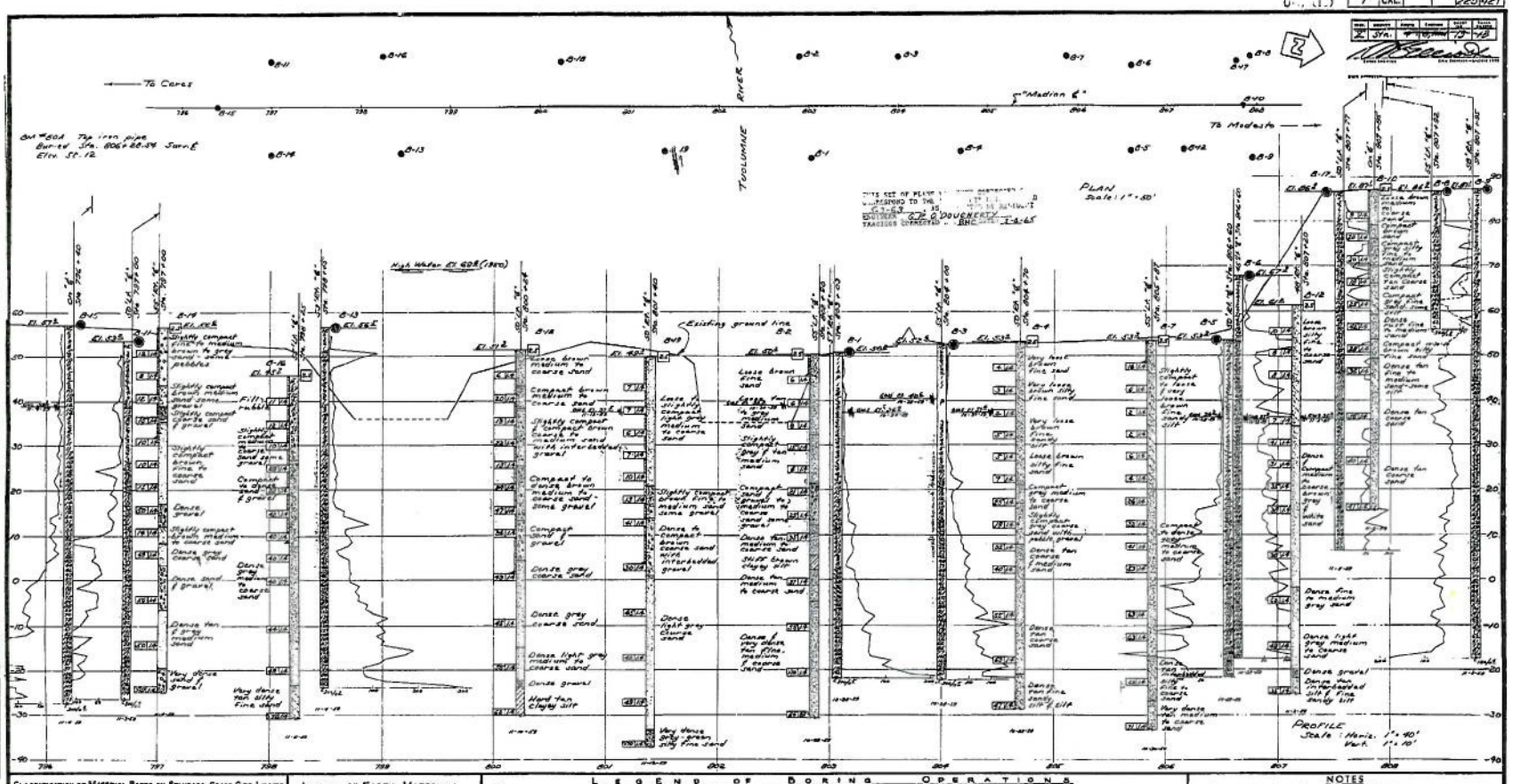
AS BUILT PLANS
Contract No. 63-14T13C11
Date Completed
Document No. 0000 1196

BRIDGE DEPARTMENT



CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES.

IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

SILT PERCENTAGES

LEGEND OF EARTH MATERIALS

- GRAVEL
- SAND
- SILT
- CLAY
- SANDY CLAY OR CLAYEY SAND
- SANDY SILT OR SILTY SAND
- SILTY CLAY OR CLAYEY SILT
- PEAT AND/OR ORGANIC MATTER
- FILL MATERIAL
- IGNEOUS ROCK
- SEDIMENTARY ROCK
- METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2½" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT

1" SOIL TUBE

ROTARY BORING

PENETRATION BORING

NOTES

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

TUOLUMNE RIVER BRIDGE

LOG OF TEST BORINGS

SCALE As Noted | BRIDGE 38-78 ¾ | FILE E-38 | DRAWING C-3277-13

PREL. DRAWING NO. P-3277 34

PR-3277-5

225

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 2-1-71 SIGNATURE [signature] TITLE

FED. ROAD DIV. NO.	STATE	DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CAL.				212421

DIST.	COUNTY	ROUTE	POST MILE	SHEET NO.	TOTAL SHEETS
X	STA	49	7.5	18	

AS BUILT PLANS
Contract No. 63-147130 11
Date Completed
Document No. 00001196

BRIDGE DEPARTMENT

PLAN
SCALE 1"=20'

"CROWS LANDING RD OC"

PROFILE
SCALE 1"=10'

BM #77
SQUARE PAINTED ON CONCRETE @ EGGAL SERVICE STATION CROWS LANDING 17Lt 773+88 Survey
℄ EL. 74.01

Slightly compact brown silty fine to coarse sand.
Very stiff interbedded very fine sandy silt & fine sand.
Slightly compact to compact light gray silty very fine to medium sand.
Very stiff light gray silt.
Dense tan medium to coarse sand some silt.
Very stiff brown fine to coarse sandy silt.
Very stiff light gray var. fine sandy silt (moist).
Dense (hard light gray very fine sandy silt & fine sand interbedded.
Dense light gray medium to coarse sand.

Stiff (slightly compact to very stiff) compact interbedded sand, fair to compact brown silty fine to coarse sand.
Dense (hard interbedded, brown to gray very fine sand & silt.
Dense tan medium to coarse sand.
Very stiff brown fine to coarse sandy silt to silty sand.
Hard light gray silt.
Very stiff tan silt
Very dense gray fine sand.
Dense fine sand some silt.
Dense tan coarse sand.

Loose tan fine to coarse sand to slightly compact medium to coarse sand.
Stiff light gray silt
Dense brown silty fine to coarse sand.
Hard light gray silt
Dense gray silty fine sand
Hard brown fine sandy silt
Very stiff light gray silt.
Compact tan to gray very fine to fine sand - some silt.
Dense tan medium to coarse sand.

THIS SET OF PLANS WAS ACCURATELY AS CORRESPOND TO THE "AS BUILT" PLANS PREPARED AS SUBSTITUTED BY REVISION 2
DATED 6-23-65 R.D. DOUGHERTY
TRACINGS CORRECTED 8-18-65 DATE 8-31-65

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRAVE SIZE LIMITS

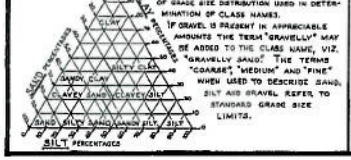


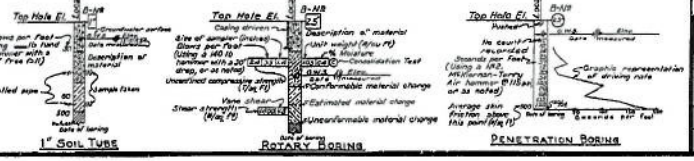
DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES.
IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND." THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

- GRAVEL
- SAND
- SILT
- CLAY
- SANDY CLAY OR CLAYEY SAND
- SANDY SILT OR SILTY SAND
- SILTY CLAY OR CLAYEY SILT
- PEAT AND/OR ORGANIC MATTER
- FILL MATERIAL
- IGNEOUS ROCK
- SEDIMENTARY ROCK
- METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2½" CORE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT



NOTES

The contractor's attention is directed to Section 2-1.03 of the Standard Specifications and to the Special Provisions accompanying this set of plans.
Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

CROWS LANDING ROAD OVERCROSSING

LOG OF TEST BORINGS

SCALE AS SHOWN | BRIDGE 36-77 | FAS | DRAWING 0-3276-33

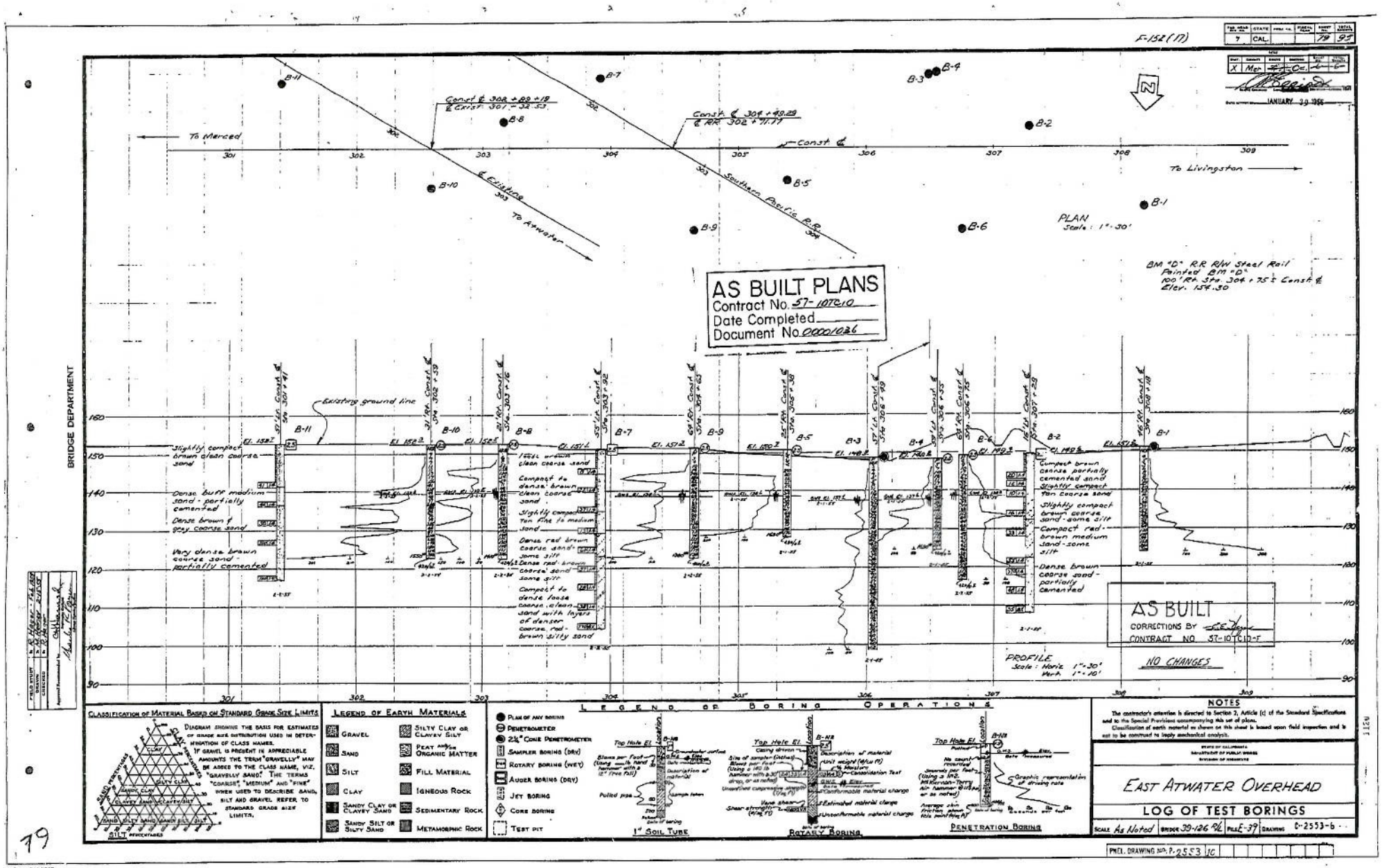
212

FC 3276-3

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE / / SIGNATURE TITLE

CutPDF - www.fastio.com



I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 9/15/71 SIGNATURE [signature] TITLE HAC II

ClibPDF - www.fastio.com

FED. ROAD DIST. NO.	STATE	DIST. NO.	FISCAL YEAR	SHEET NO.	SHEET TOTAL
7	CAL.			153	242

DES.	CHECKED	QUAN.	DATE	SCALE	DWG. NO.
K. Mac			5-16-60		46-46

May 16, 1960

BRIDGE DEPARTMENT

AS BUILT PLANS
Contract No. 61-107136
Date Completed
Document No. 0000 1124

PLAN
Scale: 1" = 20'

BM - Mag. #20 - at ℄ intersection 13th Street ℄ G Street in Merced. Elev. 166.11'

Abut. No. 1 %
Design Pile Loading: 45 T
Type Pile: Cast-in-drilled-tube
Diameter: 16"
Total number of Piles: 126 "CCO"13"
Lineal ft. Piles "As Built" C.C.O. "13: 2148
Lineal ft. Piles on Plans: C.C.O. "13
Remarks: Driven and furnished piles were eliminated and cast-in-drilled-hole piles were constructed under C.C.O. "13 force account; because of 12 KV, P.G.&E. overhead wires.
Drilled to specified Tip Elev. 145'

Abut. No. 2 %
Design Pile Loading: 45 T
Type Pile: Raymond step-taper
Diameter: Tip 10¼" Butt 15¾"
Total Number Piles: 122
Lineal ft. Piles "As Built": 3680
Lineal ft. Piles called for on Plans: 4085
Hammer: Raymond Vulcan #1 (5500 lb. Ram)
Remarks: Specified Tip Elev. 145'

PENETRATION	12" Dr.	18" Dr.
Max.	150#	151#
Ave.	137#	139#
Min.	116#	149#

PROFILE
Scale: 1" = 10'

THIS SET OF PLANS HAS BEEN CORRECTED TO CONFORMED TO THE "AS BUILT" PRINTS DATED 10-24-60 AS SUBMITTED BY RESIDENT ENGINEER — K. HIRAMOTO
TRACINGS CORRECTED BY [illegible] DATE 11-14-60

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRAIN SIZE LIMITS

Diagram showing the basis for estimates of grain size distribution used in determination of class names. If gravel is present in appreciable amounts the term "gravelly" may be added to the class name, viz. "gravelly sand." The terms "coarse," "medium" and "fine" when used to describe sand, silt and gravel, refer to standard grain size limits.

