

INFORMATION HANDOUT

For Contract No. [10-0X5604](#)

At [Sta - 99 - R18.0/R19.7](#)

Identified by

Project ID [1012000313](#)

Water Source Information

[TMS elements](#)

[Foundation Report](#)

Lao, Allen@DOT

From: Jose Cavazos <jcavazos@modestogov.com>
Sent: Thursday, April 28, 2016 1:53 PM
To: Lao, Allen@DOT
Subject: RE: EA 10-0X5601 Water Availability

Allen,

It was a pleasure talking with you yesterday. We have fire hydrants within the perimeter you are inquiring about and yes we do have hydrant meters available. Your contractor needs to go to Finance at 1010 tenth St. and ask for Marisa and complete an application for a Fire Hydrant meter permit. She can be contacted at (209)

577-5395. She will let your contractor know how the process works. Feel free to contact me if you have any further questions.

Thanks and have a great weekend.

José A. Cavazos
SR. Utilities Services Worker
& Cross Connection Specialist
Utilities Department
City of Modesto
(209) 342-2207



From: Lao, Allen@DOT [mailto:allen.lao@dot.ca.gov]
Sent: Wednesday, April 27, 2016 3:12 PM
To: Jose Cavazos
Subject: EA 10-0X5601 Water Availability

Hi Jose,

We are looking for potential sources of water for our project during construction. The project location is near Route 99 at the Carpenter/Briggsmore Ave interchange which will go to construction Spring of 2017. Our Contractor may contact you to inquire about purchasing water, however they may choose to purchase water from another source. As part of our requirements, in order for the project to be advertised we are obligated to list potential sources of water within a 50 mile radius to the project that have water available for purchase. Is a hydrometer available from the City for the Contractor to obtain water from a local fire hydrant? Please let me know.

Thanks!

Allen Lao

Project Engineer
Caltrans District 10
Design IV, Branch L
(209) 948-3888

Lao, Allen@DOT

From: Cipponeri, Veronica M@DOT
Sent: Friday, April 29, 2016 1:37 PM
To: Lao, Allen@DOT
Subject: RE: 10-0X5601 TMS Elements verification

Allen, please find listed here existing ITS elements with your project limits.

CO	RTE	PREFIX	POSTMILE	SUFFIX	DIR	LOCATION	ELEMENT	DETECTION TYPE
STA	99	M	018.530			SB @ Carpenter Road	Signal	Loops
STA	99	M	018.540			NB @ Briggsmore Avenue	Signal	Loops

Veronica Cipponeri
209-948-3869

From: Lao, Allen@DOT
Sent: Tuesday, April 26, 2016 1:17 PM
To: Cipponeri, Veronica M@DOT
Cc: Cordero, Arlene B@DOT
Subject: 10-0X5601 TMS Elements verification

Hi Veronica,

Requesting TMS element verification for the following project:

EA 10-0X5601/1012000313

10-Sta-99-PM R18.0/R19.7

In Stanislaus County in Modesto from 0.1 mile north of West Modesto Overhead to 0.5 mile south of Beckwith Road Overcrossing

Allen Lao

Project Engineer
Caltrans District 10
Design IV, Branch L
(209) 948-3888
"Room 258"

Memorandum

To: ALLEN LAO
Project Engineer
Caltrans District 10
Design IV, Branch L

Date: August 7, 2015

File: 10-Sta-99-PM R18.0/R19.7
Overhead Sign
EA 10-0X560
EFIS 1012000313

From: DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
GEOTECHNICAL SERVICES

Subject: Foundation Recommendations for an Overhead Sign (OHS)

A foundation investigation consisting of a field visit and literature search was completed for the proposed Overhead sign (OHS) - truss, single post. The OHS will be located at Sta-99 -PM18.7 along SB 99 before the Briggsmore Avenue Overcrossing. The work is part of the Carpenter/Briggsmore Road Interchange SB offramp reconstruction. This work requires removal of an existing sign structure and replacement with a new OHS to current signage guidelines.

