



ALLIANCE CONSULTING ENGINEERS, INC.

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To:	All Bidders and Plan Holders	Project No. 04107-0032
Re:	Addendum No. 1	Provided Via E-Mail, Lexington County Website, & Demandstar
Project:	Transfer Station Floor Repair at the Edmund Landfill in Lexington County, South Carolina	
Date:	August 1, 2014	
Bid Date:	August 8, 2014 @ 3:00 P.M.	Page 1 of 2

The following changes are hereby made to the Bid Documents and Specifications for the Transfer Station Floor Repair at the Edmund Landfill in Lexington County, South Carolina.

1. Reference Non-Mandatory Pre-Bid Meeting Proceedings

- A. Please reference the Non-Mandatory Pre-Bid Meeting Proceedings and Sign-In Sheet for the Transfer Station Floor Repair at the Edmund Landfill in Lexington County, South Carolina dated July 23, 2014.

2. Clarification

- A. A typographical error was identified in the Plan Set regarding a Sheet reference on Sheets C5 and C6. The exterior concrete pad full depth replacement references Sheet C7 for details; however, details regarding the exterior concrete full depth replacement are located on Sheet C9.
- B. The following inquiries were made in regards to the proposed project.
- a. L&M Construction Chemicals products are specified in the approved construction drawings for utilization as the concrete topping compound on the Transfer Station Floor Repair portion of the Project. Please clarify if products manufactured by The Euclid Chemical Company will be considered an approved equal for use on this portion of the Project.
- *Yes, The Euclid Chemical Company products will be considered an approved equal for use on the Floor Repair portion of the Project.*
- b. Will reduction in project timeframe associated with using alternative materials to what is specified in the approved construction plans be considered in the awarding of the Project?
- *No, for Lexington County projects, the Contractor who meets licensure and bond requirements and possesses the lowest bid will be recommended for award of the contract. There are currently no provisions in the award process for time savings associated with alternative materials, or means and methods.*
- c. Please clarify the depth of existing concrete that will be removed and replaced for the existing exterior concrete pads.
- *The depth of the existing concrete is not known; however, the existing exterior concrete will be removed in its entirety, and replaced with seven (7) inches of 4,000 PSI strength concrete with Dramix steel fiber reinforcement, as specified in the approved construction plans.*

- d. Is the twelve (12)-inch subgrade associated with the exterior concrete pads to be removed and replaced, or will the subgrade be tested and compacted in lifts?
 - *The existing subgrade material should be removed as necessary for installation of new concrete sections in accordance with the approved construction plans.*
- e. Will a certified payroll be required?
 - *No, a certified payroll will not be required for the Project; however, applications for payment should be submitted on AIA documents, and notarized.*
- f. Will the contractor be able to dispose of construction debris in the Class Two C&D Landfill on-site for no charge?
 - *The Contractor will be able to dispose of project-related construction debris in the active Class Two C&D Landfill at no charge. The Contractor is responsible for hauling costs.*
- g. What is the approximate distance from the Transfer Station to the active Class Two C&D Landfill?
 - *The Class Two C&D Landfill is approximately two thousand (2,000) feet east of the MSW Transfer Station.*
- h. Is the Contractor responsible for the backfilling of the truck curb and installing new vegetation in exposed areas?
 - *The Contractor is responsible for both the backfilling and vegetation of the project site at the completion of the project.*
- i. Are there any Liquidated damages?
 - *There are no liquidated damages outlined in the bid document.*

3. Base Bid Option #2

- A. Base Bid Option #2 includes a proposed addition to the scope of work of approximately 160 SF of concrete. The proposed addition of concrete will be located within the inner radius of the entrance drive to the concrete pad located east of the Transfer Station in accordance with SK-C-1 and SK-C-2 prepared by Alliance Consulting Engineers, Inc. dated July 30, 2014.

4. Revised Bid Form

- A. The previously provided Bid Form has been revised to provide clarity on the scope of work included in Base Bid Option #1, and to include Base Bid Option #2. Also included in the Revised Bid Form is a line item for Grassing in the Base Bid and Base Bid Option #1 sections. The previously provided Bid Form is to be replaced in its entirety by the Revised Bid Form included as an Attachment to this Addendum.

