

**ADDENDUM NO. 3**

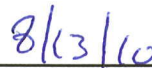
**CONTRACT NO. PH4 2010-01  
FOR CONSTRUCTION OF**

**TRLIA PHASE 4  
YUBA RIVER SOUTH LEVEE  
UPPER YUBA LEVEE IMPROVEMENT PROJECT  
PLM 2.2 TO 6.1/STA 102+00 TO 303+59**

**August 13, 2010**



Daniel M Jabbour  
Technical Lead



Date

**TO ALL PROSPECTIVE BIDDERS:**

All prospective bidders are hereby notified that this addendum includes amendments to the Contract Documents, for the above noted project, that were issued on June 21, 2010. The bidders are to review all of the amendments listed herein, and acknowledge receipt of this addendum in the appropriate section of the Proposal Sheet.

## **ELECTRONIC DOCUMENTS**

An electronic copy of Addendum #3 is available to download. Email [stella.gardenour@hdrinc.com](mailto:stella.gardenour@hdrinc.com) regarding access information.

## **AMENDMENTS TO CONTRACT DOCUMENTS**

### **SPECIAL PROVISIONS**

#### **SP-08, Time of Completion**

Delete SP-08 in its entirety and replace with the following:

As set forth in Section 7 of the General Provisions, the time of completion for this contract, which shall include all segments of work to be completed in their entirety and in accordance with the project plans and these specifications, shall be as outlined below.

<b>Base Bid (Includes Bid Schedule A and Bid Schedule B)</b>	<b><u>Completion Milestones</u></b>
A. Engineer's Office Facility	Installed and ready for occupancy no later than five (5) days prior to the start of excavation or no later than 15 days after Notice to Proceed, which ever comes first
B. Levee and Cutoff Wall Construction (All Segments)	August 22, 2011
C. Crown aggregate surface, erosion control seeding of levee, berm, staging, and all other disturbed areas (All Segments)	August 27, 2011
D. Demobilization and Site Cleanup (All Segments)	September 2, 2011
E. Provide As-Build Documents to the Engineer	September 16, 2011

#### **Add Alternate:**

The Add Alternate shall include all work associated with completing Segment 1 as shown on the project plans and as specified in these specifications, in its entirety, and in accordance with the following completion milestones:

<b>Add Alternate</b>	<b><u>Completion Milestones</u></b>
A. Levee Construction (Segment 1)	November 1, 2010
B. Crown aggregate surface, erosion control seeding of levee, berm, staging, and all other disturbed areas (Segment 1)	November 14, 2010
C. Demobilization and Site Cleanup (Segment 1)	December 1, 2010

### SP-09, Liquidated Damages for Delay

Delete SP-09 in its entirety and replace with the following:

As set forth in Section 8 of the General Provisions, the liquidated damages for this contract shall be the sum of Two Thousand Dollars (\$2,000) per calendar day for the following missed milestone completion dates set forth in these Special Provisions.

<b>Base Bid Schedule (Includes Bid Schedule A and Bid Schedule B)</b>	<b><u>Completion Milestones</u></b>	<b><u>Liquidated Damages</u></b>
A. Engineer's Office Facility	Installed and ready for occupancy no later than five (5) days prior to the start of excavation or no later than 15 days after Notice to Proceed, which ever comes first	\$500/Day
B. Levee and Cutoff Wall Construction (All Segments)	August 22, 2011	\$2,000/Day
C. Crown aggregate surface, erosion control seeding of levee, berm, staging, and all other disturbed areas (All Segments)	August 27, 2011	\$2,000/Day
D. Provide As-Build Documents	September 16, 2011	\$2,000/Day

If the Add Alternate is chosen:

<b>Add Alternate</b>	<b><u>Completion Milestones</u></b>	<b><u>Liquidated Damages</u></b>
A. Levee Construction (Segment 1)	November 1, 2010	\$2,000/Day
B. Crown aggregate surface, erosion control seeding of levee, berm, staging, and all other disturbed areas (Segment 1)	November 14, 2010	\$2,000/Day

### SP 44, AUGUR LOCATED IN THE LEVEE

Contractor is cautioned that an Augur is in the levee at approximate Sta. 221+50. The top of the augur is approximately 30 feet below existing top of levee. The augur is approximately 50 feet in length and is located near the existing levee crown centerline. Contractor shall take necessary precautions to avoid the augur. The cutoff wall shall be placed at the waterside of the augur.