SILT PERCENTAGES

LEGEND OF EARTH MATERIALS

- Gravel
- Sand
- Silt
- Clay
- Sandy Clay or Clayey Sand
- Sandy Silt or Silty Sand
- Silty Clay or Clayey Silt
- Peat and Other Organic Matter
- Fill Material
- Igneous Rock
- Sedimentary Rock
- Metamorphic Rock

LEGEND OF BORING OPERATIONS

- Plug of any boring
- Penetrometer
- 2½" Cone Penetrometer
- Sampler boring (dry)
- Rotary boring (wet)
- Auger boring (dry)
- Jet boring
- Core boring
- Test pit

1" Soil Tube — Rotary Boring — Penetration Boring

NOTES

1. Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

"G" STREET UNDERCROSSING

LOG OF TEST BORINGS

Scale As Noted | Design 39-142 ¾ | Fill | Drawing C-6009 L2

M&L. DRAWING NO. P-6009 M

RE-6009-2

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND COMPARED ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

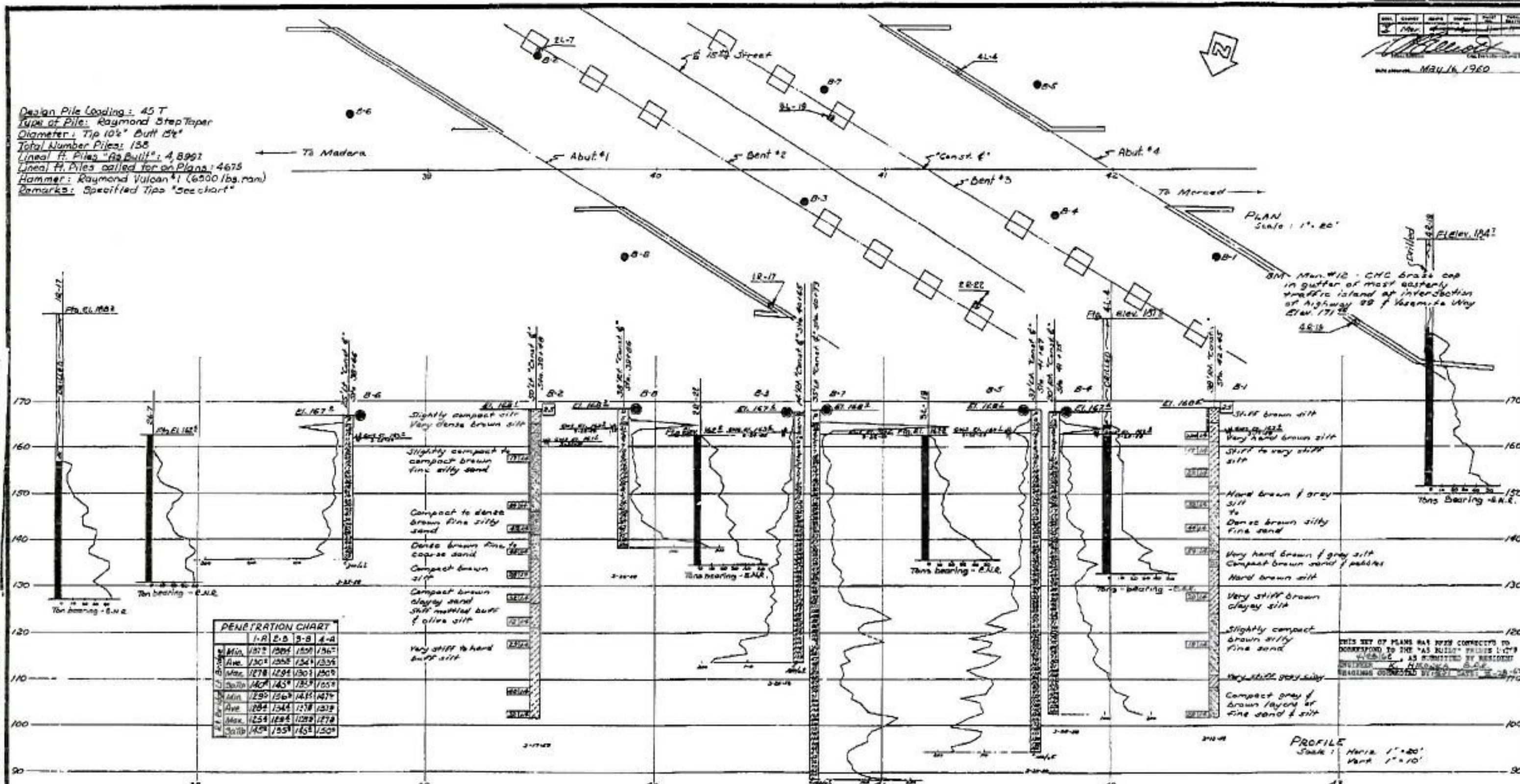
DATE _____ SIGNATURE _____ TITLE _____

153

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS - MICROFILM

Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
7	CAL.			141	242

May 16, 1960



PENETRATION CHART		1-A	2-B	3-B	4-A
Lt. Bridge	Min.	131±	138±	135±	136±
	Ave.	130±	135±	134±	133±
	Max.	127±	129±	130±	130±
	Spec.	140±	143±	135±	155±
Rt. Bridge	Min.	129±	136±	141±	147±
	Ave.	128±	134±	127±	131±
	Max.	125±	129±	128±	127±
	Spec.	145±	155±	145±	150±

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS ... AS SUBMITTED BY RESIDENT ENGINEER K. HIRONAKA

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES.
IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

Gravel · Sand · Silt · Clay · Sandy Clay or Clayey Sand · Sandy Silt or Silty Sand · Silty Clay or Clayey Silt · Peat and/or Organic Matter · Fill Material · Igneous Rock · Sedimentary Rock · Metamorphic Rock

LEGEND OF BORING OPERATIONS

Plan of any boring · Penetrometer · 2½" Cone Penetrometer · Sampler boring (dry) · Rotary boring (wet) · Auger boring (dry) · Jet boring · Core boring · Test pit

1" Soil Tube · Rotary Boring · Penetration Boring

NOTES

[redacted]

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

15TH STREET UNDERCROSSING

LOG OF TEST BORINGS

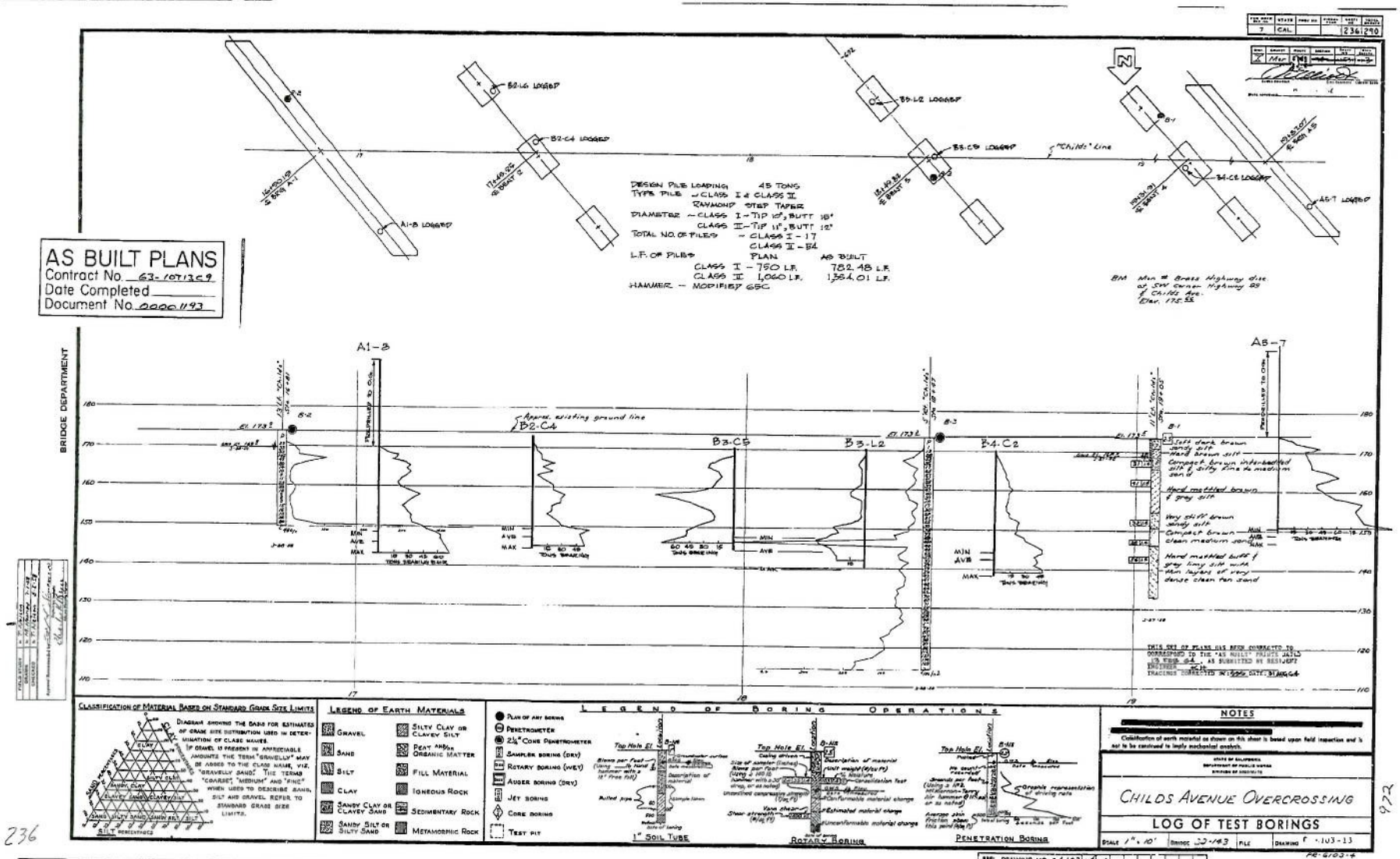
Scale As Noted · Bridge 39-139 R/L · File E-39 · Drawing C-5986-1-1

PR-5986-2

141

AS BUILT PLANS
Contract No. 61-10T13C9
Date Completed
Document No. C0001124

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE ____ SIGNATURE ____ TITLE ____



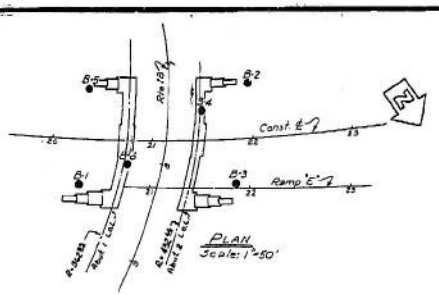
AS BUILT PLANS
Contract No. 63-10T13C9
Date Completed
Document No. 0000 1193
BRIDGE DEPARTMENT
DESIGN PILE LOADING 45 TONS
TYPE PILE – CLASS I & CLASS II
RAYMOND STEP TAPER
DIAMETER – CLASS I – TIP 10", BUTT 15"
CLASS II – TIP 11", BUTT 12"
TOTAL NO. OF PILES – CLASS I – 17
CLASS II – 54
L.F. OF PILES PLAN AS BUILT
CLASS I – 750 L.F. 782.48 L.F.
CLASS II 1,060 L.F. 1,354.01 L.F.
HAMMER – MODIFIED 65C
"Childs" Line
A1-8 LOGGED
B2-C4 LOGGED
B3-C5 LOGGED
B4-C2 LOGGED
A5-7 LOGGED
A1-8
B2-C4
B3-C5
B3-L2
B4-C2
A5-7
Approx. existing ground line
Soft dark brown sandy silt
Hard brown silt
Compact brown interbedded silt & silty fine to medium sand
Hard mottled brown & grey silt
Very stiff brown sandy silt
Compact brown clean medium sand
Hard mottled buff & grey limy silt with thin layers of very dense clean tan sand
THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATE 13 FEB 64, AS SUBMITTED BY RESIDENT ENGINEER
TRACINGS CORRECTED BY: DATE: 31 AUG 64
CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS
DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES.
IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.
LEGEND OF EARTH MATERIALS
GRAVEL
SAND
SILT
CLAY
SANDY CLAY OR CLAYEY SAND
SANDY SILT OR SILTY SAND
SILTY CLAY OR CLAYEY SILT
PEAT AND/OR ORGANIC MATTER
FILL MATERIAL
IGNEOUS ROCK
SEDIMENTARY ROCK
METAMORPHIC ROCK
LEGEND OF BORING OPERATIONS
PLAN OF ANY BORING
PENETROMETER
2¼" CONE PENETROMETER
SAMPLER BORING (DRY)
ROTARY BORING (WET)
AUGER BORING (DRY)
JET BORING
CORE BORING
TEST PIT
1" SOIL TUBE
ROTARY BORING
PENETRATION BORING
NOTES
Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
CHILDS AVENUE OVERCROSSING
LOG OF TEST BORINGS
SCALE 1" = 10'
BRIDGE 33-143
FILE
DRAWING F-103-13
FEEL DRAWING NO. F-6103/6
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE SIGNATURE TITLE

236

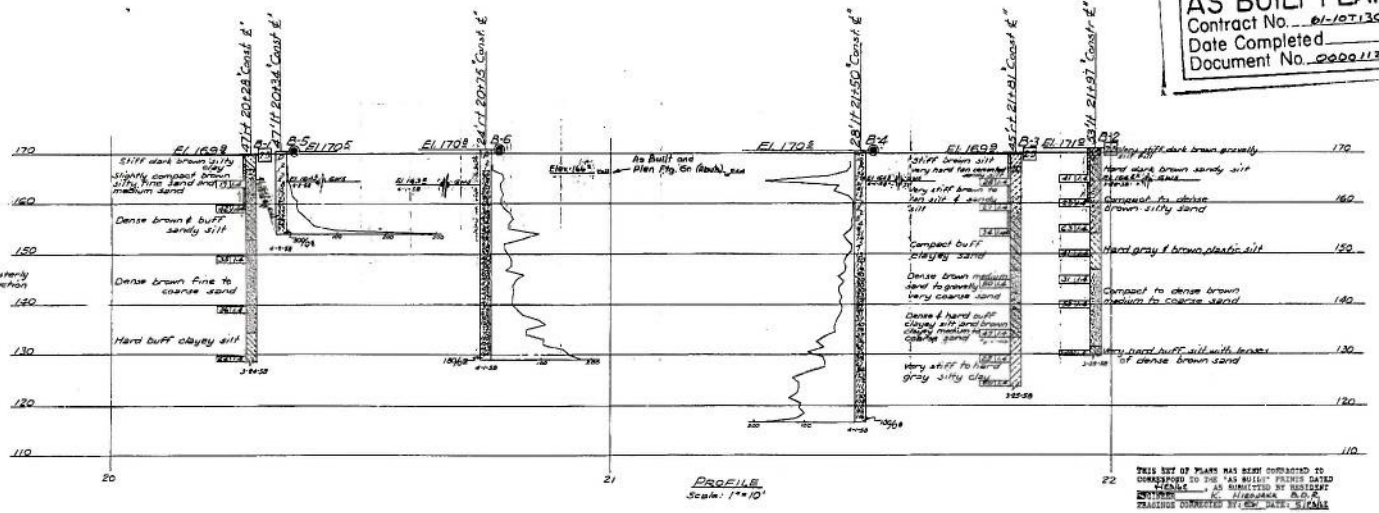
972

DIST.	COUNTY	ROUTE	POST MILE	TOTAL PROJECT
X	Mon	4	11.1	11.4

MAY 16, 1960



AS BUILT PLANS
Contract No. 61-10T13C9
Date Completed
Document No. 0000 1124



THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 9/15/61, AS SUBMITTED BY RESIDENT ENGINEER R.C. NIEMANN R.E. TRACINGS CORRECTED BY: KW DATE: 9/15/61

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRAIN SIZE LIMITS

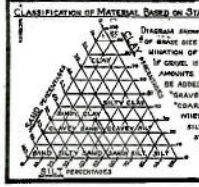


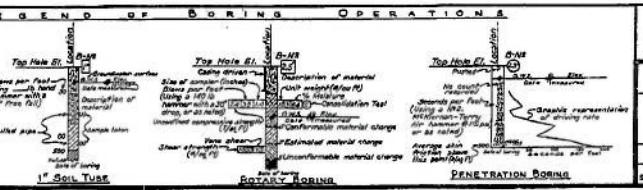
Diagram showing the bands for estimates of grain size distribution used in determination of class names.
If gravel is present in appreciable amounts the term "gravelly" may be added to the class name, viz. "gravelly sand." The terms "coarse," "medium" and "fine" when used to describe sand, silt and gravel refer to standard grain size limits.

LEGEND OF EARTH MATERIALS

- Gravel
- Sand
- Silt
- Clay
- Sandy Clay or Clayey Sand
- Sandy Silt or Silty Sand
- Silty Clay or Clayey Silt
- Peat and/or Organic Matter
- Fill Material
- Igneous Rock
- Sedimentary Rock
- Metamorphic Rock

LEGEND OF BORING OPERATIONS

- Plan of any boring
- Penetrometer
- 2½" Cone Penetrometer
- Sampler borings (DRV)
- Rotary boring (WEY)
- Auger boring (DRV)
- Jet boring
- Core boring
- Test pit



NOTES

Classification of earth material as shown on this sheet is based upon field inspection and laboratory tests and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

RTE 4-AB-SEPARATION

LOG OF TEST BORINGS

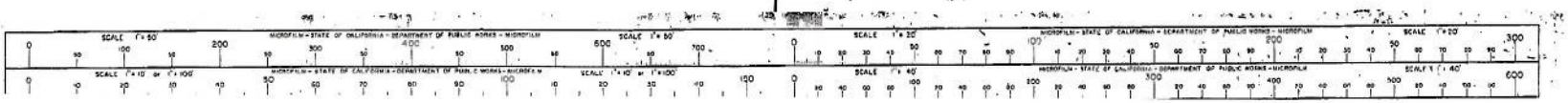
SCALE As shown | BRIDGE 39-140 6/L | FILE 4-AB-39 | DRAWING C-6007-11

PREL. DRAWING NO. P-6007 12

PE-6007-3

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE _____ SIGNATURE _____ TITLE _____



DIST	COUNTY	ROUTE	POST MILE	SHEET NO	TOTAL SHEETS
X	STA	99	7.9	19	

DIST	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO	TOTAL SHEETS
7	CAL.			212	421

AS BUILT PLANS
Contract No. 63-147131
Date Completed
Document No. 00001196

BRIDGE DEPARTMENT

FIELD STUDY — Sept. 1965
CHECKED — Sept. 1965
APPROVED — [illegible]

PLAN
SCALE 1"=20'

"CROWS LANDING RD O.C."

TUBULAR ℄

MED ℄

ACCESS TO

B-7 B-5 B-3 B-2 B-4 B-1 B-6 B-8

PROFILE
SCALE 1"=10'

B-5 EL 75.3 — 30.5' "CROWS LANDING RD O.C."
B-7 EL 76.2 — 32.4' "CROWS LANDING RD O.C."
B-3 EL 75.1 — 35.5' "CROWS LANDING RD O.C."
B-8 EL 75.2 — 35.5' "CROWS LANDING RD O.C."
B-2 EL 75.8 — 35.4' "CROWS LANDING RD O.C."
B-1 EL 75.8 — 14.5' "CROWS LANDING RD O.C."
B-6 EL 75.2 — 13.5' "CROWS LANDING RD O.C."
B-4 EL 76.2 — 35.5' "CROWS LANDING RD O.C."

B-5: Slightly compact brown silty fine to coarse sand. / Very stiff interbedded very fine sandy silt & fine sand. / Slightly compact to compact light gray silty very fine to medium sand. / Very stiff light gray silt. / Dense tan medium to coarse sand, some silt. / Very stiff brown fine to coarse sandy silt. / Very stiff light gray ver. fine sandy silt (moist). / Dense (hard) light gray very fine sandy silt & fine sand interbedded. / Dense light gray medium to coarse sand.

B-7: Dense tan medium to coarse sand.

B-3: Dense tan coarse sand.

B-8: Stiff & slightly compact to very stiff/compact interbedding sand (soft to compact brown silty fine to coarse sand. / Dense (hard, interbedded, brown to gray very fine sand & silt / Dense tan medium to coarse sand. / Very stiff brown fine to coarse, sandy silt to silty sand. / Hard, light gray silt. / Very stiff tan silt / Very dense gray fine sand. / Dense fine sand, some silt.

B-2: Dense tan coarse sand.

B-1: Dense fine sand.

B-6: Loose tan fine to coarse sand to slightly compact medium to coarse sand. / Stiff light gray silt / Dense brown silty fine to coarse sand. / Hard, light gray silt / Dense gray silty fine sand. / Hard brown fine sandy silt / Very stiff light gray silt. / Compact, tan to gray very fine, to fine sand, some silt. / Dense tan medium to coarse sand.

B-4: Loose tan fine to coarse sand. / Stiff light gray silt / Dense brown silty fine to coarse sand. / Hard, light gray silt / Dense gray silty fine sand. / Hard brown fine sandy silt / Very stiff light gray silt.

BM #77
SQUARE PAINTED ON CONCRETE @ EGAL SERVICE STATION CROWS LANDING 17'Lt 773+88 SURVEY ℄ EL. 76.01

THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" CONDITIONS AS SHOWN BY RECORD DATA FURNISHED BY THE ENGINEER
5-2-67
ENGINEER C. P. O'DONNELL
TRACINGS COMPLETED 5-18-67 CHECKED 5-24-67

CLASSIFICATION OF MATERIAL BASED ON STANDARD GRAIN SIZE LIMITS

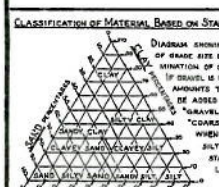


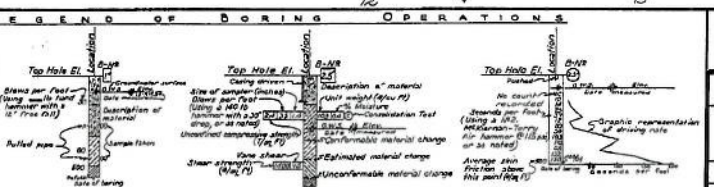
DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES. IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND." THE TERMS "COARSE," "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.

LEGEND OF EARTH MATERIALS

- GRAVEL
- SAND
- SILT
- CLAY
- SANDY CLAY OR CLAYEY SAND
- SANDY SILT OR SILTY SAND
- SILTY CLAY OR CLAYEY SILT
- PEAT AND/OR ORGANIC MATTER
- FILL MATERIAL
- IGNEOUS ROCK
- SEDIMENTARY ROCK
- METAMORPHIC ROCK

LEGEND OF BORING OPERATIONS

- PLAN OF ANY BORING
- PENETROMETER
- 2½" CONE PENETROMETER
- SAMPLER BORING (DRY)
- ROTARY BORING (WET)
- AUGER BORING (DRY)
- JET BORING
- CORE BORING
- TEST PIT



NOTES

The contractor's attention is directed to Section 2-1.03 of the Standard Specifications and to the Special Provisions accompanying this set of plans.
Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

CROWS LANDING ROAD OVERCROSSING

LOG OF TEST BORINGS

SCALE AS SHOWN | BRIDGE 36-77 | FILE 437 | DRAWING 0-3276-33

212

FC 50 W-3

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DATE / / SIGNATURE TITLE

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS - MICROFILM

SCALE 1"=20' SCALE 1"=20'

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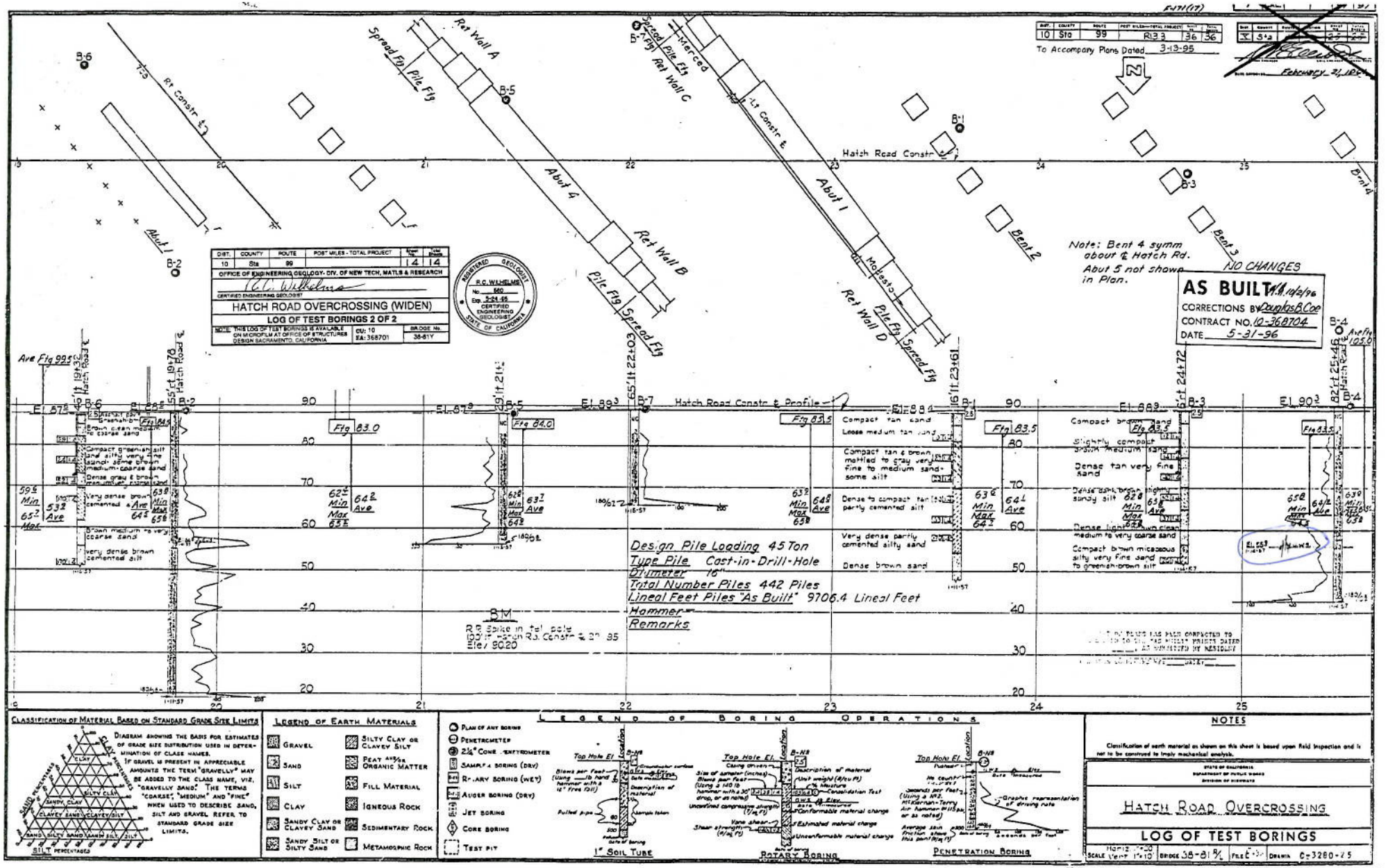

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PER. REV.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CAL			282	282

DIST.	COUNTY	ROUTE	POST MILE	SHEET NO.	TOTAL SHEETS
10	Mer	4	C	7	7

May 16, 1960

BRIDGE DEPARTMENT

AS BUILT PLANS
Contract No. 61-107136?
Date Completed
Document No. 0000 1124

BM Min #37 Brass cap set in concrete 66' Lt. 71+48 "Const ℄" Elev 162.82

PLAN
Scale : 1" = 50'

PROFILE
Scale : 1"=10'

BLACK RASCAL CANAL BRIDGE

BLACK RASCAL CANAL Rt. Fr. Road Br.

	BLACK RASCAL CANAL BRIDGE	BLACK RASCAL CANAL Rt. Fr. Road Br.
Design Load:	45T	45T
Type of Pile:	Raymond Step Taper Concrete Pile	
Diameter:	Tip 10½" Butt 15½"	Tip 11" Butt 15½"
Total No. of Piles:	25	18
Lineal Ft. of Piles As Built:	1099 ft	760 ft
Engineers Est. (Plan Quant)	870	630
Hammer	Raymond C-45	
Specified Tip:	130	130
Remarks:	All piles driven below specified tip. Increase of bearing value noted upon re-driving. At Bent 3 Left end pile extension built on cap set below ground and supported on 2 piles C.C.C. 46. For additional logged piles see Fb p-2	Same

B-3 El. 157.8 — Stiff brown silt; Dense brown sandy silt; Loose brown fine silty sand; Slightly compact to compact brown sand; Hard to very hard buff silt; Very stiff to hard buff silt; Compact brown sand

B-A1-4 — El. 161.5 — Loose brown silt (Loose.); Loose brown silt; Slightly compact brown sandy silt; Slightly compact brown layers of silt & sand; Very loose to loose brown silty sand; Compact brown medium sand; Very stiff buff silt; Hard buff silt; Dense grey iron stained fine silty sand; Very stiff grey silt; Dense to very dense grey medium sand

B-1 — El. 161.5

RFR A1-1 — 156.4

RFR B3-5 — 149.8

BR A5-4 — 156.4

B-2 — El. 157.8

RFR A5-1 — 156.5

Thos Berglund C.E.

PENETRATION

Black Rascal Canal	Rt. Fr. Road				
Min.	1168	1253	1128	1218	1278
Ave.	1151	1164	1123	1162	1275
Max.	1178	1183	1123	1152	1274
	1	2	3	4	5

Black Rascal Canal Br.					
Min.	1158	1153	1138	1153	1205
Ave.	1146	1127	1122	1154	1182
Max.	1164	1124	1104	1143	1172
	1	2	3	4	5

Duplicate set of plans has been checked to correspond to the as built plans of the structure as submitted by the engineer. Plotting checked by ____ Date ____

Classification of Material Based on Standard Grade Size Limits

Diagram showing the basis for estimates of grade size distribution used in determination of class names. If gravel is present in appreciable amounts the term "gravelly" may be added to the class name, viz. "gravelly sand". The terms "coarse", "medium" and "fine" when used to describe sand, silt and gravel refer to standard grade size limits.

Silt percentages

Legend of Earth Materials

- Gravel
- Sand
- Silt
- Clay
- Sandy Clay or Clayey Sand
- Sandy Silt or Silty Sand
- Silty Clay or Clayey Silt
- Peat and/or Organic Matter
- Fill Material
- Igneous Rock
- Sedimentary Rock
- Metamorphic Rock

Legend of Boring Operations

- Plan of any boring
- Penetrometer
- 2½" Core Penetrometer
- Sampler boring (dry)
- Rotary boring (wet)
- Auger boring (dry)
- Jet boring
- Core boring
- Test pit

1" Soil Tube — Top Hole El. — Blows per Foot (Using ___ lb hand hammer with a 12" Free fall) — Pulled pipe — Sample taken — Depth of boring

Rotary Boring — Top Hole El. — Casing driven — Size of sampler (inches) — Blows per foot (Using a 140 lb hammer with a 30" drop, or as noted) — Unconfined compressive strength (Tons/ft²) — Vane shear strength (Kips/ft²) — Description of material — Unit weight (lb/cu ft) — % Moisture — Consolidation Test — Unconformable material change — Estimated material change — Unconformable material change

Penetration Boring — Top Hole El. — Pushed — No. count recorded — Seconds per foot (Using a 140 lb. Mc Kiernan-Terry Air hammer with 18 in. air as noted) — Average skin friction (Tons per sq. ft.) — Graphic representation of driving rate

NOTES

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

State of California
Department of Public Works
Division of Highways

Black Rascal Canal

Log of Test Borings

Scale As Noted | 39-10R/L 12 Bridge 39C-37 | 5-59 File | Drawing C-6490-1

Dist. Drawing No. B-6490 | 8 | 18 | 42

PR: 6436-4
PR: 6490-3

I hereby certify that this is a true and accurate copy of the above document taken under my direction and control on this date in Sacramento, California pursuant to authorization by the Director of Public Works.

Date ____ Signature ____ Title ____

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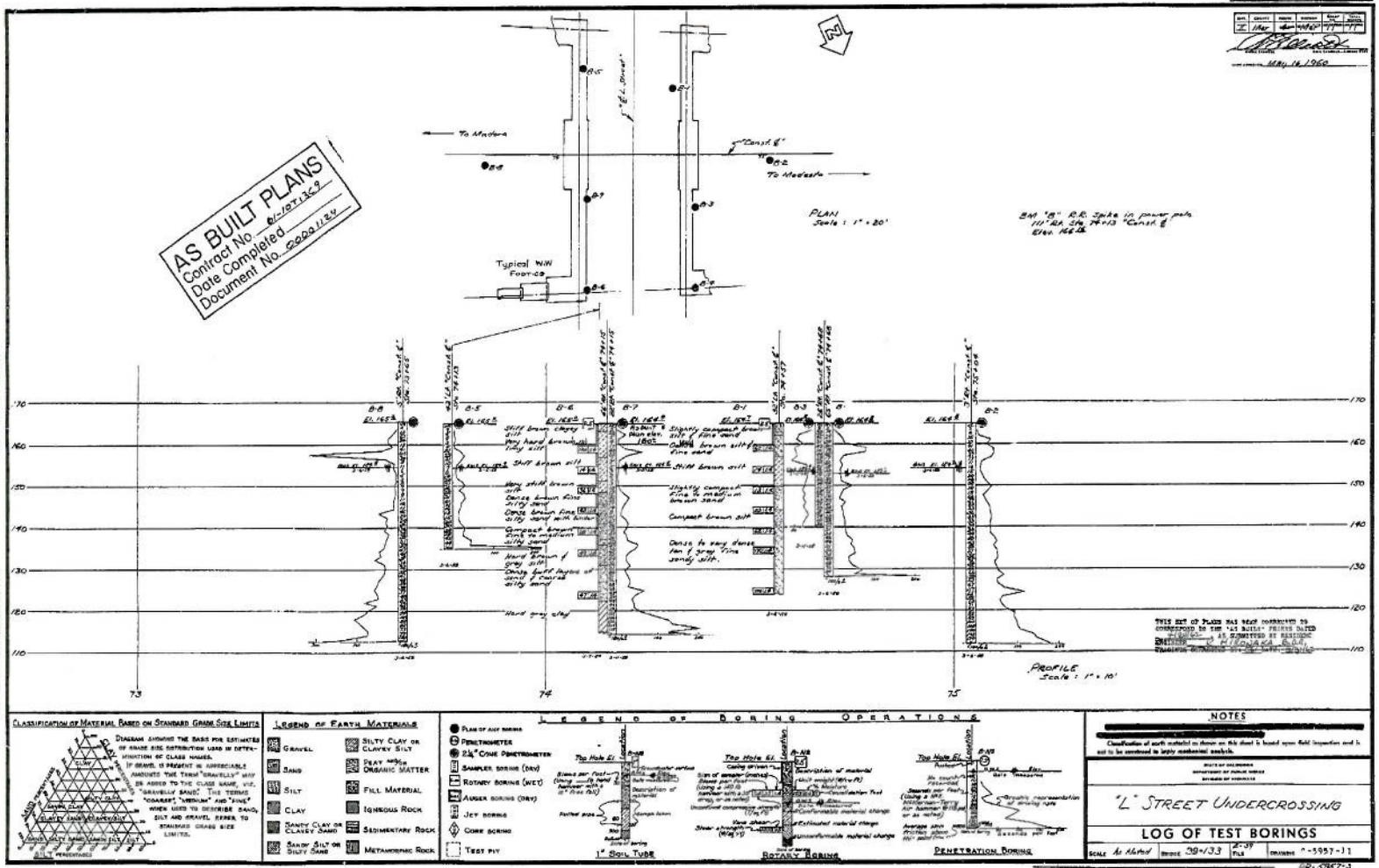

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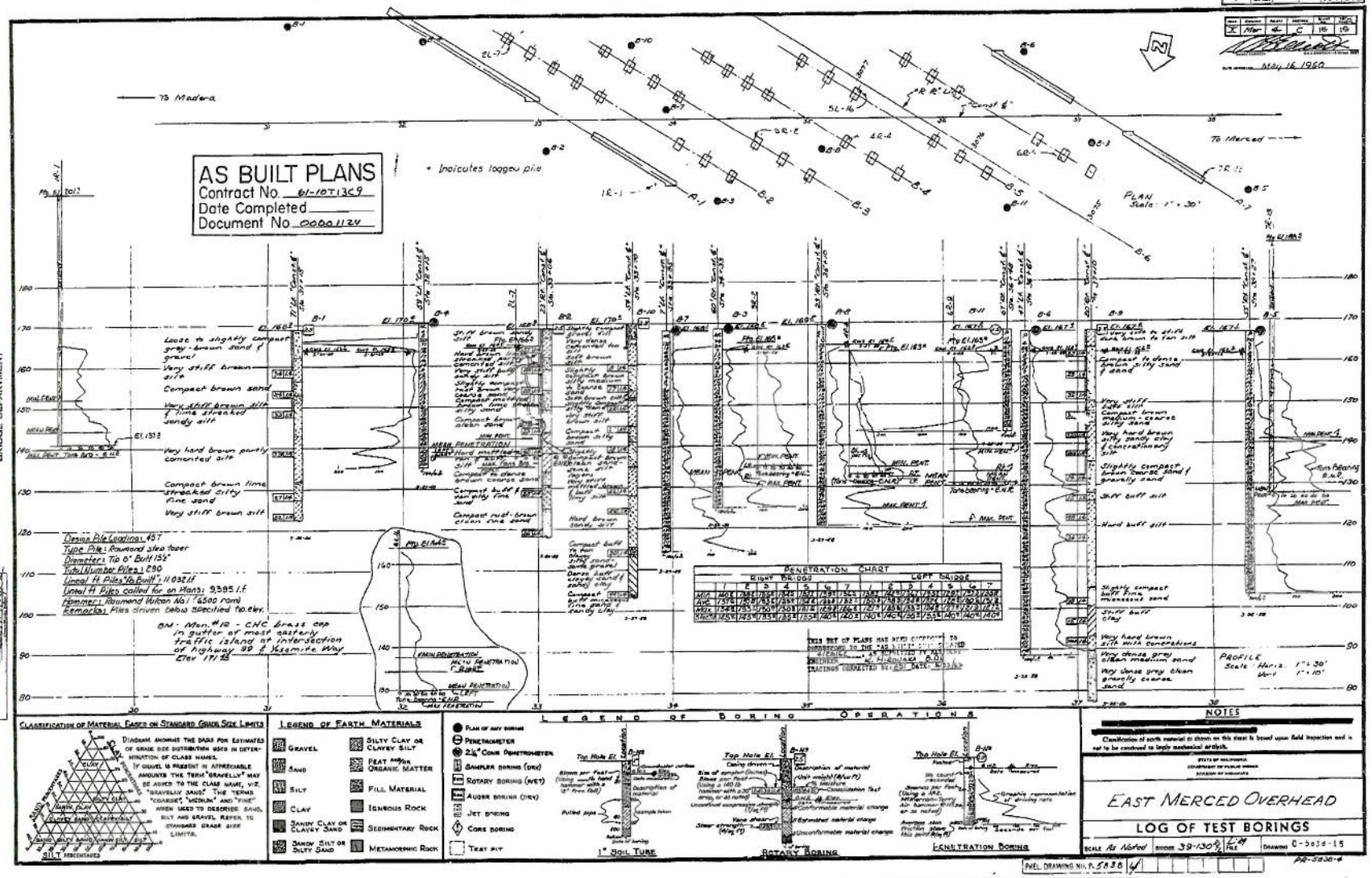
DATE _____ SIGNATURE _____ TITLE _____



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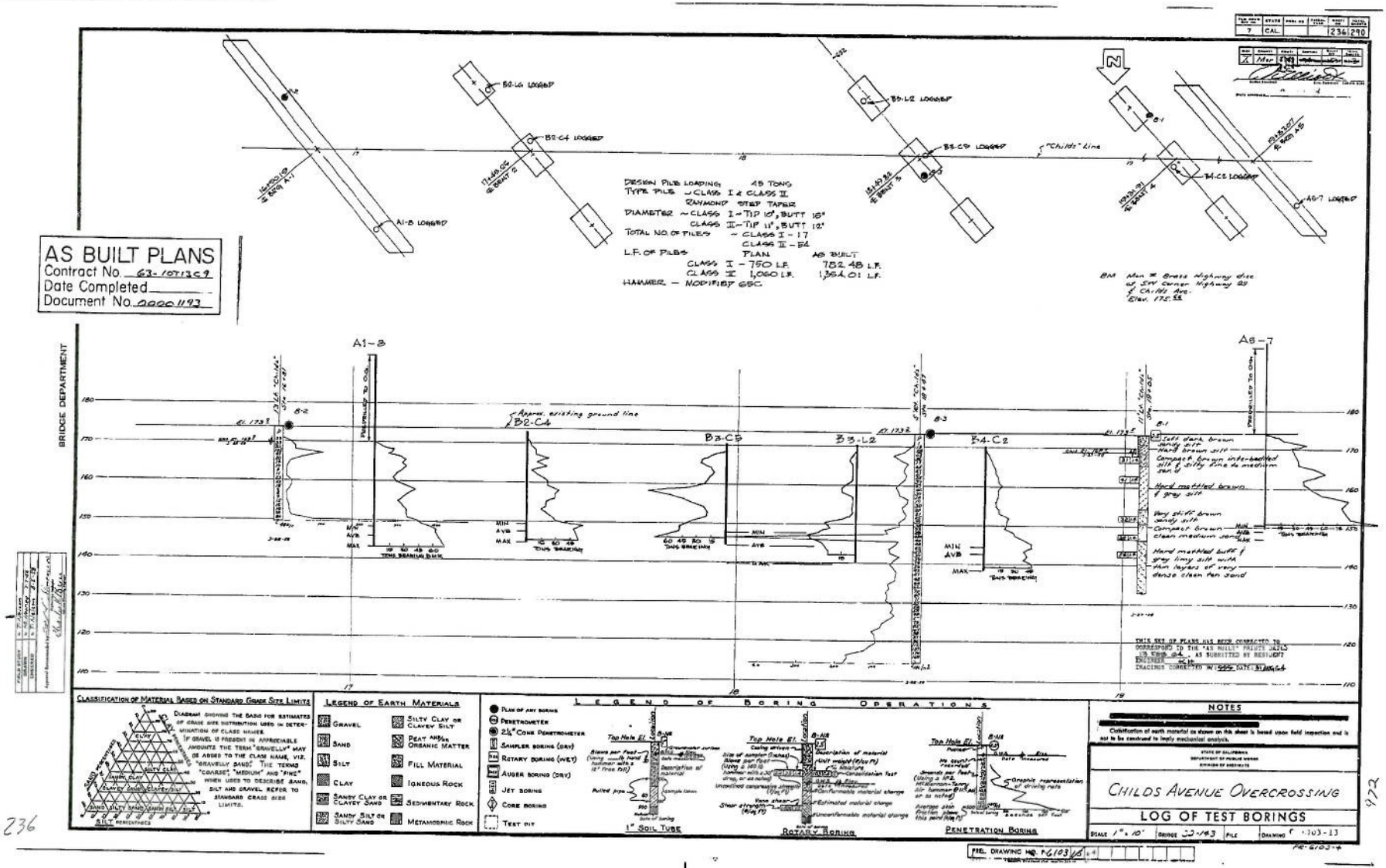
DATE _____ SIGNATURE _____ TITLE _____

107



AS BUILT PLANS
Contract No. 63-10T13C9
Date Completed
Document No. 0000 1193
BRIDGE DEPARTMENT
DESIGN PILE LOADING 45 TONS
TYPE PILE – CLASS I & CLASS II
RAYMOND STEP TAPER
DIAMETER – CLASS I – TIP 10", BUTT 15"
CLASS II – TIP 11", BUTT 12"
TOTAL NO. OF PILES – CLASS I – 17
CLASS II – 54
L.F. OF PILES PLAN AS BUILT
CLASS I – 750 L.F. 782.48 L.F.
CLASS II 1,060 L.F. 1,354.01 L.F.
HAMMER – MODIFIED 65C
"Childs" Line
A1-8 LOGGED
B2-C4 LOGGED
B3-L2 LOGGED
B3-C5 LOGGED
B4-C2 LOGGED
A5-7 LOGGED
A1-8
A5-7
B2-C4
B3-C5
B3-L2
B4-C2
Approx. existing ground line
Soft dark brown sandy silt
Hard brown silt
Compact brown interbedded silt & silty fine to medium sand
Hard mottled brown & grey silt
Very stiff brown sandy silt
Compact brown clean medium sand
Hard mottled buff & grey limy silt with thin layers of very dense clean fan sand
THIS SET OF PLANS HAS BEEN CORRECTED TO CORRESPOND TO THE "AS BUILT" PRINTS DATED 13 Feb 64, AS SUBMITTED BY RESIDENT ENGINEER
DRAWINGS CORRECTED BY SSS DATE: 31 Aug 64
CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS
DIAGRAM SHOWING THE BASIS FOR ESTIMATES OF GRADE SIZE DISTRIBUTION USED IN DETERMINATION OF CLASS NAMES.
IF GRAVEL IS PRESENT IN APPRECIABLE AMOUNTS THE TERM "GRAVELLY" MAY BE ADDED TO THE CLASS NAME, VIZ. "GRAVELLY SAND". THE TERMS "COARSE", "MEDIUM" AND "FINE" WHEN USED TO DESCRIBE SAND, SILT AND GRAVEL REFER TO STANDARD GRADE SIZE LIMITS.
SILT PERCENTAGES
LEGEND OF EARTH MATERIALS
GRAVEL
SAND
SILT
CLAY
SANDY CLAY OR CLAYEY SAND
SANDY SILT OR SILTY SAND
SILTY CLAY OR CLAYEY SILT
PEAT AND/OR ORGANIC MATTER
FILL MATERIAL
IGNEOUS ROCK
SEDIMENTARY ROCK
METAMORPHIC ROCK
LEGEND OF BORING OPERATIONS
PLAN OF ANY BORING
PENETROMETER
2½" CONE PENETROMETER
SAMPLER BORING (DRY)
ROTARY BORING (WET)
AUGER BORING (DRY)
JET BORING
CORE BORING
TEST PIT
1" SOIL TUBE
ROTARY BORING
PENETRATION BORING
NOTES
Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
CHILDS AVENUE OVERCROSSING
LOG OF TEST BORINGS
SCALE 1" = 10'
BRIDGE 33-143
FILE
DRAWING 1-103-23
PR-6103-4
PRE. DRAWING NO. 1-6103
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE SIGNATURE TITLE

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922