***NOTE: THE BID OPENING DATE HAS BEEN CHANGED TO AUGUST 8, 2014 @
3:00 PM E.S.T.***

Attachments: Non-Mandatory Pre-Bid Meeting Proceedings
 Sign-In Sheet
 Sketch SK-C-1 dated July 30, 2014
 Sketch SK-C-2 dated July 30, 2014
 Revised Bid Form



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Pre-Bid Meeting Proceedings
Transfer Station Floor Repair at the Edmund Landfill in
Lexington County, South Carolina
July 23, 2014 – 11:00 AM (Non-Mandatory)

Pre-Bid Meeting Location: Edmund Landfill Conference Room
498 Landfill Lane
Lexington, South Carolina 29073

Attendees: Mr. Tom Harmalik, Lexington County Solid Waste Management
Mr. Terry Glass, Lexington County Solid Waste Management
Ms. Angela Seymour, Lexington County Procurement
Mr. Luke Wilkes, AOS Specialty Contractors
Mr. Jeff Hargett, Osborn Contract Services, Inc.
Mr. Ben Lindler, Lindler Construction Company, Inc.
Mr. Kyle M. Clampitt, P.E., Alliance Consulting Engineers, Inc.
Mr. Tyler N. Gilstrap, E.I.T., Alliance Consulting Engineers, Inc.

The meeting was called to order at approximately 11:00 AM by Mr. Kyle Clampitt welcoming all in attendance, and introducing the members of Lexington County and Alliance Consulting Engineers, Inc. in attendance. Mr. Clampitt indicated that this meeting was the Non-Mandatory Pre-Bid Meeting for the Transfer Station Floor Repair at the Edmund Landfill in Lexington County, South Carolina.

Ms. Angela Seymour noted the Bid Opening date is scheduled for Wednesday, August 6, 2014, and that all bids should be delivered by 3:00 PM on Wednesday, August 6, 2014 to the Lexington County Administration Building, 5th Floor Procurement Office, 212 South Lake Drive, Lexington, South Carolina, 29072. It should be noted that all bids must be time and date stamped in the Procurement Office by Lexington County Procurement Staff to be considered valid.

Ms. Seymour stated that the deadline for submitting questions is Friday, July 25, 2014 at 4:00 PM. All questions are to be forwarded to the Lexington County Procurement Office in written format. Ms. Seymour stated that email correspondence is the preferred method for submitting questions. Mr. Clampitt noted that if a Contractor wishes to propose an alternative material not specified in the approved construction documents, the alternative materials should be submitted prior to the deadline for submitting questions.

Ms. Seymour also noted the no-contact policy, in which all questions pertaining to the Project shall be directed towards herself. If Lexington County Solid Waste Management or Alliance Consulting Engineers, Inc. personnel are contacted, then that contractor's bid may be disqualified.

Ms. Seymour discussed the required forms associated with the bid submission. The Bid Bond is required to be submitted with the bid submission. Ms. Seymour also stated that



if a Contractor chooses not to bid on the Project, they should submit a completed “No Bid” Response form. Each of the bid submissions must be clearly marked on the outside of the package with the Bid Number (B15003-08/06/14S) and the Project Number (04107-0032).

Mr. Clampitt specified that the Bid Form should be filled out in its entirety and that the unit costs indicated on the Bid Form will govern if an error occurs on the Form. Mr. Clampitt also noted that for Lexington County projects, the Contractor who meets license and bond requirements and possesses the lowest bid will be recommended for award of the contract, and that there are currently no provisions in the award process for time savings associated with alternative materials, or means and methods.

Ms. Seymour noted that a signed Certificate of Insurance will be required to be present at the time of the issuance of the contract.

Mr. Clampitt discussed that the Project is to be completed in accordance with the approved construction drawings and specifications prepared by Alliance Consulting Engineers, Inc. (Dwg No. 01,833-D15 dated April 2014).

Mr. Clampitt stated that the initial step in performing interior work for the Project is to pressure wash the project area to remove sludge from the existing Transfer Station floor.

For the Base Bid scope of work, there is to be two (2)-inch depth edge milling along the perimeter of the concrete overlay area as indicated in the approved construction plans.

Mr. Clampitt stated that upon completion of the edge milling, the contractor shall complete a concrete overlay using 4,000 psi strength concrete mix. The area of concrete overlay is approximately 500 Square Yards (SY), and no reinforcement is required for the overlay. Upon completion of the placement of the overlay, the concrete is required to cure for seven (7) calendar days prior to placement of topping compound.