## **SP 45, ACCESS ALONG LEVEE FOR ADJACENT OWNERS**

The Contractor shall coordinate with the Agency, its representatives, and the adjacent land owners to allow for and/or provide access for farm equipment and vehicles, as necessary, through the area denoted as "Limit of Construction" on the project plans. Farmer access may be required along and/or across the "Limit of Construction" area.

### **SPECIFICATION**

#### **Section 01 22 00.00 10**

1.2.11 - Revise "Topsoil Stripping (Levee and Berm Area)" to "Topsoil Stripping (Levee, Berm, and Borrow Areas)".

1.2.11.2 – Revise the first sentence to read as follows: Payment for Stripping will be made at the contract unit price for "TOP SOIL STRIPPING (LEVEE, BERM, AND BORROW AREAS)". Revise the "TOPSOIL STRIPPING" in the last sentence to read "TOPSOIL STRIPPING (LEVEE, BERM, AND BORROW AREAS)".

#### **Section 31 11 00**

Subparagraph 3.2.2, delete the last sentence and replace with the following:

All tap roots, lateral roots, or other projections, encountered during levee and levee foundation excavation, that are over ½ inch in diameter and/or 6 inches in length shall be removed to a depth of 3 feet, or a deeper as required by the Agency and to meet the requirements of this section, below the natural surface of the ground or surface of existing levee.

### **PROPOSAL FORM**

Revise Page 1 to include "Date Received" and "Contractor's Initials" for Addendum No. 3 as follows:

**Addendum No. 3 (Date Received):**\_\_\_\_\_ **Contractor's Initials:**\_\_\_\_\_

The revised page is attached

#### **Bid Schedules**

Delete Bid Schedule A and replace with the attached. The Bid Schedule has been updated as follows:

A5 "Topsoil Stripping (Levee and Berm Area) has been revised to "Topsoil Stripping (Levee, Berm, and Borrow Areas)" and the estimated quantity and unit of measure have been revised to AC.

## **REFERENCES**

Previously completed lab results for a potential borrow source are being provided for use at the Contractor's option. The potential borrow source is the nearby Teichert Aggregates plant located at 4249 Hammonton-Smartville Road, Marysville, CA 95901.

The data is attached and includes the following:

- Soil Classification
- Grain Size Analysis
- Plasticity Chart

## **PROJECT PLANS**

G-102

G-103

C-110

C-125

**PROPOSAL TO THE THREE RIVERS LEVEE IMPROVEMENT AUTHORITY**

**TRLIA PHASE 4  
YUBA RIVER SOUTH LEVEE  
UPPER YUBA LEVEE IMPROVEMENT PROJECT  
PLM 2.2 to 6.1/ STA 102+00 TO 303+59**

**CONTRACT NO. PH4 2010-01**

NAME OF BIDDER \_\_\_\_\_  
BUSINESS ADDRESS \_\_\_\_\_  
TELEPHONE NO. ( ) \_\_\_\_\_

The work to be done and referred to herein is in Yuba County, State of California:

**TRLIA PHASE 4  
YUBA RIVER SOUTH LEVEE  
UPPER YUBA LEVEE IMPROVEMENT PROJECT  
PLM 2.2 to 6.1/ STA 102+00 TO 303+59**

**CONTRACT NO. PH4 2010-01**

The project shall be constructed in accordance with the aforementioned Contract Documents and the provisions stated herein (including the payment of not less than the minimum wage rates set forth herein). Labor Surcharge and Equipment Rental Rates to be used under this contract shall be listed in the State of California Department of Transportation Division of Construction publication entitled, "Labor Surcharge and Equipment Rental Rates," that are in effect when the work is accomplished and the current applicable General Prevailing Wage Rates of the State of California Department of Industrial Relations.