Geology

Based on seven boreholes drilled within 0.5 mile of the project location, the foundation materials within 25 feet of the ground surface are expected to consist of interbedded loose to medium dense silty sands (fill and native material), medium stiff to hard clayey sands and sandy silts, and medium dense to dense poorly graded sands. Due to prior site activities and the sandy nature of the on-site soils, very loose or loose granular soils may be encountered near the ground surface. Ground water is expected to be more than 25 feet below the ground surface, but depending upon local surface water runoff conditions, some subsurface water may be encountered in the foundation soils present as perched water.

There is no potential for liquefaction at the proposed OHS location and foundation soils are not expected to be corrosive.

Foundation Recommendations

The proposed OHS truss, single post may be supported by a standard design CIDH pile foundation as shown on the Standard Plans utilizing Post Type Number VII. The pile diameter is 5'-0" and the length is 23'-0".

Construction Considerations

Temporary casing may be necessary to support the borehole sidewalls during foundation drilling, and steel reinforcement and concrete placement.

Supplemental Project Information

Standard Specifications Section 2-1.06B, "Supplemental Project Information," indicates that the special provisions will make supplemental project information to bidders. Items listed to be included in the information handout will be provided in Acrobat (.pdf) format to the addressee(s) of this report via electronic mail.

Data and Information included in the Information Handout include:

- A. Foundation Recommendations for an OHS- truss, single post, dated July 27, 2015.

The Foundation Recommendations included herein are based on specific project information regarding structure type and structure location that has been provided by CT Design and existing as-built boring log information. If you have any questions or comments, please feel free to contact John O'Leary @ (916) 227-1001.

Report Prepared by:



12/31/15

JOHN P. O'LEARY, P.E., No. 47675, G.E. 2366
Senior Transportation Engineer
Office of Geotechnical Design-North

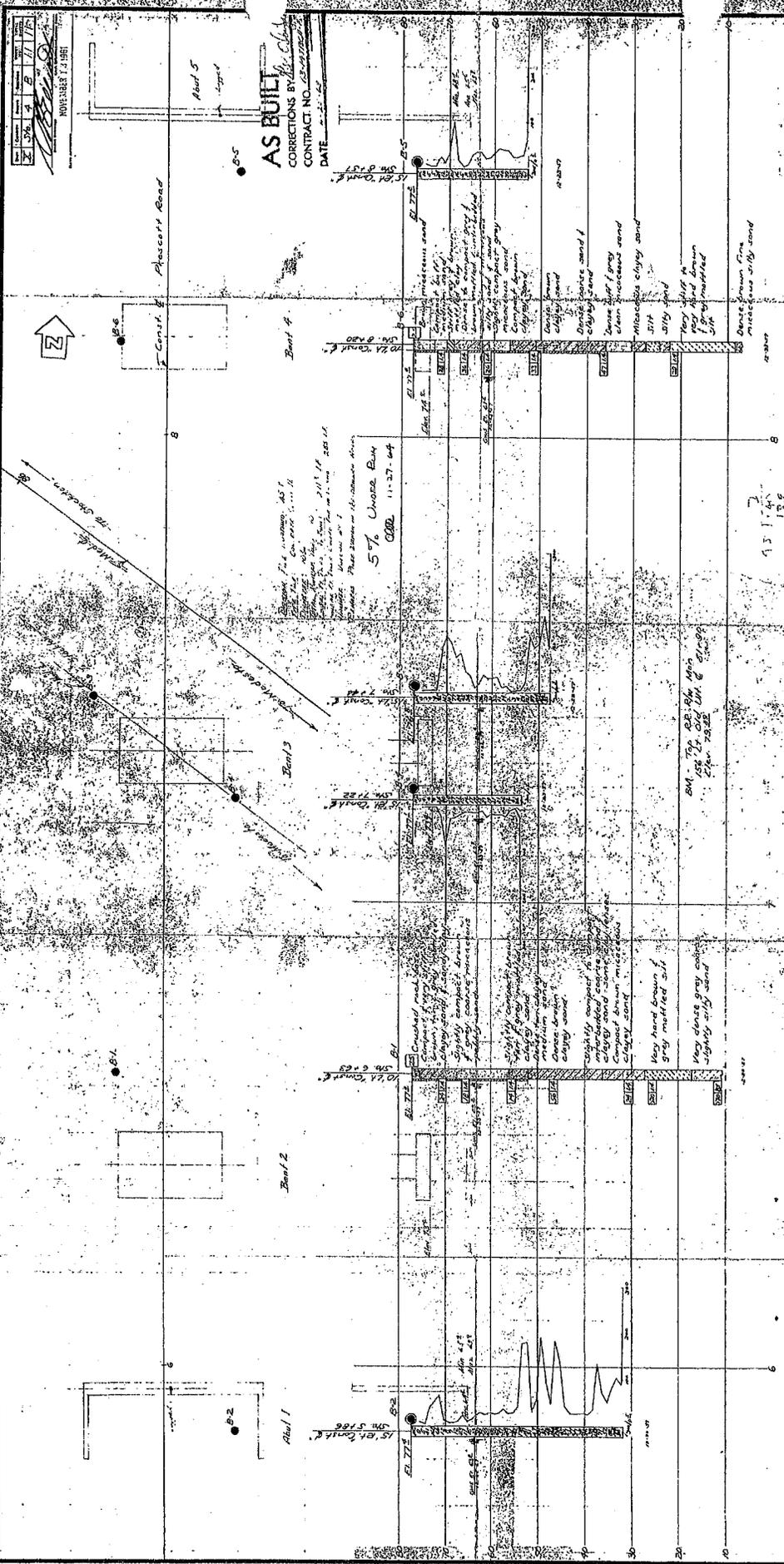
cc: Job File /JPO
Traci Menard
ATT: As-Built Boring Logs

F-17(13)
U-17(19)

NO.	DATE	BY	REVISION
1	11/17/51		
2	11/17/51		
3	11/17/51		
4	11/17/51		
5	11/17/51		
6	11/17/51		
7	11/17/51		

NOVEMBER 17 1951

AS BUILT
CORRECTIONS BY *W.C. Clark*
CONTRACT NO. *65000000*
DATE *11-17-51*



5% CHOOSE BAY
CORR. 11-27-51

PRESCOTT ROAD OVERCROSSING

LOG OF TEST BORINGS

Sheet No. 1733

Scale 3/8" = 1'

NOTES

The instrument is shown in Section 7-105 of the Standard Specifications for Highway Construction, 1951 Edition, and is the Special Provision accompanying the set of plans. The instrument is to be used in accordance with the instructions and is to be used in accordance with the instructions.

LEGEND OF BOREHOLE OPERATIONS

- Plot of any borings
- Pneumometer
- 24" Core Projector
- Sampler boring (SB)
- Rotary boring (RB)
- Auger boring (AB)
- J-Tube boring
- Core bucket
- Test pit

LEGEND OF EARTH MATERIALS

- Silty Clay or Clayey Silt
- Lean clay
- Organic matter
- Fill material
- Igneous rock
- Sedimentary rock
- Metamorphic rock

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE-SEE LIMITS

Diagram showing the basis for estimates. If limits are present in appreciable amounts the terms "SANDY", "SANDY SILT", "SILT", "CLAY", "CLAYEY SILT", "CLAYEY SAND", "SANDY CLAY", "SANDY SILT", "SILT", "CLAY", "CLAYEY SILT", "CLAYEY SAND" should be used.

NO.	DATE	BY	REVISION
1	11/17/51		
2	11/17/51		
3	11/17/51		
4	11/17/51		
5	11/17/51		
6	11/17/51		
7	11/17/51		

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