Mr. Clampitt noted that Lexington County Solid Waste Management will relocate the existing waste compactor located within Bay 4 of the Transfer Station prior to work commencing in the Transfer Station. Work in the area of the existing waste compactor includes removing existing curbing and placing concrete in the area to match the existing finished floor elevation of the interior floor slab.

Mr. Clampitt stated that upon completion of the concrete curing period, the floor should again be pressure-washed and prepped for the proposed concrete topping compound. The topping compound should be applied to the approximately 1,050-SY floor at three-quarter ($\frac{3}{4}$)-inch thickness. The concrete topping compound will be allowed to cure for an additional seven (7) days prior to allowing traffic on the floor area.



Mr. Clampitt stated that also included in the Base Bid scope of work for the Project is the demolition and full-depth replacement of an approximately 1,850-SY portion of the concrete pad located west of the Transfer Station. Also included is the demolition and full-depth placement of an approximately 1,650-SY concrete pad located east of the Transfer Station. The exterior concrete pads are to be 4,000 psi strength concrete mix with Dramix steel fiber reinforcement, at seven (7)-inch thickness with a six (6)-inch stone base course and a twelve (12)-inch subgrade per construction detail.

Mr. Clampitt noted that approximately 150 Linear Feet (LF) of concrete truck curb is proposed to be constructed along the eastern edge of the concrete pad located east of the Transfer Station.

Mr. Clampitt noted that the Base Bid Option #1 scope of work for the Project includes using the concrete topping compound in lieu of the proposed concrete overlay described in the Base Bid scope of work for the Transfer Station floor slab.

Mr. Clampitt stated that the Contractor will be provided full access to the Transfer Station, and that the Transfer Station will not be in operation during construction.

Mr. Clampitt noted that the project schedule will be three (3) weeks for the Base Bid scope of work, or two (2) weeks with incorporation of the Base Bid Option #1 scope of work, from receipt of the Notice to Proceed.

Mr. Clampitt stated that the Contractor must check in at the scale house on a daily basis upon arrival to the Landfill property, and report the number of personnel to be on-site each day. Mr. Clampitt indicated that safety vests must be worn at all times while on the Landfill property. Mr. Clampitt noted that the contractor is responsible for providing the necessary safety equipment to perform the construction activities, and is responsible for providing fall protection along the open end of the Trash Chute. These safety measures should be included as part of the cost of completing the Project.

Mr. Terry Glass, Lexington County Landfill Superintendent, noted that waste materials will be permitted to be disposed of at the Construction and Demolition Debris (C&D) Landfill located at the Edmund Landfill facility at no charge.

Mr. Glass also noted that the Contractor is to ensure that if chemicals are used when pressure washing the Transfer Station floor slab, that the chemicals are biodegradable.

Mr. Tom Harmalik, Deputy Director of Lexington County Solid Waste Management, clarified that the operation times for the Lexington County Edmund Landfill are from 7:00 AM to 4:30 PM on Monday through Saturday, and the Edmund Landfill is closed to the public on Sundays. Mr. Harmalik noted that alternative time periods for construction activities may be granted upon request from the Contractor.



Mr. Glass and Mr. Harmalik confirmed that water and 115-V single phase electricity are available for the Contractor's use at the Transfer Station.

Mr. Clampitt inquired if there were any questions regarding the proposed construction. The following questions were inquired and responded to as indicated below:

- What is the anticipated schedule for the awarding of the Project?
 - *The next County Council meeting is scheduled for August 25, 2014; if the Project is approved by the Council, the Contract should be issued within ten (10) days; the Pre-Construction Meeting for the Project is tentatively scheduled for the second week of September 2014; the notice to proceed would be issued the day following the Pre-Construction Meeting; and the Project should be completed by the first week of October 2014.*
- What type of warranty will the Contractor be required to provide?
 - *The Contractor will be required to provide a one (1)-year warranty on the work completed.*
- What other facilities will be active at the time of the improvements?
 - *No facilities will be active in the vicinity of the Transfer Station at the time of the construction activities; however, the Trash Chute Repairs project will be occurring simultaneously with this Project, and fuel trucks will likely be re-filling the 15,000-gallon diesel tank located south of the Transfer Station.*
- Is the trench drain at the opening of Bay 4 existing or proposed?
 - *The trench drain is existing, and is not anticipated to be removed.*
- Is joint filler required in the areas of saw cuts?
 - *Yes, as specified in the approved construction plans and should be included in the unit cost for control joints.*
- Will there be third-party Construction Materials Testing (CMT)?
 - *Yes, there will be third-party CMT services associated with this Project; however, Alliance Consulting Engineers, Inc. will coordinate the CMT services. Alliance Consulting Engineers, Inc. requests a one (1)-day notice to schedule CMT services.*
- What is the curing time for the proposed concrete?
 - *The proposed concrete will require a curing time of seven (7) days.*



