The DS Specification Index & Specifications appear to be mislabeled for the three contracts. Can you check and confirm that the correct DS Supplemental Specs are included the three contracts?

**Answer #2:**

Please find the replacement and correct DS Supplemental Specs for all three contracts.

THE BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM #1 BY SIGNING BELOW AND ATTACHING THIS PAGE TO THE BID

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

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**NOTE:** All of this bound information must be kept intact and, together with any addenda issued, must be returned with the bid, otherwise the bid may be considered informal.

**THERE IS NO CHARGE FOR THE PLANS AND SPECIFICATIONS THAT ARE AVAILABLE AT CITY OF CLEVELAND, DIVISION OF PURCHASING AND SUPPLIES; 601 LAKESIDE AVENUE, ROOM 128; CLEVELAND, OH 44114**

**CITY OF CLEVELAND, OHIO**

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STANDARD FORM OF  
INVITATION TO BID, GENERAL CONDITIONS, SPECIFICATIONS  
AND BID FOR A PUBLIC IMPROVEMENT

Department of Mayor's Office of Capital Projects

PART A - INSTRUCTIONS TO BIDDERS-ADDENDUM 1

**A-1 ADVERTISEMENT.**

In accordance with Ordinance No. 309-2026, passed by the Council of the City of Cleveland, April 13, 2026 and signed, April 20, 2026 an advertisement for proposals for 2026 City Wards of Cleveland Public Improvement by Requirements Bridge Construction Contract for the Department of Mayor's Office of Capital Projects of the City of Cleveland, appears in the City Record under dates of May 8 and May 13, 2026.

**A-2 BIDS.**

Sealed bids endorsed 2026 City Wards of Cleveland Public Improvement by Requirements Bridge Construction Contract will be received at the office of the Commissioner of Purchases and Supplies, Room 128, City Hall, Cleveland, Ohio 44114, until 12:00 o'clock noon, official time, Friday, May 29, 2026 and thereafter will be publicly opened and read in City of Cleveland; Division of Purchases & Supplies; 601 Lakeside Avenue, Room 128; Cleveland, OH 44114.

**A-3. FORM OF BID.**

Every bid must be made upon the blank form of bid attached hereto; must give the price of each and every item of the work bid on, in figures, and must contain the full name of every person, firm or corporation interested in the bid, and the address of the person, firm or the president and secretary of the corporation bidding; and if a corporation, the bid must give the name of the State in which it is incorporated.

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**A-4. NAME OF BIDDER.**

Each bid must be clearly signed with the full name and address of each person, firm or corporation interested in it. In case of a partnership, the firm name and address and name and address of each individual party must be given.

**A-5. SIGNATURE OF BIDDER.**

The firm, corporation or individual name of the bidder must be signed by the bidder in the space provided for the signature on the bid blank. In case of a corporation, the title of the officer signing must be stated, and each officer must be thereunto duly authorized. In the case of a partnership, the signature of at least one of the partners must follow the firm name, using the term "member of firm". In case of an individual, use the term "doing business as" or "sole owner".

**A-6. BIDDER'S AFFIDAVITS.**

Each bidder is required to submit with his bid an affidavit stating that neither he nor his agents, nor any other party for him has paid or agreed to pay, directly or indirectly, any person, firm or corporation any money or valuable consideration for assistance in procuring or attempting to procure the contract herein referred to, and further agreeing that no such money or reward will be hereafter paid. This affidavit must be on a form provided by the City, which may be obtained from the Commissioner of Purchase and Supplies.

**A-7. BID BOND, CERTIFIED OR CASHIER'S CHECK.**

Each bid shall be accompanied by a bid bond signed by a surety company authorized to do business in Ohio, or by a cashier's check or certified check on a solvent bank, which bond or check shall be in the sum of 5% of the amount of the bid. Said bond or check shall be given as security that if the bid is accepted, a contract will be entered into and the performance of it properly secured.

**A-8. DISPOSITION OF BID BOND, CERTIFIED OR CASHIER'S CHECK.**

A. The bid bond, certified or cashier's check shall be forfeited and the principal amount of said bid bond shall be paid to the City, or said check shall be surrendered to the City as the agreed amount of liquidated damages in case of failure to enter into contract as above described. The bid bond or check will be released or returned to the bidder in case his bid is rejected.

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B. In case his bid is accepted, the bid bond or certified or cashier's check will be returned after the contract has been signed and the performance bond herein required has been furnished and approved by the City. The bid bond or certified or cashier's check of the next lowest responsible bidder will be retained until the lowest responsible bidder has signed and secured the performance of his contract, or if he fails so to do, said bid bond or check shall be further retained until the second lowest responsible bidder shall have signed and properly secured the contract awarded to him; and in default thereof the bid bond or certified or cashier's check shall be forfeited to the City as liquidated damages.

**A-9. EXPLANATIONS, WRITTEN AND ORAL.**

Should a bidder find any discrepancy in or omission from the drawings or specifications, or should he be in doubt as to their meaning, he shall at once notify the Commissioner of Purchases and Supplies, who will send written instructions to all bidders. The City will not be responsible for any oral instructions.

**A-10. UNACCEPTABLE BIDS.**

No bid will be accepted from, or contract awarded to, any person, firm or corporation that is in arrears or is in default to the City of Cleveland upon any debt or contract, or that is a defaulter as surety or otherwise, upon obligation to said City, or has failed to perform faithfully any previous contract with the City.

**A-11. EVIDENCE OF ABILITY TO DO WORK.**

Bidders must present evidence to the Director, when required to do so, that they are fully competent and have the necessary facilities and pecuniary resources to deliver the material and complete the work to be performed hereunder in a satisfactory manner and within the time specified.

**A-12. APPROXIMATE QUANTITIES.**

Where bids are based on estimated quantities it is understood that the estimates are prepared by the city officials for the purpose of comparison of bids, and that the estimated quantities are not guaranteed but are approximate only, and the City reserves the right to increase or diminish the same, or to omit any one or more items, at the unit price bid, as the Director may deem desirable.

**A-13. EXAMINATION OF SITE WORK.**

A. Bidders shall satisfy themselves as to the existing conditions of the premises where the work is to be done and of the nature of the ground at the site of the proposed work, and pay particular attention to any soil condition that may affect the progress or performance of the work. The City makes no guarantee, either

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express or implied, as to ground conditions.

- B. Subject to the convenience of the City, prospective bidders may be permitted to explore the site by making borings or digging test pits. In such event, the work shall be done at the sole expense and risk of the bidder, and he shall maintain and restore the site to a condition of safety.

**A-14. MATERIALS, SAMPLES, ETC.**

- A. Before any contract is awarded, the bidder may be required to furnish a complete certified statement of the origin, composition and manufacture of any or all materials to be used in the work, together with samples, which required samples may be subjected to the tests provided for in these specifications to determine their quality and fitness for work.
- B. For samples of materials that may be required to be furnished by bidders prior to the opening of bids, see "Detail Specifications".

**A-15. CONSIDERATION OF BIDS.**

All bids received in conformity with these contract documents shall, as soon as practicable, be tabulated and shall become a public record.

**A-16. REJECTION OR ACCEPTANCE OF BIDS.**

The City, through the Board of Control, reserves the right to reject any or all bids, and any part or parts of any bid and also the right to waive any informalities in the bid. In awarding a contract, the City reserves the right to consider all elements entering into the question of determining the responsibility of the bidder. Any bid which is incomplete, conditional, obscure, or which contains additions not called for, or irregularities of any kind, may be cause for rejection of bid.

**A-17. WITHDRAWAL OF BID.**

No bid will be allowed to be withdrawn after it has been deposited with the Commissioner of Purchases and Supplies.

**A-18. TIME OF AWARD.**

Unless further time is required for analysis of the bids or investigation of the responsibility of any bidder and in the absence of a limitation upon the time of acceptance set forth in the bid, the Board of Control of the City of Cleveland will ordinarily make an award or reject all bids received hereunder not later than the second regular meeting of said Board following the opening of bids. Any extension of time beyond the date fixed by the successful bidder or the fourth regular meeting

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of the Board of Control, whichever event shall first occur, shall be subject to agreement between said bidder and the Board of Control.

**A-19. SURETY BOND.**

The Contractor shall furnish an indemnity bond to the City of Cleveland in the full amount of the contract price, as a guarantee of good faith on behalf of the Contractor that the terms of these contract documents shall be complied with in every particular. Said bond shall be subject to the approval of the Department of Law of the City of Cleveland, Ohio.

**A-20. RELEASE OF BOND.**

The Contractor's bond will not be released until all of the provisions of the contract have been fulfilled.

**A-21. BID DISCOUNTS - APPLICABLE TO BIDS FOR GOODS AND SERVICES PURCHASE CONTRACTS AND PUBLIC IMPROVEMENT CONTRACTS IN EXCESS OF FIFTY THOUSAND DOLLARS (\$50,000).**

A. Bid Discounts under Sections 187.03 and 187.05: If the bid of any prime contractor that is a CSB, MBE, FBE or a CSB, MBE or FBE joint venture is no more than five percent (5%) higher than the lowest actual bid for a contract that is not from a CSB, MBE, FBE or a CSB, MBE or FBE joint venture, the contracting department shall apply a Bid Discount of five percent (5%) to the CSB, MBE, FBE or CSB, MBE or FBE joint venture bid for the purpose of establishing a Comparison Bid. The City of Cleveland shall use the following ranking in determining who receives the preference:

1. Where the disparity study has determined that a disparity exists, the bid discount shall go to the bidders who are certified by the City as members of the specific MBE/FBE group for which the proven disparity exists. No other bidders shall receive any preference under Sections 187.03 and 187.05 at the prime contractor level.
2. Where no disparity has been proven, or when no bids are received from groups for which a proven disparity exists, the bid discount shall go to certified CSB bidders certified by the City as located within the city limits of Cleveland. No other bidders shall receive any preference under Sections 187.03 and 187.05 at the prime contractor level.
3. Where no disparity has been proven, or when no bids are received from groups for which a proven disparity exists, and no bids were received from certified CSB firms certified by the City as located within the city limits of Cleveland, the bid discount shall go to Certified CSB bidders certified by the

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City as located within Cuyahoga County. No other bidders shall receive any preference under Sections 187.03 and 187.05 at the prime contractor level.

4. In addition to any bid discounts at the prime contractor level, all prime contractors shall receive a bid discount of 5% of the total dollar amount of all CSB, MBE and/or FBE certified by the City that the prime contractor properly documents as subcontractors in their bid, for the purpose of establishing a Comparison Bid.
  5. The total Bid Discount awarded to any bidder on a bid pursuant to Sections 187.03 and 187.05 shall not exceed \$50,000.00.
- B. Bid Discounts under Section 187A.02(a): Application of Bid Discount - A Contracting Department shall apply a Bid Discount of two percent (2%) to a bid received from a Local Producer (LPE); two percent (2%) to a bid received from a Local Food-Producer (LPE); and two percent (2%) to a bid received from a Local Sustainable Business (SUBE); provided that the maximum total Bid Discount applied under Section 187A.02 (a) shall not exceed four percent (4%). Bid Discounts applied under Section 187A.02 (a) shall be in addition to any Bid Discount applied under Sections 187.03 and 187.05. The maximum amount of any Bid Discounts applied under this Section 187A.02 (a) shall not exceed \$50,000.
- C. Maximum Cumulative Amount of All Bid Discounts: The maximum cumulative amount of all Bid Discounts that may be applied to the bid under Sections 187.03, 187.05, and 187A.02 shall not exceed \$75,000.00, or nine percent (9%), whichever is lower.
- D. Comparison Bid to Determine Lowest and Best Bidder: The City shall determine the Comparison Bid by totaling all applicable Bid Discounts under Sections 187.03, 187.05, and 187A.02. The City shall use the Comparison Bid in determining the lowest and best or lowest responsible bidder for the purpose of awarding the contract. If more than one CSB, MBE, FBE, LPE, SUBE or CSB, MBE, FBE LPE, SUBE joint venture prime contractor in the respective category submits a bid that is no more than five percent (5%) higher than the lowest actual bid that is not from a CSB, MBE, FBE, LPE, SUBE or from a CSB, MBE, FBE, LPE, SUBE joint venture, the contracting department shall recommend the CSB, MBE, FBE, LPE, SUBE, or CSB, MBE, FBE,LPE, SUBE joint venture submitting the lowest bid, after the inclusion of all applicable prime and subcontractor discounts, as the lowest and best or lowest responsible bidder.

The City shall use the Comparison Bid amount determined by applying the bid discounts described in Articles A-21A. and A-21B. above for evaluation purposes only; the City shall use the actual bid amount for the purposes of bid approval and contract award.

- E. City of Cleveland Certification required: For the purpose of determining a bidder's eligibility for bid discounts, the City shall only consider bidders with valid certificates issued by the City of Cleveland's Office of Equal Opportunity. The certifications must be active on the date and time of the deadline for bid

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submission. Expired certification holders and pending certifications cannot be considered for calculation of bid discounts. Certifications from other public or private entities cannot be considered.

**A-22. GOOD FAITH PARTICIPATION - APPLICABLE TO BIDS FOR GOODS AND SERVICES PURCHASE CONTRACTS AND PUBLIC IMPROVEMENT CONTRACTS IN EXCESS OF FIFTY THOUSAND DOLLARS (\$50,000).**

Bidders are required to actively participate and demonstrate good faith in attempting to meet all OEO goals for this procurement. A good faith effort to meet certified CSB, MBE, and/or FBE subcontractor participation goals as established in this contract is of the essence of the contract.

Good faith participation shall include:

1. Active cooperation in making and documenting a serious effort to gain and maintain participation from certified businesses at or above the specific goals set for this procurement;
2. Achieving or exceeding the CSB/MBE/FBE goals set for this particular procurement and/or documenting the practical steps taken by the bidder in attempting to comply;
3. Active attendance and participation in all pre bid meetings, Notice to Proceed meetings, and progress meetings during the contract;
4. Active compliance and cooperation with Project Monitors from OEO and/or the Department; and,
5. Timely and accurate submittals of all required forms, including, but not limited to, electronic monitoring forms, employment reports and certified payrolls if applicable.

The final determination of good faith effort shall be made by the Office of Equal Opportunity based upon each bidder's actions as documented in the required forms and as verified by OEO follow up.

**A-23 CLEVELAND AREA BUSINESS CODE NOTICE TO BIDDERS & SCHEDULES - APPLICABLE TO BIDS FOR GOODS AND SERVICES PURCHASE CONTRACTS AND PUBLIC IMPROVEMENT CONTRACTS IN EXCESS OF FIFTY THOUSAND DOLLARS (\$50,000).**

Sections 187 and 187A of the Codified Ordinances of the City of Cleveland Ohio, the Cleveland Area Business Code, in its entirety, whether reproduced in whole or in part within these documents, as well as the Cleveland Area Business Code Notice

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to Bidders & Schedules included in this bid document, shall become part of any contract awarded pursuant to this Invitation to Bid. Compliance with Section 187 and 187A is of the essence of the contract.

**A-24 SUBCONTRACTING.**

- A. Any and all proposed subcontractors, whether City certified or not, must be divulged and listed in the sealed bid. Include all proposed subcontractors on OEO Schedule 2. A Schedule 3 is also required for each proposed subcontractor that is CSB, MBE, FBE, LPE, or SUBE certified. However, a Schedule 3 is not required for proposed subcontractors who are not City-certified as a CSB, MBE, FBE, LPE, or SUBE.
- B. If OEO Schedule 2 is not included in the bid documents, you must submit a proposed subcontractor list on a separate, signed sheet of paper, listing the name, address, type of work or materials, and total subcontractor amount for each and every subcontractor that you propose to use on the contract.
- C. All proposed subcontractors listed in your bid must receive written Board of Control approval in advance. The subcontractors you propose in your sealed bid will be considered the subcontractors that you will use in the contract if awarded to you. See Article B-11 regarding the City's Sub-contractor Addition and Substitution Policy and Procedure. The City also reserves the right to approve an award but not approve a proposed subcontractor.
- D. The City maintains a list of Vendors Ineligible to Contract or Subcontract with the City at the City of Cleveland website: <http://www.city.cleveland.oh.us>. It is each bidder's responsibility to propose only eligible contractors. The City cannot approve a subcontractor whose name appears in this listing.

**A-25 ISSUE 1- FUNDED PROJECT.**

The City may process a public improvement project contract award concurrently with a grant award pertaining to the project but will not complete execution of the contract until funds for the contract are fully encumbered. Issue 1 grants are usually fully executed by 3<sup>rd</sup> week in July of each calendar year.

**A-26 UNBALANCED BID.**

The City may reject a bid as nonresponsive if the prices bid are materially unbalanced between line items or subline items. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the City even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advance payment.

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**A-27 PUBLIC IMPROVEMENT PROJECTS OVER \$500K**

The successful bidder, and all of the bidder's contractors and subcontractors, shall comply with and adhere to the project labor agreement (PLA) for this project, which is attached as Exhibit B to these documents. As part of the bid submission, the bidder shall attach an executed copy of Exhibit C of the PLA, "Acknowledgment of Assent to the Project Labor Agreement." The City of Cleveland shall not enter into any contract with the successful bidder unless the contract contains a provision requiring the successful bidder and all of its contractors and subcontractors to comply with and adhere to the PLA. The bidder acknowledges this requirement by submitting this bid application with the executed Acknowledgment of Assent form."

**END**

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

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**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
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**DS-01     PROJECT SCOPE**

The Contractor shall perform only such work under this Contract as the Administrative Manager of the Division of Engineering & Construction, or the Manager’s designee, orders by signed task order with, when necessary, one or more plan attachments.

The Division intends to utilize all unit items listed in this Contract on an “as needed” basis for existing and new construction ordered. Task orders may include, but are not limited to, reconstruction of existing infrastructure in the City’s Right-of-Way (Roadways, sidewalks, and related infrastructure), maintenance of existing infrastructure in the City’s Right-of-Way (Resurfacing and pavement replacement), or new roadway construction. The Task Orders are City Wide and are for concrete and asphalt construction as per the work tasks issued for the contract.

The Contract is subject to having at least two (2) separate crews. The City reserves the right to require additional crews as needed to complete the work. A crew will consist of all equipment and manpower required to complete the work within the allocated time as determined by the City.

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**DS-02     MOBILIZATION (ITEM SPECIAL)**

This work shall consist of Mobilization for Task Orders assigned.

Mobilization cost shall be a 5% lump sum cost per the total proposed cost of each Task Order. This cost is inclusive of all costs related to same, and no additional separate payment or compensation will be made towards mobilization in this contract.

The unit item cost shall include work and all incidentals necessary to mobilize onsite.

The Contractor shall furnish and supply water for dust control as directed by the Construction Section Chief at no cost to the City.

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**DS-03     MAINTAINING PEDESTRIAN ACCESS**

Pedestrian Access to all property owners, including residences and businesses, shall be made available at all times during construction. The contractor shall make available during the construction, steel plates, bridges, or other means approved by the engineer to bridge across open excavations to provide pedestrian access full time (24 hr – 7 days a week) to abutting properties at locations determined by the Superintendent of Sidewalks. A minimum of 72 hours prior to starting the removal of any paved surface the contractor shall inform the residents by letter approved by the Superintendent of Sidewalks stating the extent of work, start of work date and a 24 hour phone number in which the contractor can be reached in case of emergency.

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**DS-04     COMPLETE IN PLACE ITEMS**

Items labeled “COMPLETE IN PLACE” in their item description shall include all the work necessary to accomplish the job; the work may include but not restricted to the following: saw-cut, removal, disposal, minor excavation, sub-grade compaction, furnishing and providing required sub-grade, dowelling holes, dowels, reinforcement, all form and material to build the structure, providing or cutting joints, joint fillers, joint sealers, curing agents, surface treatments, all surrounding disturbed area restoration and other relevant work which is necessary but not being paid separately.

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**DS-05     CONSTRUCTION SCHEDULE**

This specification replaces Part C-9 Contractor Schedule in the Supplemental Conditions.

For each task order, the Contractor shall provide, at a minimum, a completion date for the work. The Contractor shall also furnish weekly schedule updates during active construction seasons.

If requested by the Construction Section Chief, the Contractor shall provide two (2) copies of the current construction schedule. This schedule must be provided within five (5) days of receipt of each task order. The failure to providing a schedule in the allocated time will be considered a delay in the completion of the work.

The schedule duration for most local street resurfacing is expected to be no more than three weeks after the beginning of milling operations. The schedule will also include the clean-up and restoration of the task order site work which will occur within fourteen (14) days after the completion of the task order work along with removal of all forms, pins, and any other items brought to the site by the Contractor.

An excusable delay in the completion of the task order work is defined in Part B-6 of the General Conditions. An extension of time to the task order schedule will be granted for reasons as stated in Part B-6 and as determined by the Construction Section Chief. No other compensation will be provided for delays in the completion of the work.

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**DS-06     MODIFICATION TO D-06, (ELEVATIONS AND DIMENSIONS (ITEM 105, SPECIAL))**

The City may, at its option, furnish the contractor elevations which are not sea level datum. If the City furnishes elevations referring to another datum, the elevations furnished shall include the location and elevation of the datum used.

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**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**DS-07     STRUCTURAL STEEL, MISC: FIELD PREPARATION OF JOINT ARMOR**

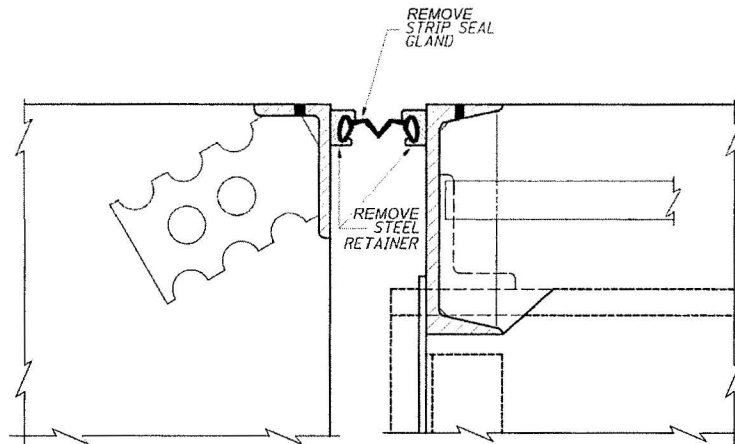
**DESCRIPTION:**

This work shall include preparing joint armor in preparation for installation of new joint seals and shall include removing existing steel extrusions or other elements that may interfere with the new joint seal as shown in the plans, directed by the engineer, and herein specified.

**EXECUTION:**

Existing strip seal extrusions or other interfering elements shall be removed by flame cutting, grinding, filing, etc. Removals are to be smooth and generally flush with the faces of the existing steel armor and shall not gouge, under cut, or otherwise damage the armor. Tolerances for removals are +1/8” and -0” from the face of the existing steel armor.

Removing elastomeric strip seals, if present, is included in this item.



**GENERAL DETAIL**

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 513E95000   | FT          | STRUCTURAL STEEL MISC: FIELD PREPARATION OF JOINT ARMOR (DS-07) |

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**DS-08      STRUCTURAL STEEL, MISC: REPAIR OF STRUCTURAL STEEL WELDS**

**DESCRIPTION:**

This work shall include repairing defects in existing welds on structural or miscellaneous steel elements as shown in the plans, directed by the engineer, and herein specified.

**REFERENCES:**

This DS supplements ODOT C&MS 513.

**QUALIFICATIONS:**

Weld repairs shall be prepared by AWS D1.5 Certified Welders.

Welds shall be inspected by AWS D1.5 Certified Welding Inspectors.

Welding procedures shall be prepared by AWS D1.5 Senior Certified Welding Inspectors or qualified welding engineers.

**SUBMITTALS:**

The Contractor shall submit the welder and inspector certification(s) for approval. The Contractor shall prepare and submit welding procedure(s) for approval. Allow adequate time for review, approval, and resubmittal. Approved submittals shall be available for inspection and reference on-site when commencing the work; and shall remain until project close-out.

Payment shall not be made if the required documentation herein is not on file prior to commencing the work.

**EXECUTION:**

Weld repairs shall be performed in accordance with the approved welding procedure for that type of weld and configuration.

Use non-destructive testing (NDT) as well as visual testing to inspect the quality of welds.

Welding inspectors shall certify and submit their inspection findings daily to the Project Manager. Failed welds shall also be reported to the Engineer. Corrective action shall be taken and at no cost to the City.

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 513E95030   | EACH        | STRUCTURAL STEEL, MISC.: REPAIR OF STRUCTURAL STEEL WELDS (DS-08) |

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**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**DS-09     STRUCTURAL STEEL, MISC.: REMOVE AND REINSTALL SIDEWALK PLATE**

**DESCRIPTION:**

This work shall include removal, storage, reinstallation, and incidental repairs to sidewalk expansion joint plates and any other appurtenances needed to complete the work as shown in the plans, directed by the Engineer, and herein specified.

**REFERENCES:**

This DS supplements ODOT C&MS 513 & 516.

**EXECUTION:**

The Contractor will remove, store, and reinstall bridge walk plates as necessary upon direction of the Engineer.

Reinstalled walk plates shall be clean and free of loose rust, grease, or other contaminants.

If existing condition of the walk plates requires their replacement, the Contractor shall notify the Engineer for a final determination. Other options may be investigated.

Fabricated items, if required, shall be Level UF.

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>   |
|-------------|-------------|--|
| 513E95030   | EACH        | STRUCTURAL STEEL, MISC.: REMOVE AND REINSTALL SIDEWALK PLATE (DS-09) |

---

**DS-10     FIELD PAINTING, MISC.: SYSTEM OZEU WITH SURFACE PREPARATION**

**DESCRIPTION:**

This work shall include surface preparation, applying prime, intermediate, and finish coats of paint, and any other appurtenances, including containment and disposal, needed to complete the work as shown in the plans, directed by the Engineer, and herein specified.

**REFERENCES:**

This DS supplements ODOT C&MS 514.

**EXECUTION:**

If existing condition of the steel requires replacement or repair, the Contractor shall notify the Project Manager and the Engineer for a final determination. Other options may be investigated.

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 514E27700   | SF          | FIELD PAINTING, MISC.: SYSTEM OZEU WITH SURFACE PREPARATION (DS-12) |

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**DS-11     EXPANSION JOINT SYSTEM REMOVED AND REPLACED**

**DESCRIPTION:**

This work shall include removing, furnishing, and installing expansion joint seals and any other appurtenances needed to complete the work as shown in the plans, directed by the Engineer, and herein specified.

**REFERENCES:**

This DS supplements ODOT C&MS 202, 511, and 516.

**EXECUTION:**

Work under Elastomeric Strip Seal Without Steel Extrusions shall consist of removing (C&MS 202) and replacing elastomeric strip seal per ODOT SCD EXJ-4-87.

Work under Preformed Elastomeric Compression Joint Seal shall consist of removing (C&MS 202) and replacing elastomeric compression seal per ODOT SCD EXJ-2-81.

Work under Structural Expansion Joint Including Elastomeric Compression Seal shall include removing portions of armor and/or concrete (C&MS 202), installing new concrete (C&MS 511, Class C), steel armor (C&MS 513, Level UF) and elastomeric compression seal per ODOT SCD EXJ-2-81.

Work under Structural Expansion Joint Including Elastomeric Strip Seal shall include removing portions of armor and/or concrete (C&MS 202), installing new concrete (C&MS 511, Class C), steel armor (C&MS 513, Level UF) and elastomeric strip seal per ODOT SCD EXJ-4-87.

(Remainder of this sheet is blank.)

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 516E01301   | FT          | ELASTOMERIC STRIP SEAL WITHOUT STEEL EXTRUSIONS (DS-15)                   |
| 516E10001   | FT          | PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (DS-15)                      |
| 516E10501   | FT          | STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC COMPRESSION SEAL (DS-15) |
| 516E11211   | FT          | STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (DS-15)       |

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**DS-12     STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL**

**DESCRIPTION:**

This item shall consist of furnishing all labor, materials, and equipment necessary to remove existing joint seals and to furnish and install a complete precompressed UV stable silicone coated acrylic impregnated polyurethane foam seal system as shown in the plans, directed by the Engineer, and herein specified.

**SUBMITTALS:**

Prior to ordering materials, submit for approval product data, including installation instructions, for the joint system and all associated materials to be used.

Submit purchase order(s) for the system and materials supplied upon delivery to the work site.

**MATERIALS:**

Foam seal shall be capable of resisting a minimum of +60% elongation (tension) & -60% contraction (compression) (120% total movement), consist of polyurethane or similar foam impregnated with hydrophobic material, have a factory applied impervious and UV stable silicone coating on the exposed side of the seal, and be secured with epoxy to the substrate. The silicone coating shall not contain any open, unsealed joints along its length in its final condition.

(Remainder of this sheet is blank.)

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**PRODUCTS:**

Provide a complete seal system consisting of one or the other of:

BEJS System

As Manufactured by:

EMSEAL Joint Systems, Ltd

25 Bridle Lane

Westborough, Massachusetts 01581

(508) 836-0280

Wabo FS Bridge Seal

As Manufactured by:

Watson Bowman Acme Corp.

95 Pineview Drive

Amherst, New York 14228

(716) 691-7566

or approved equal.

The system and materials installed shall be from one manufacturer only.

**EXECUTION:**

Remove existing joint seal(s) or other material in the joint as required (C&MS 202).

Prepare the facing concrete or steel armor as required and install coated precompressed foam seal in accordance with the manufacturer's written instructions which shall be stored on site ready for inspection and reference.

The top of the foam seal shall be recessed ¾" to 1" below the top surface of the adjoining roadway.

(Remainder of this sheet is blank.)

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (1") (DS-12)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (1½") (DS-12) |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (2") (DS-12)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (2½") (DS-12) |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (3") (DS-12)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (3½") (DS-12) |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (4") (DS-12)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.: COATED PRECOMPRESSED FOAM SEAL (4½") (DS-12) |

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**DS-13     STRUCTURAL JOINT OR JOINT SEALER, MISC.: PRECOMPRESSED FOAM SEAL**

**DESCRIPTION:**

This item shall consist of furnishing all labor, materials, and equipment necessary to remove existing joint seals and to furnish and install a complete precompressed UV stable closed-cell foam seal system as shown in the plans, directed by the Engineer, and herein specified.

**SUBMITTALS:**

Prior to ordering materials, submit for approval product data, including installation instructions, for the joint system and all associated materials to be used.

Submit purchase order(s) for the system and materials supplied upon delivery to the work site.

**MATERIALS:**

Foam seal shall be capable of resisting a minimum of +25% elongation (tension) & -50% contraction (compression) (75% total movement), consist of cross-linked polyethylene or similar foam, shall be UV stable, and be secured with epoxy to the substrate.

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**PRODUCTS:**

Provide a complete seal system consisting of one or the other of:

**ZED SEAL**

As Manufactured by:

RJ Watson, Inc.

11035 Walden Ave

Alden, New York 14004

(716) 901-7020

**Wabo XPE - Bridge**

As Manufactured by:

Watson Bowman Acme Corp.

95 Pineview Drive

Amherst, New York 14228

(716) 691-7566

or approved equal.

The system and materials installed shall be from one manufacturer only.

**EXECUTION:**

Remove existing joint seal(s) or other material in the joint as required (C&MS 202).

Prepare the facing concrete or steel armor as required and install coated precompressed foam seal in accordance with the manufacturer's written instructions which shall be stored on site ready for inspection and reference.

(Remainder of this sheet is blank.)

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (1") (DS-13)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (1½") (DS-13) |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (2") (DS-13)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (2½") (DS-13) |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (3") (DS-13)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (3½") (DS-13) |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (4") (DS-13)  |
| 516E14600   | FT          | STRUCTURAL JOINT OR JOINT SEALER, MISC.:<br>PRECOMPRESSED FOAM SEAL (4½") (DS-13) |

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**DS-14     PATCHING CONCRETE BRIDGE DECK**

**DESCRIPTION:**

This work shall include preparing, installing, and curing bonded patches in concrete bridge deck and any other appurtenances needed to complete the work as shown in the plans, directed by the Engineer, and herein specified.

**REFERENCES:**

This DS supplements ODOT C&MS 256 & 519.

**SUBMITTALS:**

Prior to ordering materials, submit for approval product data for the patching system and all associated materials to be used.

**EXECUTION:**

Provide materials & equipment, prepare, install, and cure bonded patches in concrete bridge deck in accordance with C&MS 256.

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>                             |
|-------------|-------------|--|
| 519E12200   | SY          | PATCHING CONCRETE BRIDGE DECK - TYPE A (DS-14) |

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**DS-15     APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB**

**DESCRIPTION:**

This work shall include removing, furnishing, and installing reinforced concrete approach slabs, or portions thereof, and any other appurtenances needed to complete the work as shown in the plans, directed by the Engineer, and herein specified.

**REFERENCES:**

This DS supplements ODOT C&MS 526.

The ODOT Standard Construction Drawing (SCD) AS-1-15 shall be used as the basis of the work.

**SUBMITTALS:**

If construction plans are not provided, submit a placing drawing of each approach slab for review and approval.

Placing drawings shall be scaled drawings showing the plan and transverse section, elevations at interfacing crown, curb, construction, and sidewalk lines, reinforcing steel layout in both views, reinforcing steel schedule, and any other details necessary for construction.

Allow adequate time for review, approval, and resubmittal. Approved submittals shall be available for inspection and reference on-site when commencing the work.

**EXECUTION:**

Remove existing approach slab, and walks if required (C&MS 202). Preserve any existing dowels into the backwall(s). Install new epoxy coated dowels (C&MS 509) and dowel holes (C&MS 510) where existing backwall dowels are unserviceable or absent. Provide materials & equipment, prepare, install, and cure replacement approach slabs (C&MS 526) per SCD AS-1-15 to match the existing profile, alignment, crown, and curb lines.

For partial removal and replacement saw cut parallel to the roadway full depth. Terminate full depth saw cut clear of existing backwall and adjoining pavement. Do not damage existing backwall or adjoining pavement. Reduce depth of cut to a minimum of 1" over the last length to complete the cut adjacent to these elements.

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

Longitudinal construction joints shall be parallel to the roadway and shall be doweled into the adjoining slab epoxy coated dowels (C&MS 509) and dowel holes (C&MS 510) at 18” spacing and per SCD BP 2.1.

Install walks and curbs (C&MS 511, Class S) matching the existing profile, alignment, curb profile, and surface. Provide and install reinforcement consisting of #5 bars at 12” spacing each way anchored with standard hooks and 30” lap splices where required with 2” clear cover to all surfaces and joints.

Walks may be placed monolithically with the slab. Curbs shall be placed monolithically with the slab.

All reinforcement to be epoxy coated (C&MS 509).

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>  |
|-------------|-------------|---|
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=12”) (DS-15)           |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=12”) WITH WALK (DS-15) |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=13”) (DS-15)           |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=13”) WITH WALK (DS-15) |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=15”) (DS-15)           |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=15”) WITH WALK (DS-15) |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=17”) (DS-15)           |
| 526E98100   | SY          | APPROACH SLABS, MISC.: REMOVE AND REPLACE APPROACH SLAB (T=17”) WITH WALK (DS-15) |

(Remainder of this sheet is blank.)

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

|           |    |   |
|-----------|----|---|
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=12”) (DS-15)           |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=12”) WITH WALK (DS-15) |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=13”) (DS-15)           |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=13”) WITH WALK (DS-15) |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=15”) (DS-15)           |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=15”) WITH WALK (DS-15) |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=17”) (DS-15)           |
| 526E98100 | SY | APPROACH SLABS, MISC.: REMOVE AND REPLACE PORTIONS OF APPROACH SLAB (T=17”) WITH WALK (DS-15) |

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**DS-16     CAST IN PLACE CONCRETE**

GENERAL: This supplement entirely supersedes D-24 “CONCRETE DESIGN MIX”.

Any and all references to D-24, “Cleveland 650”, or other cast in place concrete shall direct to this specification.

DESCRIPTION:

This work shall include furnishing and installing cast in place concrete pavements, curbs, walks, ramps, foundations, structures, walls, etc., and any other appurtenances needed to complete the work per ODOT C&MS Item 499 Concrete – General, other relevant sections of the ODOT C&MS, and as shown in the plans and herein specified.

SUBMITTALS:

The contractor shall submit all current, ODOT approved, Job Mix Formulas (JMFs) proposed for the work for review and approval. Submittal of each JMF shall include the ODOT approval documentation.

The contractor shall provide batch plant tickets per ODOT C&MS 499.07 and the ODOT Construction Administration Manual of Procedures (MOP).

(Remainder of this sheet is blank.)

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**MATERIALS:**

All applicable cast-in-place concrete work items specified herein shall be bid and supplied using materials and the concrete mix design specified in this section and per ODOT C&MS 499.

Concrete mix designs shall be as specified for the individual items, and shall be Ohio DOT Class QC according to the following:

|                |             |
|----------------|-------------|
| Pavement       | Class QC-1P |
| Substructure   | Class QC1   |
| Superstructure | Class QC2   |
| Mass Concrete  | Class QC4   |
| Drilled Shaft  | Class QC5   |
| Medium Set     | Class QC MS |
| Fast Set Class | QC FS       |

JMFs proposed by the contractor shall be as appropriate for the classes above per the ODOT C&MS. Only approved JMFs shall be used where designated.

**EXECUTION:**

The contractor shall furnish and prepare concrete ready for placing in accordance with ODOT C&MS 499 and the ODOT MOP.

Cast in place concrete shall be placed and cured on or in properly prepared bases, forms, etc. per the relevant sections of the ODOT C&MS and MOP.

**LIMITATIONS:**

The following limitations apply without exception:

- Admixtures containing chlorides shall not be used.
- Class MS or Class FS concrete shall not be used.

**HOT AND COLD WEATHER WORK:**

Hot and cold weather protection (Blankets, heaters, ice, etc.) shall be included in the unit bid price.

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for these items. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

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**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

**DS-17     MAINTENANCE OF TRAFFIC (ITEM SPECIAL)**

**DESCRIPTION:**

This work shall include maintaining traffic via detour, full-width, part-width, or lane closures on the roadway, sidewalk closure(s), in any combination and shall include any other appurtenances needed to complete the work as indicated, directed by the Engineer, and herein specified for Task Orders assigned.

Closures may consist of:

Full Closure & Detour: Which shall consist of closing all traffic lanes and sidewalk(s) as directed, and installing and maintaining vehicular and pedestrian detour(s).

Partial Closure - One Way Traffic Maintained: Which shall consist of closing up to one-half of the traffic lanes and one sidewalk. Traffic that would use the closed portions of the roadway will be detoured as directed. One way traffic will be maintained on the remaining roadway width. Pedestrian traffic on the closed sidewalk shall be detoured. Contractor will be responsible for installing and maintaining necessary detour(s).

Partial Closure - Two Way Traffic Maintained: Which shall consist of closing up to one half of the traffic lanes and one sidewalk. Two way traffic will be maintained on the roadway remaining roadway width and separated with barrels as channelizing devices. Pedestrian traffic on the closed sidewalk shall be detoured. Contractor will be responsible for installing and maintaining necessary detour(s).

Sidewalk & Curb Lane Closure: Which shall consist of closing one sidewalk and the adjacent traffic lane. Roadway traffic on that side will be maintained with one lane reduced. Pedestrian traffic on the closed sidewalk shall be detoured. Contractor will be responsible for installing and maintaining necessary detour(s).

**EXECUTION:**

Unless directed by the Engineer, the Contractor shall propose needed detour route(s) for approval. MOT plans, if required, will be provided by the City. The Contractor shall set and maintain a proper zone per the Ohio Manual of Uniform Traffic Control Devices (OMUTCD).

Unless directed by the Engineer, safe and satisfactory access for abutting properties and adjacent streets shall be maintained AT ALL TIMES by the Contractor.

All construction traffic control devices used shall conform to the OMUTCD for streets and shall be furnished, erected, maintained, and removed by the Contractor.

All existing lanes shall be open to traffic between November 15 and March 15, unless directed.

Two-way traffic shall be maintained at all times on the side streets adjacent to the roadway location listed in the Task Order and is incidental to the maintenance of traffic work.

**DS – SUPPLEMENTAL (STRUCTURAL) DETAIL SPECIFICATIONS**  
**ADDENDUM NO. 1**

Construction traffic control devices and signage which become damaged by traffic for reasons beyond the control of the contractor shall be replaced in-kind at no cost to the City when ordered by the Construction Section Chief.

At the acceptance of the Task Order completion, all maintenance of traffic items shall be removed at no cost to the City when ordered by the Construction Section Chief. In no case shall maintenance of traffic items be stored or remain in the Right-of-Way for more than five days.

**MEASUREMENT AND PAYMENT:**

Payment for accepted quantities of the work described herein, complete in place, shall be made at the contract unit price bid for this item. This shall include all tools, labor, materials, equipment, power, transport, delivery, and disposal necessary to complete this item of work as described, and to the satisfaction of the Engineer.

| <u>Item</u> | <u>Unit</u> | <u>Description</u>   |
|-------------|-------------|--|
| 614E11110   | HOUR        | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE                   |
| 614E11130   | HOUR        | LAW ENFORCEMENT OFFICER FOR ASSISTANCE                                   |
| 614E18002   | LS          | MAINTAINING TRAFFIC, MISC.: FULL CLOSURE & DETOUR                        |
| 614E18002   | LS          | MAINTAINING TRAFFIC, MISC.: PARTIAL CLOSURE - ONE WAY TRAFFIC MAINTAINED |
| 614E18002   | LS          | MAINTAINING TRAFFIC, MISC.: PARTIAL CLOSURE - TWO WAY TRAFFIC MAINTAINED |
| 614E18002   | LS          | MAINTAINING TRAFFIC, MISC.: SIDEWALK & CURB LANE CLOSURE                 |

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(End of Section)