Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	1	1710

ACIM-680-1(990)E

INDEX OF PLANS

NOTE:

THE LISTING OF THE INDEX OF PLANS IS SHOWN ON THE INDEX OF PLANS SHEET.

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

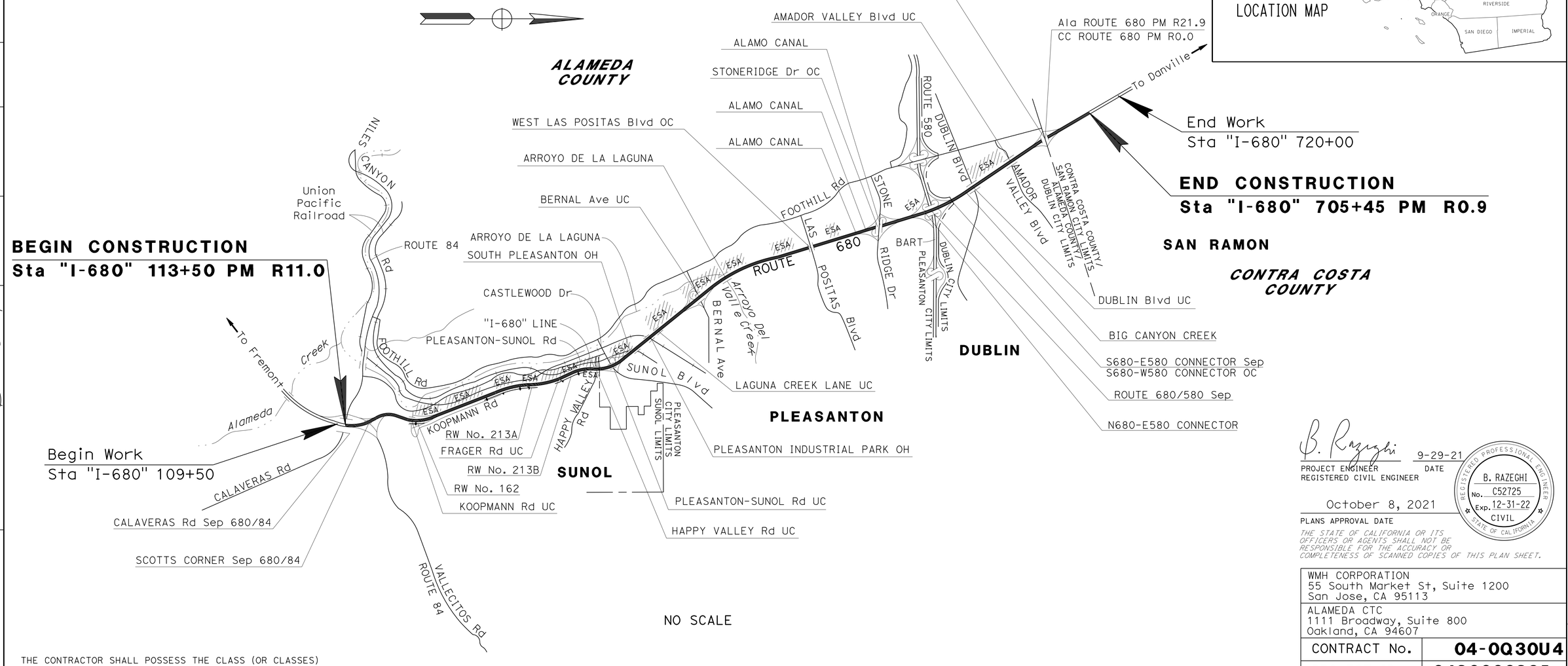
PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN ALAMEDA AND CONTRA COSTA COUNTIES AT SUNOL AND IN SAN RAMON BETWEEN 0.4 MILE SOUTH OF CALAVERAS ROAD UNDERCROSSING AND 0.9 MILE NORTH OF ALCOSTA BOULEVARD OVERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2018

LOCATION MAP



NO SCALE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

B. Razeghi — 9-29-21
PROJECT ENGINEER — DATE
REGISTERED CIVIL ENGINEER

B. RAZEGHI
No. C52725
Exp. 12-31-22
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St, Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway, Suite 800
Oakland, CA 94607

CONTRACT No.	04-0Q30U4
PROJECT ID	0420000235

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:27

CONSULTANT DESIGN MANAGER: TIMOTHY J. LEE
REGISTRATION No. 53523
LICENSE Exp DATE 6-30-23
CALTRANS DESIGN OVERSIGHT APPROVAL: DENNIS B. OCAMPO
DATE SIGNED 10-7-21

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	2	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

REGISTERED PROFESSIONAL ENGINEER — NIVEDITA U. PENDSE No. C63593 Exp. 9-30-22 CIVIL — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	INDEX OF PLANS
3-26	TYPICAL CROSS SECTIONS
27	KEY MAP AND LINE INDEX
28-35	PROJECT CONTROL
36-73	LAYOUT
74-176	CONSTRUCTION DETAILS
177-215	TEMPORARY WATER POLLUTION CONTROL PLAN AND QUANTITIES
216-253	CONTOUR GRADING
254-473	DRAINAGE PLAN, PROFILES, DETAILS AND QUANTITIES
474-478	SUBSURFACE DRAINAGE PLAN, DETAILS AND QUANTITIES
479-497	UTILITY PLAN
498	CONSTRUCTION AREA SIGNS
499-513	MOTORIST INFORMATION PLAN AND DETAILS
514-792	STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN, DETAILS AND QUANTITIES
793-846	PAVEMENT DELINEATION PLAN, DETAILS AND QUANTITIES
847-1006	SIGN PLAN, DETAILS, SPECIAL DESIGN SIGNS AND QUANTITIES
1007-1032	SUMMARY OF QUANTITIES
1033-1077	PLANT REMOVAL PLAN
1078-1081	IRRIGATION REMOVAL PLAN
1082-1123	EROSION CONTROL LEGEND, PLAN, DETAILS AND QUANTITIES
1124-1496	ELECTRICAL PLANS
1497-1597	REVISED STANDARD PLANS
1598-1604	VENDOR DRAWINGS

STRUCTURE PLANS

1605-1618	RETAINING WALL No. 162, Br No. 33E0250
1619-1672	RETAINING WALL No. 213A, Br No. 33E0251
1673-1710	RETAINING WALL No. 213B, Br No. 33E0252

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

INDEX OF PLANS

IOP-1

REVISED BY	DATE REVISED
JR	9-29-21

NIVEDITA PENDSE
JONATHAN ROSALES

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ac001.dgn

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:27

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ac001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	3	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTES:

1. FOR REMOVAL AND PLACEMENT OF CONCRETE BARRIER, SEE LAYOUT AND CONSTRUCTION DETAILS PLANS.
2. SEE STRUCTURE PLANS FOR RETAINING WALL LOCATIONS AND DETAILS.
3. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
4. FOR DETAILS ON PCP, APPROACH SLABS, CONCRETE BAND SLABS, SEE CONSTRUCTION DETAILS PLANS.
5. EXACT LOCATIONS AND TYPES OF CB, RS, HMA DIKES, CURBS, AND MGS ARE SHOWN ON THE LAYOUT AND IN THE SUMMARY OF QUANTITY PLANS UNLESS OTHERWISE NOTED.
6. FOR DETAILS OF MVP AND CONTRAST TREATMENT AREAS, SEE CONSTRUCTION DETAILS PLANS.
7. PLACE 0.33′ MINIMUM HMA (TYPE A) UNDER CONCRETE BARRIERS, UNLESS OTHERWISE NOTED ON PLANS.
8. REFER TO STAGE CONSTRUCTION AND TRAFFIC HANDLING PLANS FOR PROPOSED TEMPORARY PAVMENT.
9. FOR LOCATIONS, LIMITS, DETAILS AND QUANTITIES OF DITCHES, EDGE DRAIN, BERMS, AND BIORETENTION SWALES, SEE DRAINAGE PLANS AND SUBSURFACE DRAINAGE PLANS. EDGE DRAINS TO BE REMOVED WILL BE REPLACED WITH NEW STRUCTURAL SECTION OR BACKFILLED WITH LCBRS.

ABBREVIATIONS:

ACB	ASPHALT CONCRETE BASE
GPI	GEOSYNTHETIC PAVEMENT INTERLAYER (CLASS B2)
HMA-A	HOT MIX ASPHALT (TYPE A)
ISR (RSC)	INDIVIDUAL SLAB REPLACEMENT (RSC)
LCBRS	LEAN CONCRETE BASE RAPID SETTING
LL	LANE LINE
LT	LIME TREATMENT
PCP	PRECAST CONCRETE PAVEMENT
PET (C)	PAVEMENT EDGE TREATMENT (CASE C)
RAC-G	RUBBERIZED ASPHALT CONCRETE (GAP GRADED)
RAC-O	RUBBERIZED ASPHALT CONCRETE (OPEN GRADED)
RHMA-G	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)
RHMA-O	RUBBERIZED HOT MIX ASPHALT-OPEN GRADED (OPEN GRADED FRICTION COURSE)
RS	RUMBLE STRIP
RSC	RAPID STRENGTH CONCRETE
SEG	SUBGRADE ENHANCEMENT GEOTEXTILE
VC(MC)	VEGETATION CONTROL (MINOR CONCRETE)

DESIGN DESIGNATION (ROUTE 680)

ALCOSTA Blvd TO ROUTE 580

SOUTHBOUND:

ADT (2025)	227,000	D	= 53.21%
ADT (2045)	290,000	T	= 7.6%
DHV	21,266	V	= 65 mph
ESAL	133,913,266	TI (40-Yr) - INNER LANE(S)	= 14
		TI (40-Yr) - OUTER 2 LANES	= 16.5

ROUTE 580 TO STONERIDGE Dr

SOUTHBOUND:

ADT (2025)	187,000	D	= 54.19%
ADT (2045)	231,000	T	= 6.5%
DHV	16,223	V	= 65 mph
ESAL	106,668,843	TI (40-Yr) - INNER LANE(S)	= 13.5
		TI (40-Yr) - OUTER 2 LANES	= 16

STONERIDGE Dr TO BERNAL Ave

SOUTHBOUND:

ADT (2025)	172,000	D	= 51.55%
ADT (2045)	212,000	T	= 6.5%
DHV	15,178	V	= 65 mph
ESAL	97,895,215	TI (40-Yr) - INNER LANE(S)	= 13
		TI (40-Yr) - OUTER 2 LANES	= 15.5

SUNOL Blvd TO KOOPMAN Rd

SOUTHBOUND:

ADT (2025)	163,000	D	= 52.54%
ADT (2045)	200,000	T	= 6.5%
DHV	13,256	V	= 65 mph
ESAL	92,353,977	TI (40-Yr) - INNER LANE(S)	= 13
		TI (40-Yr) - OUTER 2 LANES	= 15.5

PAVEMENT CLIMATE REGION: INLAND VALLEY

PROPOSED TYPICAL PAVEMENT STRUCTURE SECTIONS:

1
- 0.80′ PCP
- 0.35′ LCBRS

1A
- 0.80′ PCP
- 0.50′ LCBRS

2
- 0.95′ JPCP
- 0.25′ HMA-A
- 0.60′ CI 2 AS

2A
- 0.95′ JPCP
- 0.25′ HMA-A
- 0.80′ CI 2 AS
- 2.00′ LOCAL BORROW (R-VALUE = 15 Min)

2C
- 0.95′ JPCP
- BASE BOND BREAKER
- 0.35′ LCB
- BASE BOND BREAKER
- 0.35′ LCB

3
- 1.25′ JPCP
- 0.25′ HMA-A
- 0.70′ CI 2 AS

3A
- 1.25′ JPCP
- 0.35′ HMA-A
- 0.40′ CI 2 AB

4
- 0.10′ RHMA-O
- 0.15′ RHMA-G
- 0.60′ HMA-A
- 0.95′ CI 2 AB

4A
- 0.10′ RHMA-O
- 0.15′ RHMA-G
- 0.45′ HMA-A
- 0.30′ ATPB
- 0.30′ HMA-A
- 0.90′ CI 2 AB

4B
- 0.15′ RHMA-G
- 0.60′ HMA-A
- 0.95′ CI 2 AB

5
- 0.10′ RHMA-O
- 0.20′ RHMA-G
- 0.95′ HMA-A
- 1.25′ CI 2 AB

5A
- 0.10′ RHMA-O
- 0.15′ RHMA-G
- 1.05′ HMA-A
- 2.05′ CI 2 AB

5B
- 0.15′ RHMA-G
- 1.05′ HMA-A
- 2.05′ CI 2 AB

7
- 0.35′ COLD PLANE AC PAVEMENT
- 0.10′ RHMA-O
- 0.15′ RHMA-G
- GPI (PAVING MAT)
- 0.10′ RHMA-G

7A
- 0.35′ COLD PLANE AC PAVEMENT
- 0.10′ RHMA-O
- 0.15′ RHMA-G
- GPI (PAVING MAT)
- 0.10′ TO 0.28′ RHMA-G

7B
- 0.50′ COLD PLANE AC PAVEMENT
- 0.10′ RHMA-O
- 0.15′ RHMA-G
- GPI (PAVING MAT)
- 0.25′ HMA-A

8
- 0.35′ COLD PLANE AC PAVEMENT
- 0.15′ RHMA-G
- GPI (PAVING MAT)
- 0.20′ HMA-A

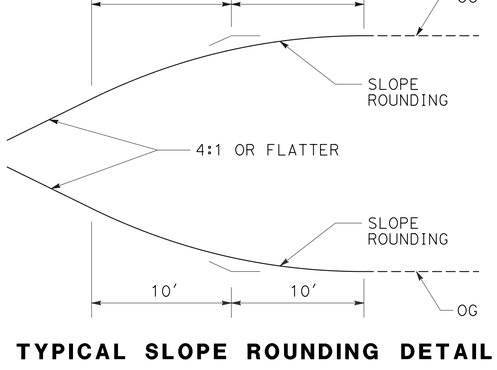
9
- 0.25′ COLD PLANE AC PAVEMENT
- 0.15′ RHMA-G
- GPI (PAVING MAT)
- 0.10′ HMA-A

10
- 0.15′ RHMA-G
- 0.85′ HMA-A
- CLASS 1 PAVING GRID

11
- 0.15′ RHMA-G
- GPI (PAVING MAT)
- 0.85′ HMA-A
- 1.00′ CL 2 AS
- SEG "B2"

12
- 0.10′ RHMA-O
- 0.20′ RHMA-G
- 0.50′ CI 2 AS

13
- 1.25′ ISR (RSC)
- BASE BOND BREAKER
- 0.35′ LCBRS



TYPICAL SLOPE ROUNDING DETAIL

TYPICAL CROSS SECTIONS

NO SCALE

X-1

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:27

O:\6030\DRAFTING\FINAL_PS&E\04200002351ca001.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE | 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	4	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

EXISTING PAVEMENT STRUCTURE SECTIONS:

A
0.67′ PCC
0.33′ CTB (B)
1.00′ CI 1 AS

B
0.75′ PCC
0.40′ LCB
0.60′ CI 4 AS

C
0.25′ AC (A or B)
0.40′-0.75′ AB (2)
1.00′ CI 1 AS

D
0.95′ JPCP
0.25′ HMA-A
0.60′ CI 2 AS

E
0.20′ AC (A)
0.5′-1.55′ CI 4 AS

F
0.85′ HMA-A

G
0.20′ RAC-G
0.05′ AC (A)
0.67′ CTB (A)
1.00′ CI 1 AS

H
0.20′ AC (A)
1.55′ CI 4 AS

I
0.10′ RAC-O
0.15′ AC (A)
PRF
0.10′ AC(A)
PRF
0.15′ AC (A)
0.67′ PCC
0.33′ CTB (B)
1.00′ CI 1 AS

J
0.10′ RAC-O
1.20′ AC (A)
0.50′ CI 4 AS

K
0.10′ RAC-O
0.10′ OGAC
0.15′ AC (A)
0.15′ AC (A)
0.25′ AC (B)
0.40′ - 0.75′ CI 2 AB
1.00′ CI 1 AS

L
0.10′ RAC-O
0.15′ RAC-G
0.10′ OGAC
0.15′ AC (A)
1.55′ AS (4)

M
0.10′ RAC-O
0.15′ RAC-G
0.25′ AC (A)
1.55′ CI 4 AS

N
0.10′ RAC-O
0.15′ RAC-G
0.10′ OGAC
0.10′ AC (A)
0.50′ AC (A)
0.67′ CTB (A)
1.00′ CI 1 AS

O
0.10′ RAC-O
0.15′ RAC-G
0.10′ OGAC
0.10′ AC (A)
0.25′ AC (A)
0.40′ - 0.75′ CI 2 AB
1.00′ CI 1 AS

P
0.25′ AC (A)
PRF
0.50′ AC (A)
0.67′ CTB (A)
1.00′ CI 1 AS

Q
1.25′ AC (A)
0.50′ CI 4 AS

R
0.25′ AC (A)
0.25′ AC (A)
0.40′ - 0.75′ CI 2 AB
1.00′ CI 1 AS

S
0.10′ RAC-O
0.15′ RAC-G
0.45′ AC (A)
0.30′ ATPB
0.65′ AC (A)
0.50′ CI 4 AS

T
0.10′ RAC-O
0.15′ RAC-G
0.20′ AC (A)
1.70′ CI 4 AS

U
0.80′ PCP
0.35′ LCBRS
0.85′ CI 1 AS

V
0.75′ AC (A)
0.25′ CTB (A)
0.50′-0.55′ CL 2 AB
1.00′-1.80′ CI 4 AS

W
0.15′ RAC-G
0.18′ AC (B)
0.67′ CTB (A)
1.00′ CI 1 AS

X
0.55′ AC (A)
0.75′ CI A CTB
0.67′ LT

Y
0.33′ AC (B)
0.67′ CTB (A)
1.00′ CI 1 AS

Z
0.20′ HMA-A
0.50′-1.55′ CI 4 AS

AA
0.17′ AC (A)
0.50′ CI 2 AB
1.00 CI 1 AS

AB
0.20′ HMA-A
0.65′ AC (A)

AC
0.50′ AC (A)
0.25′ ATPB
0.40′ ACB (A)
1.30′ CI AS

AD
0.40′ AC (A)
1.50 CI 4 AS

AE
0.10′ RAC-O
0.15′ RAC-G
0.70′ AC (A)
0′ - 1.62′ CI 1 AS

AF
0.10′ RAC-O
0.15′ RAC-G
0.10′ OGAC
0.15′ AC (A)
PRF
0.15′ AC (A)
0.25′ AC (B)
0.67′ CTB (A)
1.00′ CI 1 AS

AG
0.20′ RHMA-G
0.35′ HMA-A
0.85′ CI 2 AB
1.15′ CI 2 AS

AH
0.20′ RHMA-G
0.05′ RAC-G
0.25′ AC (A)
0.25′ AC (B)
0.67′ CTB (A)
1.00′ CI 1 AS

AI
0.10′ RAC-O
0.15′ RAC-G
0.25′ AC (A)
0.25′ AC (B)
0.67′ CTB (A)
1.00′ CI 1 AS

AJ
0.10′ RHMA-O
0.15′ RHMA-G
0.50′ AC (A)
0′ - 1.67′ CI 1 AS

AK
0.80′ PCP
0.35′ LCBRS
0.60′ CI 4 AS

AL
0.10′ RHMA-O
0.15′ RHMA-G
GPI(PAVING MAT)
0.10′ HMA-A
1.15′ AC (A)
0.50′ CI 4 AS

AM
0.20′ HMA-A
1.55′ CI 4 AS

AN
0.10′ RHMA-O
0.15′ RHMA-G
GPI (PAVING GRID)
0.10′ HMA-A
0.10′ AC (A)
1.55′ CI 4 AS

AO
0.10′ RHMA-O
0.15′ RHMA-G
GPI (PAVING GRID)
0.10′ HMA-A
0.15′ AC (A)
1.55′ CI 4 AS

AP
0.10′ RAC-O
0.15′ RAC-G
0.25′ AC (A)
PRF
0.50′ AC (A)
0.67′ CTB (A)
1.00′ CI 1 AS

AQ
0.10′ RAC-O
0.15′ RAC-G
1.25′ AC (A)
0.50′ CI 4 AS

AR
0.65′ AC (A)
0.25′ ATPB
0.35′ ACB(A)
1.75′ CI 4 AS

AS
0.50′ AC (A)
0.25′ ATPB
0.80′ AC (A)
0.65′ CI 4 AS

AT
0.10′ RHMA-O
0.15′ RHMA-G
GPI (PAVING GRID)
0.10′ HMA-A
1.20′ AC (A)
0.50′ CI 4 AS

AU
0.10′ RAC-O
0.15′ RAC-G
0.20′ AC (A)
1.55′ CI 4 AS

AV
0.10′ RAC-O
0.15′ RAC-G
0.10′ OGAC
1.20′ AC (A)
0.50′ CI 4 AS

AW
0.10′ RAC-O
0.25′ AC (A)
1.55′ CI 4 AS

AX
0.10′ RAC-O
0.15′ RAC-G
0.25′ AC (A)
0.25′ AC (A)
0.40′ - 0.75′ CI 2 AB
1.00′ CI 1 AS

AY
0.15′ RAC-G
0.10′ AC (B)
0.67′ CTB (A)
1.00′ CI 1 AS

AZ
0.10′ RHMA-O
0.15′ RHMA-G
GPI (PAVING MAT)
0.10′ HMA (A)
1.40′ CI 4 AS

BA
0.10′ RAC-O
0.15′ RAC-G
0.10′ OGAC
0.15′ AC (A)
PRF
0.15′ AC (A)
0.33′ AC (A)
0.67′ CTB (A)
1.00′ CI 1 AS

TYPICAL CROSS SECTIONS

NO SCALE

X-2

CALCULATED-DESIGNED BY	NB	REVISED BY	NATALIA BIJAK
CHECKED BY	9-29-21	DATE REVISED	CARL H. GIBSON III

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:27

O:\0030\DRAFTING\FINAL_PS&E\0420000235ca002.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	5	1710

Carl H. Gibson III 9-29-21
REGISTERED CIVIL ENGINEER DATE

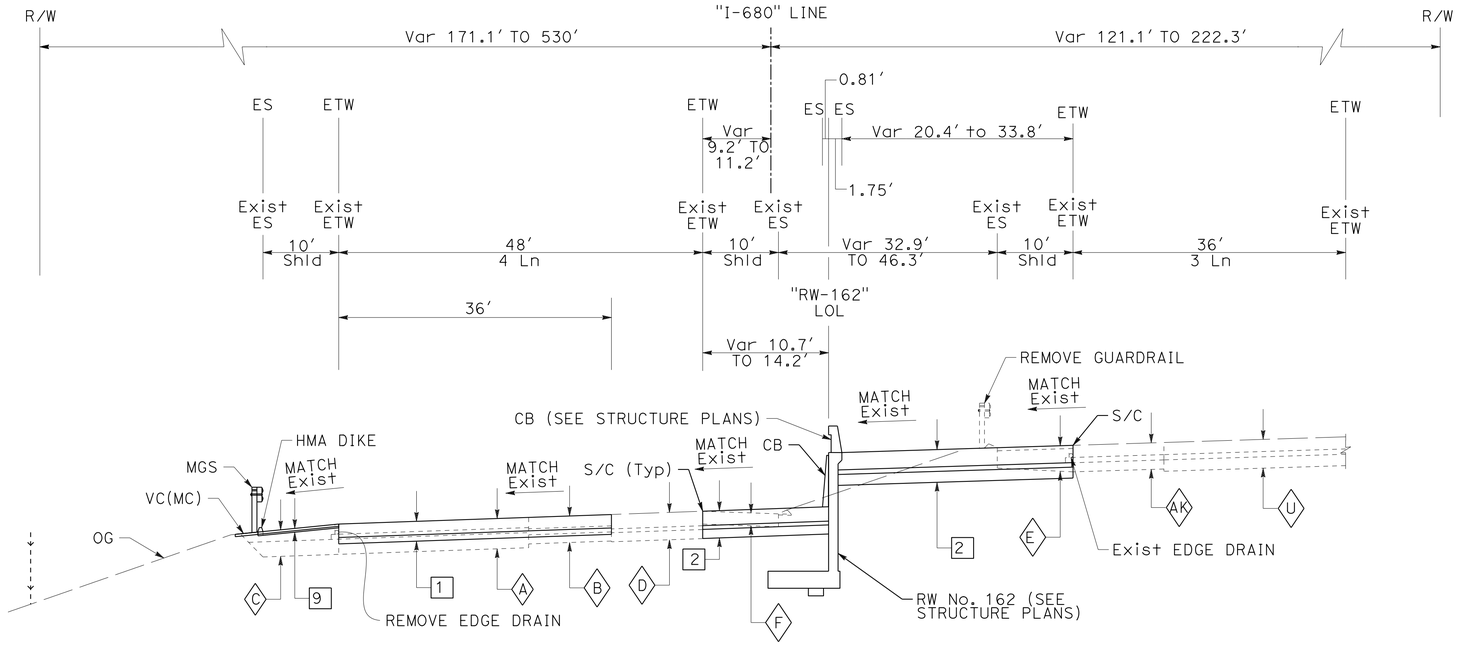
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

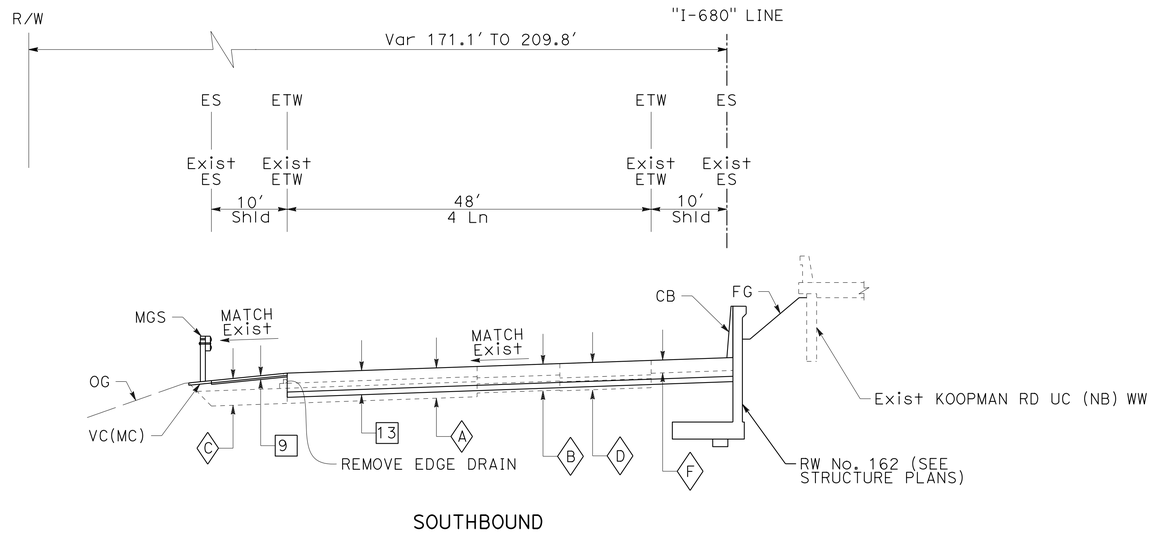
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND NORTHBOUND

"I-680" 162+04.00 TO 171+07.62
ROUTE 680



SOUTHBOUND

"I-680" 161+94.70 TO 162+04.00
ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-3

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:27

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca003.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca003.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	6	1710

Carl H. Gibson III — REGISTERED CIVIL ENGINEER — 9-29-21 DATE

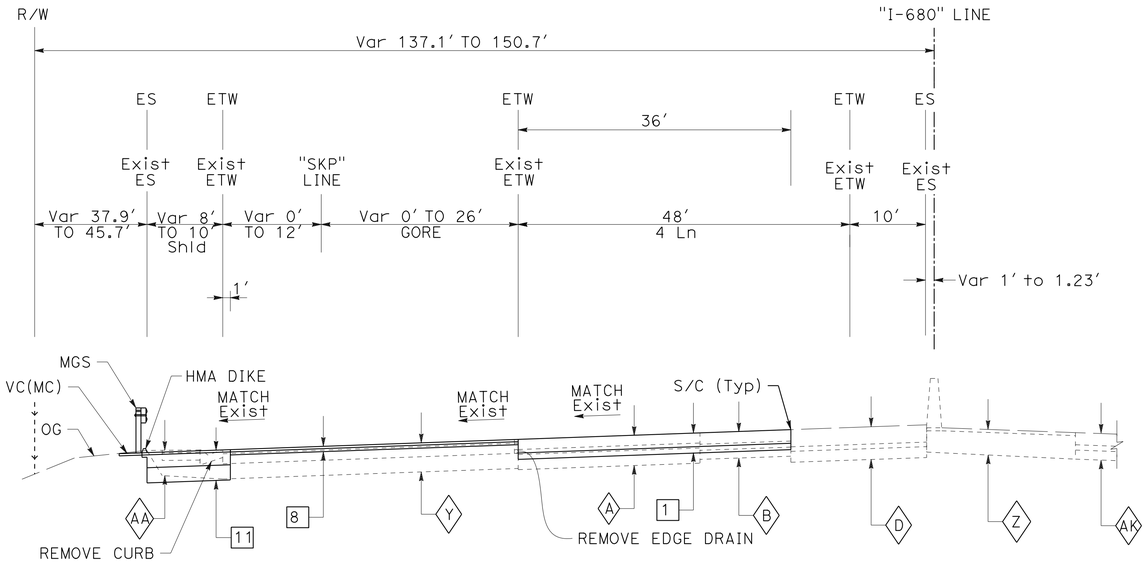
CARL H. GIBSON III No. C63399 Exp 9-30-22 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

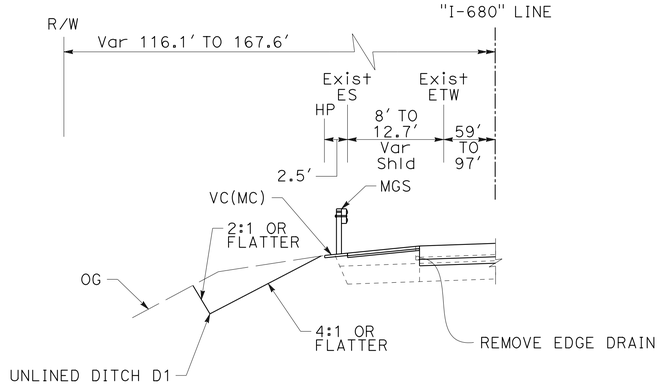
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



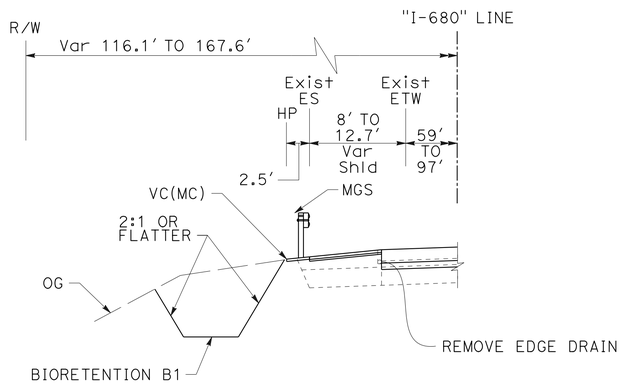
SOUTHBOUND

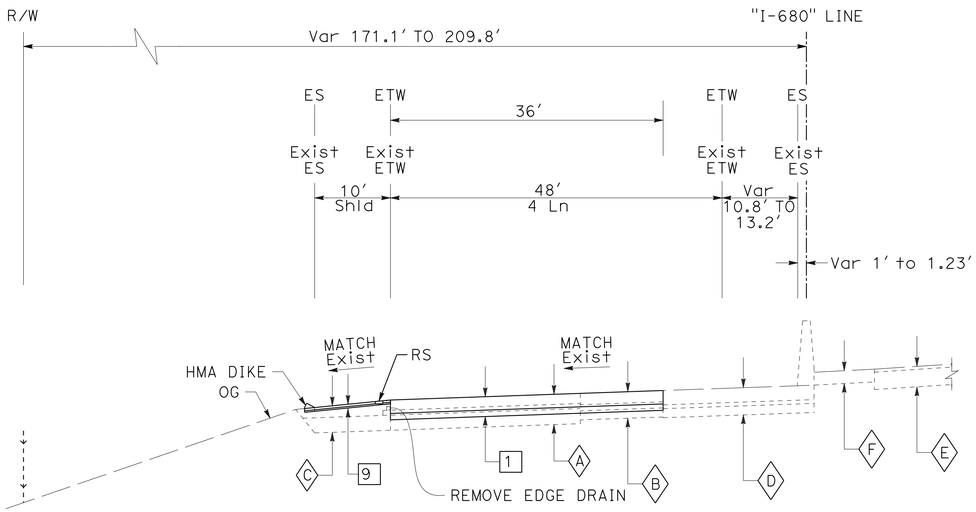
"I-680" 174+36 TO 178+92

ROUTE 680



SOUTHBOUND DITCH DETAIL
"I-680" 182+50 TO 185+50 *





SOUTHBOUND

"I-680" 171+07.62 TO 174+36

ROUTE 680

SOUTHBOUND DITCH DETAIL
"I-680" 175+00 TO 182+50 *

* FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-4

REVISED BY	DATE REVISED
NB	9-29-21

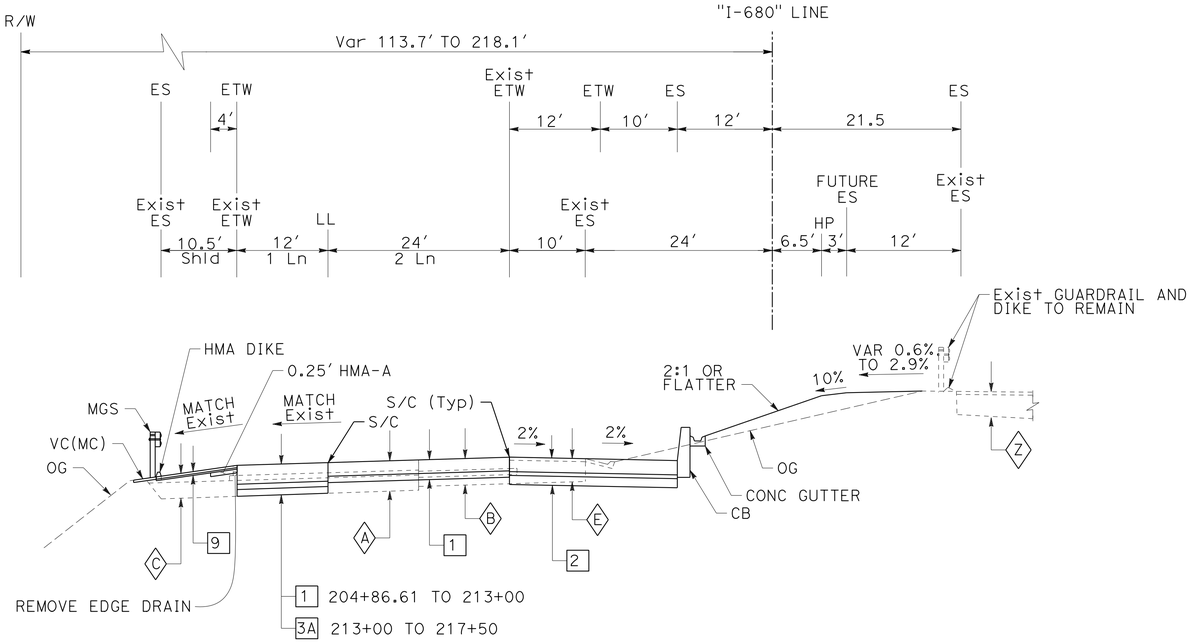
NATALIA BIJAK
CARL H. GIBSON III
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca004.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:27
09-29-21

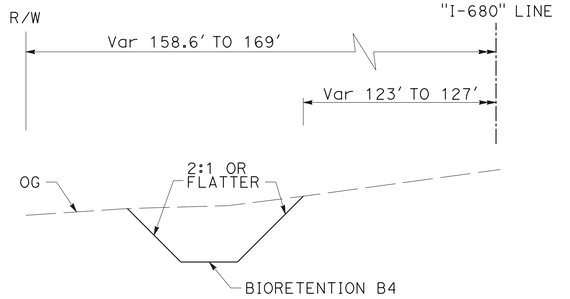
BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca004.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351



SOUTHBOUND

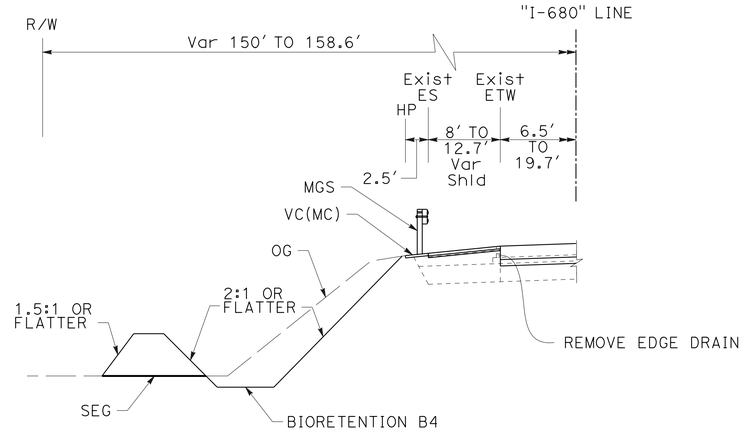
"I-680" 204+86.61 TO 217+50

ROUTE 680



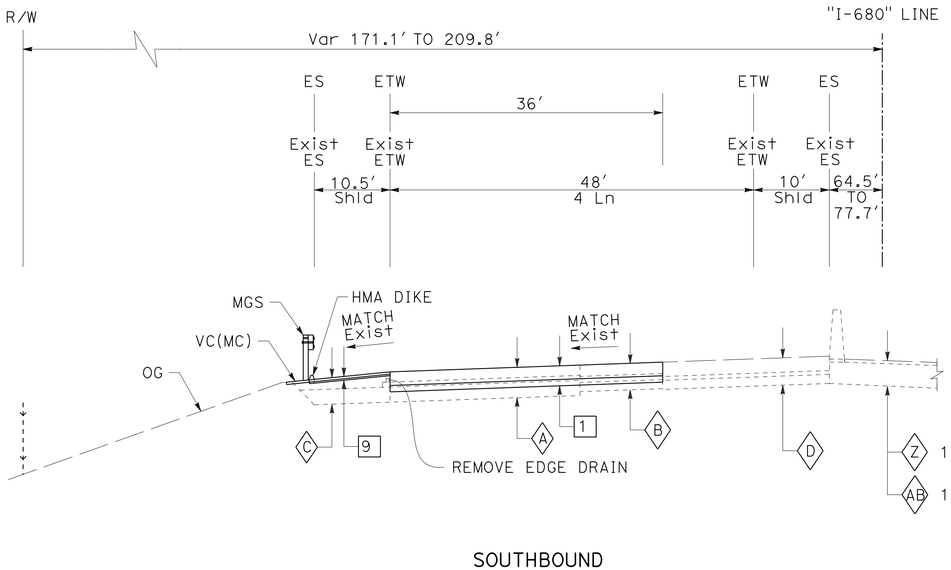
SOUTHBOUND DITCH DETAIL

"I-680" 212+00 TO 216+00



SOUTHBOUND DITCH DETAIL

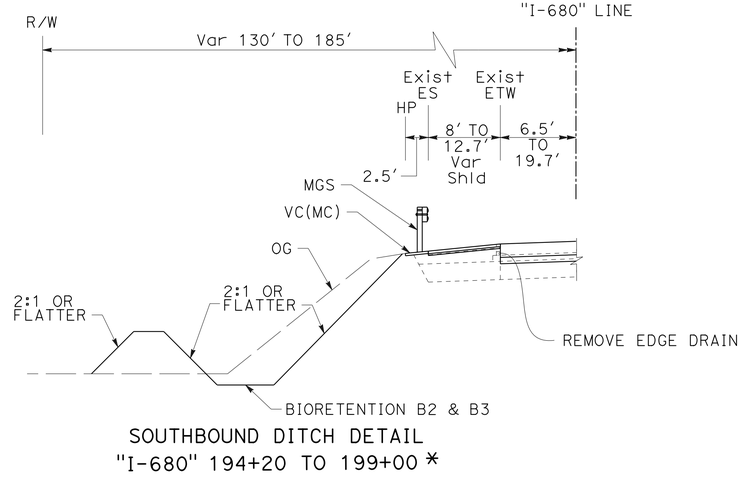
"I-680" 208+75 TO 216+00 *



SOUTHBOUND

"I-680" 178+92 TO 204+86.61

ROUTE 680



SOUTHBOUND DITCH DETAIL

"I-680" 194+20 TO 199+00 *

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

* FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

TYPICAL CROSS SECTIONS

NO SCALE

X-5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	7	1710

Col H. Gibson III 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

REVISED BY	DATE REVISED
NB	9-29-21

NATALIA BIJAK
CARL H. GIBSON III
CALCULATED-DESIGNED BY
CHECKED BY
TIMOTHY J. LEE
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:27

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca005.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ca005.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	8	1710

Col H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

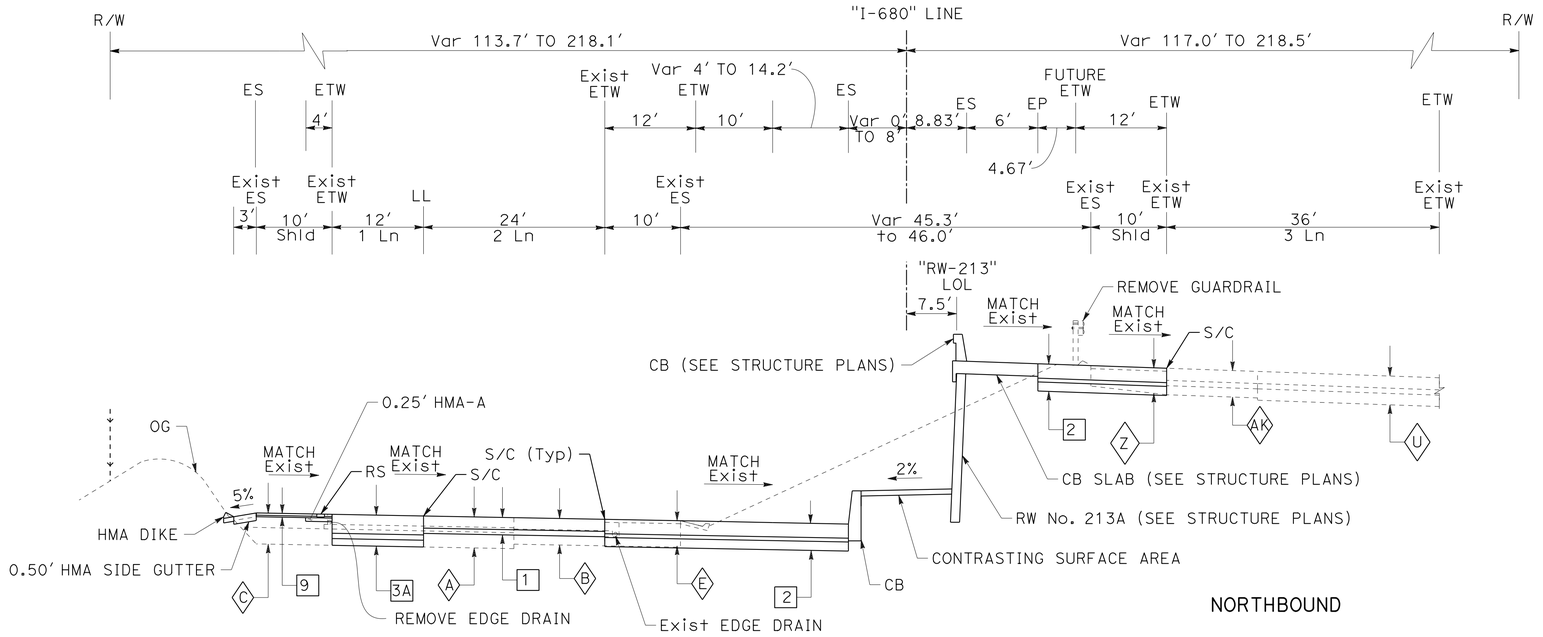
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

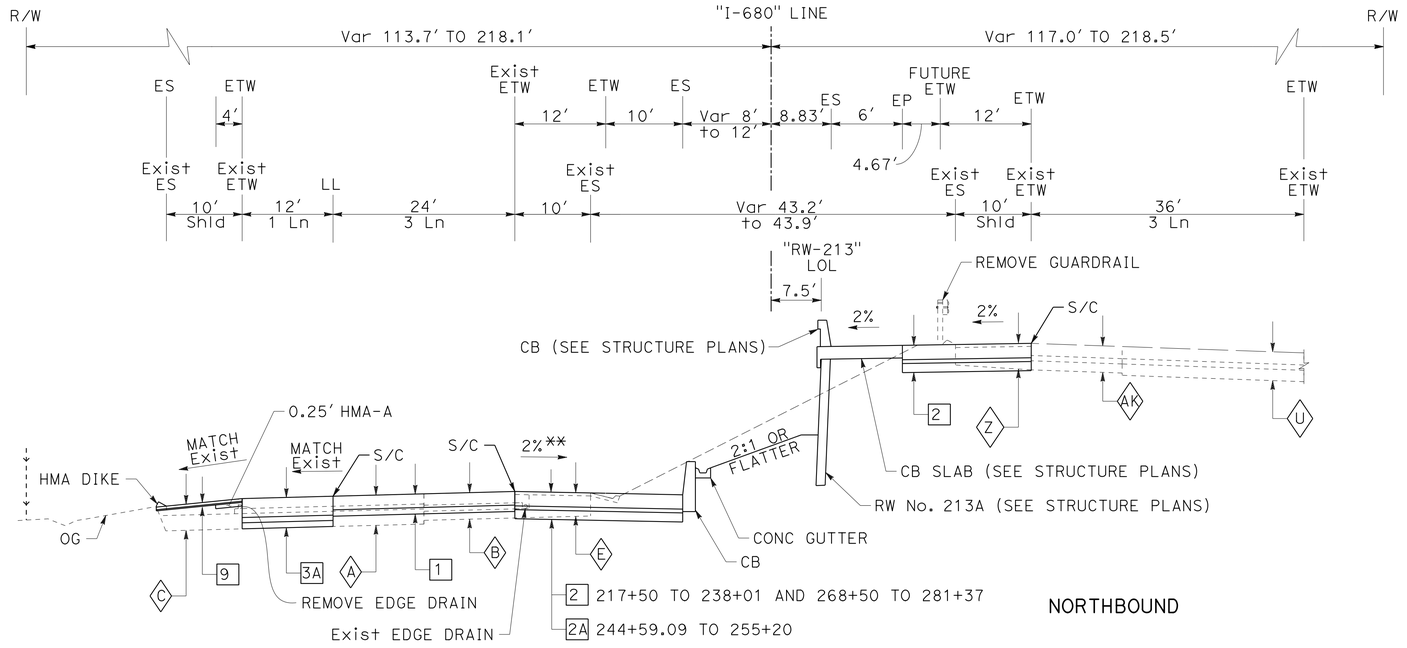


SOUTHBOUND

NORTHBOUND

"I-680" 239+55.14 TO 244+59.09

ROUTE 680



FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

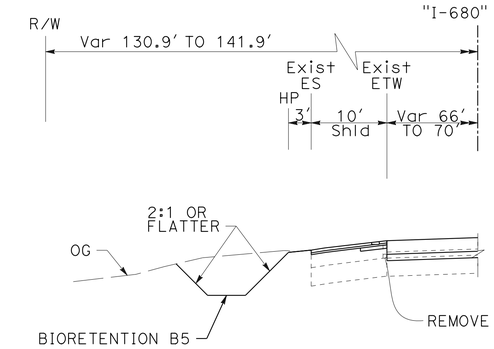
SOUTHBOUND

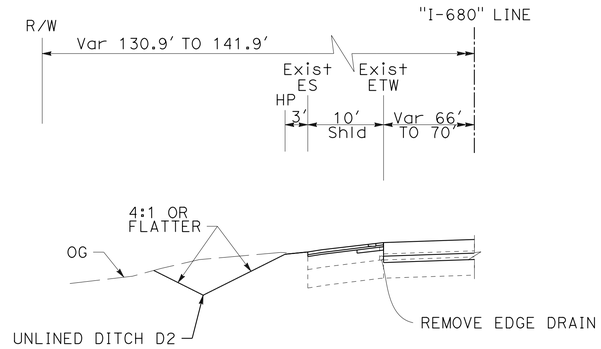
NORTHBOUND

"I-680" 217+50 TO 239+55.14
"I-680" 244+59.09 TO 255+20
"I-680" 268+50 TO 281+37.19

ROUTE 680

SOUTHBOUND
DITCH DETAIL
"I-680" 230+00.00 TO 235+00.00*





SOUTHBOUND
DITCH DETAIL
"I-680" 227+50.00 TO 229+50*

*FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

**268+50 TO 276+00, MATCH Exist

TYPICAL CROSS SECTIONS

NO SCALE

X-6

REVISED BY	DATE REVISED
NB	9-29-21

NATALIA BIJAK
CARL H. GIBSON III
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:27

O:\4030\DRAFTING\FINAL_PS&E\04200002351ca006.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ca006.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	9	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

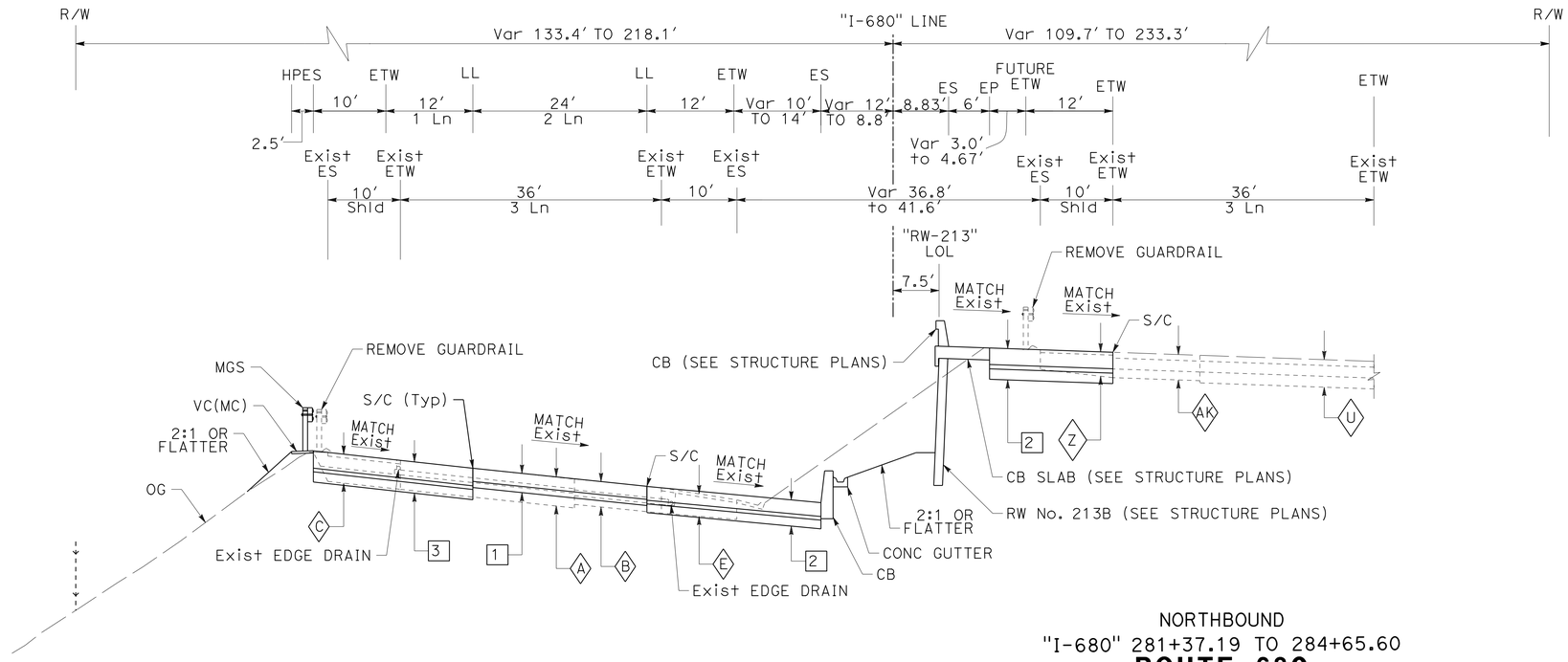
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

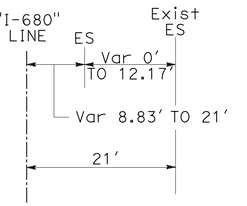
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

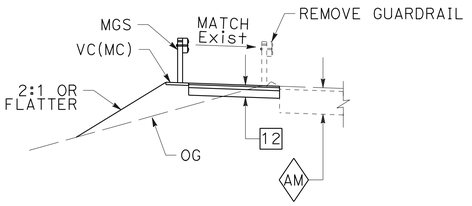
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



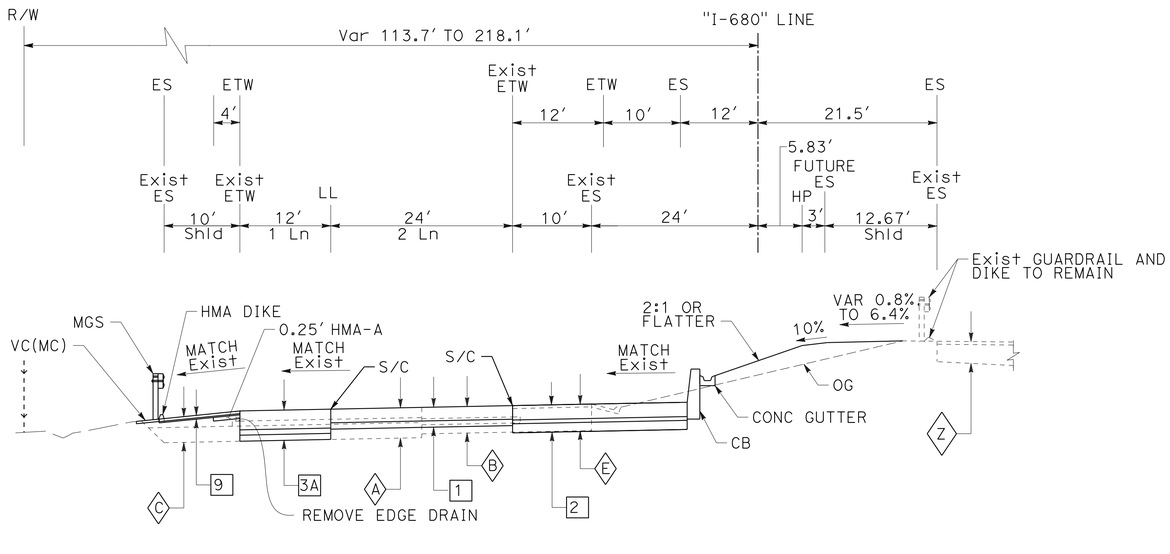
NORTHBOUND
"I-680" 281+37.19 TO 284+65.60
ROUTE 680





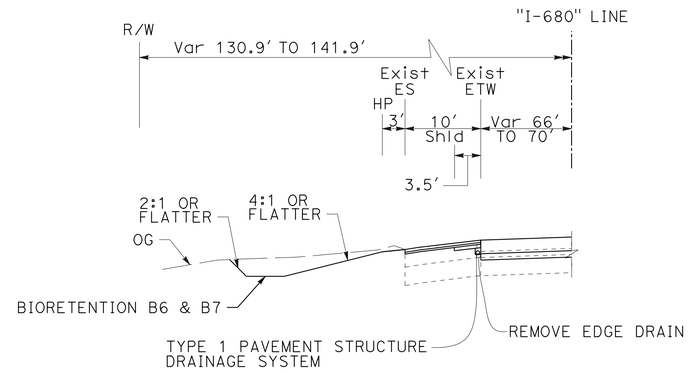
NORTHBOUND
"I-680" 255+20 TO 257+13

SOUTHBOUND
"I-680" 281+37.19 TO 285+00.00
ROUTE 680



SOUTHBOUND

"I-680" 255+20 TO 268+50
ROUTE 680



SOUTHBOUND
DITCH DETAIL
"I-680" 246+95.00 TO 249+45.00*
"I-680" 251+00.00 TO 253+50.00*

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-7

REVISED BY: NB
DATE REVISED: 9-29-21
NATALIA BIJAK
CARL H. GIBSON III
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\6030U\DRAFTING\FINAL_PS&E\04200002351ca007.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ca007.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	10	1710

Carl H Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

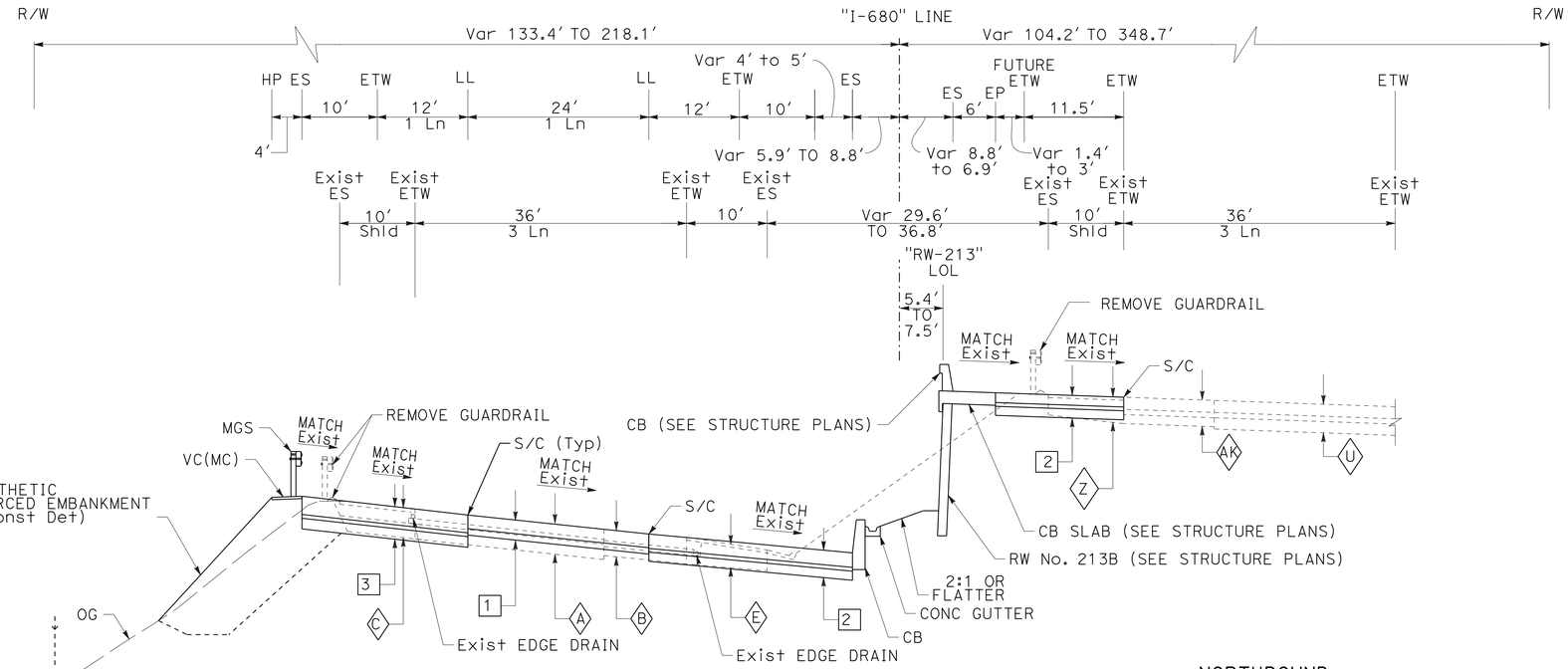
CARL H. GIBSON III, No. C63399, Exp 9-30-22, CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

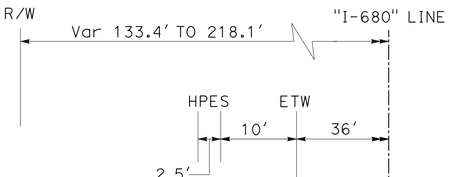
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

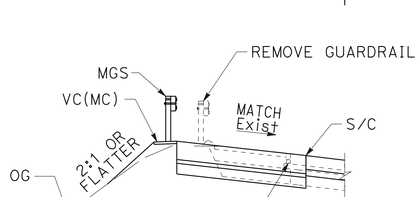
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND
"I-680" 285+82.23 TO 288+94.00
ROUTE 680





NORTHBOUND
"I-680" 284+65.60 TO 288+94.00
ROUTE 680

SOUTHBOUND
"I-680" 284+82.23 TO 285+00.00*

*FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-8

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:28

O:\0030\DRAFTING\FINAL_PS&E\0420000235ca008.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ca008.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	11	1710

Carl H. Gibson III
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

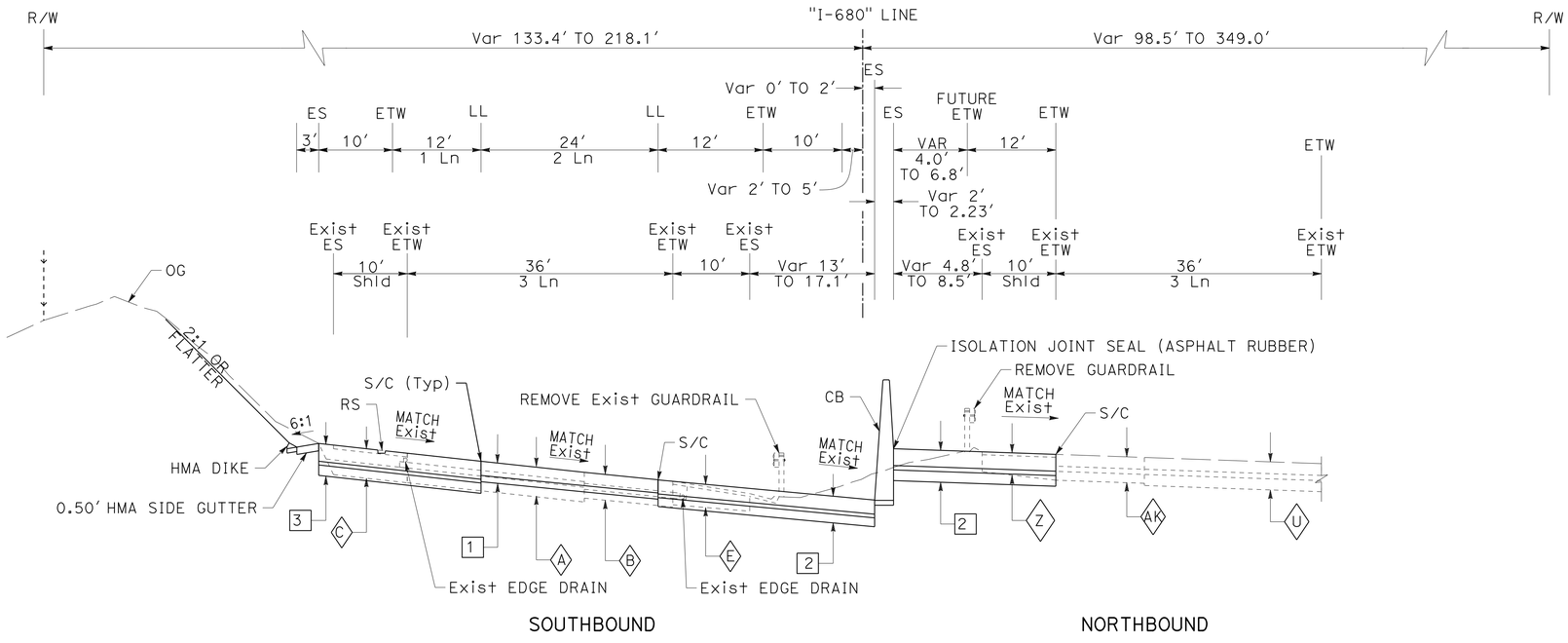
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

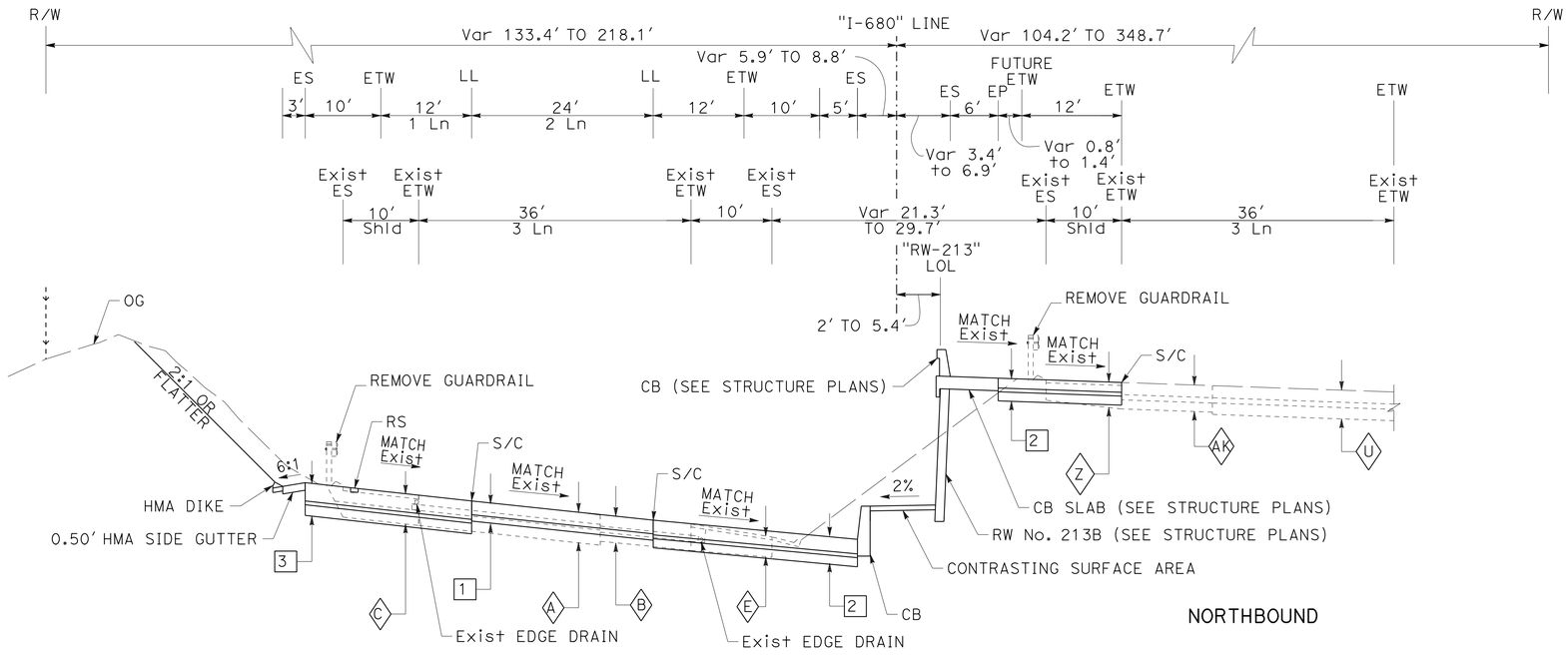
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