**Addendum No. 1 (Date Received):** \_\_\_\_\_ **Contractor's Initials:** \_\_\_\_\_

**Addendum No. 2 (Date Received):** \_\_\_\_\_ **Contractor's Initials:** \_\_\_\_\_

**Addendum No. 3 (Date Received):** \_\_\_\_\_ **Contractor's Initials:** \_\_\_\_\_

The work to be done is specified in the attached Contract Documents.

**TRLIA PHASE 4  
YUBA RIVER SOUTH LEVEE  
UPPER YUBA LEVEE IMPROVEMENT PROJECT  
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**CONTRACT NO. PH4 2010-01**

Bids are to be submitted for the entire work. The amount of the bid for comparison purposes will be the total of all items. The total of unit basis items will be determined by extension of the item price bid on the basis of the estimated quantity set forth for the item.

CONTRACT DOCUMENTS

The bidder shall set forth for each item of work, in clearly legible figures, an item price and a total for the item in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "total" column shall be the extension of the item price bid on the basis of the estimated quantity for the item.

In case of discrepancy between the item price and the total set forth for a unit basis item, the unit item price shall prevail, except as provided in (a) or (b), as follows:

- (a). If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount as the entry in the item total column, then the amount set forth in the item total column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price.
- (b). (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage wise the unit price or item total in the Departments Final Estimate of cost.

If this Proposal shall be accepted and the undersigned fails to enter into the Contract and to give the two bonds in the sums to be determined as aforesaid, with surety satisfactory to the TRLIA within 8 days, not including Sundays and legal holidays, after the bidder has received notice from the TRLIA that the Contract has been awarded, the TRLIA may, at its option, determine that the bidder has abandoned the Contract, and thereupon this Proposal and the acceptance thereof shall be null and void and the forfeiture of such security accompanying this Proposal shall operate and the same shall be the property of the TRLIA.

The undersigned, as bidder, declares that the only persons or parties interested in this Proposal as principals are those names herein; that this Proposal is made without collusion with any other person, firm, or corporation, and in submitting this Proposal, the undersigned bidder agrees that if it is determined that he is the successful bidder, he will execute the non-collusion affidavit required by the Federal requirements set forth in these Special Provisions; that he has carefully examined the location of the proposed work, the annexed proposed form of Contract, and the plans therein referred to; and he proposes, and agrees if this Proposal is accepted, that he will contract with the TRLIA of Yuba in the form of the copy of the Contract annexed hereto, to provide all necessary machinery, tools, apparatus, and other means of construction, and to do all the work and furnish all the materials specified in the Contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the following item prices, to wit:

**Three Rivers Levee Improvement Authority**

**Upper Yuba Levee Improvement Project (South Levee) - Simpson Lane to Yuba Goldfields**

**BASE BID (SCHEDULE A)**

**August 13, 2010**

Line Item	Item Description	Estimated Quantity	Units	Unit Price	Total
A1	Mobilization and Demobilization	1	LS		
A2	Traffic Control	1	LS		
A3.1	SWPPP Silt Fence	45,000	LF		
A3.2	SWPPP Straw Wattle	10,000	LF		
A3.3	SWPPP Stabilized Construction Entrance	4	EA		
A3.4	Erosion Control (Borrow Site)	1	LS		
A3.5	K-Rail	140	LF		
A4	Clearing and Grubbing	1	LS		
A5	Topsoil Stripping (Levee, Berm, and Borrow Areas)	125	AC		
A6	Levee Excavation (Levee Degrade and Initial Cap)	135,479	CY		
A7	Temporary Water Main	1	LS		
A8	Seepage and Stability Berm	52,829	CY		
A8.1	Slurry Wall Trench Spoils	50,000	CY		
A9	Slurry Wall Construction [S]	897,500	SF		
A10	Excavation and Haul (Borrow Site)	144,803	CY		
A11	Fill - Levee Embankment (From Borrow Site)	144,803	CY		
A12	Fill - Levee Embankment (From Import)	36,201	CY		
A13	DIP Watermain	140	LF		
A13.1	12-inch Irrigation Service	177	LF		
A13.2	18-inch Irrigation Service	170	LF		
A14	Dantoni Road - Sawcut	75	LF		
A15	Dantoni Road - AC/AB Demolition	353	SY		
A16	Dantoni Road - Lime Treatment	353	SY		
A17	Dantoni Road - Bituminous Concrete Pavement	487	TN		
A18	Aggregate Base	13,081	TN		
A19	Pipe Gates	13	EA		
A20	Signage	6	EA		
A21	Erosion Control Seeding	150	AC		
A22	Permanent Fencing	17,600	LF		
A23	Reclaim Borrow Site	1	LS		
A24	Haul & Waste (Unsuitable Material)	556	CY		
<b>SUBTOTAL BASE BID (SCHEDULE A):</b>					

[S] - SPECIALTY ITEM, REFER TO SECTION 2-8 OF THE GENERAL REQUIREMENTS.

<b>ADD ALTERNATE</b>	1	LS		
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**CLASSIFICATION TEST SUMMARY**

PROJECT: Army Corp of Engineers

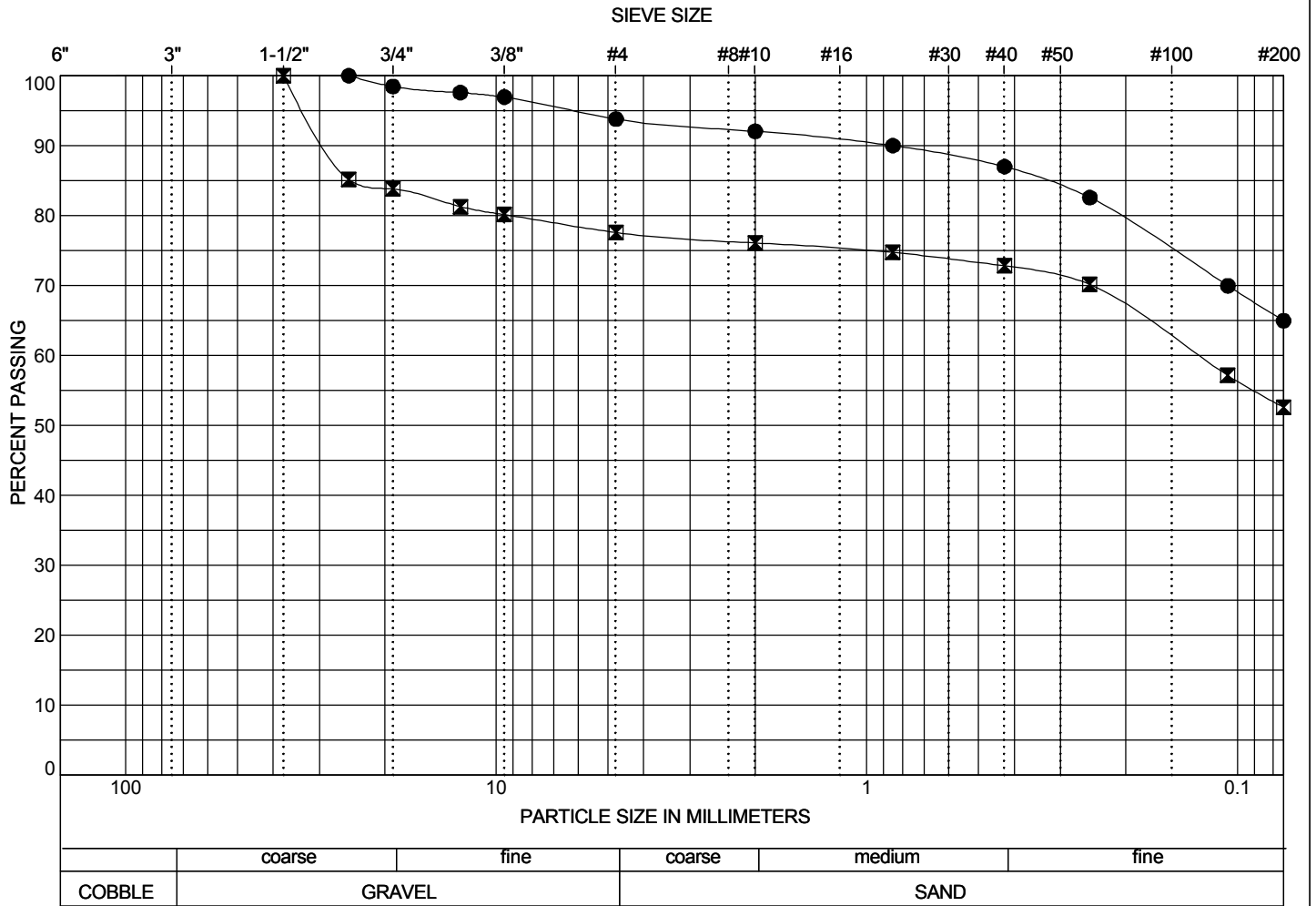
FEATURE: Teichert-Marysville

LAB. NO.	HOLE NO.	F.S. NO.	DEPTH (feet)	PERCENT FINER												ATTERBERG LIMITS		COMPACTION		GROUP SYMBOL	ASTM D2487			
				MECHANICAL ANALYSIS						HYDROMETER								Modified DWR			CLASSIFICATION			
				GRAVEL			SAND			SILT & CLAY			L.L.	P.I.	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE CONTENT (%)								
				3.0"	1.5"	3/4"	3/8"	4	8	16	30	50					100	200	5M		2M	1M	GROUP NAME	
06-669	Top North				100	95	91	89	88	85	81	75	70	60			44	25			CL	Sandy Lean Clay		
-670	Mid Bottom				100	96	89	84	80	75	68	59	51	44			30	13			SC	Clayey sand with gravel		
-671	South Bottom				100	94	90	87	82	78	75	70	63	54			34	17			CL	Sandy Lean Clay		

DATE: 10/13/2006  
 INITIAL: rgj  
 REQUEST NO.: 2006-24

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

IM - INSUFFICIENT MATERIAL  
 NP - NON-PLASTIC  
 NG - NO GOOD



LEGEND:	SOURCE	DEPTH (ft)	COBBLE (%)	GRAVEL (%)	SAND (%)	FINES (%)	D60 (mm)	D10 (mm)	Cu	Cc	DESCRIPTION
●	Teichert N. Pile B-1	0.0	0	6	29	65					SANDY LEAN CLAY(CL)
☒	Teichert N. Pile B-2	0.0	0	22	25	53	0.13				SANDY LEAN CLAY with GRAVEL(CL)

KA\_SIEVE 106539-TP.GPJ 8/3/10



**GRAIN SIZE ANALYSIS**  
TRLIA PHASE 4 BORROW

PLATE

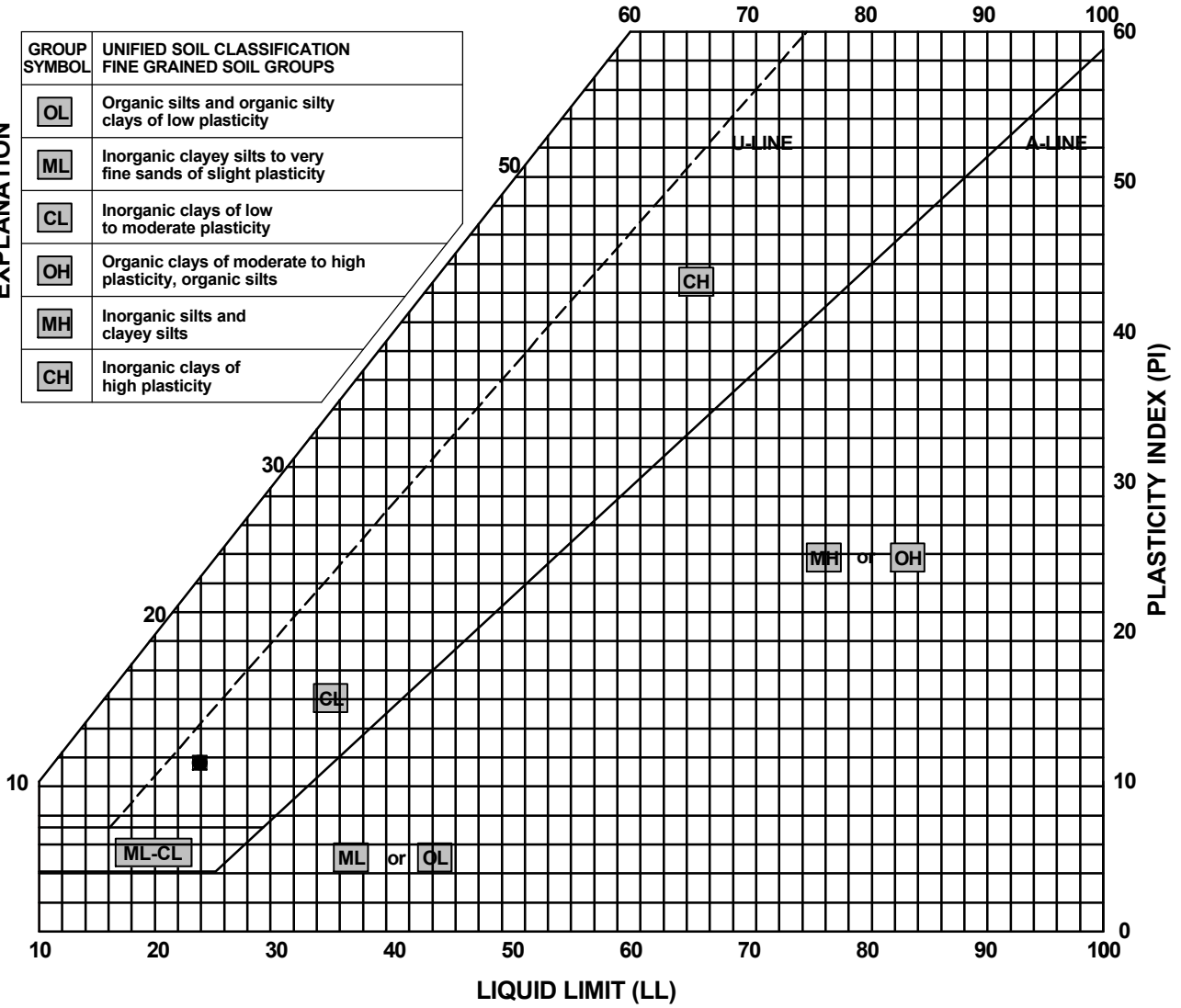
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Drafted By: CMP      Project No.: 106539-TP  
Date: 4/17/2010      File Number:

EXPLANATION

GROUP SYMBOL	UNIFIED SOIL CLASSIFICATION FINE GRAINED SOIL GROUPS
OL	Organic silts and organic silty clays of low plasticity
ML	Inorganic clayey silts to very fine sands of slight plasticity
CL	Inorganic clays of low to moderate plasticity
OH	Organic clays of moderate to high plasticity, organic silts
MH	Inorganic silts and clayey silts
CH	Inorganic clays of high plasticity



LEGEND:	SOURCE	DEPTH (ft)	LL	PL	PI	DESCRIPTION
●	Teichert N. Pile B-1	0.0	24	16	8	SANDY LEAN CLAY(CL)
⊠	Teichert N. Pile B-2	0.0	24	16	8	SANDY LEAN CLAY with GRAVEL(CL)

KA-ATTERBERG 106539-TP-GPJ 8/3/10



**PLASTICITY CHART**  
TRLIA PHASE 4 BORROW

PLATE

1 of 1

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Drafted By: CMP Project No.: 106539-TP  
Date: 8/3/2010 File Number: