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David J. Walsh

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611 3154 312.751.5600

Darlene A. LoCascio

Director of Procurement and Materials Management

312.751.6600 f: 312.894.2011

darlene.locascio@mwr.d.org

December 9, 2016

Dear Bidder:

Enclosed herewith is "Notice of Revision and Addendum in Contract Documents," Addendum No. 3, consisting of two typewritten pages and attachments. This addendum is dated December 9, 2016, and pertains to Contract 10-883-CF, "Cherry Creek East Branch Flood Control Project."

You are required to acknowledge receipt of this Notice by signing and returning this page to:

Metropolitan Water Reclamation District of Greater Chicago
P.O. Box 10697
Chicago, Illinois 60610

Attention: Director of Procurement and Materials Management

Proposers must download Addendum No. 3 and the attachments in their entirety from the District's Portal at www.mwr.d.org. Once on the Portal, go to Quick Links on the right side of the Portal, and then click on "Contracts & Proposals." Next, click on "For Contracts Being Currently Advertised Click Here." Scroll to 10-883-CF and click "Addenda" to obtain this and all other addenda. If you have a problem obtaining the addenda on the Portal, please call the Contract Desk at (312) 751-6629 for assistance. The Notice must be signed, dated, inserted in the Contract Documents, and submitted with the Proposal, or the Bidder may identify the addendum number in the space provided on the signature page.

Very truly yours,



Darlene A. LoCascio
Director of Procurement and
Materials Management

Attachments

Acknowledgment of receipt of the above-cited Notice:

DATE _____
NAME _____
FIRM _____
SIGNED _____

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

NOTICE OF REVISION AND ADDENDUM IN CONTRACT DOCUMENTS

ADDENDUM NO. 3

December 9, 2016

CONTRACT 10-883-CF

**CHERRY CREEK EAST BRANCH FLOOD CONTROL PROJECT
FLOSSMOOR, ILLINOIS**

All bidders are hereby notified of the following revisions to the Contract Documents:

Volume 1 of 4 – Signature Book

- I. On page T-1 please change the PROPOSAL page numbering to “P-1X to P-10X”.
- II. On page T-1 please change the AGREEMENT page numbering to “A-1X to A-27X.”
- III. On the tenth line of page I-1 update the proposal due date to **TUESDAY, JANUARY 10, 2017.**
- IV. In the last sentence of the first full paragraph on page I-1, update the proposal due date to **TUESDAY, JANUARY 10, 2017.**
- V. Replace the entire PROPOSAL with the version attached and numbered P-1X to P-10X.
- VI. Replace the entire AGREEMENT with the version attached and numbered A-1X to A-27X.

Volume 2 of 4 - Detailed Specifications

- I. In Section 01 00 05 – Supplementary Conditions, add a section 1.3.B as follows:
 - B. Article 17, page GC-8
 1. Delete Item (A) in its entirety and replace with the following:


(A) Completed Value Builder’s Risk coverage appropriate for a land renovation project, including subsequent modifications thereto. Coverage is to be


provided on a monthly reporting basis, with insurable values to be equal to the most recently reported monthly amount. Such insurance shall be provided on an "all risk" (including earthquake) and replacement cost basis. Coverage is to include a sublimit for High Hazard Flood of \$1,000,000.00. This insurance shall be maintained until the final acceptance of the work and deemed as "Completed Operations" in writing by the Resident Engineer. The Metropolitan Water Reclamation District of Greater Chicago shall be designated as the named insured.

Volume 4 of 4 - Contract Plans

- I. Replace Sheets TL-001, C-116, and C-133 with the revised versions included in this addendum.

The bidder shall sign this Notice in the space provided below and insert it in the Contract Documents when submitting the Proposal.


Catherine A. O'Connor
Director of Engineering


Darlene A. LoCascio
Director of Procurement and Materials Management

The bidder acknowledges that he/she has read this Notice of Revision, dated December 9, 2016, to the Contract Documents and that he/she has taken the provisions thereof into consideration when preparing and submitting this Proposal.

FIRM NAME _____

BY _____

DATE _____

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
PROPOSAL FOR

CHERRY CREEK EAST BRANCH FLOOD CONTROL PROJECT IN
FLOSSMOOR, IL
CONTRACT 10-883-CF

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street
Chicago, Illinois 60611

Ladies and Gentlemen:

The Bidder has examined the Contract Documents for the above titled project, the site of the work, the means of access thereto, the adjoining and adjacent premises and the facilities for making deliveries at said location, and all other relative material.

The Bidder has also examined the Invitation to Bid, the foregoing Requirements for Bidding and Instructions to Bidders (Bidding Requirements, hereinafter), has made the examinations and investigations therein required, and has been advised as follows:

The Metropolitan Water Reclamation District of Greater Chicago (Water Reclamation District, hereinafter) is exempt from the Illinois State and/or Municipal or County Retailers' Occupation Tax, Service Occupation Tax, Use Tax and Service Use Tax and prices quoted shall not include the cost of such taxes. The Illinois Exemption Identification Number is E9997-9578-07.

The prices quoted herein by the bidder conclusively include all other direct or indirect Federal, State, County, and local taxes which apply and also comply with all Federal laws and regulations.

The lump sum price for Cost Proposal A, lump sum price for Cost Proposal B, and the Total Bid Amount must be written in words and figures or the bid will be rejected. **In the event that there is a discrepancy between the "Written in Words" and the "Written in Figures" amounts, the "Written in Words" amounts shall govern.**

The Bidder proposes, in accordance with the terms and conditions of the Contract Documents, to do all the work called for in said Contract Documents and to furnish all materials, tools, labor and all appliances and appurtenances necessary for full completion of the work, in place as specified, at the price of:

THE LUMP SUM PRICES:

COST PROPOSAL A:

For the construction of all work required to complete the entire project, as shown in the plans and specifications, with the exception of Governors Highway right-of-way work described in Cost Proposal B and allowance item work described in Cost Proposal C and Cost Proposal D, for the Lump Sum price of:

(Written in Words Amount)

Dollars

(Written in Words Amount)

and _____ Cents (\$ _____).
(Written in Figures Amount)

COST PROPOSAL B:

Construction of all work shown on the plans and specifications within the Illinois Department Transportation's Governors Highway right-of-way except any electric line relocation detailed in Cost Proposal D. Work includes but may not be limited to:

Construction of all work shown on the plans and specifications within IDOT Governors Highway Right-Of-Way including:

1. Removal of existing 5'x3' box culvert and installation of new 6'x4' culvert (Structure 6), two cast-in-place end sections, Inlet No. 1, and 15" RCP connection to end section
2. Removal of existing 53"x34" elliptical culvert and installation of 8'x4' culvert (Structure 5) and two cast-in-place end sections
3. Installation of 12'x4' culvert (Structure 3) and two cast-in-pace end sections
4. Removal of existing manhole and installation of new 9' diameter Manhole No. 4
5. All maintenance of traffic, guardrail, pavement restoration and landscaping

For the Lump Sum Price of:

(Written in Words Amount)

Dollars

(Written in Words Amount)

and _____ Cents (\$ _____).
(Written in Figures Amount)

ALLOWANCE ITEMS

COST PROPOSAL C:

Allowance Item for Construction or Demolition Debris & Soil that is contaminated.

The Contractor shall include an allowance amount in his bid for incremental costs for the removal, handling and legal offsite disposal of any construction or demolition debris and surplus soil that is considered contaminated (hazardous waste or non-hazardous special waste). See Specification Section 02 22 20 for additional information. To be qualified for payment under this item, this work will have to be performed during the contract period, and shall exclude the cost of abatement of contaminated materials that is identified as part of the lump sum work, elsewhere in the contract documents. Upon determining that a certain extent of the construction demolition debris and surplus

soil is contaminated, the Contractor shall estimate the scope of work and submit a written scope for the additional work required, price proposal, and supporting documentation to the District for review and approval. The written scope and price proposal shall include a detailed description of the type and extent of additional work to be performed for the removal, handling and legal offsite disposal of contaminated material, including a detailed cost breakdown showing all material, labor and equipment costs. The Contractor shall also submit supporting documentation, including test data, to wholly support his claim (s). The price proposal (s) shall be in accordance with Articles 7 and 8 of the General Conditions of the contract.

Costs of testing all material generated on the project to establish that it is clean or uncontaminated shall be considered part of the lump sum price, and not part of this allowance item except as follows. If, after initial testing, any material tests positive for contamination, the costs of any additional testing that may be mandated to further categorize the material into various classifications of contaminated or special wastes for handling, removal and disposal purposes, may be considered for payment under this allowance item, by the District.

The District will review the report (s), price proposal (s), and supporting documentation to verify the accuracy and completeness of the information, and to verify that the price proposal (s) is (are) fair and reasonable for the scope of work performed. During the performance of the work, the District’s Resident Engineer shall be kept apprised of the work schedule at all times, and the Contractor shall maintain a daily record of time, material and equipment utilized to perform the work, which shall be signed by the District’s Resident Engineer. The cumulative price for the work performed under this Allowance Item shall not exceed the amount indicated below for Cost Proposal C. The actual cost of the work may be less or more than indicated. It is also possible that this work may not be required, in which case the amount to be paid under this Allowance Item shall be zero. Actual payments to be made to the Contractor shall be based solely on the amount approved by the District. The District makes no guarantee that any work will be required under this Allowance Item.

In the event that the actual price for additional work to be performed for the removal, handling and legal offsite disposal of contaminated material exceeds the amount in this Allowance Item, the Contractor agrees to provide the extra work required due to the presence of contaminated material as change order work. In this case, a supplemental report (s), price proposal (s), and supporting documentation shall be submitted to the District for review and approval. The Contractor shall prepare the price proposal (s) in accordance with Articles 7 and 8 of the General Conditions of the Contract.

Furnish all labor, supervision, equipment, materials, and incidentals required for the incremental work associated with the removal, handling and disposal of contaminated (hazardous waste or non-hazardous special waste) material, as specified in the detail specification and as directed by the Engineer, for an allowance amount not to exceed:

FORTY THOUSAND Dollars and ZERO Cents
(Written in Words Amount) (Written in Words Amount)

(\$ 40,000.00) (Dollar Value to be established based on project scope)
(Written in Figures Amount)

COST PROPOSAL D:

During the course of the work, the Contractor shall arrange for the Electric Utility (Commonwealth Edison – ComEd) to provide a relocation of the electric line crossing the new bypass channel. Since it may not be possible for the bidder to obtain an actual quote from ComEd for this work prior to submitting bids, payment for the electric utility charges for this work shall be made under this allowance item.

This allowance specifically excludes the relocation of Homewood-Flossmoor High School’s electric line from the school back out to the light pole along Governors Highway.

The Contractor is responsible for contacting ComEd to obtain a quote for the specified work via a service agreement. The Contractor shall submit the service agreement to the Engineer for appropriate signature. Payment will be made to the Contractor for the value of ComEd’s service agreement, without mark-up of any kind, under this Allowance item. The Contractor may not add this item to his monthly pay request until this allowance item is approved by the Engineer. The contractor is advised that ComEd will require payment before scheduling and starting the specified work. The Contractor is further advised that the process for payment under this Allowance item will require several weeks to complete and that the Contractor must take this into account when scheduling work.

Payment for actual ComEd Electric utility charges for all labor, supervision, equipment and materials required to provide relocation of electric distribution system, as defined above, and as directed by the Engineer, for an allowance amount not to exceed:

THIRTY THOUSAND Dollars and ZERO Cents
(Written in Words Amount) (Written in Words Amount)

(\$ 30,000.00) (Dollar Value to be established based on project scope)
(Written in Figures Amount)

THE TOTAL BID PRICE

THE SUM OF COST PROPOSAL A, COST PROPOSAL B, \$40,000 FOR COST PROPOSAL C, and \$30,000 FOR COST PROPOSAL D EQUALS (The Lump Sum Price of Cost Proposal A plus the Lump Sum price of Cost Proposal B plus the amount of Cost Proposal C plus the amount of Cost Proposal D):

_____ Dollars
(Written in Words Amount)

_____ Dollars
(Written in Words Amount)

and _____ Cents (\$ _____).
(Written in Words Amount) (Written in Figures Amount)

PROGRESS PAYMENT PRICE BREAKDOWN BY PERCENT

For purposes of Progress Payment only, and irrespective of any estimate the bidder may prepare, the Engineer has determined the value of each Item as described in the Contract Documents to be that percentage of Cost Proposals A and B, the Lump Sum Prices shown below:

ITEM	DESCRIPTION	PERCENTAGE OF LUMP SUM PRICE
Division 1	General Requirements (including Mobilization)	12.5
Division 2	Existing Conditions	6.8
Division 3	Concrete	4.3
Division 5	Metals	0.3
Division 31	Earthwork	25.6
Division 32	Exterior Improvements	23.3
Division 33	Utilities	27.2
PERCENT OF THE LUMP SUM PRICE		100.0

Once the contract is signed, the Progress Payment Price Breakdown, also known as the Schedule of Values (SOV), becomes a contractual payment device. Within one (1) week of signing the contract, the Contractor may petition the Engineer to adjust the SOV based upon the subcontract amounts assigned to each line item in the SOV. The Contractor's self performance costs and mobilization cannot be adjusted. Only those line items with a total subcontract cost greater than 10% of the original SOV can be adjusted with offsetting adjustments in other lines. The Engineer must find significant deviations to grant a petition for readjustment of the SOV. For administrative purposes, Allowance Items Cost Proposal C and Cost Proposal D are not included in the breakdown above. The Contractor shall include these as separate line items in the Schedule of Values.

MOBILIZATION

The Engineer has further determined that for purposes of progress payment, mobilization shall constitute 48 percent of the calculated value for Division 1. Since the total value of Item 1 has been determined to be 12.5 percent of the Lump Sum Price for this Contract, the value of mobilization shall be 6.0 percent of the Lump Sum Price.

Note that Division 1 of the Progress Payment Breakdown provides for payments to be made for mobilization. For purposes of this Contract, "mobilization" shall be considered to be complete when the following tasks have been completed in their entirety:

- a. Submittal of Insurance and approval thereof by the Engineer.
- b. Placement in service, at the job site, of operating field office with all necessary utilities.
- c. Assignment and approval of a Technical Engineer and a Safety Representative for the project.
- d. Submittal and acceptance of an acceptable Work Schedule.

- e. Submittal and approval of a detailed cost breakdown for Lump Sum Items.
- f. Attendance of District provided Constructware® training session, in accordance with Specification Section 01 32 50.
- g. Submittal and acceptance of a Submittal Schedule for the entire project.
- h. Submittal and acceptance of Homewood-Flossmoor High School District 233 Contractor Certifications as provided in Specification Section 01 11 50.

Note that **NO** progress payments will be made until **all** requirements for mobilization have been completed.

PROPOSAL REQUIREMENTS

The Bidder hereby guarantees that all material, equipment and appurtenances furnished under this Proposal will be free from defects in design, workmanship, manufacture and installation, and will be capable of continuous satisfactory operation under the conditions as specified. In submitting this Proposal, the Bidder represents and warrants the availability of the necessary skilled tradespeople and other classifications of labor necessary to perform the work required, and furthermore, the prior work experience stipulated in the Affidavit reflects such expertise.

Each bidder, in submitting this proposal, is directed to return only Volume 1, which is the Signature Book for Submission of Bid, for this contract, properly completed with the required signatures, in time for the public bid opening date. Failure to submit Volume 1, the Signature Book for Submission of Bid, for this contract, as specified, may render the bid non-responsive and the bid may be rejected.

In accordance with the requirements set forth in the attached "Bidding Requirements," there is deposited herewith the sum of **Two Hundred Forty Four Thousand Dollars (\$244,000.00)** which under the terms mentioned entitles the Bidder to submit a Proposal on said work, the said sum to be returned to Bidder upon the faithful performance of all the conditions set forth in the Bidding Requirements.

It is understood that in the event the Bidder is awarded a contract for the work herein mentioned, and shall fail or refuse to execute the same and furnish the specified bond within thirteen (13) calendar days after receiving notice of the award of said contract, then the sum of **Two Hundred Forty Four Thousand Dollars (\$244,000.00)** deposited herewith, shall be retained by the Water Reclamation District as liquidated damages and not as a penalty, it being understood that said sum is a fair measure of the amount of damages the Water Reclamation District will sustain in such event.

Further it is understood that compliance with the President's Executive Order No. 11246, as amended, is required. The requirements under this Order are explained in Appendix C and in 41 CFR 60-4 and shall be maintained throughout the life of the Contract if the Contract is in excess of Ten Thousand Dollars (\$10,000.00).

AFFIRMATIVE ACTION ORDINANCE

Submitted with this Proposal is a signed and completed Utilization Plan, which lists the firms intended to be used as MBE, WBE, SBE, the type of work or service each will perform, and the dollar amount to be allocated to each MBE, WBE, SBE.

- 1.) The bidder shall submit with the Proposal a signed and completed **MBE, WBE, SBE Utilization Plan** which lists each business intended to be used as a MBE, WBE, SBE on pages UP-2, UP-3 and UP-4 and supplementary pages as necessary. **The Bidder must sign the Signature Section page UP-5.** Failure to submit a signed MBE, WBE, SBE Utilization Plan will result in a bid being deemed non-responsive and the bid will be rejected. Also, if a Waiver is sought, the Bidder is required to sign pages UP-5 and UP-6, the Waiver Request Form; failure to do so will be viewed as non-responsive and the bid will be rejected.
- 2.) Each Bidder must submit **with their bid package** an original or facsimile copy of **MBE, WBE, SBE Subcontractor's Letter of Intent, Page UP-7** for each subcontractor listed on their MBE, WBE, SBE Utilization Plan. The submitted MBE, WBE, SBE Utilization Plan must be completed and signed by the subcontractor and accompanied with a copy of the subcontractor's current Letter of Certification from a state, local government or agency or documentation demonstrating that the subcontractor is a MBE, WBE, or SBE within the meaning of the **Affirmative Action Ordinance Revised Appendix D**. Failure to submit the MBE, WBE, SBE Utilization Plan signed by the Bidder at the time of the bid opening and the MBE, WBE, SBE Subcontractor's Letter of Intent signed by each MBE, WBE, SBE will be viewed as non-responsive and the bid will be rejected.
- 3.) If the Bidder exceeds the allowable **Supplier Utilization** amount which is stated in the bid documents, the bid will be viewed as non-responsive. Therefore, the Bidder may not exceed the use of a MBE, WBE, SBE supplier for more than 25% of each of the respective MBE, WBE, SBE goal, unless the Director of Procurement and Materials Management has authorized a Supplier's Exception notated on page AU-1.

It is understood that even if the Bidder requests a waiver and/or offers itself to meet any of the Affirmative Action Ordinance Revised Appendix D goals, **SIGNING** the Utilization Plan is **MANDATORY**. The name of the Bidder is shown in the appropriate space(s) if the Bidder offers itself to satisfy any of the Affirmative Action Ordinance Revised Appendix D goals.

Where the bidder is a business owned and controlled by minority women (M/WBE) or where the bidder utilizes a M/WBE in a joint venture or as a subcontractor, the bidder may count the M/WBE participation either toward the achievement of its MBE or WBE goal, but not both.

If a waiver from the Affirmative Action Ordinance Revised Appendix D requirements is sought, the Bidder understands documentation of its good-faith efforts to meet the Affirmative Action Ordinance Revised Appendix D utilization goals should be provided with the bid package on the Contractor's Information form (Exhibit C); the form is included in the package containing the Contract Documents.

Subsequent to the bid opening and if it is determined by the Affirmative Action Administrator that a Contractor's Information form is required, the Bidder must complete and submit the form within three (3) days of receiving the written request itself.

The work under this Contract is classified "General and Heavy Construction" for MBE, WBE, SBE utilization goals contained in the Affirmative Action Ordinance Revised Appendix D. The associated goals are 20% Minority-owned Business Enterprise (MBE), 10% Women-owned Business Enterprise (WBE), and 10% Small Business Enterprise (SBE). This pertains to both the Lump Sum Item and the Contingency Items.

The Bidder, if awarded the contract, is prepared to comply with the requirements of the Affirmative Action Ordinance Revised Appendix D during the life of the Contract.

SPECIAL TRAINING PROVISIONS

The Bidder agrees to fulfill the Special Training Provisions for Apprentices as specified in Appendix K and to provide training opportunities throughout the life of this contract. The requirements for Special Training Provisions for the Apprentices are stated in the AGREEMENT.

MULTI-PROJECT LABOR AGREEMENT

Prior to award of the contract, the lowest responsible bidder must demonstrate compliance with the MWRDGC Multi-Project Labor Agreement by submitting to the Director of Procurement and Materials Management a signed Certification of Compliance with Multi-Project Labor Agreement. That Agreement provides that the lowest responsible bidder and its subcontractors of whatsoever tier level must have or agree to be bound by and operate under a current collective bargaining agreement with a union or labor organization affiliated with the AFL-CIO Building Trades Department, and the Chicago and Cook County Building and Construction Trades Council or their affiliates. The bidder, if awarded the contract, is prepared to comply with the terms and conditions of that agreement during the life of the contract. An executed Certification of Compliance may be submitted with the bidder's proposal. If not submitted with the proposal, the Certification of Compliance must be submitted prior to award of the contract.

SIGNATURE REQUIREMENTS

If the Bidder is a corporation, the president and secretary shall execute one (1) original signature set of the proposal. The corporate seal shall be affixed to the one original signature set. In the event the proposal is executed by someone other than the president, a certified copy of that section of the corporate by-laws or other authorization by the corporation which permits the person to execute the offer shall be attached to the proposal.

If the Bidder is a partnership, all partners shall execute one (1) original signature set of the proposal, unless one partner has been authorized to sign for the partnership, in which case, evidence of such authority must be submitted to the satisfaction of the Director of Procurement and Materials Management.

If the Bidder is a sole proprietor, the Bidder shall execute one (1) original signature set of the proposal.

If the Bidder is a joint venture, then the joint venture agreement identifying the entities which are party to the joint venture must be included with the bid. The agreement must identify the party that shall serve as the single point of contact and take full contractual responsibility for the

obligation of the joint venture. The single point of contact shall execute one (1) original signature set of the proposal.

CORPORATE NAME

The same named corporation, partnership, sole proprietorship, or joint venture must be used on all documents throughout the bid, on the bond, and on the contract documents. Failure to do so will make the bid non-responsive.

The Bidder must be registered to do business in the State of Illinois. If the Bidder is a joint venture, each corporation that is party to the joint venture must individually be registered to do business in the State of Illinois. The registration of all corporations must be in good standing. The District will check the status of corporations on the Illinois Secretary of State's official website at www.cyberdriveillinois.com.

If the Bidder is a "Joint Venture," a "Partnership" or "Sole Proprietor" operating under an Assumed Name, as applicable, the Bidder must be registered with the County Clerk of the Illinois county in which it conducts or transacts business, as provided in 805 ILCS 405/0.01 et.seq.

CONTRACT COST ADJUSTMENT

The District is a functional government agency that operates treatment plants and sewer collection systems. As such, operational considerations will take priority over construction operations and the Contractor should be aware that the Work may be subject to disruptions and the contract time may be extended. The District will not pay for extended overhead or administrative cost for time extensions granted on the contract. The sole compensation for delay is additional contract time.

The bid price of the successful bidder is a firm fixed price, and will not be adjusted during the life of the contract, except for changes in scope of work approved under Article 7 of the General Conditions or unanticipated adjustments to any mandatory costs specifically required in the contract or by law. The District will not pay for escalation costs of material and equipment which may occur during the life of the contract.

Bidders are advised to account for all of the above in their bid price.

The District makes no guarantees as to the timeliness of award. The award of Contract is solely at the discretion of the Board of Commissioners. The Contractor/Bidder acknowledges that there are no claims for delay or escalation costs for the time it takes to award the contract.

The Bidder hereby accepts the invitation of the Metropolitan Water Reclamation District of Greater Chicago to submit this Proposal with the understanding that it will not be cancelled or withdrawn. **The Bidder is required to state the legal name of their firm below and fill out the remaining information. Do not use abbreviated version to state your firm's name.** If your firm is a Corporation or a LLC your firm must be in good standing and authorized to transact business in the State of Illinois through the Secretary of States Office. Failure to do so may be cause to declare your bid non-responsive.

Dated this _____ day of _____ A.D. , 2017.

LEGAL NAME OF FIRM _____

SIGNATURE OF AUTHORIZED OFFICER _____

PRINT NAME OF OFFICER _____

TITLE OF OFFICER _____

ADDRESS _____

TELEPHONE _____ FAX _____

FEDERAL TAX IDENTIFICATION NUMBER _____

ATTEST:

_____(Seal)
(Signature of Secretary)

(Print Name)

ALL SIGNATURES SHALL BE IN WRITING AND NO PROPOSAL SHALL BE CONSIDERED UNLESS SO SIGNED. THE AFFIDAVIT ON THE FOLLOWING PAGE MUST BE FILLED OUT, SIGNED BY THE BIDDER AND PROPERLY NOTARIZED WHERE INDICATED.

Bidders shall acknowledge receipt of any addenda to this Proposal (a) by signing and returning the addenda with their proposal, or (b) by identifying the addenda numbers in the space provided below.

NOTE: By identifying the addenda numbers, the bidder acknowledges that they have taken into consideration all revisions contained in each addendum when preparing and submitting the Proposal. If bidding documents are available online, any addenda issued for this contract will be available online at the District's website, www.mwrd.org. Addenda will also be mailed, delivered, or faxed to each person receiving a set of the contract documents and to other prospective Bidders as shall have requested that they be furnished with a copy of the addenda.

Addendum No.(s) _____

**AGREEMENT
WITH
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
FOR
CHERRY CREEK EAST BRACH
FLOOD CONTROL PROJECT IN
FLOSSMOOR, IL
CONTRACT 10-883-CF**

This Agreement made and entered into this _____ day of _____ A.D., 201_, by and between the Metropolitan Water Reclamation District of Greater Chicago, a municipal corporation organized and existing under and by virtue of the laws of the State of Illinois, hereinafter designated the District, and _____ hereinafter designated the Contractor.

WITNESSETH: That the said Contractor has covenanted, contracted and agreed and by these presents does covenant, contract and agree with the said District, for and in consideration of the payments made as provided for herein, to the Contractor by the said District, and under the penalty expressed in the bond hereto attached, at his proper costs and expense to do all the work and furnish all materials, tools, plant, equipment, labor and all appliances and appurtenances called for by this Agreement (free from all claims, liens and charges whatsoever against monies due or to become due to the Contractor), in the manner and under the conditions hereinafter specified, that are necessary for the construction of or work required as specified in the contract documents, CHERRY CREEK EAST BRANCH FLOOD CONTROL PROJECT, CONTRACT 10-883-CF.

LOCATION

The site of the proposed work is on Cherry Creek East Branch on Governors Highway, Flossmoor, IL.

DESCRIPTION OF WORK

The work to be performed under this Contract consists of furnishing all materials, labor and equipment required for the following work and all work as shown on the Plans and specified herein:

1. Channel modifications to Cherry Creek East Branch including flood shelf storage and native vegetation.
2. Construction of relief channel.
3. Replacement of existing culverts and construction of new culverts and basin outlet control structure.
4. Placement of in-stream structures for pool and riffle sequencing.

CONTRACT DOCUMENTS

The Contract Documents consist of the following:

VOLUME 1 OF 3 – SIGNATURE BOOK

<u>TITLE</u>	<u>DATED</u>	<u>PAGES</u>
INVITATION TO BID	09/16	I-1 to I-6
MANDATORY TECHNICAL PRE-BID CONFERENCE CERTIFICATE	09/08	M-1
SITE VISIT RELEASE & INDEMNITY AGREEMENT	09/08	SV-1
BIDDING REQUIREMENTS AND INSTRUCTIONS TO BIDDERS	10/14	R-1 to R-6
COOK COUNTY PREVAILING WAGE FOR JULY, 2015		R-7 to R-15
AUTHORITY FOR ATTACHED PROPOSAL	01/09	AU-1
PROPOSAL	09/16	P-1X to P-10X
AFFIDAVIT	01/09	AF-1
AGREEMENT	09/16	A-1X to A-27X
CONTRACTOR'S BOND	01/09	B-1 to B-2
MULTI-PROJECT LABOR AGREEMENT WITH	07/98	1 to 6
MEMORANDUM OF UNDERSTANDING AND	07/02	7 to 8
CERTIFICATE OF COMPLIANCE	09/05	9 to 10
APPENDIX C – AFFIRMATIVE ACTION REQUIREMENTS	03/93	1 to 6
AFFIRMATIVE ACTION ORDINANCE REVISED APPENDIX D	06/15	D-1 to D-23
ASSIST AGENCY LIST	06/15	AA-1 to AA-2
MBE, WBE, SBE UTILIZATION PLAN, WAIVER REQUEST AND THE MBE, WBE, SBE SUBCONTRACTOR'S LETTER OF INTENT	06/15	UP-1 to UP-7
AGREEMENT		Contract 10-883-CF

APPENDIX K – DECLARATION OF POLICY,
SPECIAL; PROVISIONS FOR APPRENTICESHIPS

01/09

K-1 to K-5

EXHIBIT C – METROPOLITAN WATER RECLAMATION 07/13
DISTRICT OF GREATER CHICAGO CONTRACTOR
INFORMATION FORM

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PLANS

The work done and material furnished shall be strictly pursuant to and in conformity with the specifications and the following plans, which are signed, attached hereto and made a part of this Agreement, to wit:

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2	TS-001	SIGNATURE AND ENGINEER SEALS
3	TL -001	LIST OF CONTRACT PLANS
4	LP-001	VICINITY AND LOCATION MAPS
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24	C-117	STREAM IMPROVEMENT PLAN
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37	C-130	IDOT CATCH BASIN AND GRATE DETAIL
38	C-131	TYPICAL STREAM CROSS SECTIONS, STAKING PLAN AND EROSION CONTROL BLANKET INSTALLATION
39	C-132	IN-STREAM STRUCTURE INSTALLATION DETAILS
40	C-133	J-HOOK VANE STRUCTURE DETAILS
41	C-134	CONSTRUCTED RIFFLE DETAILS
42	C-135	SOIL ENCAPSULATED LIFT
43	C-136	DETENTION BASIN OUTLET STRUCTURE DETAIL AND SECTIONS
44	C-137	REINFORCED CONCRETE END SECTION DETAIL FOR 6'X3' BOX CULVERT
45	C-138	REINFORCED CONCRETE END SECTION DETAIL FOR 6'X4' BOX CULVERT
46	C-139	REINFORCED CONCRETE END SECTION DETAIL FOR DOUBLE 6'X3' BOX CULVERT
47	C-140	REINFORCED CONCRETE END SECTION DETAIL FOR 12'X4' BOX CULVERT
48	C-141	REINFORCED CONCRETE END SECTION DETAIL FOR 12'X4' BOX CULVERT
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NOTE: The scales appearing on the Contract Plans are those to which the original plans were drawn and are not correct for the reproduced plans forming the Contract set.

The above listed Contract Documents are attached hereto. If Contract Documents are downloaded from the District's website, or if Contract Documents are obtained directly from the Procurement and Materials Management Department, the Bidder is directed to return only Volume 1, which is the Signature Book for Submission of Bid, for this contract, properly completed with the required signatures, in time for the public bid opening date. All the covenants, terms and stipulations in these Contract Documents form the Contract and are hereby made a part thereof.

CONTRACT DOCUMENTS FURNISHED

Upon execution of the Contract Documents and approval of the Contractor's Bond, the Water Reclamation District will furnish to the Contractor, free of charge, five complete sets of specifications, one (1) set of full-size prints, and four (4) sets of planograph reproductions. The Contractor may request, free of charge up to ten additional sets of the specifications and planograph reproductions.

The Contractor may obtain, at his own cost, additional full-size prints of the Contract Plans by having an approved blueprint supplier pick up a CD containing TIFF images of the original drawings at the District's Engineering Department Vault, make the prints, and immediately return the CD to the Engineering Department Vault. Arrangements for this service shall be made by contacting the Vault personnel (312) 751-3159 at least 24 hours prior to the pick-up time of the drawings.

AS-BUILT DRAWINGS

The Contractor agrees to furnish to the District, upon completion of the work, one complete set of As-Built drawings.

All modifications to Contract drawings will be made using CAD, the data structure for layer assignments; the symbology of the drawing files; and the AutoCAD drawing format (.dwg) shall follow the District's CAD Standards and Design Conventions.

A copy of the Contract CAD files will be made available to the Contractor by the District Engineer. The Contractor shall make necessary additions and corrections to the CAD files to show the As-Built conditions.

The District will furnish upon request a CD-ROM containing blocks, font libraries and the standard border and title block.

Drawing sheets that have been modified shall have a modification cloud bubble placed around the area or item that has been modified with a revision triangle next to cloud bubble.

If supplementary drawings are necessary they must be produced using CAD, added to the set given a new number in sequence and have a modification cloud bubble placed around the sheet number. Adhere to the District's CAD Standards and Design Conventions.

The List of Contract Plan sheet(s) shall be adjusted to reflect any changes to CAD files used to create As-Built drawing files following District's CAD Standards and Design Conventions.

All drawing files changed by the Contractor to reflect As-Built conditions, shall be printed on paper and reviewed for accuracy by the Contractor and District's Resident Engineer. Once these drawings are approved by the District's Resident Engineer, the Contractor shall furnish to the District, a CD with one set of electronically stored As-Built drawings. The District will use the CD to plot/print full size reproducible vellums with opaque black ink.

After a full set of drawings are plotted/printed on reproducible vellum, arrangements shall be made for the Contractor and District's Resident Engineer to meet at the District's MOBA. For each drawing, a decal "BUILT AS SHOWN" (furnished by the District), shall be placed near the LOWER RIGHT hand side of title block or in the space provided on drawing sheet and shall be dated and signed as to its correctness by the Contractor and District's Resident Engineer.

The Contractor shall include in the appropriate pay items of this Contract, all engineering and drafting costs required to produce these As-Built Drawings.

Section 23 of the General Specifications

Modify as follows:

Add the following after the second paragraph: "Upon completion of the work under this Contract, the Contractor shall also furnish to the District one set of electronically stored As-Built drawings prepared in the current release of AutoCAD used by the District or the latest version of AutoCAD approved by the District. All work performed by the Contractor on the electronic drawing files shall conform to the District's CAD standards. A document consisting of the District's CAD Standards will be transmitted to the Contractor.

An electronic set of the Contract drawings will be made available to the Contractor by the Engineer on a CD, prepared in the current release of AutoCAD used by the District.

SUBLETTING WORK

The bid money value of all materials purchased directly by the Contractor, together with the bid money value of all work performed by personnel and facilities provided directly by the Contractor, shall be not less than 25% of the money value of all work performed under this Contract. Any bid money value of work performed by the sub-contractors, for work on the job site utilizing sub-contractors' materials, labor and facilities, cannot be included in the percent of work to be completed

by the Contractor. The Contractor shall comply with all requirements of Articles 19 and 20 of the General Conditions.

BOND(S)

The Contractor agrees to furnish a Contractor's Bond in the sum of one hundred (100%) percent of the amount of this Contract as security for the performance of the work under this Contract as required under Article 29 of the General Conditions.

RESTORATION WORK

The Contractor agrees to perform all restoration work as set forth in Section (16) of the General Specifications.

ACCESS TO JOB SITE AND SECURITY

The Contractor agrees to comply with all Security Requirements of the Water Reclamation District. The Contractor agrees to use the main construction entrance for transportation of any personnel equipment and material to and from job site.

Provisions to use any other access to the work site shall be subject to the approval of the Engineer and any additional costs involved in providing an alternative access shall be included in the lump sum price of the Contract.

ACCIDENT AND SAFETY REPORTS

The Contractor shall immediately report to the Engineer all accidents involving injury to personnel or damage to equipment and structures. A written report shall be submitted within 24 hours of the incident. In addition, the Contractor shall furnish to the Engineer a copy of all accident or health hazard reports prepared for (OSHA) or any other governmental agencies.

OPERATION OF THE EXISTING FACILITIES

The attention of the Contractor is called to the fact that the existing Homewood-Flossmoor High School and Calvary Assembly of God Church upon the site of which the work under this contract is located, will remain open while work under this contract is in progress. The shutdowns and scheduling requirements shall be as specified under the heading "TIME" below. The Contractor shall arrange his work and agrees to cooperate with the District so as not to interfere with the continuous operation of the facilities, except as otherwise definitely specified.

It should be further noted that the Contractor may have to cooperate with other construction projects which may be performed simultaneously with this project. The Contractor shall arrange his work and agrees to cooperate with the Water Reclamation District and any other contractor(s) to not interfere with any other construction projects at Homewood-Flossmoor High School or Calvary Assembly of God Church.

No shutdown of the Homewood-Flossmoor High School or Calvary Assembly of God Church will be allowed. Utility relocations or other activities which may interfere with the normal operation of

these facilities shall be scheduled with the Engineer not less than five calendar days in advance of that activity. The Contractor shall employ an adequate work force during said activity and shall make best efforts to complete the activity as quickly as possible. The Engineer shall be kept informed regarding the progress of said activity and shall be promptly notified upon its completion.

SOCIALLY AND ECONOMICALLY DISADVANTAGED INDIVIDUALS (MINORITY, WOMEN'S AND SMALL) PARTICIPATION

The Contractor agrees to comply with the requirements, goals, terms and conditions of the Affirmative Action Ordinance Revised Appendix D throughout the life of the Contract. The work under this Contract is classified as "General and Heavy Construction" for the MBE, WBE, SBE Utilization Goals contained in the Affirmative Action Ordinance Revised Appendix D. The associated goals are 20% Minority-owned Business Enterprises MBE, 10% Women-owned Business Enterprises WBE, and 10% Small Business Enterprises SBE.

1.) The bidder shall submit with the Proposal a signed and completed **MBE, WBE, SBE Utilization Plan** which lists each business intended to be used as a MBE, WBE, SBE on pages UP-2, UP-3 and UP-4 and supplementary pages as necessary. **The Bidder must sign the Signature Section page UP-5.** Failure to submit a signed MBE, WBE, SBE Utilization Plan will result in a bid being deemed non-responsive and the bid will be rejected. Also, if a Waiver is sought, the Bidder is required to sign pages UP-5 and UP-6, the Waiver Request Form; failure to do so will be viewed as non-responsive and the bid will be rejected.

2.) Each Bidder must submit **with their bid package** an original or facsimile copy of **MBE, WBE, SBE Subcontractor's Letter of Intent, Page UP-7** for each subcontractor listed on their MBE, WBE, SBE Utilization Plan. The submitted MBE, WBE, SBE Utilization Plan must be completed and signed by the subcontractor and accompanied with a copy of the subcontractor's current Letter of Certification from a state, local government or agency or documentation demonstrating that the subcontractor is a MBE, WBE, or SBE within the meaning of the **Affirmative Action Ordinance Revised Appendix D**. Failure to submit the MBE, WBE, SBE Utilization Plan signed by the Bidder at the time of the bid opening and the MBE, WBE, SBE Subcontractor's Letter of Intent signed by each MBE, WBE, SBE will be viewed as non-responsive and the bid will be rejected.

3.) If the Bidder exceeds the allowable **Supplier Utilization** amount which is stated in the bid documents, the bid will be viewed as non-responsive. Therefore, the Bidder may not exceed the use of a MBE, WBE, SBE supplier for more than 25% of each of the respective MBE, WBE, SBE goal, unless the Director of Procurement and Materials Management has authorized a Supplier's Exception notated on page AU-1.

AFFIRMATIVE ACTION PROGRAM

The Contractor agrees that if this Proposal exceeds Ten Thousand Dollars (\$10,000.00), he shall comply with the requirements, terms and conditions of Appendix C of the Contract Documents in reference to an Affirmative Action Program and shall satisfactorily maintain this program throughout the life of the Contract.

The Contractor agrees to fulfill the Special Training Program Provisions for Apprentices as specified in the Appendix K and to provide training opportunities throughout the life of the contract. The

requirements of the Special Provisions for Apprentices are 350 Minority and 130 Female hours for the purpose of this contract.

The Contractor agrees that in the event of failure to comply with all requirements listed above and in APPENDIX C, the District may withhold 50 percent of the current progress payment due the Contractor. The Contractor also agrees that following the withholding of 50 percent of the current progress payment, no further progress payments will be made until the Contractor is in compliance with the above requirements.

TIME

It is understood that the Contractor shall complete all of the work required under this Contract within 1460 calendar days after approval of the Contractor's Bond.

The Contractor expressly stipulates and agrees that the progress of the work will be verified by a Critical Path Method (CPM) Schedule, acceptable to the Water Reclamation District as set forth in Article 23 of the General Conditions.

No claims, damages, or impact costs shall accrue to the Contractor by the failure to achieve either substantial completion or completion of all work prior to the time specified herein, irrespective of any time(s) indicated on his short bar chart schedule for said completion(s).

All contract work, including successful completion of the 60 day performance tests for all equipment, punch list items, and final clean-up, shall be completed within 1460 calendar days after approval of the Contractor's Bond. To prevent all disputes and litigation concerning the actual date of completion, it is further agreed by and between the Water Reclamation District and the Contractor, that the Engineer shall in all cases decide every question which may arise relative to the completion of the work under this Contract and his decision shall be final and conclusive on both parties hereto and such decisions, in case any questions may arise, shall be a condition precedent to the right of the Contractor to receive any money or compensation.

LIQUIDATED DAMAGES

The Contractor agrees to pay the Water Reclamation District as liquidated damages, in accordance with Article 24 of the General Conditions, the sum of One Thousand Dollars (\$1,000.00) for each calendar day that he is in default of the time specified above by failing to achieve substantial completion, as defined in Section 1 of the General Specifications.

Further, upon achieving substantial completion, the Contractor agrees to pay to the Water Reclamation District as liquidated damages, in accordance with Article 24 of the General Conditions, the sum of Two Hundred Dollars (\$200.00) for each calendar day that he is in default of the time specified above by failing to complete the entire work, including successful completion of the 60-day performance tests, all punch list items and final clean-up.

The Contractor agrees to pay to the Water Reclamation District as liquidated damages, in accordance with Article 24 of the General Conditions, the sum of Fifty Dollars (\$50.00) for each calendar day that he is in default of the time specified in Article 23 of the General Conditions for submission of a responsive Monthly Work Plan, not to exceed Five Hundred Dollars (\$500.00) per occurrence.

The Contractor agrees to pay to the Water Reclamation District as liquidated damages, in accordance with Article 24 of the General Conditions, the sum of One Hundred Dollars (\$100.00) for each calendar day that he is in default of the time indicated for the submission of the "As-Planned" (Rev. 0) Work Schedule and responsive quarterly revisions to the Work Schedule per Article 23, not to exceed One Thousand Five Hundred Dollars (\$1,500.00) per occurrence.

Submittals must be complete; no partial submittals will be reviewed. The Contractor agrees to pay the Water Reclamation District as liquidated damages, the sum of One Hundred Twenty Five Dollars (\$125.00) for each man-hour of additional submittal review work incurred by the District (including District's agent) beyond the maximum three (3) submittal reviews. Partial Contractor submittals that are returned by the District un-reviewed shall count as one of the three (maximum) review iterations. The determination, tally of incurred review man-hours, and assessment of Liquidated Damages shall be made by the Engineer and communicated to the Contractor via file letter correspondence.

The Contractor shall have thirty (30) calendar days after the date of the issuance of a file letter advising the Contractor of the assessment of liquidated damages to object, in writing, to the liquidated damages. The objection shall include all written documentation in support of the Contractor's claim. Failure to file said written objection to the assessment of liquidated damages within 30 days of the notice shall be deemed agreement to the assessment and waiver of a right to appeal.

ADDITIVITY OF LIQUIDATED DAMAGES

Each of the liquidated damages described above shall be considered independent and separate from other liquidated damages and shall operate separately. The different classes of liquidated damages are additive (except for punch list work) and therefore the total amount of damages to be paid by the Contractor may exceed the limits established for any single class of liquidated damages.

MULTI-PROJECT LABOR AGREEMENT

The Contractor agrees to comply with the terms and conditions of the District's Multi-Project Labor Agreement, which is a part of the Contract.

ILLINOIS PREVAILING WAGE ACT

All Contractors/Subcontractors must comply with the Illinois Prevailing Wage Act (the Act), 820 ILCS 130. A list of prevailing wage rates for Cook County and/or Fulton County, as determined by the Illinois Department of Labor, is included in the Bidding Requirements. It is the responsibility of the Contractor to obtain and comply with any revisions to the rates should they change during the duration of the Contract.

All laborers, mechanics and other workers employed or working under the Contract must be paid not less than the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed. The District requires that any class of laborer, mechanic or other worker not listed in the wage determination and which is employed under the Contract, must be classified in conformance with the wage determination.

Additionally, all Contractors/Subcontractors must comply with Section 5 of the Act, as revised January 1, 2014, which requires that all Contractors/Subcontractors participating in public works for a public body keep certified payrolls. The Act requires that the Contractor/Subcontractor maintain these certified payrolls as a business record for a minimum of five (5) years from the date of last payment on the Contract.

With each invoice for payment the Contractor/Subcontractor must submit the following forms: Certified Transcript of Payroll (timesheet); Certified Transcript of Payroll – Freedom of Information Act (timesheet); Certified transcript of Payroll (affidavit, fringes, and subcontractors); and Certification Form. These forms must be submitted for all laborers, mechanics or other workers employed under the Contract. These forms are included on the last five (5) pages of the Agreement of the Contract. All forms submitted must be completely filled out, signed and certified as correct. These forms, with the exception of the Certified Transcript of Payroll – Freedom of Information Act form, are the same forms that must be maintained for a minimum of five (5) years from the date of last payment, pursuant to the revised statute.

CASH FLOW ESTIMATE SCHEDULE

With each invoice for payment, the Contractor shall submit an estimate of all future monthly progress payment amounts anticipated for the duration of the contract. This estimate is a required portion of all payment request submittals, and no payment request will be considered complete without such an estimate. The Contractor's estimate will not be binding upon his or her actual future progress payment request, but will be used solely by the District to estimate monthly disbursements and cash flow requirements.”

INSURANCE

The Contractor shall maintain and keep in force the insurance specified in Division 1 of the Detailed Specifications.

PROGRESS ESTIMATES AND PAYMENT

Payment for the work to be performed under this Contract is to be made from the proceeds from the capital improvements bonds or bond anticipation notes issued or to be issued by and from the Capital Improvements Bond Fund of the Water Reclamation District of Greater Chicago.

The Water Reclamation District agrees to make progress payment to the Contractor, in accordance with Articles 32 and 33 of the General Conditions.

Final payment will be made in accordance with Article 35 of the General Conditions.

INDEMNIFICATION

The Contractor agrees to defend, indemnify and hold harmless the Water Reclamation District , its Commissioners, officers, agents and employees from and against any and all action, suit, claims, costs, settlements, debts, damages, liabilities, obligations, losses, judgements, demands and expenses (including General Counsel fees on account thereof) of whatever kind or nature resulting from the failure of the Contractor, its agents or employees to perform any of their obligations under

this agreement or from fraud, willful misconduct, negligent act, error or omission or intentional disregard by them. This provision survives the termination of the Contract.

CHOICE OF LAWS

The parties agree that this Agreement (Contract), and any subsequent extensions, addenda or modifications, is governed by, and construed in accordance with the laws of the State of Illinois in all respects, including matters of construction, validity and performance. The parties further agree that the proper venue to resolve any dispute which may arise out of this Agreement (Contract) is the appropriate Court of competent jurisdiction located in Cook County, Illinois.

COMPLIANCE WITH APPLICABLE LAWS, ORDINANCES AND REGULATIONS

All work to be performed by the Contractor's employees in fulfillment of this Agreement shall comply with all applicable federal, state, and local laws. Further, all work is to be performed in compliance with all applicable ordinances and regulations of the District unless a specific exemption is provided, in writing, by the District. A violation of any applicable federal, state, or local law of District ordinance or regulation by the Contractor may be deemed a material breach of this contract at the sole discretion of the District.

The Contractor expressly agrees to execute any and all permits or bonds required by the State of Illinois or by any other municipality, municipal corporation, or by any other agency on the same date the Contractor's Bond of this Contract is executed or as soon as practicable thereafter.

SEVERABILITY

If any provision of this Contract is or becomes invalid or unenforceable in whole or in part because the provision is contrary to law or against public policy or for any other reason, the provision will be enforced to the extent that it is valid and enforceable. The validity and enforceability of the remaining provisions of the contract is unaffected.

ENTIRE AGREEMENT

This Contract including any attachments, riders, and contract plans constitute the entire agreement between the Contractor and Water Reclamation District with respect to the subject matter thereof, and it supersedes any other agreement, oral or written, between the Contractor and the District.

PRICES

The Contractor agrees to accept, and the Water Reclamation District agrees to pay, in accordance with Article 31 of the General Conditions, the following prices as full compensation for furnishing all the labor, tools, materials and appurtenances necessary to complete all the work specified in this Contract, also for all loss or damage arising out of the nature of the work or from the action of the elements, or from any unforeseen obstructions or difficulties encountered in the prosecution of the same; and for all risks of every description connected with the work; and for well and faithfully completing the entire work, free of all claims, liens and charges whatsoever and in full compliance with the specifications and the requirements of the Engineer, complete under them, to wit:

THE LUMP SUM PRICES:

COST PROPOSAL A:

For the construction of all work required to complete the entire project, as shown in the plans and specifications, with the exception of Governors Highway right-of-way work described in Cost Proposal B and allowance item work described in Cost Proposal C and Cost Proposal D, for the Lump Sum price of:

_____ Dollars
 (Written in Words Amount)

_____ Dollars
 (Written in Words Amount)

and _____ Cents (\$ _____).
 (Written in Words Amount) (Written in Figures Amount)

COST PROPOSAL B:

Construction of all work shown on the plans and specifications within the Illinois Department Transportation's Governors Highway right-of-way except any electric line relocation detailed in Cost Proposal D. Work includes but may not be limited to:

Construction of all work shown on the plans and specifications within IDOT Governors Highway Right-Of-Way including:

1. Removal of existing 5'x3' box culvert and installation of new 6'x4' culvert (Structure 6), two cast-in-place end sections, Inlet No. 1, and 15" RCP connection to end section
2. Removal of existing 53"x34" elliptical culvert and installation of 8'x4' culvert (Structure 5) and two cast-in-place end sections
3. Installation of 12'x4' culvert (Structure 3) and two cast-in-place end sections
4. Removal of existing manhole and installation of new 9' diameter Manhole No. 4
5. All maintenance of traffic, guardrail, pavement restoration and landscaping

For the Lump Sum Price of:

_____ Dollars
 (Written in Words Amount)

_____ Dollars
 (Written in Words Amount)

and _____ Cents (\$ _____).
 (Written in Figures Amount)

ALLOWANCE ITEMS

COST PROPOSAL C:

Allowance Item for Construction or Demolition Debris & Soil that is contaminated.

The Contractor shall include an allowance amount in his bid for incremental costs for the removal, handling and legal offsite disposal of any construction or demolition debris and surplus soil that is considered contaminated (hazardous waste or non-hazardous special waste). See Specification Section 02 22 20 for additional information. To be qualified for payment under this item, this work will have to be performed during the contract period, and shall exclude the cost of abatement of contaminated materials that is identified as part of the lump sum work, elsewhere in the contract documents. Upon determining that a certain extent of the construction demolition debris and surplus soil is contaminated, the Contractor shall estimate the scope of work and submit a written scope for the additional work required, price proposal, and supporting documentation to the District for review and approval. The written scope and price proposal shall include a detailed description of the type and extent of additional work to be performed for the removal, handling and legal offsite disposal of contaminated material, including a detailed cost breakdown showing all material, labor and equipment costs. The Contractor shall also submit supporting documentation, including test data, to wholly support his claim (s). The price proposal (s) shall be in accordance with Articles 7 and 8 of the General Conditions of the contract.

Costs of testing all material generated on the project to establish that it is clean or uncontaminated shall be considered part of the lump sum price, and not part of this allowance item except as follows. If, after initial testing, any material tests positive for contamination, the costs of any additional testing that may be mandated to further categorize the material into various classifications of contaminated or special wastes for handling, removal and disposal purposes, may be considered for payment under this allowance item, by the District.

The District will review the report (s), price proposal (s), and supporting documentation to verify the accuracy and completeness of the information, and to verify that the price proposal (s) is (are) fair and reasonable for the scope of work performed. During the performance of the work, the District's Resident Engineer shall be kept apprised of the work schedule at all times, and the Contractor shall maintain a daily record of time, material and equipment utilized to perform the work, which shall be signed by the District's Resident Engineer. The cumulative price for the work performed under this Allowance Item shall not exceed the amount indicated below for Cost Proposal C. The actual cost of the work may be less or more than indicated. It is also possible that this work may not be required, in which case the amount to be paid under this Allowance Item shall be zero. Actual payments to be made to the Contractor shall be based solely on the amount approved by the District. The District makes no guarantee that any work will be required under this Allowance Item.

In the event that the actual price for additional work to be performed for the removal, handling and legal offsite disposal of contaminated material exceeds the amount in this Allowance Item, the Contractor agrees to provide the extra work required due to the presence of contaminated material as change order work. In this case, a supplemental report (s), price proposal (s), and

supporting documentation shall be submitted to the District for review and approval. The Contractor shall prepare the price proposal (s) in accordance with Articles 7 and 8 of the General Conditions of the Contract.

Furnish all labor, supervision, equipment, materials, and incidentals required for the incremental work associated with the removal, handling and disposal of contaminated (hazardous waste or non-hazardous special waste) material, as specified in the detail specification and as directed by the Engineer, for an allowance amount not to exceed:

FORTY THOUSAND Dollars and ZERO Cents
(Written in Words Amount) (Written in Words Amount)

(\$ 40,000.00) (Dollar Value to be established based on project scope)
(Written in Figures Amount)

COST PROPOSAL D:

During the course of the work, the Contractor shall arrange for the Electric Utility (Commonwealth Edison – ComEd) to provide a relocation of the electric line crossing the new bypass channel. Since it may not be possible for the bidder to obtain an actual quote from ComEd for this work prior to submitting bids, payment for the electric utility charges for this work shall be made under this allowance item.

This allowance specifically excludes the relocation of Homewood-Flossmoor High School’s electric line from the school back out to the light pole along Governors Highway.

The Contractor is responsible for contacting ComEd to obtain a quote for the specified work via a service agreement. The Contractor shall submit the service agreement to the Engineer for appropriate signature. Payment will be made to the Contractor for the value of ComEd’s service agreement, without mark-up of any kind, under this Allowance item. The Contractor may not add this item to his monthly pay request until this allowance item is approved by the Engineer. The contractor is advised that ComEd will require payment before scheduling and starting the specified work. The Contractor is further advised that the process for payment under this Allowance item will require several weeks to complete and that the Contractor must take this into account when scheduling work.

Payment for actual ComEd Electric utility charges for all labor, supervision, equipment and materials required to provide relocation of electric distribution system, as defined above, and as directed by the Engineer, for an allowance amount not to exceed:

THIRTY THOUSAND Dollars and ZERO Cents
(Written in Words Amount) (Written in Words Amount)

(\$ 30,000.00) (Dollar Value to be established based on project scope)
(Written in Figures Amount)

THE TOTAL BID PRICE

THE SUM OF COST PROPOSAL A, COST PROPOSAL B, \$40,000 FOR COST PROPOSAL C, AND \$30,000 FOR COST PROPOSAL D EQUALS (The Lump Sum Price of Cost Proposal A plus the Lump Sum price of Cost Proposal B plus the amount of Cost Proposal C plus the amount of Cost Proposal D):

(Written in Words Amount)

(Written in Words Amount) Dollars

and _____ Cents, (_____
(Written in Words Amount) (Written in Figures Amount)

In any event where there is a discrepancy between the “Written in Words” and “Written in Figures” amount, the “Written in Words” amount shall govern.

INTENT OF THE CONTRACT DOCUMENTS

The specifications and plans are intended to be complementary and any work appearing upon the plans and omitted in the specifications, or mentioned in the specifications and omitted upon the plans, shall be executed according to the true intent and meaning of said specifications and plans, the same as though the said work was contained in each.

In the event that any of the provisions of the Contract Documents conflict with one another, the contract document hierarchy as listed in the Special Provisions shall govern.

AGREEMENT BINDING

This Agreement shall be binding upon the successors, heirs, legal representatives, administrators and executors of the Contractor.

The undersigned agrees that this Agreement shall not be construed as, nor is it the intent of any of the parties hereto, to give any benefits, rights, privileges, actions or remedies to any person, partnership or corporation other than the Contractor and the Water Reclamation District, under a third party beneficiary theory or otherwise.

TIME IS OF THE ESSENCE

It is understood and agreed that TIME IS OF THE ESSENCE of this Contract, and the CONTRACTOR agrees to make reasonable efforts to prosecute and complete the work within the time limits specified, and in compliance with other requests that the District may reasonably make excepting when occurrences of acts of God, strikes, insurrection and delays caused by others extend those limits.

The Contractor agrees that no changes or claims for damages shall be made by him for any delays or hindrances from any cause whatsoever during the progress of any portion of the services herein specified.

CITIZENSHIP

Pursuant to Illinois statute, 70 ILCS 2605/11.15, no person shall be employed upon contracts for work to be done by the District unless he/she is a citizen of the United States, a national of the United States under Section 1401 of Title 8 of the United States Code, an alien lawfully admitted for permanent residence under Section 1101 of Title 8 of the United States Code, an individual who has been granted asylum under Section 1158 of Title 8 of the United States Code, or an individual who is otherwise legally authorized to work in the United States.

HOMEWOOD-FLOSSMOOR HIGH SCHOOL DISTRICT 233 REQUIREMENTS

Portions of the Work will be constructed on lands owned by Homewood-Flossmoor High School District 233. Prior to starting work and in accordance with the mobilization requirements in the Proposal, the Contractor shall execute the certifications included in Specification Section 01 11 50.

IN WITNESS WHEREOF, on the ____ day of _____, 201__, the Metropolitan Water Reclamation District of Greater Chicago, and the Contractor, have executed this Agreement, Contract No. 10-883-CF, in triplicate, each by their duly authorized officers or representatives.

Metropolitan Water Reclamation District of Greater Chicago

By _____

Chairman of the Committee on Finance

Executive Director

Director of Procurement and Material Management

Attest:

_____(Seal)
Clerk of the District

Name of Company

By _____

President *

(Print Name and Title)

Attest:

_____(Seal)
Secretary *

***NOTE* If the contract is executed by someone other than the President and Secretary, a corporate resolution must be attached in duplicate authorizing execution by the designated parties.**

APPROVED AS TO ENGINEERING:

Assistant Director of Engineering

Director of Engineering

APPROVED AS TO FORM AND LEGALITY:

Head Assistant Attorney

General Counsel

**INSTRUCTIONS FOR COMPLETING IDOL'S CERTIFIED TRANSCRIPT OF PAYROLL FORM.
THIS FORM MUST BE COMPLETED AND SUBMITTED FOR ALL WORK ON PROJECTS
COVERED BY THE PREVAILING WAGE ACT.**

1. Complete all items contained on the form pertaining to the project.
2. Please note that pertinent information is required on the second sheet including the full legal and correct name of the contractor/subcontractor as well as fringe benefit information where contributions are not made to a fringe benefit fund that is jointly administered by one or more employers or one or more labor organizations in accordance with the federal Labor Management Relations Act. It is **IMPERATIVE** that the **AFFIDAVIT** information on page 2 be completed in its **ENTIRETY** including **SIGNATURE**. The second sheet including affidavit must accompany every certified transcript of payroll.
3. Please note that **ALL** hours worked during the week (**Prevailing Wage "PW"** and **Non Prevailing Wage "N"**) have to be recorded.
4. If a contractor pays into a fringe benefit fund for such fringe benefits as health insurance, pension, 401(k), and/or vacation fund, for which the contractor/subcontractor wants to take credit and the fund is jointly administered by one or more employers or one or more labor organizations in accordance with the federal Labor Management Relations Act, place the letter **"F"** behind the hourly rate. If contributions for fringe benefits for which you seek credit are not paid to a fringe benefit fund that is jointly administered by one or more employers or one or more labor organizations in accordance with the federal Labor Management Relations Act, then 1) the name and address of the benefit fund, 2) the plan sponsor of each benefit if applicable, and 3) the plan administrator of each benefit must be included on the certified transcript of payroll in the place indicated on page 2.
5. If a contractor/subcontractor wants to take credit for contributions for fringe benefits and contributions are not made on a per hour worked basis for all hours worked, then the contractor must convert the rate of contribution to an annualized per hour rate for purpose of reporting. The annualized rate is calculated by dividing the total amount of contributions by the total hours worked (including all hours worked both prevailing and non prevailing wage work) during the twelve month period ending with the month preceding the month in which the work was performed for which the certified transcript of payroll is being completed. If employees make co-payments for benefits, the contractor/subcontractor's contributions cannot include the employee co-pays in the calculation. The only amount that may be included in the calculation of the contractor's contributions is the net amount (amount of contractor contribution not including employee co-pays).
6. Credit for fringe benefits cannot exceed the sum of the hourly rate of all the fringe benefits set forth in the schedule for the appropriate classification and amounts in excess of the total cannot be used as an off-set to the required amount to be paid in wages.
7. Contributions for training may only be credited where the contributions are made to apprenticeship and training programs approved by the U.S. Department of Labor, Bureau of Apprenticeship and Training. An apprentice rate where applicable may only be paid for those persons in programs approved by the U.S. Department of Labor, Bureau of Apprenticeship and Training.
8. The items requested under the heading, "Contract Information", help to correctly identify the project. If a Contract or Project Number is not known please do your best to secure the information. The information requested for "Project" and "Project Location" should always be completed.
9. No later than the 15th of each calendar month following a month in which construction on the project has occurred, a contractor/subcontractor must file a certified payroll with the public body in charge of the project.
10. The contractor/subcontractor must maintain the original copies of all Prevailing Wage and Non-Prevailing Wage time and payroll records required under the Prevailing Wage Act and which will verify the information contained in this form for a period of five years.

You are invited to visit IDOL'S web site at <http://labor.illinois.gov> for more detailed information regarding application of the Prevailing Wage Act.

PLEASE NOTE: THE SUBMISSION OF FALSIFIED CERTIFIED TRANSCRIPT OF PAYROLL IS A CRIMINAL OFFENSE. IN ADDITION FILING A FALSIFIED CERTIFIED PAYROLL CONSTITUTES A VIOLATION OF THE PREVAILING WAGE ACT AND THE SUBMISSION OF FALSE RECORDS AND/OR THE FAILURE TO MAINTAIN THE RECORDS REQUIRED UNDER THE ACT CAN RESULT IN A NOTICE OF VIOLATION AND SUBSEQUENT DEBARMENT ON ALL PUBLIC WORKS FOR A PERIOD OF UP TO FOUR YEARS.



Certified Transcript of Payroll

IDOL Case File Number: _____ Payroll Start: _____

Payroll End: _____

Contractor and/or Subcontractor

Public Body Information

(Contract Number)

(Project Number)

(Project Location)

(Company Name) _____	(Contact Name) _____
(Street Address) _____	(City) _____
(State) _____ (Zipcode) _____	(Telephone Number) _____

(Public Body Name) _____	(Contact Name) _____
(Street Address) _____	(City) _____
(State) _____ (Zipcode) _____	(Telephone Number) _____

Report Hours for Each Day, Including Overtime Hours, List Hourly Prevailing Wage Rate and Hourly Fringe Benefits Allotments.

Worker Name, Address Last Four of SSN & Telephone Number	PW	* Hours worked each day							Total Straight Time Hours	Total OT Hours	Hourly Wage Rate	OT Wage Rate	Per Pay Period	
		SUN	MON	TUE	WED	THR	FRI	SAT					Gross	Net
	N													
Labor Classification _____		Hourly Fringe Benefit: Pension: _____ Health/Welfare: _____ Vacation: _____ Training: _____												
	N													
Labor Classification _____		Hourly Fringe Benefit: Pension: _____ Health/Welfare: _____ Vacation: _____ Training: _____												
	N													
Labor Classification _____		Hourly Fringe Benefit: Pension: _____ Health/Welfare: _____ Vacation: _____ Training: _____												

Please place an "F" by the hourly rate for fringe benefits paid to a Fund jointly managed by one or more labor organizations or employers in accordance with the federal Labor Management Relations Act (See instruction 4 for completing this form). In addition contractors/subcontractors who do not make contributions for covered fringe benefits to a fringe benefit fund that is jointly managed and jointly governed by one or more labor organizations or employers in accordance with the federal Labor Management Relations Act must provide the additional information set forth on the form on page 2 (see Instruction 5). Contractors/subcontractors who do not make contributions for fringe benefits on a per hour basis for each hour worked must convert such contributions to an annualized per hour basis for purpose of reporting on this form in accordance with instruction 5. You must keep original records showing start and end time each day.

***PW - Prevailing Hours Worked *N - Non Prevailing Hours Worked**



Certified Transcript of Payroll

AFFIDAVIT

Weekly Statement of Compliance

Date: _____

I, _____,
(name signatory party)
_____, do
(Title)

hereby state: that I pay or supervise the payment
of the persons employed on the public works
project _____;

(name of project)
that during the payroll period commencing on the
_____ day of _____,
(day) (month) (year)

all persons employed on said project have been
paid the full weekly wages earned, that no
rebates have been or will be made either directly
or indirectly to or on behalf of said

(name of contractor or subcontractor)
from the full weekly wages earned by any person,
and that no deductions have been made either
directly or indirectly from the full weekly wages
earned by any persons, other than permissible
deductions as defined by Federal and/or State
Law. I further certify that this payroll is correct
and complete; that the wage rates contained
therein are not less than the actual rates herein
stated and that the classification set forth for each
laborers or mechanic conform to the work he/she
performed.

Signature

Digital Signature _____

FRINGES

Health Fund _____
Health Address _____
Health Sponsor _____
Health Admin _____

Pension Fund _____
Pension Address _____
Pension Sponsor _____
Pension Admin _____

401(k) Fund _____
401(k) Address _____
401(k) Sponsor _____
401(k) Admin _____

Vacation Fund _____
Vacation Address _____
Vacation Sponsor _____
Vacation Admin _____

SUBCONTRACTORS

Attach explanation of Monies paid, copy of contract
of billing, or other pertinent information.

Company Name: _____
Contact Person: _____

(Address)

(City) (State) (zipcode)

Telephone Number: _____

Company Name: _____
Contact Person: _____

(Address)

(City) (State) (zipcode)

Telephone Number: _____

Company Name: _____
Contact Person: _____

(Address)

(City) (State) (zipcode)

Telephone Number: _____

Company Name: _____
Contact Person: _____

(Address)

(City) (State) (zipcode)

Telephone Number: _____

A-26X
Certified Transcript of Payroll - Freedom of Information Act

IDOL Case File Number: _____

Payroll Start: _____

Payroll End: _____

Contractor and/or Subcontractor

Public Body Information

_____ (Contract Number)	_____ (Company Name)	_____ (Contact Name)	_____ (Public Body Name)	_____ (Contact Name)
_____ (Project Number)	_____ (Street Address)	_____ (City)	_____ (Street Address)	_____ (City)
_____ (Project Location)	_____ (State)	_____ (Zipcode)	_____ (Telephone Number)	_____ (State)
	_____ (Telephone Number)		_____ (Telephone Number)	

Report Hours for Each Day, Including Overtime Hours, List Hourly Prevailing Wage Rate and Hourly Fringe Benefits Allotments.

Worker Name	PW	* Hours worked each day							Total Straight Time Hours	Total OT Hours	Hourly Wage Rate	OT Wage Rate	Per Pay Period	
		SUN	MON	TUE	WED	THR	FRI	SAT					Gross	Net

	N													
Labor Classification	Hourly Fringe Benefit: <input type="text"/> Pension: <input type="text"/> Health/Welfare: <input type="text"/> Vacation: <input type="text"/> Training: <input type="text"/>													

	N													
Labor Classification	Hourly Fringe Benefit: <input type="text"/> Pension: <input type="text"/> Health/Welfare: <input type="text"/> Vacation: <input type="text"/> Training: <input type="text"/>													

	N													
Labor Classification	Hourly Fringe Benefit: <input type="text"/> Pension: <input type="text"/> Health/Welfare: <input type="text"/> Vacation: <input type="text"/> Training: <input type="text"/>													

Please place an "F" by the hourly rate for fringe benefits paid to a Fund jointly managed by one or more labor organizations or employers in accordance with the federal Labor Management Relations Act (See instruction 4 for completing this form). In addition contractors/subcontractors who do not make contributions for covered fringe benefits to a fringe benefit fund that is jointly managed and jointly governed by one or more labor organizations or employers in accordance with the federal Labor Management Relations Act must provide the additional information set forth on the form on page 2 (see Instruction 5). Contractors/subcontractors who do not make contributions for fringe benefits on a per hour basis for each hour worked must convert such contributions to an annualized per hour basis for purpose of reporting on this form in accordance with instruction 5. You must keep original records showing start and end time each day.

***PW - Prevailing Hours Worked *N - Non Prevailing Hours Worked**

CERTIFICATION FORM

The undersigned as the duly authorized representative of _____

the (contractor/sub-contractor) under MWRD Contract No. _____, and pursuant to the Illinois Prevailing Wage Act, hereby submits the attached monthly certified payroll and certifies that:

1. Such records are true and accurate:
2. The hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by this Act; and
3. The contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class A misdemeanor.

Company
Name _____

By: _____
(Signature of Authorized Officer)

(Print Name of Officer)

(Title of Officer)

Address _____

Telephone _____ Fax _____

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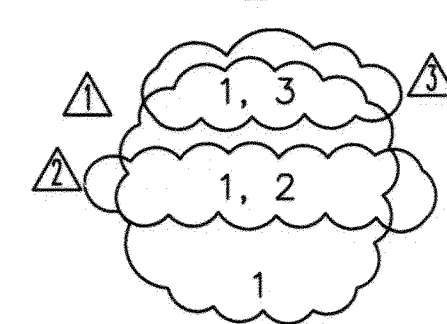
NOTE:
 THE SCALES WHICH MAY APPEAR ON SOME OF THE CONTRACT PLANS ARE THOSE TO WHICH THE ORIGINAL, FULL SIZE PLANS WERE DRAWN. THEY ARE NOT CORRECT FOR REDUCED-SIZE PLANS. REDUCED CONTRACT PLANS SHOULD NOT BE SCALED FOR DIMENSIONS. TO SCALE DIMENSIONS USE GRAPHIC SCALES WHERE THEY APPEAR ON THE PLANS.

Contract 10-883-CF

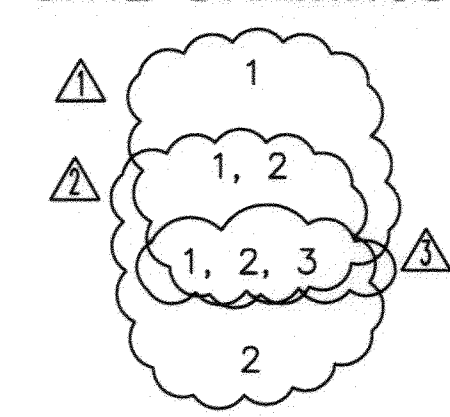
List of Contract Plans

Rev.	Description	Appr.	Date
▲	Addendum No. 1	AK	10/24/16
▲	Addendum No. 2	AK	11/14/16
▲	Addendum No. 3	AK	12/6/16

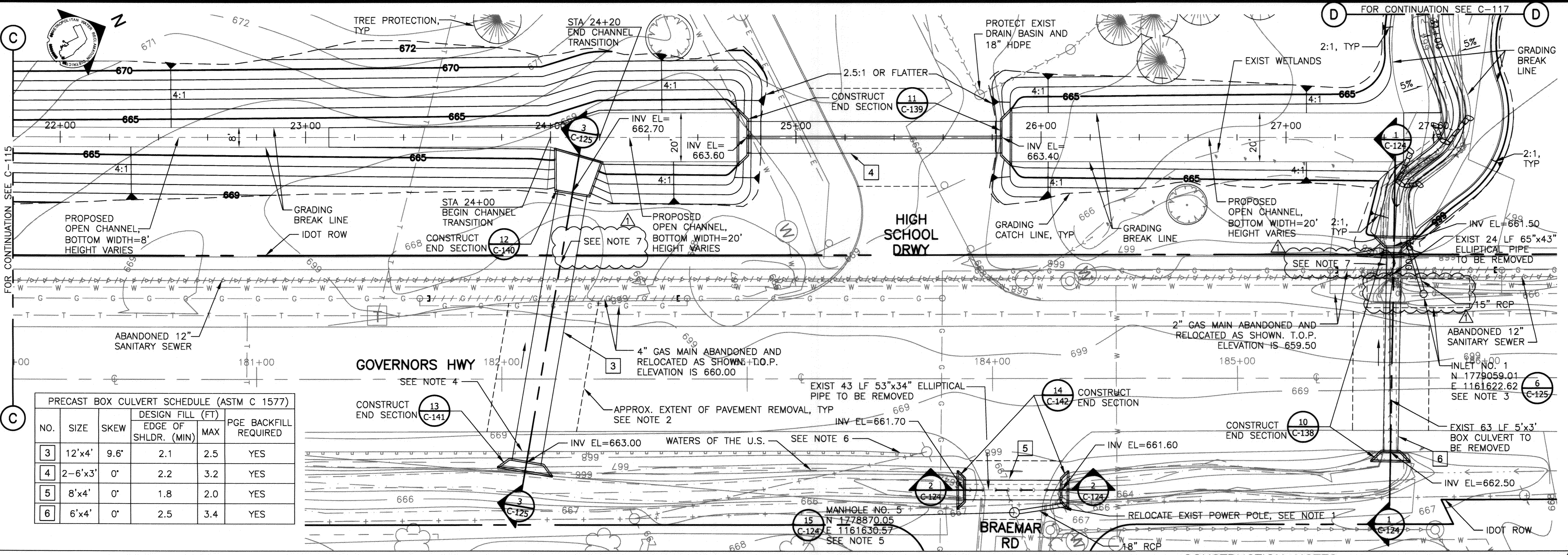
PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
GENERAL DRAWINGS			
1	TC-001	-	COVER SHEET
2	TS-001	-	SIGNATURE AND ENGINEER SEALS
3	TL-001	-	LIST OF CONTRACT PLANS
4	LP-001	-	VICINITY AND LOCATION MAPS
5	G-001	-	GENERAL SYMBOLS AND LEGEND
6	G-002	-	ABBREVIATIONS
7	G-003	-	GENERAL SITE LEGEND
CIVIL DRAWINGS			
8	C-101	-	OVERALL SITE PLAN
9	C-102	-	HORIZONTAL AND VERTICAL CONTROL POINTS
10	C-103	-	EXISTING TOPOGRAPHY AND UTILITIES PLAN
11	C-104	-	EXISTING TOPOGRAPHY AND UTILITIES PLAN
12	C-105	-	EXISTING TOPOGRAPHY AND UTILITIES PLAN
13	C-106	-	EXISTING TOPOGRAPHY AND UTILITIES PLAN
14	C-107	-	INITIAL SITE CONTROLS, WORKING LIMITS, CONSTRUCTION ACCESS AND STAGING AREAS
15	C-108	-	TRAFFIC CONTROL PLAN
16	C-109	-	EASEMENT AND PROPERTY PLAN
17	C-110	-	EASEMENT AND PROPERTY PLAN
18	C-111	-	EASEMENT AND PROPERTY PLAN
19	C-112	-	EASEMENT AND PROPERTY PLAN
20	C-113	-	DEED RESTRICTION AREA
21	C-114	-	CHANNEL PLAN AND PROFILE
22	C-115	-	CHANNEL PLAN AND PROFILE
23	C-116	-	CHANNEL PLAN AND PROFILE
24	C-117	-	STREAM IMPROVEMENT PLAN
25	C-118	-	STREAM IMPROVEMENT PROFILE
26	C-119	-	CHANNEL CROSS SECTIONS
27	C-120	-	CHANNEL CROSS SECTIONS
28	C-121	-	CHANNEL CROSS SECTIONS
29	C-122	-	STREAM IMPROVEMENTS CROSS SECTIONS
30	C-123	-	STREAM IMPROVEMENTS CROSS SECTIONS
31	C-124	-	CULVERT CROSS SECTIONS
32	C-125	-	CULVERT CROSS SECTION, STORM SEWER PROFILE AND JUNCTION CHAMBER DETAIL
33	C-126	-	IDOT MANHOLE STANDARD DETAILS
34	C-127	-	IDOT MANHOLE STANDARD DETAILS
35	C-128	-	IDOT MANHOLE STANDARD DETAILS
36	C-129	-	IDOT PRECAST REINFORCED CONCRETE FLAT SLAB TOP
37	C-130	-	IDOT INLET AND GRATE DETAILS



PAGE NO.	SHEET NO.	ADDENDUM NO.	TITLE OF SHEET
CIVIL DRAWINGS (CONTINUED)			
38	C-131	-	TYPICAL STREAM CROSS SECTIONS, STAKING PLAN AND EROSION CONTROL BLANKET INSTALLATION
39	C-132	-	IN-STREAM STRUCTURE INSTALLATION DETAILS
40	C-133	-	J-HOOK VANE STRUCTURE DETAILS
41	C-134	-	CONSTRUCTED RIFFLE DETAILS
42	C-135	-	SOIL ENCAPSULATED LIFT
43	C-136	-	DETENTION BASIN OUTLET STRUCTURE DETAIL AND SECTIONS
44	C-137	-	REINFORCED CONCRETE END SECTION DETAIL FOR 6'X3' BOX CULVERT
45	C-138	-	REINFORCED CONCRETE END SECTION DETAIL FOR 6'X4' BOX CULVERT
46	C-139	-	REINFORCED CONCRETE END SECTION DETAIL FOR DOUBLE 6'X3' BOX CULVERTS
47	C-140	-	REINFORCED CONCRETE END SECTION DETAIL FOR 12'X4' BOX CULVERT
48	C-141	-	REINFORCED CONCRETE END SECTION DETAIL FOR 12'X4' BOX CULVERT
49	C-142	-	REINFORCED CONCRETE END SECTION DETAIL FOR 8'X4' BOX CULVERT
50	C-143	-	JUNCTION CHAMBER STRUCTURAL DETAIL
51	C-144	-	LONG SPAN GUARDRAIL OVER CULVERT
52	C-145	-	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS (SHEET 1 OF 2)
53	C-146	-	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS (SHEET 2 OF 2)
54	C-147	-	STEEL PLATE BEAM GUARDRAIL (SHEET 1 OF 4)
55	C-148	-	STEEL PLATE BEAM GUARDRAIL (SHEET 2 OF 4)
56	C-149	-	STEEL PLATE BEAM GUARDRAIL (SHEET 3 OF 4)
57	C-150	-	STEEL PLATE BEAM GUARDRAIL (SHEET 4 OF 4)
58	C-151	-	PIPE DEFLECTION DETAIL
EROSION CONTROL DRAWINGS			
59	CE-101	-	SOIL AND EROSION CONTROL PLAN
60	CE-102	-	SOIL AND EROSION CONTROL PLAN
61	CE-103	-	SOIL AND EROSION CONTROL PLAN
62	CE-104	-	SOIL AND EROSION CONTROL PLAN
63	CE-105	-	SOIL AND EROSION CONTROL PLAN
64	CE-106	-	SOIL AND EROSION CONTROL DETAILS
65	CE-107	-	SOIL AND EROSION CONTROL NOTES
LANDSCAPING DRAWINGS			
66	L-101	-	LANDSCAPING PLAN
67	L-102	-	LANDSCAPING DETAILS
68	L-103	-	MAINTENANCE AND MONITORING PLAN

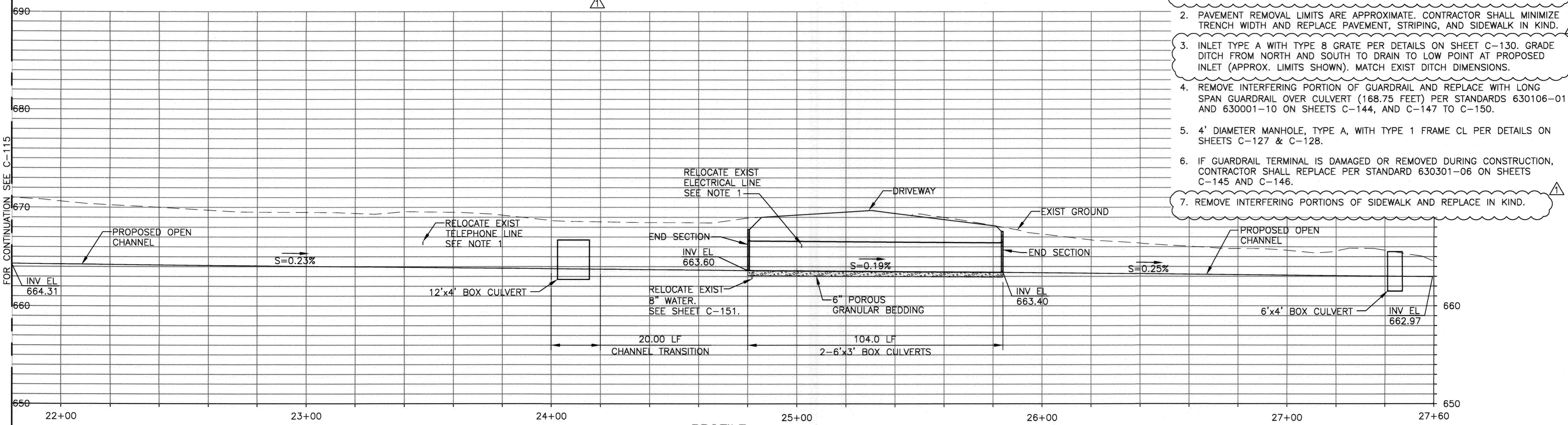


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PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)					
NO.	SIZE	SKEW	DESIGN FILL (FT) EDGE OF SHLDR. (MIN)	MAX	PGE BACKFILL REQUIRED
3	12'x4'	9.6'	2.1	2.5	YES
4	2-6'x3'	0'	2.2	3.2	YES
5	8'x4'	0'	1.8	2.0	YES
6	6'x4'	0'	2.5	3.4	YES

PROPOSED CHANNEL PLAN
 SCALE: 1"=20'



PROFILE
 HOR. SCALE 1"=20'
 VERT. SCALE 1"=5'

LEGEND:
 ——— NEW OR EXISTING BACKGROUND
 - - - - - NEW WORK

- CONSTRUCTION NOTES:**
- UTILITY OWNER (COMED) WILL RELOCATE POWER POLE. CONTRACTOR SHALL COORDINATE WITH COMED ALLOWING FOR 10-WEEK LEAD TIME TO RELOCATE.
 - PAVEMENT REMOVAL LIMITS ARE APPROXIMATE. CONTRACTOR SHALL MINIMIZE TRENCH WIDTH AND REPLACE PAVEMENT, STRIPING, AND SIDEWALK IN KIND.
 - INLET TYPE A WITH TYPE 8 GRATE PER DETAILS ON SHEET C-130. GRADE DITCH FROM NORTH AND SOUTH TO DRAIN TO LOW POINT AT PROPOSED INLET (APPROX. LIMITS SHOWN). MATCH EXIST DITCH DIMENSIONS.
 - REMOVE INTERFERING PORTION OF GUARDRAIL AND REPLACE WITH LONG SPAN GUARDRAIL OVER CULVERT (168.75 FEET) PER STANDARDS 630106-01 AND 630001-10 ON SHEETS C-144, AND C-147 TO C-150.
 - 4' DIAMETER MANHOLE, TYPE A, WITH TYPE 1 FRAME CL PER DETAILS ON SHEETS C-127 & C-128.
 - IF GUARDRAIL TERMINAL IS DAMAGED OR REMOVED DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE PER STANDARD 630301-06 ON SHEETS C-145 AND C-146.
 - REMOVE INTERFERING PORTIONS OF SIDEWALK AND REPLACE IN KIND.

Rev.	Description	Date
ADDENDUM NO. 1		10/24/16
ADDENDUM NO. 3		12/6/16

**METROPOLITAN WATER RECLAMATION DISTRICT
 OF GREATER CHICAGO**

Checked by: WM
 Drawn by: TW
 Date: OCT 2015

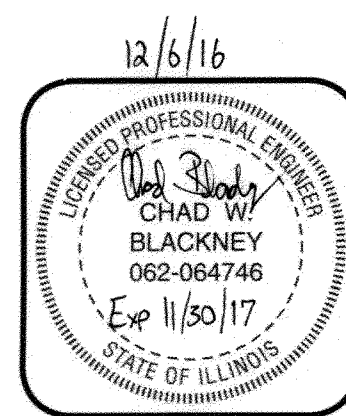
Reviewed by: JO
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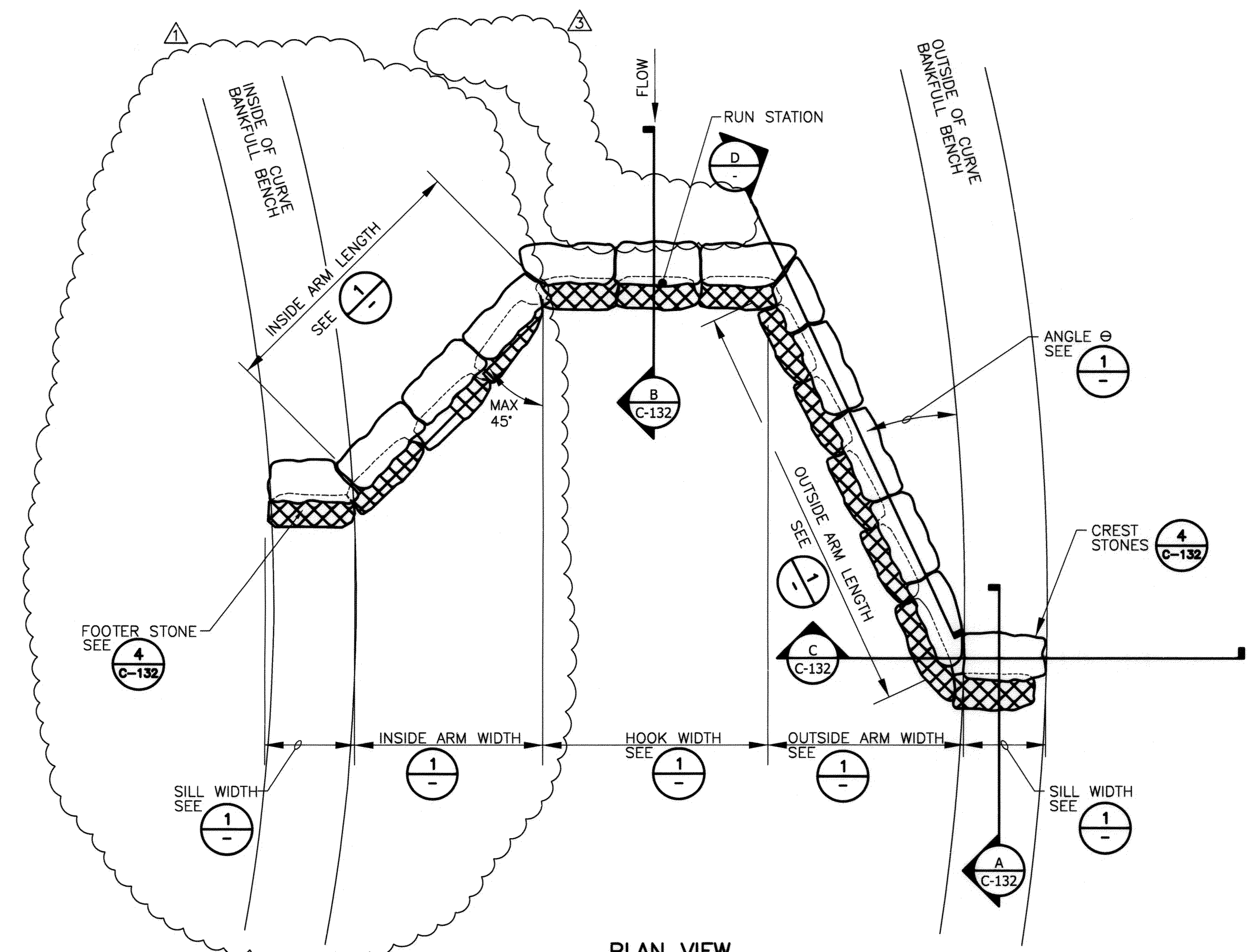
CH2M HILL
 125 South Wacker Drive
 Suite 3000
 Chicago, IL 60606

CONTRACT 10-883-CF
 CHERRY CREEK EAST BRANCH
 FLOOD CONTROL PROJECT

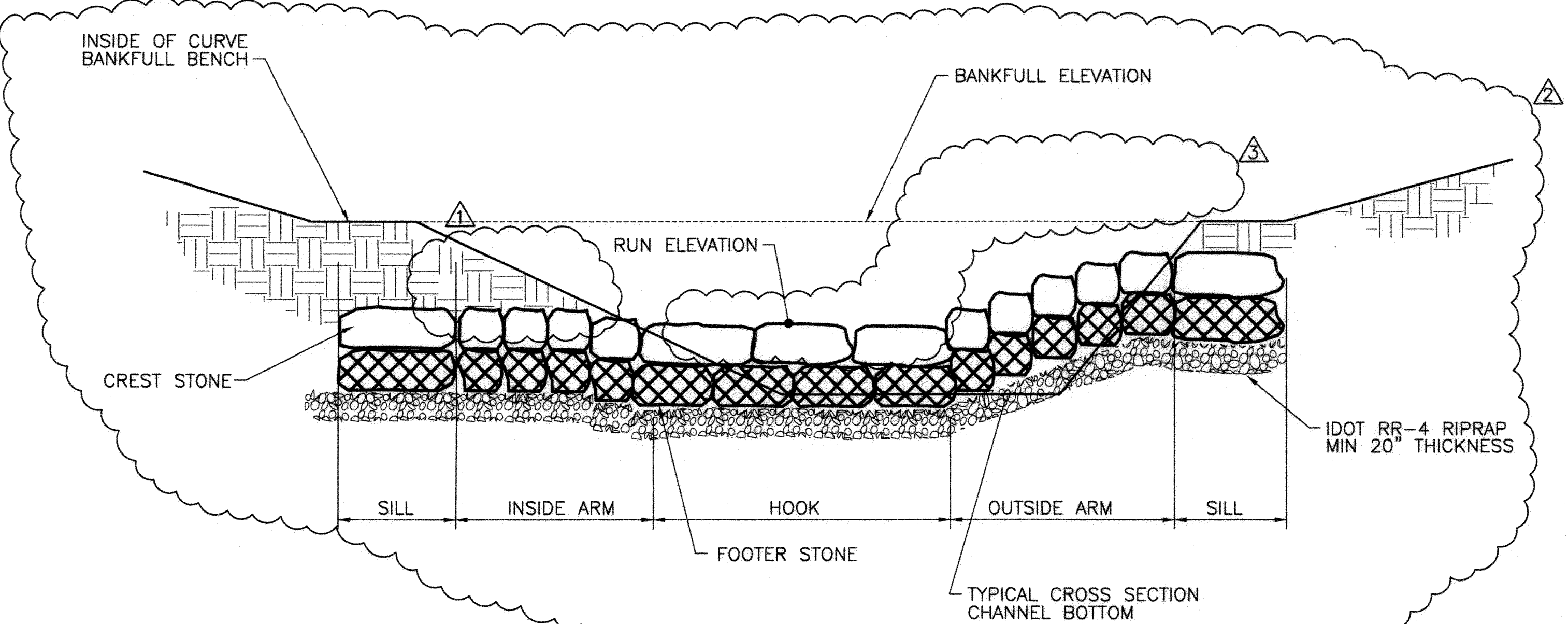
CHANNEL PLAN AND PROFILE

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C-116
 Page Number: 23



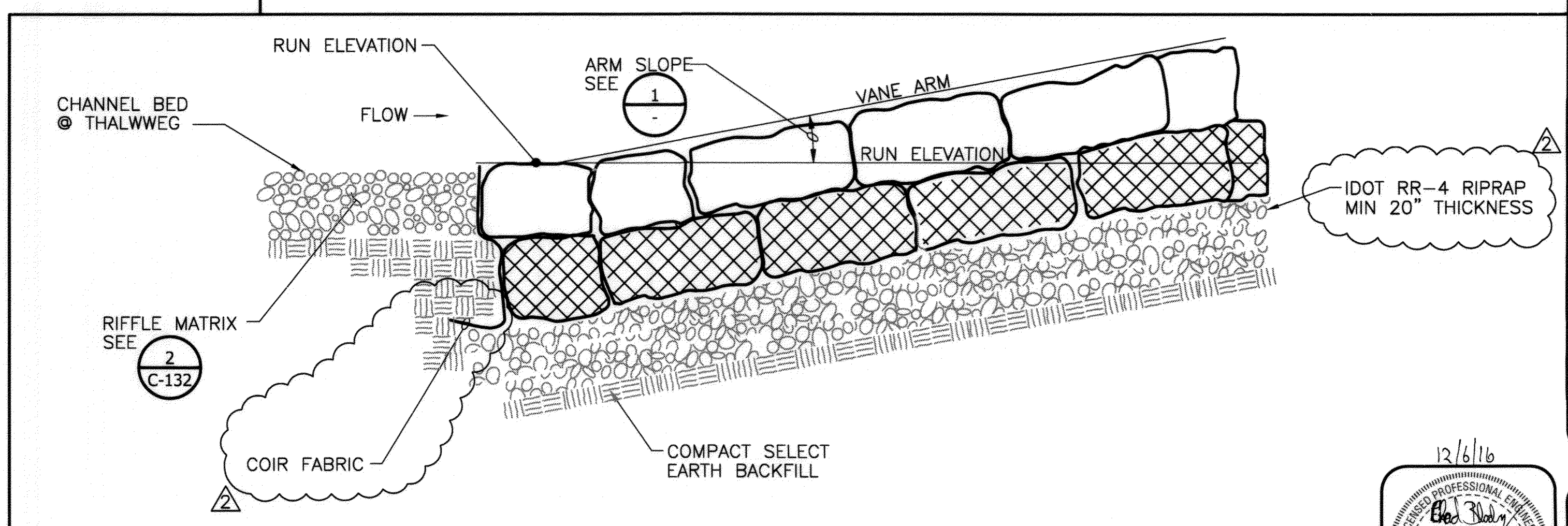


PLAN VIEW
NOT TO SCALE



FRONT ELEVATION
NOT TO SCALE

J-HOOK VANE DETAIL
NOT TO SCALE



SECTION D-D
NOT TO SCALE

NOTES:

1. FOR RUN STATIONS AND ELEVATIONS SEE CHANNEL PROFILE DESIGN SHEET C-118.
2. RUN STATION AND ELEVATIONS SHOWN ON SHEET C-118 ARE SET AT THE TOP FRONT EDGE OF THE CREST STONES AS SHOWN IN THE FRONT ELEVATION VIEW. ALL HOOK AND INSIDE ARM CREST STONES SHALL BE INSTALLED PER THE DESIGN ELEVATION TOLERANCE WITH RESPECT TO THE CENTER CREST STONE TOP FACE ELEVATION, BUT NO LOWER THAN THE CENTER CREST STONE.
3. WEDGE CENTER CREST STONES BEHIND AND UPSTREAM OF ARM STONES TO PREVENT DOWNSTREAM MOVEMENT OF CENTER CREST STONES.
5. KEY OUTSIDE ARM INTO BENCH WITH SILL STONES AT THE BANKFULL BENCH AND EXTENDING BEYOND THE BACK OF THE BENCH.
6. EROSION CONTROL BLANKET, COIR FABRIC, BACKFILL, AND GENERAL IN-STREAMSTRUCTURE INSTALLATION DETAILS ARE SHOWN ON C-132.
7. REVERSE DETAIL FOR APPLICATIONS WHERE OUTSIDE OF CURVE IS ON OPPOSITE BANK.
8. STRUCTURES SHALL BE CONSTRUCTED "IN COMPRESSION" BY AVOIDING GAPS BETWEEN THE STONES. STONES MUST TOUCH ADJACENT STONES ON ALL SIDES. ANY GAPS DUE TO UNEVEN SURFACES SHALL BE FILLED USING SMALLER PIECES OF FRACTURED STONE HAND-CHINKED UNTIL FLUSH WITH THE EDGES OF ADJACENT CREST STONES OR FOOTER STONES.

FEATURE	STRUCTURE DIMENSIONS
BANKFULL CHANNEL WIDTH (FT)	10'
ANGLE θ	17' MIN
HOOK WIDTH (FT)	2.5' MAX
INSIDE ARM WIDTH (FT)	3' MIN
OUTSIDE ARM WIDTH (FT)	3' MIN
SILL WIDTH (FT)	3' MIN
INSIDE ARM LENGTH (FT)	5.5' MIN
OUTSIDE ARM LENGTH (FT)	14' MIN
OUTSIDE ARM SLOPE (%)	4% MAX
OUTSIDE ARM RISE (FT)	0.4'-0.5'
INSIDE ARM SLOPE (%)	4% MAX

1 J-HOOK DIMENSION TABLE
SCALE: NOT TO SCALE

Rev.	Description	Appr.	Date
1	ADDENDUM NO. 1	ASR	10/24/16
2	ADDENDUM NO. 2	ASR	11/14/16
3	ADDENDUM NO. 3	ASR	12/6/16

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

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