"I-680" 292+40 TO 294+19.65
ROUTE 680



FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

"I-680" 288+94.00 TO 292+40
ROUTE 680

TYPICAL CROSS SECTIONS

NO SCALE

X-9

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ca009.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ca009.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	12	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

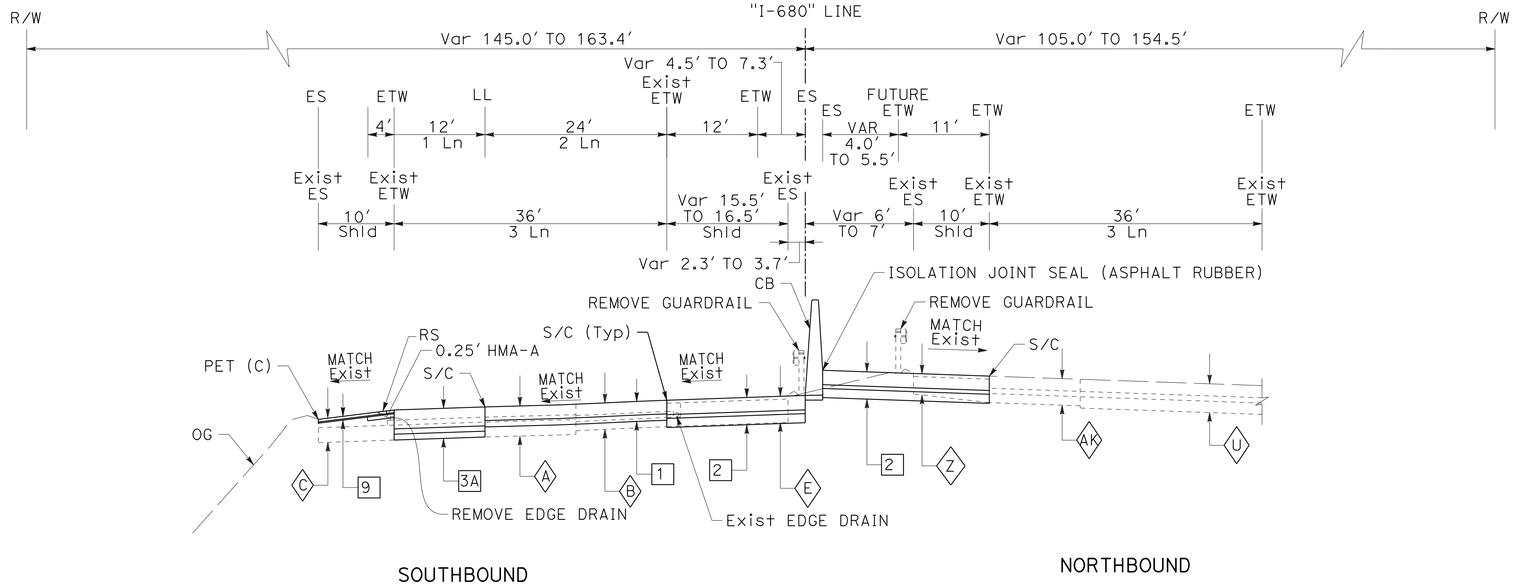
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

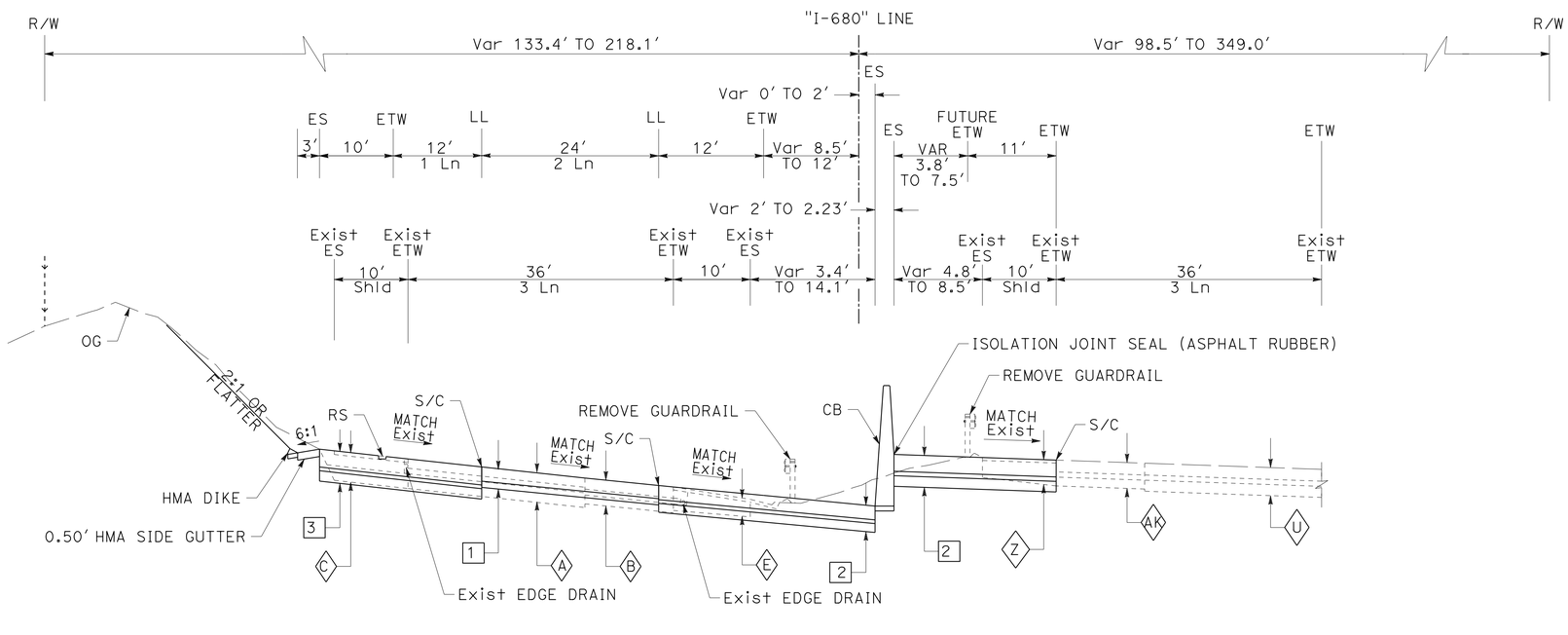
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND NORTHBOUND

"I-680" 295+97.45 TO 297+33.4

ROUTE 680



SOUTHBOUND NORTHBOUND

"I-680" 294+19.65 TO 295+97.45

ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-10

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:28 | 09-29-21

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ca010.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca010.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	13	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

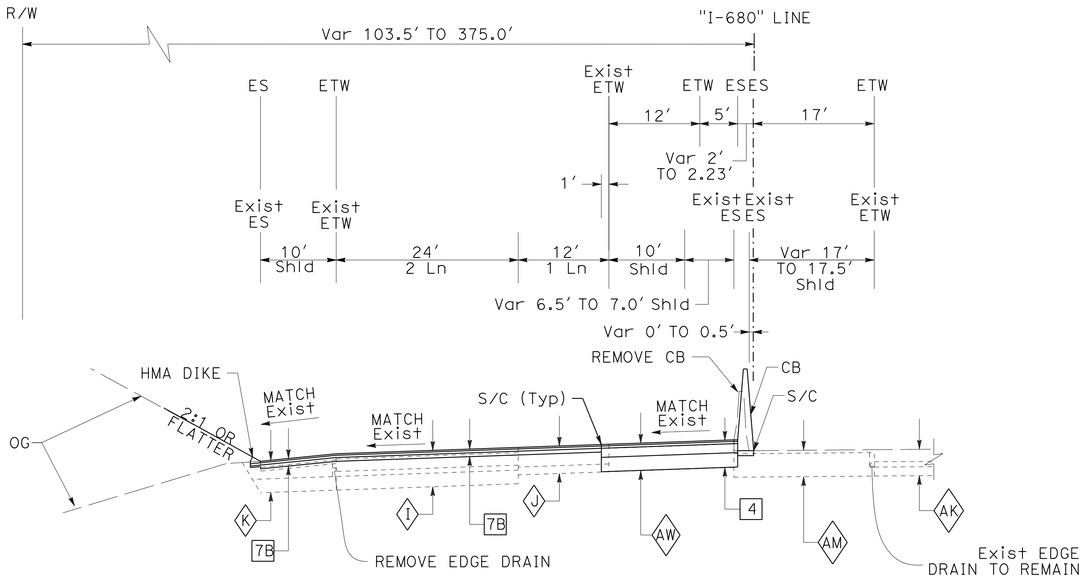
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

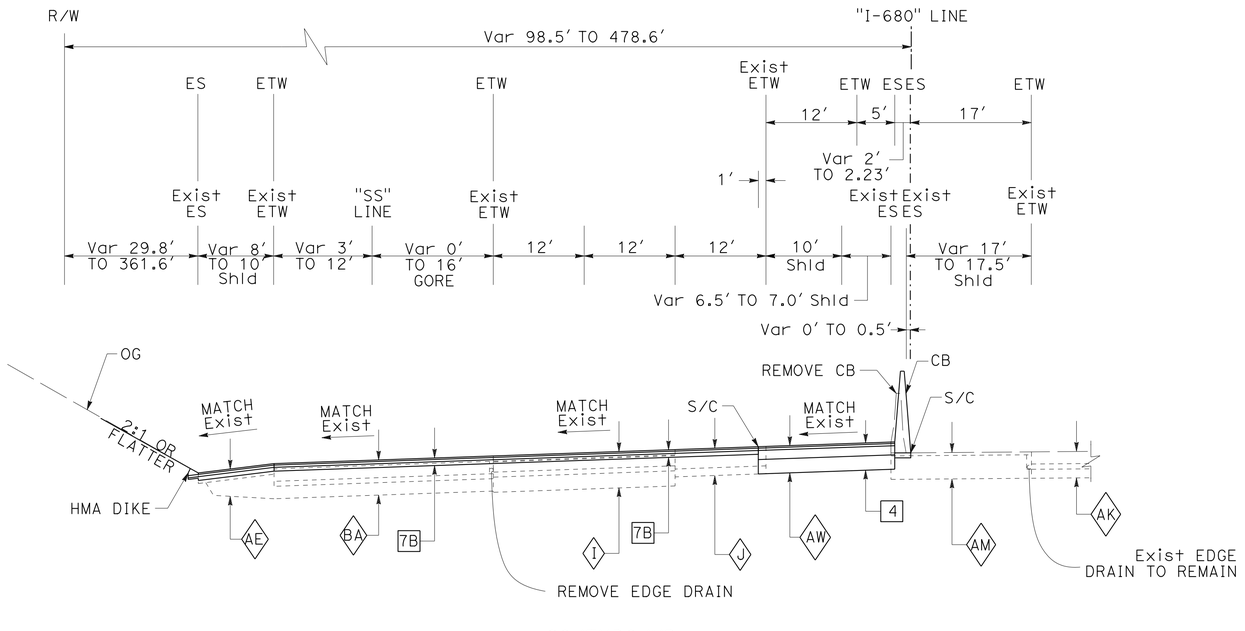
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND

"I-680" 310+52 TO 318+80.24
"I-680" 324+30.00 TO 327+79
ROUTE 680



SOUTHBOUND

"I-680" 299+04 TO 308+79
ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-11

NATALIA BIJAK — CALCULATED-DESIGNED BY
CARL H. GIBSON III — CHECKED BY
NB — REVISED BY
9-29-21 — DATE REVISED
TIMOTHY J. LEE — CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca011.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca011.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	14	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

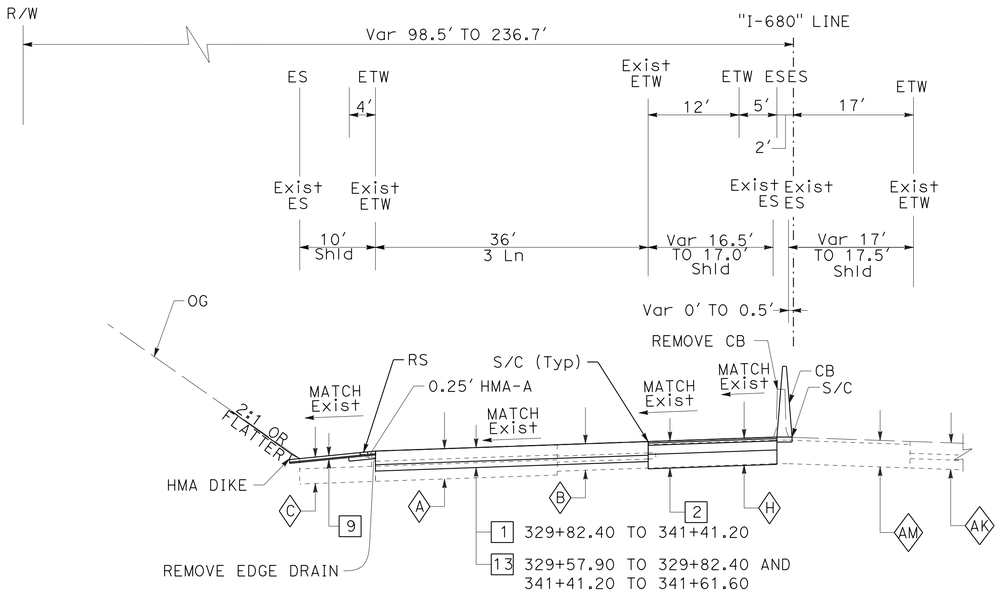
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

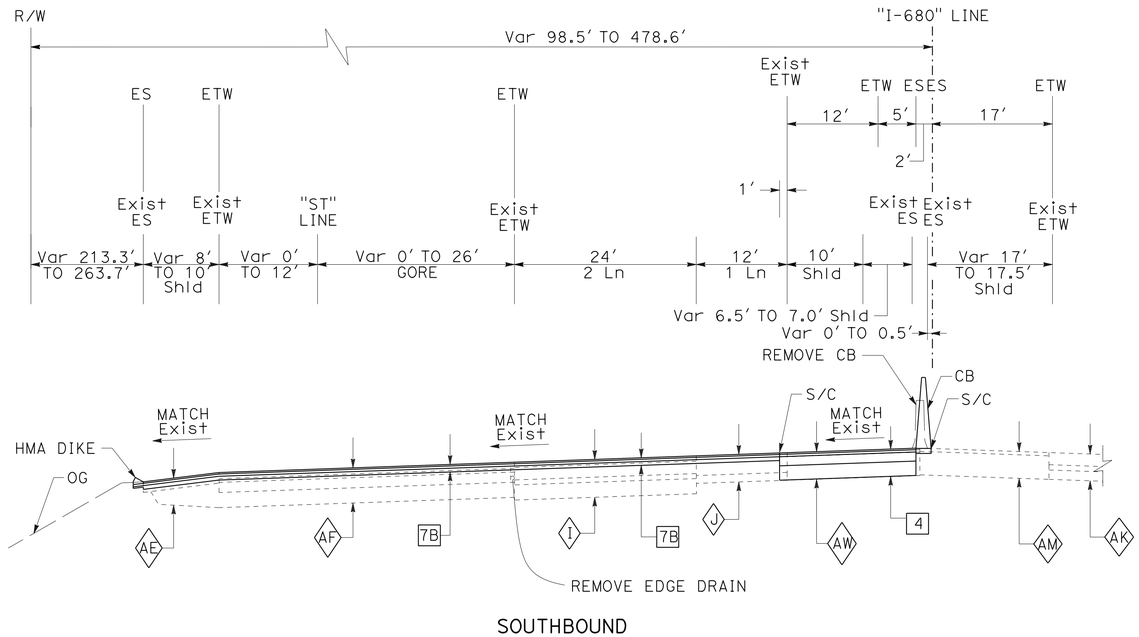
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND

"I-680" 329+00.50 TO 341+98
ROUTE 680



SOUTHBOUND

"I-680" 318+80.24 TO 324+30.00
ROUTE 680

TYPICAL CROSS SECTIONS

NO SCALE

X-12

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
NATALIA BIJAK	CARL H. GIBSON III	TIMOTHY J. LEE	NB	9-29-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ca012.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca012.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	15	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

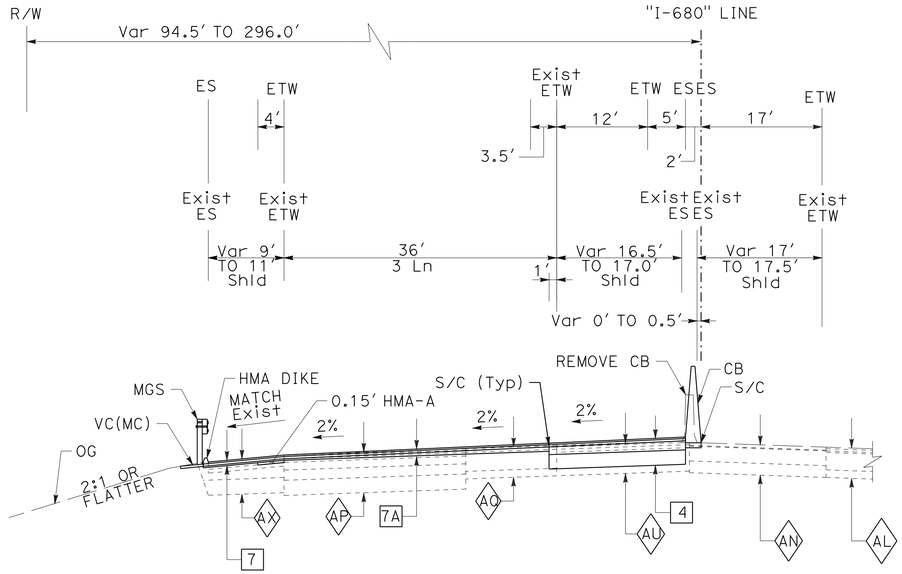
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

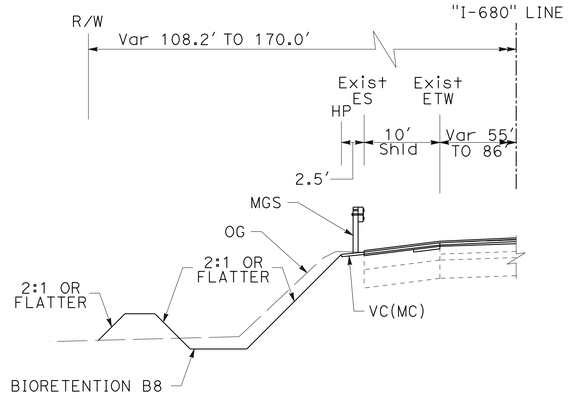
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



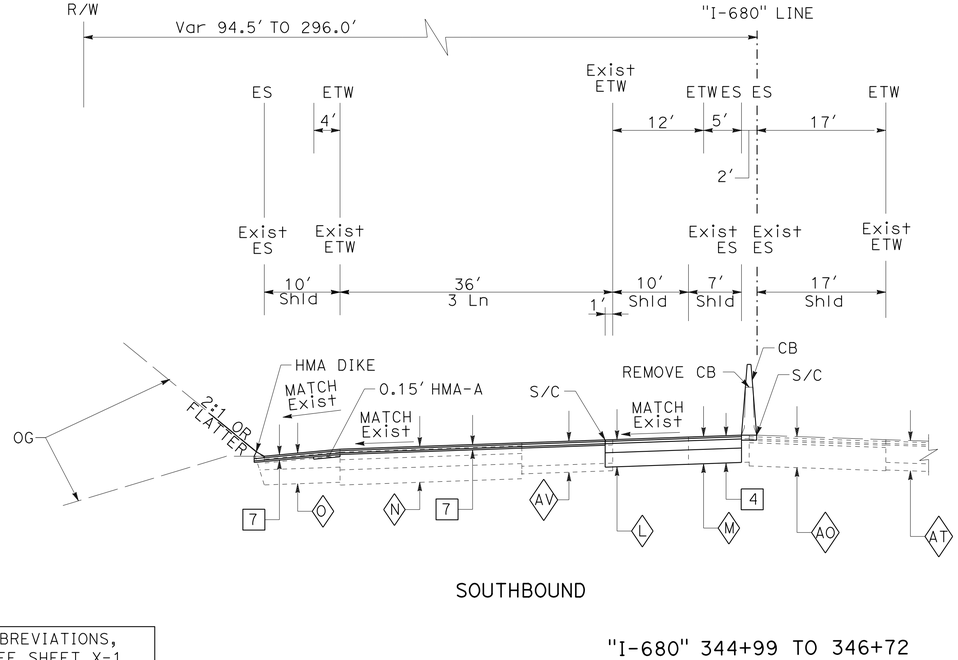
SOUTHBOUND

"I-680" 348+10 TO 372+44.96
"I-680" 378+11.86 TO 387+45
"I-680" 389+24 TO 390+38.31
"I-680" 394+60.00 TO 402+95.00

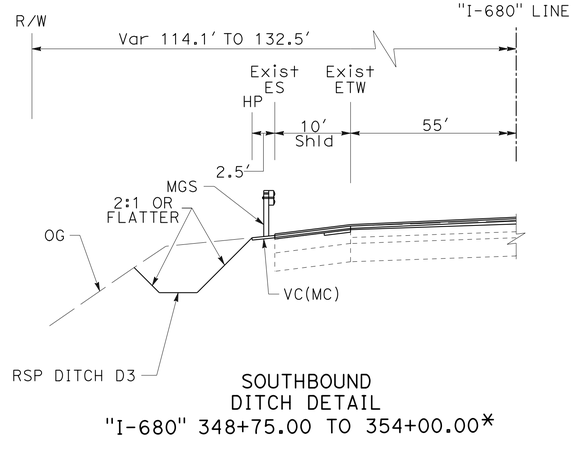
ROUTE 680



SOUTHBOUND
DITCH DETAIL
"I-680" 390+00.00 TO 395+60.00*



SOUTHBOUND



SOUTHBOUND
DITCH DETAIL
"I-680" 348+75.00 TO 354+00.00*

*FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

"I-680" 344+99 TO 346+72

ROUTE 680

TYPICAL CROSS SECTIONS

NO SCALE

X-13

REVISED BY	DATE REVISED
NB	9-29-21

NATALIA BIJAK
CARL H. GIBSON III
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca013.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ca013.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	16	1710

Carl H Gibson III 9-29-21
REGISTERED CIVIL ENGINEER DATE

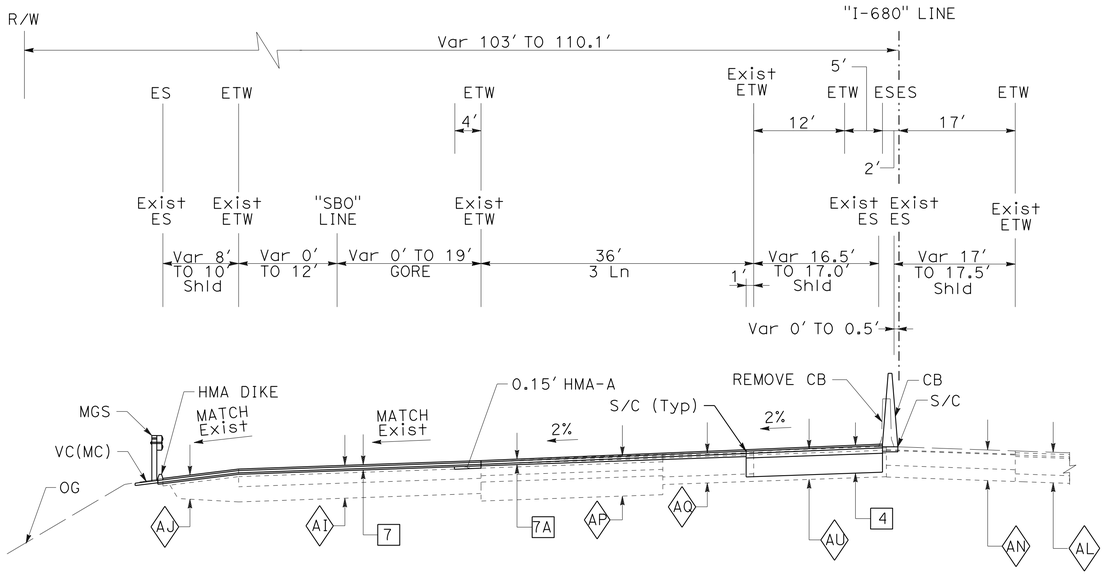
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CARL H. GIBSON III
No. C63399
Exp 9-30-22
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

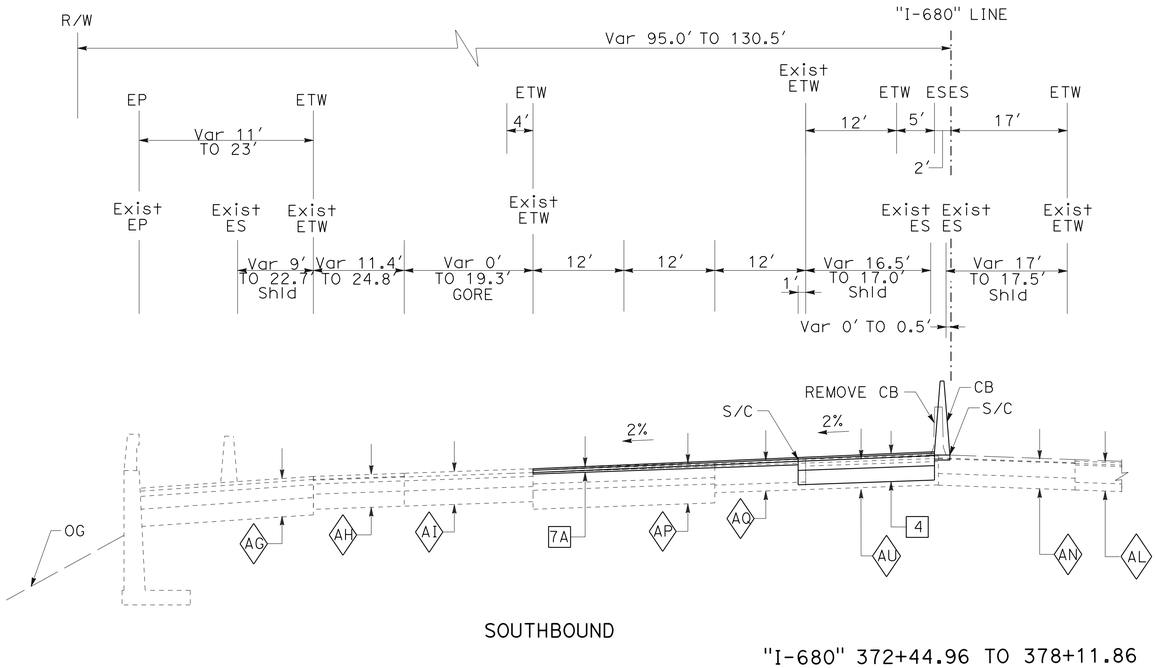
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND

"I-680" 390+38.31 TO 394+60.00
ROUTE 680



SOUTHBOUND

"I-680" 372+44.96 TO 378+11.86
ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-14

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ca014.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca014.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	17	1710

Col H. Gibson III 9-29-21
REGISTERED CIVIL ENGINEER DATE

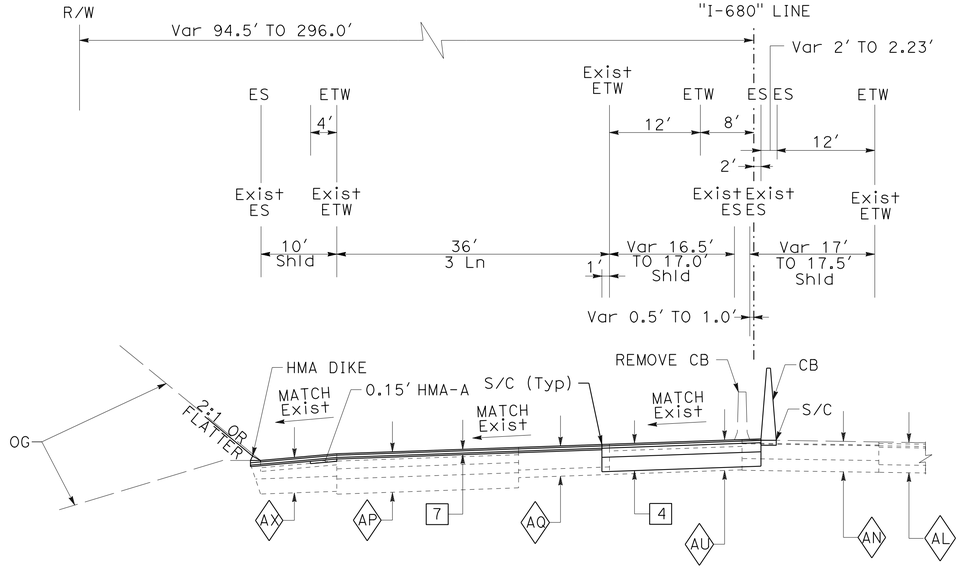
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

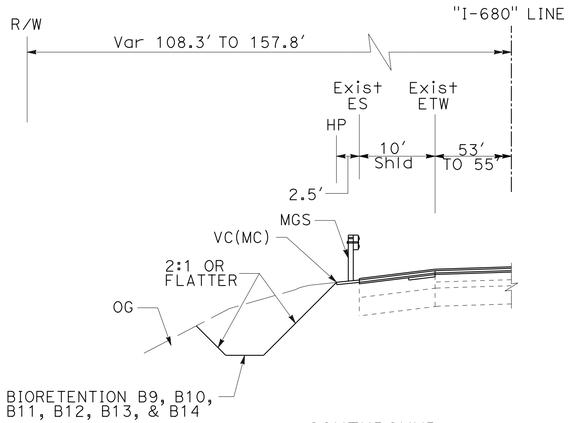
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



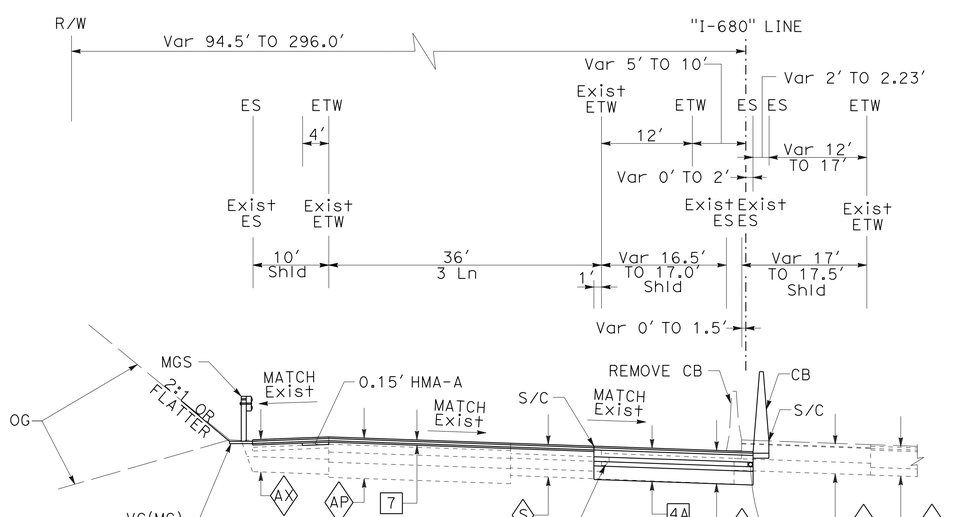
SOUTHBOUND

"I-680" 429+95.00 TO 442+37.50

ROUTE 680



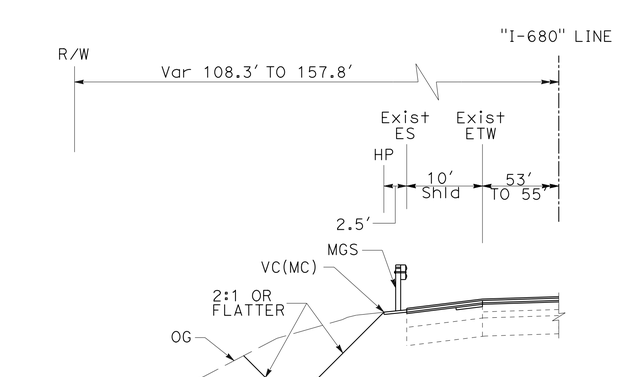
SOUTHBOUND
DITCH DETAIL
"I-680" 429+50.00 TO 491+00.00*



SOUTHBOUND

"I-680" 402+95.00 TO 410+56
"I-680" 412+93 TO 429+95.00

ROUTE 680



SOUTHBOUND
DITCH DETAIL
"I-680" 424+00.00 TO 505+50.00*

* FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-15

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
NATALIA BIJAK	CARL H. GIBSON III	NB	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ca015.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca015.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	18	1710

Col H. Gibson III 9-29-21
REGISTERED CIVIL ENGINEER DATE

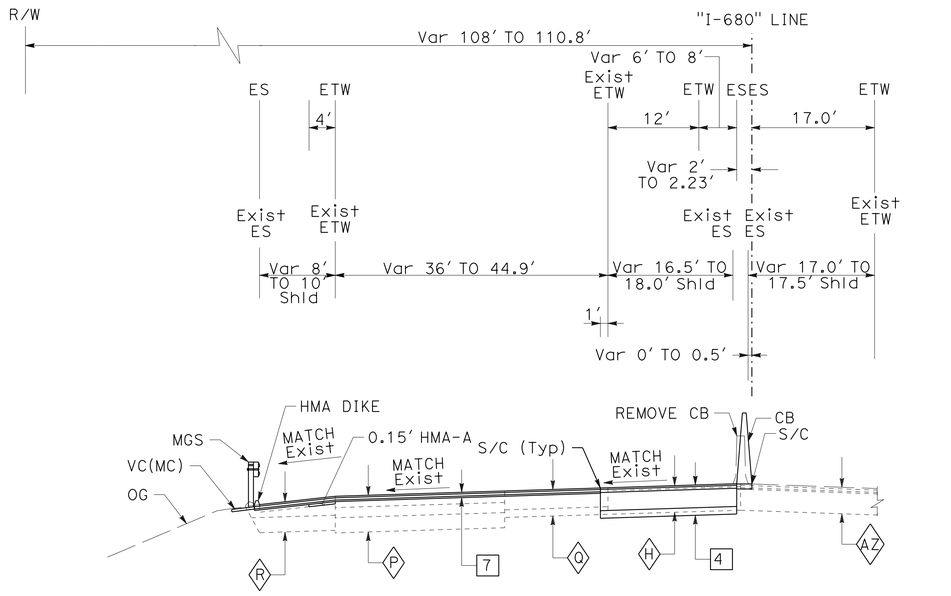
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CARL H. GIBSON III
No. C63399
Exp 9-30-22
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

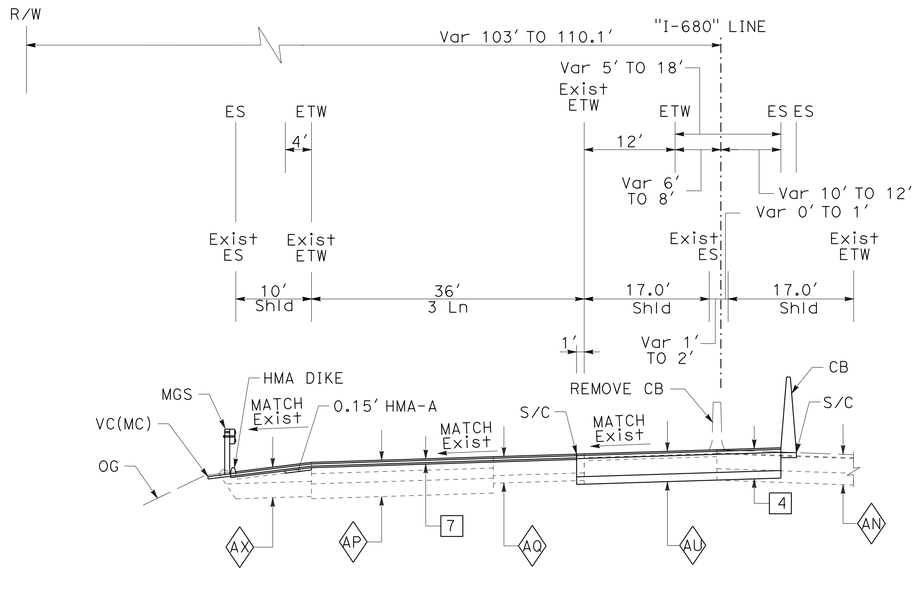
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



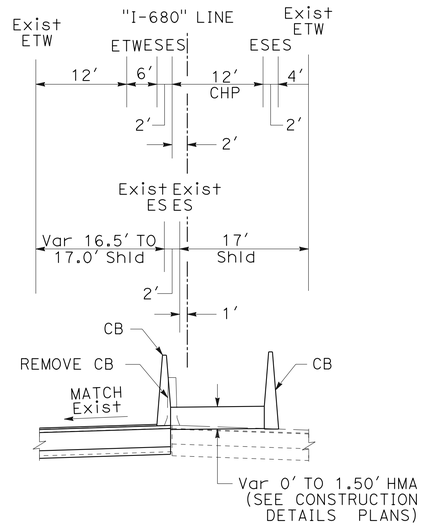
SOUTHBOUND

"I-680" 455+57.50 TO 507+50.00
ROUTE 680



SOUTHBOUND

"I-680" 442+37.50 TO 455+57.50
ROUTE 680



CHP ENFORCEMENT AREA DETAIL
"I-680" 454+42.50 TO 455+57.50*

* FOR INFORMATION NOT SHOWN, SEE MAIN TYPICAL SECTION.

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-16

REVISED BY	DATE REVISED
NB	9-29-21

NATALIA BIJAK
CARL H. GIBSON III
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:28

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca016.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca016.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	19	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

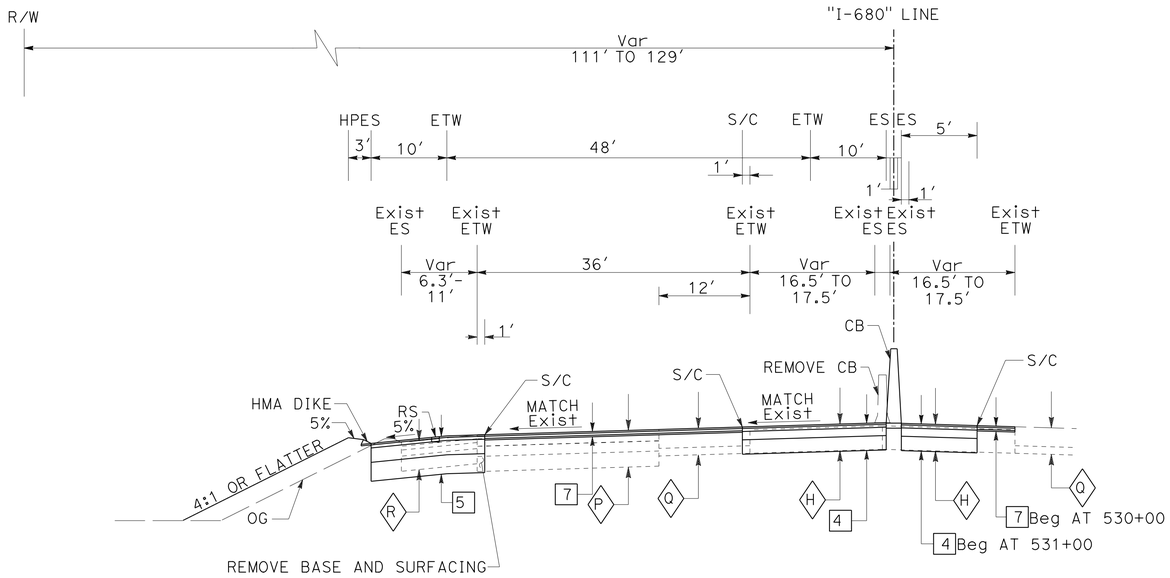
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

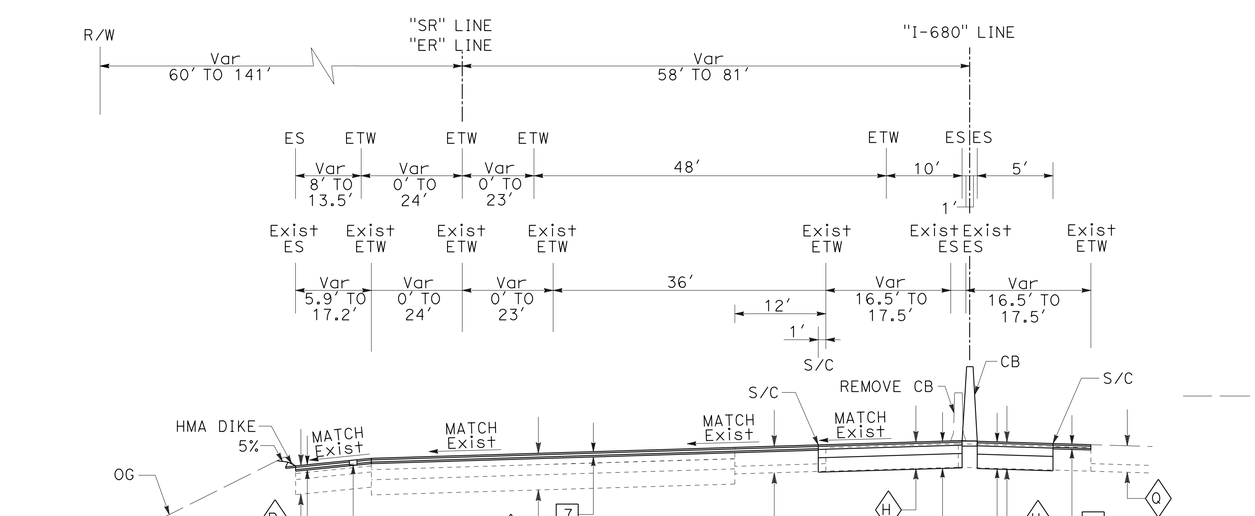
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

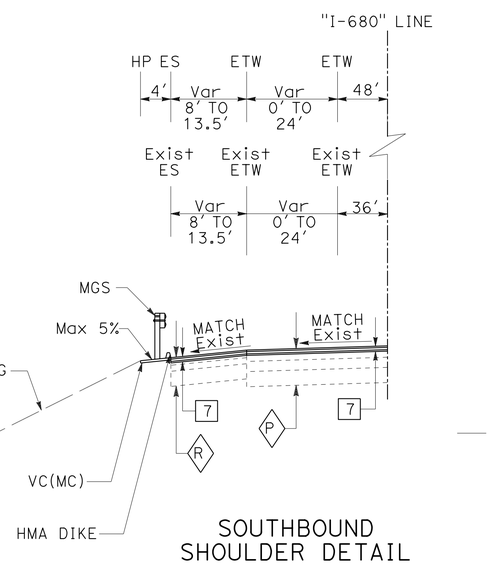
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



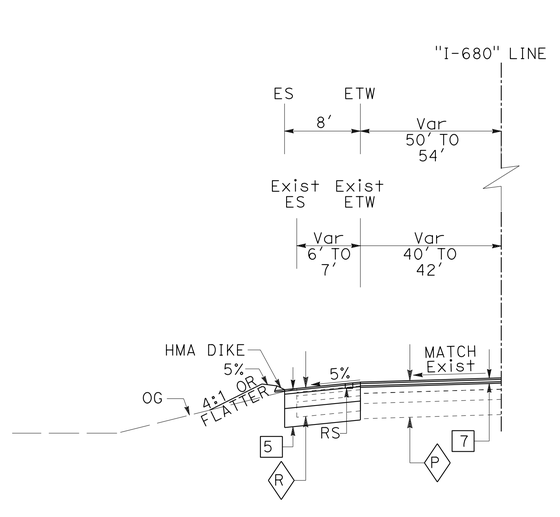
SOUTHBOUND
"I-680" 525+14.11 TO 533+00.47



SOUTHBOUND
"I-680" 507+50.00 TO 525+14.11
"I-680" 533+00.47 TO 536+42.38



SOUTHBOUND
SHOULDER DETAIL
"I-680" 507+50.00 TO 510+03.88



SOUTHBOUND
SHOULDER DETAIL
"I-680" 514+86.94 TO 516+98.67

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

ROUTE 680

TYPICAL CROSS SECTIONS

NO SCALE

X-17

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:29

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca017.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ca017.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	20	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

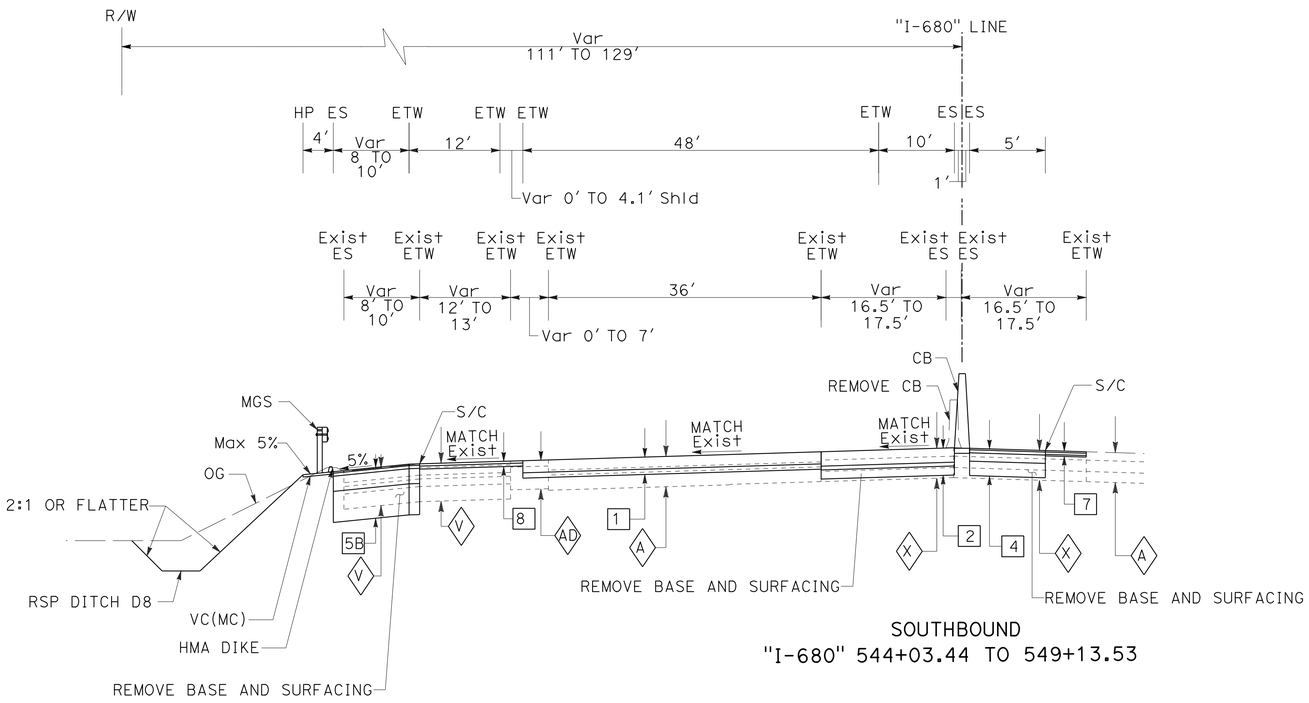
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

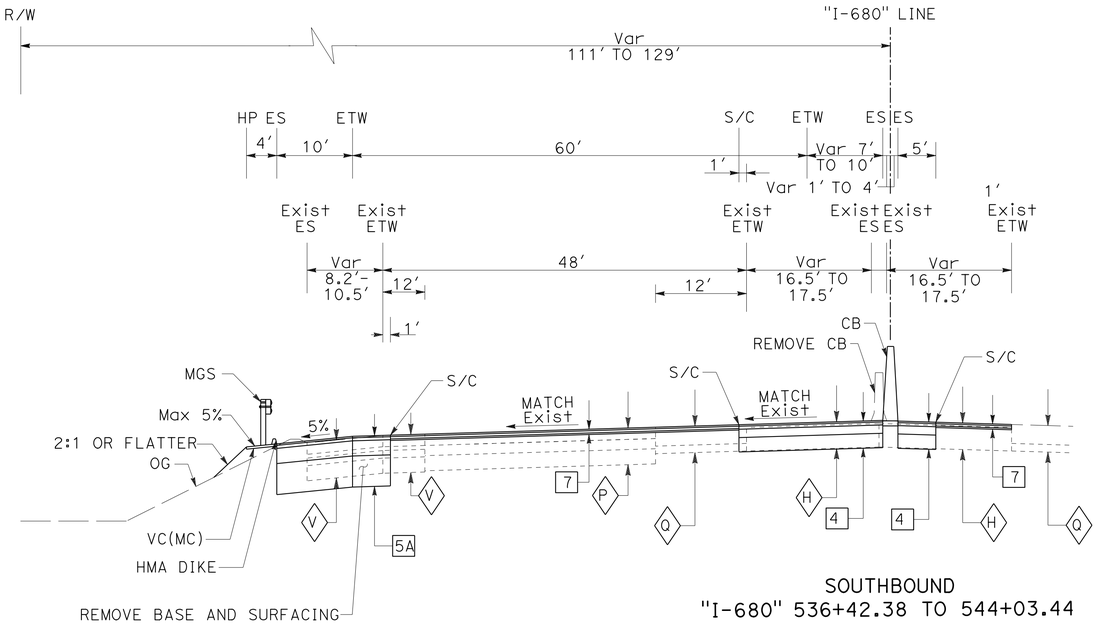
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

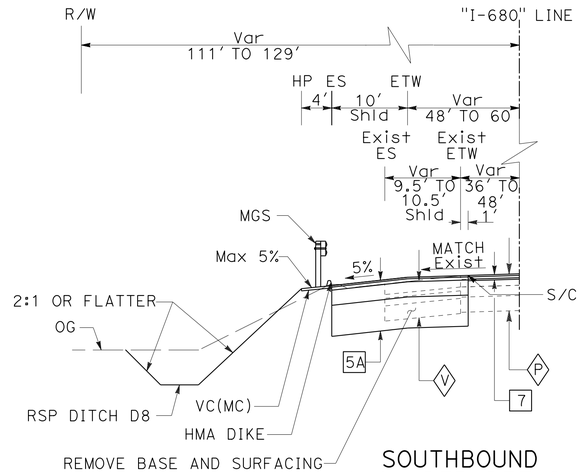
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND
"I-680" 544+03.44 TO 549+13.53



SOUTHBOUND
"I-680" 536+42.38 TO 544+03.44



SOUTHBOUND
SHOULDER DETAIL
"I-680" 543+00.00 TO 544+03.44

ROUTE 680

TYPICAL CROSS SECTIONS

NO SCALE

X-18

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:29
09-29-21

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ca018.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	21	1710

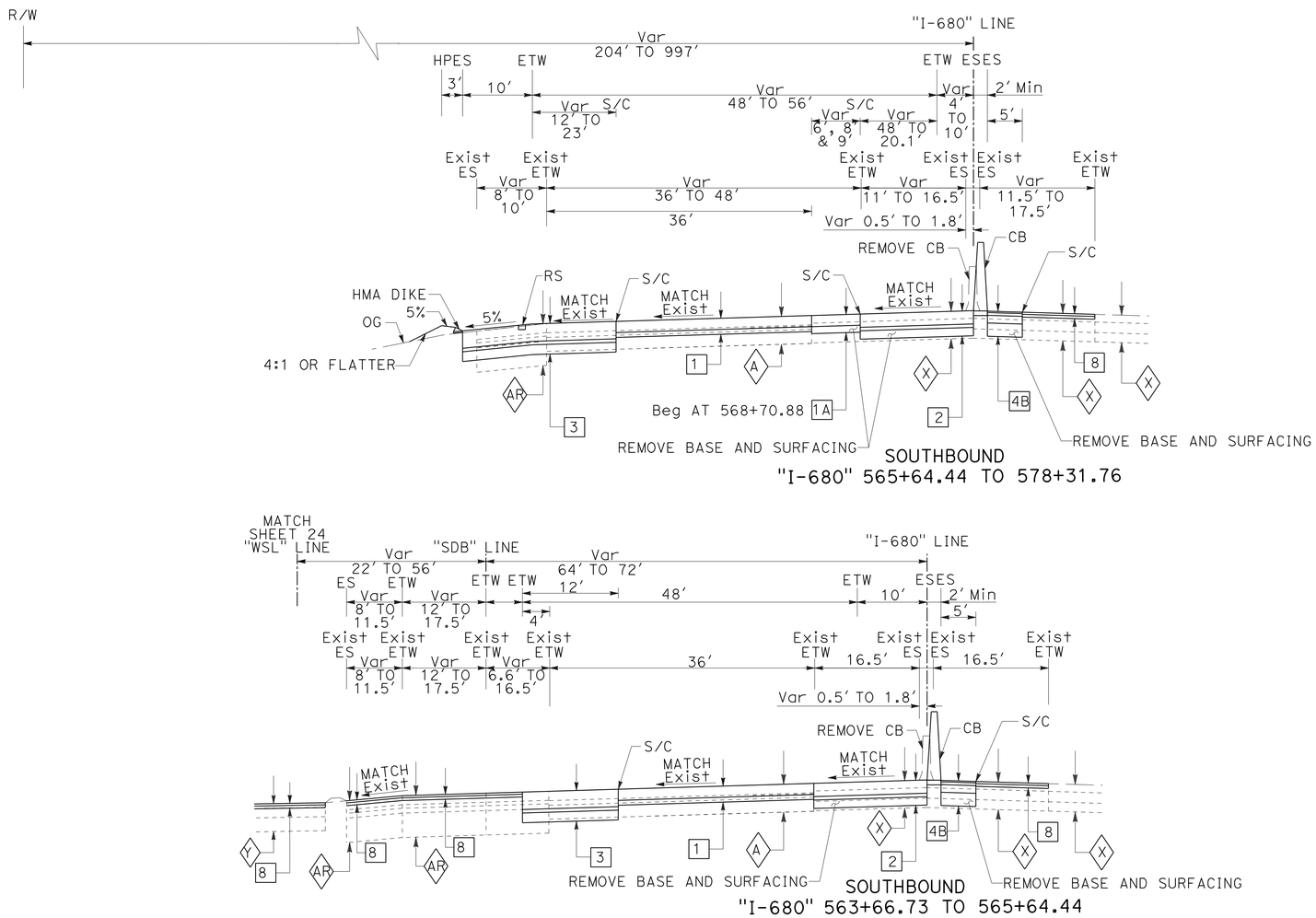
ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

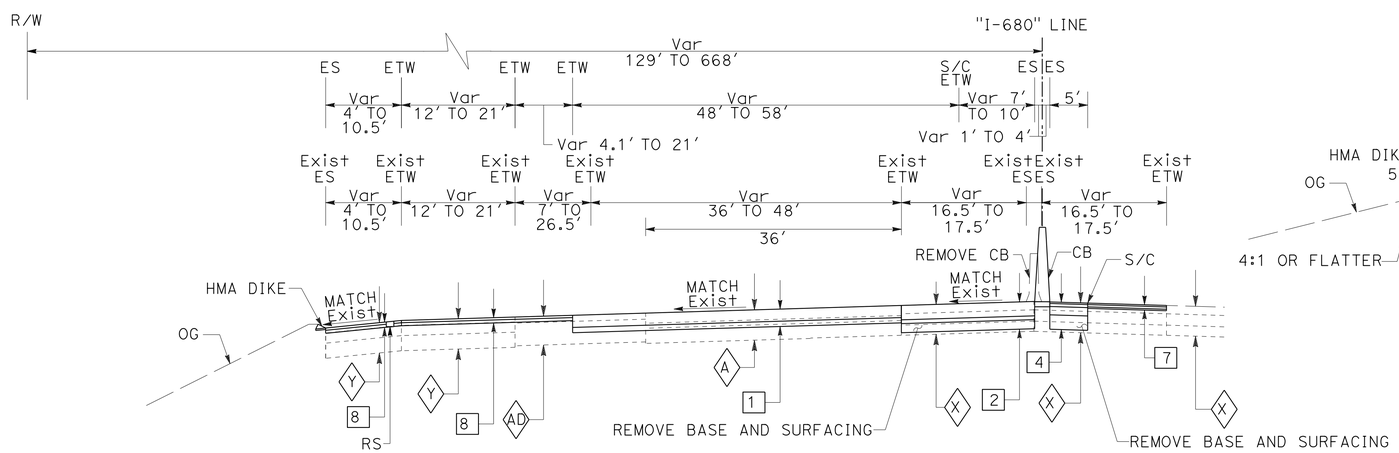
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

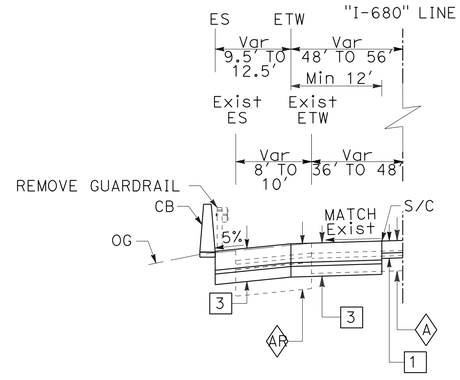


SOUTHBOUND
"I-680" 565+64.44 TO 578+31.76

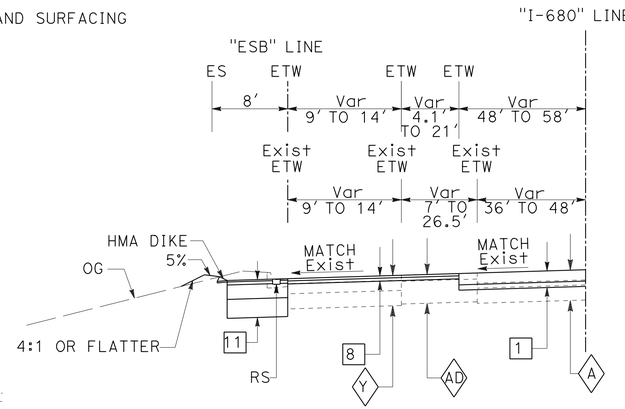
SOUTHBOUND
"I-680" 563+66.73 TO 565+64.44



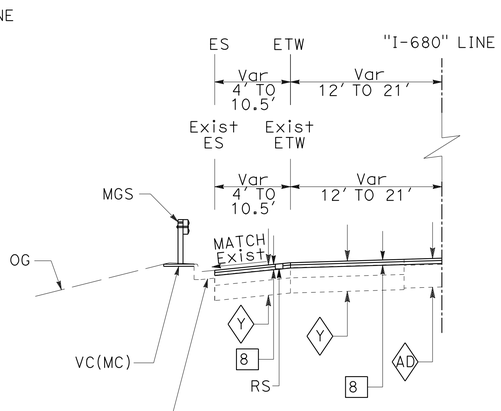
SOUTHBOUND
"I-680" 549+13.53 TO 560+42.62



SOUTHBOUND
SHOULDER DETAIL
"I-680" 567+22.20 TO 570+37.80



SOUTHBOUND
SHOULDER DETAIL
"I-680" 552+08.17 TO 554+72.81



SOUTHBOUND
SHOULDER DETAIL
"I-680" 557+53.80 TO 558+46.56

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

ROUTE 680

X-19

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:29

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca019.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ca019.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	22	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

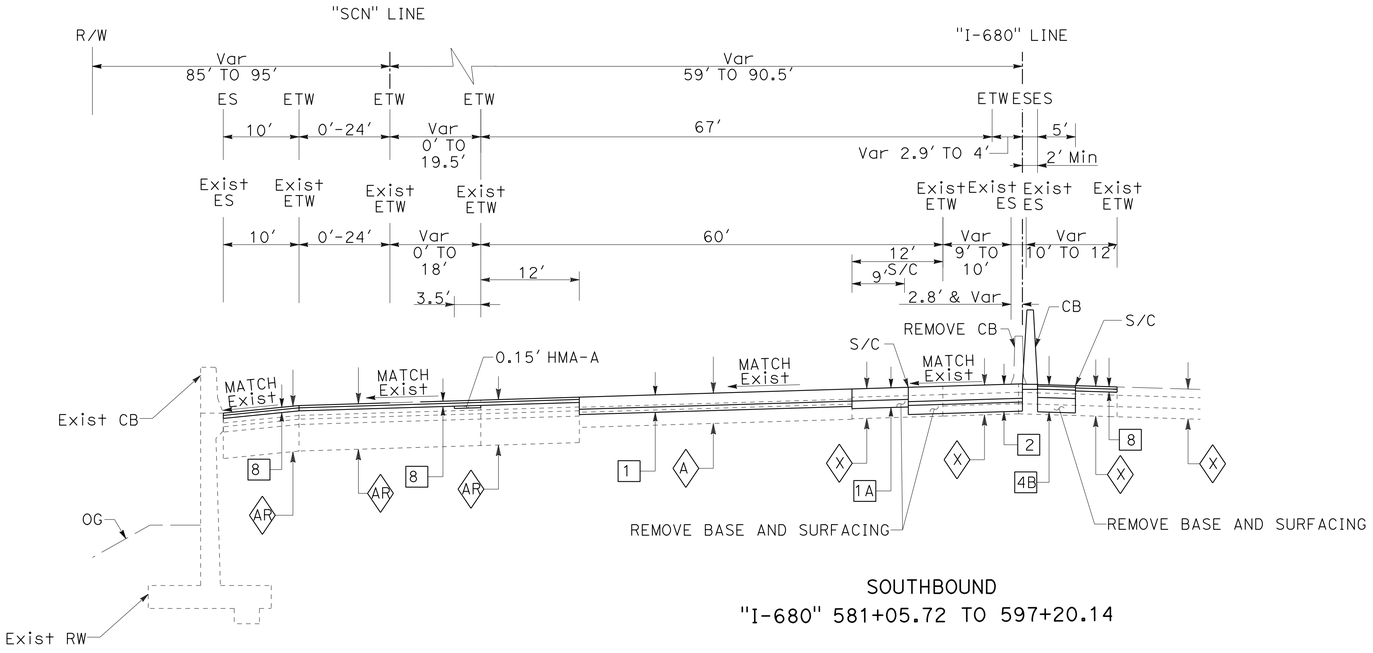
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

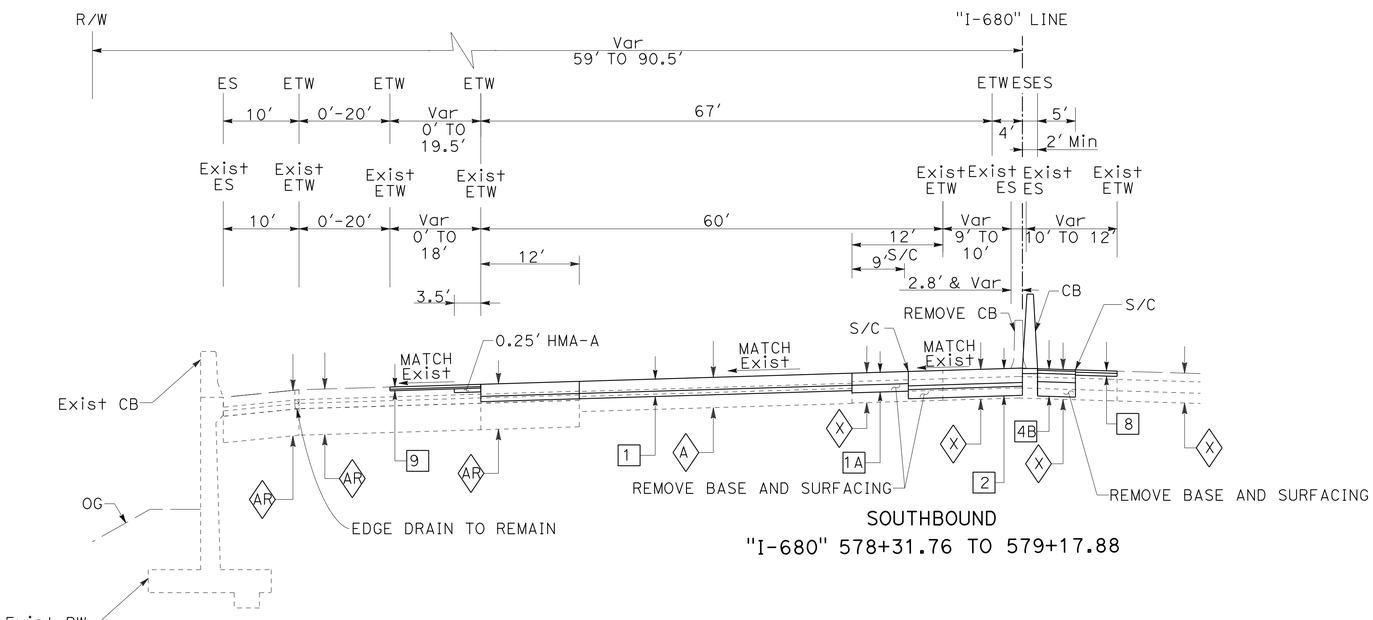
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND
"I-680" 581+05.72 TO 597+20.14



SOUTHBOUND
"I-680" 578+31.76 TO 579+17.88

ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-20

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca020.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:29

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca020.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	23	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

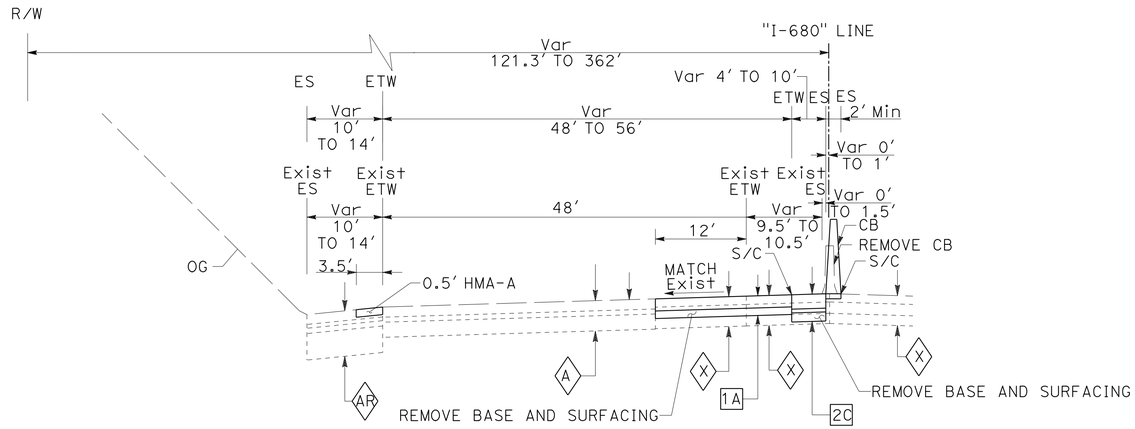
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Abhijeet R. Bhoi
No. 68606
Exp. 9-30-23
CIVIL
STATE OF CALIFORNIA

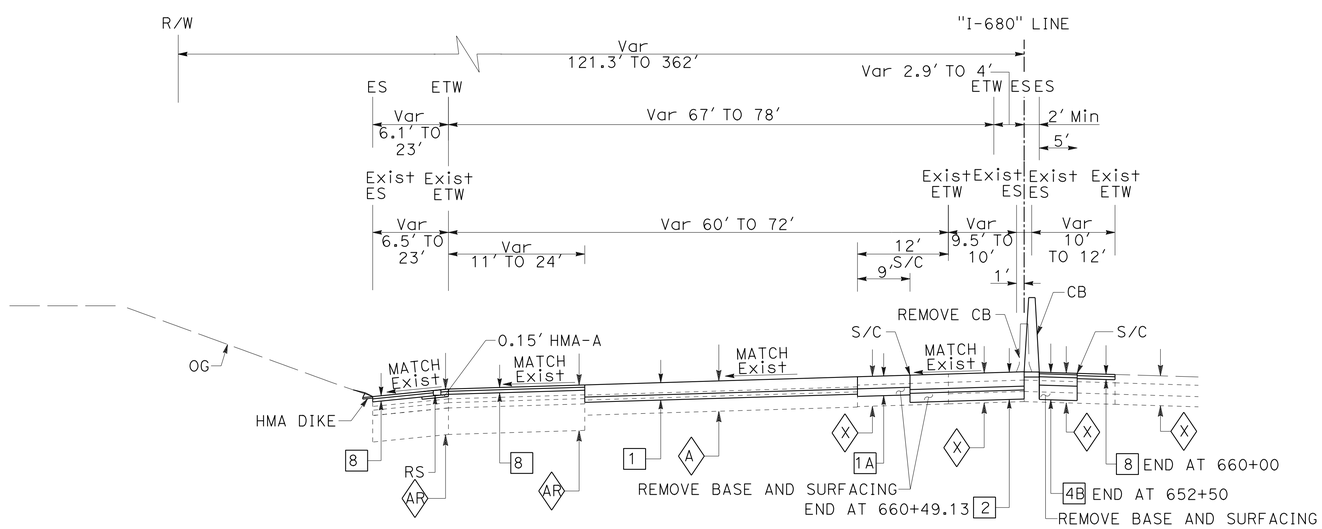
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

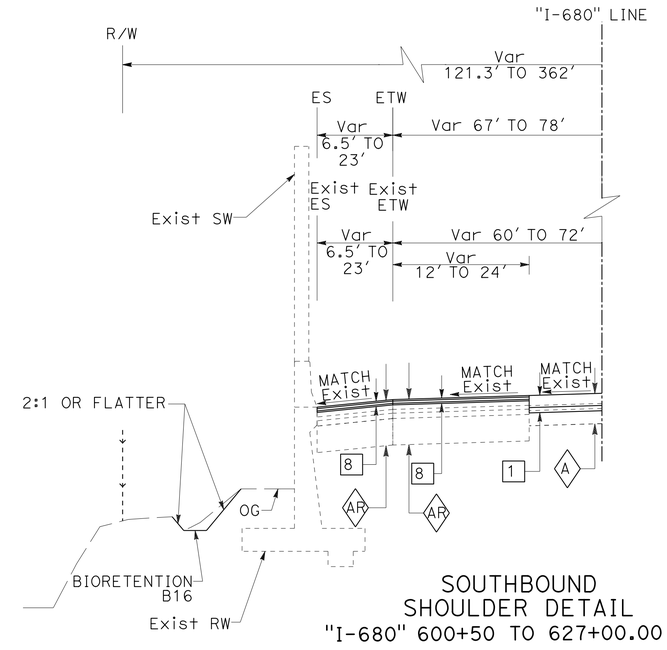
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



SOUTHBOUND
"I-680" 658+51.63 TO 681+00.00



SOUTHBOUND
"I-680" 599+34.08 TO 658+51.63



SOUTHBOUND
SHOULDER DETAIL
"I-680" 600+50 TO 627+00.00

ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-21

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY	CHECKED BY
TIANHUA SUN	SHRUTI SHAH

CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:29

O:\6030\DRAFTING\FINAL_PS&E\04200002351ca021.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	24	1710

Carl H. Gibson III — 9-29-21
REGISTERED CIVIL ENGINEER — DATE

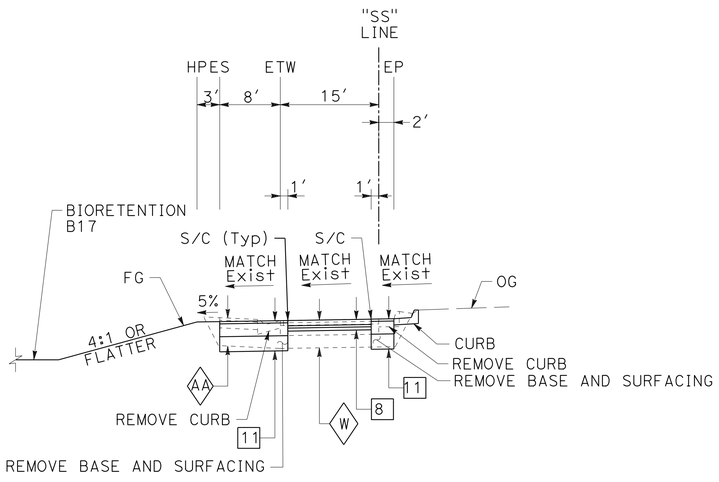
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CARL H. GIBSON III — No. C63399 — Exp 9-30-22 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

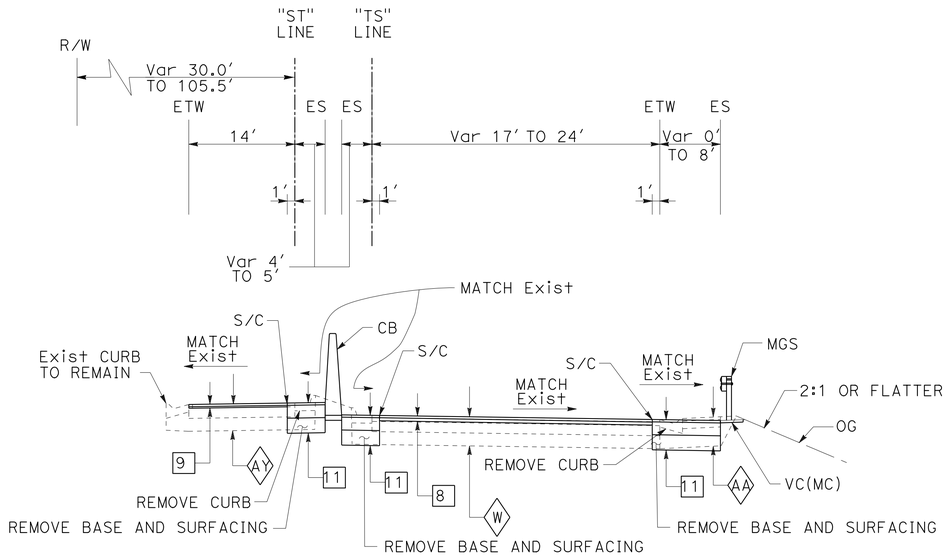
WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



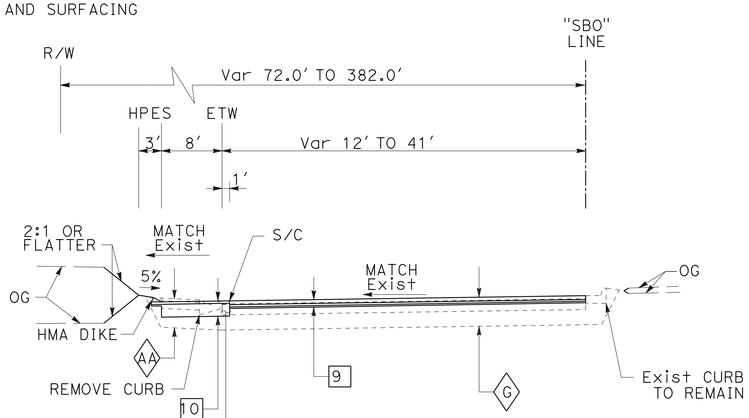
SB ROUTE 680 SUNOL BLVD ON-RAMP

"SS" 316+30.00 TO 317+39.00



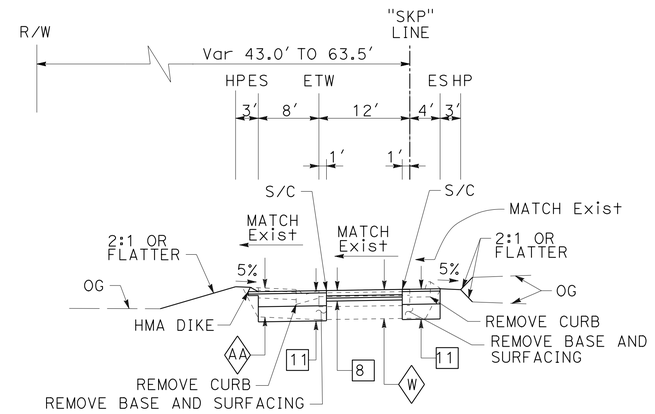
SB ROUTE 680 SUNOL BLVD ON-RAMP AND OFF-RAMP

"ST" 309+03.88 TO 312+68.31
"TS" 314+19.05 TO 317+05.54



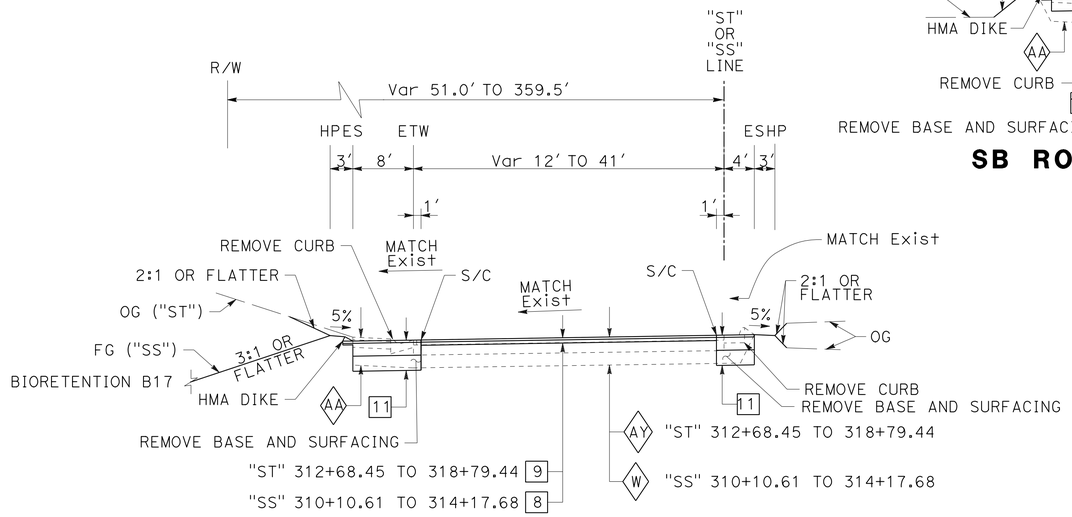
SB ROUTE 680 BERNAL AVE OFF-RAMP

"SBO" 380+89.63 TO 387+66.23



SB ROUTE 680 KOOPMAN RD OFF-RAMP

"SKP" 161+66+20 TO 174+38.12



SB ROUTE 680 SUNOL BLVD OFF-RAMP

"ST" 312+68.31 TO 318+79.40

SB ROUTE 680 SUNOL BLVD ON-RAMP

"SS" 310+08.5 TO 314+19.05

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-22

REVISED BY	DATE REVISED
NB	9-29-21

CALCULATED-DESIGNED BY: NATALIA BIJAK
CHECKED BY: CARL H. GIBSON III
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:29
09-29-21

O:\6030U\DRAFTING\FINAL_PS&E\04200002351ca022.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ca022.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	25	1710

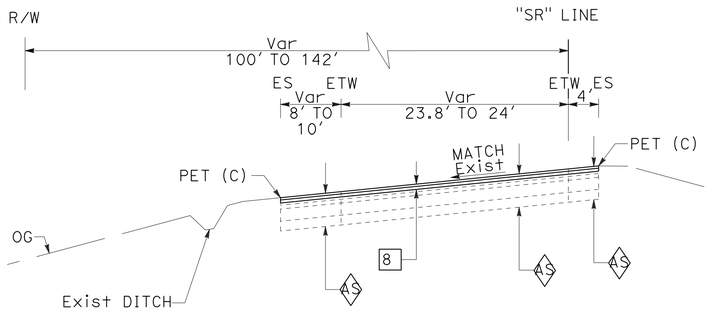
ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

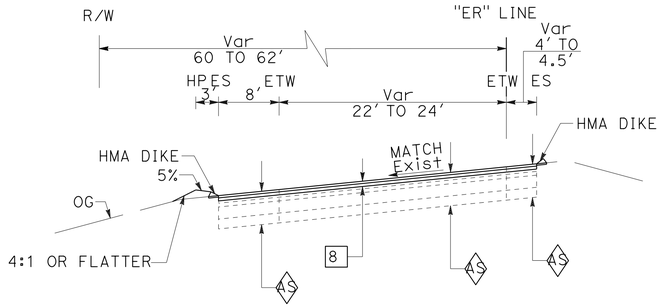
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



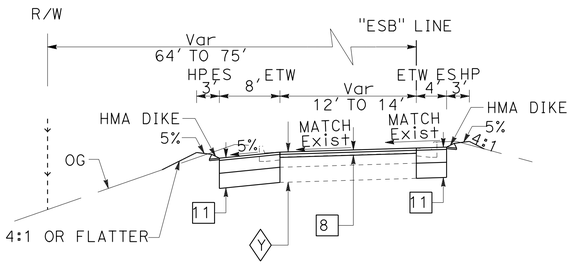
"SR" 529+98.11 TO 531+00.90

SB ROUTE 680 OFF-RAMP TO STONERIDGE DRIVE



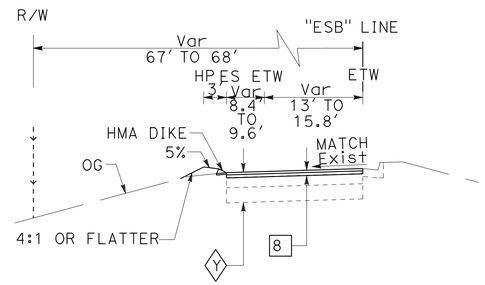
"ER" 515+33.19 TO 516+61.91

SB ROUTE 680 ON-RAMP FROM STONERIDGE DRIVE



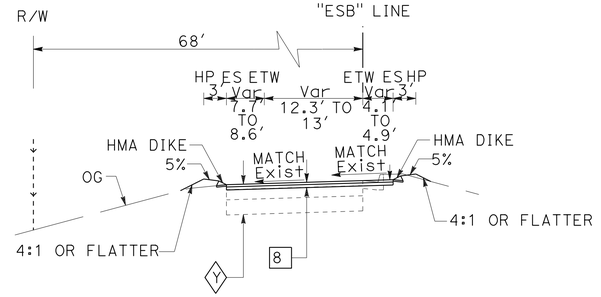
"ESB" 554+72.81 TO 561+03.40

EB ROUTE 580 OFF-RAMP TO SB ROUTE 680



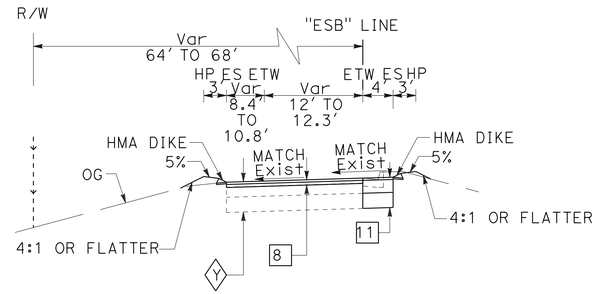
"ESB" 563+08.96 TO 564+16.82

EB ROUTE 580 OFF-RAMP TO SB ROUTE 680



"ESB" 562+54.50 TO 563+08.96

EB ROUTE 580 OFF-RAMP TO SB ROUTE 680



"ESB" 561+03.40 TO 562+54.50

EB ROUTE 580 OFF-RAMP TO SB ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
REVISED BY: BD
DATE REVISED: 9-29-21
D:\0030U\DRAFTING\FINAL_PS&E\04200002351ca023.dgn
LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:29

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca023.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	26	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

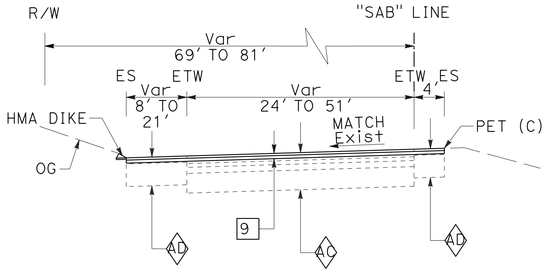
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

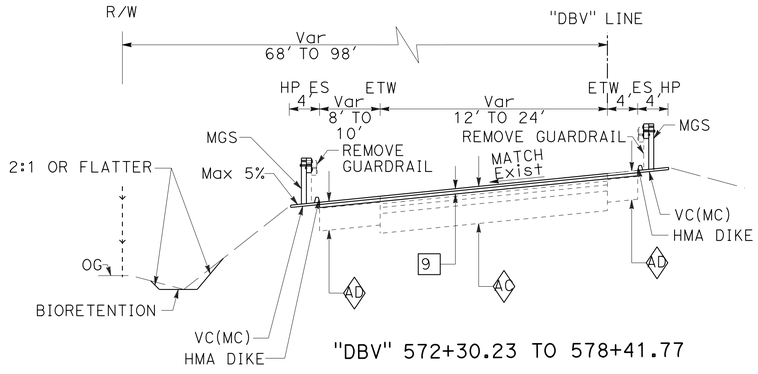
AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



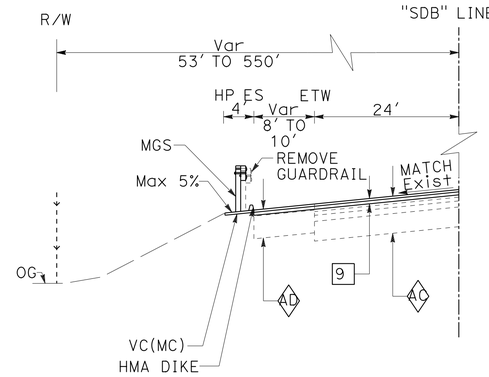
"SAB" 651+83.35 TO 659+52.49

SB ROUTE 680 ON-RAMP FROM ALCOSTA BOULEVARD

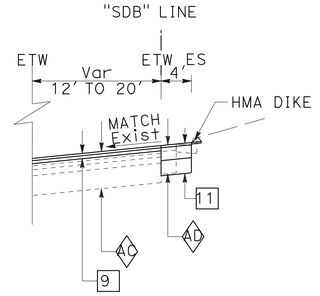


"DBV" 572+30.23 TO 578+41.77

SB ROUTE 680 OFF-RAMP TO AMADOR PLAZA ROAD

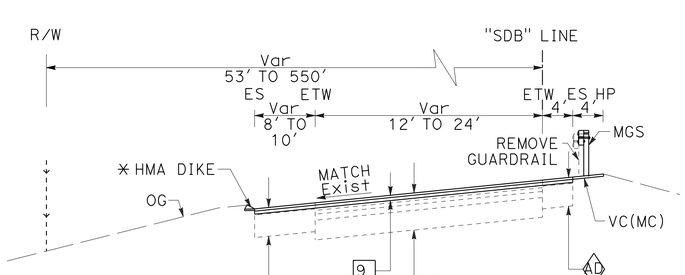


SHOULDER DETAIL
"SDB" 570+33.95 TO 572+06.77



SHOULDER DETAIL
"SDB" 566+19.32 TO 567+06.33

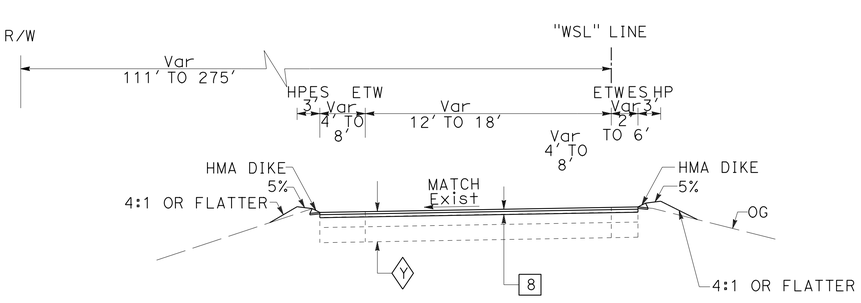
SB ROUTE 680 ON-RAMP FROM AMADOR PLAZA ROAD



"SDB" 565+64.44 TO 577+03.91

SB ROUTE 680 ON-RAMP FROM AMADOR PLAZA ROAD

* END AT "SDB" 572+90.29



"WSL" 563+69.16 TO
571+33.71

WB ROUTE 580 OFF-RAMP TO SB ROUTE 680

FOR NOTES, ABBREVIATIONS, AND DETAIL, SEE SHEET X-1

TYPICAL CROSS SECTIONS

NO SCALE

X-24

REVISED BY	DATE REVISED
BD	9-29-21

TIANHUA SUN — CALCULATED-DESIGNED BY
SHRUTI SHAH — CHECKED BY
ABHIJEET R. BHOI — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ca024.dgn

LAST REVISION DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:29
09-29-21

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ca024.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	27	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

NIVEDITA U. PENDSE No. C63593 Exp. 9-30-22 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

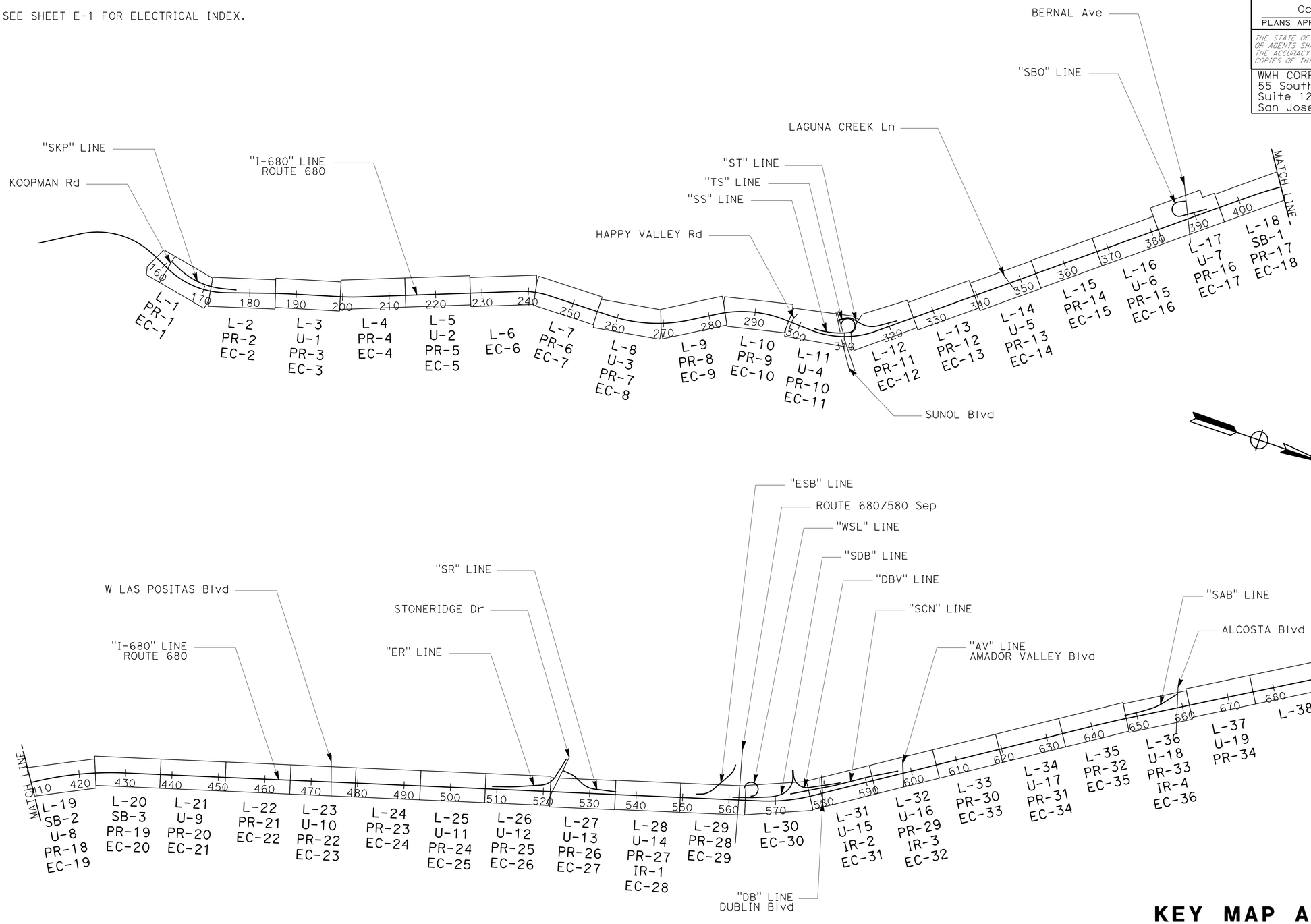
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTES:

1. SAME NUMBER AND ORIENTATION FOR ALL SHEETS UNLESS OTHERWISE SHOWN.
2. SEE SHEET E-1 FOR ELECTRICAL INDEX.



KEY MAP AND LINE INDEX

NO SCALE

K-1

REVISED BY	DATE REVISED
JR	9-29-21

CALCULATED-DESIGNED BY: JONATHAN ROSALES
CHECKED BY: NIVEDITA PENDSE
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

O:\4030U\DRAFTING\FINAL_PS&E\04200002351da001.dgn

LAST REVISION 09-29-21 | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:29

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235da001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTES:

1. FOR COMPLETE PROJECT CONTROL DATA, SEE SURVEY RECORDS ON FILE IN THE SURVEYS DEPARTMENT AT THE DISTRICT OFFICE.
2. COORDINATES AND BEARINGS ARE ON CCS 83, ZONE 3, NAD83, EPOCH 2014.55. DISTANCES AND STATIONING ARE GRID DISTANCES. MULTIPLY BY 1.0000606 TO OBTAIN GROUND DISTANCES. ALL DISTANCES ARE IN FEET UNLESS OTHERWISE NOTED. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
3. ONLY SELECTED POINTS CONTAINED IN THE TABULATED POINT LISTING ON SHEETS PC-3 THROUGH PC-8 ARE SHOWN HEREON.

LEGEND:

- ⊙ FOUND OR SET MONUMENTS BY AECOM
- △ MTLS - MOBILE TERRESTRIAL LASER SCANNING CONTROL SET BY AECOM
- ◇ MTLS - MOBILE TERRESTRIAL LASER SCANNING CONTROL SET BY REY ENGINEERS
- X CONTROL FROM CALTRANS UNRECORDED RECORD OF SURVEY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	28	1710

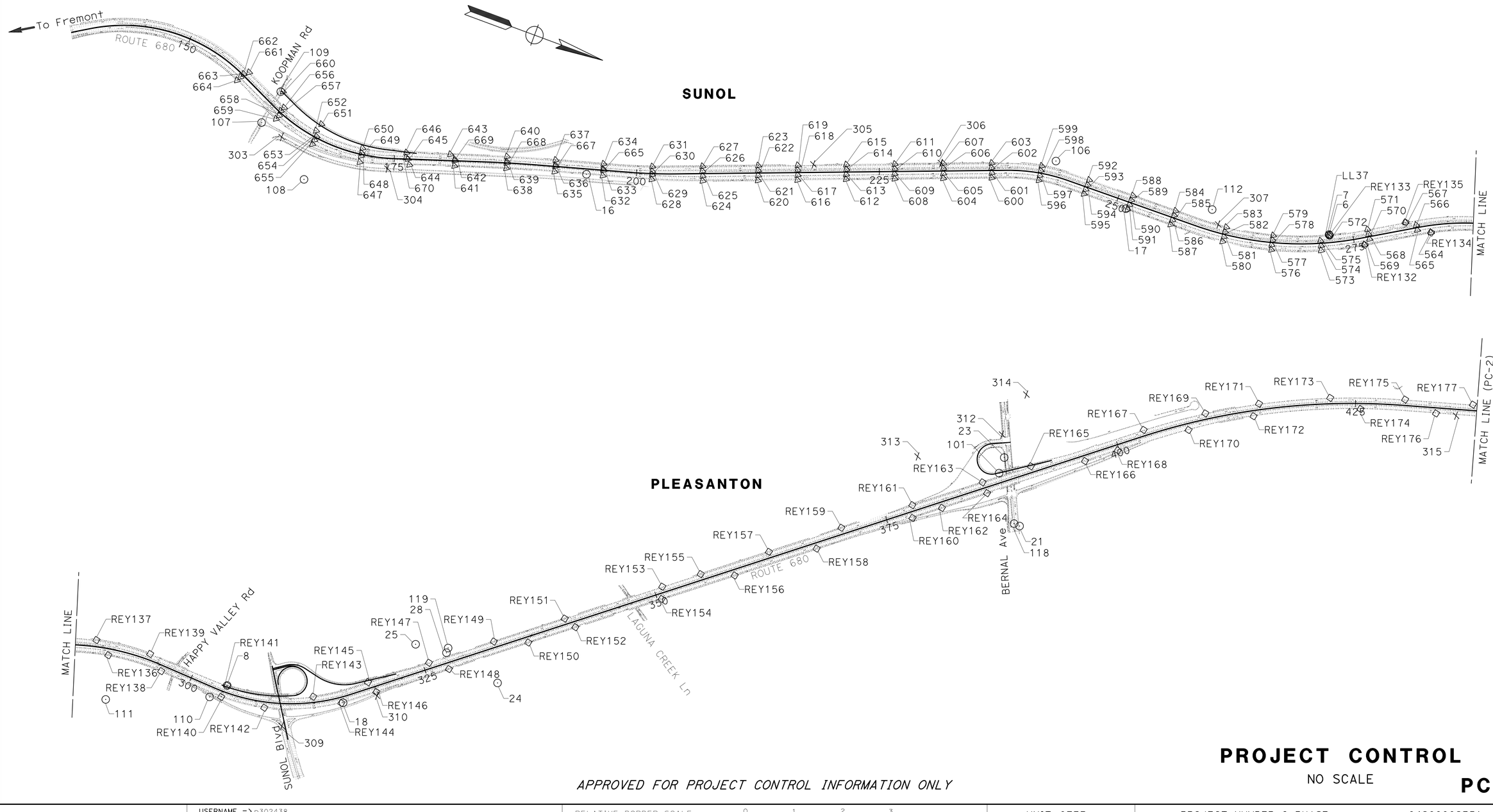
9-29-21
PROFESSIONAL LAND SURVEYOR — DATE

Brian M. Coleson No. 8367 Exp. 12-31-23 — PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

NO SCALE

PC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR

CALCULATED-DESIGNED BY: BENJAMIN DEMONBREUN
CHECKED BY: BRIAN COLESON

REVISED BY: BD — DATE REVISED: 9-29-21

LAST REVISION — DATE PLOTTED => 4-APR-2022 — TIME PLOTTED => 14:29

O:\0030\ULDRAFTING\FINAL_PS&E\04200002351dc01.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235dc01.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	29	1710

PROFESSIONAL LAND SURVEYOR — 9-29-21 DATE

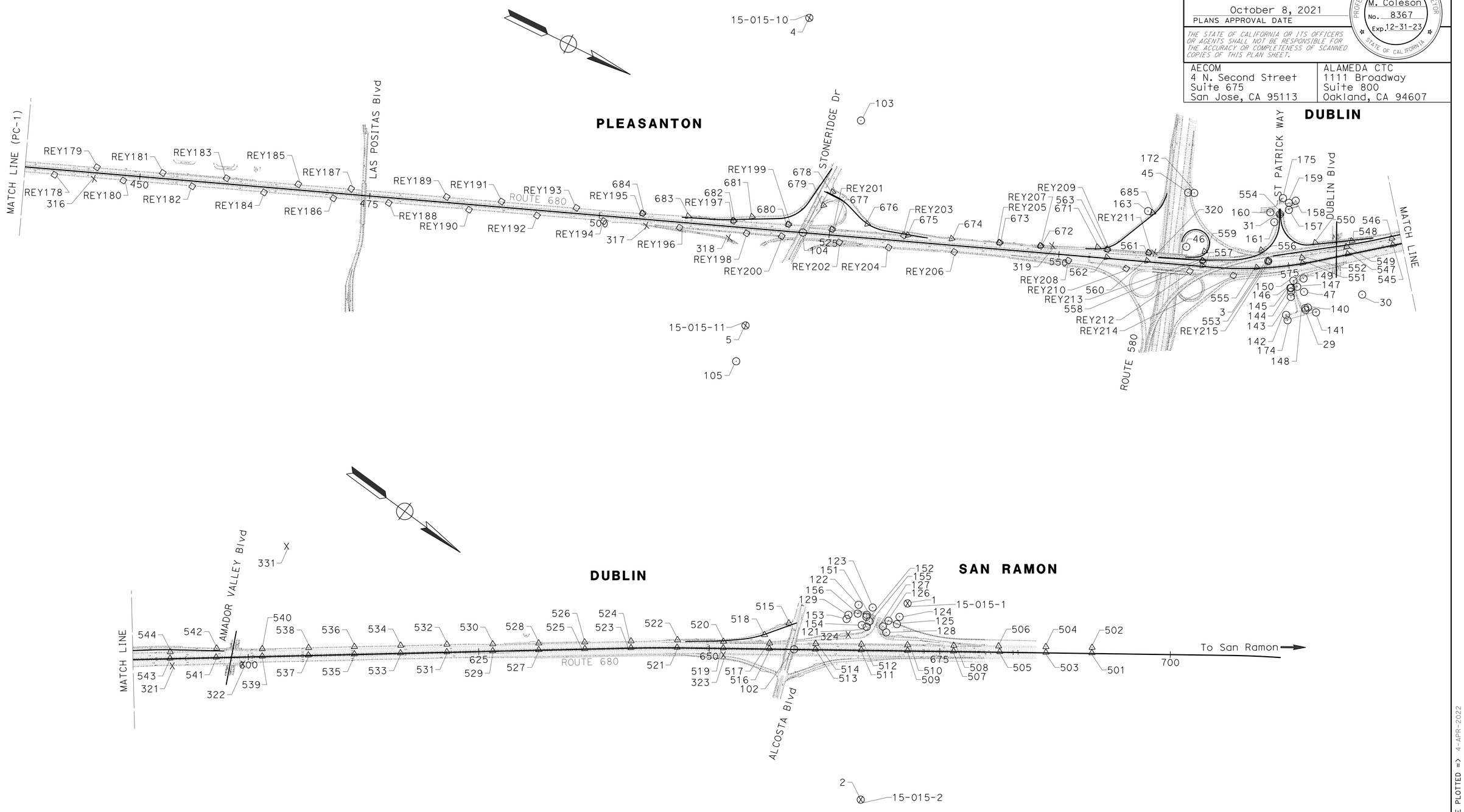
Brian M. Coleson No. 8367 Exp. 12-31-23 — PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES AND LEGEND, SEE SHEET PC-1

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

NO SCALE

PC-2

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: BENJAMIN DEMONBREUN
CHECKED BY: BRIAN COLESON
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\6030U\DRAFTING\FINAL_PS&E\04200002351dc02.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:29
09-29-21

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235dc02.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	30	1710

PROFESSIONAL LAND SURVEYOR — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

Brian M. Coleson No. 8367 Exp. 12-31-23 — PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CONTROL FOR DESIGN AND CONSTRUCTION: FOUND OR SET MONUMENTS BY AECOM

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2089934.474	6144058.165	472.960	FOUND CALTRANS 15_015_1 (CALTRANS DRAFT RECORD OF SURVEY)
2	2090615.434	6146137.302	374.631	FOUND CALTRANS 15_015_2 (CALTRANS DRAFT RECORD OF SURVEY)
3	2081815.131	6149676.057	357.304	FOUND REY215
4	2076220.769	6149021.896	367.809	FOUND CALTRANS 15_015_10 (CALTRANS DRAFT RECORD OF SURVEY)
5	2076785.225	6152381.635	330.274	FOUND CALTRANS 15_015_11 (CALTRANS DRAFT RECORD OF SURVEY)
6	2054886.561	6161598.519	358.741	FOUND REY133
7	2054879.653	6161593.393	357.849	FOUND 1" IRON PIPE W/ PLASTIC PLUG STAMPED "CONTROL" (POINT LL37 CALTRANS DRAFT RECORD OF SURVEY)
8	2057846.140	6160806.244	338.030	FOUND REY141
9	2041472.971	6158982.539	258.610	FOUND CALTRANS 015_15_12 (CALTRANS DRAFT RECORD OF SURVEY)
10	2031348.112	6160775.756	307.010	FOUND CALTRANS 015_15_5 (CALTRANS DRAFT RECORD OF SURVEY)
11	2043286.986	6170212.758	365.336	FOUND CALTRANS 015_15_13 (CALTRANS DRAFT RECORD OF SURVEY)
12	2040139.255	6164561.943	291.372	FOUND 2" BRASS DISK (POINT 301 CALTRANS DRAFT RECORD OF SURVEY)
13	2039157.676	6164991.348	276.816	FOUND NURSERY (CALTRANS DRAFT RECORD OF SURVEY)
14	2041307.713	6164479.927	330.085	FOUND 1" IRON PIPE W/ PLASTIC PLUG STAMPED "CONTROL" (POINT LL31 CALTRANS DRAFT RECORD OF SURVEY)
15	2042526.629	6167119.526	327.276	FOUND HV1078
16	2047492.747	6163662.956	299.156	FOUND HV1200
17	2052825.847	6162069.277	351.466	FOUND HV1205
18	2059025.801	6160549.987	373.138	FOUND HV1211
21	2064835.728	6156381.082	324.739	SET MAG NAIL
23	2064500.481	6155780.934	321.441	SET MAG NAIL
24	2060441.344	6159796.947	367.961	SET #5 REBAR AND PLASTIC CAP
25	2059511.348	6159722.817	352.035	#5 REBAR AND PLASTIC CAP
26	2039907.002	6164304.267	256.342	SET MAG NAIL
28	2059839.104	6159691.835	356.425	SET #5 REBAR AND PLASTIC CAP
29	2082384.047	6150022.458	334.196	SET MAG NAIL
30	2082895.341	6149644.921	337.303	SET MAG NAIL
31	2081748.934	6149156.265	340.122	SET MAG NAIL
32	2081394.942	6148202.430	344.393	SET MAG NAIL
33	2080172.076	6147218.464	361.823	SET MAG NAIL
34	2080234.667	6146912.809	364.246	SET MAG NAIL
35	2080678.242	6146611.566	367.861	SET MAG NAIL
36	2081117.255	6146291.880	369.874	SET MAG NAIL
38	2079677.429	6146601.320	401.085	SET MAG NAIL
39	2080135.707	6146518.931	398.210	SET MAG NAIL
40	2079098.969	6146711.951	376.684	SET MAG NAIL
41	2079394.519	6146753.458	384.910	SET #5 REBAR AND PLASTIC CAP
42	2079865.059	6147085.427	368.214	SET MAG NAIL
43	2080027.050	6147550.575	360.332	SET MAG NAIL
44	2080170.032	6148017.653	354.410	SET MAG NAIL
45	2080735.264	6149298.347	340.875	SET MAG NAIL
46	2080930.650	6149853.701	342.719	SET MAG NAIL
47	2082297.321	6149845.968	332.502	SET MAG NAIL
48	2080187.285	6155256.115	329.388	SET MAG NAIL
49	2080683.048	6155049.300	330.313	SET MAG NAIL
101	2064508.009	6155949.603	343.479	FOUND BRASS DISK (POINT A-300R S139.21)
102	2089146.818	6145126.423	411.186	FOUND 3" BRASS DISK (POINT C-225 S114.1)
103	2077146.014	6149856.544	338.891	FOUND 3" BRASS DISK STAMPED "CITY OF PLEASANTON" (S225.1)
104	2076999.695	6151216.832	355.765	FOUND 3" BRASS DISK STAMPED "CITY OF PLEASANTON" (S225.1)

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

PC-3

REVISED BY	DATE REVISED
BD	9-29-21

BENJAMIN DEMONBREUN
BRIAN COLESON

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D1:\0030U\DRAFTINGFINAL_PS&E\04200002351dc03.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:30

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235dc03.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	31	1710

9-29-21
PROFESSIONAL LAND SURVEYOR — DATE

Brian M. Coleson No. 8367 Exp. 12-31-23 — PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CONTROL FOR DESIGN AND CONSTRUCTION: FOUND OR SET MONUMENTS BY AECOM CONTINUED

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
105	2076831.550	6152779.917	330.392	FOUND 3" BRASS DISK STAMPED "CITY OF PLEASANTON RCE 25231" (S225.2)
106	2051979.678	6161858.421	373.006	FOUND 1.5" IRON PIPE W/ BRASS CAP (POINT 8U S139.11)
107	2044170.682	6164323.620	271.599	FOUND NAIL SHANK (POINT CR-12 S139.6)
108	2044783.176	6164721.181	412.058	FOUND RAILROAD SPIKE IN CONCRETE (POINT CR-14 S139.7)
109	2044245.145	6163956.774	263.223	FOUND NAIL AND WASHER STAMPED "CA DOT" (POINT CR-13 S139.6)
110	2057718.699	6160979.787	342.798	FOUND 1" IRON PIPE STAMPED "CALTRANS R/W" (POINT CR-15 S139.15)
111	2056726.872	6161382.576	478.421	FOUND NAIL IN ROCK (S139.15)
112	2053661.960	6161769.093	335.704	FOUND 1" IRON PIPE W/ NAIL (POINT CR-40 S139.13)
113	2040086.089	6163362.869	250.832	FOUND 1" IRON PIPE W/ NAIL (POINT CR-11 S139.2)
115	2035202.243	6161411.098	266.740	FOUND 1" IRON PIPE W/ PLASTIC PLUG STAMPED "CAL DIV HWY R/W" (S235.6)
116	2034600.746	6160210.421	304.457	FOUND 2" BRASS DISK STAMPED "ALAMEDA COUNTY" (POINT 147-B S235.6)
117	2034777.208	6161042.920	269.917	FOUND 1" IRON PIPE NO TAG (S235.6)
118	2064898.156	6156384.893	324.857	FOUND BRASS DISK STAMPED "18" (POINT 4E S139.21)
119	2059838.016	6159640.421	342.605	FOUND WOOD FENCE POST (POINT 5H S139.17)
120	2039888.761	6164368.765	257.302	FOUND LEAD AND TACK IN GUTTER (POINT CR-10 L&T S139.2)
121	2089690.390	6144506.579	434.450	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
122	2089490.187	6144349.195	436.453	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
123	2089635.209	6144294.435	438.636	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
124	2089936.504	6144227.760	441.350	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
125	2089953.126	6144309.887	442.080	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
126	2089856.809	6144326.998	441.468	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
127	2089837.343	6144411.317	438.853	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
128	2089901.745	6144447.097	430.285	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
129	2089453.018	6144499.574	436.406	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
130	2080779.448	6154191.004	329.602	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG (RX1162.3)
131	2080739.882	6154258.795	330.481	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG (RX1162.3)
132	2081253.421	6154112.936	331.095	FOUND #5 REBAR NO CAP (R60.33)
133	2081239.059	6154010.024	330.106	FOUND #5 REBAR NO CAP (R60.33)
134	2081220.640	6153842.306	330.300	FOUND 1" IRON PIPE W/ PLASTIC PLUG STAMPED "CALTRANS R/W" (R60.33)
135	2081206.020	6153837.811	329.353	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL STAMPED "CALTRANS R/W" (R60.33)
136	2081203.150	6153810.013	329.202	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL STAMPED "CALTRANS R/W" (R60.33)
137	2081200.708	6153707.962	328.414	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL STAMPED "CALTRANS R/W" (R60.33)
138	2081201.721	6153599.426	328.505	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL STAMPED "CALTRANS R/W" (R60.33)
139	2081193.938	6153597.000	328.174	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL STAMPED "CALTRANS R/W" (R60.33)
140	2082396.281	6149989.089	334.038	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
141	2082498.818	6150006.087	334.784	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
142	2082206.338	6150149.059	332.927	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
143	2082184.343	6149948.645	332.824	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
144	2082164.926	6149895.242	332.141	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
145	2082144.043	6149861.125	331.610	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
146	2082151.715	6149856.436	331.526	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
147	2082207.905	6149821.327	331.290	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
148	2082372.250	6150006.886	334.414	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG STAMPED "LS 6995" (R1161.1)
149	2082239.541	6149713.504	331.961	FOUND 3" BRASS DISK STAMPED "CALTRANS LS 6995" (R1161.1)
150	2082145.770	6149774.197	331.713	FOUND 3" BRASS DISK STAMPED "CALTRANS LS 6995" (R1161.1)
151	2089622.563	6144395.250	438.020	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
152	2089629.678	6144415.611	438.886	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
153	2089459.907	6144548.056	437.151	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
154	2089635.045	6144518.060	437.276	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

PC-4

REVISED BY	DATE REVISED
BD	9-29-21

BENJAMIN DEMONBREUN
BRIAN COLESON

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:30

O:\0030U\DRAFTING\FINAL_PS&E\0420000235dc04.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235dc04.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

CONTROL FOR DESIGN AND CONSTRUCTION: FOUND OR SET MONUMENTS BY AECOM CONTINUED

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
155	2089683.732	6144441.152	439.339	FOUND 1/2" IRON PIPE W/ PLASTIC PLUG STAMPED "LS7739" (S777.2)
156	2089531.889	6144435.195	436.639	FOUND NAIL AND BRASS TAG STAMPED "LS 7739" (S777.2)
157	2081822.078	6149076.696	337.717	FOUND 1" IRON PIPE NO TAG (R1161.1a)
158	2081854.455	6148957.969	337.003	FOUND 1" IRON PIPE NO TAG (R1161.1a)
159	2081794.719	6149005.589	337.690	FOUND 1" IRON PIPE NO TAG (R1161.1a)
160	2081643.908	6149174.614	337.754	FOUND 1" IRON PIPE NO TAG (R1161.1a)
161	2081722.786	6149258.073	337.652	FOUND 1" IRON PIPE NO TAG (R1161.1a)
162	2080303.389	6147467.252	356.205	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 713 S209.19)
163	2080404.121	6149642.825	336.845	FOUND 3/4" IRON PIPE W/ PLASTIC PLUG AND NAIL (S112.3)
164	2079077.791	6146758.259	367.899	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 702 S209.18a)
165	2079312.407	6146781.517	368.511	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 704 S209.18a)
166	2079758.802	6147080.090	363.195	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 706 S209.19)
167	2079852.476	6147196.909	361.503	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 708 S209.19)
168	2080035.825	6147666.186	355.687	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 710 S209.19)
169	2080187.842	6148151.355	353.316	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 712 S209.19)
170	2080235.044	6147155.551	361.085	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 711 S209.19)
171	2080283.049	6146947.086	362.626	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 709 S209.19)
172	2080799.029	6149278.021	337.842	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (R176.27c)
173	2080638.744	6146582.575	367.956	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 705 S209.18)
174	2082242.144	6150197.202	333.189	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND BRASS TAG (R1161.1)
175	2081715.905	6148982.044	339.195	FOUND 1" IRON PIPE NO TAG (R1161.1a)
176	2080857.090	6155629.165	329.290	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND TACK STAMPED "CALTRANS R/W" (R60.32a)
177	2080866.560	6155282.662	328.778	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND TACK (R60.32a)
178	2080067.170	6155196.913	328.888	FOUND 1" IRON PIPE W/ PLASTIC PLUG (POINT 4 S168.19a)
179	2080162.844	6155125.786	328.516	FOUND 1" IRON PIPE W/ PLASTIC PLUG AND NAIL (POINT 3 S168.19a)

CONTROL FOR DESIGN AND CONSTRUCTION: MTLS TARGETS BY AECOM AND WMH

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
501	2091918.927	6143469.651	424.906	MTLS TARGET
502	2091890.170	6143419.199	423.734	MTLS TARGET
503	2091491.236	6143726.288	419.266	MTLS TARGET
504	2091459.564	6143674.781	417.992	MTLS TARGET
505	2091061.348	6143981.734	413.641	MTLS TARGET
506	2091018.020	6143936.397	412.121	MTLS TARGET
507	2090631.174	6144237.786	408.102	MTLS TARGET
508	2090601.116	6144185.071	407.174	MTLS TARGET
509	2090201.759	6144493.419	402.496	MTLS TARGET
510	2090170.489	6144441.482	401.468	MTLS TARGET
511	2089771.177	6144750.283	396.762	MTLS TARGET
512	2089740.261	6144697.168	395.501	MTLS TARGET
513	2089343.529	6145004.536	391.318	MTLS TARGET
514	2089314.191	6144951.537	390.013	MTLS TARGET
515	2088949.642	6144913.623	415.679	MTLS TARGET
516	2088914.229	6145260.268	385.533	MTLS TARGET
517	2088885.359	6145208.110	384.728	MTLS TARGET
518	2088791.528	6145159.461	399.819	MTLS TARGET
519	2088485.081	6145515.664	379.931	MTLS TARGET
520	2088449.606	6145454.656	378.977	MTLS TARGET
521	2088055.074	6145772.431	374.356	MTLS TARGET
522	2088015.610	6145700.523	375.539	MTLS TARGET
523	2087631.002	6146036.723	370.106	MTLS TARGET
524	2087593.225	6145975.064	371.253	MTLS TARGET
525	2087210.265	6146307.582	368.734	MTLS TARGET

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	32	1710

9-29-21
PROFESSIONAL LAND SURVEYOR — DATE

LAND SURVEYOR — Brian M. Coleson — No. 8367 — Exp.12-31-23 — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CONTROL FOR DESIGN AND CONSTRUCTION: MTLS TARGETS BY AECOM AND WMH CONTINUED

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
526	2087170.618	6146248.029	367.362	MTLS TARGET
527	2086789.243	6146579.542	367.377	MTLS TARGET
528	2086751.881	6146518.361	365.863	MTLS TARGET
529	2086371.114	6146849.871	366.132	MTLS TARGET
530	2086331.733	6146787.132	364.909	MTLS TARGET
531	2085952.112	6147120.204	364.825	MTLS TARGET
532	2085909.983	6147049.816	363.242	MTLS TARGET
533	2085530.349	6147393.277	363.426	MTLS TARGET
534	2085488.899	6147322.210	361.886	MTLS TARGET
535	2085110.137	6147664.461	361.929	MTLS TARGET
536	2085068.717	6147596.761	360.504	MTLS TARGET
537	2084691.198	6147935.637	360.568	MTLS TARGET
538	2084651.589	6147866.397	359.038	MTLS TARGET
539	2084270.998	6148207.199	359.177	MTLS TARGET
540	2084229.238	6148139.436	357.720	MTLS TARGET
541	2083850.926	6148478.231	357.602	MTLS TARGET
542	2083804.957	6148392.414	355.640	MTLS TARGET
543	2083431.314	6148749.842	356.245	MTLS TARGET
544	2083396.081	6148689.957	354.695	MTLS TARGET
545	2083010.431	6149021.317	355.031	MTLS TARGET
546	2082974.116	6148961.218	353.310	MTLS TARGET
547	2082589.985	6149289.837	354.791	MTLS TARGET
548	2082580.836	6149143.708	365.056	MTLS TARGET
549	2082549.369	6149221.594	353.182	MTLS TARGET
550	2082217.538	6149305.615	365.592	MTLS TARGET
551	2082169.223	6149560.682	357.245	MTLS TARGET
552	2082142.780	6149508.459	355.382	MTLS TARGET
553	2081815.136	6149676.058	357.326	MTLS TARGET
554	2081747.512	6149152.883	339.434	MTLS TARGET
555	2081724.158	6149785.386	360.532	MTLS TARGET
556	2081701.683	6149591.720	336.856	MTLS TARGET
557	2081166.855	6149979.551	364.402	MTLS TARGET
558	2081151.199	6149930.570	363.363	MTLS TARGET
559	2081133.538	6149828.948	358.560	MTLS TARGET
560	2080590.191	6150148.489	359.738	MTLS TARGET
561	2080573.711	6150060.022	358.036	MTLS TARGET
562	2080169.856	6150271.609	348.462	MTLS TARGET
563	2080143.487	6150190.549	346.831	MTLS TARGET
564	2055857.430	6161209.143	383.033	MTLS TARGET
565	2055715.478	6161234.155	385.502	MTLS TARGET
566	2055687.524	6161191.219	370.741	MTLS TARGET
567	2055575.533	6161202.038	371.065	MTLS TARGET

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

PC-5

REVISED BY	DATE REVISED
BD	9-29-21

BENJAMIN DEMONBREUN
BRIAN COLESON

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D:\0030U\DRAFTING\FINAL_PS&E\04200002351dc05.dgn

LAST REVISION: DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:30

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351dc05.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

CONTROL FOR DESIGN AND CONSTRUCTION: MTLS TARGETS BY AECOM AND WMH CONTINUED

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
568	2055286.541	6161492.026	382.640	MTLS TARGET
569	2055260.571	6161564.571	382.570	MTLS TARGET
570	2055258.779	6161448.276	367.817	MTLS TARGET
571	2055233.354	6161405.753	367.103	MTLS TARGET
572	2054886.577	6161598.496	358.829	MTLS TARGET
573	2054860.100	6161774.481	373.092	MTLS TARGET
574	2054841.946	6161729.344	371.449	MTLS TARGET
575	2054819.092	6161683.092	358.182	MTLS TARGET
576	2054377.006	6161945.459	360.662	MTLS TARGET
577	2054361.835	6161899.266	358.658	MTLS TARGET
578	2054354.039	6161847.278	347.975	MTLS TARGET
579	2054343.304	6161801.795	346.674	MTLS TARGET
580	2053874.886	6162039.657	347.790	MTLS TARGET
581	2053871.972	6161990.273	346.059	MTLS TARGET
582	2053865.216	6161938.482	337.496	MTLS TARGET
583	2053861.137	6161889.532	335.980	MTLS TARGET
584	2053313.412	6161912.449	331.376	MTLS TARGET
585	2053314.153	6161959.996	332.043	MTLS TARGET
586	2053314.079	6162012.687	340.841	MTLS TARGET
587	2053312.805	6162061.044	340.371	MTLS TARGET
588	2052847.386	6161917.283	336.320	MTLS TARGET
589	2052845.441	6161967.047	336.956	MTLS TARGET
590	2052846.100	6162019.297	351.835	MTLS TARGET
591	2052844.805	6162068.534	351.108	MTLS TARGET
592	2052368.789	6161922.701	348.862	MTLS TARGET
593	2052369.446	6161973.290	348.974	MTLS TARGET
594	2052367.140	6162026.085	364.950	MTLS TARGET
595	2052366.852	6162074.394	364.262	MTLS TARGET
596	2051882.692	6162103.952	367.231	MTLS TARGET
597	2051875.563	6162056.268	370.044	MTLS TARGET
598	2051866.698	6162003.581	354.562	MTLS TARGET
599	2051859.493	6161956.225	357.676	MTLS TARGET
600	2051418.548	6162248.455	364.508	MTLS TARGET
601	2051402.483	6162201.949	365.280	MTLS TARGET
602	2051380.963	6162152.175	349.690	MTLS TARGET
603	2051366.941	6162106.952	350.007	MTLS TARGET
604	2050952.415	6162426.290	350.949	MTLS TARGET
605	2050935.825	6162380.467	351.735	MTLS TARGET
606	2050919.259	6162331.364	336.163	MTLS TARGET
607	2050900.544	6162284.673	335.522	MTLS TARGET
608	2050485.127	6162604.533	336.035	MTLS TARGET
609	2050467.161	6162559.683	336.569	MTLS TARGET
610	2050451.163	6162509.649	321.350	MTLS TARGET
611	2050434.582	6162463.249	320.626	MTLS TARGET
612	2050017.282	6162782.665	327.195	MTLS TARGET
613	2050001.319	6162737.694	327.815	MTLS TARGET
614	2049985.541	6162687.327	313.446	MTLS TARGET
615	2049967.633	6162641.369	312.786	MTLS TARGET
616	2049551.257	6162964.357	318.814	MTLS TARGET
617	2049535.131	6162915.696	319.756	MTLS TARGET
618	2049516.887	6162866.802	310.897	MTLS TARGET
619	2049501.536	6162821.900	310.292	MTLS TARGET
620	2049170.512	6163108.875	312.844	MTLS TARGET
621	2049154.453	6163060.995	313.667	MTLS TARGET
622	2049137.038	6163011.691	308.867	MTLS TARGET
623	2049120.434	6162965.784	308.100	MTLS TARGET
624	2048638.576	6163310.737	310.043	MTLS TARGET
625	2048621.436	6163264.214	309.527	MTLS TARGET
626	2048601.031	6163216.836	305.790	MTLS TARGET

CONTROL FOR DESIGN AND CONSTRUCTION: MTLS TARGETS BY AECOM AND WMH CONTINUED

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
627	2048585.411	6163171.574	305.187	MTLS TARGET
628	2048141.224	6163478.322	306.825	MTLS TARGET
629	2048128.841	6163432.271	305.923	MTLS TARGET
630	2048117.637	6163398.982	303.310	MTLS TARGET
631	2048101.999	6163353.009	302.480	MTLS TARGET
632	2047654.947	6163616.996	301.712	MTLS TARGET
633	2047642.073	6163563.724	302.494	MTLS TARGET
634	2047620.966	6163501.153	300.114	MTLS TARGET
635	2047175.124	6163750.827	294.268	MTLS TARGET
636	2047163.353	6163696.986	295.284	MTLS TARGET
637	2047144.569	6163635.334	294.709	MTLS TARGET
638	2046696.361	6163890.113	286.579	MTLS TARGET
639	2046681.373	6163837.917	287.383	MTLS TARGET
640	2046661.875	6163775.188	287.813	MTLS TARGET
641	2046188.161	6164053.097	278.443	MTLS TARGET
642	2046172.615	6164001.546	279.101	MTLS TARGET
643	2046106.424	6163956.268	277.638	MTLS TARGET
644	2045749.099	6164203.414	270.785	MTLS TARGET
645	2045713.996	6164151.699	271.928	MTLS TARGET
646	2045676.992	6164096.463	270.768	MTLS TARGET
647	2045259.357	6164354.244	278.010	MTLS TARGET
648	2045248.934	6164289.631	274.039	MTLS TARGET
649	2045243.907	6164259.583	268.917	MTLS TARGET
650	2045237.050	6164211.148	266.069	MTLS TARGET
651	2044754.387	6164125.481	262.249	MTLS TARGET
652	2044726.090	6164206.630	278.055	MTLS TARGET
653	2044752.034	6164262.464	280.372	MTLS TARGET
654	2044743.119	6164302.593	288.385	MTLS TARGET
655	2044738.245	6164350.269	291.610	MTLS TARGET
656	2044334.087	6164098.652	290.992	MTLS TARGET
657	2044314.545	6164140.938	294.199	MTLS TARGET
658	2044314.579	6164193.123	301.781	MTLS TARGET
659	2044296.746	6164235.457	304.695	MTLS TARGET
660	2044266.298	6163946.761	262.516	MTLS TARGET
661	2043871.201	6163883.143	311.127	MTLS TARGET
662	2043824.728	6163917.750	310.084	MTLS TARGET
663	2043804.861	6163959.127	319.110	MTLS TARGET
664	2043783.040	6164002.787	317.110	MTLS TARGET
665	2047634.216	6163551.542	301.218	MTLS TARGET
667	2047159.592	6163683.824	295.041	MTLS TARGET
668	2046677.433	6163824.212	287.143	MTLS TARGET
669	2046167.321	6163989.052	279.233	MTLS TARGET
670	2045691.555	6164144.221	271.531	MTLS TARGET
671	2080034.981	6150205.165	342.822	MTLS TARGET
672	2079453.869	6150416.751	333.309	MTLS TARGET
673	2079027.264	6150544.932	332.789	MTLS TARGET
674	2078527.759	6150693.284	332.296	MTLS TARGET
675	2078071.069	6150830.909	331.824	MTLS TARGET
676	2077617.695	6150876.066	332.017	MTLS TARGET
677	2077283.516	6151069.484	331.239	MTLS TARGET
678	2077140.638	6150689.767	335.767	MTLS TARGET
679	2077100.514	6150860.653	344.317	MTLS TARGET
680	2076821.474	6151191.013	331.405	MTLS TARGET
681	2076423.036	6151255.240	330.198	MTLS TARGET
682	2076252.774	6151370.412	332.351	MTLS TARGET
683	2075775.504	6151501.936	332.479	MTLS TARGET
684	2075303.535	6151652.377	333.283	MTLS TARGET
685	2080456.547	6149641.128	340.364	MTLS TARGET

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	33	1710

9-29-21
PROFESSIONAL LAND SURVEYOR — DATE

Brian M. Coleson, No. 8367, Exp. 12-31-23 — LAND SURVEYOR — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PROJECT CONTROL

PC-6

REVISED BY	DATE REVISED
BD	9-29-21

BENJAMIN DEMONBREUN
BRIAN COLESON
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION => DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:30

01\0030\DRAFTING\FINAL_PS&E\04200002351dc06.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351dc06.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	34	1710

PROFESSIONAL LAND SURVEYOR — 9-29-21 DATE

Brian M. Coleson No. 8367 Exp. 12-31-23 — PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM	ALAMEDA CTC
4 N. Second Street	1111 Broadway
Suite 675	Suite 800
San Jose, CA 95113	Oakland, CA 94607

CONTROL FOR DESIGN AND CONSTRUCTION: MTLS TARGETS BY REY ENGINEERS

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
REY132	2055260.547	6161564.541	382.597	MTLS TARGET
REY133	2054886.552	6161598.489	358.818	MTLS TARGET
REY134	2055857.430	6161209.115	383.051	MTLS TARGET
REY135	2055575.533	6161202.072	371.053	MTLS TARGET
REY136	2056591.511	6160946.734	365.478	MTLS TARGET
REY137	2056421.407	6160844.462	369.611	MTLS TARGET
REY138	2057158.888	6160907.533	348.492	MTLS TARGET
REY139	2056989.377	6160782.377	357.330	MTLS TARGET
REY140	2057829.841	6160937.543	343.022	MTLS TARGET
REY141	2057846.120	6160806.210	338.114	MTLS TARGET
REY142	2058284.693	6160884.743	349.833	MTLS TARGET
REY143	2058716.022	6160600.259	360.170	MTLS TARGET
REY144	2059010.172	6160559.013	372.748	MTLS TARGET
REY145	2059191.066	6160261.685	379.476	MTLS TARGET
REY146	2059306.600	6160325.061	380.677	MTLS TARGET
REY147	2059706.712	6159852.156	391.696	MTLS TARGET
REY148	2059921.905	6159840.279	391.424	MTLS TARGET
REY149	2060254.130	6159411.585	385.310	MTLS TARGET
REY150	2060590.328	6159295.486	375.941	MTLS TARGET
REY151	2060853.226	6158932.281	362.907	MTLS TARGET
REY152	2060987.844	6158976.544	360.798	MTLS TARGET
REY153	2061677.045	6158269.634	332.286	MTLS TARGET
REY154	2061716.032	6158390.896	333.369	MTLS TARGET
REY155	2062001.278	6158009.236	327.622	MTLS TARGET
REY156	2062333.669	6157898.289	327.950	MTLS TARGET
REY157	2062577.846	6157546.243	328.050	MTLS TARGET
REY158	2063024.949	6157341.559	327.777	MTLS TARGET
REY159	2063187.687	6157050.243	328.199	MTLS TARGET
REY160	2063837.761	6156696.362	328.224	MTLS TARGET
REY161	2063789.337	6156573.513	329.218	MTLS TARGET
REY162	2064083.891	6156492.689	334.469	MTLS TARGET
REY163	2064381.769	6156098.792	341.015	MTLS TARGET
REY164	2064465.383	6156186.474	340.787	MTLS TARGET
REY165	2064789.348	6155767.841	342.159	MTLS TARGET
REY166	2065291.135	6155520.493	335.879	MTLS TARGET
REY167	2065742.915	6155006.996	330.086	MTLS TARGET
REY168	2065568.472	6155298.561	331.270	MTLS TARGET
REY169	2066277.595	6154623.044	329.121	MTLS TARGET
REY170	2066175.657	6154844.269	327.871	MTLS TARGET
REY171	2066759.084	6154335.527	329.030	MTLS TARGET
REY172	2066751.114	6154474.981	327.189	MTLS TARGET
REY173	2067423.258	6154019.340	328.876	MTLS TARGET

CONTROL FOR DESIGN AND CONSTRUCTION: MTLS TARGETS BY REY ENGINEERS CONTINUED

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
REY174	2067756.372	6154016.477	327.650	MTLS TARGET
REY175	2068151.008	6153762.826	329.627	MTLS TARGET
REY176	2068498.936	6153783.694	329.032	MTLS TARGET
REY177	2068822.627	6153564.723	329.718	MTLS TARGET
REY178	2069209.510	6153575.076	330.199	MTLS TARGET
REY179	2069609.006	6153332.697	330.549	MTLS TARGET
REY180	2069927.375	6153363.053	331.135	MTLS TARGET
REY181	2070296.606	6153130.819	331.716	MTLS TARGET
REY182	2070647.351	6153150.625	331.587	MTLS TARGET
REY183	2070962.248	6152933.849	332.207	MTLS TARGET
REY184	2071396.349	6152930.237	332.461	MTLS TARGET
REY185	2071710.878	6152713.198	333.052	MTLS TARGET
REY186	2072120.710	6152716.663	333.267	MTLS TARGET
REY187	2072262.384	6152550.646	333.634	MTLS TARGET
REY188	2072697.980	6152546.274	333.975	MTLS TARGET
REY189	2073259.520	6152257.742	334.794	MTLS TARGET
REY190	2073536.627	6152299.093	334.862	MTLS TARGET
REY191	2073832.103	6152087.823	335.305	MTLS TARGET
REY192	2074245.662	6152090.060	334.878	MTLS TARGET
REY193	2074613.685	6151857.781	334.551	MTLS TARGET
REY194	2074942.601	6151885.000	334.220	MTLS TARGET
REY195	2075303.484	6151652.401	333.255	MTLS TARGET
REY196	2075734.162	6151651.790	333.009	MTLS TARGET
REY197	2076252.774	6151370.372	332.330	MTLS TARGET
REY198	2076433.083	6151445.716	332.154	MTLS TARGET
REY199	2076821.480	6151191.018	331.398	MTLS TARGET
REY200	2076800.175	6151337.701	331.752	MTLS TARGET
REY201	2077283.497	6151069.477	331.224	MTLS TARGET
REY202	2077406.097	6151172.289	330.460	MTLS TARGET
REY203	2078031.763	6150848.233	331.793	MTLS TARGET
REY204	2077924.932	6151031.556	330.914	MTLS TARGET
REY205	2079027.238	6150544.896	332.780	MTLS TARGET
REY206	2078605.701	6150817.733	331.959	MTLS TARGET
REY207	2079453.828	6150416.737	333.299	MTLS TARGET
REY208	2079793.360	6150455.854	336.650	MTLS TARGET
REY209	2080143.472	6150190.533	346.818	MTLS TARGET
REY210	2080408.396	6150309.903	353.077	MTLS TARGET
REY211	2080573.690	6150060.016	358.032	MTLS TARGET
REY212	2081062.100	6150085.555	363.937	MTLS TARGET
REY213	2081151.156	6149930.571	363.360	MTLS TARGET
REY214	2081518.809	6149958.090	364.365	MTLS TARGET
REY215	2081815.120	6149676.035	357.319	MTLS TARGET

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

PC-7

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: BENJAMIN DEMONBREUN
CHECKED BY: BRIAN COLESON
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21 | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:30

O:\0030\NDRAFTING\FINAL_PS&E\04200002351dc07.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235dc07.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	35	1710

PROFESSIONAL LAND SURVEYOR — 9-29-21 DATE

Brian M. Coleson No. 8367 Exp. 12-31-23 — PROFESSIONAL LAND SURVEYOR — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CONTROL FOR DESIGN AND CONSTRUCTION: UNRECORDED RECORD OF SURVEY PROVIDED BY CALTRANS

MONUMENT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
301	2040139.231	6164561.902	291.48	SET 2" BRASS DISK WITH PUNCH IN CONCRETE GORE, SB ROUTE 680 ON-RAMP FROM WB ROUTE 87
303	2044416.727	6164391.716	295.59	SET 2" BRASS DISK WITH PUNCH IN TOP OF CURB, WESTERLY Shld OF KOOPMAN Rd
304	2045550.892	6164319.012	281.72	SET 2" BRASS DISK WITH PUNCH IN TOP OF CURB, WESTERLY Shld OF KOOPMAN Rd
305	2049649.748	6162756.403	310.96	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", WESTERLY Shld OF SB ROUTE 680, 1.7 MILES SOUTHERLY OF SUNOL Blvd
306	2050876.105	6162288.206	334.38	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", WESTERLY Shld OF SB ROUTE 680, 1.5 MILES SOUTHERLY OF SUNOL Blvd
307	2053773.839	6161891.417	334.02	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", WESTERLY Shld OF SB ROUTE 680, 0.9 MILE SOUTHERLY OF SUNOL Blvd
309	2058521.364	6160998.775	332.90	SET 2" BRASS DISK WITH PUNCH IN TOP OF CURB, EASTERLY TIP OF PORK CHOP ISLAND AT END OF NB ROUTE 680 OFF-RAMP AT SUNOL Blvd
310	2059325.631	6160360.050	379.51	SET 2" BRASS DISK WITH PUNCH IN CATCH BASIN, 950′ NORTH OF SUNOL Blvd ALONG NB ROUTE 680 ON-RAMP
311	2065171.121	6158331.572	327.28	SET 2" BRASS DISK WITH PUNCH IN TOP OF CURB, NORTHEASTERLY TIP OF PORKCHOP ISLAND AT INTERSECTION OF BERNAL Ave AND OAK VISTA WAY
312	2064397.261	6155567.198	322.17	SET 2" BRASS DISK WITH PUNCH IN TOP OF CURB, SOUTHWESTERLY CURB RETURN AT INTERSECTION OF BERNAL Ave, AND SB ROUTE 680 ON-RAMP
313	2063662.129	6156085.665	320.90	FOUND MONUMENT WELL WITH DISK AT THE INTERSECTION OF WEST LAGOON Rd AND LAGUNA CREEK Ln
314	2064484.227	6155093.281	321.10	FOUND MONUMENT WELL WITH DISK AT CENTERLINE OF MEADOWLARK Dr, 50′ NORTHERLY OF TAPESTRY WAY
315	2068700.137	6153733.010	328.59	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", EASTERLY Shld OF NB ROUTE 680, 0.9 MILE NORTHERLY OF BERNAL Ave
316	2069623.171	6153460.710	330.21	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", EASTERLY Shld OF NB ROUTE 680, 1.1 MILES NORTHERLY OF BERNAL Ave
317	2075390.132	6151763.801	333.16	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", EASTERLY Shld OF NB ROUTE 680, 0.3 MILE SOUTHERLY OF STONERIDGE Dr
318	2076273.412	6151562.470	336.47	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", WESTERLY EDGE OF NB ROUTE 680 OFF-RAMP TO STONERIDGE Dr, JUST BEFORE CANAL
319	2079571.284	6150368.605	333.96	SET 1" IRON PIPE IN GROUND WITH PLASTIC PLUG STAMPED "REY CONTROL", WESTERLY Shld OF SB ROUTE 680 ON-RAMP FROM EB ROUTE 580, 0.2 MILE SOUTH OF ROUTE 580
320	2080631.044	6150036.535	360.36	SET 2" BRASS DISK WITH PUNCH IN TOP OF SOUTHWESTERLY ABUTMENT, ROUTE 680/ROUTE 580 OVERPASS
321	2083494.279	6148807.560	354.93	SET 2" BRASS DISK WITH PUNCH IN CATCH BASIN, 0.5 MILE NORTH OF ROUTE 580 ALONG NB ROUTE 680 Shld
322	2084137.079	6148389.112	357.32	SET 2" BRASS DISK WITH PUNCH IN CATCH BASIN, 0.7 MILE NORTH OF ROUTE 580 ALONG NB ROUTE 680 Shld
323	2088524.979	6145578.715	378.68	SET 2" BRASS DISK WITH PUNCH IN CATCH BASIN, IN GORE OF NB ROUTE 680 OFF-RAMP AT ALCOSTA Blvd
324	2089562.938	6144683.143	416.29	SET 2" BRASS DISK WITH PUNCH IN CATCH BASIN APRON, WESTERLY Shld OF SB ROUTE 680 ON-RAMP AT ALCOSTA Blvd
330	2042697.518	6151505.561	294.88	SET MAG NAIL IN REAR PARKING AREA OF CAL FIRE, SUNOL FIRE Sta #14, SERVED AS LOCAL STATIC GPS BASE Sta
331	2083871.757	6147053.488	351.00	SET MAG NAIL IN TOP OF CURB, 30′ WESTERLY OF NORTHERLY Dwy ENTRANCE, ALAMEDA COUNTY FIRE Sta #16, SERVED AS LOCAL STATIC GPS BASE Sta
15-015-1	2089934.474	6144058.165	472.96	MONUMENT WELL WITH 2" BRASS DISK STAMPED CITY OF SAN RAMON R.C.E. 21687, LOCATED IN BREWIN Ln SOUTH OF ADDRESS 79 FOSTER Dr
15-015-2	2090615.433	6146137.303	374.68	MONUMENT WELL WITH 2" BRASS DISK AT CENTERLINE INTERSECTION OF BROCKTON Ave AND CORRINNE St
15-015-5	2031348.045	6160775.674	307.18	1" IRON PIPE WITH PLASTIC PLUG STAMPED CONTROL IN WESTERLY Shld OF ANDRADE Rd, Approx 100′ SOUTH OF Dwy TO 4021 ANDRADE Rd
15-015-10	2076220.810	6149021.901	367.86	MONUMENT WELL WITH 2" CITY OF PLEASANTON BRASS DISK IN THE CENTER OF CHESTNUT WAY OPPOSITE ADDRESS 7734 CHESTNUT WAY
15-015-11	2076785.180	6152381.686	330.32	1" IRON PIPE WITH PLASTIC PLUG STAMPED CONTROL NEAR THE SOUTHWEST CORNER OF AN Elect CABINET, SOUTHEAST CORNER OF STONERIDGE Dr AND JOHNSON Dr
15-015-12	2041472.908	6158982.520	258.73	1" IRON PIPE WITH PLASTIC PLUG STAMPED CONTROL IN RAISED ISLAND BETWEEN ROUTE 84 AND EB OFF-RAMP TO TOWN OF SUNOL
15-015-13	2043286.991	6170212.692	365.39	1" IRON PIPE WITH PLASTIC PLUG STAMPED CONTROL NEXT TO Dwy TO SUNOL PAINTBALL ALONG ROUTE 84, 5" NORTH OF FENCE
LL31	2041307.703	6164479.910	330.19	1" IRON PIPE WITH PLASTIC PLUG STAMPED CONTROL, WESTERLY Shld OF SB ROUTE 680 AT NORTHWESTERLY BRIDGE ABUTMENT OVER WB ROUTE 84
LL37	2054879.652	6161593.317	358.00	1" IRON PIPE WITH PLASTIC PLUG STAMPED CONTROL, WESTERLY Shld OF SB ROUTE 680, 0.8 MILE SOUTH OF SUNOL Blvd
NURSERY	2039157.681	6164991.308	276.86	MAG NAIL IN REAR PARKING AREA OF CAL FIRE, SUNOL FIRE Sta #14, SERVED AS LOCAL STATIC GPS BASE Sta

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL

PC-8

REVISED BY: BD — DATE REVISED: 9-29-21
BENJAMIN DEMONBREUN — BRIAN COLESON
CALCULATED-DESIGNED BY — CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022 | 09-29-21 | TIME PLOTTED => 14:30

O:\0030U\DRAFTING\FINAL_PS&E\04200002351dc08.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235dc08.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	36	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTES:

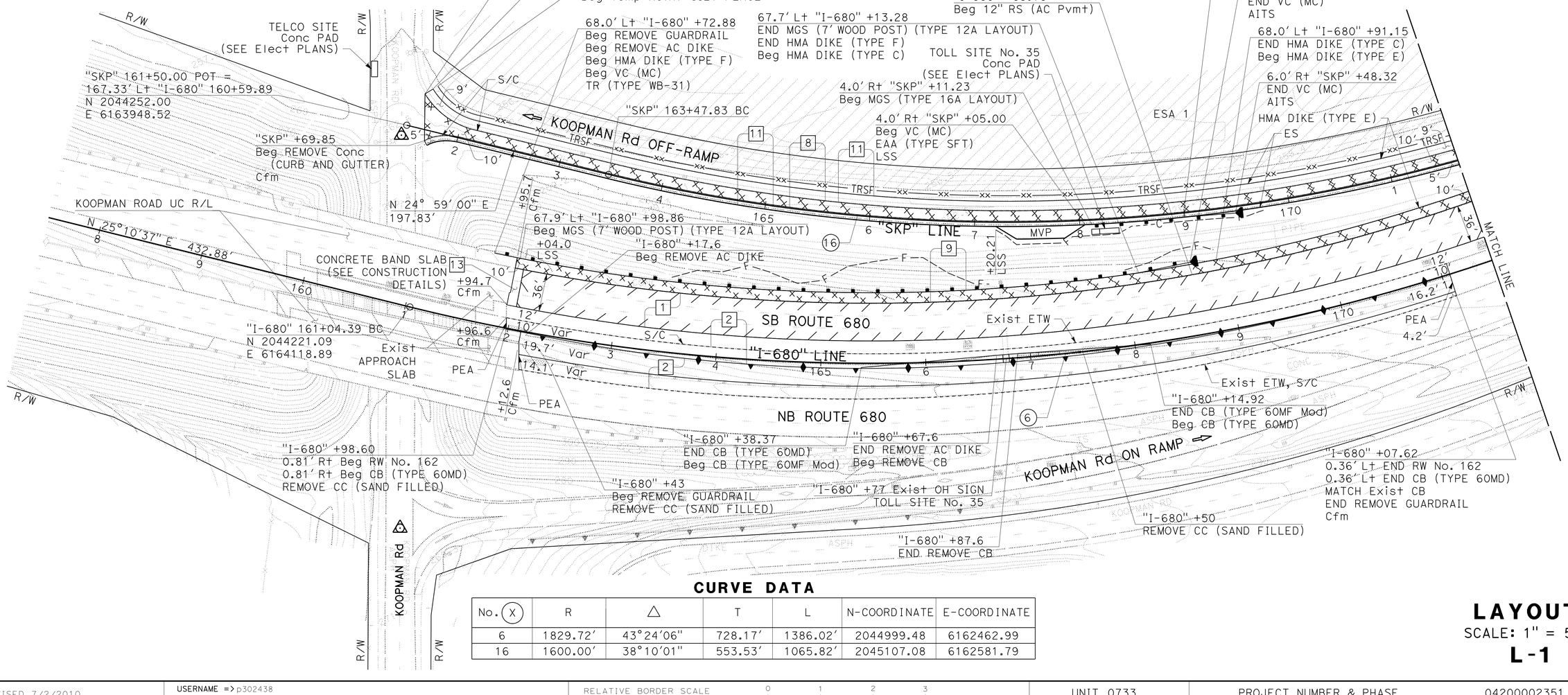
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. COORDINATES AND BEARINGS ARE ON CCS 83 ZONE 3, EPOCH 2010.00 DISTANCES AND STATIONING ARE GRID DISTANCES. MULTIPLY BY 1.0000871 TO OBTAIN GROUND DISTANCES. ALL DISTANCES ARE IN FEET UNLESS OTHERWISE NOTED. ELEVATIONS ARE BASED ON AMERICAN VERTICAL DATUM 1988 (NAVD88). FOR ADDITIONAL INFORMATION SEE PROJECT CONTROL PLAN.
3. SEE STRUCTURE PLANS FOR RETAINING WALL LOCATIONS AND DETAILS.
4. SEE SIGN PLANS FOR OVERHEAD SIGN LOCATIONS AND DETAILS.
5. FOR TYPE 60-SERIES CONCRETE BARRIERS, OFFSETS SHOWN ARE TO THE BARRIER CENTERLINE, UNLESS OTHERWISE NOTED. FOR CONCRETE BARRIER TYPE 842B Mod, OFFSETS SHOWN ARE TO THE BOTTOM FACE OF BARRIER ON THE SIDE FACING TRAFFIC.
6. FOR MAINTENANCE VEHICLE PULLOUT (MVP) DETAILS, SEE SHEET C-83.
7. ALL RUMBLE STRIPS ARE SHOULDER RUMBLE STRIPS UNLESS OTHERWISE NOTED.

ABBREVIATIONS:

AITS	ALTERNATIVE IN-LINE TERMINAL SYSTEM
AP	ANGLE POINT
Bar	BARRIER
BPEA	BURIED POST END ANCHOR
CC	CRASH CUSHION
Cfm	CONFORM
CPTP	CONCRETE PAVEMENT TRANSITION PANEL
EAA	END ANCHOR ASSEMBLY
LSS	LIMIT OF STRUCTURAL SECTION
PCP	PRECAST CONCRETE PAVEMENT
PEA	PAVEMENT END ANCHOR (SEE Std PLAN P30)
PET (C)	PAVEMENT EDGE TREATMENT (CASE C)
RS	RUMBLE STRIP
TELCO	TELECOMMUNICATIONS
TR	TRANSITION RAILING
VC (MC)	VEGETATION CONTROL (MINOR CONCRETE)

LEGEND:

- (No.) CURVE DATA NUMBER
- [No.] PAVEMENT STRUCTURAL SECTION NUMBER
- COLD PLANE AC PAVEMENT AND RHMA SURFACING (PAVEMENT REHABILITATION)
- REMOVE CONCRETE PAVEMENT AND BASE AND PCP PAVEMENT REHABILITATION
- REMOVE CONCRETE PAVEMENT AND BASE AND JPCP PAVEMENT REHABILITATION
- CONTRASTING SURFACE AREA
- ENVIRONMENTALLY SENSITIVE AREA (ESA)
- EXISTING SURVEY MONUMENT TO BE PROTECTED OR REPLACED (SEE PROJECT CONTROL PLAN)
- TCE — TEMPORARY CONSTRUCTION EASEMENT
- ----C---- TOP OF CUT
- ---F--- TOE OF FILL
- IRRIGATION CONDUIT



CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
6	1829.72'	43°24'06"	728.17'	1386.02'	2044999.48	6162462.99
16	1600.00'	38°10'01"	553.53'	1065.82'	2045107.08	6162581.79

LAYOUT
SCALE: 1" = 50'
L-1

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
REVISED BY: NC — DATE REVISED: 9-29-21
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION: 09-29-21 — DATE PLOTTED => 4-APR-2022 — TIME PLOTTED => 14:30

01\0030\DRAFTING\FINAL_PS&E\04200002351ea001.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	37	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

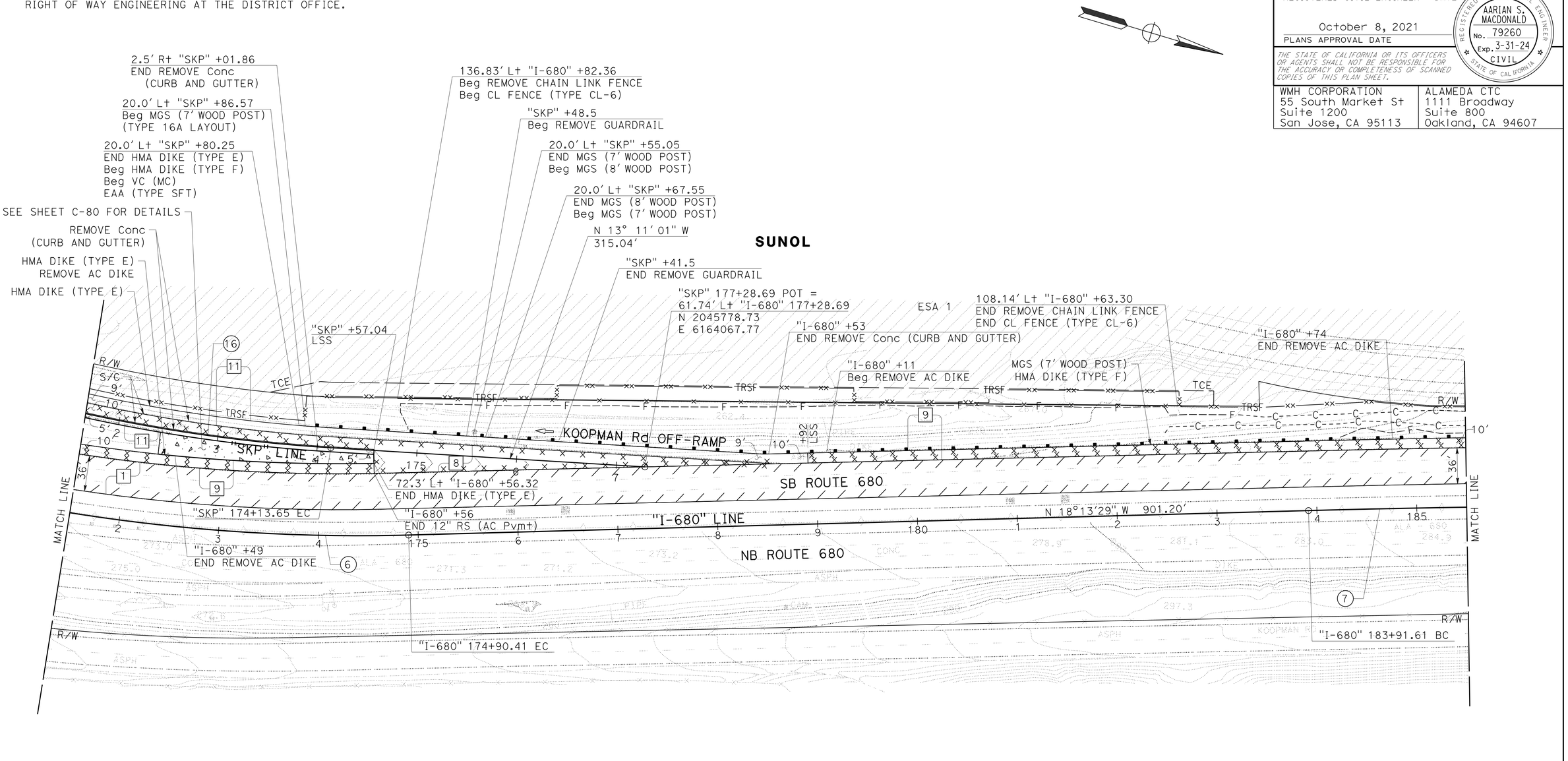
October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION	ALAMEDA CTC
55 South Market St Suite 1200 San Jose, CA 95113	1111 Broadway Suite 800 Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
6	1829.72'	43°24'06"	728.17'	1386.02'	2044999.48	6162462.99
7	13475.26'	2°28'18"	290.69'	581.28'	2050642.02	6176718.39
16	1600.00'	38°10'01"	553.53'	1065.82'	2045107.08	6162581.79

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-2

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD
CALCULATED-DESIGNED BY
CHECKED BY
TIMOTHY J. LEE
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D1:\0030\DRAFTING\FINAL_PS&E\04200002350a002.dgn

LAST REVISION DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:30

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
7	13475.26′	2°28′18"	290.69′	581.28′	2050642.02	6176718.39
8	5000.00′	5°09′49"	225.45′	450.60′	2046556.31	6158674.66

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	38	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

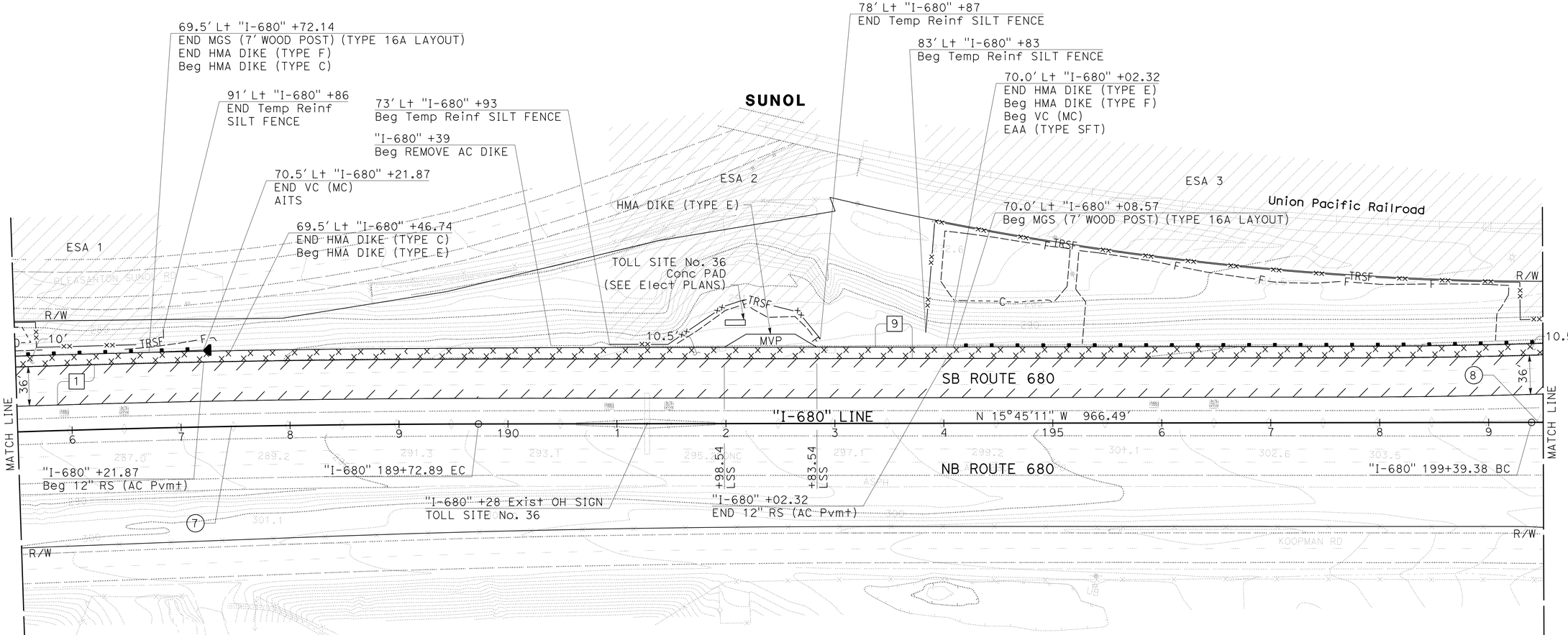
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-3

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD
CALCULATED-DESIGNED BY
CHECKED BY
TIMOTHY J. LEE
CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:30

D:\0030\DRAFTING\FINAL_PS&E\04200002351ea003.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
8	5000.00′	5°09′49"	225.45′	450.60′	2046556.31	6158674.66

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	39	1710

9-29-21
REGISTERED CIVIL ENGINEER — DATE

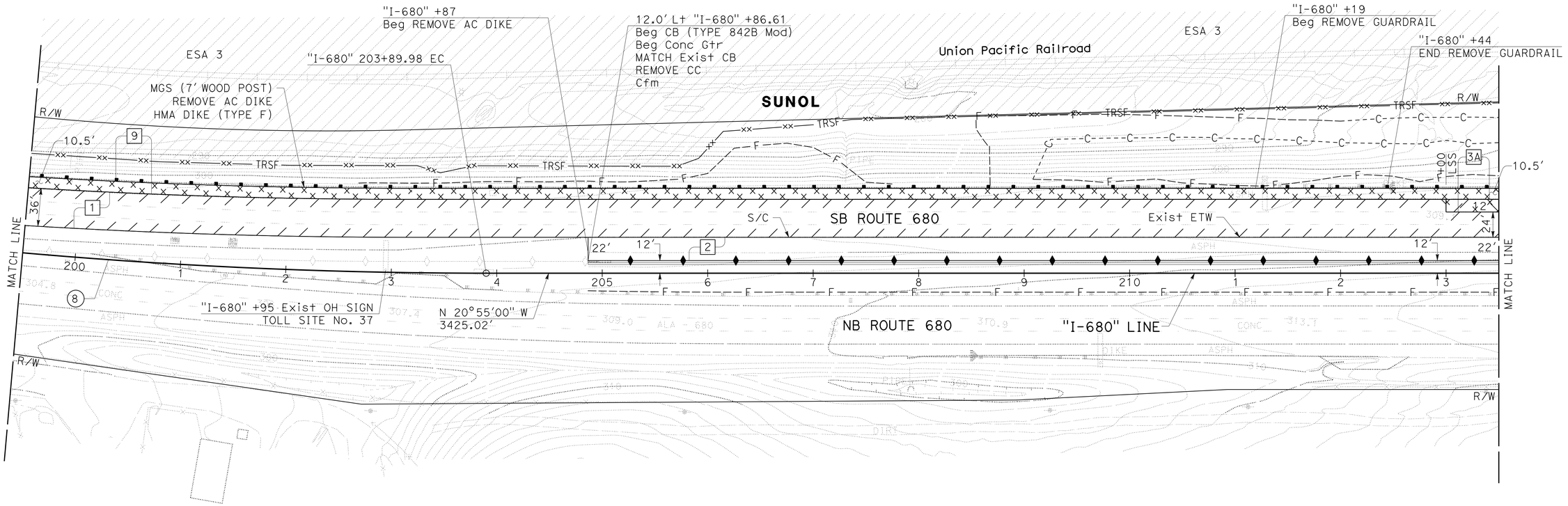
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-4

REVISED BY	NC
DATE REVISED	9-29-21
CALCULATED-DESIGNED BY	NICHOLAS W. CARUSO
CHECKED BY	AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR	TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030U\DRAFTING\FINAL_PS&E\042000235ea004.dgn

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:31

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea004.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	40	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

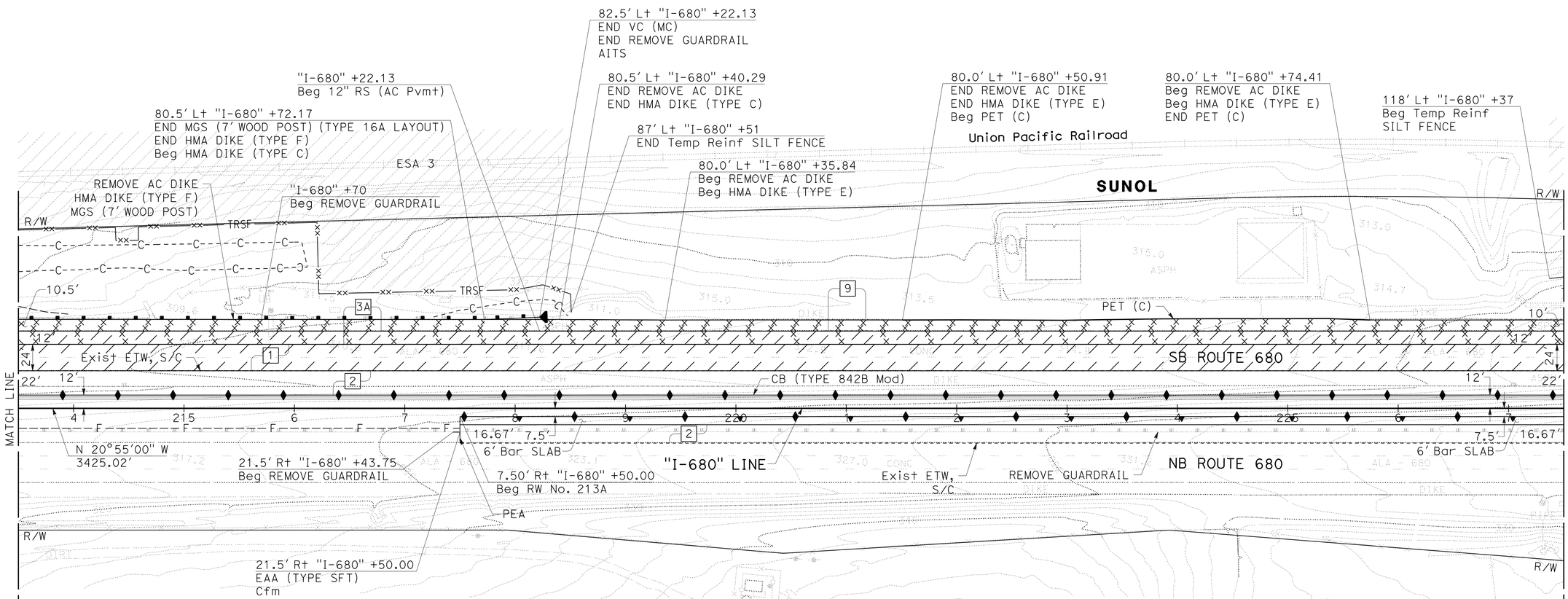
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50′
L-5

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:31

D:\0030\DRAFTING\FINAL_PS&E\04200002351ea005.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
9	1800.00′	20°07′00"	319.28′	631.98′	2052183.28	6163803.77

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	41	1710

Aarian S. MacDonald 9-29-21
REGISTERED CIVIL ENGINEER DATE

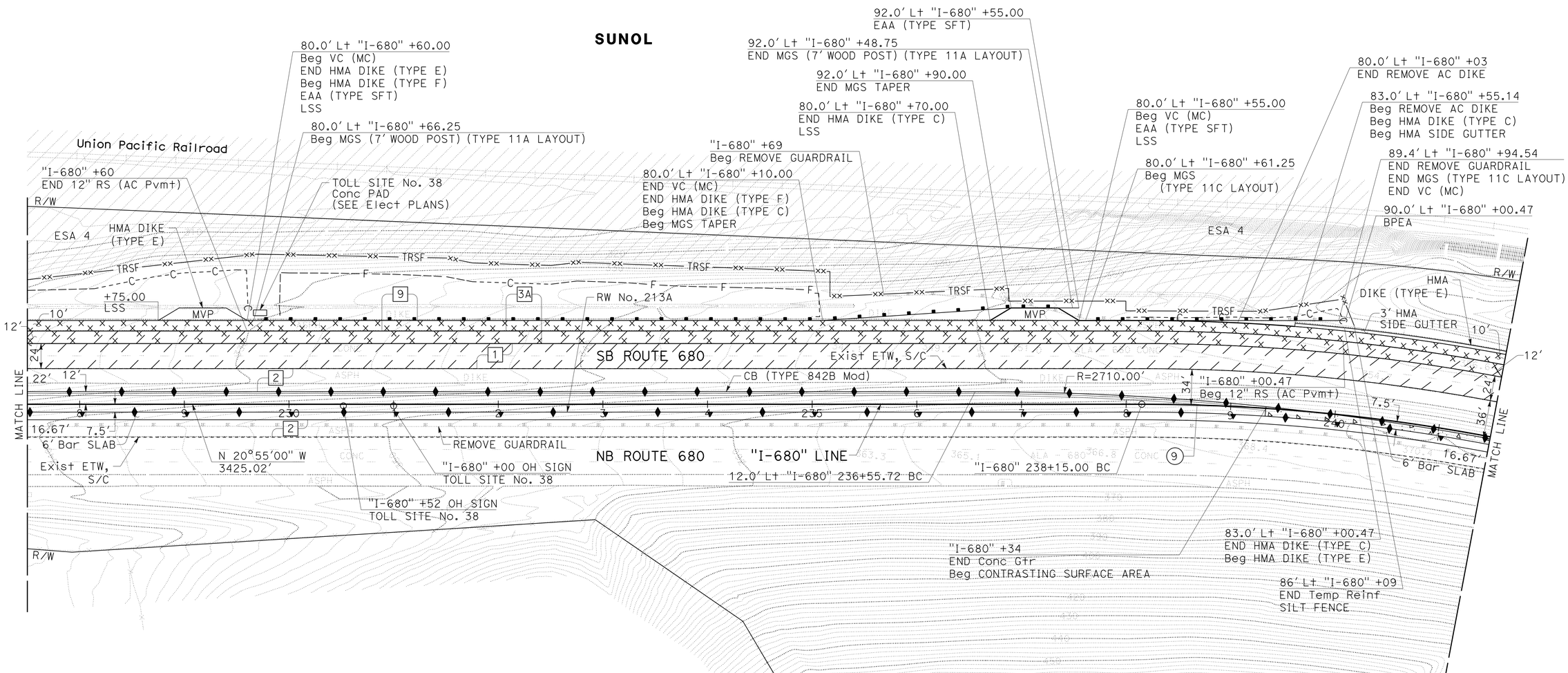
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-6

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:31

01\0030\DRAFTING\FINAL_PS&E\04200002351ea006.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ea006.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
9	1800.00′	20°07′00"	319.28′	631.98′	2052183.28	6163803.77

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	42	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

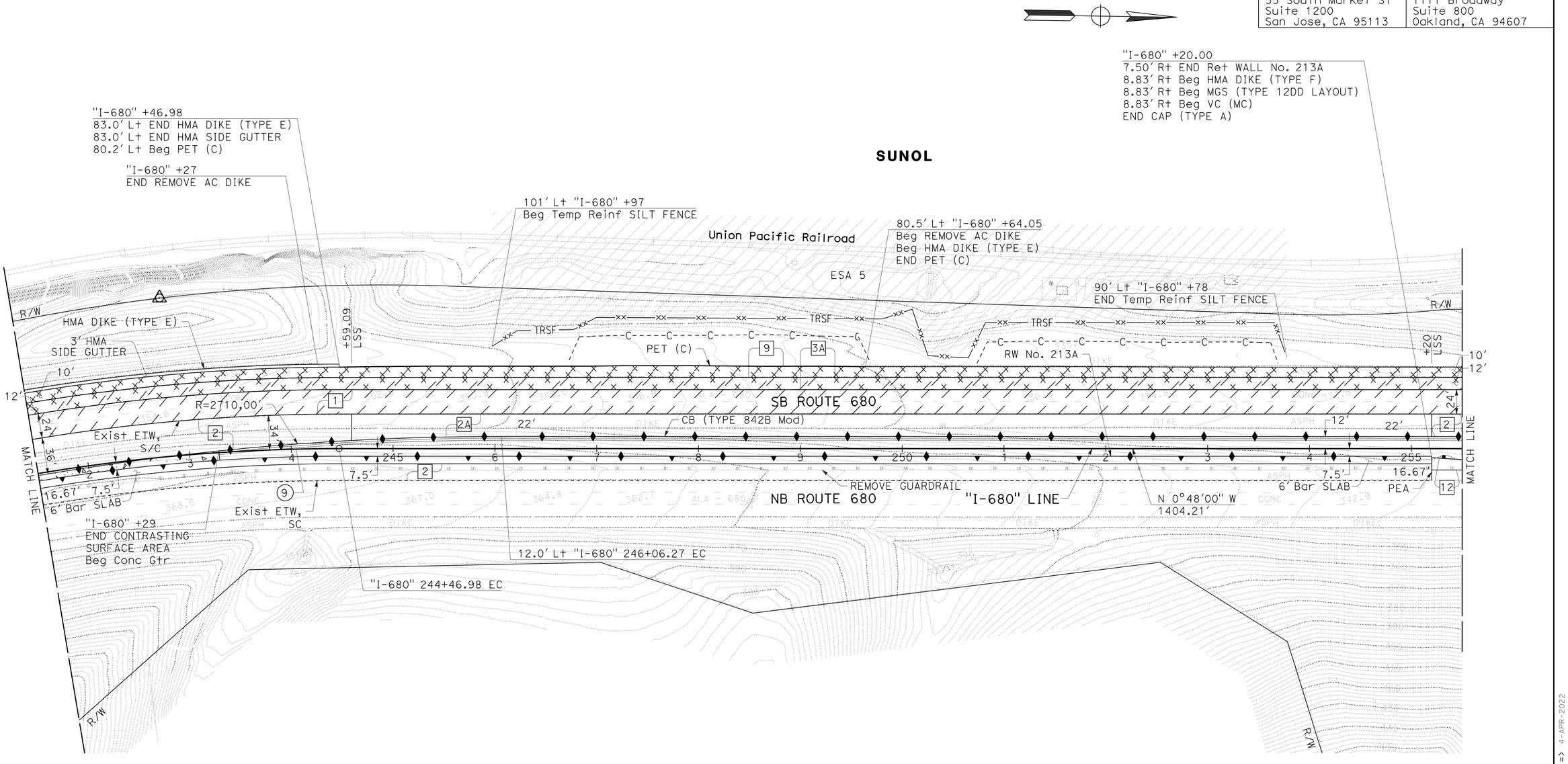
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-7

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION: 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:31

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea007.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea007.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
10	3249.99′	30°10′00"	875.90′	1711.14′	2053516.84	6158734.67

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	43	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

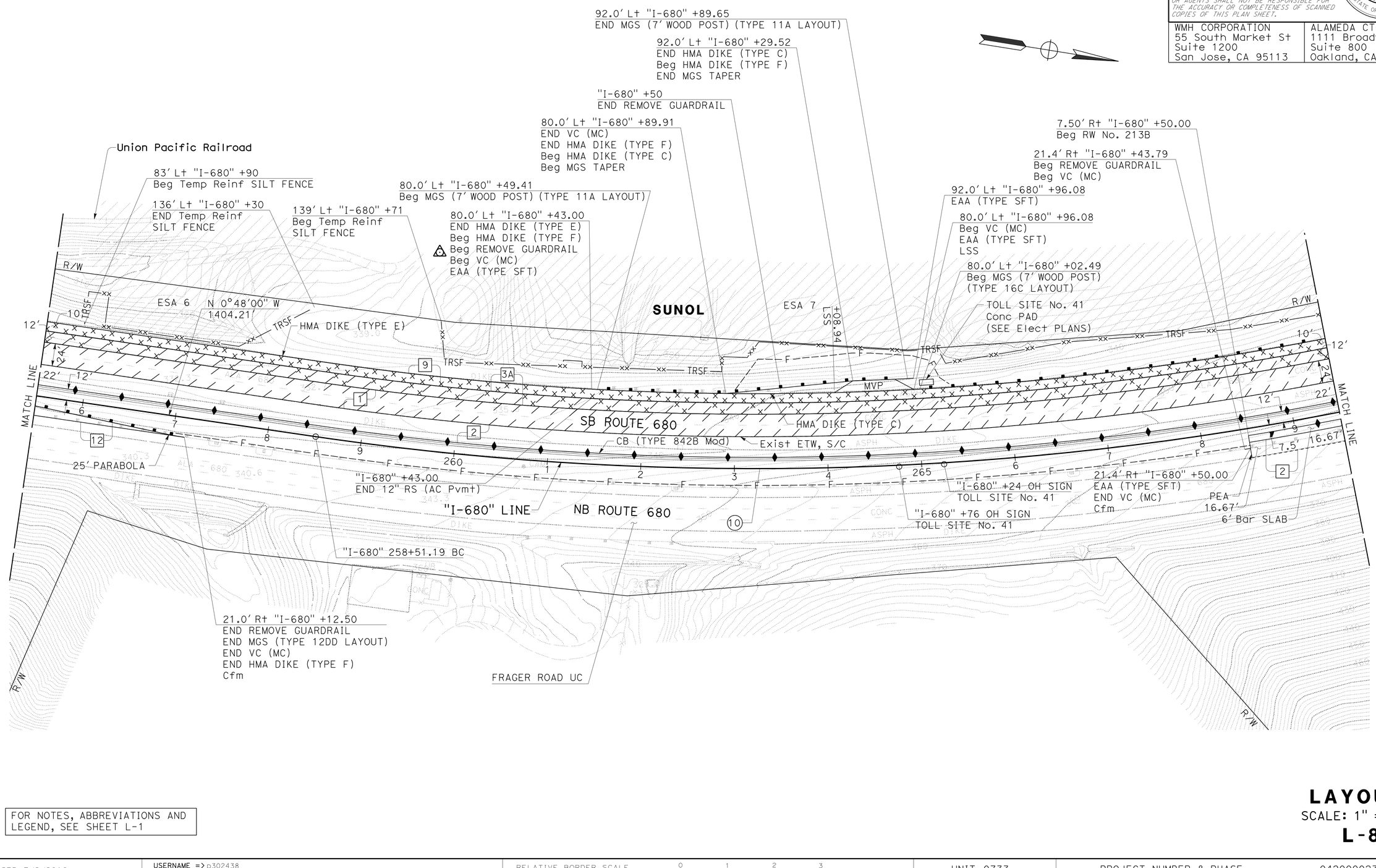
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-8

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
NICHOLAS W. CARUSO	AARIAN S. MACDONALD	NC	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

D1:\0030\DRAFTING\FINAL_PS&E\04200002351ea008.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:31

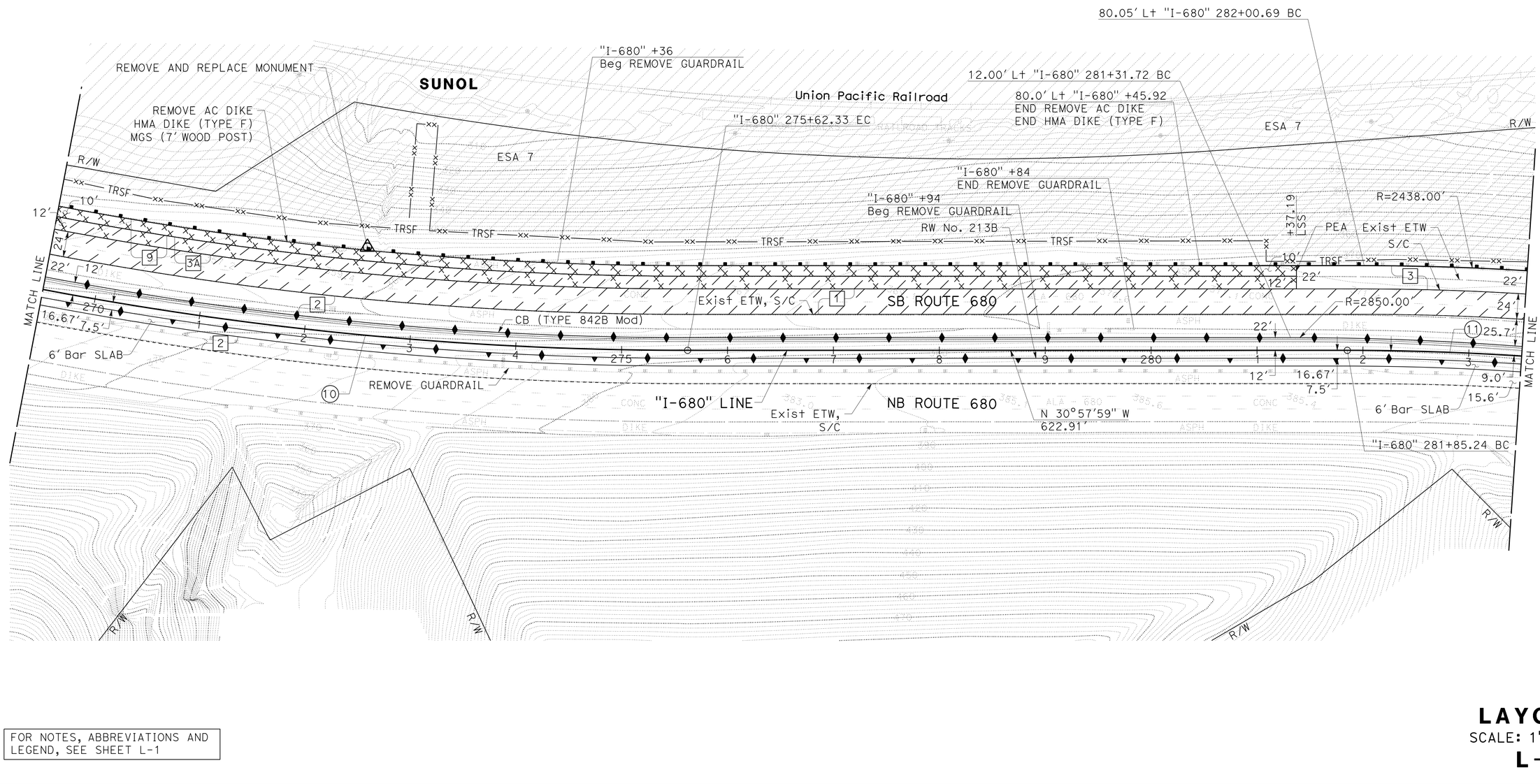
BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea008.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
10	3249.99′	30°10′00"	875.90′	1711.14′	2053516.84	6158734.67
11	2500.01′	33°40′59"	756.78′	1469.71′	2057009.56	6163344.60



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	44	1710

Aarian MacDonald 9-29-21
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
AARIAN S. MACDONALD
No. 79260
Exp. 3-31-24
CIVIL
STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

LAYOUT

SCALE: 1" = 50′

L-9

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\6030\DRAFTING\FINAL_PS&E\04200002351ea009.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:31

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ea009.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
11	2500.01′	33°40′59"	756.78′	1469.71′	2057009.56	6163344.60

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	45	1710

Aarian S. MacDonald 9-29-21
REGISTERED CIVIL ENGINEER DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

"I-680" 293+06.50
0.60′ Rt/3.01′ Rt END CB (TYPE 60MGC Mod C), EC
2.01′ Rt Beg CB (TYPE 60MGC), BC

88.05′ Lt "I-680" +50.00
END VC (MC)
BPEA

"I-680" +40.00
END RW No. 213B
END CONTRASTING SURFACE AREA
0.67′ Lt END CB (TYPE 842B Mod), EC
0.67′ Lt/3.38′ Rt Beg CB (TYPE 60MGC Mod C), BC

87.57′ Lt "I-680" +43.98
END MGS (7′ WOOD POST) (TYPE 16C LAYOUT)

"I-680" +49.92
Beg REMOVE AC DIKE
81.05′ Lt Beg HMA DIKE (TYPE E)
78.56′ Lt Beg HMA SIDE GUTTER
68.55′ Lt Beg 12" RS (Conc Pvmt)

"I-680" +28
END REMOVE GUARDRAIL

"I-680" +94
END Conc Gtr
Beg CONTRASTING SURFACE AREA

Temp Reinf
SILT FENCE

65.9′ Lt "I-680" +18.63
END PET (C)
LSS

PET (C)

"I-680" +97.45
END REMOVE AC DIKE
65.68′ Lt END HMA SIDE GUTTER
68.68′ Lt END HMA DIKE (TYPE E)
55.68′ Lt END 12" RS (Conc Pvmt)
65.9′ Lt Beg PET (C)
LSS

PEA

65.84′ Lt "I-680" 295+91.13 EC

"I-680" +39
END REMOVE GUARDRAIL

11.6:1 TAPER

Exist
APPROACH
SLAB

"I-680" +03.00
Cfm

TOLL SITE No. 42
Conc PAD
(SEE Elect PLANS)

SUNOL

7.82′ Lt "I-680" 285+39.98 PCC

R/W

ESA 7

ES,
MGS (7′ WOOD POST)

TRSF

Exist ES

R=2438.00′

"I-680" +90
END REMOVE AC DIKE

1.66′ Rt "I-680" 295+50.74
END CB (TYPE 60MGC)
Beg CB (TYPE 60R Mod A)

"I-680" +72
Beg REMOVE GUARDRAIL

HMA DIKE (TYPE E)
3′ HMA
SIDE GUTTER

SB ROUTE 680

Exist ETW

S/C

R=2365.00′

R=2850.00′

22′

27′

25.7′

12.4′

285

290

295

12.8′

18.8′

"I-680" LINE

NB ROUTE 680

RW No. 213B

Exist ETW,
S/C

REMOVE GUARDRAIL

6′ Bar SLAB

R=2365.00′
R=1705.66′
R=1706.66′

R=2529.14′

MATCH LINE

15.6′

9.0′

2.35′ Rt "I-680" +63.61
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGC Mod A)

INSTALL Ltg Fdn ON CB
SEE Const Det

2.71′ Rt "I-680" 293+89.72 EC

2.80′ Rt "I-680" +96.48
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MGC)

2.82′ Rt "I-680" 294+62.05 BC

"I-680" +80 OH SIGN
TOLL SITE No. 42

65′ Rt "I-680" +02
Beg Temp Reinf
SILT FENCE

ESA 8

0.87′ Rt "I-680" +09.26
END CB (TYPE 60R Mod A)
Beg CB (TYPE 60MGC)

"I-680" 296+54.95 EC

"I-680" 296+89.92 EC (CB)

142′ Rt "I-680" +80
END Temp Reinf
SILT FENCE

"I-680" +98.82
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGC Mod B)

INSTALL Ltg Fdn ON CB
SEE Const Det

1.4′ Lt "I-680" +33.4
END CB TAPER
END CB (TYPE 60MGC Mod B)
Cfm
N 02°43′00" E 599.41′

"I-680" +16.65
Beg CB TAPER

FOR NOTES, ABBREVIATIONS AND
LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-10

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO — CALCULATED-DESIGNED BY
AARIAN S. MACDONALD — CHECKED BY

TIMOTHY J. LEE — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea010.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:31

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea010.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
12	1999.99′	41°28′00"	757.06′	1447.45′	2057821.58	6158878.07
17	1945.00′	6°58′11"	118.44′	236.59′	2057760.13	6158879.46
18	1750.00′	15°31′51"	238.64′	474.36′	2057791.23	6159071.96
19	150.00′	280°17′27"	-	733.80′	2058460.06	6160525.47
20	175.00′	58°40′03"	98.34′	179.19′	2058449.90	6160548.31
21	250.00′	47°35′40"	110.25′	207.67′	2058480.42	6160602.44

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	46	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

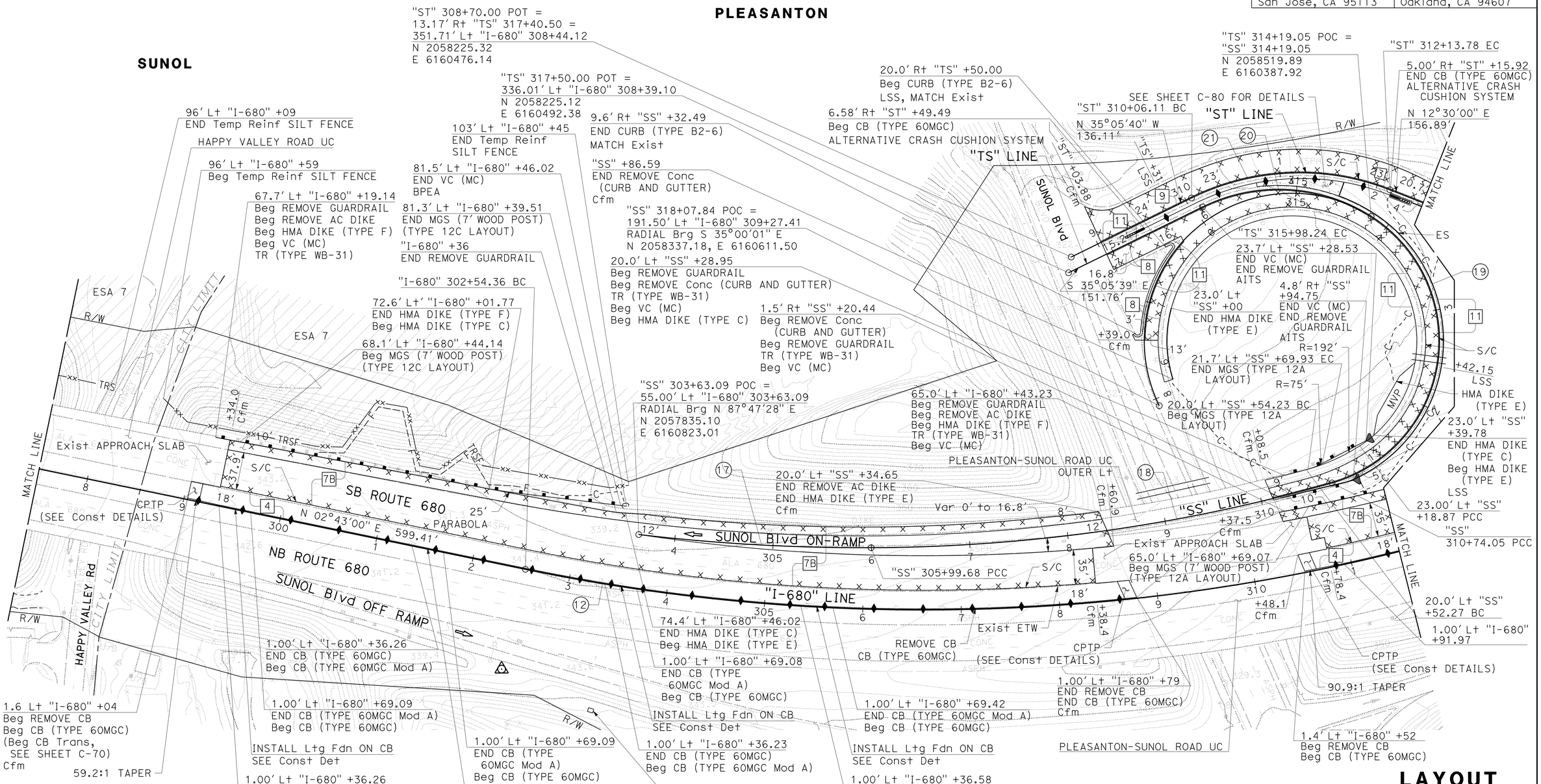
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

SUNOL

PLEASANTON



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-11

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:31

O:\0030UNDRAFTING\FINAL_PS&E\042000235ea011.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 042000235ea011.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
12	1999.99′	41°28′00"	757.06′	1447.45′	2057821.58	6158878.07
22	500.00′	46°22′31"	214.17′	404.70′	2058795.92	6159904.18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	47	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

22.9′ Lt "ST" +68.31
Beg REMOVE Conc (CURB AND GUTTER)
Beg HMA DIKE (TYPE E)
Beg TAPER
MATCH Exist

22.45′ Lt "ST" +22.25
END TAPER, BC

R/W

MATCH LINE

R=480′
N 12°30′00" E
156.89′

ES, HMA DIKE (TYPE E)

REMOVE Conc
(CURB AND GUTTER)

29′ Lt "ST" +60
Beg Temp Reinf
SILT FENCE

ESA 9

28′ Lt "ST" +83
END Temp Reinf
SILT FENCE

32′ Lt "ST" +98
Beg Temp Reinf
SILT FENCE

"ST" 317+75.37 EC

ESA 10

"ST" +27.57
END REMOVE Conc
(CURB AND GUTTER)
Beg REMOVE AC DIKE
LSS
N 33°52′31" W
431.79′

"ST" +79.40
END REMOVE Conc
(CURB AND GUTTER)
LSS

20.0′ Lt "ST" +16.27
Beg REMOVE GUARDRAIL
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE F)
Beg VC (MC)
EAA (TYPE SFT)

20.0′ Lt "ST" +22.52
Beg MGS (8′ WOOD POST) (TYPE 16A LAYOUT)

20.0′ Lt "ST" +35.02
END MGS (8′ WOOD POST)
Beg MGS (7′ WOOD POST)

"ST" +02
END REMOVE GUARDRAIL

20.0′ Lt "ST" +35.02
END MGS (7′ WOOD POST)
(TYPE 16A LAYOUT)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

22.0′ Lt "I-680" +84.98
END VC (MC)
AITS

"ST" 322+07.16 POT =
55.00′ Lt "I-680" 322+07.16
N 2059433.11
E 6160078.63

74.7′ Lt "I-680" +11.67
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)

"ST" 313+70.67 BC

"I-680" +90
END REMOVE GUARDRAIL

REMOVE GUARDRAIL
REMOVE AC DIKE
MGS (7′ WOOD POST)
HMA DIKE (TYPE F)

REMOVE Conc
(CURB AND
GUTTER)

65.0′ Lt "I-680" +29.21
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)

67.0′ Lt "I-680" +03.37
END VC (MC)
AITS

"ST" LINE

PLEASANTON

SUNOL Blvd OFF-RAMP

SB ROUTE 680

"I-680" LINE

N 38°45′00" W 8556.40′

NB ROUTE 680

MATCH LINE

REMOVE CB
CB (TYPE 60 MGC)

1.00′ Lt "I-680" +94.00
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGP)

1.00′ Lt "I-680" +06.00
END CB (TYPE 60MGP)
Beg CB (TYPE 60MGC)

65.0′ Lt "I=680" +51.70
END MGS (7′ WOOD POST) (TYPE 12A LAYOUT)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

"I-680" 317+01.81 EC

Exist ETW

65.0′ Lt "I-680" +85.06
END HMA DIKE (TYPE E)

SEE SHEET C-80 FOR DETAILS

65.00′ Lt "I-680" +80.24

"I-680" +74
END REMOVE AC DIKE

SUNOL Blvd ON-RAMP

1.00′ Lt "I-680" +45.02
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGC Mod A)

INSTALL Ltg Fdn ON CB
SEE Const Det

1.00′ Lt "I-680" +77.86
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MGC)

1.00′ Lt "I-680" +45.02
END CB (TYPE 60MGC)
Beg CB (TYPE
60MGC Mod A)

INSTALL Ltg Fdn ON CB
SEE Const Det

1.00′ Lt "I-680" +77.86
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MGC)

1.00′ Lt "I-680" +45.02
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGC Mod A)

FOR NOTES, ABBREVIATIONS AND
LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-12

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
NICHOLAS W. CARUSO	AARIAN S. MACDONALD	NC	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:31

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea012.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea012.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	48	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

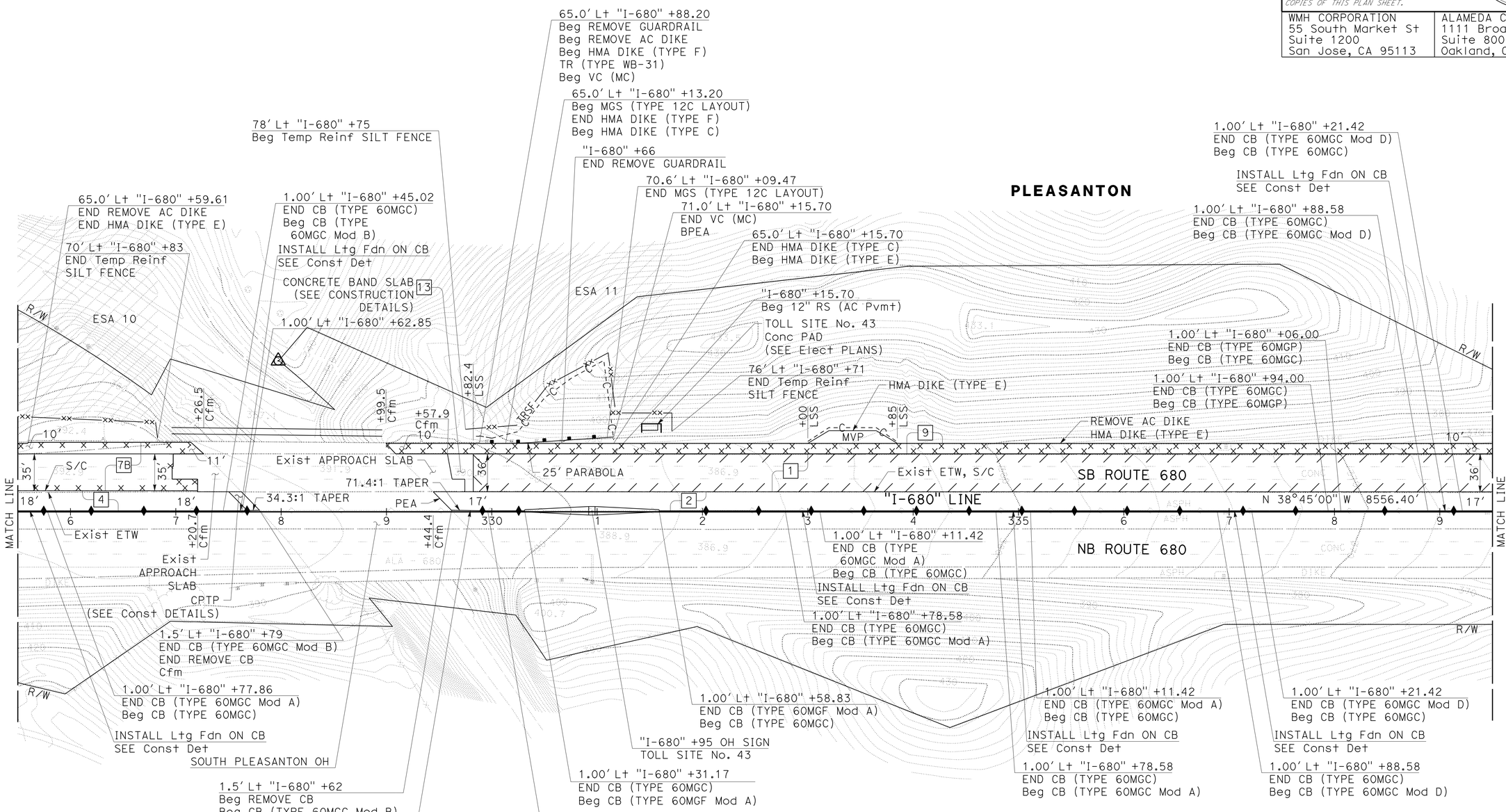
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-13

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD
CALCULATED-DESIGNED BY
CHECKED BY
TIMOTHY J. LEE
CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:31

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea013.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ea013.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	49	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

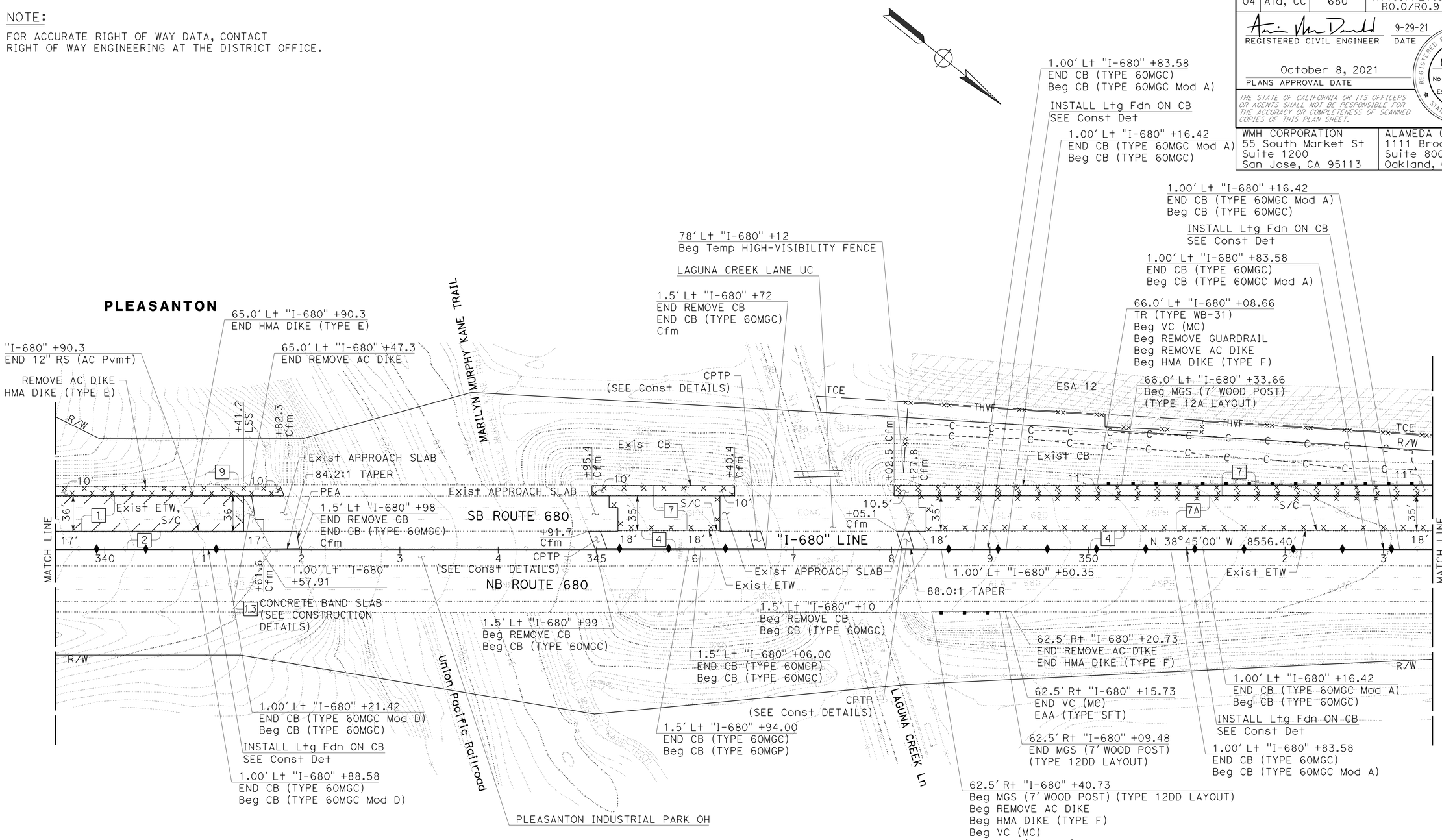
October 8, 2021
PLANS APPROVAL DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50'
L-14

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION: DATE PLOTTED => 4-APR-2022 09-29-21 TIME PLOTTED => 14:32

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ea014.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea014.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	50	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PLEASANTON

66.0′ Lt "I-680" +77.59
END MGS (7′ WOOD POST) (TYPE 12A LAYOUT)

78.0′ Lt "I-680" +83.84
EAA (TYPE SFT)

66.0′ Lt "I-680" +83.84
Beg VC (MC)
EAA (TYPE SFT)
LSS

66.0′ Lt "I-680" +38.84
Beg MGS TAPER
END VC (MC)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

66.0′ Lt "I-680" +90.09
Beg MGS (7′ WOOD POST)
(TYPE 16A LAYOUT)

66.0′ Lt "I-680" +93.80
Beg MGS (7′ WOOD POST) (TYPE 16A LAYOUT)

REMOVE AC DIKE
MGS (7′ WOOD POST)
HMA DIKE (TYPE F)

TOLL SITE No. 44
Conc PAD
(SEE Elect PLANS)

74′ Lt "I-680" +22
END Temp HIGH-
VISIBILITY FENCE

66.0′ Lt "I-680" +87.55
Beg REMOVE GUARDRAIL
Beg VC (MC)
EAA (TYPE SFT)
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE F)

75′ Lt "I-680" +16
END Temp HIGH-VISIBILITY FENCE

74′ Lt "I-680" +90
Beg Temp HIGH-VISIBILITY FENCE

66.0′ Lt "I-680" +14.21
END MGS (7′ WOOD POST) (TYPE 16A LAYOUT)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

TOLL SITE No. 43A
Conc PAD
(SEE Elect PLANS)

"I-680" +00 OH SIGN
TOLL SITE No. 44

78.0′ Lt "I-680" +63.84
Beg HMA DIKE (TYPE F)

68.0′ Lt "I-680" +64.17
END VC (MC)
AITS

"I-680" +24
END REMOVE GUARDRAIL

1.00′ Lt "I-680" +36.30
END CB (TYPE 60MG)
Beg CB (TYPE 60MGF)

78.0′ Lt "I-680" +18.84
END MGS TAPER
END HMA DIKE (TYPE C)

66.0′ Lt "I-680" +89.17
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)

REMOVE CB
CB (TYPE 60MG)

ESA 12

ESA 13

+98.84 LSS

TCE — R/W — THVF — MVP — HMA DIKE (TYPE C) — SB ROUTE 680 — S/C — Exist ETW — N 38°45′00" W 8556.40′ — "I-680" LINE — MATCH LINE — 18′ — 35′ — 11′

1.00′ Lt "I-680" +63.70
END CB (TYPE 60MGF)
Beg CB (TYPE 60MG)

NB ROUTE 680

1.00′ Lt "I-680" +16.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MG)

1.00′ Lt "I-680" +83.58
END CB (TYPE 60MG)
Beg CB (TYPE 60MGC Mod A)

INSTALL Ltg Fdn ON CB
SEE Const Det

1.00′ Lt "I-680" +16.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MGC)

1.00′ Lt "I-680" +83.58
END CB (TYPE 60MG)
Beg CB (TYPE 60MGC Mod A)

1.00′ Lt "I-680" +06.00
END CB (TYPE 60MGP)
Beg CB (TYPE 60MGC)

1.00′ Lt "I-680" +94.00
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGP)

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50′
L-15

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD
CALCULATED-DESIGNED BY
CHECKED BY
TIMOTHY J. LEE
CONSULTANT FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:32

D:\0030U\DRAFTING\FINAL_PS&E\0420000235ea015.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea015.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	51	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

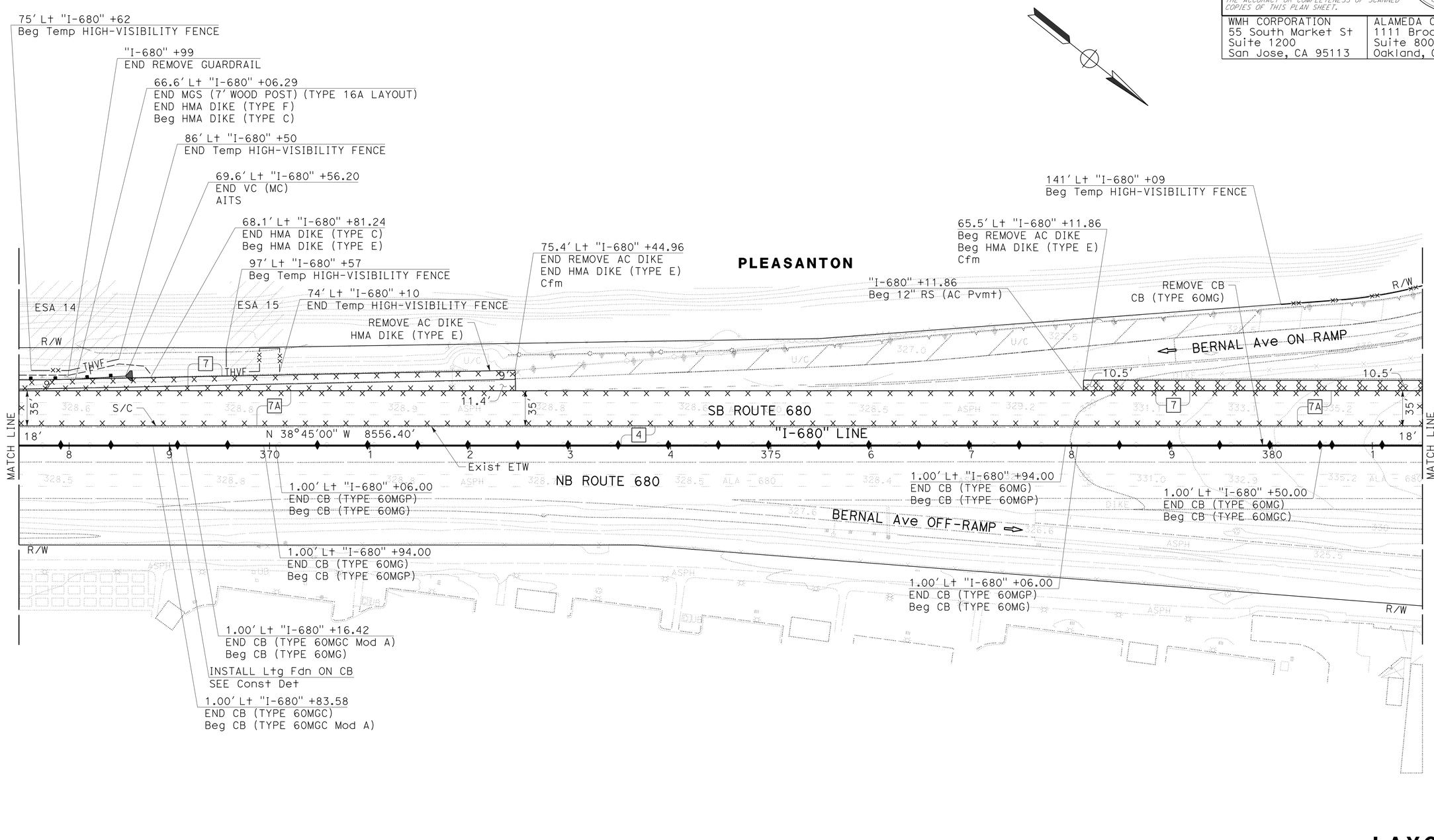
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-16

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
SUPERVISOR: TIMOTHY J. LEE
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:32

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ea016.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea016.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	52	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

"SBO" +09
END REMOVE AC DIKE
Beg REMOVE Conc (CURB AND GUTTER)

40.0' Lt "SBO" +82.00
Beg REMOVE AC DIKE
Beg HMA DIKE (TYPE E)
Cfm

197' Rt "SBO" +87
END Temp HIGH-VISIBILITY FENCE

S 25°15'35" E
194.83'

"SBO" 380+00.00 POT =
364.02' Lt "I-680" 389+58.48
N 2064504.94
E 6155611.81

55' Lt "SBO" +23
Beg Temp HIGH-VISIBILITY FENCE

20.0' Lt "SBO" +60.25
TR (TYPE WB-31)
Beg VC (MC)
Beg REMOVE GUARDRAIL
Beg REMOVE AC DIKE
Beg HMA DIKE (TYPE F)

20.0' Lt "SBO" +85.25
Beg MGS (7' WOOD POST)
(TYPE 12A LAYOUT)

89' Lt "SBO" +39
END Temp HIGH-VISIBILITY FENCE

20.0' Lt "SBO" +08.75
END MGS (7' WOOD POST)
Beg MGS (8' WOOD POST)

20.0' Lt "SBO" +52.50
END MGS (8' WOOD POST)
Beg MGS (7' WOOD POST)

20.0' Lt "SBO" +80.94
END MGS (7' WOOD POST)
Beg MGS (8' WOOD POST)

20.0' Lt "SBO" +93.44
END MGS (8' WOOD POST)
Beg MGS (7' WOOD POST)

"SBO" 393+06.53 POT =
55.00' Lt "I-680" 393+06.53
N 2064969.79
E 6155634.97

139' Lt "I-680" +38
Beg Temp HIGH-VISIBILITY FENCE

REMOVE AC DIKE
REMOVE GUARDRAIL
HMA DIKE (TYPE F)
MGS (7' WOOD POST)

65.5' Lt "I-680" +23.74
Beg MGS (TYPE 12DD LAYOUT)

65.5' Lt "I-680" +17.49
Beg VC (MC)
EAA (TYPE SFT)

65.5' Lt "I-680" +12.49
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE F)

"SBO" 384+87.97 PCC

"SBO" 381+94.83 BC

"SBO" +40
END REMOVE Conc (CURB AND GUTTER)

23' Lt "SBO" +23
Beg REMOVE AC DIKE

44.00' Lt "SBO" +22.56 BC

44.00' Lt "SBO" +20.92 BC

31.05' Lt "SBO" +93.25 BC

25.00' Lt "SBO" +25.02 PCC

20.0' Lt "SBO" +69.0
END REMOVE AC DIKE
END HMA DIKE (TYPE E)
Cfm

25.00' Lt "SBO" +75.71 PCC

"SBO" 387+07.39 EC

20.00' Lt "SBO" +54.56 EC

1.00' Lt "I-680" +04.57

"I-680" +42.49
END 12" RS (AC Pvmt)

65.5' Lt "I-680" +42.49
END REMOVE AC DIKE
END HMA DIKE (TYPE F)
END VC (MC)
END MGS (TYPE 12DD LAYOUT)
END CAP (TYPE A)
Cfm

1.3' Lt "I-680" +24
Beg REMOVE CB
Beg CB (TYPE 60MGC)
Cfm

66.0' Lt "I-680" +40.00
Beg MGS TAPER
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)
END VC (MC)

1.00' Lt "I-680" +94.00
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGP)

1.00' Lt "I-680" +06.00
END CB (TYPE 60MGP)
Beg CB (TYPE 60MGC)

1.00' Lt "I-680" +64.46

1.00' Lt "I-680" +94.00
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGP)

1.00' Lt "I-680" +06.00
END CB (TYPE 60MGP)
Beg CB (TYPE 60MGC)

1.3' Lt "I-680" +45
END REMOVE CB
END CB (TYPE 60MGC)

N 34°02'46" W
599.14'

N 38°45'00" W 8556.40'

ESA 29 — ESA 16 — ESA 17

BERNAL Ave ON RAMP ⇦ — BERNAL Ave OFF RAMP ⇨ — BERNAL Ave OFF RAMP ⇨ — BERNAL Ave ON RAMP ⇦

SB ROUTE 680 — "I-680" LINE — NB ROUTE 680

BERNAL AVENUE UC — Lt OUTER — BERNAL AVENUE UC

MATCH LINE — MATCH LINE

PLEASANTON

R/W — THVF — F — Exist ETW — S/C — REMOVE AC DIKE HMA DIKE (TYPE E) — REMOVE CB — CB (TYPE 60MGC) — Exist APPROACH SLAB — CPTP (SEE Const DETAILS) — 120:1 TAPER — 161:1 TAPER — Exist APPROACH SLAB — CPTP (SEE Const DETAILS)

+91.9 Cfm — +66.7 Cfm — +42.5 Cfm — +57.7 Cfm — +24.2 Cfm — +48.5 Cfm — +67.0 Cfm

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
23	160.00'	104°58'20"	208.41'	293.14'	2064397.01	6155839.65
24	150.00'	83°48'51"	134.62'	219.43'	2064389.38	6155846.11

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50'
L-17

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:32

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ea017.dgn

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
13	7000.06′	22°19′34"	1381.36′	2727.67′	2070127.92	6160541.42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	53	1710

Aarian S. MacDonald 9-29-21
REGISTERED CIVIL ENGINEER DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

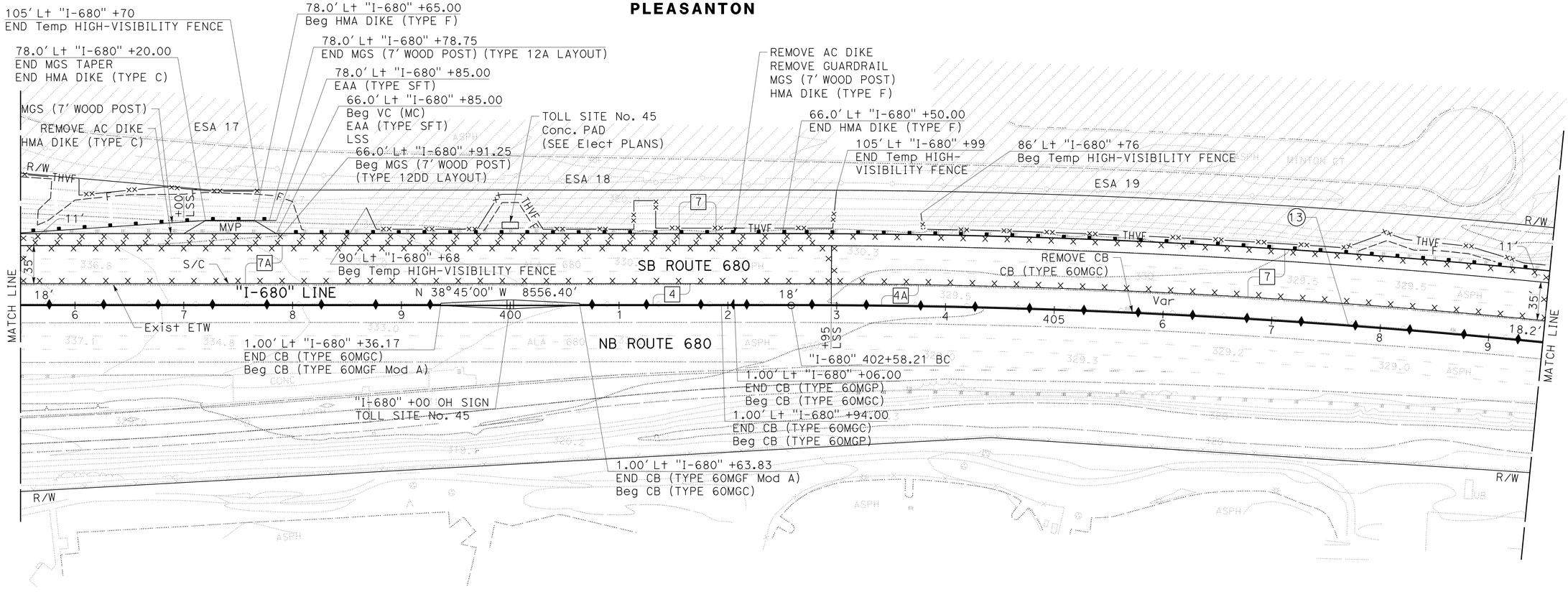
October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PLEASANTON



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50′
L-18

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:32

O:\6030\DRAFTING\FINAL_PS&E\04200002351ea018.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	54	1710

Aarian S. MacDonald 9-29-21
REGISTERED CIVIL ENGINEER DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

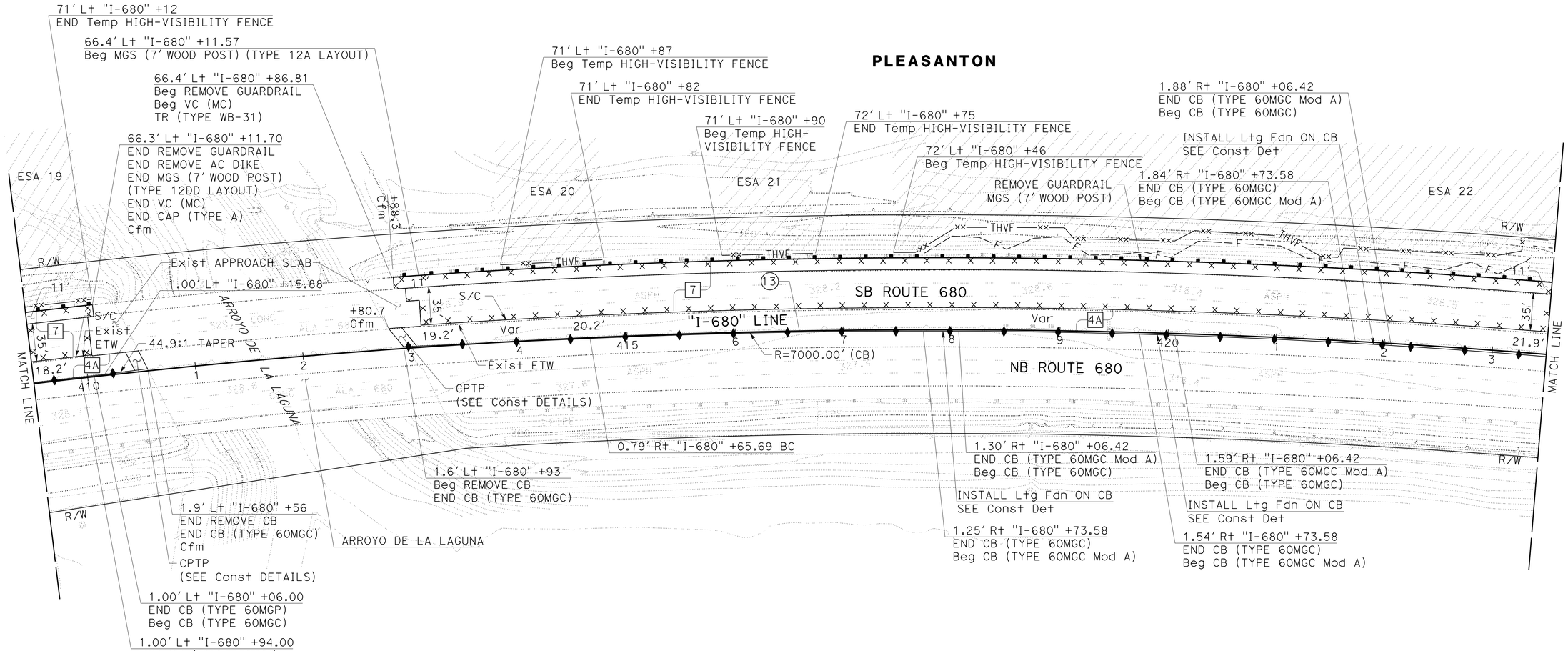
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
13	7000.06′	22°19′34"	1381.36′	2727.67′	2070127.92	6160541.42



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-19

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:32

O:\0030\DRAFTING\FINAL_PS&E\0420000235ea019.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea019.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	55	1710

Aarian S. MacDonald 9-29-21
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
AARIAN S. MACDONALD
No. 79260
Exp. 3-31-24
CIVIL
STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

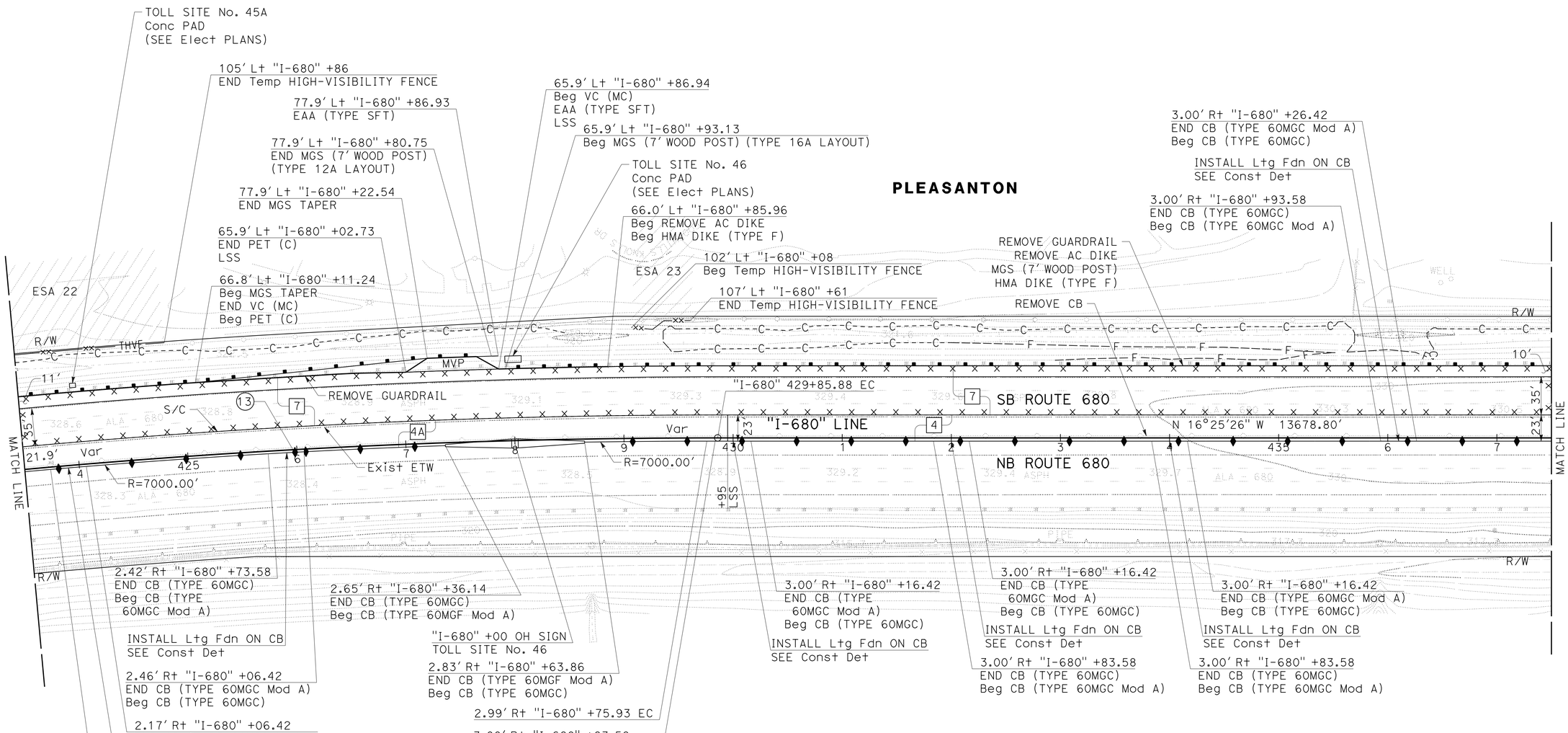
WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
13	7000.06′	22°19′34"	1381.36′	2727.67′	2070127.92	6160541.42



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50′
L-20

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030UNDRAFTING\FINAL_PS&E\04200002351ea020.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:32

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	56	1710

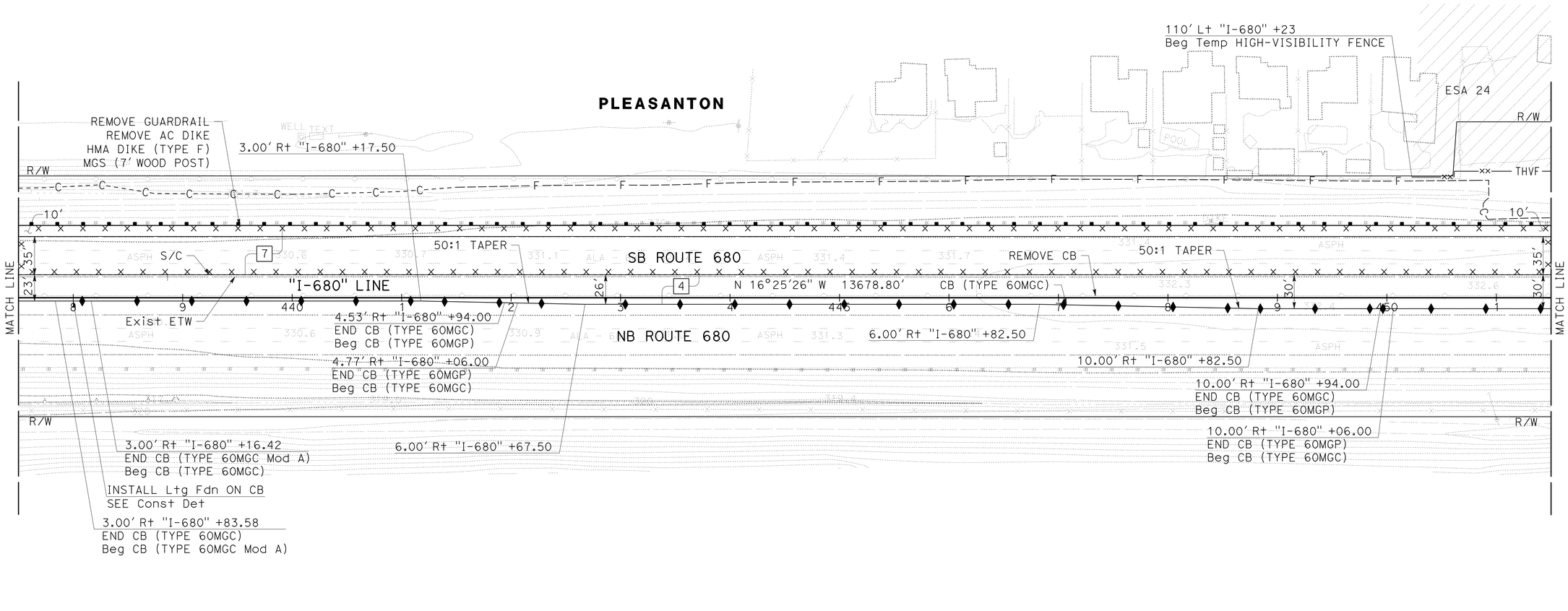
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50'
L-21

REVISED BY: NC — DATE REVISED: 9-29-21
CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D:\0030\DRAFTING\FINAL_PS&E\04200002351ea021.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022 | 09-29-21 | TIME PLOTTED => 14:32

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea021.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	57	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

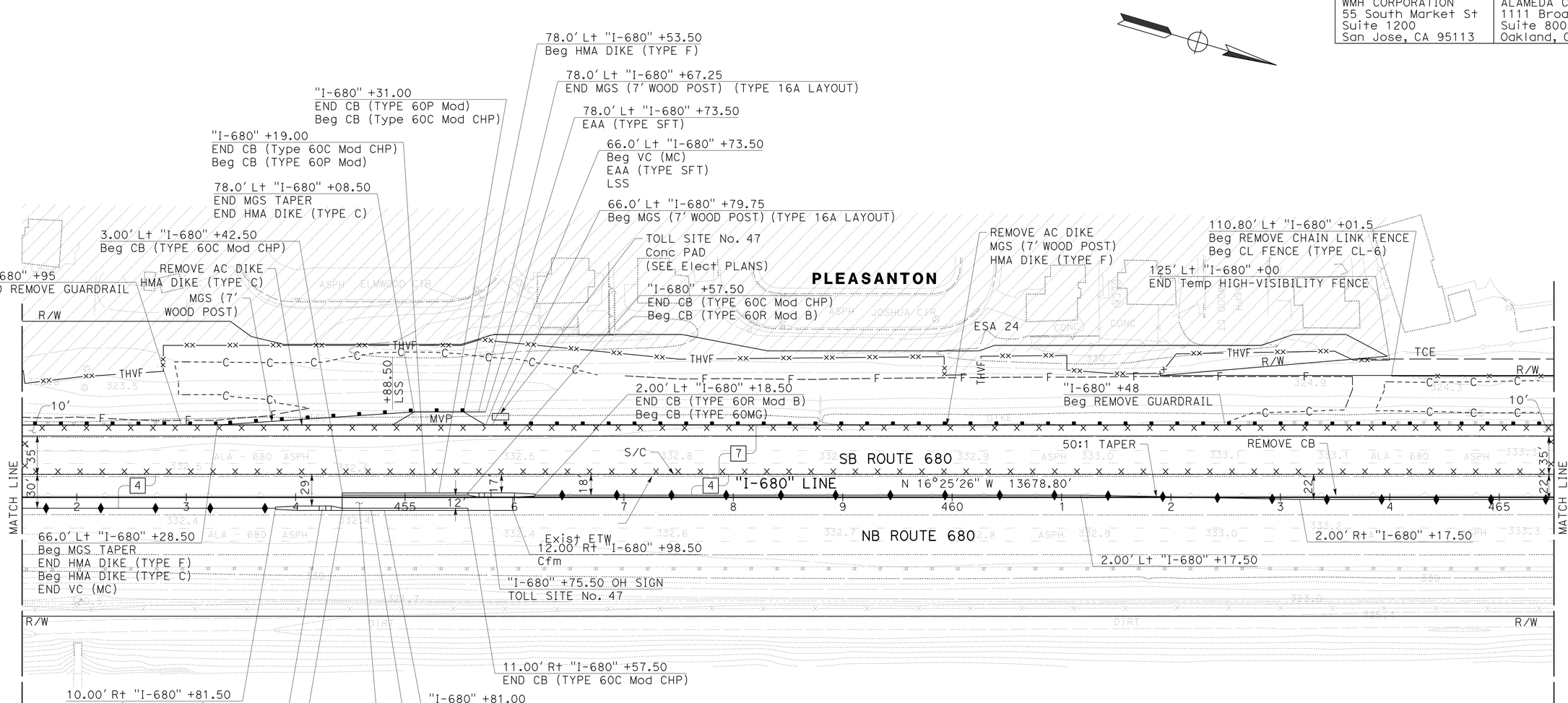
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50'
L-22

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO
AARIAN S. MACDONALD
CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:32

D:\0030\DRAFTING\FINAL_PS&E\0420000235ea022.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea022.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	58	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

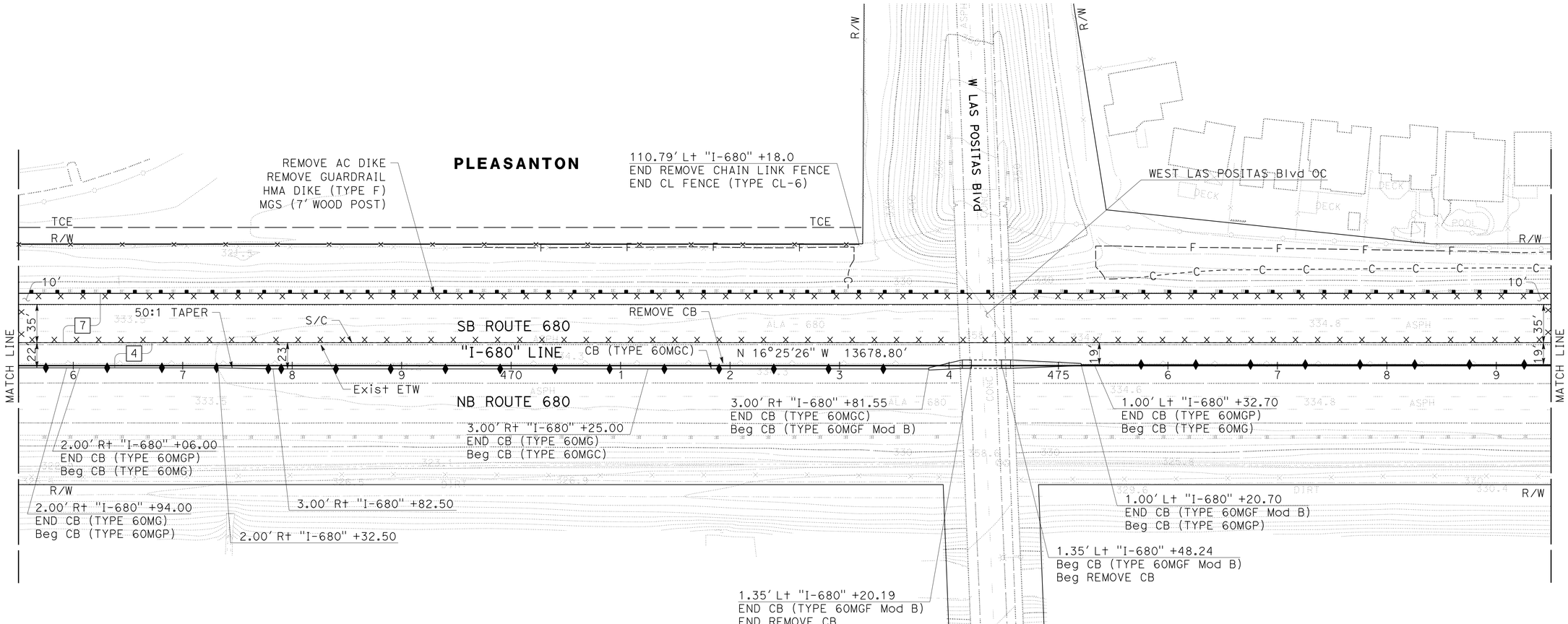
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-23

REVISED BY	DATE REVISED
NC	9-29-21

CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION: DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:32

01\0030\DRAFTING\FINAL_PS&E\0420000235ea023.dgn

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	59	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

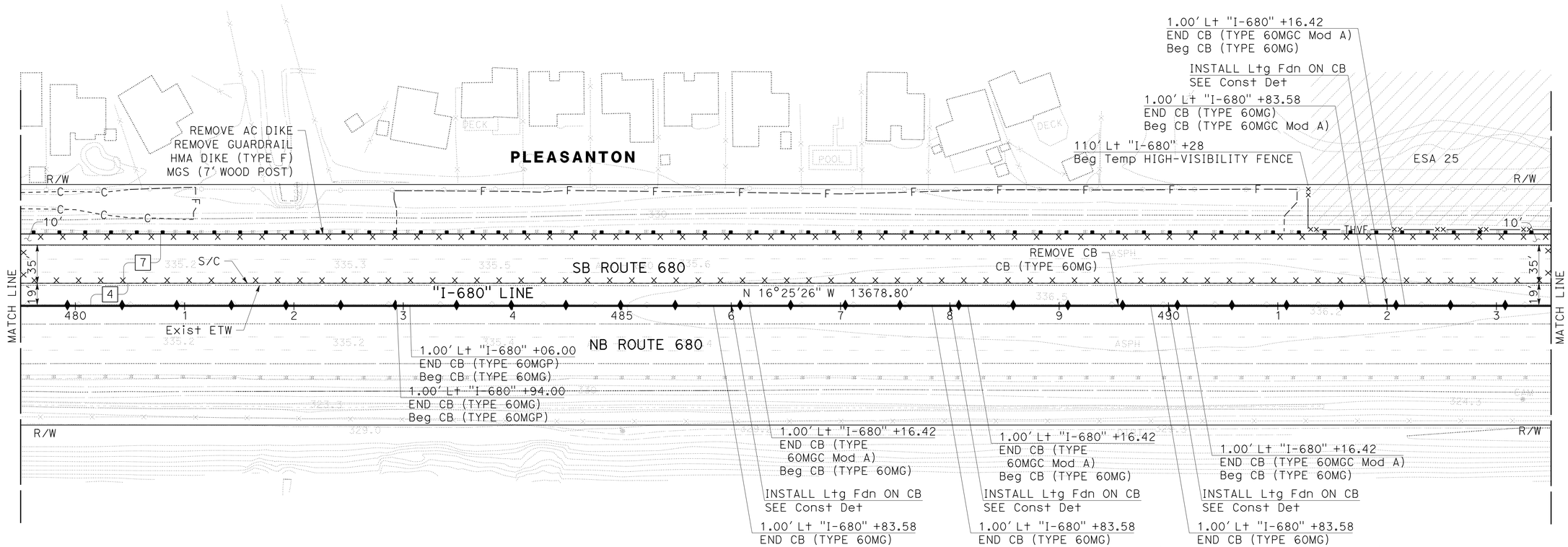
AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 50'
L-24

REVISED BY	DATE REVISED
NC	9-29-21

NICHOLAS W. CARUSO — CALCULATED-DESIGNED BY
AARIAN S. MACDONALD — CHECKED BY
TIMOTHY J. LEE — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21 | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:33

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ea024.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea024.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	60	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

AARIAN S. MACDONALD No. 79260 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

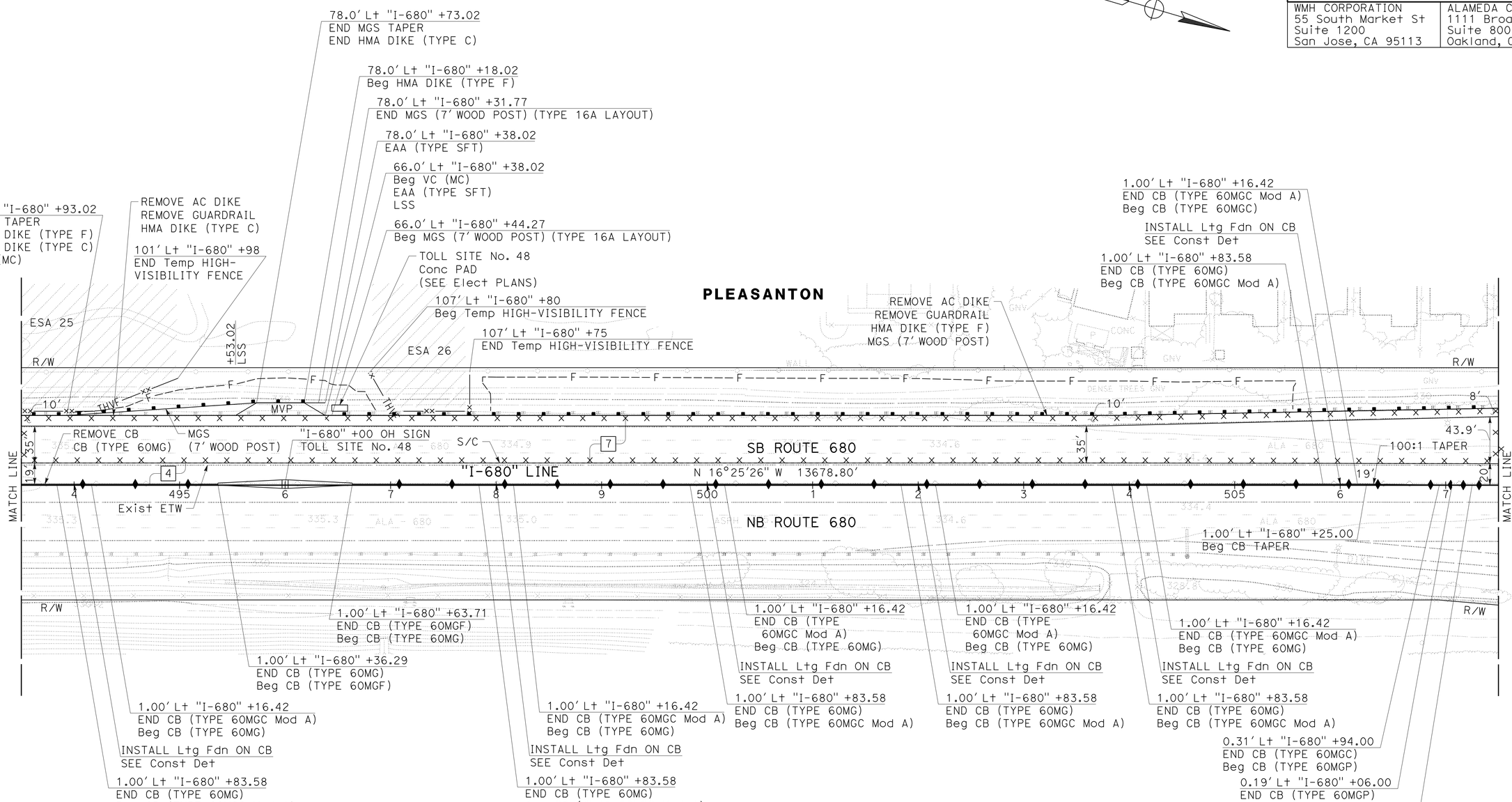
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-25

REVISED BY: NC — DATE REVISED: 9-29-21
CALCULATED-DESIGNED BY: NICHOLAS W. CARUSO
CHECKED BY: AARIAN S. MACDONALD
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:33

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ea025.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea025.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
25	3000.00′	05°38′46"	147.93′	295.63′	2075102.682	6148585.382
26	3000.00′	00°52′10"	22.76′	45.53′	2077461.784	6154102.141
27	400.00′	54°30′27"	206.05′	380.53′	2076547.863	6150802.253

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	61	1710

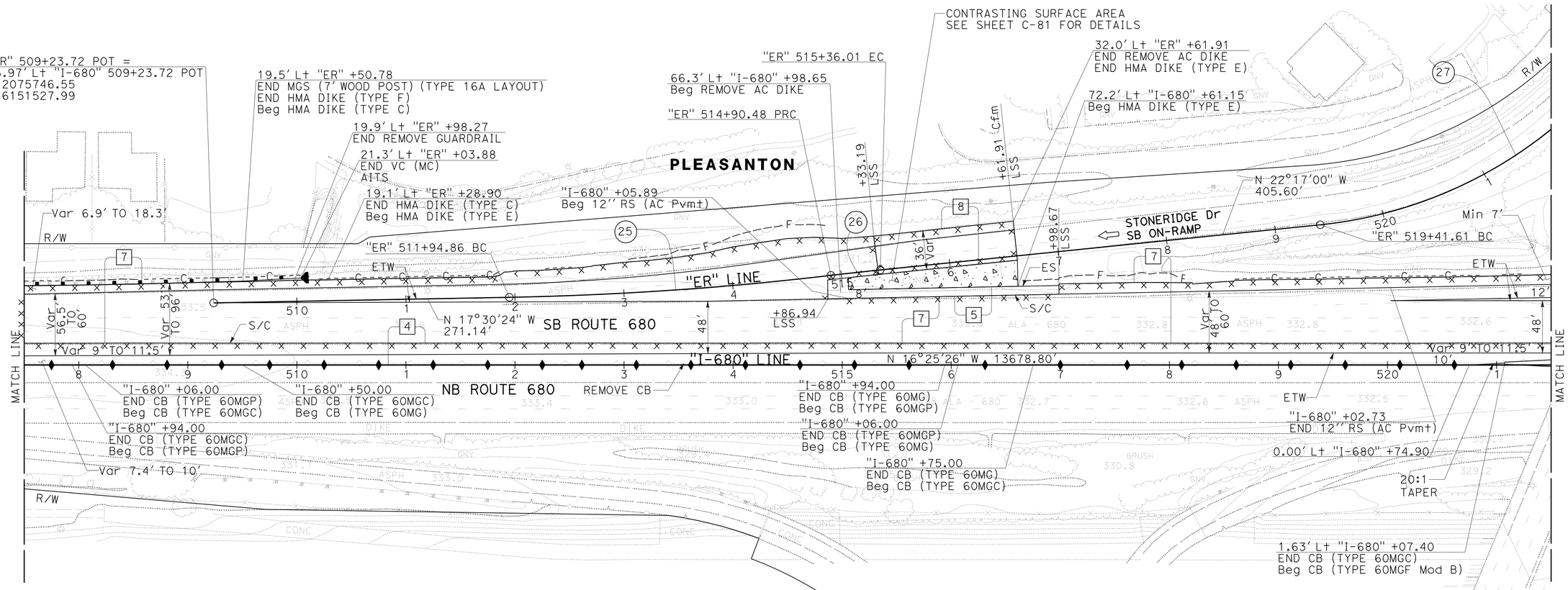
ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-26

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH

CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:33

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea026.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea026.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	62	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

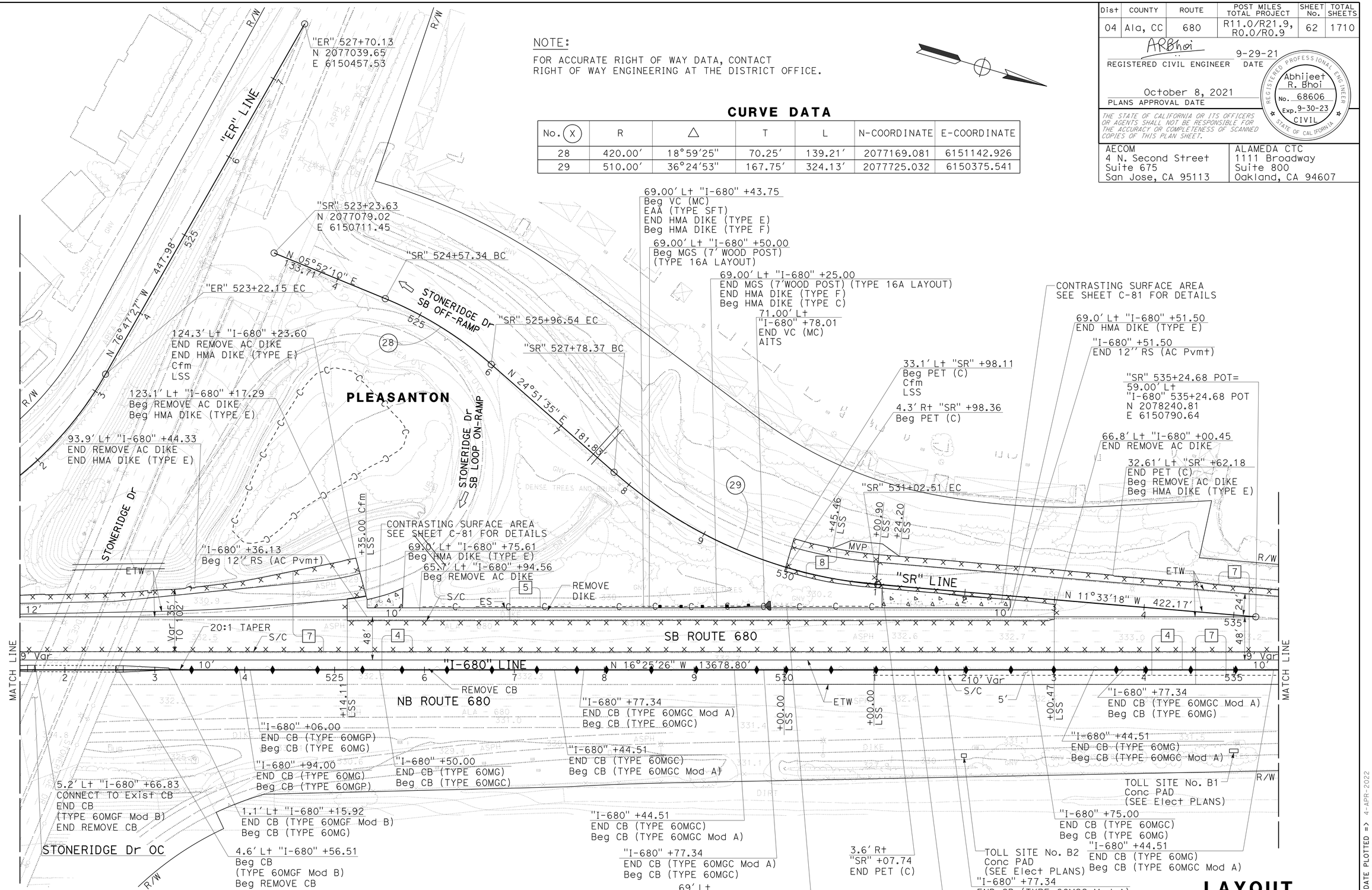
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
28	420.00′	18°59′25"	70.25′	139.21′	2077169.081	6151142.926
29	510.00′	36°24′53"	167.75′	324.13′	2077725.032	6150375.541



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-27

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 4-APR-2022 TIME PLOTTED => 14:33
09-29-21

I:\0030UNDRAFTING\FINAL_PS&E\04200002351ea027.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea027.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	63	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

81.00' Lt "I-680" +48.63
END MGS (7' WOOD POST)
Beg MGS (8' WOOD POST)

"I-680" +99.34
Beg REMOVE GUARDRAIL

81.00' Lt "I-680" +48.63
Beg MGS (7' WOOD POST)
(TYPE 16A LAYOUT)

81.00' Lt "I-680" +42.38 LSS
Beg VC (MC)
EAA (TYPE SFT)
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE F)

REMOVE AC DIKE

"I-680" +63.66
END REMOVE GUARDRAIL

TOLL SITE No. 49
Conc PAD
(SEE Elect PLANS)

81.00' Lt "I-680" +98.63
END MGS (8' WOOD POST)
Beg MGS (7' WOOD POST)

81.00' Lt "I-680" +00.00
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

93.00' Lt "I-680" +48.23
END MGS (7' WOOD POST)
(TYPE 16A LAYOUT)

81.00' Lt "I-680" +45.34
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE F)
EAA (TYPE SFT)

93.00' Lt "I-680" +54.48
EAA (TYPE SFT)

81.00' Lt "I-680" +51.58
Beg MGS (7' WOOD POST)
(TYPE 16A LAYOUT)

"I-680" +11.79
Beg REMOVE GUARDRAIL

"I-680" +00.74
END REMOVE GUARDRAIL

"I-680" +25.00
END CB (TYPE 60MGC)
Beg CB (TYPE 60MG)

+60.33 LSS

+45.33 LSS

+03.44 LSS

PLEASANTON

81.00' Lt "I-680" +14.08
END MGS (8' WOOD POST)
Beg MGS (7' WOOD POST)

81.00' Lt "I-680" +76.58
END MGS (7' WOOD POST)
Beg MGS (8' WOOD POST)

"I-680" +15.20
Beg REMOVE GUARDRAIL

"I-680" +29.02
END REMOVE GUARDRAIL

81.96' Lt "I-680" +39.08
END MGS (7'WOOD POST) (TYPE 16A LAYOUT)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

83.16' Lt
"I-680" +17.20
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)

84.56' Lt
"I-680" +92.14
END VC (MC)
AITS

TCE
R/W
MVP
ES
Var 8' TO 26'
10'
Var 60' TO 70.7'
Var 47' TO 70'
7' Shld
S/C
60'
SB ROUTE 680
ETW
20:1 TAPER
40' Var
48'
9' Var
10' Var
"I-680" LINE N 16°25'26" W 13678.80'
MATCH LINE
5'
NB ROUTE 680
+02.30 LSS 1 LPEA
+13.53 LSS 5'
R/W

"I-680" +24.56
END CB (TYPE 60MGF)
Beg CB (TYPE 60MG)

"I-680" +60.92
OH SIGN
TOLL SITE No. 49

"I-680" +33.00
OH SIGN

"I-680" +33.58
END CB (TYPE 60MG)
Beg CB (TYPE 60MGC Mod A)

"I-680" +66.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MG)

"I-680" +77.34
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MG)

"I-680" +69.37
END CB (TYPE 60MG)
Beg CB (TYPE 60MGF)

"I-680" +50.00
END CB (TYPE 60MG)
Beg CB (TYPE 60MGC)

"I-680" +23.58
END CB (TYPE 60MGC)
Beg CB (TYPE 60MGC Mod A)

"I-680" +56.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MGC)

"I-680" +13.58
END CB (TYPE 60MG)
Beg CB
(TYPE 60MGC Mod A)

"I-680" +46.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MG)

0.0' Lt "I-680" +65.00

1.2' Lt "I-680" +89.33
END CB (TYPE 60MG)
Beg CB (60MGF Mod B)

3.2' Lt "I-680" +16.10
CONNECT TO Exist CB
END CB (60MGF Mod B)
END REMOVE CB

3.1' Lt "I-680" +56.16
CONNECT TO Exist CB
Beg CB (60MGF Mod B)
Beg REMOVE CB

1.2' Lt "I-680" +80.47
END CB (60MGF Mod B)
Beg CB (TYPE 60MG)

0.0' Lt "I-680" +05.14

"I-680" +46.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MG)

"I-680" +13.58
END CB (TYPE 60MG)
Beg CB (TYPE 60MGC Mod A)

"I-680" +46.42
END CB (TYPE 60MGC Mod A)
Beg CB (TYPE 60MG)

0.0' Lt "I-680" +13.58
END CB (TYPE 60MG)
Beg CB (TYPE 60MGC Mod A)

SOUTH SAN RAMON CREEK
ALAMEDA COUNTY FLOOD CONTROL CHANNEL

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-28

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

I:\0030U\DRAFTING\FINAL_PS&E\04200002351ea028.dgn

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:33

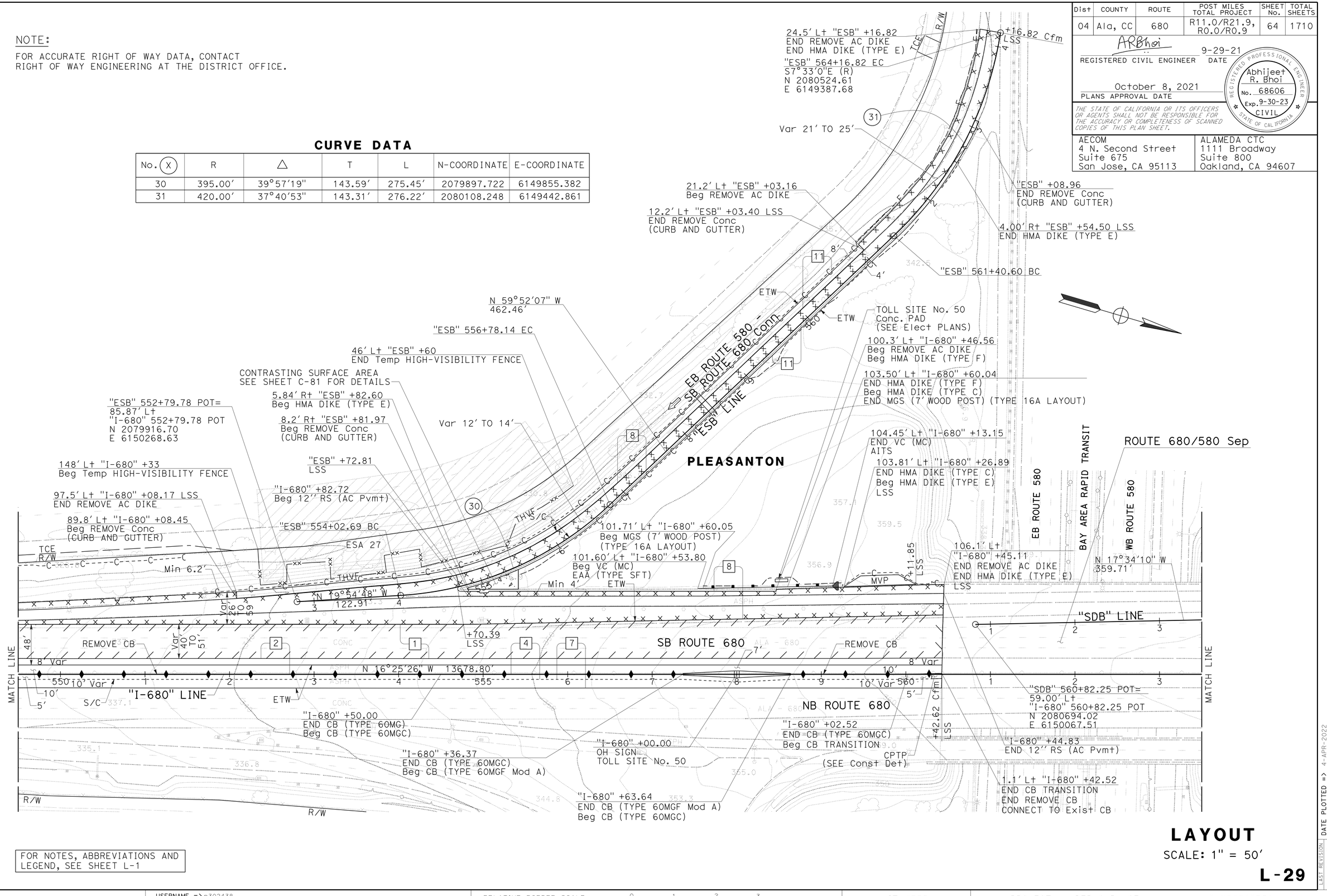
BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ea028.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
30	395.00′	39°57′19"	143.59′	275.45′	2079897.722	6149855.382
31	420.00′	37°40′53"	143.31′	276.22′	2080108.248	6149442.861



FOR NOTES, ABBREVIATIONS AND
LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	64	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Abhijeet R. Bhoi
No. 68606
Exp. 9-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 09-29-21
TIME PLOTTED => 4-APR-2022 14:33

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ea029.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea029.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	65	1710

ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

Abhijeet R. Bhoi, No. 68606, Exp. 9-30-23, CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

PLEASANTON

"WSL" LINE
WB ROUTE 580 - SB ROUTE 680 Conn

"SDB" LINE
S680-W580 Conn Sep
S680-E580 Conn OC
SB ROUTE 680

"DBV" LINE
DUBLIN

"I-680" LINE
NB ROUTE 680

"SCN" LINE

SB I-680 - WB I-580 Conn

CITY LIMIT

R/W

MATCH LINE

AMADOR PLAZA Rd SB ON-RAMP

AMADOR PLAZA Rd SB OFF-RAMP

VILLAGE PKWY NB ON-RAMP

ALAMEDA COUNTY FLOOD CONTROL CHANNEL

SB ROUTE 680 EB ROUTE 580 Conn

24.1' Lt "WSL" +33.06
END HMA DIKE (TYPE E)
END REMOVE AC DIKE

2.0' Rt "WSL" +71.82
END HMA DIKE (TYPE E)
END REMOVE AC DIKE

20.2' Lt "WSL" +29.61
Beg TR (WB-31)
Beg REMOVE GUARDRAIL
Beg VC (MC)
Beg HMA DIKE (TYPE F)
Beg REMOVE AC DIKE

+33.71 Cfm LSS

"WSL" 571+71.49
EC
N 2080866.24
E 6149821.80
S14°59'37"E (R)
"WSL" 563+69.16 BC=
86.98' Lt
"I-680" 563+69.16 POT
LSS
N 2080961.31
E 6149959.55
N73°53'10"E (R)

"SDB" 564+41.96
BC
81.8' Lt
"I-680" +69.00
Beg REMOVE
AC DIKE
Beg HMA DIKE
(TYPE E)

"I-680" +56.00
END CB (TYPE 60MGP)
Beg CB (TYPE 60MG)
"I-680" +44.00
END CB (TYPE 60MG)
Beg CB (TYPE 60MGP)
"I-680" +00.00
Beg 12" RS (Conc Pvmt)
"I-680" +06.79
END CB TRANSITION
Beg CB (TYPE 60MG)
CPTP
(SEE Const Det)
N 17°34'10" W 359.71'
1.2' Lt "I-680" +66.79
Cfm
Beg CB TRANSITION
Beg REMOVE CB
CONNECT to Exist CB
65.5' Lt "I-680" +35.59
Beg REMOVE Conc
(CURB AND GUTTER)
Beg REMOVE AC DIKE
0.0' Lt "I-680" +49.01
"I-680" 566+64.68 BC
0.86' Rt "I-680" +72.17
END CB (TYPE 60MG)
Beg CB
(TYPE 60MGF Mod B)
5.0' Lt "I-680" +24.18
END CB (TYPE 60MGF Mod B)
END REMOVE CB
CONNECT to Exist CB

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

20.0' Lt "WSL" +55.29
END TR (WB-31)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

19.6' Lt "WSL" +86.59
END REMOVE GUARDRAIL

24.8' Lt "WSL" +12.02
END VC (MC)
AITS

"WSL" 564+96.61
PCC

22.8' Lt "WSL" +41.64
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)

3.8' Rt "WSL" +26.37
Beg HMA DIKE (TYPE E)
Beg REMOVE AC DIKE

"WSL" 566+42.97 PCC

77.3' Lt
"I-680" +10.48
END REMOVE Conc
(CURB AND GUTTER)

"SDB" +06.33 LSS

CONTRASTING SURFACE AREA
SEE SHEET C-82 FOR DETAILS

"SDB" +19.32 LSS

"SDB" 566+26.49 EC

78.88' Lt
"I-680" +22.15
Beg HMA DIKE (TYPE E)
Beg PET (C)

69.97' Lt
"I-680" +22.20
Beg CB (TYPE 60MC)
END HMA DIKE (TYPE E)
N 21°05'38" W
218.66'

"SDB" 568+45.16 BC

73.9' Lt "I-680" +13.27
END REMOVE GUARDRAIL

+64.44 LSS

20:1 TAPER

N 16°25'26" W 13678.80'

+66.73 Cfm LSS

21.71' Lt
"I-680" +70.88
ANGLE POINT
LSS
15.71' Lt
"I-680" +70.88
ANGLE POINT

5.45' Lt "I-680" +80.72
Beg CB
(TYPE 60MGF Mod B)
Beg REMOVE CB
CONNECT TO Exist CB

1.00' Rt "I-680" +85.09
END CB (TYPE 60MGF Mod B)
Beg CB (TYPE 60MGC)

14.98' Lt "I-680" +53.05
ANGLE POINT
154.98' Lt "I-680" +53.05
ANGLE POINT
71.03' Lt "I-680" +14.16
END MGS (7' WOOD POST)
(TYPE 12A LAYOUT)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)
"I-680" +17.37
Beg 12" RS (Conc Pvmt)
1.00' Rt "I-680" +25.00
END CB (TYPE 60MGC)
Beg CB (TYPE 60MG)
73.30' Lt "I-680" +68.22
END VC (MC)
AITS 71.43' Lt "I-680" +93.71
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)
1.00' Rt "I-680" +94.00
END CB (TYPE 60MG)
Beg CB (TYPE 60MGP)

70.8' Lt "I-680" +63.26
END TR (WB-31)
Beg MGS (7' WOOD POST)
(TYPE 12A LAYOUT)

33.7' Lt "SDB" +40.44
Beg MGS (7' WOOD POST)
(TYPE 16A LAYOUT)
Beg REMOVE GUARDRAIL

33.62' Lt "SDB" +33.95
Beg VC (MC)
EAA (TYPE SFT)
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE F)

71.6' Lt "I-680" +37.80
END CB (TYPE 60MC)
Beg TR (WB-31)
Beg HMA DIKE (TYPE F)
Beg VC (MC)

69.8' Lt "I-680" +29.76
Beg REMOVE GUARDRAIL

5.5' Rt "SDB" +21.28
Beg MGS (7' WOOD POST)
(TYPE 16A LAYOUT)
Beg REMOVE GUARDRAIL

5.5' Rt "SDB"
+15.07
Beg VC (MC)
EAA (TYPE SFT)
END PET (C)

"SDB" 571+27.48 PCC

34.3' Lt "SDB"
+45.31
END MGS (7' WOOD POST)
(TYPE 16A LAYOUT)
END HMA DIKE
(TYPE F)
Beg HMA DIKE
(TYPE C)

"SDB" 577+59.98
N 2081721.76
E 6149102.56

N 66°32'22" E
102.19'
S 68°32'52" W
144.22'
31.2' Lt "SDB" +83.03
END PET (C)

+03.91 Cfm LSS

31.8' Lt "DBV" +81.41
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE C)

9.77' Rt "DBV" +54.68
Beg VC (MC)
AITS

4.0' Rt "SDB" +81.52
END PET (C)

4.3' Rt "DBV" +70.99
Beg REMOVE GUARDRAIL

4.8' Rt "DBV" +06.44
Beg MGS (7' WOOD POST) (TYPE 12AA LAYOUT)

31.3' Lt "SDB" +90.29
END HMA DIKE (TYPE E)
END REMOVE AC DIKE
Beg PET (C)

31.6' Lt "SDB" +33.97
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)

33.9' Lt "SDB" +06.77
END VC (MC)
END REMOVE GUARDRAIL
AITS

"DBV" 571+82.36
N 2081731.06
E 6149098.21

+30.23 Cfm LSS

"DBV" 572+84.55 BC
"SDB" 576+15.77 EC

Var 29 TO 39

33.9' Lt "DBV" +50.07
Beg HMA DIKE (TYPE E)
Beg REMOVE AC DIKE

33.81' Lt "DBV" +09.15
Beg VC (MC)
AITS

31.7' Lt "DBV" +56.73
Beg REMOVE GUARDRAIL

31.7' Lt "DBV" +68.45
Beg MGS (7' WOOD POST)
(TYPE 12AA LAYOUT)
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE F)

"DBV" 575+69.93 PCC

8.61' Rt "SDB" +44.85
END VC (MC)
AITS
Beg PET (C)

8.9' Rt "SDB" +35.06
END REMOVE GUARDRAIL

5.2' Rt "SDB" +92.73
END MGS (7' WOOD POST)
(TYPE 16A LAYOUT)

CONTRASTING SURFACE AREA
SEE SHEET C-82 FOR DETAILS

N 29°43'19" W
835.97'

15.77' Lt
"I-680" +00.00
ANGLE POINT

14.77' Lt
"I-680" +00.00
ANGLE POINT

Var 48' TO 56.2'

+98.95 LSS

+33.86 LSS

REMOVE DIKE

ETW

MVP

+47.18 LSS

Var 4.9' TO 9.8'

Var 6' TO 12'

Var 4.5' TO 6.2'

Var 4' TO 11'

3.6'

72.75' Lt "I-680" +21.18
END HMA DIKE (TYPE C)
Beg HMA DIKE (TYPE E)
74.92' Lt "I-680" +95.71
END VC (MC)
AITS
50.94' Lt "I-680" +99.89
ANGLE POINT
39.94' Lt "I-680" +99.79
ANGLE POINT
1.00' Rt "I-680" +79.60
END CB (TYPE 60MGF Mod C)
Beg CB (TYPE 60MGC)

72.66' Lt
"I-680" +41.63
END MGS
(7' WOOD POST)
(TYPE 16A LAYOUT)
END HMA DIKE (TYPE F)
Beg HMA DIKE (TYPE C)

"I-680" +00.00
OH SIGN
TOLL SITE No. B3

TOLL SITE No. B3
Conc PAD
(SEE Elect PLANS)

72.16' Lt "I-680" +39.78
Beg MGS (7' WOOD POST)
(TYPE 16A LAYOUT)
72.13' Lt "I-680" +33.41
Beg VC (MC)
EAA (TYPE SFT)
END HMA DIKE (TYPE E)
Beg HMA DIKE (TYPE F)
1.00' Rt "I-680" +20.75
END CB (TYPE 60MG)
Beg CB (TYPE 60MGF Mod C)

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
14	3983.00'	16°27'03"	575.76'	1143.60'	2080143.207	6146138.945
35	3000.00'	03°31'28"	92.30'	184.53'	2080131.362	6147098.870
36	900.00'	17°58'24"	142.33'	282.32'	2081091.157	6148979.457
37	386.50'	72°23'06"	282.80'	488.29'	2081414.781	6149378.142
39	750.00'	09°44'10"	63.88'	127.45'	2080753.146	6149239.013
41	145.00'	57°50'05"	80.10'	146.36'	2081016.936	6149783.476
42	150.43'	201°18'31"	-	528.52'	2081011.543	6149782.879
43	315.80'	51°46'35"	153.26'	285.38'	2082061.435	6149066.231
44	260.00'	42°13'50"	100.41'	191.64'	2082047.216	6149120.189

LAYOUT

SCALE: 1" = 50'

L-30

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:33

D:\0030U\DRAFTING\FINAL_PS&E\04200002351ea030.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea030.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	66	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

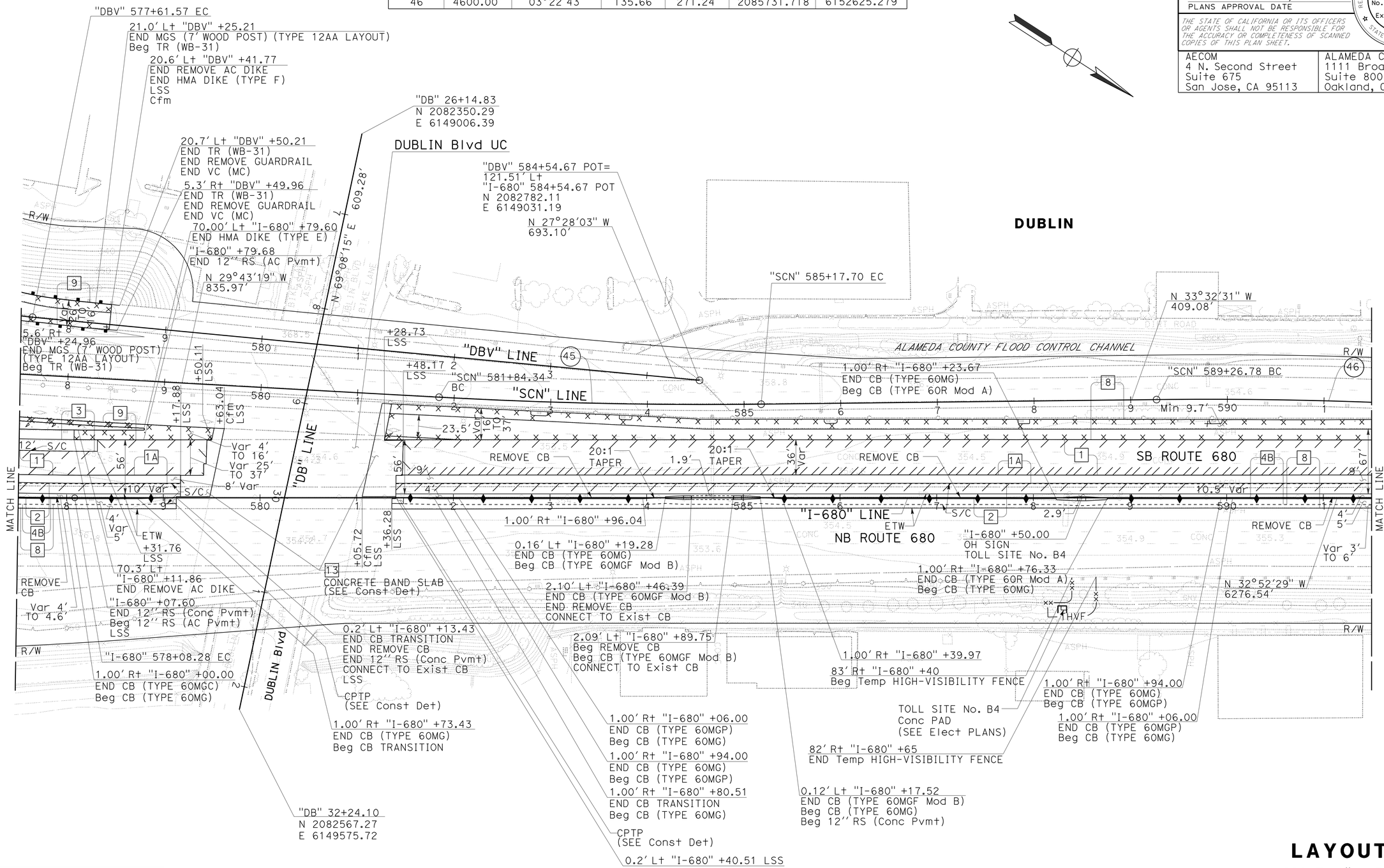
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
45	5000.00′	03°49′12"	166.74′	333.36′	2080086.302	6144849.893
46	4600.00′	03°22′43"	135.66′	271.24′	2085731.718	6152625.279



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-31

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:33 | 09-29-21

O:\0030UNDRAFTING\FINAL_PS&E\04200002351ea031.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea031.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	67	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

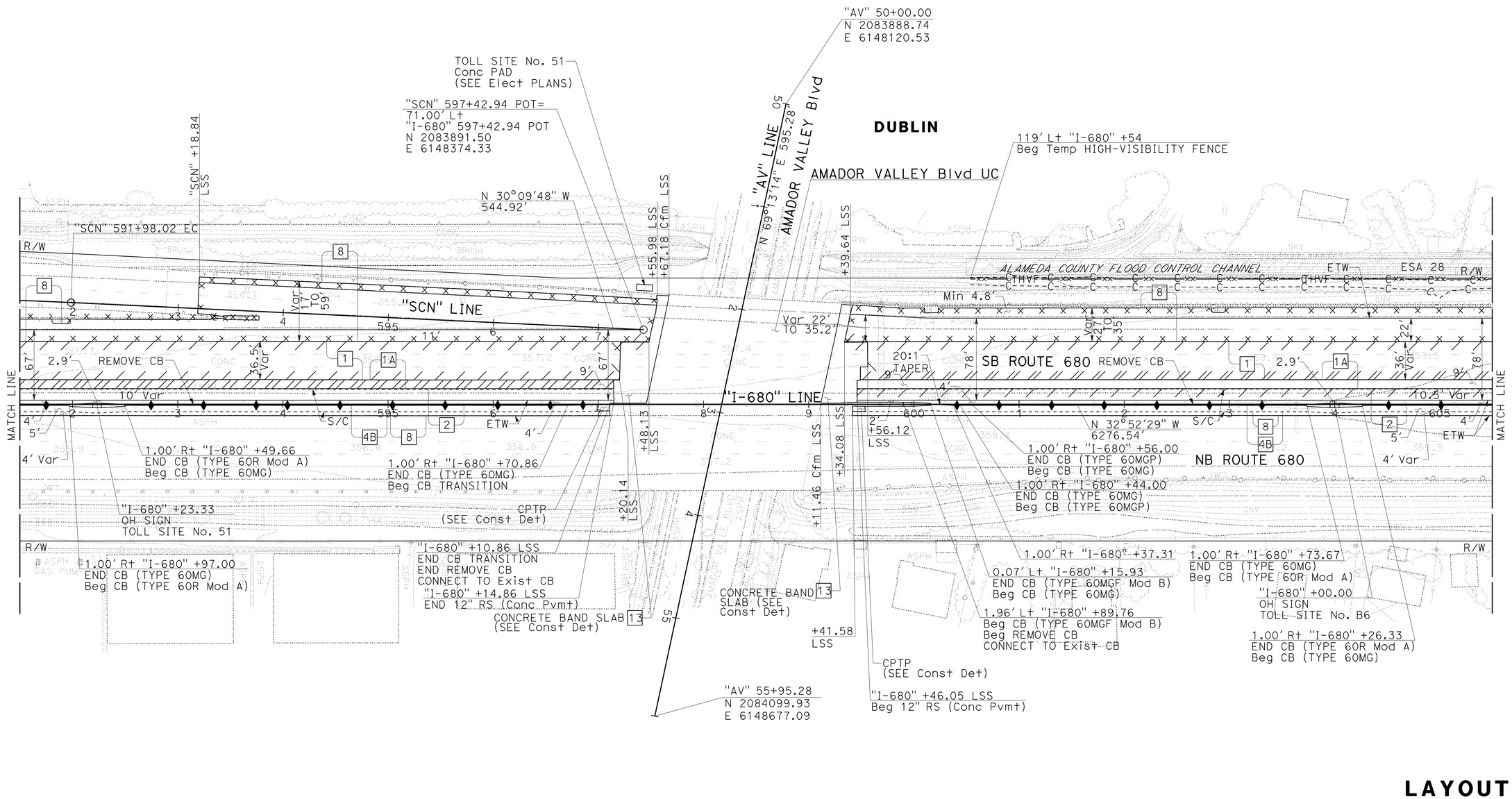
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-32

REVISED BY	DATE REVISED
BD	9-29-21

TIANHUA SUN — CALCULATED-DESIGNED BY
SHRUTI SHAH — CHECKED BY
ABHIJEET R. BHOI — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:33

0:\0030\DRAFTING\FINAL_PS&E\04200002351ea032.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 0420000235ea032.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	68	1710

ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

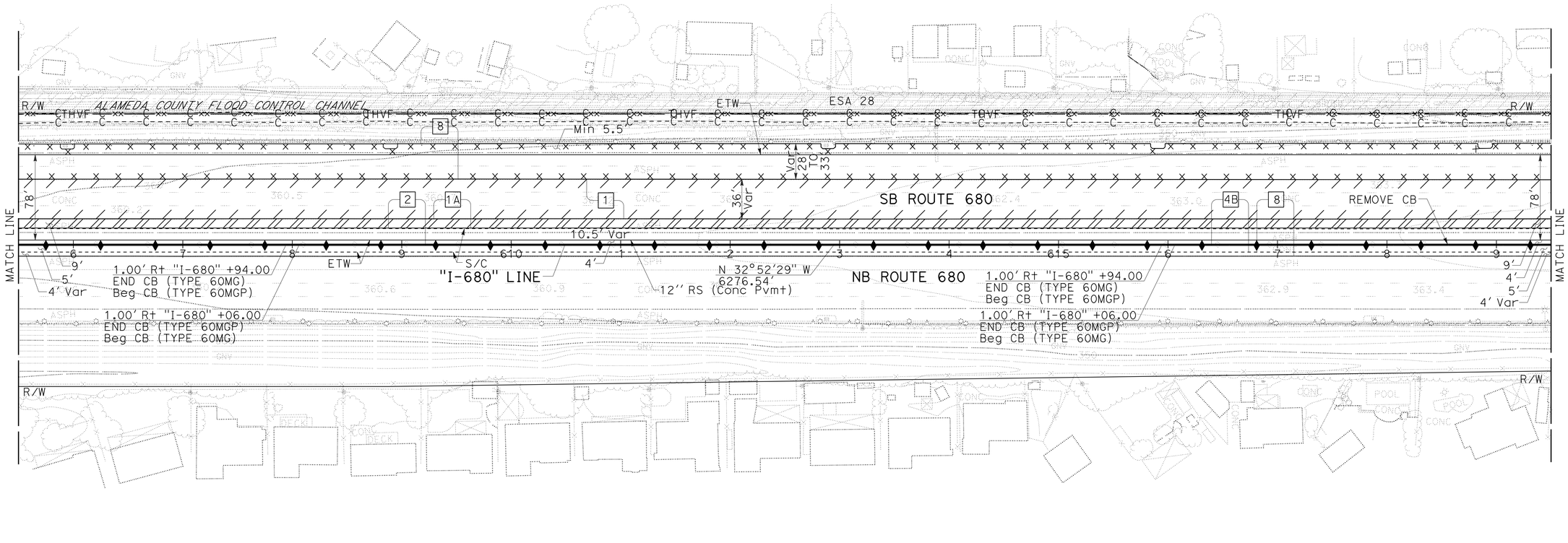
AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DUBLIN



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-33

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
SUPERVISOR: ABHIJEET R. BHOI
CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:34

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ea033.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea033.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	69	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

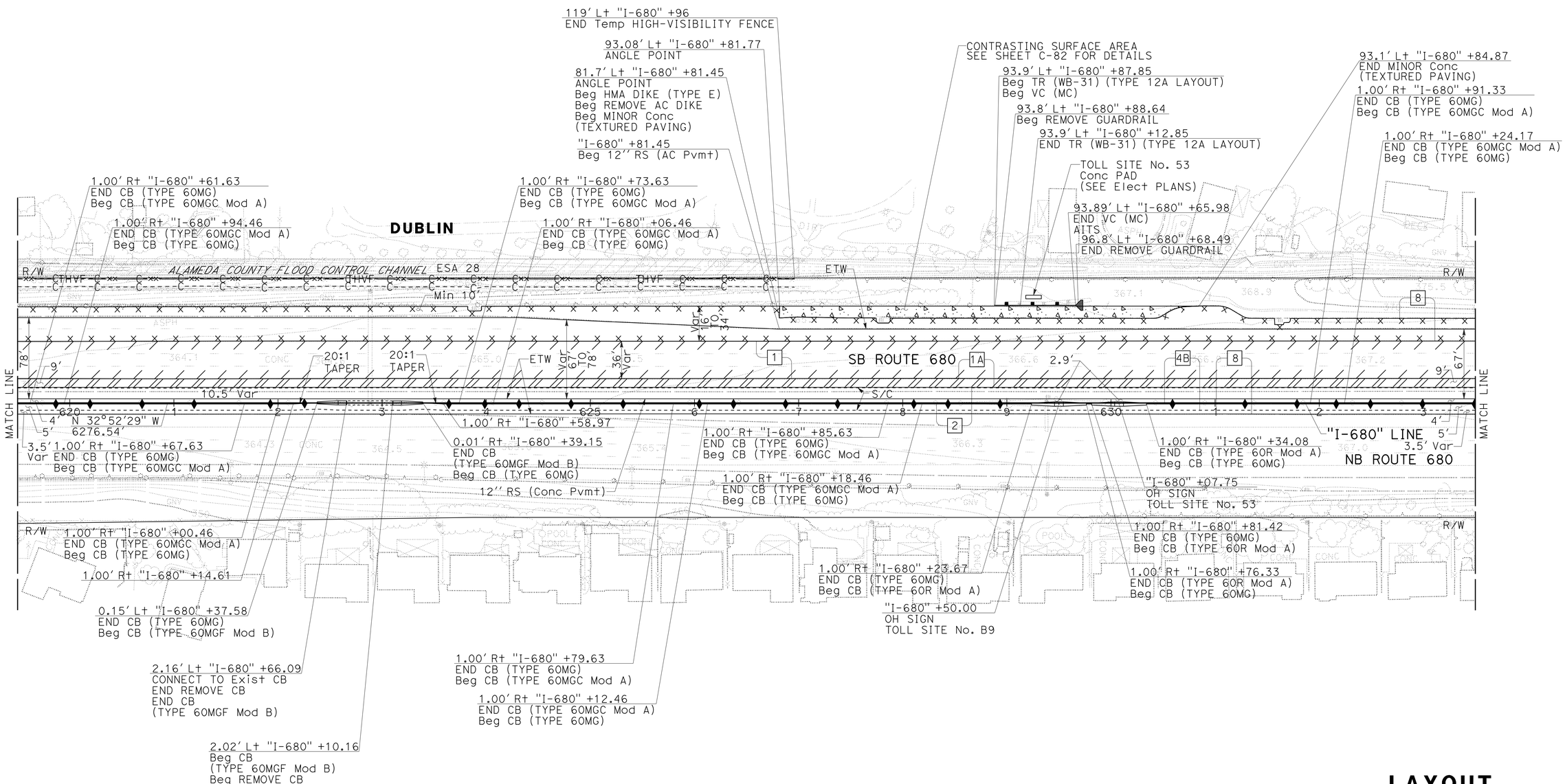
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-34

REVISED BY: BD | DATE REVISED: 9-29-21
CALCULATED-DESIGNED BY: TIANHUA SUN | CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022 | TIME PLOTTED => 14:34
09-29-21

O:\0030\UNDRAFTING\FINAL_PS&E\04200002351ea034.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea034.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	70	1710

ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

Abhijeet R. Bhoi, No. 68606, Exp. 9-30-23, CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

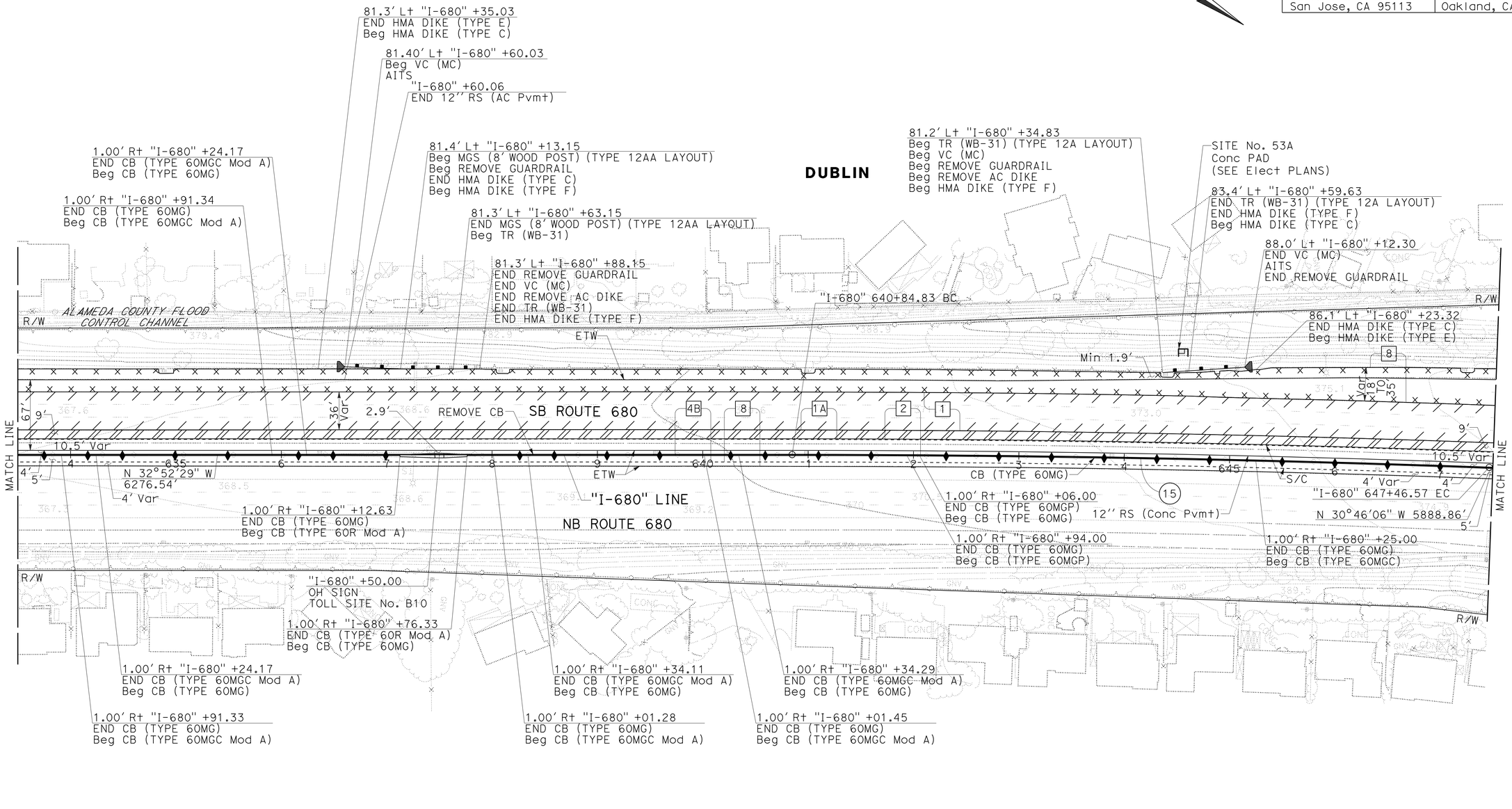
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
15	18000.00′	2°06′23"	330.91′	661.74′	2097347.078	6161194.644



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-35

REVISED BY	DATE REVISED
BD	9-29-21

TIANHUA SUN — CALCULATED-DESIGNED BY
SHRUTI SHAH — CHECKED BY
ABHIJEET R. BHOI — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION — DATE PLOTTED => 4-APR-2022
09-29-21 — TIME PLOTTED => 14:34

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea035.dgn

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No. (X)	R	△	T	L	N-COORDINATE	E-COORDINATE
47	3035.00′	03°57′14"	104.76′	209.43′	2086702.047	6142962.736
48	1145.00′	15°14′27"	153.19′	304.57′	2087911.607	6144420.007

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	71	1710

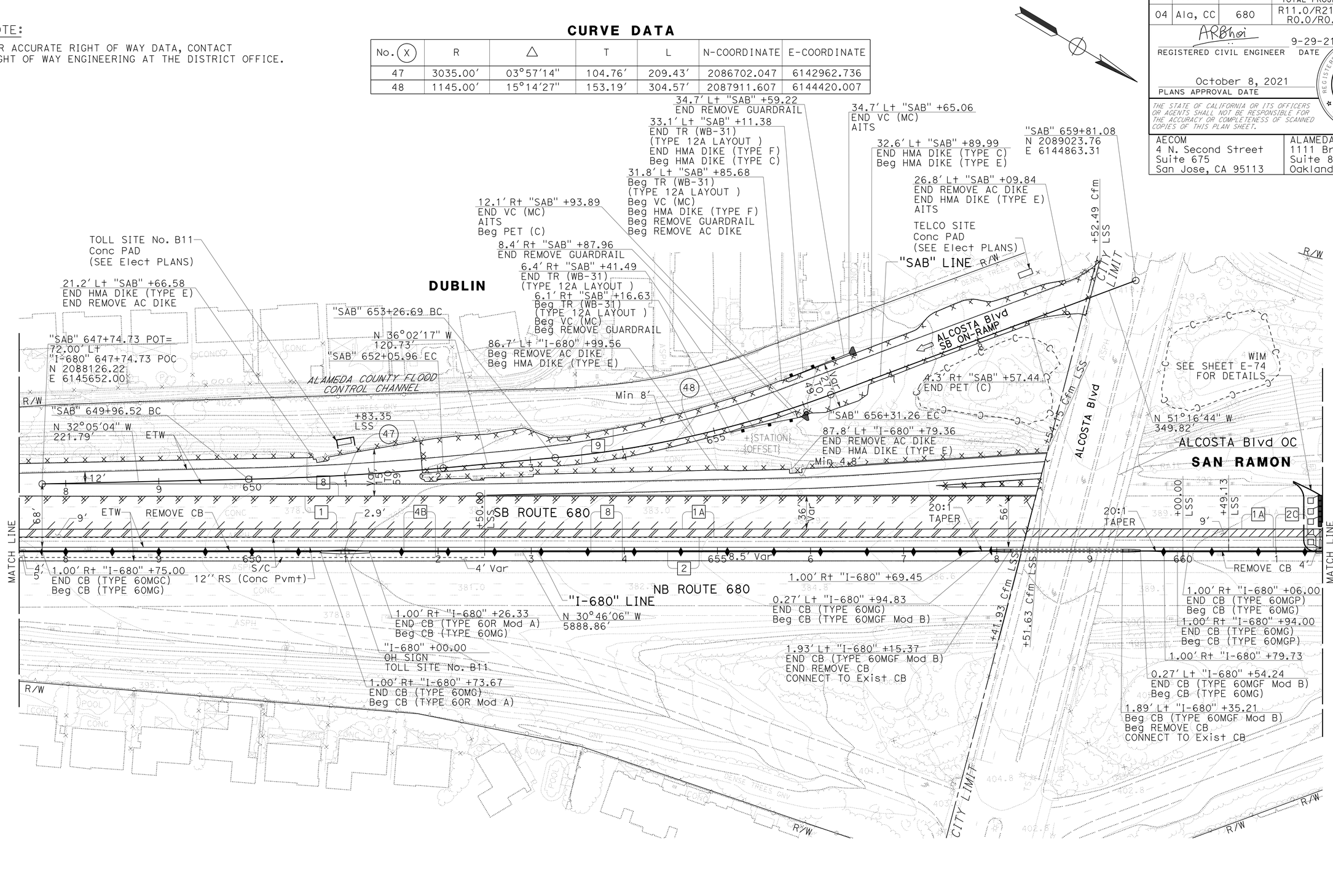
ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM 4 N. Second Street Suite 675 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50′

L-36

REVISED BY	BD			
DATE REVISED	9-29-21			
CALCULATED-DESIGNED BY	TIANHUA SUN			
CHECKED BY	SHRUTI SHAH			
CONSULTANT FUNCTIONAL SUPERVISOR	ABHIJEET R. BHOI			
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans			

LAST REVISION 09-29-21 — DATE PLOTTED => 4-APR-2022 — TIME PLOTTED => 14:34

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ea036.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ea036.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	72	1710

ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

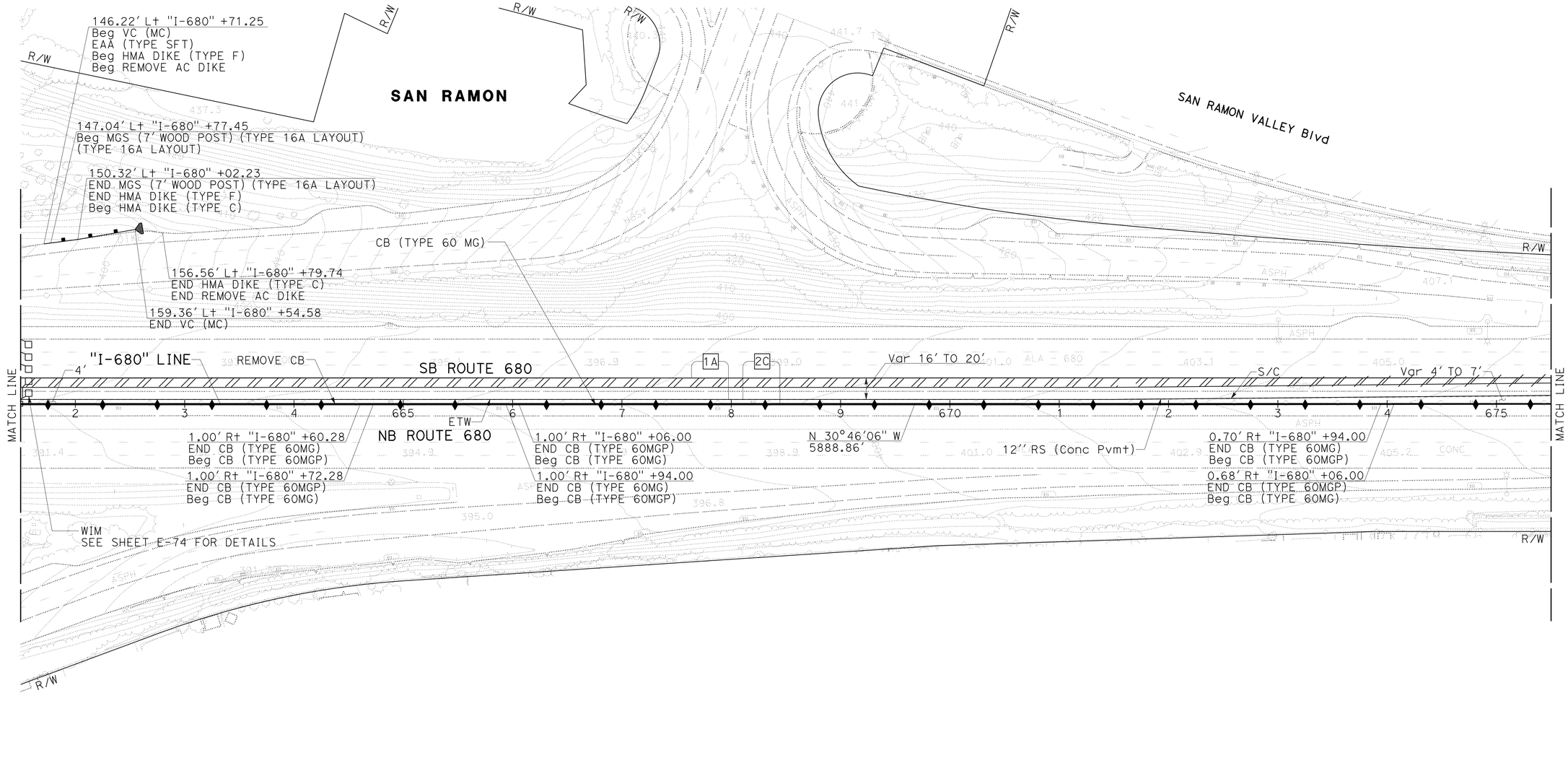
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-37

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: TIANHUA SUN
CHECKED BY: SHRUTI SHAH
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION: DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:34

O:\0030\DRAFTING\FINAL_PS&E\04200002351ea037.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ea037.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	73	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Abhijeet R. Bhoi
No. 68606
Exp. 9-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

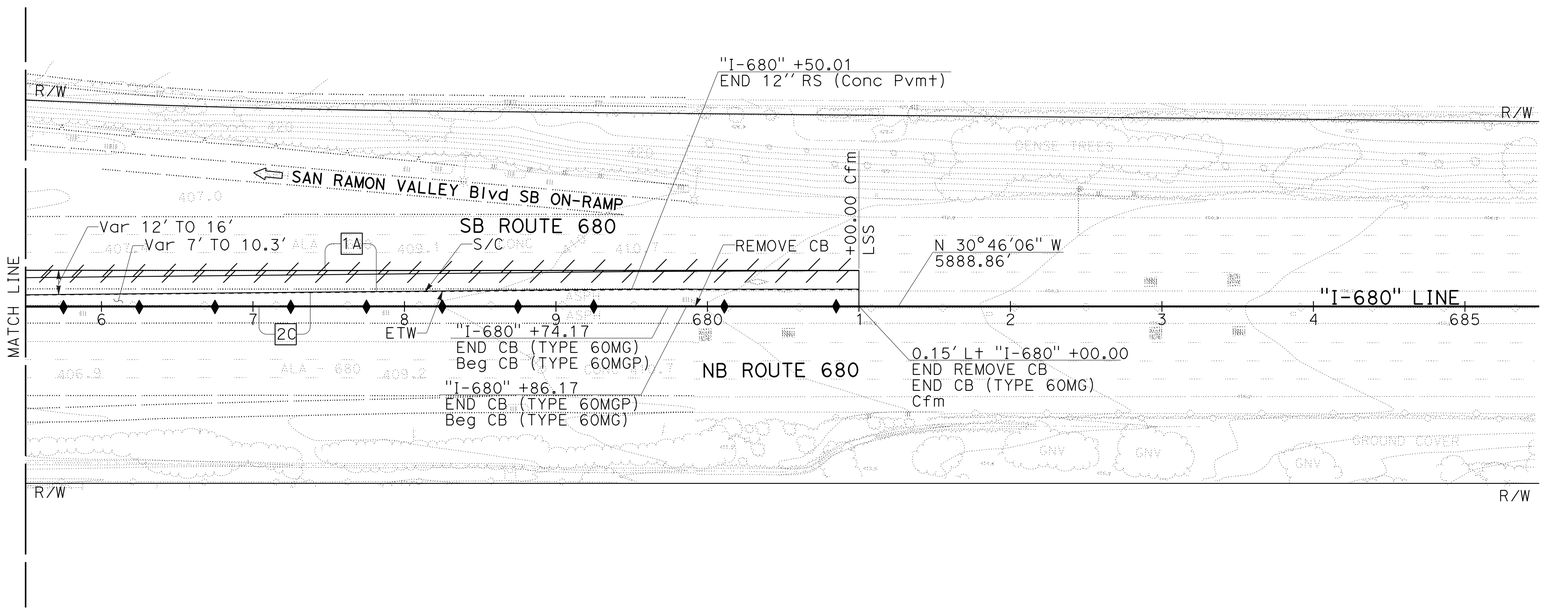
AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

SAN RAMON



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT

SCALE: 1" = 50'

L-38

REVISED BY	BD
DATE REVISED	9-29-21

TIANHUA SUN — CALCULATED-DESIGNED BY
SHRUTI SHAH — CHECKED BY
ABHIJEET R. BHOI — CONSULTANT FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:34

01\0030\DRAFTING\FINAL_PS&E\0420000235ea038.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	74	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

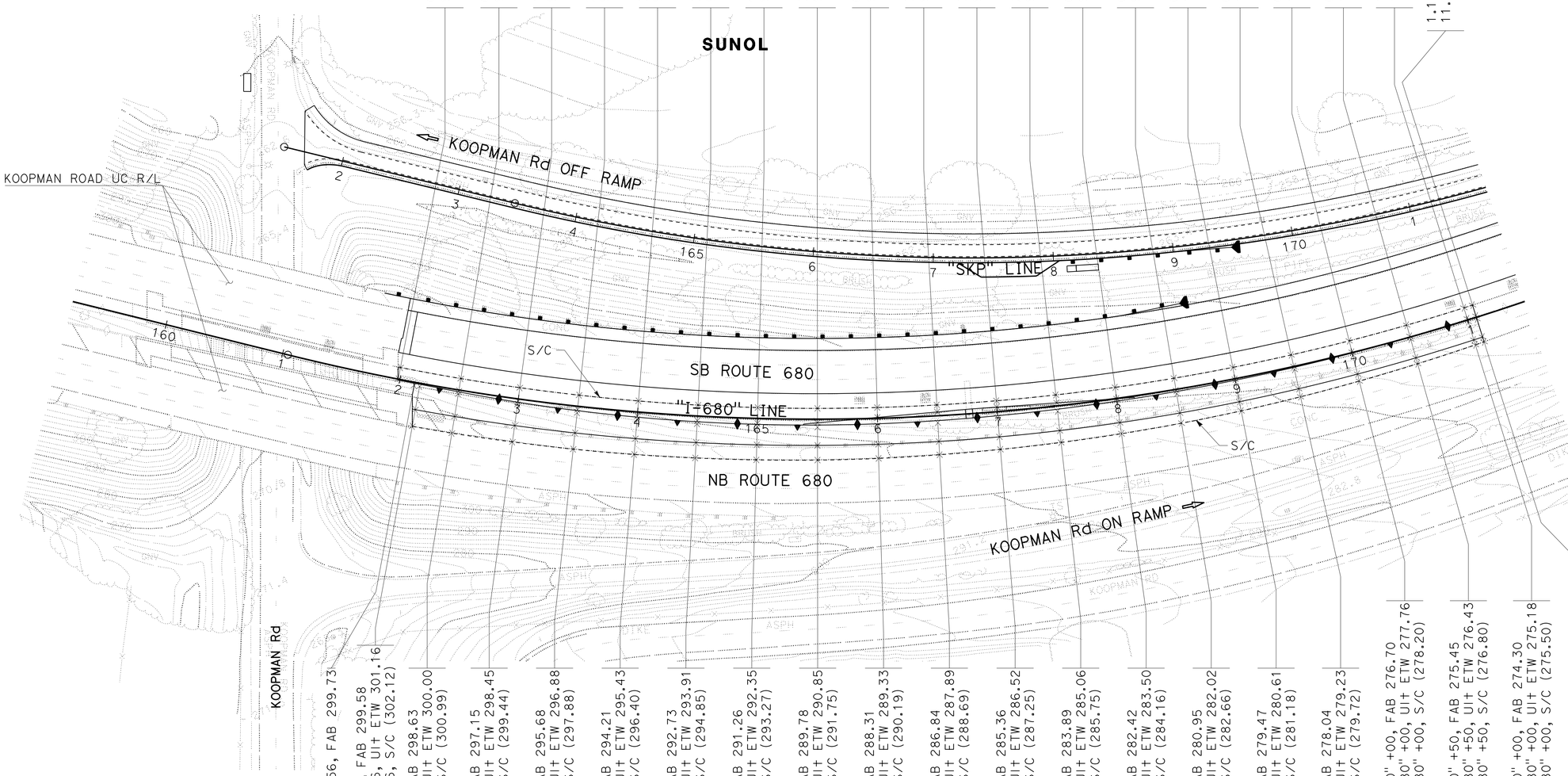
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTES:

1. PAVEMENT ELEVATIONS ARE AT 50 FEET INTERVAL ON STATION UNLESS OTHERWISE NOTED.
2. SEE SHEET C-19 FOR PAVEMENT ELEVATIONS ON RAMP.

ABBREVIATIONS:

(XX.XX) - Exist ELEVATION TO BE VERIFIED IN FIELD
GB - GRADE BREAK
FAB - FINISHED GRADE AT BARRIER



0.00′ Lt "I-680" +98.60, FAB 295.23
9.93′ Lt "I-680" +98.60, S/C 294.81

0.72′ Rt "I-680" +50, FAB 293.76
9.73′ Lt "I-680" +50, S/C 293.25

1.91′ Rt "I-680" +00, FAB 292.34
9.57′ Lt "I-680" +00, S/C 290.90

2.84′ Rt "I-680" +50, FAB 290.91
9.44′ Lt "I-680" +50, S/C 290.46

3.53′ Rt "I-680" +00, FAB 289.48
9.34′ Lt "I-680" +00, S/C 288.95

3.97′ Rt "I-680" +50, FAB 288.05
9.27′ Lt "I-680" +50, S/C 287.43

4.15′ Rt "I-680" +00, FAB 286.61
9.23′ Lt "I-680" +00, S/C 285.87

3.04′ Rt "I-680" +50, FAB 285.10
9.22′ Lt "I-680" +50, S/C 284.32

0.75′ Lt "I-680" +00, FAB 283.42
9.24′ Lt "I-680" +00, S/C 282.82

3.17′ Lt "I-680" +50, FAB 281.96
9.30′ Lt "I-680" +50, S/C 281.61

3.76′ Lt "I-680" +00, FAB 280.57
9.38′ Lt "I-680" +00, S/C 280.29

2.44′ Lt "I-680" +50, FAB 279.15
9.50′ Lt "I-680" +50, S/C 278.68

0.26′ Rt "I-680" +00, FAB 277.93
9.65′ Lt "I-680" +00, S/C 277.26

0.97′ Rt "I-680" +50, FAB 276.59
9.82′ Lt "I-680" +50, S/C 275.85

0.49′ Rt "I-680" +00, FAB 275.17
10.03′ Lt "I-680" +00, S/C 274.54

0.04′ Rt "I-680" +50, FAB 273.83
10.27′ Lt "I-680" +50, S/C 273.27

0.38′ Lt "I-680" +00, FAB 272.73
10.54′ Lt "I-680" +00, S/C 272.06

0.77′ Lt "I-680" +50, FAB 271.88
10.83′ Lt "I-680" +50, S/C 271.13

1.12′ Lt "I-680" +00, FAB 271.28
11.16′ Lt "I-680" +00, S/C 270.59

1.17′ Lt "I-680" +07.62, FAB 271.20
11.21′ Lt "I-680" +07.62, S/C 270.49

2.62′ Rt "I-680" +12.56, FAB 299.73

2.66′ Rt "I-680" +17.56, FAB 299.58
22.31′ Rt "I-680" +17.56, Ult ETW 301.16
36.39′ Rt "I-680" +17.56, S/C (302.12)

3.28′ Rt "I-680" +50, FAB 298.63
22.34′ Rt "I-680" +50, Ult ETW 300.00
36.48′ Rt "I-680" +50, S/C (300.99)

4.47′ Rt "I-680" +00, FAB 297.15
22.36′ Rt "I-680" +00, Ult ETW 298.45
36.22′ Rt "I-680" +00, S/C (299.44)

5.41′ Rt "I-680" +50, FAB 295.68
22.34′ Rt "I-680" +50, Ult ETW 296.88
36.23′ Rt "I-680" +50, S/C (297.88)

6.09′ Rt "I-680" +00, FAB 294.21
22.28′ Rt "I-680" +00, Ult ETW 295.43
35.80′ Rt "I-680" +00, S/C (296.40)

6.53′ Rt "I-680" +50, FAB 292.73
22.18′ Rt "I-680" +50, Ult ETW 293.91
35.21′ Rt "I-680" +50, S/C (294.85)

6.72′ Rt "I-680" +00, FAB 291.26
22.03′ Rt "I-680" +00, Ult ETW 292.35
34.80′ Rt "I-680" +00, S/C (293.27)

6.65′ Rt "I-680" +50, FAB 289.78
21.85′ Rt "I-680" +50, Ult ETW 290.85
34.29′ Rt "I-680" +50, S/C (291.75)

6.33′ Rt "I-680" +00, FAB 288.31
21.63′ Rt "I-680" +00, Ult ETW 289.33
33.58′ Rt "I-680" +00, S/C (290.19)

5.77′ Rt "I-680" +50, FAB 286.84
21.37′ Rt "I-680" +50, Ult ETW 287.89
32.79′ Rt "I-680" +50, S/C (288.69)

5.16′ Rt "I-680" +00, FAB 285.36
21.07′ Rt "I-680" +00, Ult ETW 286.52
31.82′ Rt "I-680" +00, S/C (287.25)

4.59′ Rt "I-680" +50, FAB 283.89
20.74′ Rt "I-680" +50, Ult ETW 285.06
30.85′ Rt "I-680" +50, S/C (285.75)

4.04′ Rt "I-680" +00, FAB 282.42
20.36′ Rt "I-680" +00, Ult ETW 283.50
29.85′ Rt "I-680" +00, S/C (284.16)

3.53′ Rt "I-680" +50, FAB 280.95
19.94′ Rt "I-680" +50, Ult ETW 282.02
28.90′ Rt "I-680" +50, S/C (282.66)

3.05′ Rt "I-680" +00, FAB 279.47
19.49′ Rt "I-680" +00, Ult ETW 280.61
27.63′ Rt "I-680" +00, S/C (281.18)

2.60′ Rt "I-680" +50, FAB 278.04
19.00′ Rt "I-680" +50, Ult ETW 279.23
26.20′ Rt "I-680" +50, S/C (279.72)

2.18′ Rt "I-680" +00, FAB 276.70
18.47′ Rt "I-680" +00, Ult ETW 277.76
24.71′ Rt "I-680" +00, S/C (278.20)

1.80′ Rt "I-680" +50, FAB 275.45
17.91′ Rt "I-680" +50, Ult ETW 276.43
23.27′ Rt "I-680" +50, S/C (276.80)

1.44′ Rt "I-680" +00, FAB 274.30
17.31′ Rt "I-680" +00, Ult ETW 275.18
21.92′ Rt "I-680" +00, S/C (275.50)

1.39′ Rt "I-680" +07.62, FAB 274.13
17.21′ Rt "I-680" +07.62, Ult ETW 274.98
21.74′ Rt "I-680" +07.62, S/C (275.29)

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-1

REVISED BY	CC
DATE REVISED	9-29-21

CALCULATED- CHARLIE CHRES
DESIGNED BY
CHECKED BY JOHN NGUYEN

CONSULTANT FUNCTIONAL SUPERVISOR TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®

LAST REVISION DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:34

01\0030\DRAFTING\FINAL_PS&E\04200002351ga001.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ga001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	75	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

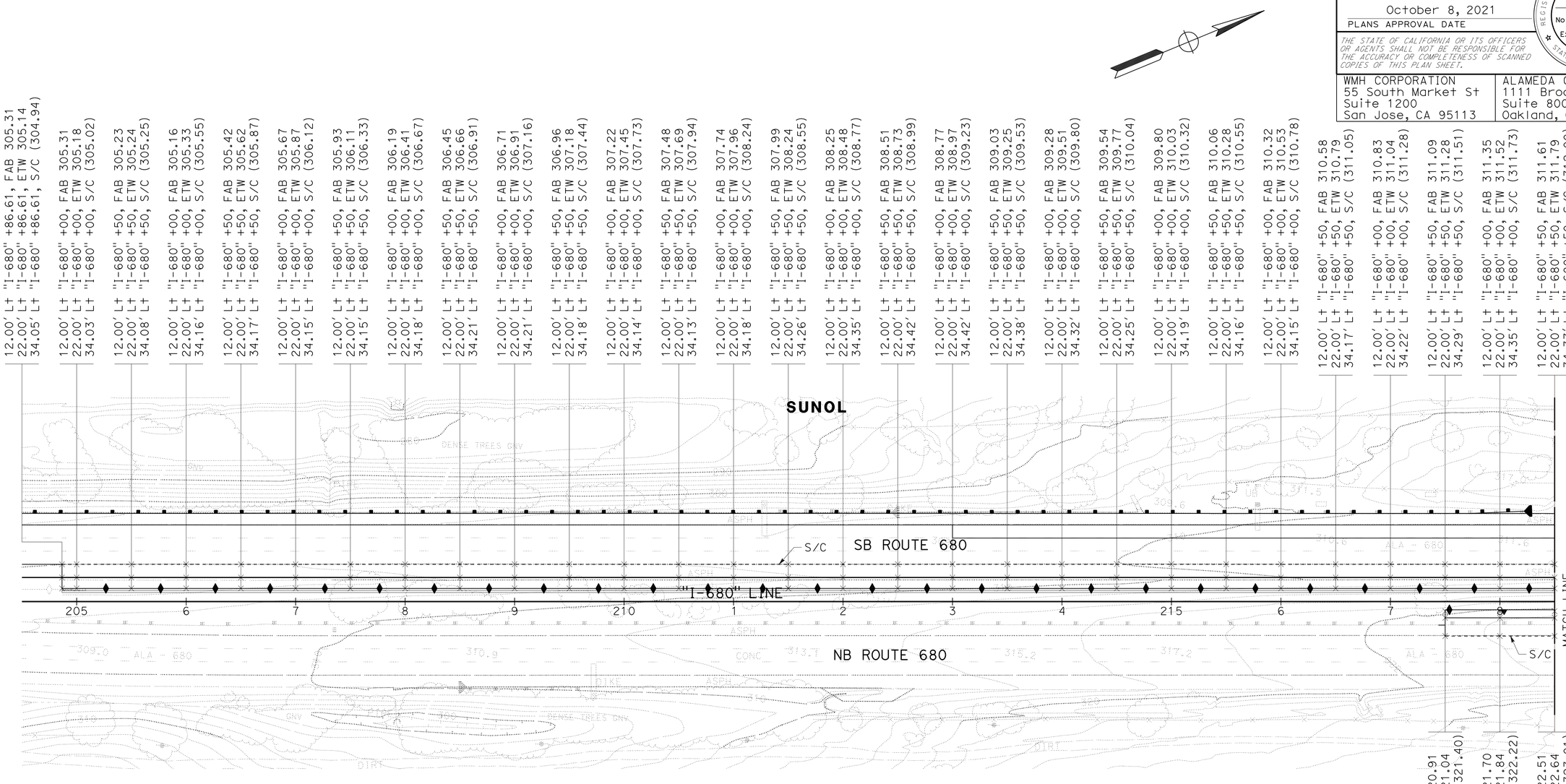
REVISED BY	CC
DATE REVISED	9-29-21

CHARLIE CHRES
JOHN NGUYEN
CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\6030\DRAFTING\FINAL_PS&E\04200002350a002.dgn



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-2

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:34

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002350a002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	76	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
CHARLIE CHRES	JOHN NGUYEN	CC	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

12.00' Lt "I-680" +50, FAB 311.61
22.00' Lt "I-680" +50, ETW 311.79
34.37' Lt "I-680" +50, S/C (312.00)

12.00' Lt "I-680" +00, FAB 311.87
22.00' Lt "I-680" +00, ETW 312.05
34.31' Lt "I-680" +00, S/C (312.27)

12.00' Lt "I-680" +50, FAB 312.12
22.00' Lt "I-680" +50, ETW 312.31
34.19' Lt "I-680" +50, S/C (312.54)

12.00' Lt "I-680" +00, FAB 312.38
22.00' Lt "I-680" +00, ETW 312.58
34.10' Lt "I-680" +00, S/C (312.81)

12.00' Lt "I-680" +50, FAB 312.64
22.00' Lt "I-680" +50, ETW 312.82
34.27' Lt "I-680" +50, S/C (313.03)

12.00' Lt "I-680" +00, FAB 312.90
22.00' Lt "I-680" +00, ETW 313.06
34.57' Lt "I-680" +00, S/C (313.26)

12.00' Lt "I-680" +50, FAB 313.16
22.00' Lt "I-680" +50, ETW 313.30
34.61' Lt "I-680" +50, S/C (313.48)

12.00' Lt "I-680" +00, FAB 313.47
22.00' Lt "I-680" +00, ETW 313.64
34.43' Lt "I-680" +00, S/C (313.86)

12.00' Lt "I-680" +50, FAB 313.88
22.00' Lt "I-680" +50, ETW 314.07
34.24' Lt "I-680" +50, S/C (314.30)

12.00' Lt "I-680" +00, FAB 314.39
22.00' Lt "I-680" +00, ETW 314.58
34.20' Lt "I-680" +00, S/C (314.82)

12.00' Lt "I-680" +50, FAB 315.00
22.00' Lt "I-680" +50, ETW 315.18
34.19' Lt "I-680" +50, S/C (315.40)

12.00' Lt "I-680" +00, FAB 315.71
22.00' Lt "I-680" +00, ETW 315.90
34.12' Lt "I-680" +00, S/C (316.12)

12.00' Lt "I-680" +50, FAB 316.53
22.00' Lt "I-680" +50, ETW 316.72
34.07' Lt "I-680" +50, S/C (316.94)

12.00' Lt "I-680" +00, FAB 317.44
22.00' Lt "I-680" +00, ETW 317.70
34.05' Lt "I-680" +00, S/C (318.00)

12.00' Lt "I-680" +50, FAB 318.46
22.00' Lt "I-680" +50, ETW 318.65
34.08' Lt "I-680" +50, S/C (318.87)

12.00' Lt "I-680" +00, FAB 319.58
22.00' Lt "I-680" +00, ETW 319.81
34.13' Lt "I-680" +00, S/C (320.10)

12.00' Lt "I-680" +50, FAB 320.80
22.00' Lt "I-680" +50, ETW 321.05
34.18' Lt "I-680" +50, S/C (321.36)

12.00' Lt "I-680" +00, FAB 322.12
22.00' Lt "I-680" +00, ETW 322.33
34.20' Lt "I-680" +00, S/C (322.59)

12.00' Lt "I-680" +50, FAB 323.54
22.00' Lt "I-680" +50, ETW 323.76
34.16' Lt "I-680" +50, S/C (324.03)

12.00' Lt "I-680" +00, FAB 325.04
22.00' Lt "I-680" +00, ETW 325.24
34.04' Lt "I-680" +00, S/C (325.48)

12.00' Lt "I-680" +50, FAB 326.55
22.00' Lt "I-680" +50, ETW 326.78
33.91' Lt "I-680" +50, S/C (327.06)

12.00' Lt "I-680" +00, FAB 328.06
22.00' Lt "I-680" +00, ETW 328.30
33.83' Lt "I-680" +00, S/C (328.58)

12.00' Lt "I-680" +50, FAB 329.57
22.00' Lt "I-680" +50, ETW 329.75
33.87' Lt "I-680" +50, S/C (329.97)

12.00' Lt "I-680" +00, FAB 331.08
22.00' Lt "I-680" +00, ETW 331.25
33.99' Lt "I-680" +00, S/C (331.45)

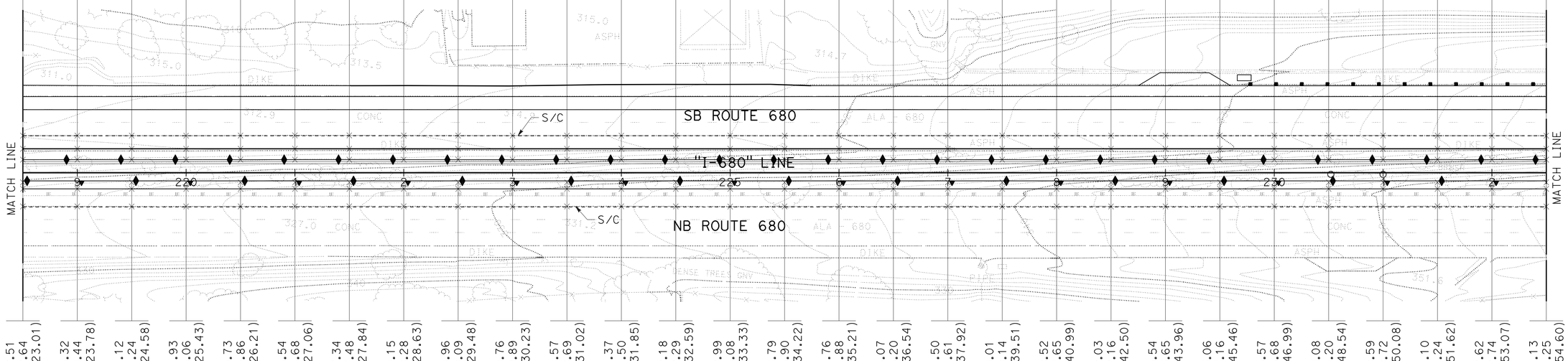
12.00' Lt "I-680" +50, FAB 332.59
22.00' Lt "I-680" +50, ETW 332.77
34.12' Lt "I-680" +50, S/C (333.00)

12.00' Lt "I-680" +00, FAB 334.10
22.00' Lt "I-680" +00, ETW 334.31
34.20' Lt "I-680" +00, S/C (334.56)

12.00' Lt "I-680" +50, FAB 335.61
22.00' Lt "I-680" +50, ETW 335.82
34.15' Lt "I-680" +50, S/C (336.08)

12.00' Lt "I-680" +00, FAB 337.12
22.00' Lt "I-680" +00, ETW 337.34
34.01' Lt "I-680" +00, S/C (337.61)

12.00' Lt "I-680" +50, FAB 338.63
22.00' Lt "I-680" +50, ETW 338.85
33.92' Lt "I-680" +50, S/C (339.12)



8.83' Rt "I-680" +50, FAB 322.51
14.83' Rt "I-680" +50, EP 322.64
31.45' Rt "I-680" +50, S/C (323.01)

8.83' Rt "I-680" +00, FAB 323.32
14.83' Rt "I-680" +00, EP 323.44
31.44' Rt "I-680" +00, S/C (323.78)

8.83' Rt "I-680" +50, FAB 324.12
14.83' Rt "I-680" +50, EP 324.24
31.43' Rt "I-680" +50, S/C (324.58)

8.83' Rt "I-680" +00, FAB 324.93
14.83' Rt "I-680" +00, EP 325.06
31.40' Rt "I-680" +00, S/C (325.43)

8.83' Rt "I-680" +50, FAB 325.73
14.83' Rt "I-680" +50, EP 325.86
31.33' Rt "I-680" +50, S/C (326.21)

8.83' Rt "I-680" +00, FAB 326.54
14.83' Rt "I-680" +00, EP 326.68
31.26' Rt "I-680" +00, S/C (327.06)

8.83' Rt "I-680" +50, FAB 327.34
14.83' Rt "I-680" +50, EP 327.48
31.33' Rt "I-680" +50, S/C (327.84)

8.83' Rt "I-680" +00, FAB 328.15
14.83' Rt "I-680" +00, EP 328.28
31.41' Rt "I-680" +00, S/C (328.63)

8.83' Rt "I-680" +50, FAB 328.96
14.83' Rt "I-680" +50, EP 329.09
31.43' Rt "I-680" +50, S/C (329.48)

8.83' Rt "I-680" +00, FAB 329.76
14.83' Rt "I-680" +00, EP 329.89
31.41' Rt "I-680" +00, S/C (330.23)

8.83' Rt "I-680" +50, FAB 330.57
14.83' Rt "I-680" +50, EP 330.69
31.41' Rt "I-680" +50, S/C (331.02)

8.83' Rt "I-680" +00, FAB 331.37
14.83' Rt "I-680" +00, EP 331.50
31.45' Rt "I-680" +00, S/C (331.85)

8.83' Rt "I-680" +50, FAB 332.18
14.83' Rt "I-680" +50, EP 332.29
31.50' Rt "I-680" +50, S/C (332.59)

8.83' Rt "I-680" +00, FAB 332.99
14.83' Rt "I-680" +00, EP 333.08
31.54' Rt "I-680" +00, S/C (333.33)

8.83' Rt "I-680" +50, FAB 333.79
14.83' Rt "I-680" +50, EP 333.90
31.55' Rt "I-680" +50, S/C (334.22)

8.83' Rt "I-680" +00, FAB 334.76
14.83' Rt "I-680" +00, EP 334.88
31.52' Rt "I-680" +00, S/C (335.21)

8.83' Rt "I-680" +50, FAB 336.07
14.83' Rt "I-680" +50, EP 336.20
31.48' Rt "I-680" +50, S/C (336.54)

8.83' Rt "I-680" +00, FAB 337.50
14.83' Rt "I-680" +00, EP 337.61
31.44' Rt "I-680" +00, S/C (337.92)

8.83' Rt "I-680" +50, FAB 339.01
14.83' Rt "I-680" +50, EP 339.14
31.43' Rt "I-680" +50, S/C (339.51)

8.83' Rt "I-680" +00, FAB 340.52
14.83' Rt "I-680" +00, EP 340.65
31.44' Rt "I-680" +00, S/C (340.99)

8.83' Rt "I-680" +50, FAB 342.03
14.83' Rt "I-680" +50, EP 342.16
31.45' Rt "I-680" +50, S/C (342.50)

8.83' Rt "I-680" +00, FAB 343.54
14.83' Rt "I-680" +00, EP 343.65
31.43' Rt "I-680" +00, S/C (343.96)

8.83' Rt "I-680" +50, FAB 345.06
14.83' Rt "I-680" +50, EP 345.16
31.40' Rt "I-680" +50, S/C (345.46)

8.83' Rt "I-680" +00, FAB 346.57
14.83' Rt "I-680" +00, EP 346.68
31.36' Rt "I-680" +00, S/C (346.99)

8.83' Rt "I-680" +50, FAB 348.08
14.83' Rt "I-680" +50, EP 348.20
31.34' Rt "I-680" +50, S/C (348.54)

8.83' Rt "I-680" +00, FAB 349.59
14.83' Rt "I-680" +00, EP 349.72
31.35' Rt "I-680" +00, S/C (350.08)

8.83' Rt "I-680" +50, FAB 351.10
14.83' Rt "I-680" +50, EP 351.24
31.37' Rt "I-680" +50, S/C (351.62)

8.83' Rt "I-680" +00, FAB 352.62
14.83' Rt "I-680" +00, EP 352.74
31.40' Rt "I-680" +00, S/C (353.07)

8.83' Rt "I-680" +50, FAB 354.13
14.83' Rt "I-680" +50, EP 354.25
31.41' Rt "I-680" +50, S/C (354.60)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-3

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:34

D:\0030\DRAFTING\FINAL_PS&E\0420000235ga003.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	77	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

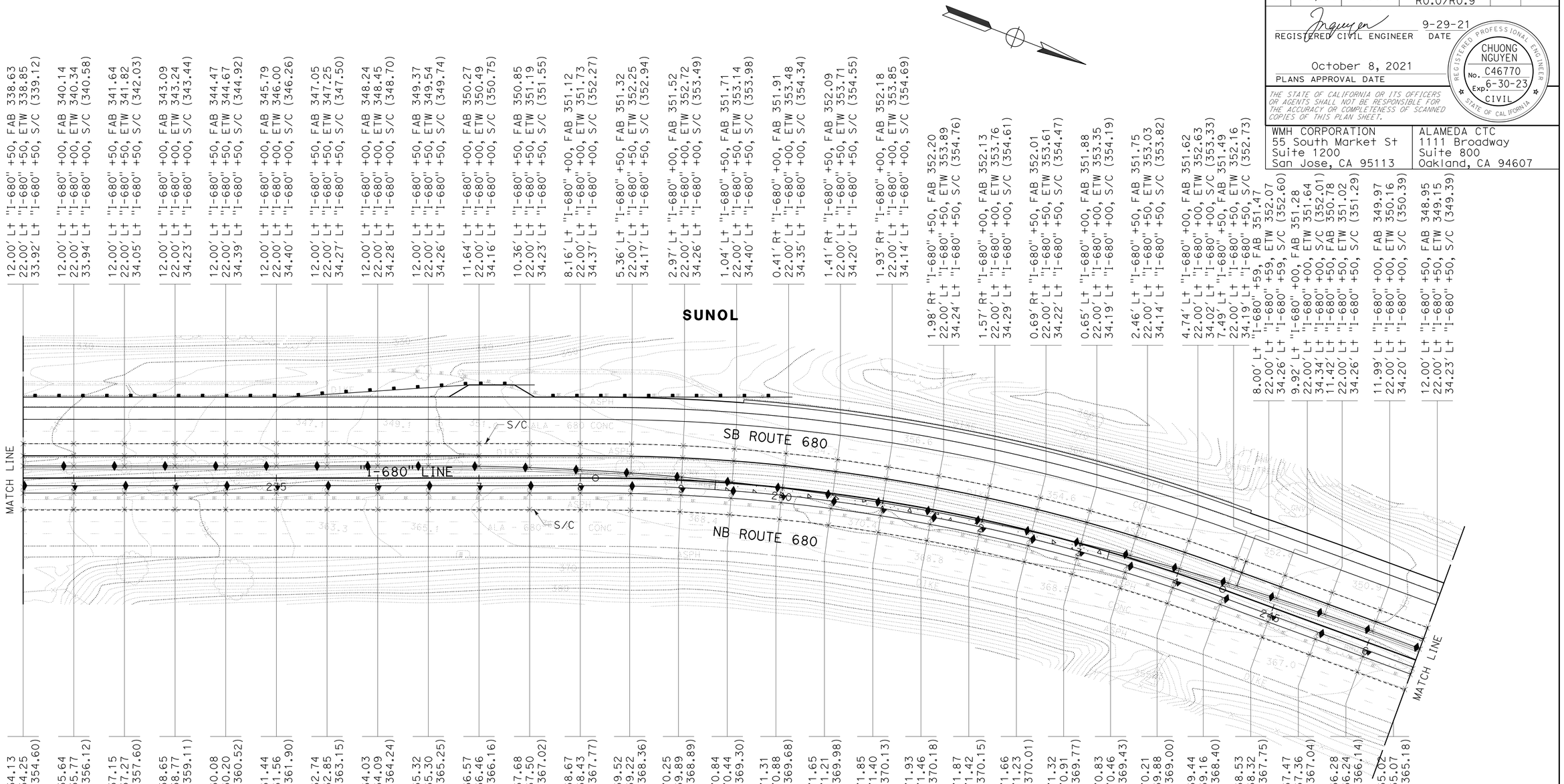
REVISED BY	CC
DATE REVISED	9-29-21

CALCULATED-DESIGNED BY	CHARLIE CHRES
CHECKED BY	JOHN NGUYEN

CONSULTANT FUNCTIONAL SUPERVISOR — TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\6030\DRAFTING\FINAL_PS&E\04200002351ga004.dgn



12.00' Lt "I-680" +50, FAB 338.63
22.00' Lt "I-680" +50, ETW 338.85
33.92' Lt "I-680" +50, S/C (339.12)

12.00' Lt "I-680" +00, FAB 340.14
22.00' Lt "I-680" +00, ETW 340.34
33.94' Lt "I-680" +00, S/C (340.58)

12.00' Lt "I-680" +50, FAB 341.64
22.00' Lt "I-680" +50, ETW 341.82
34.05' Lt "I-680" +50, S/C (342.03)

12.00' Lt "I-680" +00, FAB 343.09
22.00' Lt "I-680" +00, ETW 343.24
34.23' Lt "I-680" +00, S/C (343.44)

12.00' Lt "I-680" +50, FAB 344.47
22.00' Lt "I-680" +50, ETW 344.67
34.39' Lt "I-680" +50, S/C (344.92)

12.00' Lt "I-680" +00, FAB 345.79
22.00' Lt "I-680" +00, ETW 346.00
34.40' Lt "I-680" +00, S/C (346.26)

12.00' Lt "I-680" +50, FAB 347.05
22.00' Lt "I-680" +50, ETW 347.25
34.27' Lt "I-680" +50, S/C (347.50)

12.00' Lt "I-680" +00, FAB 348.24
22.00' Lt "I-680" +00, ETW 348.45
34.28' Lt "I-680" +00, S/C (348.70)

12.00' Lt "I-680" +50, FAB 349.37
22.00' Lt "I-680" +50, ETW 349.54
34.26' Lt "I-680" +50, S/C (349.74)

11.64' Lt "I-680" +00, FAB 350.27
22.00' Lt "I-680" +00, ETW 350.49
34.16' Lt "I-680" +00, S/C (350.75)

10.36' Lt "I-680" +50, FAB 350.85
22.00' Lt "I-680" +50, ETW 351.19
34.23' Lt "I-680" +50, S/C (351.55)

8.16' Lt "I-680" +00, FAB 351.12
22.00' Lt "I-680" +00, ETW 351.73
34.37' Lt "I-680" +00, S/C (352.27)

5.36' Lt "I-680" +50, FAB 351.32
22.00' Lt "I-680" +50, ETW 352.25
34.17' Lt "I-680" +50, S/C (352.94)

2.97' Lt "I-680" +00, FAB 351.52
22.00' Lt "I-680" +00, ETW 352.72
34.26' Lt "I-680" +00, S/C (353.49)

1.04' Lt "I-680" +50, FAB 351.71
22.00' Lt "I-680" +50, ETW 353.14
34.40' Lt "I-680" +50, S/C (353.98)

0.41' Rt "I-680" +00, FAB 351.91
22.00' Lt "I-680" +00, ETW 353.48
34.35' Lt "I-680" +00, S/C (354.34)

1.41' Rt "I-680" +50, FAB 352.09
22.00' Lt "I-680" +50, ETW 353.71
34.20' Lt "I-680" +50, S/C (354.55)

1.93' Rt "I-680" +00, FAB 352.18
22.00' Lt "I-680" +00, ETW 353.85
34.14' Lt "I-680" +00, S/C (354.69)

1.98' Rt "I-680" +50, FAB 352.20
22.00' Lt "I-680" +50, ETW 353.89
34.24' Lt "I-680" +50, S/C (354.76)

1.57' Rt "I-680" +00, FAB 352.13
22.00' Lt "I-680" +00, ETW 353.76
34.29' Lt "I-680" +00, S/C (354.61)

0.69' Rt "I-680" +50, FAB 352.01
22.00' Lt "I-680" +50, ETW 353.61
34.22' Lt "I-680" +50, S/C (354.47)

0.65' Lt "I-680" +00, FAB 351.88
22.00' Lt "I-680" +00, ETW 353.35
34.19' Lt "I-680" +00, S/C (354.19)

2.46' Lt "I-680" +50, FAB 351.75
22.00' Lt "I-680" +50, ETW 353.03
34.14' Lt "I-680" +50, S/C (353.82)

4.74' Lt "I-680" +00, FAB 351.62
22.00' Lt "I-680" +00, ETW 352.63
34.02' Lt "I-680" +00, S/C (353.33)
7.49' Lt "I-680" +50, FAB 351.49
22.00' Lt "I-680" +50, ETW 352.16
34.19' Lt "I-680" +50, S/C (352.73)

8.00' Lt "I-680" +59, FAB 351.47
22.00' Lt "I-680" +59, ETW 352.07
34.26' Lt "I-680" +59, S/C (352.60)

9.92' Lt "I-680" +00, FAB 351.28
22.00' Lt "I-680" +00, ETW 351.64
34.34' Lt "I-680" +00, S/C (352.01)
11.42' Lt "I-680" +50, FAB 350.78
22.00' Lt "I-680" +50, ETW 351.02
34.26' Lt "I-680" +50, S/C (351.29)

11.99' Lt "I-680" +00, FAB 349.97
22.00' Lt "I-680" +00, ETW 350.16
34.20' Lt "I-680" +00, S/C (350.39)

12.00' Lt "I-680" +50, FAB 348.95
22.00' Lt "I-680" +50, ETW 349.15
34.23' Lt "I-680" +50, S/C (349.39)

8.83' Rt "I-680" +50, FAB 354.13
14.83' Rt "I-680" +50, EP 354.25
31.41' Rt "I-680" +50, S/C (354.60)

8.83' Rt "I-680" +00, FAB 355.64
14.83' Rt "I-680" +00, EP 355.77
31.38' Rt "I-680" +00, S/C (356.12)

8.83' Rt "I-680" +50, FAB 357.15
14.83' Rt "I-680" +50, EP 357.27
31.34' Rt "I-680" +50, S/C (357.60)

8.83' Rt "I-680" +00, FAB 358.65
14.83' Rt "I-680" +00, EP 358.77
31.28' Rt "I-680" +00, S/C (359.11)

8.83' Rt "I-680" +50, FAB 360.08
14.83' Rt "I-680" +50, EP 360.20
31.24' Rt "I-680" +50, S/C (360.52)

8.83' Rt "I-680" +00, FAB 361.44
14.83' Rt "I-680" +00, EP 361.56
31.30' Rt "I-680" +00, S/C (361.90)

8.83' Rt "I-680" +50, FAB 362.74
14.83' Rt "I-680" +50, EP 362.85
31.28' Rt "I-680" +50, S/C (363.15)

8.83' Rt "I-680" +00, FAB 364.03
14.83' Rt "I-680" +00, EP 364.09
31.23' Rt "I-680" +00, S/C (364.24)

8.83' Rt "I-680" +50, FAB 365.32
14.83' Rt "I-680" +50, EP 365.30
31.28' Rt "I-680" +50, S/C (365.25)

8.83' Rt "I-680" +00, FAB 366.57
14.83' Rt "I-680" +00, EP 366.46
31.35' Rt "I-680" +00, S/C (366.16)

8.83' Rt "I-680" +50, FAB 367.68
14.83' Rt "I-680" +50, EP 367.50
31.37' Rt "I-680" +50, S/C (367.02)

8.83' Rt "I-680" +00, FAB 368.67
14.83' Rt "I-680" +00, EP 368.43
31.39' Rt "I-680" +00, S/C (367.77)

8.83' Rt "I-680" +50, FAB 369.52
14.83' Rt "I-680" +50, EP 369.22
31.60' Rt "I-680" +50, S/C (368.36)

8.83' Rt "I-680" +00, FAB 370.25
14.83' Rt "I-680" +00, EP 369.89
31.61' Rt "I-680" +00, S/C (368.89)

8.83' Rt "I-680" +50, FAB 370.84
14.83' Rt "I-680" +50, EP 370.44
31.56' Rt "I-680" +50, S/C (369.30)

8.83' Rt "I-680" +00, FAB 371.31
14.83' Rt "I-680" +00, EP 370.88
31.57' Rt "I-680" +00, S/C (369.68)

8.83' Rt "I-680" +50, FAB 371.65
14.83' Rt "I-680" +50, EP 371.21
31.62' Rt "I-680" +50, S/C (369.98)

8.83' Rt "I-680" +00, FAB 371.85
14.83' Rt "I-680" +00, EP 371.40
31.51' Rt "I-680" +00, S/C (370.13)

8.83' Rt "I-680" +50, FAB 371.93
14.83' Rt "I-680" +50, EP 371.46
31.39' Rt "I-680" +50, S/C (370.18)

8.83' Rt "I-680" +00, FAB 371.87
14.83' Rt "I-680" +00, EP 371.42
31.60' Rt "I-680" +00, S/C (370.15)

8.83' Rt "I-680" +50, FAB 371.66
14.83' Rt "I-680" +50, EP 371.23
31.68' Rt "I-680" +50, S/C (370.01)

8.83' Rt "I-680" +00, FAB 371.32
14.83' Rt "I-680" +00, EP 370.91
31.38' Rt "I-680" +00, S/C (369.77)

8.83' Rt "I-680" +50, FAB 370.83
14.83' Rt "I-680" +50, EP 370.46
31.21' Rt "I-680" +50, S/C (369.43)

8.83' Rt "I-680" +00, FAB 370.21
14.83' Rt "I-680" +00, EP 369.88
31.29' Rt "I-680" +00, S/C (369.00)

8.83' Rt "I-680" +50, FAB 369.44
14.83' Rt "I-680" +50, EP 369.16
31.20' Rt "I-680" +50, S/C (368.40)

8.83' Rt "I-680" +00, FAB 368.53
14.83' Rt "I-680" +00, EP 368.32
31.06' Rt "I-680" +00, S/C (367.75)

8.83' Rt "I-680" +50, FAB 367.47
14.83' Rt "I-680" +50, EP 367.36
31.11' Rt "I-680" +50, S/C (367.04)

8.83' Rt "I-680" +00, FAB 366.28
14.83' Rt "I-680" +00, EP 366.24
31.16' Rt "I-680" +00, S/C (366.14)

8.83' Rt "I-680" +50, FAB 365.02
14.83' Rt "I-680" +50, EP 365.07
31.17' Rt "I-680" +50, S/C (365.18)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-4

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

BORDER LAST REVISED 7/2/2010

USERNAME => p302438
DGN FILE => 04200002351ga004.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0733

PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	78	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

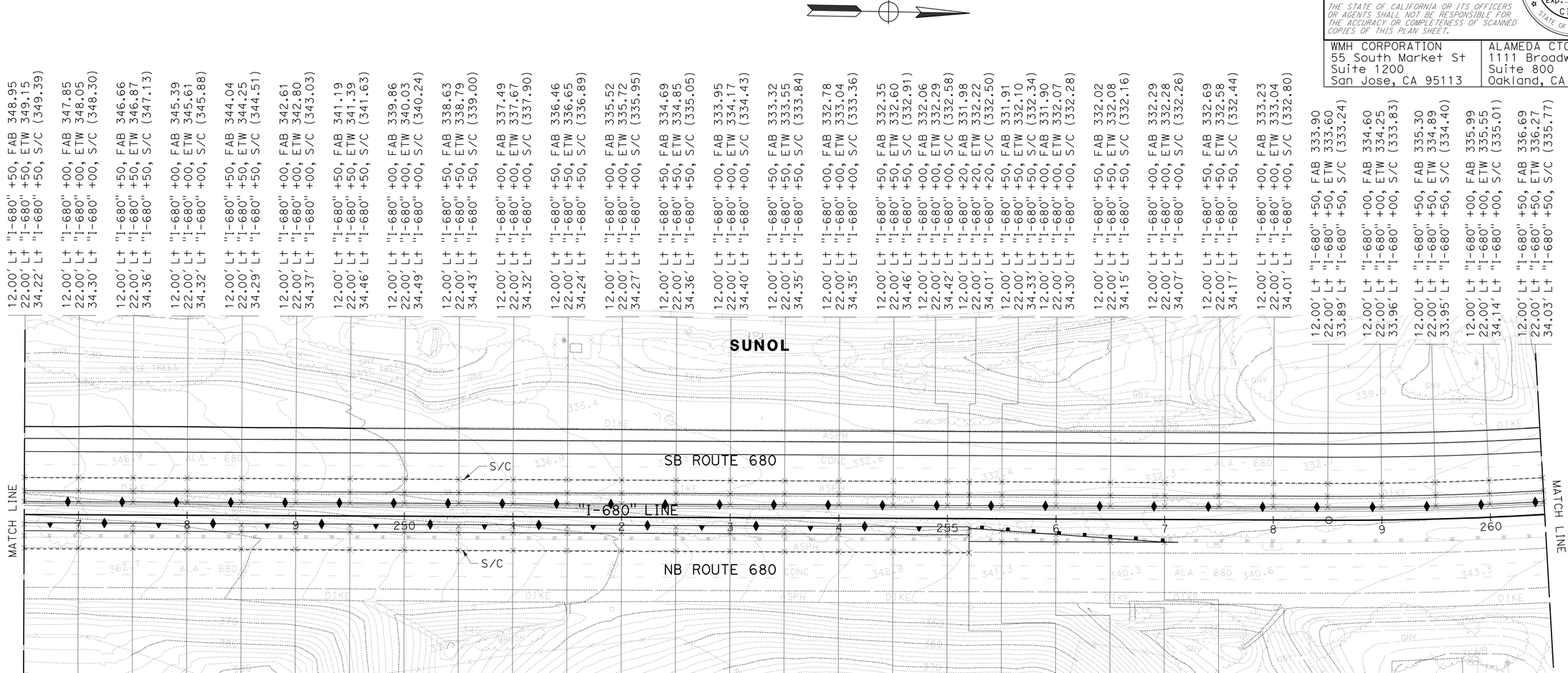
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-5

REVISED BY	CC
DATE REVISED	9-29-21

CALCULATED-DESIGNED BY: CHARLIE CHRES
CHECKED BY: JOHN NGUYEN
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\UNDRAFTING\FINAL_PS&E\04200002350a005.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002350a005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	79	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

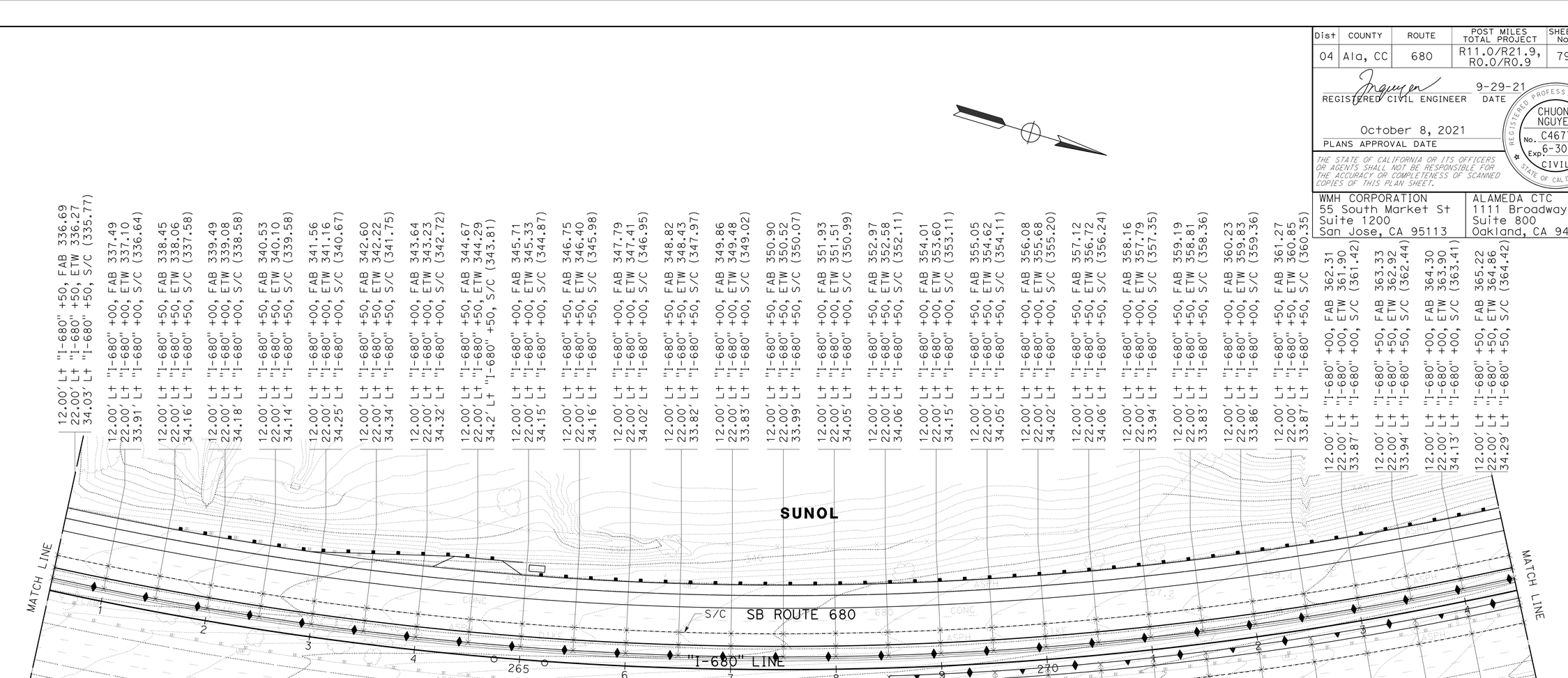
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



12.00' Lt "I-680" +50, FAB 336.69
22.00' Lt "I-680" +50, ETW 336.27
34.03' Lt "I-680" +50, S/C (335.77)

12.00' Lt "I-680" +00, FAB 337.49
22.00' Lt "I-680" +00, ETW 337.10
33.91' Lt "I-680" +00, S/C (336.64)

12.00' Lt "I-680" +50, FAB 338.45
22.00' Lt "I-680" +50, ETW 338.06
34.16' Lt "I-680" +50, S/C (337.58)

12.00' Lt "I-680" +00, FAB 339.49
22.00' Lt "I-680" +00, ETW 339.08
34.18' Lt "I-680" +00, S/C (338.58)

12.00' Lt "I-680" +50, FAB 340.53
22.00' Lt "I-680" +50, ETW 340.10
34.14' Lt "I-680" +50, S/C (339.58)

12.00' Lt "I-680" +00, FAB 341.56
22.00' Lt "I-680" +00, ETW 341.16
34.25' Lt "I-680" +00, S/C (340.67)

12.00' Lt "I-680" +50, FAB 342.60
22.00' Lt "I-680" +50, ETW 342.22
34.34' Lt "I-680" +50, S/C (341.75)

12.00' Lt "I-680" +00, FAB 343.64
22.00' Lt "I-680" +00, ETW 343.23
34.32' Lt "I-680" +00, S/C (342.72)

12.00' Lt "I-680" +50, FAB 344.67
22.00' Lt "I-680" +50, ETW 344.29
34.2' Lt "I-680" +50, S/C (343.81)

12.00' Lt "I-680" +00, FAB 345.71
22.00' Lt "I-680" +00, ETW 345.33
34.15' Lt "I-680" +00, S/C (344.87)

12.00' Lt "I-680" +50, FAB 346.75
22.00' Lt "I-680" +50, ETW 346.40
34.16' Lt "I-680" +50, S/C (345.98)

12.00' Lt "I-680" +00, FAB 347.79
22.00' Lt "I-680" +00, ETW 347.41
34.02' Lt "I-680" +00, S/C (346.95)

12.00' Lt "I-680" +50, FAB 348.82
22.00' Lt "I-680" +50, ETW 348.43
33.82' Lt "I-680" +50, S/C (347.97)

12.00' Lt "I-680" +00, FAB 349.86
22.00' Lt "I-680" +00, ETW 349.48
33.83' Lt "I-680" +00, S/C (349.02)

12.00' Lt "I-680" +50, FAB 350.90
22.00' Lt "I-680" +50, ETW 350.52
33.99' Lt "I-680" +50, S/C (350.07)

12.00' Lt "I-680" +00, FAB 351.93
22.00' Lt "I-680" +00, ETW 351.51
34.05' Lt "I-680" +00, S/C (350.99)

12.00' Lt "I-680" +50, FAB 352.97
22.00' Lt "I-680" +50, ETW 352.58
34.06' Lt "I-680" +50, S/C (352.11)

12.00' Lt "I-680" +00, FAB 354.01
22.00' Lt "I-680" +00, ETW 353.60
34.15' Lt "I-680" +00, S/C (353.11)

12.00' Lt "I-680" +50, FAB 355.05
22.00' Lt "I-680" +50, ETW 354.62
34.05' Lt "I-680" +50, S/C (354.11)

12.00' Lt "I-680" +00, FAB 356.08
22.00' Lt "I-680" +00, ETW 355.68
34.02' Lt "I-680" +00, S/C (355.20)

12.00' Lt "I-680" +50, FAB 357.12
22.00' Lt "I-680" +50, ETW 356.72
34.06' Lt "I-680" +50, S/C (356.24)

12.00' Lt "I-680" +00, FAB 358.16
22.00' Lt "I-680" +00, ETW 357.79
33.94' Lt "I-680" +00, S/C (357.35)

12.00' Lt "I-680" +50, FAB 359.19
22.00' Lt "I-680" +50, ETW 358.81
33.83' Lt "I-680" +50, S/C (358.36)

12.00' Lt "I-680" +00, FAB 360.23
22.00' Lt "I-680" +00, ETW 359.83
33.86' Lt "I-680" +00, S/C (359.36)

12.00' Lt "I-680" +50, FAB 361.27
22.00' Lt "I-680" +50, ETW 360.85
33.87' Lt "I-680" +50, S/C (360.35)

12.00' Lt "I-680" +00, FAB 362.31
22.00' Lt "I-680" +00, ETW 361.90
33.87' Lt "I-680" +00, S/C (361.42)

12.00' Lt "I-680" +50, FAB 363.33
22.00' Lt "I-680" +50, ETW 362.92
33.94' Lt "I-680" +50, S/C (362.44)

12.00' Lt "I-680" +00, FAB 364.30
22.00' Lt "I-680" +00, ETW 363.90
34.13' Lt "I-680" +00, S/C (363.41)

12.00' Lt "I-680" +50, FAB 365.22
22.00' Lt "I-680" +50, ETW 364.86
34.29' Lt "I-680" +50, S/C (364.42)

8.83' Rt "I-680" +50, FAB 362.86
14.83' Rt "I-680" +50, EP 363.09
31.47' Rt "I-680" +50, S/C (363.75)

8.83' Rt "I-680" +00, FAB 364.12
14.83' Rt "I-680" +00, EP 364.36
31.36' Rt "I-680" +00, S/C (365.03)

8.83' Rt "I-680" +50, FAB 365.39
14.83' Rt "I-680" +50, EP 365.63
31.28' Rt "I-680" +50, S/C (366.29)

8.83' Rt "I-680" +00, FAB 366.65
14.83' Rt "I-680" +00, EP 366.88
31.30' Rt "I-680" +00, S/C (367.51)

8.83' Rt "I-680" +50, FAB 367.92
14.83' Rt "I-680" +50, EP 368.15
31.34' Rt "I-680" +50, S/C (368.77)

8.83' Rt "I-680" +00, FAB 369.18
14.83' Rt "I-680" +00, EP 369.41
31.41' Rt "I-680" +00, S/C (370.05)

8.83' Rt "I-680" +50, FAB 370.45
14.83' Rt "I-680" +50, EP 370.68
31.44' Rt "I-680" +50, S/C (371.30)

8.83' Rt "I-680" +00, FAB 371.71
14.83' Rt "I-680" +00, EP 371.93
31.50' Rt "I-680" +00, S/C (372.52)

8.83' Rt "I-680" +50, FAB 372.98
14.83' Rt "I-680" +50, EP 373.19
31.62' Rt "I-680" +50, S/C (373.77)

8.83' Rt "I-680" +00, FAB 374.25
14.83' Rt "I-680" +00, EP 374.47
31.69' Rt "I-680" +00, S/C (375.08)

8.83' Rt "I-680" +50, FAB 375.51
14.83' Rt "I-680" +50, EP 375.74
31.64' Rt "I-680" +50, S/C (376.38)

8.83' Rt "I-680" +00, FAB 376.78
14.83' Rt "I-680" +00, EP 377.00
31.65' Rt "I-680" +00, S/C (377.61)

8.83' Rt "I-680" +50, FAB 378.04
14.83' Rt "I-680" +50, EP 378.25
31.67' Rt "I-680" +50, S/C (378.84)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-6

CALCULATED-DESIGNED BY	CHARLIE CHRES	REVISED BY	CC
CHECKED BY	JOHN NGUYEN	DATE REVISED	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ga006.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

BORDER LAST REVISED 7/2/2010

USERNAME => p302438
DGN FILE => 04200002351ga006.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0733

PROJECT NUMBER & PHASE 04200002351

NOTE:

SEE SHEET C-9 FOR OUTSIDE WIDENING ELEVATIONS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	80	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

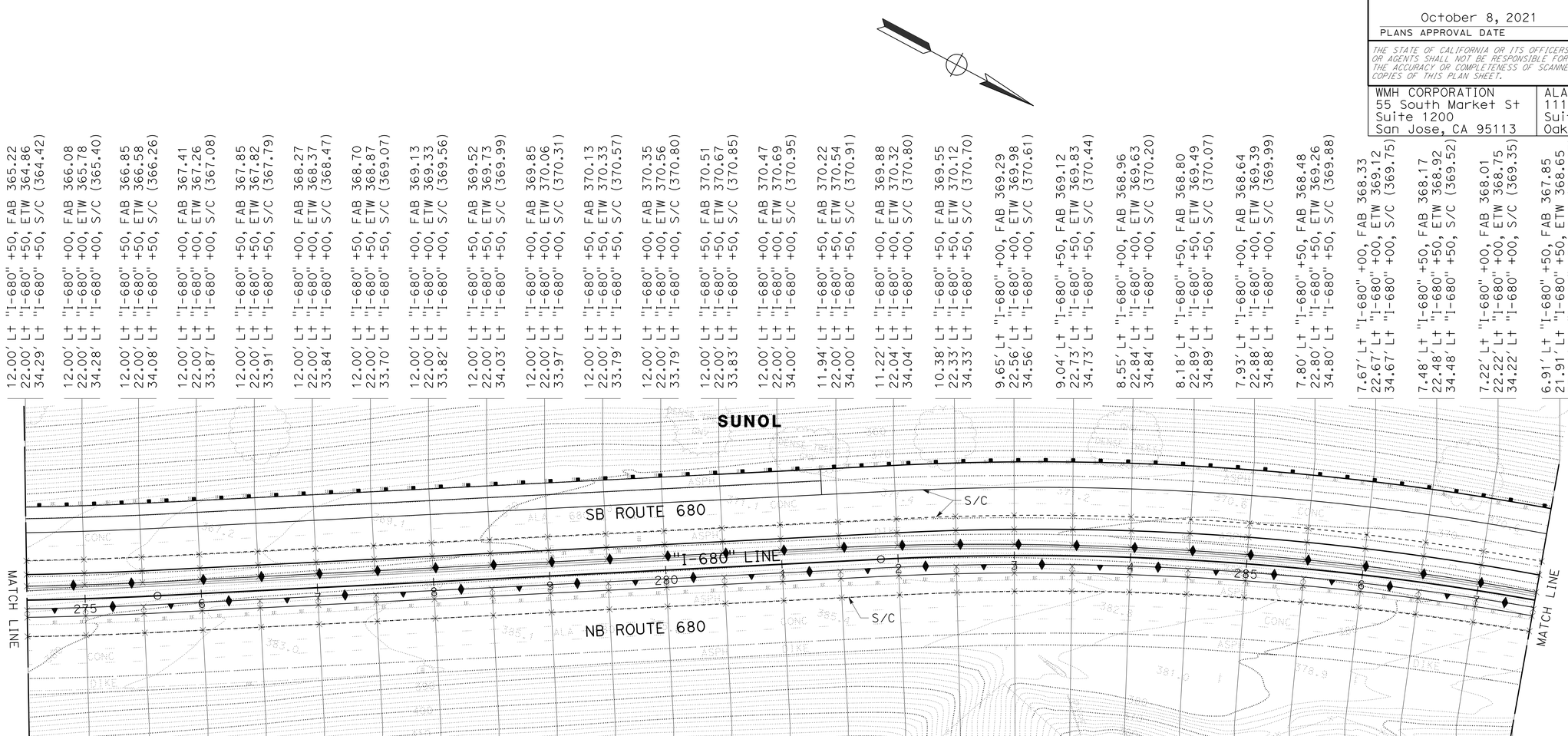
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



12.00' Lt "I-680" +50, FAB 365.22
22.00' Lt "I-680" +50, ETW 364.86
34.29' Lt "I-680" +50, S/C (364.42)

12.00' Lt "I-680" +00, FAB 366.08
22.00' Lt "I-680" +00, ETW 365.78
34.28' Lt "I-680" +00, S/C (365.40)

12.00' Lt "I-680" +50, FAB 366.85
22.00' Lt "I-680" +50, ETW 366.58
34.08' Lt "I-680" +50, S/C (366.26)

12.00' Lt "I-680" +00, FAB 367.41
22.00' Lt "I-680" +00, ETW 367.26
33.87' Lt "I-680" +00, S/C (367.08)

12.00' Lt "I-680" +50, FAB 367.85
22.00' Lt "I-680" +50, ETW 367.82
33.91' Lt "I-680" +50, S/C (367.79)

12.00' Lt "I-680" +00, FAB 368.27
22.00' Lt "I-680" +00, ETW 368.37
33.84' Lt "I-680" +00, S/C (368.47)

12.00' Lt "I-680" +50, FAB 368.70
22.00' Lt "I-680" +50, ETW 368.87
33.70' Lt "I-680" +50, S/C (369.07)

12.00' Lt "I-680" +00, FAB 369.13
22.00' Lt "I-680" +00, ETW 369.33
33.82' Lt "I-680" +00, S/C (369.56)

12.00' Lt "I-680" +50, FAB 369.52
22.00' Lt "I-680" +50, ETW 369.73
34.03' Lt "I-680" +50, S/C (369.99)

12.00' Lt "I-680" +00, FAB 369.85
22.00' Lt "I-680" +00, ETW 370.06
33.97' Lt "I-680" +00, S/C (370.31)

12.00' Lt "I-680" +50, FAB 370.13
22.00' Lt "I-680" +50, ETW 370.33
33.79' Lt "I-680" +50, S/C (370.57)

12.00' Lt "I-680" +00, FAB 370.35
22.00' Lt "I-680" +00, ETW 370.56
33.79' Lt "I-680" +00, S/C (370.80)

12.00' Lt "I-680" +50, FAB 370.51
22.00' Lt "I-680" +50, ETW 370.67
33.83' Lt "I-680" +50, S/C (370.85)

12.00' Lt "I-680" +00, FAB 370.47
22.00' Lt "I-680" +00, ETW 370.69
34.00' Lt "I-680" +00, S/C (370.95)

11.94' Lt "I-680" +50, FAB 370.22
22.00' Lt "I-680" +50, ETW 370.54
34.00' Lt "I-680" +50, S/C (370.91)

11.22' Lt "I-680" +00, FAB 369.88
22.04' Lt "I-680" +00, ETW 370.32
34.04' Lt "I-680" +00, S/C (370.80)

10.38' Lt "I-680" +50, FAB 369.55
22.33' Lt "I-680" +50, ETW 370.12
34.33' Lt "I-680" +50, S/C (370.70)

9.65' Lt "I-680" +00, FAB 369.29
22.56' Lt "I-680" +00, ETW 369.98
34.56' Lt "I-680" +00, S/C (370.61)

9.04' Lt "I-680" +50, FAB 369.12
22.73' Lt "I-680" +50, ETW 369.83
34.73' Lt "I-680" +50, S/C (370.44)

8.55' Lt "I-680" +00, FAB 368.96
22.84' Lt "I-680" +00, ETW 369.63
34.84' Lt "I-680" +00, S/C (370.20)

8.18' Lt "I-680" +50, FAB 368.80
22.89' Lt "I-680" +50, ETW 369.49
34.89' Lt "I-680" +50, S/C (370.07)

7.93' Lt "I-680" +00, FAB 368.64
22.88' Lt "I-680" +00, ETW 369.39
34.88' Lt "I-680" +00, S/C (369.99)

7.80' Lt "I-680" +50, FAB 368.48
22.80' Lt "I-680" +50, ETW 369.26
34.80' Lt "I-680" +50, S/C (369.88)

7.67' Lt "I-680" +00, FAB 368.33
22.67' Lt "I-680" +00, ETW 369.12
34.67' Lt "I-680" +00, S/C (369.75)

7.48' Lt "I-680" +50, FAB 368.17
22.48' Lt "I-680" +50, ETW 368.92
34.48' Lt "I-680" +50, S/C (369.52)

7.22' Lt "I-680" +00, FAB 368.01
22.22' Lt "I-680" +00, ETW 368.75
34.22' Lt "I-680" +00, S/C (369.35)

6.91' Lt "I-680" +50, FAB 367.85
21.91' Lt "I-680" +50, ETW 368.65
33.91' Lt "I-680" +50, S/C (369.27)

8.83' Rt "I-680" +50, FAB 378.04
14.83' Rt "I-680" +50, EP 378.25
31.67' Rt "I-680" +50, S/C (378.84)

8.83' Rt "I-680" +00, FAB 379.25
14.83' Rt "I-680" +00, EP 379.43
31.64' Rt "I-680" +00, S/C (379.92)

8.83' Rt "I-680" +50, FAB 380.35
14.83' Rt "I-680" +50, EP 380.52
31.74' Rt "I-680" +50, S/C (380.99)

8.83' Rt "I-680" +00, FAB 381.34
14.83' Rt "I-680" +00, EP 381.49
31.57' Rt "I-680" +00, S/C (381.91)

8.83' Rt "I-680" +50, FAB 382.23
14.83' Rt "I-680" +50, EP 382.36
31.58' Rt "I-680" +50, S/C (382.71)

8.83' Rt "I-680" +00, FAB 383.02
14.83' Rt "I-680" +00, EP 383.14
31.61' Rt "I-680" +00, S/C (383.46)

8.83' Rt "I-680" +50, FAB 383.70
14.83' Rt "I-680" +50, EP 383.82
31.64' Rt "I-680" +50, S/C (384.15)

8.83' Rt "I-680" +00, FAB 384.28
14.83' Rt "I-680" +00, EP 384.39
31.67' Rt "I-680" +00, S/C (384.71)

8.83' Rt "I-680" +50, FAB 384.75
14.83' Rt "I-680" +50, EP 384.85
31.58' Rt "I-680" +50, S/C (385.13)

8.83' Rt "I-680" +00, FAB 385.12
14.83' Rt "I-680" +00, EP 385.22
31.49' Rt "I-680" +00, S/C (385.51)

8.83' Rt "I-680" +50, FAB 385.38
14.83' Rt "I-680" +50, EP 385.50
31.41' Rt "I-680" +50, S/C (385.82)

8.83' Rt "I-680" +00, FAB 385.59
14.83' Rt "I-680" +00, EP 385.71
31.34' Rt "I-680" +00, S/C (386.02)

8.83' Rt "I-680" +50, FAB 385.81
14.83' Rt "I-680" +50, EP 385.88
31.50' Rt "I-680" +50, S/C (386.06)

8.83' Rt "I-680" +00, FAB 386.03
14.83' Rt "I-680" +00, EP 386.01
31.41' Rt "I-680" +00, S/C (385.97)

8.83' Rt "I-680" +50, FAB 386.24
14.83' Rt "I-680" +50, EP 386.13
31.24' Rt "I-680" +50, S/C (385.83)

8.86' Rt "I-680" +00, FAB 386.33
14.86' Rt "I-680" +00, EP 386.17
31.36' Rt "I-680" +00, S/C (385.75)

8.91' Rt "I-680" +50, FAB 386.26
14.91' Rt "I-680" +50, EP 386.05
31.36' Rt "I-680" +50, S/C (385.47)

8.93' Rt "I-680" +00, FAB 386.04
14.93' Rt "I-680" +00, EP 385.78
30.76' Rt "I-680" +00, S/C (385.08)

8.91' Rt "I-680" +50, FAB 385.66
14.91' Rt "I-680" +50, EP 385.36
30.39' Rt "I-680" +50, S/C (384.59)

8.87' Rt "I-680" +00, FAB 385.13
14.87' Rt "I-680" +00, EP 384.80
30.03' Rt "I-680" +00, S/C (383.98)

8.79' Rt "I-680" +50, FAB 384.44
14.79' Rt "I-680" +50, EP 384.12
29.43' Rt "I-680" +50, S/C (383.35)

8.68' Rt "I-680" +00, FAB 383.63
14.68' Rt "I-680" +00, EP 383.34
29.19' Rt "I-680" +00, S/C (382.63)

8.54' Rt "I-680" +50, FAB 382.75
14.54' Rt "I-680" +50, EP 382.46
28.78' Rt "I-680" +50, S/C (381.78)

8.37' Rt "I-680" +00, FAB 381.79
14.37' Rt "I-680" +00, EP 381.50
28.18' Rt "I-680" +00, S/C (380.85)

8.16' Rt "I-680" +50, FAB 380.75
14.16' Rt "I-680" +50, EP 380.47
28.07' Rt "I-680" +50, S/C (379.82)

7.93' Rt "I-680" +00, FAB 379.63
13.93' Rt "I-680" +00, EP 379.34
27.57' Rt "I-680" +00, S/C (378.69)

7.66' Rt "I-680" +50, FAB 378.44
13.66' Rt "I-680" +50, EP 378.16
27.07' Rt "I-680" +50, S/C (377.54)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-7

REVISED BY	CC
DATE REVISED	9-29-21
CALCULATED-DESIGNED BY	
CHECKED BY	
CHARLIE CHRES	
JOHN NGUYEN	
CONSULTANT FUNCTIONAL SUPERVISOR	
TIMOTHY J. LEE	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030U\DRAFTING\FINAL_PS&E\04200002350a007.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002350a007.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

SEE SHEET C-9 FOR OUTSIDE WIDENING ELEVATIONS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	81	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

REVISED BY	DATE REVISED
CC	9-29-21

CALCULATED-DESIGNED BY: CHARLIE CHRES
CHECKED BY: JOHN NGUYEN
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D:\0030U\DRAFTING\FINAL_PS&E\0420000235ga008.dgn

6.91′ Lt "I-680" +50, FAB 367.85
21.91′ Lt "I-680" +50, ETW 368.65
33.91′ Lt "I-680" +50, S/C (369.27)

6.53′ Lt "I-680" +00, FAB 367.68
21.53′ Lt "I-680" +00, ETW 368.49
33.53′ Lt "I-680" +00, S/C (369.12)

6.10′ Lt "I-680" +50, FAB 367.44
21.10′ Lt "I-680" +50, ETW 368.19
33.10′ Lt "I-680" +50, S/C (368.80)

5.60′ Lt "I-680" +00, FAB 367.08
20.60′ Lt "I-680" +00, ETW 367.80
32.60′ Lt "I-680" +00, S/C (368.39)

5.05′ Lt "I-680" +50, FAB 366.62
20.05′ Lt "I-680" +50, ETW 367.35
32.05′ Lt "I-680" +50, S/C (367.94)

4.43′ Lt "I-680" +00, FAB 366.05
19.44′ Lt "I-680" +00, ETW 366.77
31.44′ Lt "I-680" +00, S/C (367.36)

3.76′ Lt "I-680" +50, FAB 365.37
18.76′ Lt "I-680" +50, ETW 366.13
30.76′ Lt "I-680" +50, S/C (366.73)

3.03′ Lt "I-680" +00, FAB 364.59
18.03′ Lt "I-680" +00, ETW 365.31
30.03′ Lt "I-680" +00, S/C (365.89)

2.24′ Lt "I-680" +50, FAB 363.70
17.24′ Lt "I-680" +50, ETW 364.44
29.24′ Lt "I-680" +50, S/C (365.04)

1.39′ Lt "I-680" +00, FAB 362.70
16.39′ Lt "I-680" +00, ETW 363.38
28.40′ Lt "I-680" +00, S/C (363.94)

0.49′ Lt "I-680" +50, FAB 361.45
15.49′ Lt "I-680" +50, ETW 362.25
27.49′ Lt "I-680" +50, S/C (362.84)

0.48′ Rt "I-680" +00, FAB 360.30
14.53′ Lt "I-680" +00, ETW 361.06
26.53′ Lt "I-680" +00, S/C (361.67)

0.87′ Rt "I-680" +50, FAB 359.12
13.51′ Lt "I-680" +50, ETW 359.81
25.51′ Lt "I-680" +50, S/C (360.39)

1.52′ Rt "I-680" +00, FAB 357.67
12.43′ Lt "I-680" +00, ETW 358.36
24.44′ Lt "I-680" +00, S/C (358.96)

1.63′ Rt "I-680" +50, FAB 356.30
11.30′ Lt "I-680" +50, ETW 356.92
23.31′ Lt "I-680" +50, S/C (357.49)

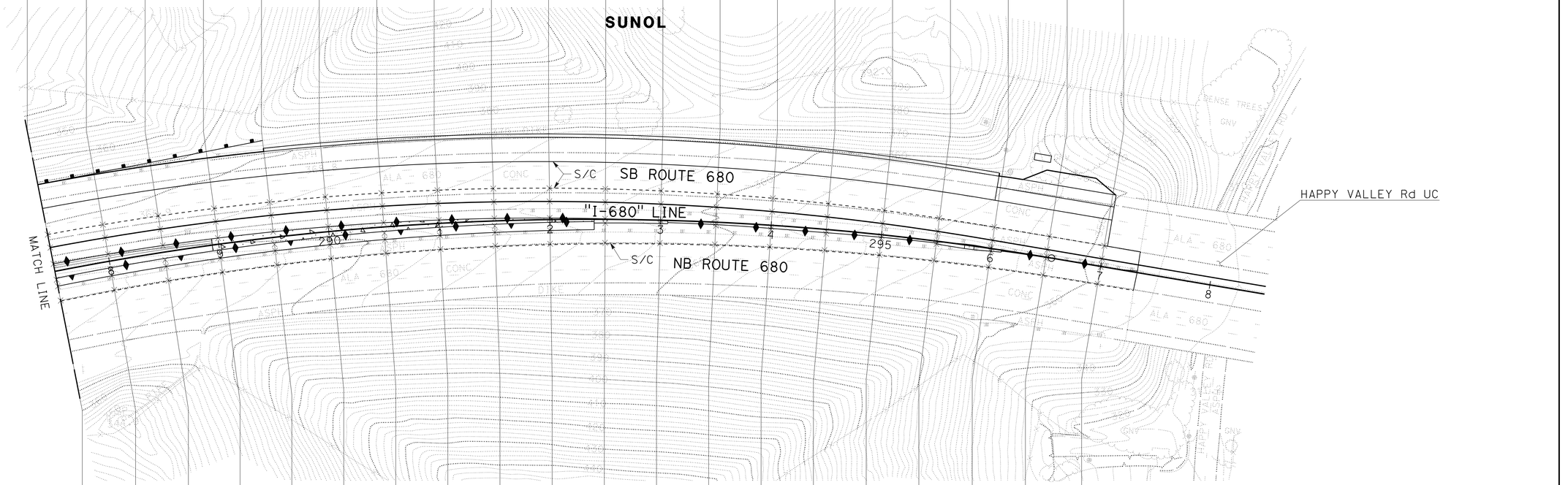
1.02′ Rt "I-680" +00, FAB 354.79
10.12′ Lt "I-680" +00, ETW 355.35
22.12′ Lt "I-680" +00, S/C (355.96)

0.38′ Rt "I-680" +50, FAB 353.41
8.88′ Lt "I-680" +50, ETW 353.84
20.88′ Lt "I-680" +50, S/C (354.39)

0.25′ Lt "I-680" +00, FAB 352.20
7.61′ Lt "I-680" +00, ETW 352.46
19.61′ Lt "I-680" +00, S/C (352.88)

0.88′ Lt "I-680" +50, FAB 350.85
7.00′ Lt "I-680" +50, ETW 351.00
19.00′ Lt "I-680" +50, S/C (351.29)

1.65′ Lt "I-680" +00, FAB 349.61
7.00′ Lt "I-680" +00, ETW 349.66
19.00′ Lt "I-680" +00, S/C (349.76)



7.66′ Rt "I-680" +50, FAB 378.44
13.66′ Rt "I-680" +50, EP 378.16
27.07′ Rt "I-680" +50, S/C (377.54)

7.36′ Rt "I-680" +00, FAB 377.17
13.36′ Rt "I-680" +00, EP 376.88
26.54′ Rt "I-680" +00, S/C (376.26)

7.03′ Rt "I-680" +50, FAB 375.81
13.03′ Rt "I-680" +50, EP 375.52
26.16′ Rt "I-680" +50, S/C (374.87)

6.67′ Rt "I-680" +00, FAB 374.39
12.67′ Rt "I-680" +00, EP 374.09
25.80′ Rt "I-680" +00, S/C (373.42)

6.27′ Rt "I-680" +50, FAB 372.94
12.27′ Rt "I-680" +50, EP 372.64
25.11′ Rt "I-680" +50, S/C (371.99)

5.85′ Rt "I-680" +00, FAB 371.50
11.85′ Rt "I-680" +00, EP 371.21
24.52′ Rt "I-680" +00, S/C (370.60)

5.39 Rt "I-680" +50, FAB 370.05
11.39′ Rt "I-680" +50, EP 369.76
23.86′ Rt "I-680" +50, S/C (369.14)

4.91′ Rt "I-680" +00, FAB 368.61
10.91′ Rt "I-680" +00, EP 368.30
23.63′ Rt "I-680" +00, S/C (367.64)

4.39′ Rt "I-680" +50, FAB 367.16
10.39′ Rt "I-680" +50, EP 366.87
22.86′ Rt "I-680" +50, S/C (366.26)

3.84′ Rt "I-680" +00, FAB 365.72
9.84′ Rt "I-680" +00, EP 365.43
22.00′ Rt "I-680" +00, S/C (364.84)

3.28′ Rt "I-680" +50, FAB 364.27
21.73′ Rt "I-680" +50, S/C (363.34)

3.01′ Rt "I-680" +00, FAB 362.85
21.15′ Rt "I-680" +00, S/C (361.91)

3.22′ Rt "I-680" +50, FAB 361.28
20.29′ Rt "I-680" +50, S/C (360.40)

3.85′ Rt "I-680" +00, FAB 359.73
19.62′ Rt "I-680" +00, S/C (358.91)

3.95′ Rt "I-680" +50, FAB 358.26
19.03′ Rt "I-680" +50, S/C (357.49)

3.33′ Rt "I-680" +00, FAB 356.72
18.30′ Rt "I-680" +00, S/C (355.95)

2.67′ Rt "I-680" +50, FAB 355.19
17.62′ Rt "I-680" +50, S/C (354.43)

2.42′ Rt "I-680" +00, FAB 353.72
17.07′ Rt "I-680" +00, S/C (352.96)

1.31′ Rt "I-680" +50, FAB 352.03
16.69′ Rt "I-680" +50, S/C (351.39)

0.46′ Rt "I-680" +00, FAB 350.30
16.00′ Rt "I-680" +00, S/C (349.80)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50′

C-8

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	82	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

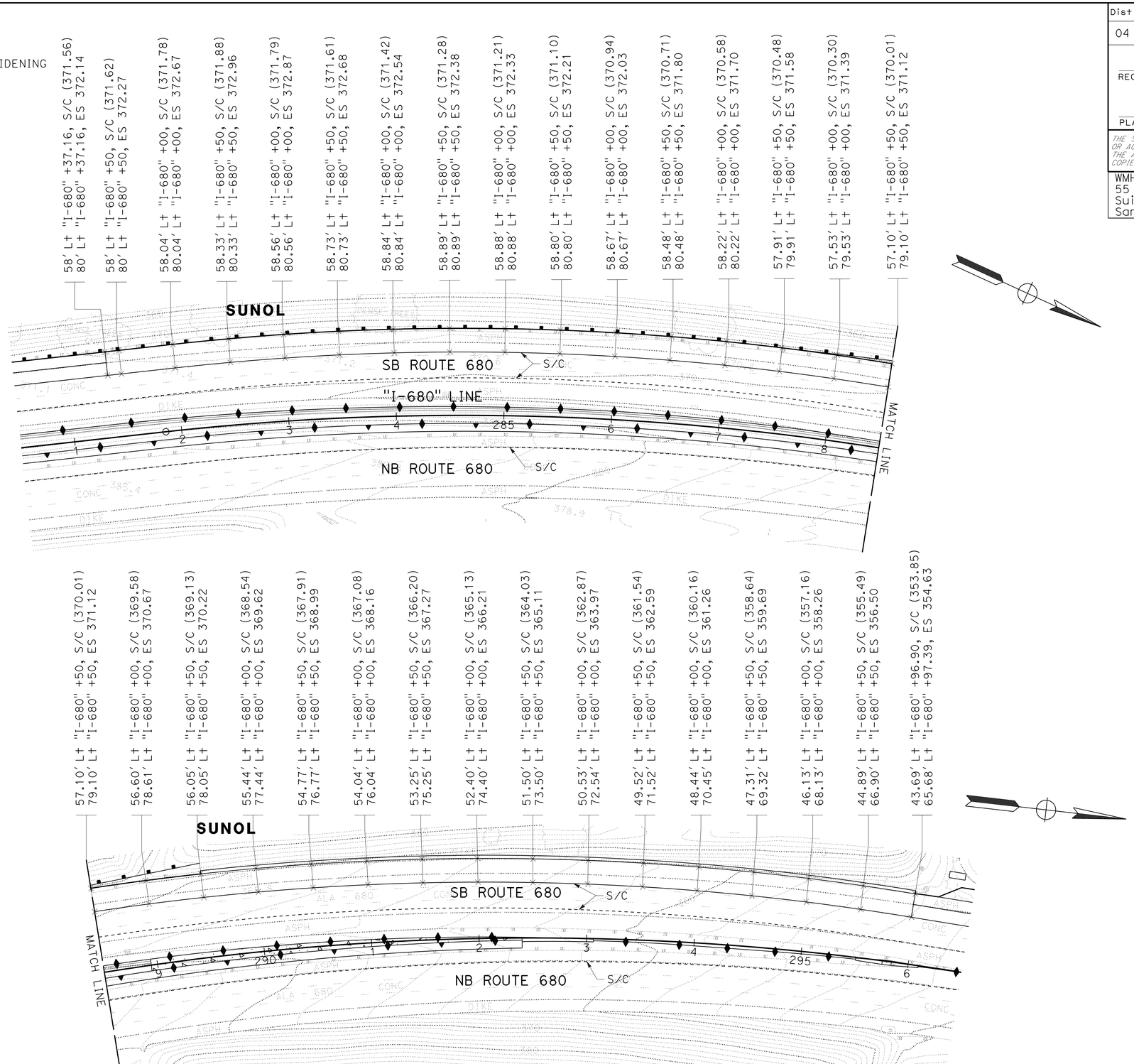
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

NOTE:

SEE SHEET C-7 AND C-8 FOR INSIDE WIDENING ELEVATIONS.



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-9

CALCULATED-DESIGNED BY	CHARLIE CHRES	REVISED BY	CC
CHECKED BY	JOHN NGUYEN	DATE REVISED	9-29-21
CONSULTANT FUNCTIONAL SUPERVISOR	TIMOTHY J. LEE		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

D1:\0030\DRAFTING\FINAL_PS&E\04200002351ga009.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ga009.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	83	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

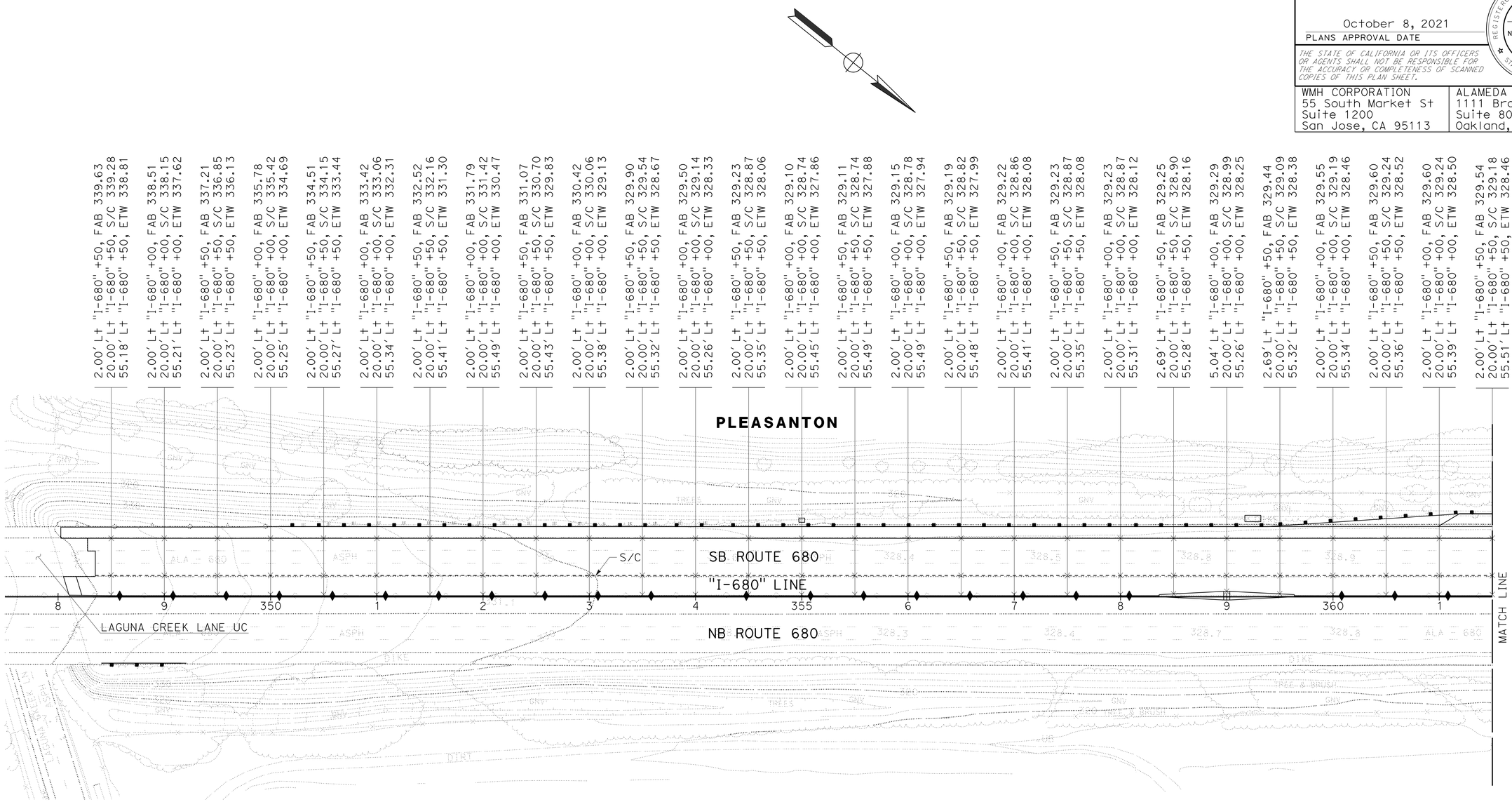
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CALCULATED- DESIGNED BY	CHARLIE CHRES	REVISED BY	CC
CHECKED BY	JOHN NGUYEN	DATE REVISED	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

D:\0030U\DRAFTING\FINAL_PS&E\0420000235ga010.dgn



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50′

C-10

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ga010.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	84	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

2.00' Lt "I-680" +50, FAB 329.54
20.00' Lt "I-680" +50, S/C 329.18
55.51' Lt "I-680" +50, ETW 328.46

2.00' Lt "I-680" +00, FAB 329.48
20.00' Lt "I-680" +00, S/C 329.12
55.49' Lt "I-680" +00, ETW 328.40

2.00' Lt "I-680" +50, FAB 329.42
20.00' Lt "I-680" +50, S/C 329.06
55.46' Lt "I-680" +50, ETW 328.28

2.00' Lt "I-680" +00, FAB 329.36
20.00' Lt "I-680" +00, S/C 329.00
55.44' Lt "I-680" +00, ETW 328.23

2.00' Lt "I-680" +50, FAB 329.30
20.00' Lt "I-680" +50, S/C 328.94
55.37' Lt "I-680" +50, ETW 328.19

2.00' Lt "I-680" +00, FAB 329.23
20.00' Lt "I-680" +00, S/C 328.87
55.29' Lt "I-680" +00, ETW 328.14

2.00' Lt "I-680" +50, FAB 329.17
20.00' Lt "I-680" +50, S/C 328.81
55.21' Lt "I-680" +50, ETW 328.09

2.00' Lt "I-680" +00, FAB 329.11
20.00' Lt "I-680" +00, S/C 328.75
55.13' Lt "I-680" +00, ETW 328.02

2.00' Lt "I-680" +50, FAB 329.11
20.00' Lt "I-680" +50, S/C 328.75
55.09' Lt "I-680" +50, ETW 327.96

2.00' Lt "I-680" +00, FAB 329.18
20.00' Lt "I-680" +00, S/C 328.82
55.25' Lt "I-680" +00, ETW 328.05

2.00' Lt "I-680" +50, FAB 329.25
20.00' Lt "I-680" +50, S/C 328.89
55.63' Lt "I-680" +50, ETW 328.14

2.00' Lt "I-680" +00, FAB 329.32
20.00' Lt "I-680" +00, S/C 328.95
56.17' Lt "I-680" +00, ETW 328.18

2.00' Lt "I-680" +50, FAB 329.38
20.00' Lt "I-680" +50, S/C 329.02
56.96' Lt "I-680" +50, ETW 328.19

2.00' Lt "I-680" +00, FAB 329.45
20.00' Lt "I-680" +00, S/C 329.09
57.74' Lt "I-680" +00, ETW 328.26

2.00' Lt "I-680" +50, FAB 329.51
20.00' Lt "I-680" +50, S/C 329.15
58.49' Lt "I-680" +50, ETW 328.37

2.00' Lt "I-680" +00, FAB 329.58
20.00' Lt "I-680" +00, S/C 329.22
59.53' Lt "I-680" +00, ETW 328.42

2.00' Lt "I-680" +50, FAB 329.63
20.00' Lt "I-680" +50, S/C 329.26
60.66' Lt "I-680" +50, ETW 328.44

2.00' Lt "I-680" +00, FAB 329.66
20.00' Lt "I-680" +00, S/C 329.30
61.79' Lt "I-680" +00, ETW 328.39

2.00' Lt "I-680" +50, FAB 329.69
20.00' Lt "I-680" +50, S/C 329.33
62.92' Lt "I-680" +50, ETW 328.41

2.00' Lt "I-680" +00, FAB 329.69
20.00' Lt "I-680" +00, S/C 329.33
64.05' Lt "I-680" +00, ETW 328.43

2.00' Lt "I-680" +50, FAB 329.63
20.00' Lt "I-680" +50, S/C 329.27
64.53' Lt "I-680" +50, ETW 328.44

2.00' Lt "I-680" +00, FAB 329.56
20.00' Lt "I-680" +00, S/C 329.20
64.83' Lt "I-680" +00, ETW 328.34

2.00' Lt "I-680" +50, FAB 329.49
20.00' Lt "I-680" +50, S/C 329.13
55.19' Lt "I-680" +50, ETW 328.41

2.00' Lt "I-680" +00, FAB 329.42
20.00' Lt "I-680" +00, S/C 329.06
55.74' Lt "I-680" +00, ETW 328.33

2.00' Lt "I-680" +50, FAB 329.36
20.00' Lt "I-680" +50, S/C 328.99
56.29' Lt "I-680" +50, ETW 328.26

2.00' Lt "I-680" +00, FAB 329.25
20.00' Lt "I-680" +00, S/C 328.89
56.84' Lt "I-680" +00, ETW 328.13

2.00' Lt "I-680" +50, FAB 329.14
20.00' Lt "I-680" +50, S/C 328.78
57.39' Lt "I-680" +50, ETW 328.07

2.00' Lt "I-680" +00, FAB 329.02
20.00' Lt "I-680" +00, S/C 328.66
57.94' Lt "I-680" +00, ETW 327.88

2.00' Lt "I-680" +50, FAB 328.93
20.00' Lt "I-680" +50, S/C 328.57
55.07' Lt "I-680" +50, ETW 327.84

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50'

C-11

REVISED BY	CC
DATE REVISED	9-29-21

CALCULATED-
DESIGNED BY

CHECKED BY

CHARLIE CHRES

JOHN NGUYEN

CONSULTANT FUNCTIONAL SUPERVISOR

TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:35

01\0030\DRAFTING\FINAL_PS&E\0420000235ga011.dgn

BORDER LAST REVISED 7/2/2010

USERNAME => p302438
DGN FILE => 0420000235ga011.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0733

PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	85	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

REVISED BY	DATE REVISED
CC	9-29-21

CALCULATED-DESIGNED BY: CHARLIE CHRES
CHECKED BY: JOHN NGUYEN

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ga012.dgn

2.00′ Lt "I-680" +50, FAB 328.93
20.00′ Lt "I-680" +50, S/C 328.57
55.07′ Lt "I-680" +50, ETW 327.84

2.00′ Lt "I-680" +00, FAB 328.95
20.00′ Lt "I-680" +00, S/C 328.59
54.88′ Lt "I-680" +00, ETW 327.88

2.00′ Lt "I-680" +50, FAB 329.11
20.00′ Lt "I-680" +50, S/C 328.75
54.90′ Lt "I-680" +50, ETW 328.01

2.00′ Lt "I-680" +00, FAB 329.40
20.00′ Lt "I-680" +00, S/C 329.04
54.95′ Lt "I-680" +00, ETW 328.25

2.00′ Lt "I-680" +50, FAB 329.83
20.00′ Lt "I-680" +50, S/C 329.47
54.91′ Lt "I-680" +50, ETW 328.69

2.00′ Lt "I-680" +00, FAB 330.42
20.00′ Lt "I-680" +00, S/C 330.06
54.87′ Lt "I-680" +00, ETW 329.30

2.00′ Lt "I-680" +50, FAB 331.17
20.00′ Lt "I-680" +50, S/C 330.81
54.98′ Lt "I-680" +50, ETW 330.11

2.00′ Lt "I-680" +00, FAB 332.09
20.00′ Lt "I-680" +00, S/C 331.73
55.02′ Lt "I-680" +00, ETW 330.97

2.00′ Lt "I-680" +50, FAB 333.15
20.00′ Lt "I-680" +50, S/C 332.79
55.03′ Lt "I-680" +50, ETW 332.03

2.00′ Lt "I-680" +00, FAB 334.23
20.00′ Lt "I-680" +00, S/C 333.87
55.04′ Lt "I-680" +00, ETW 333.16

2.02′ Lt "I-680" +50, FAB 335.22
20.00′ Lt "I-680" +50, S/C 334.86
55.05′ Lt "I-680" +50, ETW 334.14

2.02′ Lt "I-680" +00, FAB 336.17
20.00′ Lt "I-680" +00, S/C 335.81
55.06′ Lt "I-680" +00, ETW 335.10

2.03′ Lt "I-680" +50, FAB 337.11
20.00′ Lt "I-680" +50, S/C 336.75
55.07′ Lt "I-680" +50, ETW 336.05

2.03′ Lt "I-680" +00, FAB 338.02
20.00′ Lt "I-680" +00, S/C 337.66
55.05′ Lt "I-680" +00, ETW 336.91

2.02′ Lt "I-680" +50, FAB 338.87
20.00′ Lt "I-680" +50, S/C 338.51
54.97′ Lt "I-680" +50, ETW 337.76

2.00′ Lt "I-680" +00, FAB 339.67
20.00′ Lt "I-680" +00, S/C 339.31
54.91′ Lt "I-680" +00, ETW 338.50

2.00′ Lt "I-680" +50, FAB 340.42
20.00′ Lt "I-680" +50, S/C 340.06
54.93′ Lt "I-680" +50, ETW 339.24

2.00′ Lt "I-680" +00, FAB 341.11
20.00′ Lt "I-680" +00, S/C 340.74
54.94′ Lt "I-680" +00, ETW 340.00

2.00′ Lt "I-680" +50, FAB 341.66
20.00′ Lt "I-680" +50, S/C 341.30
54.96′ Lt "I-680" +50, ETW 340.62

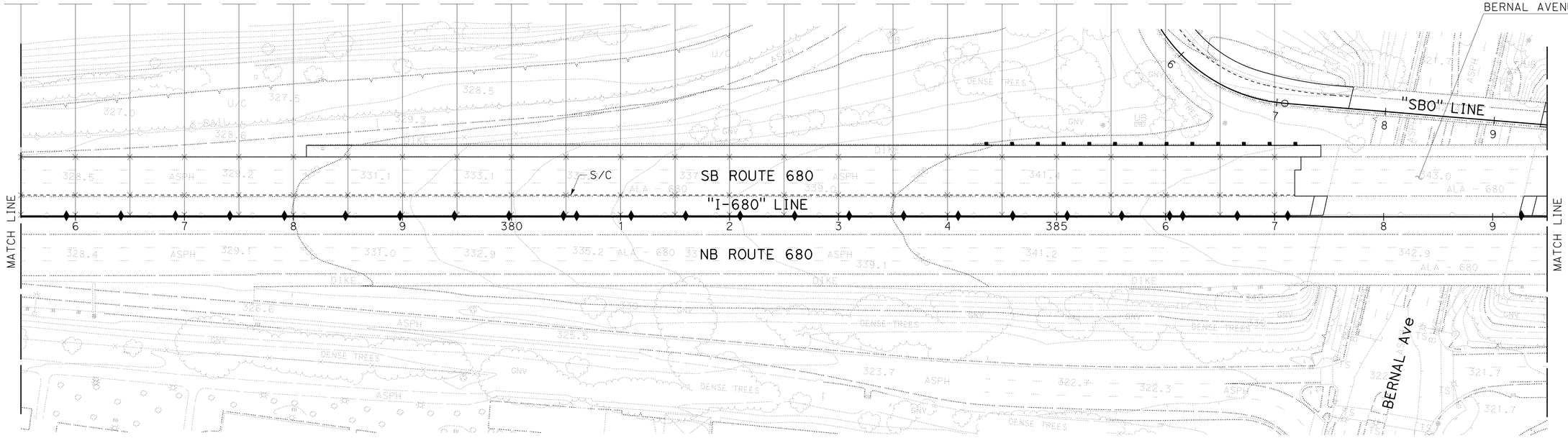
2.01′ Lt "I-680" +00, FAB 342.05
20.00′ Lt "I-680" +00, S/C 341.69
54.97′ Lt "I-680" +00, ETW 340.91

2.01′ Lt "I-680" +50, FAB 342.30
20.00′ Lt "I-680" +50, S/C 341.94
54.99′ Lt "I-680" +50, ETW 341.10

2.03′ Lt "I-680" +00, FAB 342.54
20.00′ Lt "I-680" +00, S/C 342.17
55.00′ Lt "I-680" +00, ETW 341.36

2.04′ Lt "I-680" +50, FAB 342.77
20.00′ Lt "I-680" +50, S/C 342.41
55.02′ Lt "I-680" +50, ETW 341.58

2.05′ Lt "I-680" +00, FAB 342.79
20.00′ Lt "I-680" +00, S/C 342.44
55.03′ Lt "I-680" +00, ETW 341.73



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-12

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:35

BORDER LAST REVISED 7/2/2010

USERNAME => p302438
DGN FILE => 0420000235ga012.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0733

PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	86	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

REVISED BY	CC
DATE REVISED	9-29-21

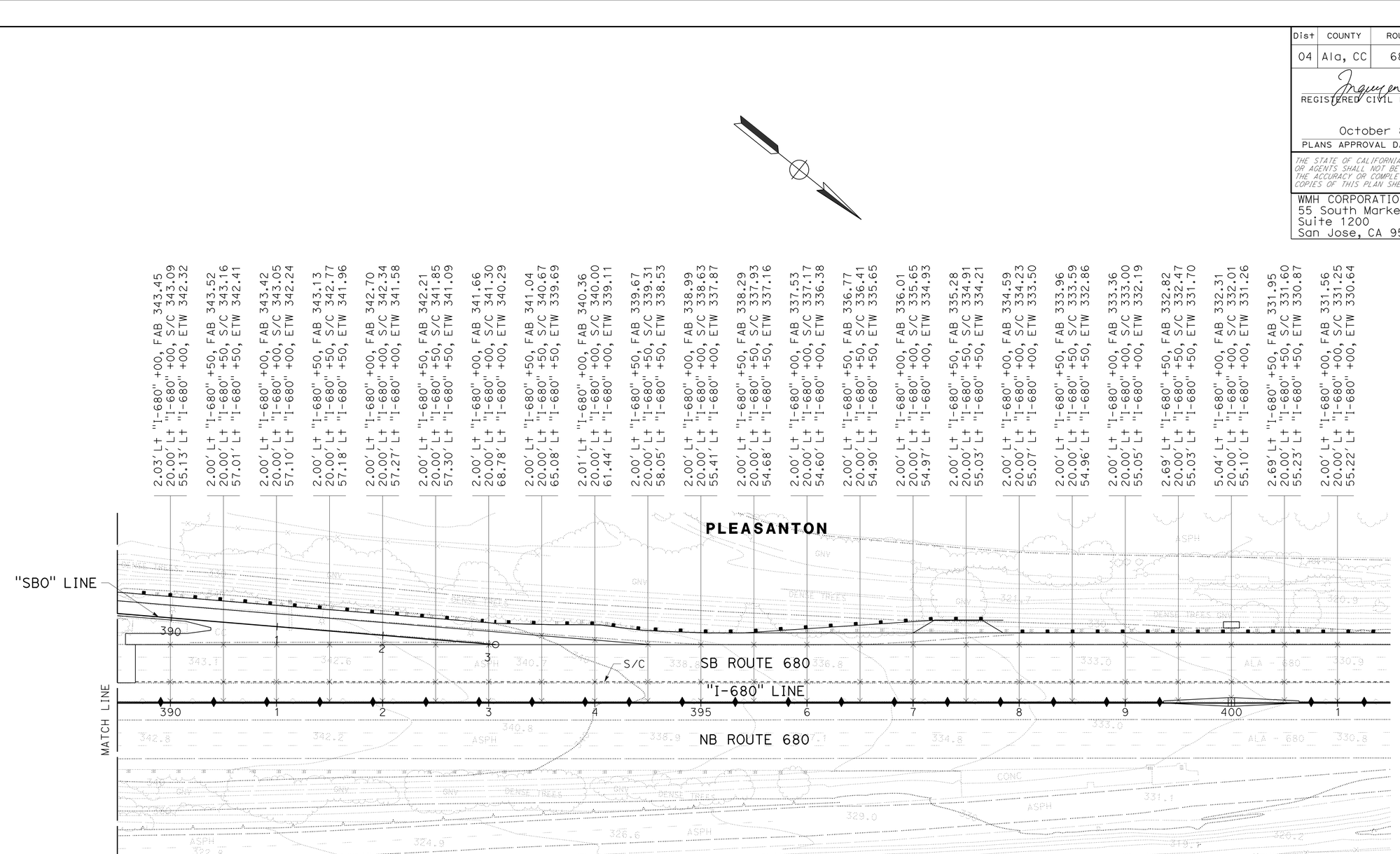
CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

CHARLIE CHRES
JOHN NGUYEN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002351ga013.dgn



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-13

LAST REVISION
DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:36

BORDER LAST REVISED 7/2/2010

USERNAME => p302438
DGN FILE => 04200002351ga013.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0733

PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	87	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

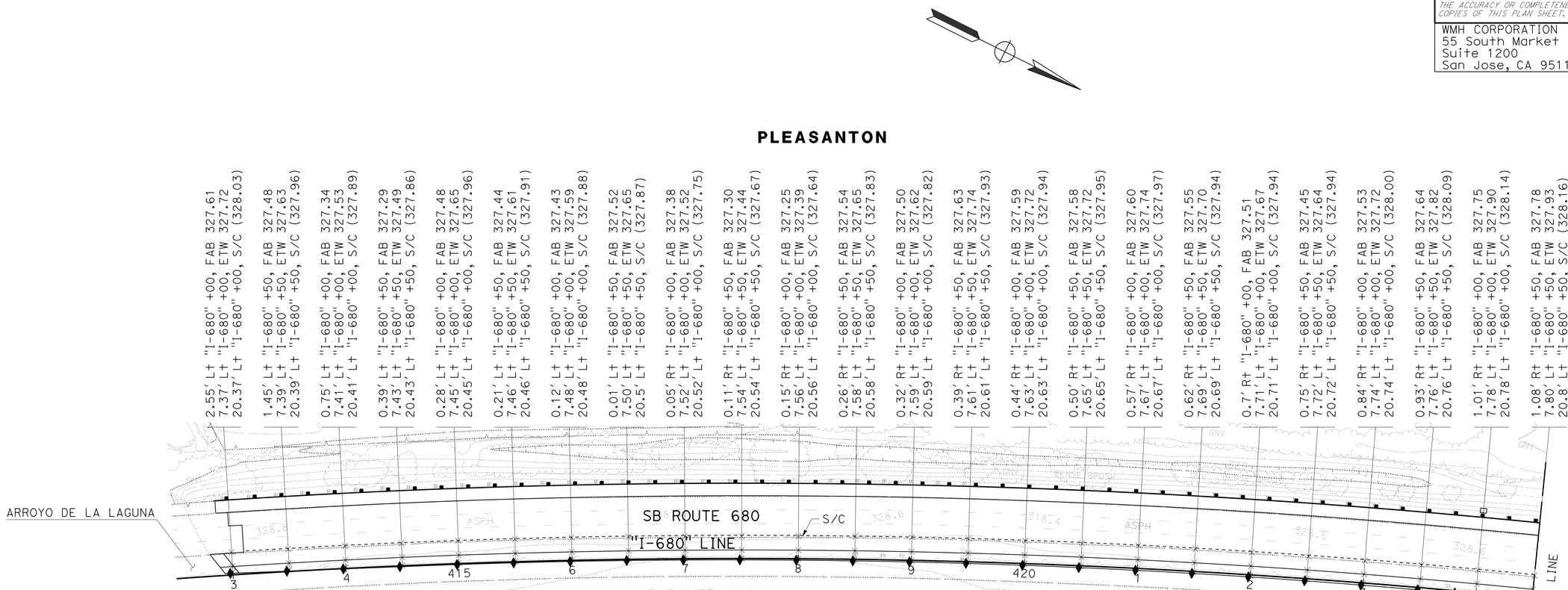
REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PLEASANTON



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-14

CALCULATED-DESIGNED BY	CHARLIE CHRES	REVISED BY	CC
CHECKED BY	JOHN NGUYEN	DATE REVISED	9-29-21
CONSULTANT FUNCTIONAL SUPERVISOR	TIMOTHY J. LEE		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:36

01\0030\DRAFTING\FINAL_PS&E\04200002351ga014.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ga014.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	88	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

1.08′ R+ "I-680" +50, FAB 327.78
7.80′ L+ "I-680" +50, ETW 327.93
20.8′ L+ "I-680" +50, S/C (328.16)

1.14′ R+ "I-680" +00, FAB 327.79
7.82′ L+ "I-680" +00, ETW 327.94
20.82′ L+ "I-680" +00, S/C (328.17)

1.19′ R+ "I-680" +50, FAB 327.80
7.84′ L+ "I-680" +50, ETW 327.97
20.84′ L+ "I-680" +50, S/C (328.22)

1.24′ R+ "I-680" +00, FAB 327.76
7.85′ L+ "I-680" +00, ETW 327.95
20.86′ L+ "I-680" +00, S/C (328.23)

1.31′ R+ "I-680" +50, FAB 327.86
7.87′ L+ "I-680" +50, ETW 328.05
20.87′ L+ "I-680" +50, S/C (328.33)

1.40′ R+ "I-680" +00, FAB 327.91
7.89′ L+ "I-680" +00, ETW 328.12
20.89′ L+ "I-680" +00, S/C (328.41)

0.98′ R+ "I-680" +50, FAB 328.00
7.91′ L+ "I-680" +50, ETW 328.21
20.91′ L+ "I-680" +50, S/C (328.52)

1.50′ L+ "I-680" +00, FAB 328.19
7.93′ L+ "I-680" +00, ETW 328.34
20.93′ L+ "I-680" +00, S/C (328.63)

1.12′ R+ "I-680" +50, FAB 328.33
7.95′ L+ "I-680" +50, ETW 328.51
20.95′ L+ "I-680" +50, S/C (328.77)

1.74′ R+ "I-680" +00, FAB 328.54
7.97′ L+ "I-680" +00, ETW 328.72
20.97′ L+ "I-680" +00, S/C (328.94)

1.80′ R+ "I-680" +50, FAB 328.66
7.99′ L+ "I-680" +50, ETW 328.81
20.99′ L+ "I-680" +50, S/C (329.02)

1.86′ R+ "I-680" +00, FAB 328.84
8.00′ L+ "I-680" +00, ETW 328.95
21.00′ L+ "I-680" +00, S/C (329.08)

1.90′ R+ "I-680" +50, FAB 329.15
8.00′ L+ "I-680" +50, ETW 329.19
21.00′ L+ "I-680" +50, S/C (329.24)

1.99′ R+ "I-680" +00, FAB 329.84
8.00′ L+ "I-680" +00, ETW 329.74
21.00′ L+ "I-680" +00, S/C (329.63)

1.98′ R+ "I-680" +50, FAB 329.88
8.00′ L+ "I-680" +50, ETW 329.77
21.00′ L+ "I-680" +50, S/C (329.64)

1.98′ R+ "I-680" +00, FAB 330.00
8.00′ L+ "I-680" +00, ETW 329.87
21.00′ L+ "I-680" +00, S/C (329.69)

1.99′ R+ "I-680" +50, FAB 330.11
8.00′ L+ "I-680" +50, ETW 329.97
21.00′ L+ "I-680" +50, S/C (329.78)

2.00′ R+ "I-680" +00, FAB 330.18
8.00′ L+ "I-680" +00, ETW 330.04
21.00′ L+ "I-680" +00, S/C (329.85)

2.00′ R+ "I-680" +50, FAB 330.33
8.00′ L+ "I-680" +50, ETW 330.17
21.00′ L+ "I-680" +50, S/C (329.96)

2.00′ R+ "I-680" +00, FAB 330.46
8.00′ L+ "I-680" +00, ETW 330.30
21.00′ L+ "I-680" +00, S/C (330.09)

2.00′ R+ "I-680" +50, FAB 330.54
8.00′ L+ "I-680" +50, ETW 330.38
21.00′ L+ "I-680" +50, S/C (330.16)

2.00′ R+ "I-680" +00, FAB 330.60
8.00′ L+ "I-680" +00, ETW 330.44
21.00′ L+ "I-680" +00, S/C (330.23)

2.00′ R+ "I-680" +50, FAB 330.74
8.00′ L+ "I-680" +50, ETW 330.56
21.00′ L+ "I-680" +50, S/C (330.34)

2.00′ R+ "I-680" +00, FAB 330.78
8.00′ L+ "I-680" +00, ETW 330.62
21.00′ L+ "I-680" +00, S/C (330.40)

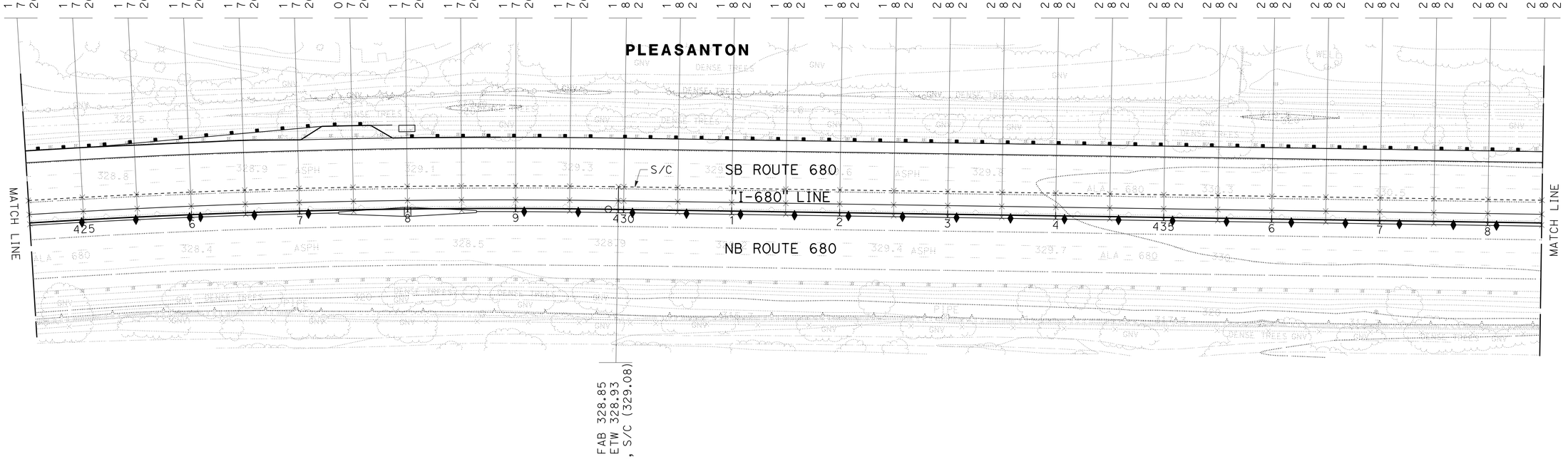
2.00′ R+ "I-680" +50, FAB 330.97
8.00′ L+ "I-680" +50, ETW 330.78
21.00′ L+ "I-680" +50, S/C (330.53)

2.00′ R+ "I-680" +00, FAB 331.04
8.00′ L+ "I-680" +00, ETW 330.85
21.00′ L+ "I-680" +00, S/C (330.60)

2.00′ R+ "I-680" +50, FAB 331.13
8.00′ L+ "I-680" +50, ETW 330.94
21.00′ L+ "I-680" +50, S/C (330.69)

2.00′ R+ "I-680" +00, FAB 331.18
8.00′ L+ "I-680" +00, ETW 331.00
21.00′ L+ "I-680" +00, S/C (330.76)

2.00′ R+ "I-680" +50, FAB 331.33
8.00′ L+ "I-680" +50, ETW 331.12
21.00′ L+ "I-680" +50, S/C (330.84)



1.86′ R+ "I-680" +95, FAB 328.85
8.00′ L+ "I-680" +95, ETW 328.93
21.00′ L+ "I-680" +95, S/C (329.08)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50′

C-15

CALCULATED-DESIGNED BY
CHECKED BY

CHARLIE CHRES — REVISED BY — CC
JOHN NGUYEN — DATE REVISED — 9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR
TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\6030U\DRAFTING\FINAL_PS&E\04200002351ga015.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:36

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ga015.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	89	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

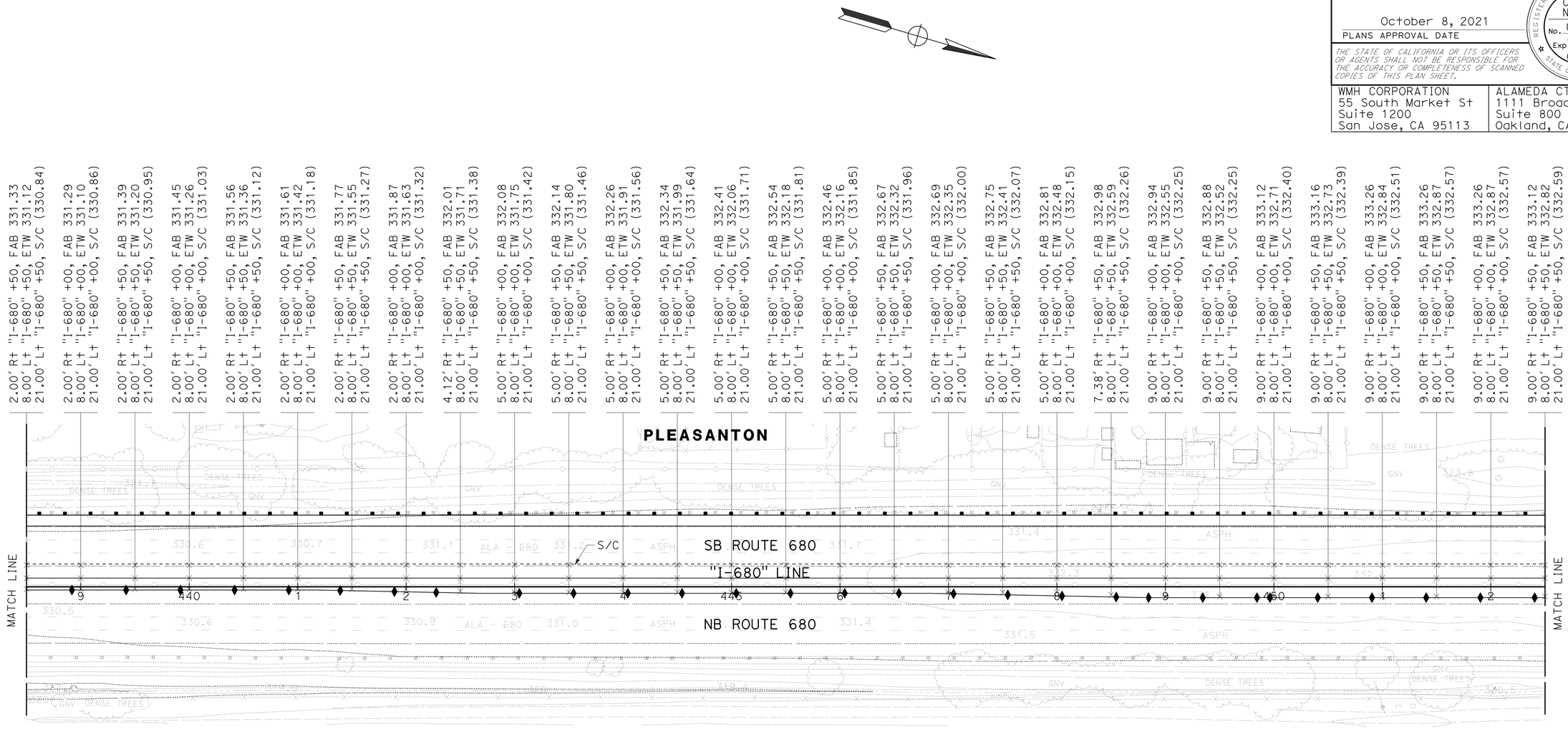
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

REVISED BY	DATE REVISED
CC	9-29-21

CALCULATED-DESIGNED BY: CHARLIE CHRES
CHECKED BY: JOHN NGUYEN

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-16

LAST REVISION | DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:36

O:\0030\DRAFTING\FINAL_PS&E\04200002351ga016.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	90	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

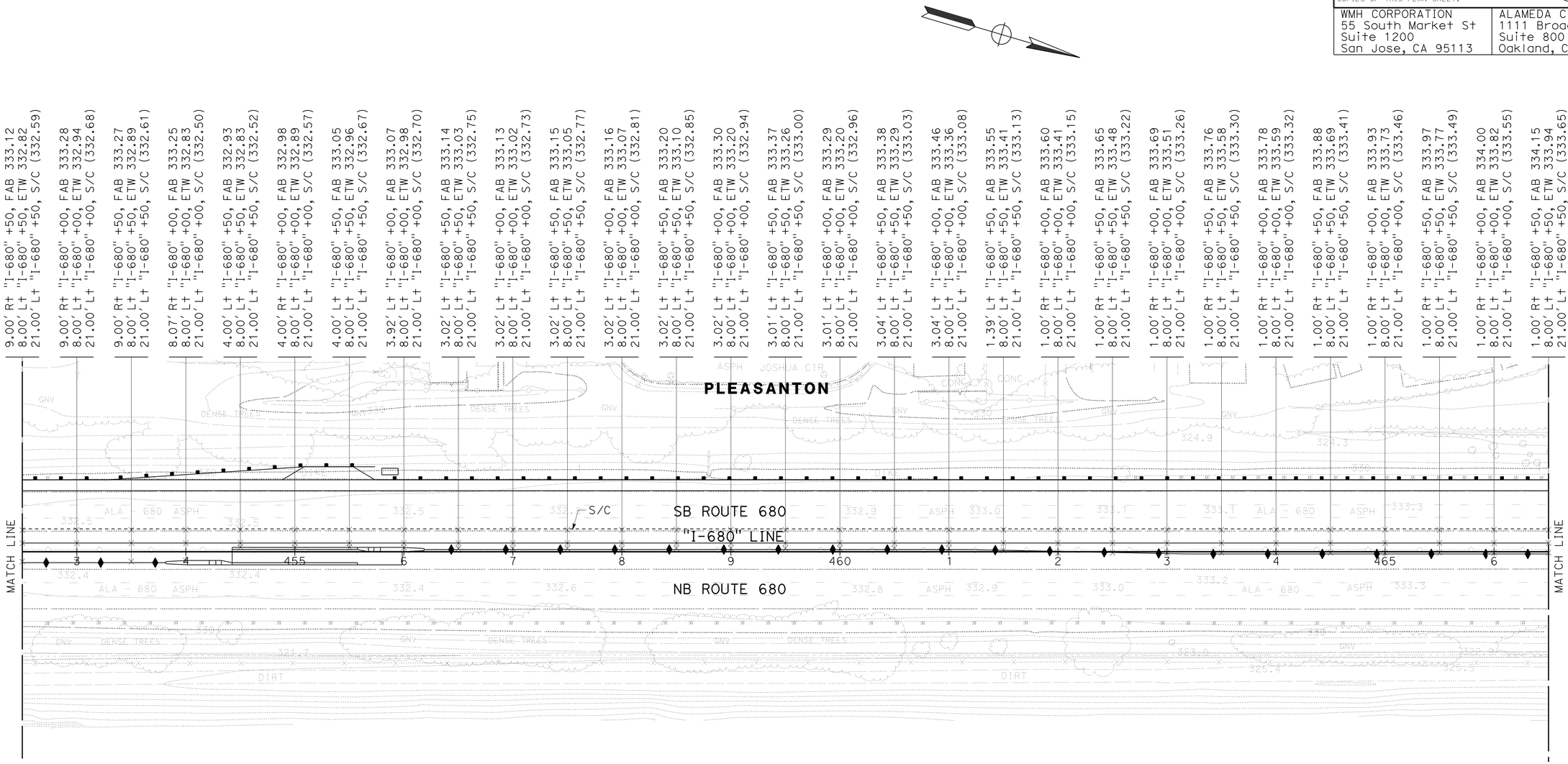
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE
CALCULATED-DESIGNED BY
CHECKED BY
CHARLIE CHRES
JOHN NGUYEN
REVISED BY
DATE REVISED
CC
9-29-21

01:\0030U\DRAFTING\FINAL_PS&E\04200002351ga017.dgn

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:36

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200002351ga017.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	91	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

CHUONG NGUYEN No. C46770 Exp. 6-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

1.00' R+ "I-680" +50, FAB 334.15
8.00' L+ "I-680" +50, ETW 333.94
21.00' L+ "I-680" +50, S/C (333.65)

1.00' R+ "I-680" +00, FAB 334.11
8.00' L+ "I-680" +00, ETW 333.93
21.00' L+ "I-680" +00, S/C (333.66)

1.87' R+ "I-680" +50, FAB 334.19
8.00' L+ "I-680" +50, ETW 333.98
21.00' L+ "I-680" +50, S/C (333.70)

2.00' R+ "I-680" +00, FAB 334.24
8.00' L+ "I-680" +00, ETW 334.03
21.00' L+ "I-680" +00, S/C (333.75)

2.00' R+ "I-680" +50, FAB 334.33
8.00' L+ "I-680" +50, ETW 334.12
21.00' L+ "I-680" +50, S/C (333.83)

2.00' R+ "I-680" +00, FAB 334.42
8.00' L+ "I-680" +00, ETW 334.20
21.00' L+ "I-680" +00, S/C (333.91)

2.00' R+ "I-680" +50, FAB 334.50
8.00' L+ "I-680" +50, ETW 334.27
21.00' L+ "I-680" +50, S/C (333.97)

2.00' R+ "I-680" +00, FAB 334.51
8.00' L+ "I-680" +00, ETW 334.29
21.00' L+ "I-680" +00, S/C (334.01)

2.00' R+ "I-680" +50, FAB 334.57
8.00' L+ "I-680" +50, ETW 334.36
21.00' L+ "I-680" +50, S/C (334.09)

2.00' R+ "I-680" +00, FAB 334.66
8.00' L+ "I-680" +00, ETW 334.44
21.00' L+ "I-680" +00, S/C (334.15)

2.00' R+ "I-680" +50, FAB 334.79
8.00' L+ "I-680" +50, ETW 334.57
21.00' L+ "I-680" +50, S/C (334.29)

2.00' R+ "I-680" +00, FAB 334.83
8.00' L+ "I-680" +00, ETW 334.63
21.00' L+ "I-680" +00, S/C (334.36)

2.00' R+ "I-680" +50, FAB 334.91
8.00' L+ "I-680" +50, ETW 334.7
21.00' L+ "I-680" +50, S/C (334.43)

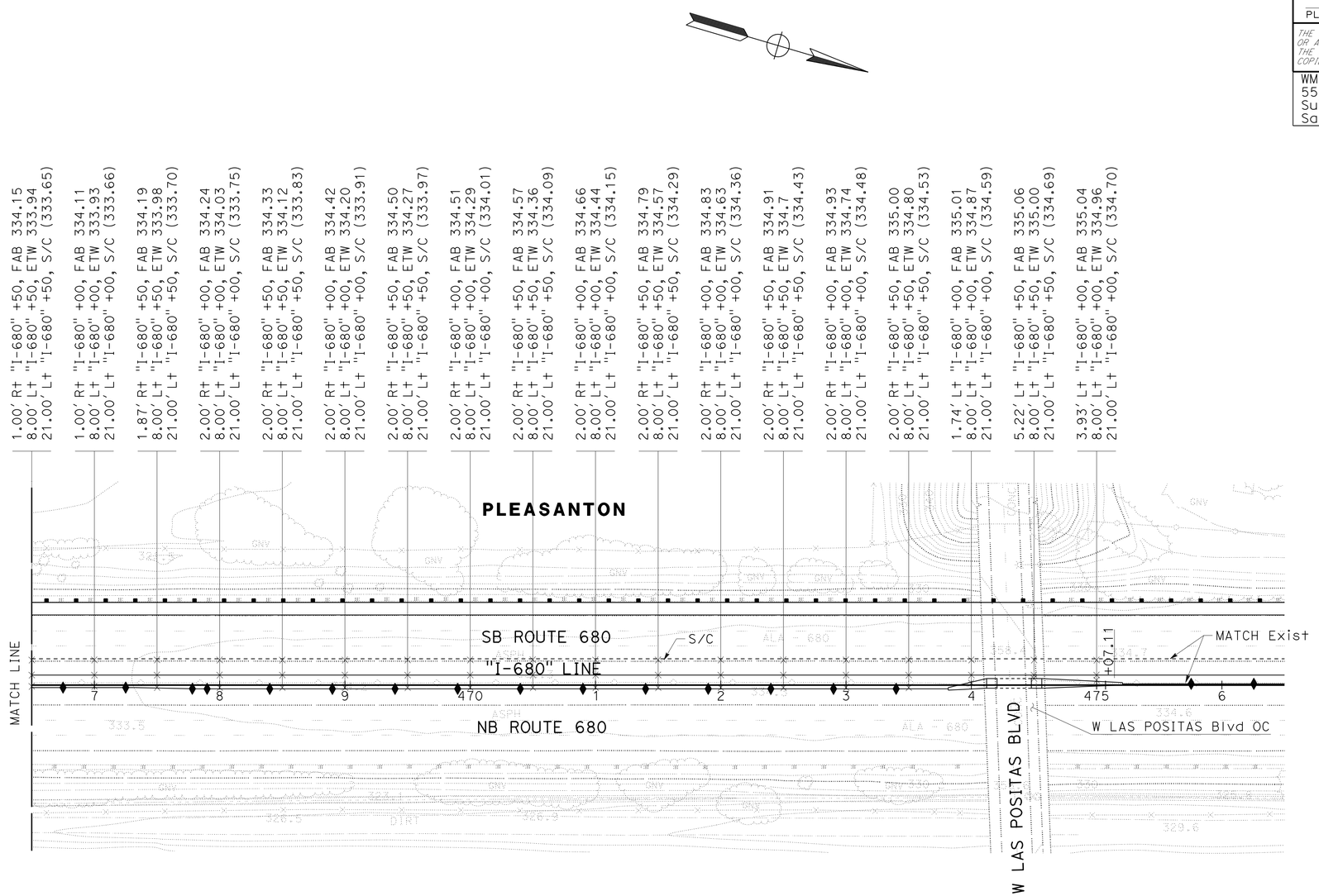
2.00' R+ "I-680" +00, FAB 334.93
8.00' L+ "I-680" +00, ETW 334.74
21.00' L+ "I-680" +00, S/C (334.48)

2.00' R+ "I-680" +50, FAB 335.00
8.00' L+ "I-680" +50, ETW 334.80
21.00' L+ "I-680" +50, S/C (334.53)

1.74' L+ "I-680" +00, FAB 335.01
8.00' L+ "I-680" +00, ETW 334.87
21.00' L+ "I-680" +00, S/C (334.59)

5.22' L+ "I-680" +50, FAB 335.06
8.00' L+ "I-680" +50, ETW 335.00
21.00' L+ "I-680" +50, S/C (334.69)

3.93' L+ "I-680" +00, FAB 335.04
8.00' L+ "I-680" +00, ETW 334.96
21.00' L+ "I-680" +00, S/C (334.70)



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50'

C-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE	CALCULATED-DESIGNED BY	
		CHECKED BY	
	CHARLIE CHRES	REVISED BY	CC
	JOHN NGUYEN	DATE REVISED	9-29-21

LAST REVISION — DATE PLOTTED => 4-APR-2022 — TIME PLOTTED => 14:36

01\0030U\DRAFTING\FINAL_PS&E\0420000235ga018.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ga018.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	92	1710

REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

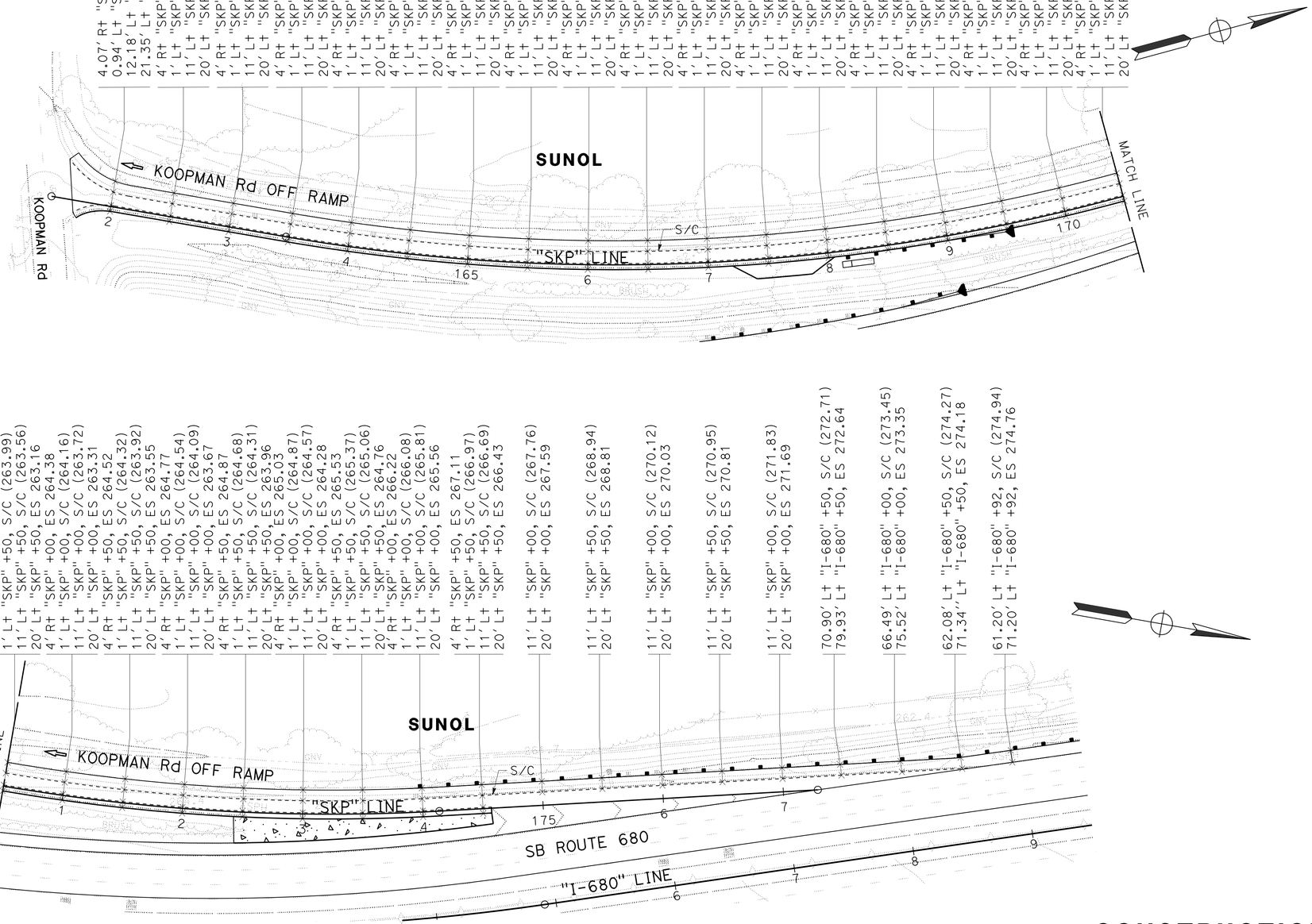
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION 55 South Market St Suite 1200 San Jose, CA 95113	ALAMEDA CTC 1111 Broadway Suite 800 Oakland, CA 94607

REVISED BY	DATE REVISED
CC	9-29-21

CALCULATED-DESIGNED BY: CHARLIE CHRES
CHECKED BY: JOHN NGUYEN
CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50'

C-19

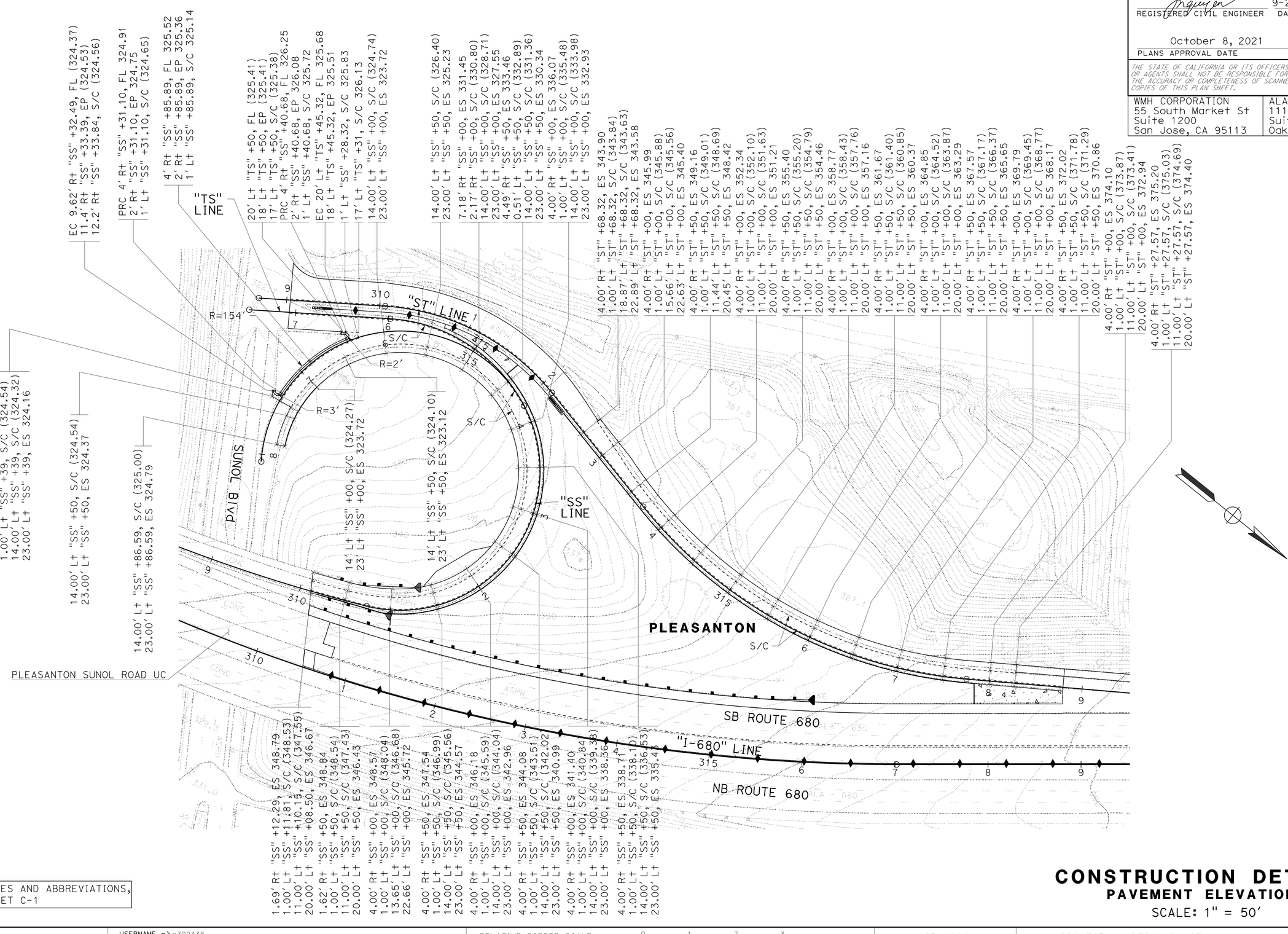
LAST REVISION — DATE PLOTTED => 4-APR-2022; TIME PLOTTED => 14:36; 09-29-21

O:\6030\DRAFTING\FINAL_PS&E\04200002351ga019.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ga019.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

SEE SHEET C-21 FOR MEDIAN ELEVATIONS FROM "ST" 309+03.57 TO "ST" 312+50.



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	93	1710

Nguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHUONG NGUYEN
No. C46770
Exp. 6-30-23
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CALCULATED-DESIGNED BY	CHARLIE CHRES	REVISED BY	CC
CHECKED BY	JOHN NGUYEN	DATE REVISED	9-29-21

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS
SCALE: 1" = 50'

C-20

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:36

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ga020.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 04200002351ga020.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

NOTE:

SEE SHEET C-20 FOR PAVEMENT ELEVATIONS ON "ST" LINE AND "SS" LINE NOT SHOWN ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	94	1710

Inguyen 9-29-21
REGISTERED CIVIL ENGINEER DATE

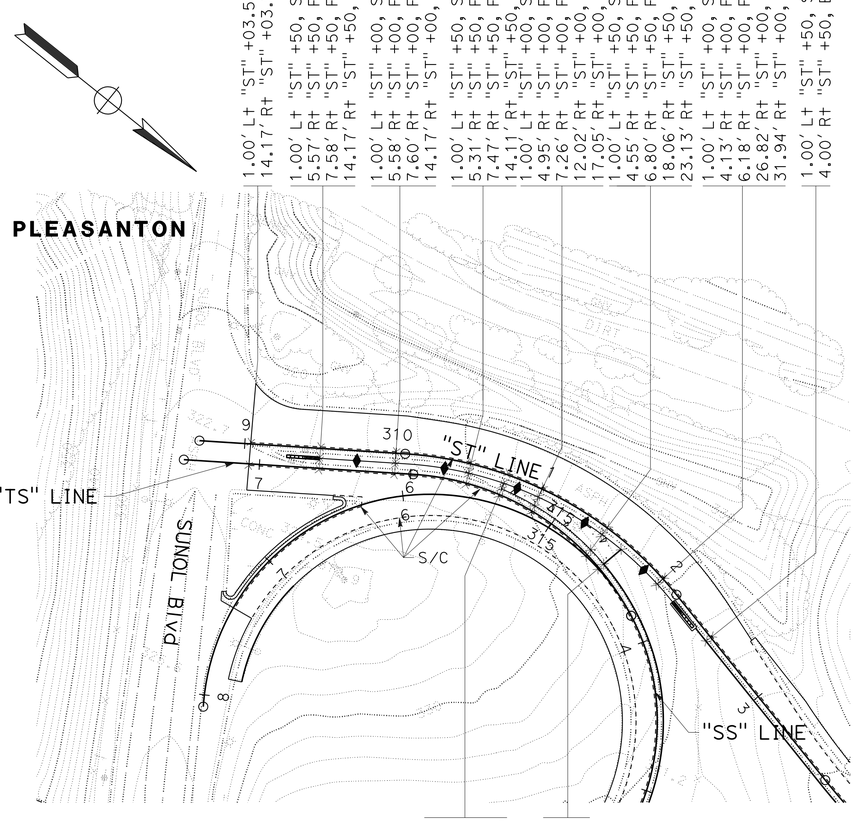
October 8, 2021
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHUONG NGUYEN — No. C46770 — Exp. 6-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

WMH CORPORATION
55 South Market St
Suite 1200
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

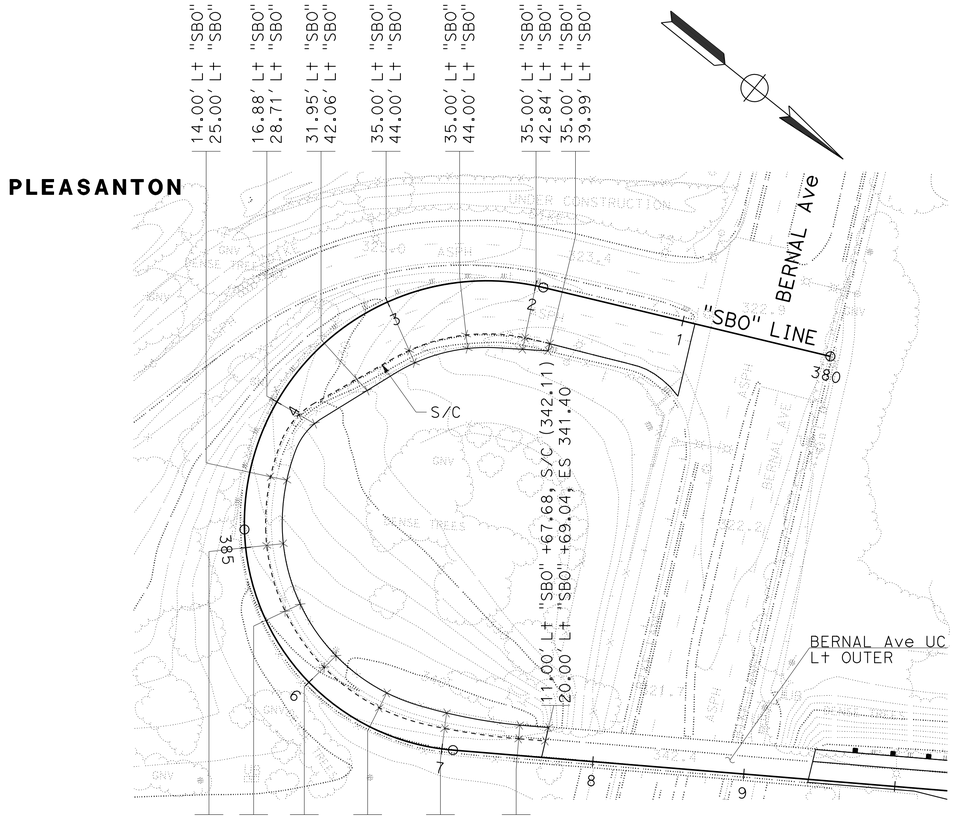


1.00′ L+ "ST" +03.57, S/C (322.62)
14.17′ R+ "ST" +03.57, S/C (323.28)

1.00′ L+ "ST" +50, S/C (324.31)
5.57′ R+ "ST" +50, FAB 324.35
7.58′ R+ "ST" +50, FAB 324.44
14.17′ R+ "ST" +50, S/C (324.55)

1.00′ L+ "ST" +00, S/C (327.01)
5.58′ R+ "ST" +00, FAB 326.97
7.60′ R+ "ST" +00, FAB 326.84
14.17′ R+ "ST" +00, S/C (326.60)

1.00′ L+ "ST" +50, S/C (330.08)
5.31′ R+ "ST" +50, FAB 329.94
7.47′ R+ "ST" +50, FAB 328.93
14.11′ R+ "ST" +50, S/C (328.37)
1.00′ L+ "ST" +00, S/C (333.28)
4.95′ R+ "ST" +00, FAB 333.23
7.26′ R+ "ST" +00, FAB 331.29
12.02′ R+ "ST" +00, EP 330.61
17.05′ R+ "ST" +00, S/C (330.04)
1.00′ L+ "ST" +50, S/C (336.35)
4.55′ R+ "ST" +50, FAB 336.31
6.80′ R+ "ST" +50, FAB 334.74
18.06′ R+ "ST" +50, EP 332.55
23.13′ R+ "ST" +50, S/C (332.06)
1.00′ L+ "ST" +00, S/C (339.54)
4.13′ R+ "ST" +00, FAB 339.50
6.18′ R+ "ST" +00, FAB 339.17
26.82′ R+ "ST" +00, ES 334.78
31.94′ R+ "ST" +00, S/C (334.25)
1.00′ L+ "ST" +50, S/C (342.71)
4.00′ R+ "ST" +50, ES 342.73



14.00′ L+ "SBO" +50, S/C (334.76)
25.00′ L+ "SBO" +50, ES 333.46

16.88′ L+ "SBO" +00, S/C (331.89)
28.71′ L+ "SBO" +00, ES 330.61

31.95′ L+ "SBO" +50, S/C (327.67)
42.06′ L+ "SBO" +50, ES 326.44

35.00′ L+ "SBO" +00, S/C (324.89)
44.00′ L+ "SBO" +00, ES 323.74

35.00′ L+ "SBO" +50, S/C (322.66)
44.00′ L+ "SBO" +50, ES 321.66

35.00′ L+ "SBO" +00, S/C (321.60)
42.84′ L+ "SBO" +00, ES 321.02
35.00′ L+ "SBO" +82, S/C (321.38)
39.99′ L+ "SBO" +82, ES 321.05

11.00′ L+ "SBO" +67.68, S/C (342.11)
20.00′ L+ "SBO" +69.04, ES 341.40

1.00′ L+ "TS" +39.77, S/C (329.20)
4.00′ R+ "TS" +39.77, EP 329.70
6.70′ R+ "TS" +39.77, FAB 329.99
8.95′ R+ "TS" +39.77, FAB 331.58
15.15′ R+ "TS" +39.77, S/C (331.70)

1.00′ L+ "TS" +57.09, S/C (332.55)
4.00′ R+ "TS" +57.09, EP 333.10
17.81′ R+ "TS" +57.09, FAB 336.09

14.00′ L+ "SBO" +00, S/C (336.83)
25.00′ L+ "SBO" +00, ES 335.37

14.00′ L+ "SBO" +50, S/C (338.54)
25.00′ L+ "SBO" +50, ES 337.30

14.00′ L+ "SBO" +00, S/C (339.47)
25.00′ L+ "SBO" +00, ES 338.16

14.00′ L+ "SBO" +50, S/C (340.91)
25.00′ L+ "SBO" +50, ES 339.83

13.62′ L+ "SBO" +00, S/C (341.58)
23.94′ L+ "SBO" +00, ES 340.62

11.00′ L+ "SBO" +50, S/C (342.07)
20.03′ L+ "SBO" +50, ES 341.28

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS
PAVEMENT ELEVATIONS

SCALE: 1" = 50′

C-21

REVISED BY	CC
DATE REVISED	9-29-21

CALCULATED-DESIGNED BY: CHARLIE CHRES
CHECKED BY: JOHN NGUYEN

CONSULTANT FUNCTIONAL SUPERVISOR: TIMOTHY J. LEE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION: DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:36

O:\0030U\DRAFTING\FINAL_PS&E\04200002351ga021.dgn

BORDER LAST REVISED 7/2/2010
USERNAME => p302438
DGN FILE => 04200000235ga021.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0733
PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	95	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

Abhijeet R. Bhoi
No. 68606
Exp. 9-30-23
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

REVISED BY	DATE REVISED
BD	9-29-21

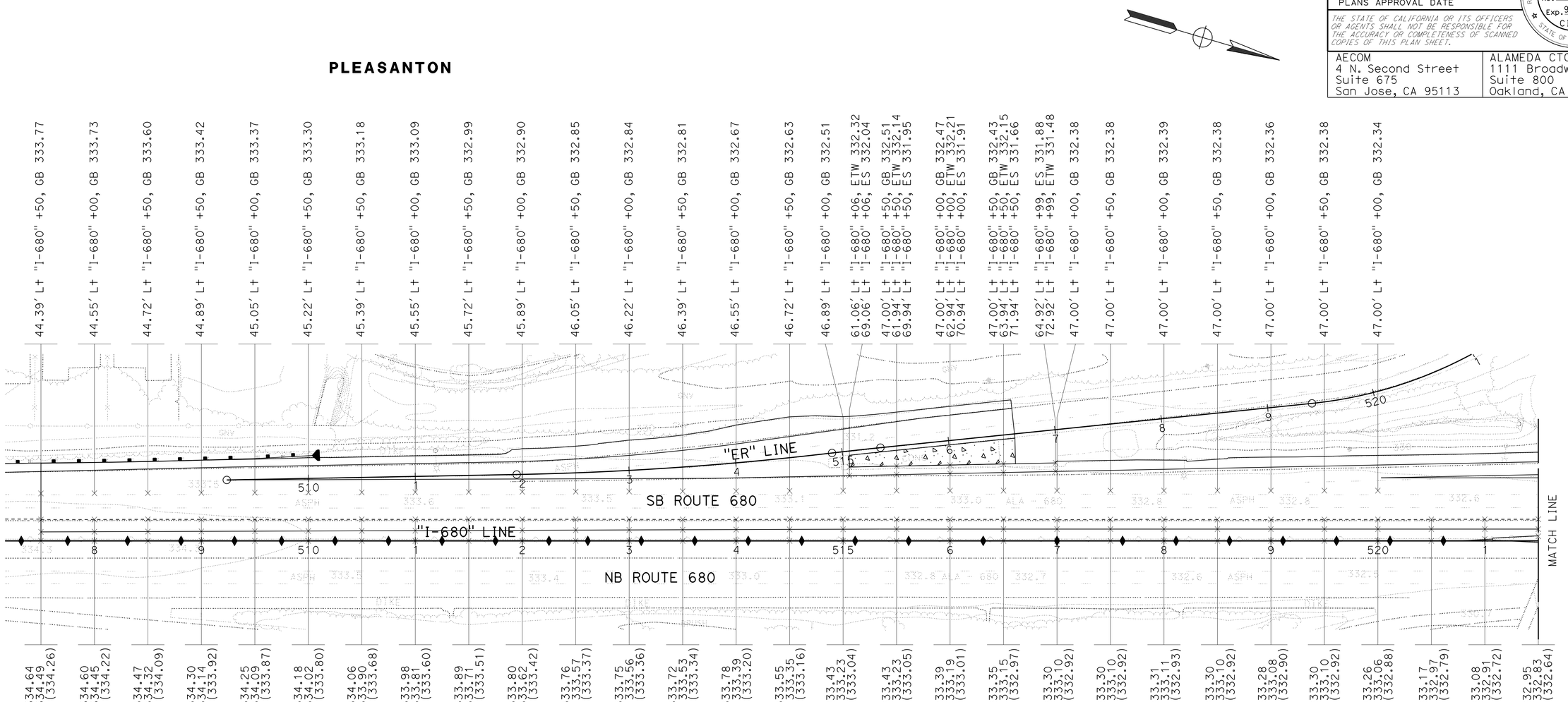
CALCULATED-DESIGNED BY	CHECKED BY
MOHA MUDAQIQ	TIANHUA SUN

CONSULTANT FUNCTIONAL SUPERVISOR
ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

O:\0030\DRAFTING\FINAL_PS&E\04200002350a022.dgn

PLEASANTON



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-22

LAST REVISION 09-29-21
DATE PLOTTED => 4-APR-2022
TIME PLOTTED => 14:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	96	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

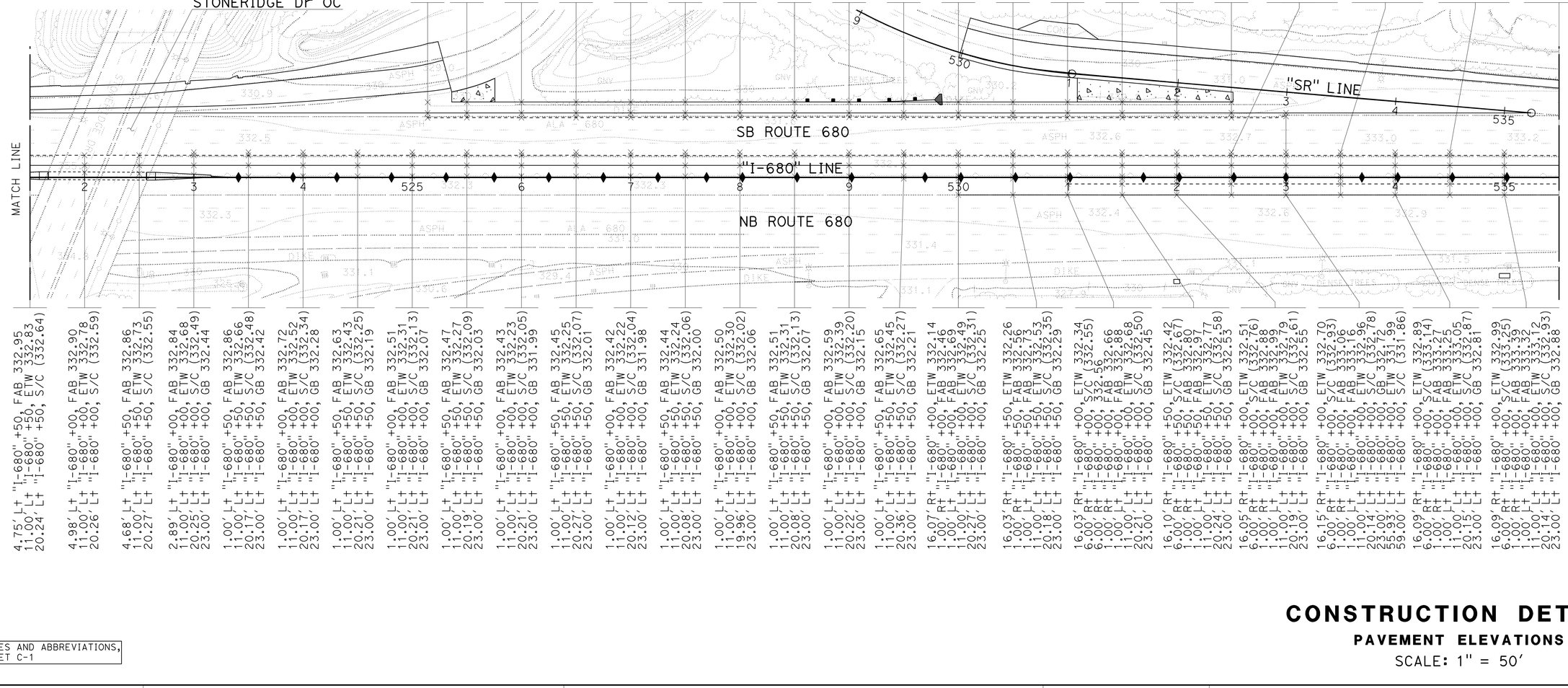
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PLEASANTON

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY: MOHA MUDAQIQ
CHECKED BY: TIANHUA SUN
CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans



FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-23

LAST REVISION: DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:37

01:\0030\DRAFTING\FINAL_PS&E\0420000235ga023.dgn

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ga023.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	97	1710

ARBhoi
REGISTERED CIVIL ENGINEER — 9-29-21 DATE

October 8, 2021
PLANS APPROVAL DATE

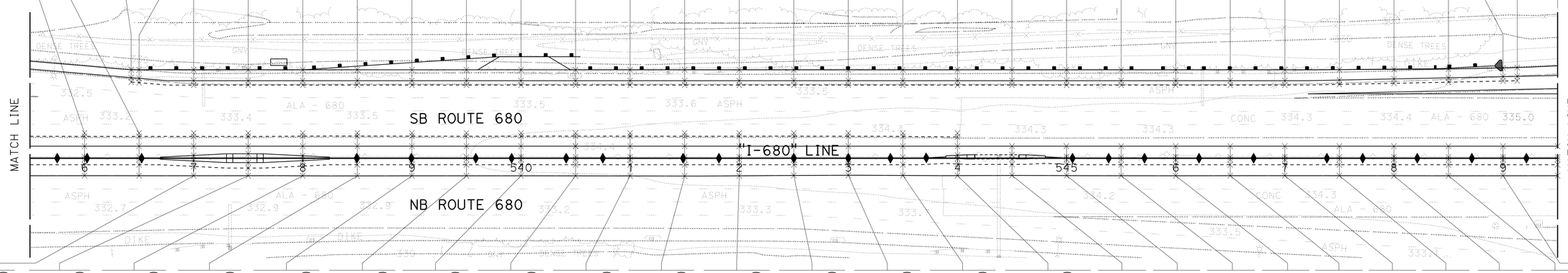
REGISTERED PROFESSIONAL ENGINEER — Abhijeet R. Bhoi — No. 68606 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PLEASANTON



| | | |

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	98	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

October 8, 2021
PLANS APPROVAL DATE

Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

PLEASANTON

"ESB" LINE
"WSL" LINE
EB ROUTE 580
WB ROUTE 580
ROUTE 680/580 Sep
"SDB" LINE
SB ROUTE 680
"I-680" LINE
NB ROUTE 680
MATCH LINE
MATCH LINE

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-25

REVISED BY	DATE REVISED
BD	9-29-21

CALCULATED-DESIGNED BY	MOHA MUDAQIQ
CHECKED BY	TIANHUA SUN

CONSULTANT FUNCTIONAL SUPERVISOR: ABHIJEET R. BHOI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION | DATE PLOTTED => 4-APR-2022
09-29-21 | TIME PLOTTED => 14:37

O:\0030\DRAFTING\FINAL_PS&E\04200002351ga025.dgn

BORDER LAST REVISED 7/2/2010

USERNAME => p302438
DGN FILE => 04200002351ga025.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0733

PROJECT NUMBER & PHASE 04200002351

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	99	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

Abhijeet R. Bhoi
No. 68606
Exp. 9-30-23
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

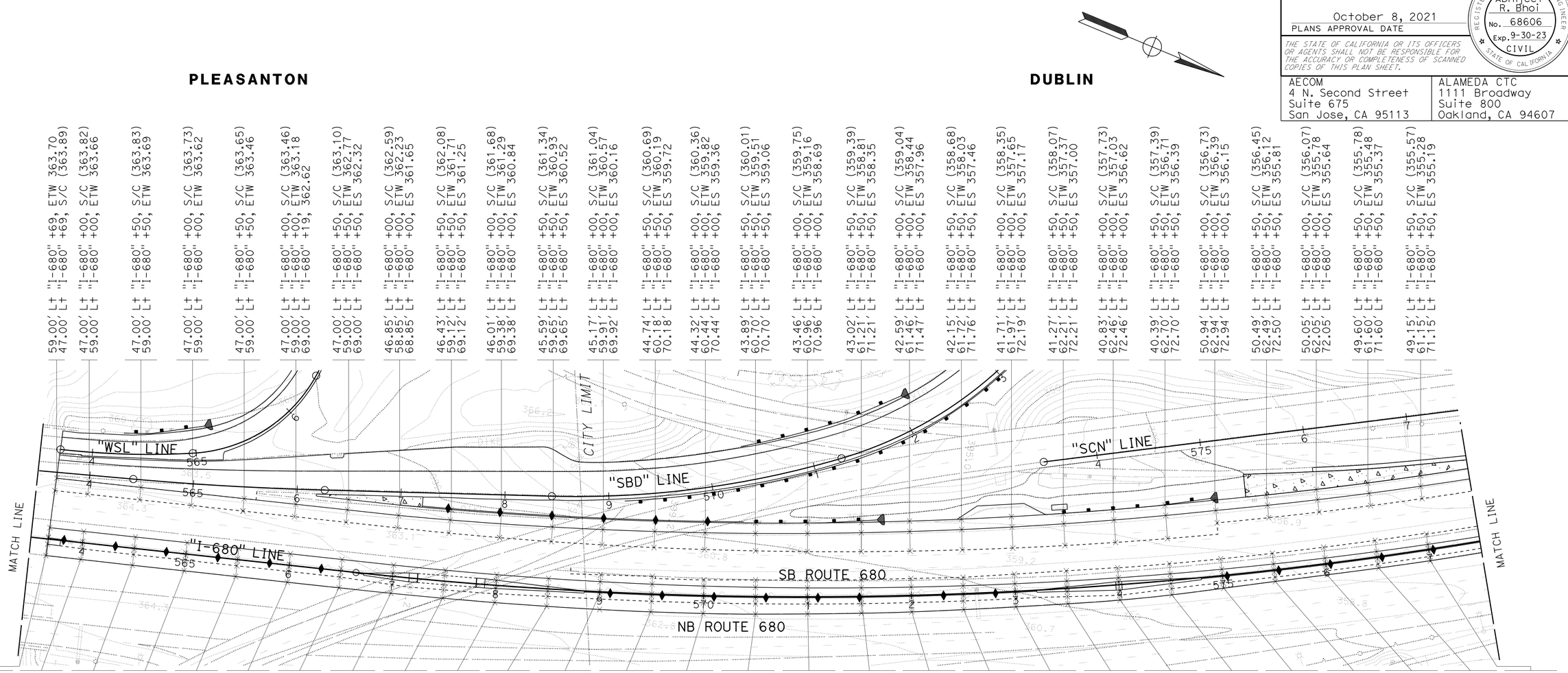
ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607

CALCULATED-DESIGNED BY	MOHA MUDAQIQ	REVISED BY	BD
CHECKED BY	TIANHUA SUN	DATE REVISED	9-29-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR
ABHIJEET R. BHOI

01\0030\DRAFTING\FINAL_PS&E\04200002350a026.dgn

PLEASANTON **DUBLIN**



| | | |

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC	680	R11.0/R21.9, R0.0/R0.9	100	1710

ARBhoi 9-29-21
REGISTERED CIVIL ENGINEER DATE

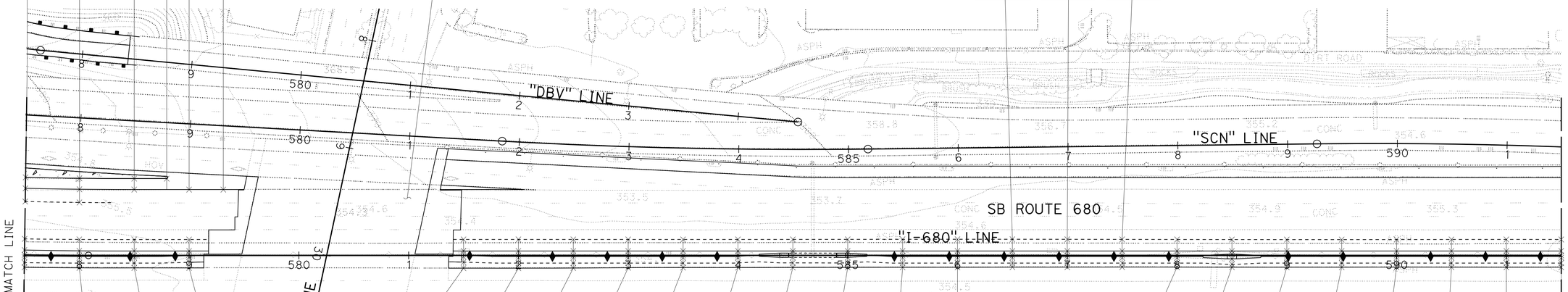
Abhijeet R. Bhoi No. 68606 Exp. 9-30-23 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 8, 2021
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

AECOM
4 N. Second Street
Suite 675
San Jose, CA 95113

ALAMEDA CTC
1111 Broadway
Suite 800
Oakland, CA 94607



48.69' L+ "I-680" +50, S/C (355.32)
60.69' L+ "I-680" +50, ETW 355.01
70.69' L+ "I-680" +50, ES 354.93

48.24' L+ "I-680" +00, S/C (355.14)
60.24' L+ "I-680" +00, ETW 354.82
70.24' L+ "I-680" +00, ES 354.63
48.02' L+ "I-680" +32, 354.98

47.00' L+ "I-680" +50, ETW 352.70
70.00' L+ "I-680" +50, ES 354.6

70.00' L+ "I-680" +79, ES 354.53

59.93' L+ "I-680" +00, ETW 354.64

59.98' L+ "I-680" +31, ETW 354.57

10.69' R+ "I-680" +50, ETW 354.89
7.00' R+ "I-680" +50, S/C (354.97)
2.00' R+ "I-680" +50, EAB 355.09
4.00' L+ "I-680" +50, EAB 355.07
14.72' L+ "I-680" +50, S/C (354.81)

10.66' R+ "I-680" +00, ETW 355.02
7.00' R+ "I-680" +00, S/C (355.10)
2.00' R+ "I-680" +00, EAB 355.21
0.00' L+ "I-680" +00, EAB 355.22
4.00' L+ "I-680" +00, ETW 355.16
14.68' L+ "I-680" +00, S/C (354.91)

10.61' R+ "I-680" +50, ETW 355.19
7.00' R+ "I-680" +50, S/C (355.26)
2.00' R+ "I-680" +50, EAB 355.25
4.00' L+ "I-680" +50, EAB 355.31
14.60' L+ "I-680" +50, S/C (355.07)

11.26' R+ "I-680" +50, ETW 356.86
7.00' R+ "I-680" +50, S/C (356.78)
2.00' R+ "I-680" +50, EAB 356.69
0.00' L+ "I-680" +50, EAB 356.83
4.46' L+ "I-680" +50, ETW 356.67
14.65' L+ "I-680" +50, S/C (356.29)

11.32' R+ "I-680" +00, ETW 356.57
7.00' R+ "I-680" +00, S/C (356.47)
2.00' R+ "I-680" +00, EAB 356.35
0.00' L+ "I-680" +00, EAB 356.48
4.14' L+ "I-680" +00, ETW 356.34
14.53' L+ "I-680" +00, S/C (356.02)

11.37' R+ "I-680" +50, ETW 356.14
7.00' R+ "I-680" +50, S/C (356.13)
2.00' R+ "I-680" +50, EAB 356.08
0.00' L+ "I-680" +50, EAB 356.12
4.00' L+ "I-680" +50, ETW 356.01
14.45' L+ "I-680" +50, S/C (355.77)

11.40' R+ "I-680" +00, ETW 355.91
6.33' R+ "I-680" +00, S/C (355.93)
0.72' R+ "I-680" +00, EAB 355.90
4.06' L+ "I-680" +00, EAB 355.92
14.48' L+ "I-680" +00, ETW 355.83
14.48' L+ "I-680" +00, S/C (355.58)

11.62' R+ "I-680" +50, ETW 354.68
6.16' R+ "I-680" +50, S/C (354.82)
1.45' R+ "I-680" +50, EAB 354.84
1.23' L+ "I-680" +50, EAB 354.66
4.20' L+ "I-680" +50, ETW 354.90

11.61' R+ "I-680" +00, ETW 354.59
7.00' R+ "I-680" +00, S/C (354.72)
2.00' R+ "I-680" +00, EAB 354.86
0.00' L+ "I-680" +00, EAB 354.79
4.00' L+ "I-680" +00, ETW 354.49
14.55' L+ "I-680" +00, S/C (354.49)

11.48' R+ "I-680" +50, ETW 354.37
7.00' R+ "I-680" +50, S/C (354.54)
2.00' R+ "I-680" +50, EAB 354.34
0.00' L+ "I-680" +50, EAB 354.54
4.00' L+ "I-680" +50, ETW 354.34
14.54' L+ "I-680" +50, S/C (354.34)

11.19' R+ "I-680" +00, ETW 354.32
7.00' R+ "I-680" +00, S/C (354.48)
2.00' R+ "I-680" +00, EAB 354.19
0.00' L+ "I-680" +00, EAB 354.66
4.00' L+ "I-680" +00, ETW 354.58
14.53' L+ "I-680" +00, S/C (354.21)

11.07' R+ "I-680" +50, ETW 354.35
7.00' R+ "I-680" +50, S/C (354.47)
2.00' R+ "I-680" +50, EAB 354.60
0.00' L+ "I-680" +50, EAB 354.30
4.00' L+ "I-680" +50, ETW 354.54
14.53' L+ "I-680" +50, S/C (354.20)

11.08' R+ "I-680" +00, ETW 354.41
6.81' R+ "I-680" +00, S/C (354.52)
1.80' R+ "I-680" +00, EAB 354.65
0.00' L+ "I-680" +00, EAB 354.36
4.00' L+ "I-680" +00, ETW 355.55
14.54' L+ "I-680" +00, S/C (354.23)

10.97' R+ "I-680" +50, ETW 354.47
6.78' R+ "I-680" +50, S/C (354.57)
1.78' R+ "I-680" +50, EAB 354.69
2.11' L+ "I-680" +50, EAB 354.35
4.00' L+ "I-680" +50, ETW 354.65
14.57' L+ "I-680" +50, S/C (354.33)

10.88' R+ "I-680" +00, ETW 354.48
6.75' R+ "I-680" +00, S/C (354.59)
1.69' R+ "I-680" +00, EAB 354.76
1.69' L+ "I-680" +00, EAB 354.51
4.00' L+ "I-680" +00, ETW 354.67
14.63' L+ "I-680" +00, S/C (354.30)

10.82' R+ "I-680" +50, ETW 354.62
7.00' R+ "I-680" +50, S/C (354.74)
2.00' R+ "I-680" +50, EAB 354.90
0.00' L+ "I-680" +50, EAB 354.59
4.00' L+ "I-680" +50, ETW 354.84
14.68' L+ "I-680" +50, S/C (354.50)

10.80' R+ "I-680" +00, ETW 354.73
7.00' R+ "I-680" +00, S/C (354.82)
2.00' R+ "I-680" +00, EAB 354.94
0.00' L+ "I-680" +00, EAB 354.84
4.00' L+ "I-680" +00, ETW 354.91
14.71' L+ "I-680" +00, S/C (354.65)

10.65' R+ "I-680" +00, ETW 355.33
7.00' R+ "I-680" +00, S/C (355.38)
2.00' R+ "I-680" +00, EAB 355.47
0.00' L+ "I-680" +00, EAB 355.58
4.00' L+ "I-680" +00, ETW 355.42
14.52' L+ "I-680" +00, S/C (355.18)

10.73' R+ "I-680" +50, ETW 355.44
8.10' R+ "I-680" +50, S/C (355.49)
3.10' R+ "I-680" +50, EAB 355.59
1.12' L+ "I-680" +50, EAB 355.70
4.44' L+ "I-680" +50, ETW 355.54
14.44' L+ "I-680" +50, S/C (355.32)

10.72' R+ "I-680" +00, ETW 355.54
7.00' R+ "I-680" +00, S/C (355.60)
2.00' R+ "I-680" +00, EAB 355.69
0.00' L+ "I-680" +00, EAB 355.82
4.00' L+ "I-680" +00, ETW 355.66
14.40' L+ "I-680" +00, S/C (355.48)

10.73' R+ "I-680" +50, ETW 355.64
7.00' R+ "I-680" +50, S/C (355.74)
2.00' R+ "I-680" +50, EAB 355.75
0.00' L+ "I-680" +50, EAB 355.80
4.00' L+ "I-680" +50, ETW 355.60
14.39' L+ "I-680" +50, S/C (355.60)

10.66' R+ "I-680" +00, ETW 355.82
7.00' R+ "I-680" +00, S/C (355.89)
2.00' R+ "I-680" +00, EAB 355.92
0.00' L+ "I-680" +00, EAB 355.94
4.00' L+ "I-680" +00, ETW 355.95
14.44' L+ "I-680" +00, S/C (355.75)

10.69' R+ "I-680" +50, ETW 355.93
7.00' R+ "I-680" +50, S/C (356.02)
2.00' R+ "I-680" +50, EAB 356.14
0.00' L+ "I-680" +50, EAB 355.73
4.00' L+ "I-680" +50, ETW 356.08
14.51' L+ "I-680" +50, S/C (355.86)

10.75' R+ "I-680" +00, ETW 356.09
7.00' R+ "I-680" +00, S/C (356.17)
2.00' R+ "I-680" +00, EAB 356.26
0.00' L+ "I-680" +00, EAB 356.02
4.00' L+ "I-680" +00, ETW 356.12
14.56' L+ "I-680" +00, S/C (355.96)

10.71' R+ "I-680" +50, ETW 356.17
7.00' R+ "I-680" +50, S/C (356.25)
2.00' R+ "I-680" +50, EAB 356.35
0.00' L+ "I-680" +50, EAB 356.26
4.00' L+ "I-680" +50, ETW 356.28
14.52' L+ "I-680" +50, S/C (356.06)

FOR NOTES AND ABBREVIATIONS, SEE SHEET C-1

CONSTRUCTION DETAILS

PAVEMENT ELEVATIONS

SCALE: 1" = 50'

C-27

REVISED BY	BD		
DATE REVISED	9-29-21		
CALCULATED-DESIGNED BY	MOHA MUDAQIQ		
CHECKED BY	TIANHUA SUN		
SUPERVISOR	ABHIJEET R. BHOI		
CONSULTANT FUNCTIONAL			

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

01\0030\DRAFTING\FINAL_PS&E\04200002351ga027.dgn

LAST REVISION => DATE PLOTTED => 4-APR-2022
09-29-21 TIME PLOTTED => 14:37

BORDER LAST REVISED 7/2/2010 | USERNAME => p302438 | DGN FILE => 0420000235ga027.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0733 | PROJECT NUMBER & PHASE 04200002351