The meeting then relocated to the project area to view the existing conditions at the Transfer Station Floor. During the viewing of the project area, Base Bid Option #2 for the Project was proposed to approximately 160 SY of concrete paving addition within the inner radius for the concrete pad located east of the Transfer Station. After observing the interior and exterior existing conditions at the Transfer Station, the meeting was adjourned.



**BID FORM FOR:
Transfer Station Floor Repair at the
Edmund Landfill in
Lexington County, South Carolina**

Base Bid

Pay Item	Quantity	Unit	Description	Unit Price	Total
1	1	LS	Mobilization/Bonds		
2	1	LS	Exterior Demolition		
3	1	LS	Erosion Control		
4	60	SY	Concrete Edge Milling (2-Inch Depth Over 2-Foot Width of Pavement)		
5	2	EA	Pressure Washing Concrete Slab at 3,000-4,000 PSI		
6	500	SY	4,000 PSI Concrete Overlay (Depth Varies)		
7	1,050	SY	3/4-Inch EmeryTop 400 Topping Compound		
8	3,500	SY	4000 PSI 7-Inch Depth Concrete Slab with Dramix Steel Fiber Reinforcements and 6-Inch GABC		
9	150	LF	Concrete Truck Curb		
10	3,100	LF	Control Joints		
11	1	LS	Grassing		

Total Base Bid = \$ _____

Base Bid Option #1 – Topping Compound in Lieu of Concrete Overlay on Transfer Station Floor

Pay Item	Quantity	Unit	Description	Unit Price	Total
1	1	LS	Mobilization/Bonds		
2	1	LS	Exterior Demolition		
3	1	LS	Erosion Control		
4	1	EA	Pressure Washing Concrete Slab at 3,000-4,000 PSI		
5	1,050	SY	EmeryTop 400 topping in lieu of Concrete Overlay (Depth Varies)		
6	3,500	SY	4,000 PSI 7-Inch Depth Concrete Slab with Dramix Steel Fiber Reinforcements and 6-Inch GABC		
7	150	LF	Concrete Truck Curb		
8	3,100	LF	Control Joints		
9	1	LS	Grassing		

Total Base Bid Option #1 = \$ _____

Base Bid Option #2 – Concrete Pavement Addition for Exterior Pad East of the Transfer Station

Pay Item	Quantity	Unit	Description	Unit Price	Total
1	160	SY	4,000 PSI 7-Inch Depth Concrete Slab with Dramix Steel Fiber Reinforcement and 6-Inch GABC		

