ADDENDUM NO. 1
TO CONTRACT DOCUMENT PLANS SPECIFICATIONS

PROJECT: METRO WASTE AUTHORITY
MPE PHASE 1 – 2021 DRAINAGE AND COVER IMPROVEMENTS
TO: PROSPECTIVE BIDDERS AND OTHER INTERESTED PARTIES

The Contract Documents and Specifications, including the Contract Drawings, are hereby modified by the following items:

CHANGES TO DRAWINGS

AD-1 Item 1 DRAWINGS - REPLACE ENTIRE SET WITH ATTACHED SET
A. Items within drawings that were changed within Addendum No. 1 are clouded within the attached Sheets. In general, the following were updated within the Addendum No. 1 drawings. See attached Drawing set for all changes.
B. Sheet 00G002: Included Contractor’s soil haul route and alternative construction site entrance.
C. Sheet 00C101: Provided clarifications to the requirements of the work within road replacement and culvert removal areas. Revised the extents of the seeding. Provided contours for the reshaping of the terraces on the southwest side of Phase 1.
D. Sheet 00C102: Included updates to the box culvert installation area, slope direction of the access road, updated contours, and updated callouts.
E. Sheet 00C501: Updated Detail 2/00C501 to include elevations for the box culvert installation and to match the elevation of the top of the box culvert with top of the connecting gravel access road elevations.
F. Sheet 00C502: Included new detail 2/00C502 for Encountering Leachate Seeps. Updated Detail 1/00C502 – Cap Repair Section for removal of the inlet structures to the 36-in culverts and modifications to the existing 6-IN pipes coming into the sides of the inlet structures.

CHANGES TO SPECIFICATIONS

AD-1 Item 2 SECTION 00 10 00 NOTICE OF HEARING AND LETTING
A. REPLACE the first line within the second paragraph of Notice of Hearing and Letting, “Sealed Bids for the design and construction of the MPE Phase 1 – 2021 Drainage and Cover Improvements will be received, by the Authority, at the office of the Metro Waste Authority, 300 East Locust Street, Suite 100, Des Moines, Iowa 50309 until 12:00 PM local time on October 14, 2021, at which time the Bids received will be opened and publicly read by the Authority’s representative.” With “Sealed Bids for the design and construction of the MPE Phase 1 – 2021 Drainage and Cover Improvements will be received, by the Authority, at the office of the Metro Waste Authority, 12181 NE University Avenue, Mitchellville, Iowa 50169 until 12:00 PM local time on October 14, 2021, at which time the Bids received will be opened and publicly read by the Authority’s representative.”

AD-1 Item 3 SECTION 00 41 00 BID FORM
B. REPLACE the existing Section 00 41 00 BID FORM with the attached Section 00 41 00 ADM1 BID FORM.
AD-1 Item 4  SECTION 31 23 00 - EARTHWORK

A. REMOVE paragraph 3.5.F.1 “For cohesive soils moisture content of compacted soils shall be in the range of minus 4 to plus 1 percent (-4/+1 percent) of optimum moisture, as defined by ASTM D698.” And replace with the following 3.5.F.1;

"1. For cohesive soils moisture content of compacted soils shall be in the range of minus 4 to plus 1 percent (-4/+1 percent) of optimum moisture for structural fill and be in the range of 0 to plus 4 percent (0/+5 percent) of optimum moisture for clay liner, as defined by ASTM D698."

AD-1 Item 5  SECTION 32 92 00 SEEDING

ADD the following paragraph 3.3.B.12 to Specification Section 32 92 00 following paragraph 3.3.B.12; “12. Warranty: Provide Warranty period of product and workmanship for one year following date of seeding or final completion, whichever is achieved later.”

A. ADD the following paragraph 2.2.A.2 to Specification Section 32 92 00 following paragraph 2.2.A.2; “2. Dormant seeding may be used in lieu of waiting until the acceptable planting season if proposed by the Contractor and approved by the Engineer.”

ADDITIONAL CLARIFICATIONS & INFORMATION

(Does not modify contract documents)

AD-1 Item 6  PROSPECTIVE BIDDER QUESTIONS AND RESPONSES NOT INCLUDED IN ABOVE ADDENDUM ITEMS

Question (pre-bid site walkthrough): Are the white PVC standpipes at each of the three culvert inlet locations to be removed?
Answer: The white standpipes are intended for removal by the Contractor. Contractor shall carefully excavate along standpipes for removal of the 36-IN culverts in order to investigate if they are tied into the culverts. Prior to removal of the white standpipes, Contractor to meet with Owner and Engineer to verify removal.

Question: At which address shall bids be delivered, the Mitchellville address or the Des Moines address?
Answer: Bids shall be delivered the Metro Park East Landfill at 12181 NE University Avenue, Mitchellville, IA 50169 per Specification Section 00 20 00 – Instructions to Bidders.

Question: What is the required warranty period?
Answer: All work shall be covered by the Contractor’s standard one year warranty. Certain items as specified within the Specification Sections contain additional warranties including, but not limited to, seeding and geosynthetic clay liner.

Question: What if major leachate seeps are encountered during excavation and removal of the 36-IN culverts?
Answer: In general, leachate will be required to be contained, pumped, and managed by the Contractor within the project limits and waste, if encountered. If leachate seeps are observed, contact the Owner and Engineer to observe the locations and review direction forward. For purposes of bidding, a detail will be provided within Addendum No. 1 for requirements if major leachate seeps are encountered requiring overexcavation of waste and replacement. Waste will be hauled to the active working face of the Metro Park East Phase 2 landfill on site. Assume up to two (2) major leachate seep encounters per detail 2/00C502 within Contractor's bid price.

Question: Can the Bid Form, Bid Bond, and Statement of Qualifications be submitted within one envelope?
Answer: Yes, the Bid Form, Bid Bond, and Statement of Qualifications be submitted within one envelope.

Question: The note shows 2'x12’ box with a 12’ length and flared wings. Box culverts typically are designed with the width of the opening x the height of the opening for size. There is not a 12’ wide x 2’ box culvert in the IA DOT. It is also my understanding that precast box culvert production is way behind and procurement and delivery is held up until 2022. With that said, would a cast in place structure be acceptable? For figuring concrete and steel, I would need the width of the culvert (opening only), height (opening only) and total length of barrel which looks like 12’ from the plans. I will also need the anticipated embankment over the structure.

Answer: 2’ height x 12’ width are the inside dimensions, with 12’ length (not including the wingwalls). There is no embankment over the box culvert. The top of the box culvert is the surface of the access road. It is correct IDOT does not have this size with their standard details. The 2’ inside height maintains the current road elevation as closely as possible.

Contractor to submit a shop drawing of the proposed box culvert with rebar layout for HS-20 loading and no embankment as shown on the drawings. Poured-in-place in lieu of precast is acceptable, but concrete testing will must be included in the bid price and the Contractor will have to have the reinforcement and concrete design certified by a Structural Engineer licensed in the state of Iowa as part of the submittal process.

Question: Will dormant seeding be allowed in lieu of waiting until the spring to seed?

Answer: An alternate will be included within Addendum No. 1 to include the alternative option of dormant seeding. The Contractor’s warranty for seeding shall be one year from the date of seeding and adequate vegetation shall be established.

Question: Will AutoCAD files be available during the bidding process?

Answer: Yes, AutoCAD files will be available during the bidding process. If AutoCAD files are desired, request an electronic media release agreement from Austin Broshar at Austin.broshar@hdrinc.com.

Question: How do you get an invite to the virtual bid opening?

Answer: Request an invite from Austin Broshar at Austin.broshar@hdrinc.com to obtain an invite to the virtual bid opening via WebEx.

AD-1 Item 7 PRE-BID MEETING NOTES

For Bidders’ convenience a copy of the meeting notes and attendee sign-in sheet from the pre-bid meeting are included with this addendum.

ALL ITEMS IN CONFLICT WITH THIS ADDENDUM ARE HEREBY DELETED.

THIS ADDENDUM IS MADE PART OF THE CONTRACT DOCUMENTS AND SHALL BE NOTED ON THE BID FORM.

HDR Engineering, Inc.

______________________
Katie Kinley, P.E.

Certified copy provided to Owner on October 11, 2021
ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Metro Waste Authority
12181 NE University Avenue
Mitchellville, Iowa 50169

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

2.02 BIDDER will sign and deliver the required number of counterparts of the AGREEMENT with the Bonds and other documents required by the Bidding Requirements within 15 days after the date of OWNER's Notice of Award.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

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<th>Addendum No.</th>
<th>Addendum, Date</th>
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B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous
Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder’s safety precautions and programs.

F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.

I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.

J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

K. Bidder has examined and carefully prepared the proposal from the Bidding Documents and has checked the same in detail before submitting this Bid.

L. Bidder will submit written evidence of its authority to do business in the state where the Project is located not later than the date of its execution of the Contract.

M. Bidder agrees to waive any claim it has or may have against the Owner, the Engineer and the respective employees, arising out of or in connection with the administration, evaluation or recommendation of the Bid.

ARTICLE 4 – BIDDER’S CERTIFICATION

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;

2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

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<tr>
<th>Item No.</th>
<th>Description</th>
<th>Estimated Quantity</th>
<th>Unit</th>
<th>Bid Unit Price</th>
<th>Bid Price</th>
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<tr>
<td>101</td>
<td>Mobilization, demobilization, and all work not included in Bid Item Nos. 102, and 103.</td>
<td>1</td>
<td>LS</td>
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<td>102</td>
<td>Site Preparation and Earthwork</td>
<td>1</td>
<td>LS</td>
<td></td>
<td></td>
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<tr>
<td>103</td>
<td>Culvert Removal and Drainage Improvements</td>
<td>1</td>
<td>LS</td>
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<td>104</td>
<td>Project Allowance (10% of Base Bid = Item No.’s 101+102+103).</td>
<td>1</td>
<td>LS</td>
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<tr>
<td>105</td>
<td>Alternate Item – Dormant Seeding</td>
<td>1</td>
<td>LS</td>
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Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Alternate bid item 105: Dormant seeding – include in this item the additive or deductive cost (if any) to complete a winter seeding event in accordance with the requirements listed in Specification 32 92 00. This event may be completed in lieu of the spring event, and still requires the contractor to deliver a full stand of grass within 1-year of the initial seeding event. Areas in need of reseeding to be evaluated at approximately 6-months after initial event with base bid OR alternate.

Total Base Bid Price for Bid Items 101 through 104 (Total of Lump Sum and Allowance = Total Bid Price) $______________

5.02 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

5.03 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 6 – ATTACHMENTS TO THIS BID

6.01 The following documents are submitted with and made a condition of this Bid:
   A. Required Bid security;
   B. List of Project References;
   C. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
D. Required Bidder Qualification Statement with supporting data.

ARTICLE 7 – DEFINED TERMS

7.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 8 – BID SUBMITTAL

BIDDER: [Indicate correct name of bidding entity]

____________________________________________________________________________________

By: [Signature] _______________________________________________________________________

[Printed name] _______________________________________________________________________

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: [Signature] ____________________________________________________________________

[Printed name] ______________________________________________________________________

Title: ______________________________________________________________________________

Submittal Date: _____________________________________________________________________

Address for giving notices: _______________________________________________________________________

____________________________________________________________________________________

Telephone Number: ______________________________________________________________________

Fax Number: ____________________________________________________________________________

Contact Name and e-mail address: _______________________________________________________________________

State Contractor’s License No.: ___________________________________________________________________

(Where applicable)

END OF BID FORM
Metro Waste Authority

Bid Drawings For

Metro Waste Authority

Phase I MSWLF Drainage and Cover Improvements

Metro Park East Landfill

Issued for Bid

Project No.
10310518

Mitchellville, Iowa
September 2021
Metro Waste Authority

MWA METRO PARK EAST PHASE I
2021 DRAINAGE AND COVER IMPROVEMENTS

PERIMETER ROAD AND STORM CULVERT GRADING PLAN

NOTES:
1. SEED ALL DISTURBED AREAS RESULTING FROM CONSTRUCTION ACTIVITIES.

SECTION APPLIES TO CULVERT REMOVAL, ROAD REPAIR AND NEW ROAD.

1. SEED ALL DISTURBED AREAS RESULTING FROM CONSTRUCTION ACTIVITIES.

NEW AGGREGATE ROADWAY; SEE DETAIL ON THIS SHEET

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NEW AGGREGATE ROADWAY; SEE DETAIL ON THIS SHEET

NEW AGGREGATE ROADWAY; SEE DETAIL ON THIS SHEET

3" SURFACE COURSE AGGREGATE; SEE DETAIL ON THIS SHEET

9" BASE COURSE AGGREGATE; SEE DETAIL ON THIS SHEET

ROADWAY BASE & RIP-RAP; SEE DETAIL ON THIS SHEET

CLASS "E" RIP-RAP; SEE DETAIL ON THIS SHEET

TIED CONCRETE BLOCK MATTING; SEE DETAIL ON THIS SHEET

12' NEW AGGREGATE ROADWAY; SEE DETAIL ON THIS SHEET

END NOTE 1.

SECTION APPLIES TO CULVERT REMOVAL, ROAD REPAIR AND NEW ROAD.

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SECTION APPLIES TO CULVERT REMOVAL, ROAD REPAIR AND NEW ROAD.
1. Install 3" of animal bedding on terraces to establish vegetation on compacted fill.

1. Waste encountered with trenching and grading to be hauled to active area.

24" Existing Uncompacted Erosion Layer
24" Min. Clay Liner Compact in 6-Inch Lifts, See Specification

Remove (2x) 36" Culverts.
Haul Waste to Active Face and Backfill Soil in Compact 1-Foot Lifts

GCL
6" Min. Overlap of GCL (Typ)

Seed and Fertilize Per Specifications

Inlet Structures to the Existing Two (2) 36-Inch Culverts to be Removed. Inlet Structures Shall Be Replaced Along with the Removal of the Culverts.

Insert HERE 36" Culvert Existing 12" Drain Lines Entering Both Sides of the Silt Structures and 8" HERE Drains Per Approval from City to Discharge Underpin Existing Liners at the Outlet of the Silt Structures (4 Locations)

Waste is encountered with trenching and grading to be hauled to active area.

NOTES

1. Assume up to two locations of leachate seeps will be encountered during the excavation and removal of the existing culvert. Coordinate with Owner/Engineer.

Metro Waste Authority
MWA METRO PARK EAST PHASE I
2021 DRAINAGE AND COVER IMPROVEMENTS
Pre-Bid Meeting Minutes

Project: MWA MPE Phase 1 - Drainage and Cover Improvements

Subject: Pre-Bid Meeting

Date: Thursday, October 07, 2021

Location: Metro Park East Landfill

(Discussion Items as part of the minutes from the meeting and the site walkthrough are bold and italicized)

SUMMARY OF WORK

a. Existing culvert/outfall removal
b. New letdown structure
c. Box Culvert/roadway
   i. Box culvert can be poured cast in place in lieu of precast. Concrete and reinforcement shop drawings will need to be certified by a Structural Engineer, licensed in the State of Iowa, and hired by the Contractor if cast in place is used.
d. Terracing
   i. 2% slope
e. Topsoiling, erosion control, seeding
f. See Specification Section 01 11 00 and the Drawings and Specifications for work to be performed.

EXISTING CONDITIONS

a. This is a closed landfill site that has an existing landfill cap. Disturbances to the cap are not anticipated to occur beyond the removal of the existing culvert and shall be avoided.
b. Bidders shall be aware of existing infrastructure such as leachate collection lines, gas wells, and other utilities shown within the drawings.

BORROW SOURCE

a. Soil borrow source location is shown on sheet 00G002. Area within the location of soil borrow to be coordinated with Owner/Engineer.
b. Animal Bedding for use in amended topsoil
c. Site/project location access/right of way

TESTING AND SURVEYING

a. Contractor is responsible for testing. See Specification Section 31 23 00 for testing requirements.
b. Contractor is responsible for surveying per the Contract Documents. See Specification Section 01 71 23 for additional information.
   i. For regulatory approval of the project, the clay liner backfill at the location of the existing culvert to be removed must be surveyed as outlined in Specifications.
c. CAD linework will be available after the pre-bid meeting, if desired. Submit requests to Austin Broshar, HDR at Austin.broshar@hdrinc.com to obtain the CAD files. Contractor must fill out an “Agreement with Contractor for Delivery of Electronic Media” in order to obtain CAD linework.

SCHEDULE

a. Questions regarding the Bidding Documents shall be submitted no later than 4:00 PM on Monday, October 11th, 2021.

b. Bids due next week, October 14th, 2021 by 12:00 PM local time.
   i. Submit Bids to 12181 NE University Avenue, Mitchellville, IA 50169 with attention to Jon Penheiter
   ii. The bid opening will be conducted virtually through WebEx. A link will be sent out to all bidders on the plan holders list. Email Austin Broshar, HDR at Austin.broshar@hdrinc.com to request the meeting invite.

c. Notice to Proceed – November 1st, 2021

d. Substantial Completion – December 31st, 2021

e. Final Completion – April 15th, 2022 (for seeding)

BIDDING

a. Use Bid Form in the Project Manual

b. See the Project Manual for specific protocols

c. Include: Bid Security, Statement of Bidder’s Qualifications, and other required documents

d. Basis of Bid: Lump Sum

INTERPRETATIONS:

a. No addenda have been issued to date. An addendum will be issued following the pre-bid meeting to include meeting notes, attendance list, and any potential changes to the Bidding Documents.

b. Only addenda can modify documents (See Specification Section 00 20 00)

OTHER QUESTIONS AND DISCUSSION:

Discussion Items:

If long lead times are anticipated for the precast concrete box culverts, cast in place concrete box culvert will be acceptable. If cast in place concrete is utilized, the Contractor shall be required to submit shop drawings to Engineer with concrete mix and reinforcement designs, stamped by a Structural Engineer licensed in the State of Iowa employed by the Contractor and shall be included within Contractor’s bid price.

A question was asked regarding the allowance to be included with the bids. The allowance shall be 10% of proposed bid amount and is included to be used for small design changes in construction, if needed and justified. The allowance is not intended to be used and will be deducted from the final contract amount through a change order if
not needed. Reference specification section 01 21 00 for requirements of the project allowance.

A question was asked regarding the existing condition of the utility crossing where the existing gas line near DEW-16 crosses the existing (2) 36-in culverts for removal on Sheet 00C101. It is assumed that the gas line crosses below the (2) 36-in culverts. Utility locates and protection of utilities to remain within construction activities are the responsibility of the Contractor.

References to “topsoil” within the Contract Documents will consist of a mixture of animal bedding and underlying/placed general fill material obtained from the designated borrow areas shown on Sheet 00G02. All areas disturbed by Contractor activities shall be reseeded by the Contractor.

Contractors will likely be able to use the Waste Management site construction entrance to the north of the gas plant in the northwest corner of the property. Coordinate with MWA and Waste Management on commencement of construction.

MWA reiterated the requirements of the Contract Specifications in which the access road along the perimeter of the Phase 1 landfill is used by Waste Management personnel vehicles and disturbances to the road should try to be minimized and coordinated with advanced notice.
**Pre-Bid Meeting Photo Log**

**Photo 1** – Existing stormwater outlet for removal. Facing east from the east side of the existing access road.

- **CONCRETE OUTLET STRUCTURE TO BE REMOVED THAT IS EMBEDDING THE EXISTING (2) 36-IN DIAMETER AND (1) 18-IN DIAMETER CULVERTS**

**Photo 2** – Vertical inlets connecting to the 36-in diameter culverts to be removed shown, facing north. There are three (3) locations of inlets with two inlets at each location.

- **WHITE STANDPIPE AT EACH INLET LOCATION LOCATED ALONG THE ALIGNMENT OF THE EXISTING CULVERT ALINGMENT TO BE REMOVED.**
- **VERTICAL INLETS CONNECTING TO THE 36-IN DIAMETER CULVERTS.**
Photo 3 – Grates and vegetation over the vertical culvert inlets to be removed.

Photo 4 – Facing north on the west sideslope at an area where seeding is required per Sheet 00C101 near DEW-16.
Photo 5 – Facing South on the west sideslope at an area where seeding is required per Sheet 00C101 near DEW-16.
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<td>Veit</td>
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