Total Base Bid Option #2 = \$ _____

COMPANY: _____ AUTHORIZED SIGNATURE: _____

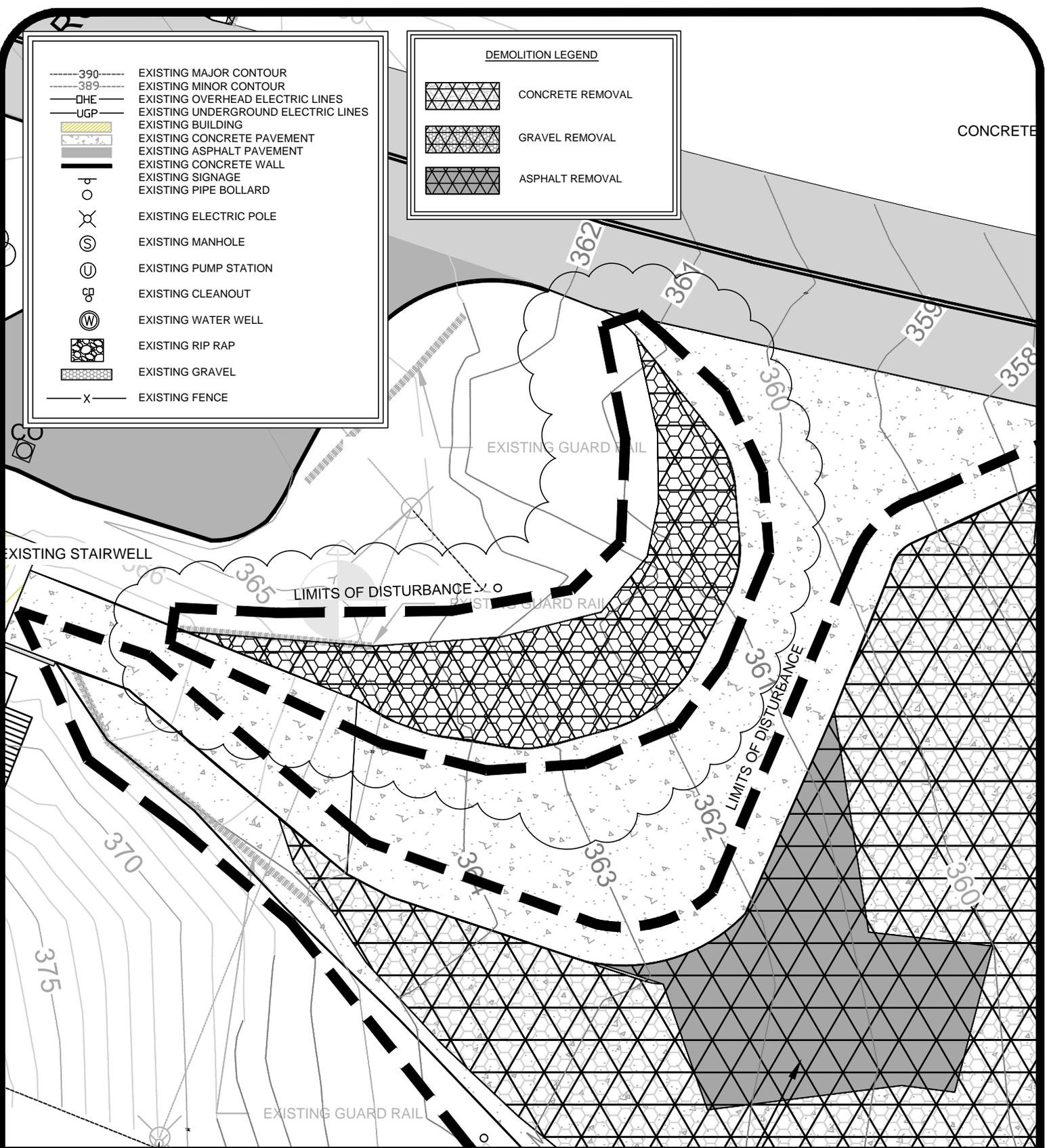
The attached Certificate of Familiarity must be returned with bid.

- 390--- EXISTING MAJOR CONTOUR
- 389--- EXISTING MINOR CONTOUR
- OHE--- EXISTING OVERHEAD ELECTRIC LINES
- UGP--- EXISTING UNDERGROUND ELECTRIC LINES
- EXISTING BUILDING
- EXISTING CONCRETE PAVEMENT
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE WALL
- EXISTING SIGNAGE
- EXISTING PIPE BOLLARD
- EXISTING ELECTRIC POLE
- EXISTING MANHOLE
- EXISTING PUMP STATION
- EXISTING CLEANOUT
- EXISTING WATER WELL
- EXISTING RIP RAP
- EXISTING GRAVEL
- EXISTING FENCE

DEMOLITION LEGEND

-  CONCRETE REMOVAL
-  GRAVEL REMOVAL
-  ASPHALT REMOVAL

CONCRETE



SK-C-1

Reference Sheet: C5

PROJECT NO. 04107-0032
JULY 30, 2014

EXTERIOR CONCRETE PAD MODIFICATION PLAN
FOR THE TRANSFER STATION FLOOR REPAIR
AT THE EDMUND LANDFILL
IN LEXINGTON COUNTY, SOUTH CAROLINA



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC

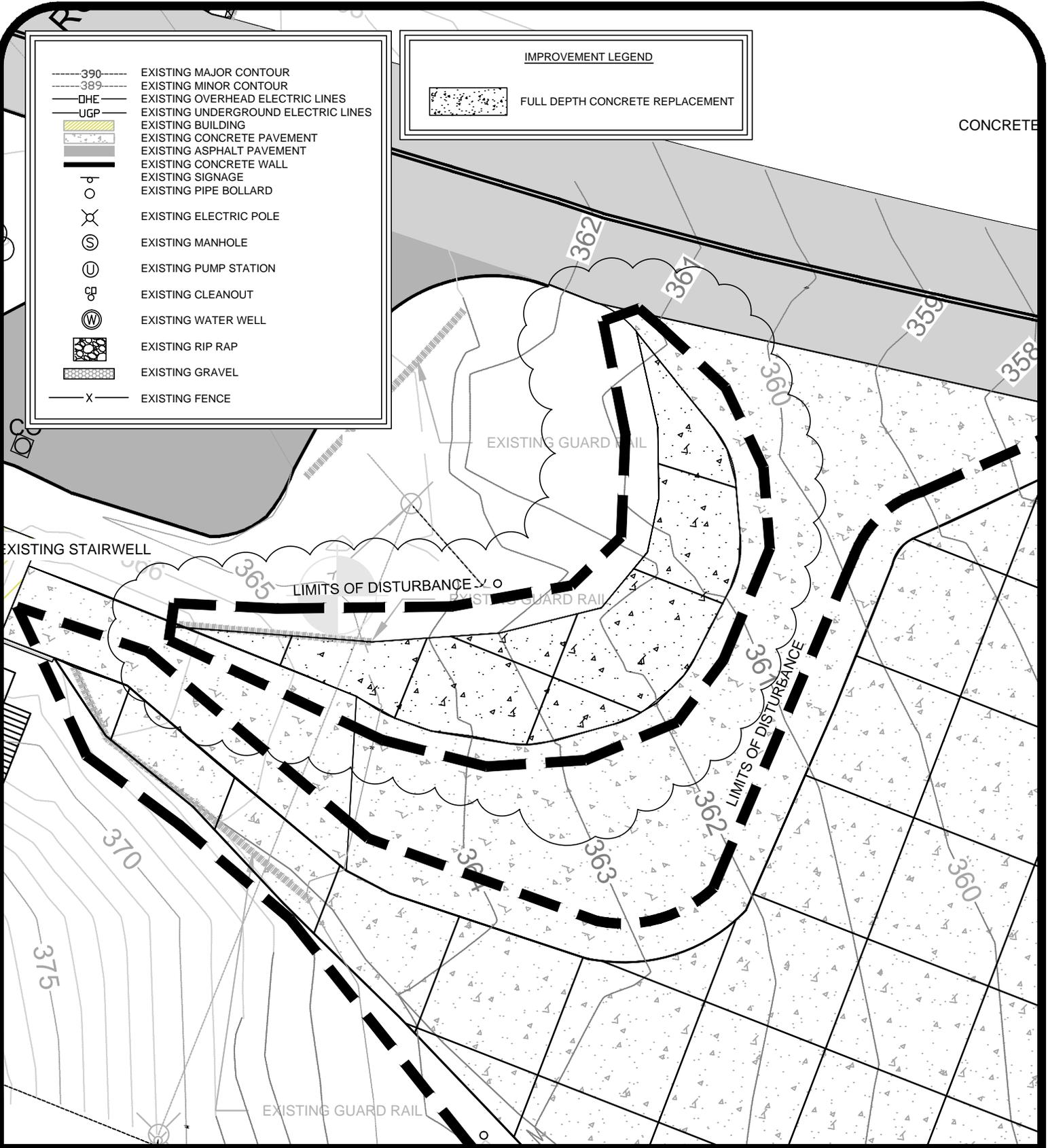
IMPROVEMENT LEGEND



FULL DEPTH CONCRETE REPLACEMENT

CONCRETE

- 390--- EXISTING MAJOR CONTOUR
- 389--- EXISTING MINOR CONTOUR
- DHE— EXISTING OVERHEAD ELECTRIC LINES
- UGP— EXISTING UNDERGROUND ELECTRIC LINES
- EXISTING BUILDING
- EXISTING CONCRETE PAVEMENT
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE WALL
- EXISTING SIGNAGE
- EXISTING PIPE BOLLARD
- EXISTING ELECTRIC POLE
- EXISTING MANHOLE
- EXISTING PUMP STATION
- EXISTING CLEANOUT
- EXISTING WATER WELL
- EXISTING RIP RAP
- EXISTING GRAVEL
- X— EXISTING FENCE



SK-C-2

Reference Sheet: C6

PROJECT NO. 04107-0032
JULY 30, 2014

EXTERIOR CONCRETE PAD MODIFICATION PLAN
FOR THE TRANSFER STATION FLOOR REPAIR
AT THE EDMUND LANDFILL
IN LEXINGTON COUNTY, SOUTH CAROLINA



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC