

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 NORTH REGION
 PROJECT MANAGEMENT
 TEAM TAHOE - DESIGN BRANCH 3

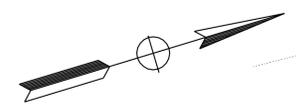
FUNCTIONAL SUPERVISOR
 MAURICIO SERRANO

TAREK TABSHOURI

REVISOR BY
 DATE REVISOR

DESIGNED BY
 CHECKED BY

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



CURVE DATA

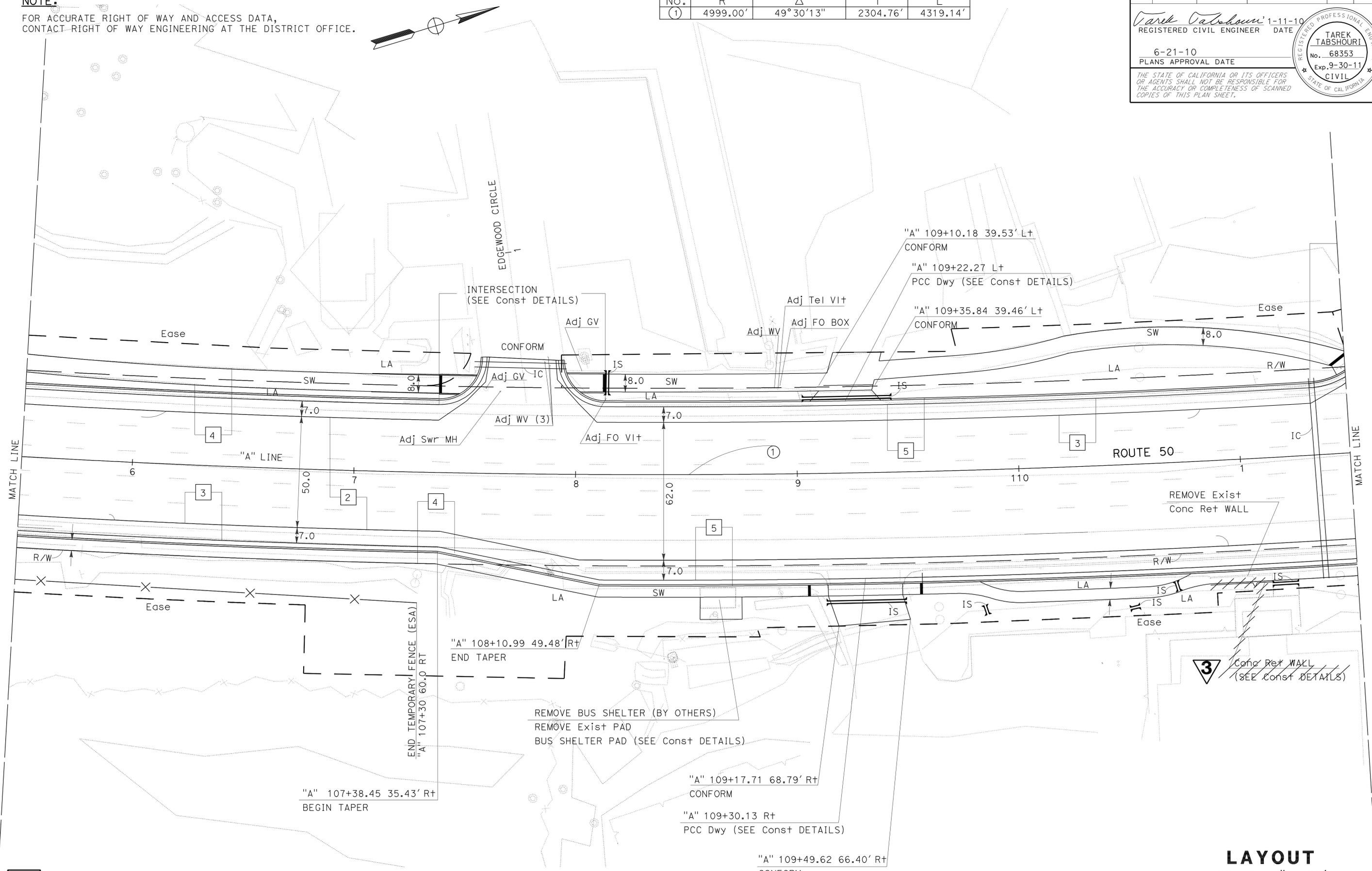
No.	R	Δ	T	L
①	4999.00'	49° 30' 13"	2304.76'	4319.14'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	12	345

Tarek Tabshour 1-11-10
 REGISTERED CIVIL ENGINEER DATE
 6-21-10
 PLANS APPROVAL DATE

TAREK TABSHOURI
 No. 68353
 Exp. 9-30-11
 CIVIL

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REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

LAYOUT
 SCALE: 1" = 20'

L-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	19	345

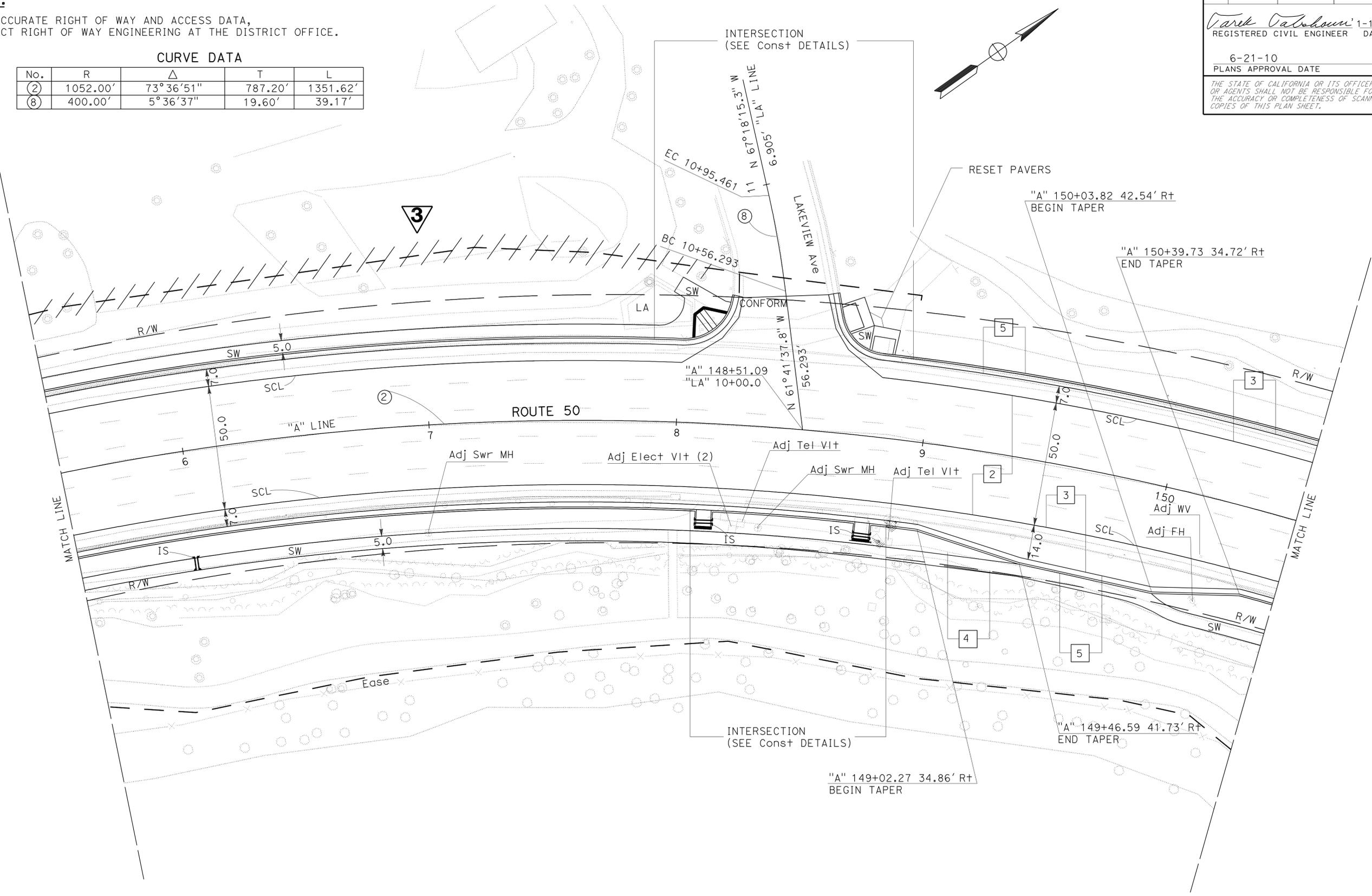
Tarek Tabshouri 1-11-10
 REGISTERED CIVIL ENGINEER DATE
 6-21-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 TAREK TABSHOURI
 No. 68353
 Exp. 9-30-11
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 STATE OF CALIFORNIA

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No.	R	Δ	T	L
(2)	1052.00'	73° 36' 51"	787.20'	1351.62'
(8)	400.00'	5° 36' 37"	19.60'	39.17'



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 CALCULATED/DESIGNED BY
 CHECKED BY
 TAREK TABSHOURI
 REVISED BY
 DATE REVISED

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

LAYOUT
 SCALE: 1" = 20'
L-9

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	24	345

Tarek Tabshouri 1-11-10
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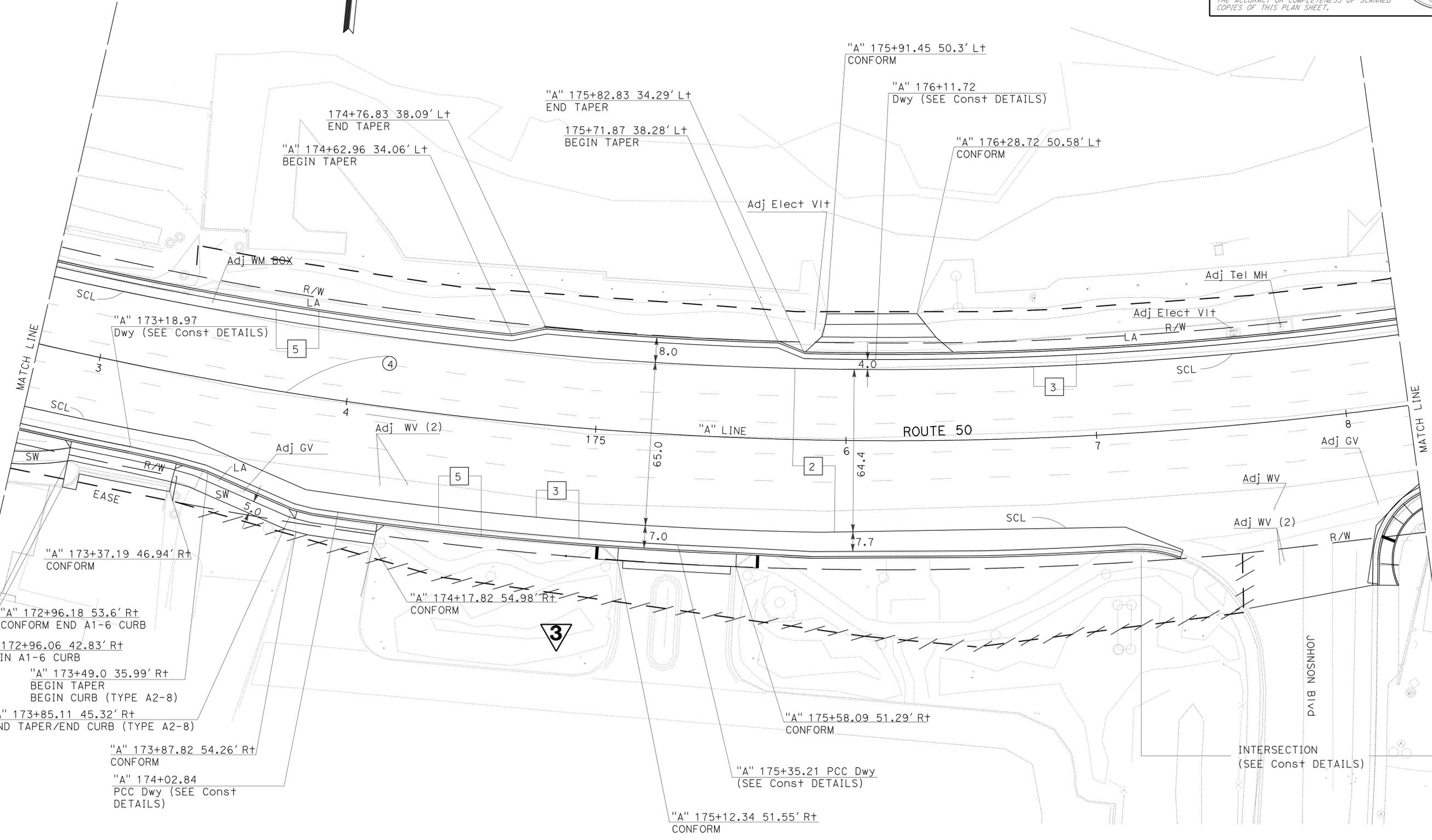
REGISTERED PROFESSIONAL ENGINEER
 TAREK TABSHOURI
 No. 68353
 Exp. 9-30-11
 CIVIL
 STATE OF CALIFORNIA

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CURVE DATA

No.	R	Δ	T	L
(4)	1511.99'	32°21'04"	440.89'	858.24'



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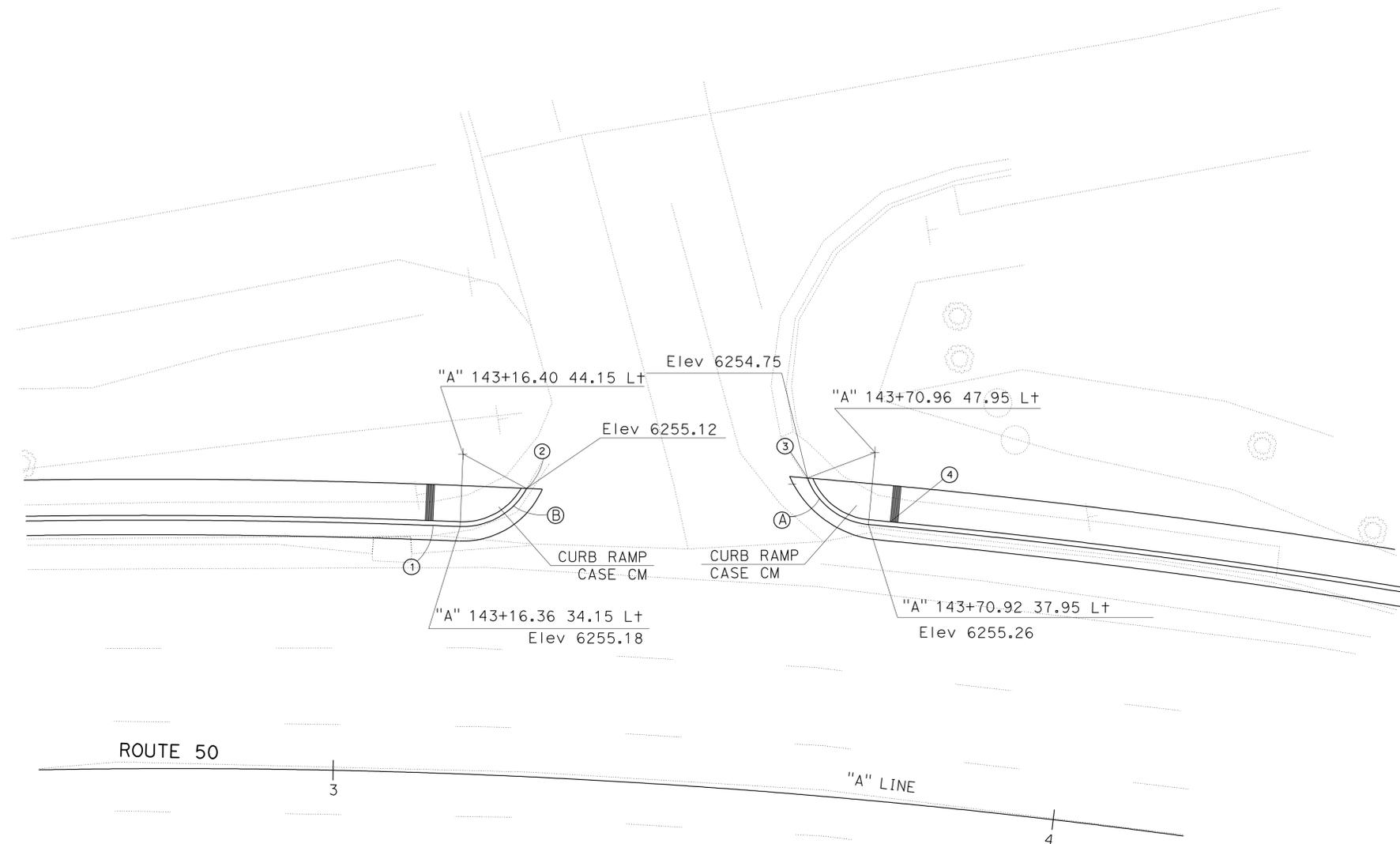
LAYOUT
 SCALE: 1" = 20'
L-14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	43	345

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CURVE DATA

No.	R	Δ	T	L
(A)	10'	64°2'42"	6.25'	11.18'
(B)	10'	62°24'38"	6.06'	10.89'

No.	STATION	OFFSET	SIDE	COMMENTS
(1)	143+12.72	34.17	L+	BEGIN RAMP
(2)	143+25.05	39.78	L+	END RAMP
(3)	143+62.31	43.64	L+	BEGIN RAMP
(4)	143+73.82	38.00	L+	END RAMP

INTERSECTION AT SAN JOSE AVENUE

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

CONSTRUCTION DETAILS
SCALE: 1" = 10'

C-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

SUPERVISING ENGINEER
MAURICIO SERRANO

REVISOR BY
DATE REVISOR

CHECKED BY

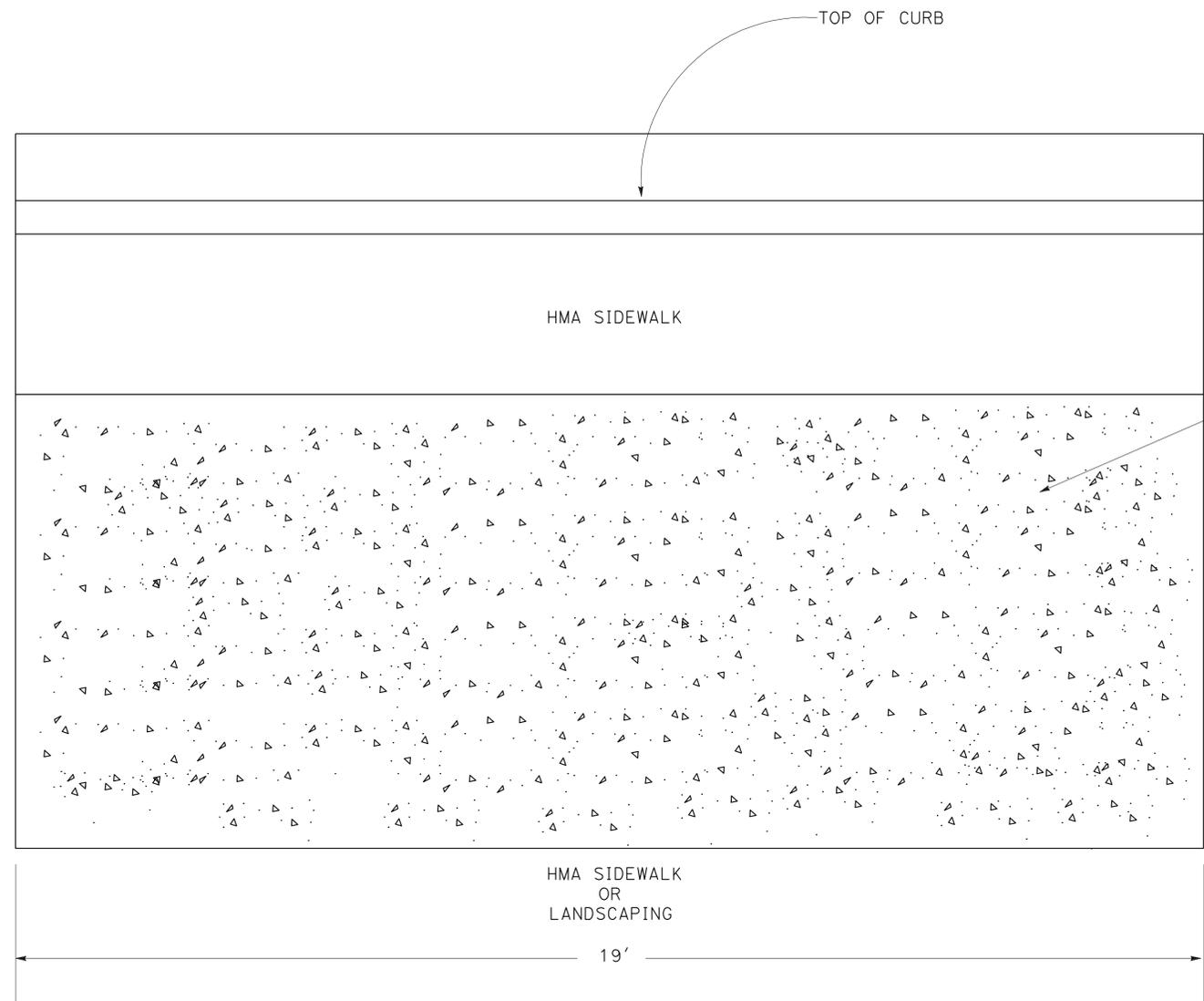
CALCULATED/DESIGNED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	57	345

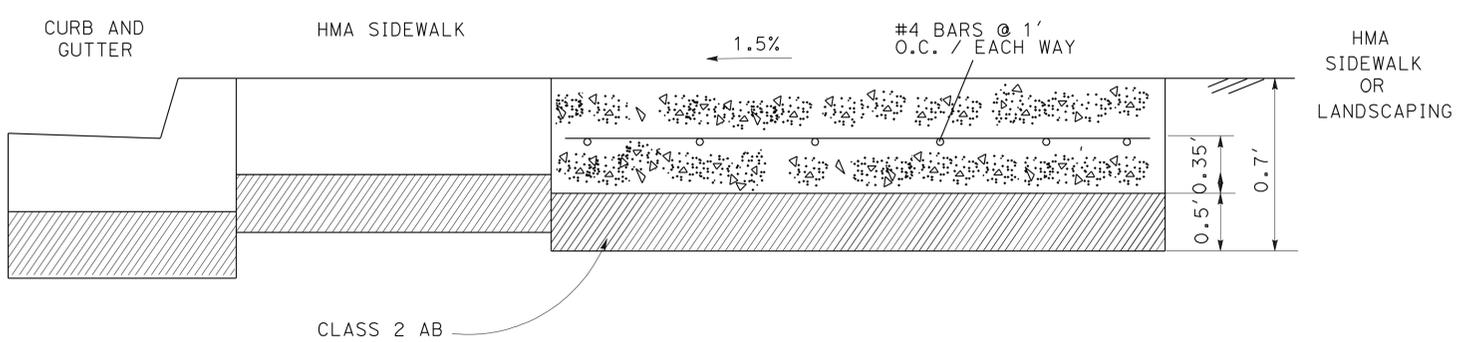
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LAYOUT	PROXIMITY	SIDE	CORNER INFORMATION	
			STATION	OFFSET
L-2	108+70	EB	108+56.28	55.21'
			108+84.44	55.21'
			108+84.44	65.21'
L-5	123+10	EB	123+01.22	50.73'
			123+20.22	50.73'
			123+20.22	60.73'
L-11	157+28	EB	157+19.86	49.19'
			157+38.96	49.19'
			157+38.96	59.19'
L-13	169+70	EB	157+19.86	59.19'
			168+61.98	49.53'
			168+80.98	49.53'
L-8	144+03	WB	168+80.98	59.53'
			168+61.98	59.53'
			143+93.72	43.51'
			143+93.72	53.49'
			144+11.81	53.49'
			144+11.81	43.51'



ELEVATION VIEW

**CONSTRUCTION DETAILS
BUS SHELTER PAD**

NO SCALE

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

C-20

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 NORTH REGION
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 TEAM TAHOE - DESIGN BRANCH 3
 FUNCTIONAL SUPERVISOR
 MAURICIO SERRANO
 CALCULATED/DESIGNED BY
 CHECKED BY
 TAREK TABSHOURI
 MARC ESPITIA
 REVISOR BY
 DATE REVISOR

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA,
SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

- 1- LOCATION OF THE FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 2- ALL ELEVATIONS SHOWN REFER TO THE TOP OF THE PIPE ELEVATION UNLESS OTHERWISE INDICATED.
- 3- UTILITY OWNERSHIP:

GAS SOUTHWEST GAS (SWG) (SHEETS 1-8)
 WATER SOUTH TAHOE PUBLIC UTILITY DISTRICT (STPUD) (SHEETS 17-24)
 ELECTRIC SIERRA PACIFIC POWER (SHEETS 9-16)
 TELEPHONE AT&T (SHEETS 1-8)
 SEWER STPUD (SHEETS 17-24)
 CABLE CHARTER COMMUNICATION (SHEETS 9-16)

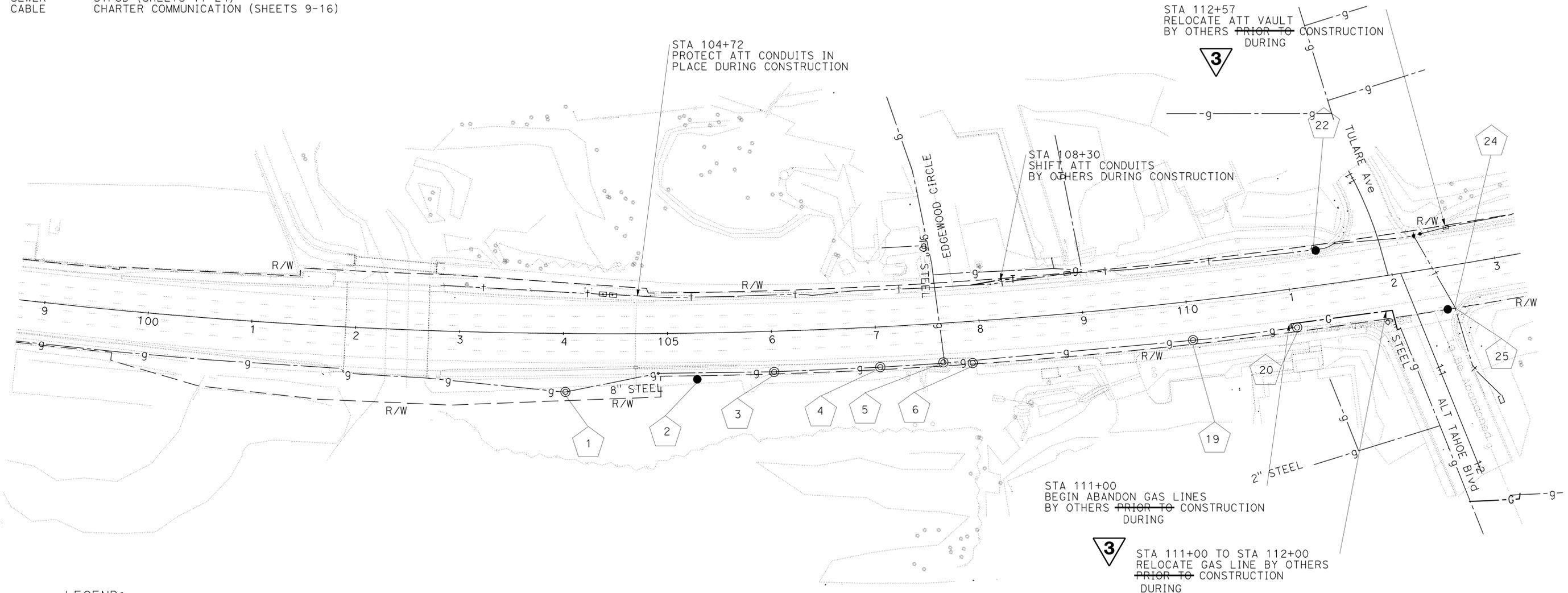
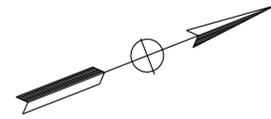
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03	ED	50	77.3/79.3	141	345

1-11-10
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REBECCA REAL
 No. C72044
 Exp 6-30-10
 CIVIL

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LEGEND:

- ⊙ ELECTRONIC DETECTION (ED)
- POTHOLE (PH)
- X PH/ED NUMBER

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

**UTILITY PLAN
 GAS AND TELEPHONE**

SCALE: 1" = 50'

U-1

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 NORTH REGION
 OFFICE OF PROJECT MANAGEMENT B
 TEAM TAHOE BRANCH 3
 REBECCA REAL
 REVISIONS:
 REVISION NO. DATE REVISION BY
 1 11/11/10 REBECCA REAL
 2 06/21/10 REBECCA REAL
 3 10/21/10 REBECCA REAL
 FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

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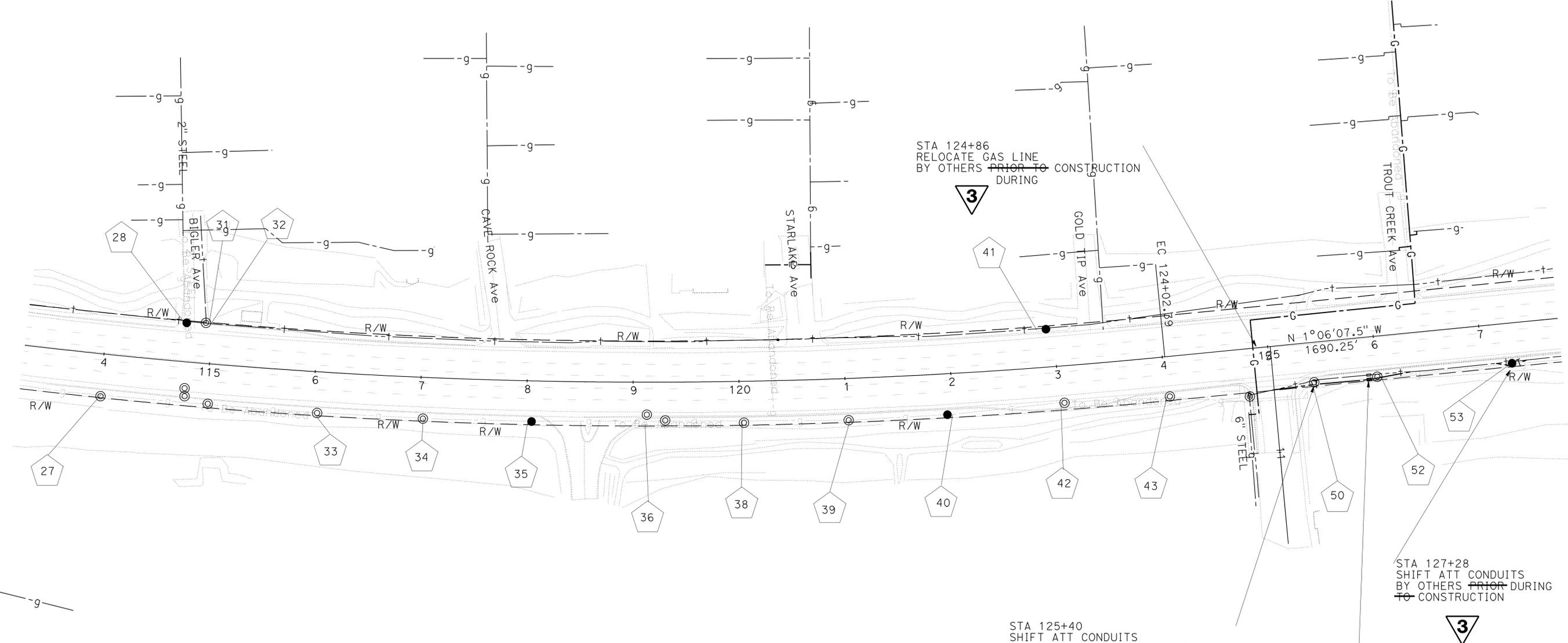
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**UTILITY PLAN
GAS AND TELEPHONE**

SCALE: 1" = 50' **U-2**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
NORTH REGION
OFFICE OF PROJECT MANAGEMENT B
TEAM TARGE BRANCH 3

REBECCA REAL

CALCULATED BY
DESIGNED BY

FUNCTIONAL SUPERVISOR

REVISOR BY
DATE REVISED

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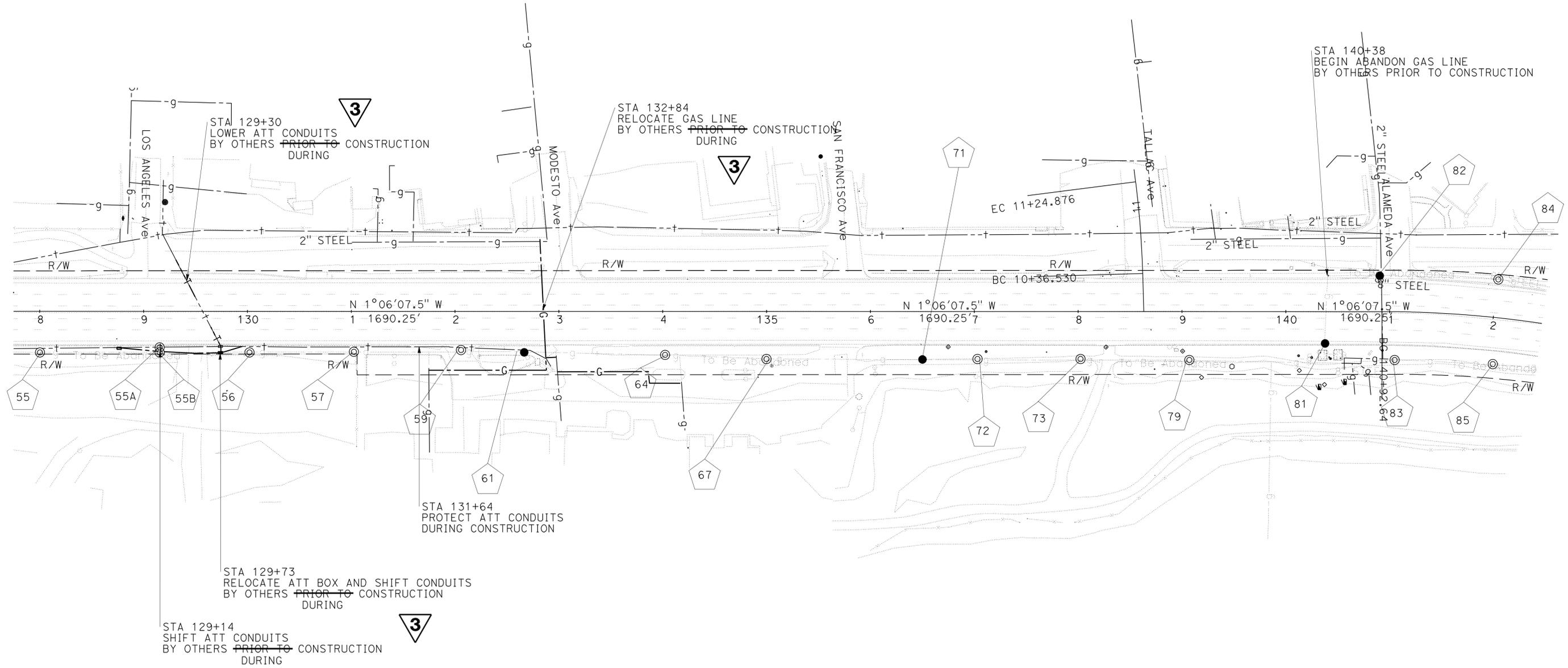
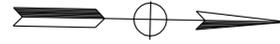
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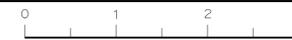
3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

**UTILITY PLAN
GAS AND TELEPHONE**

SCALE: 1" = 50'

U-3

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
NORTH REGION
OFFICE OF PROJECT MANAGEMENT B
TEAM TARGET BRANCH 3

FUNCTIONAL SUPERVISOR

REBECCA REAL

REVISOR BY DATE REVISION

CALCULATED/DESIGNED BY CHECKED BY

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	145	345

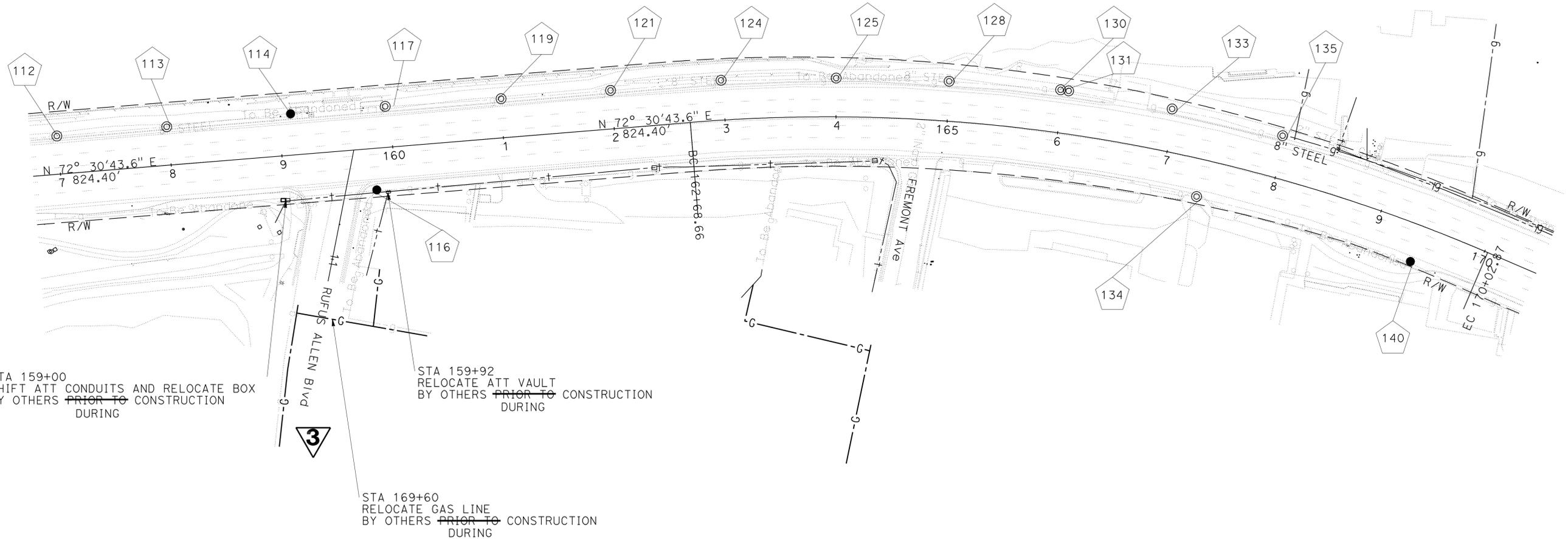
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No. C72044
Exp. 6-30-10
CIVIL

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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STA 159+00
SHIFT ATT CONDUITS AND RELOCATE BOX
BY OTHERS ~~PRIOR TO~~ DURING
CONSTRUCTION

STA 159+92
RELOCATE ATT VAULT
BY OTHERS ~~PRIOR TO~~ DURING
CONSTRUCTION

STA 169+60
RELOCATE GAS LINE
BY OTHERS ~~PRIOR TO~~ DURING
CONSTRUCTION



3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

**UTILITY PLAN
GAS AND TELEPHONE**
SCALE: 1" = 50'
U-5

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Caltrans
NORTH REGION
OFFICE OF PROJECT MANAGEMENT B
TEAM TARGET BRANCH 3

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE
1" = 100'

USERNAME => trfpierce
DGN FILE => 31a73uka005.dwg

CU 03265

EA 1A73U1

LAST REVISION DATE PLOTTED => 19-OCT-2010
06-18-08 TIME PLOTTED => 13:35

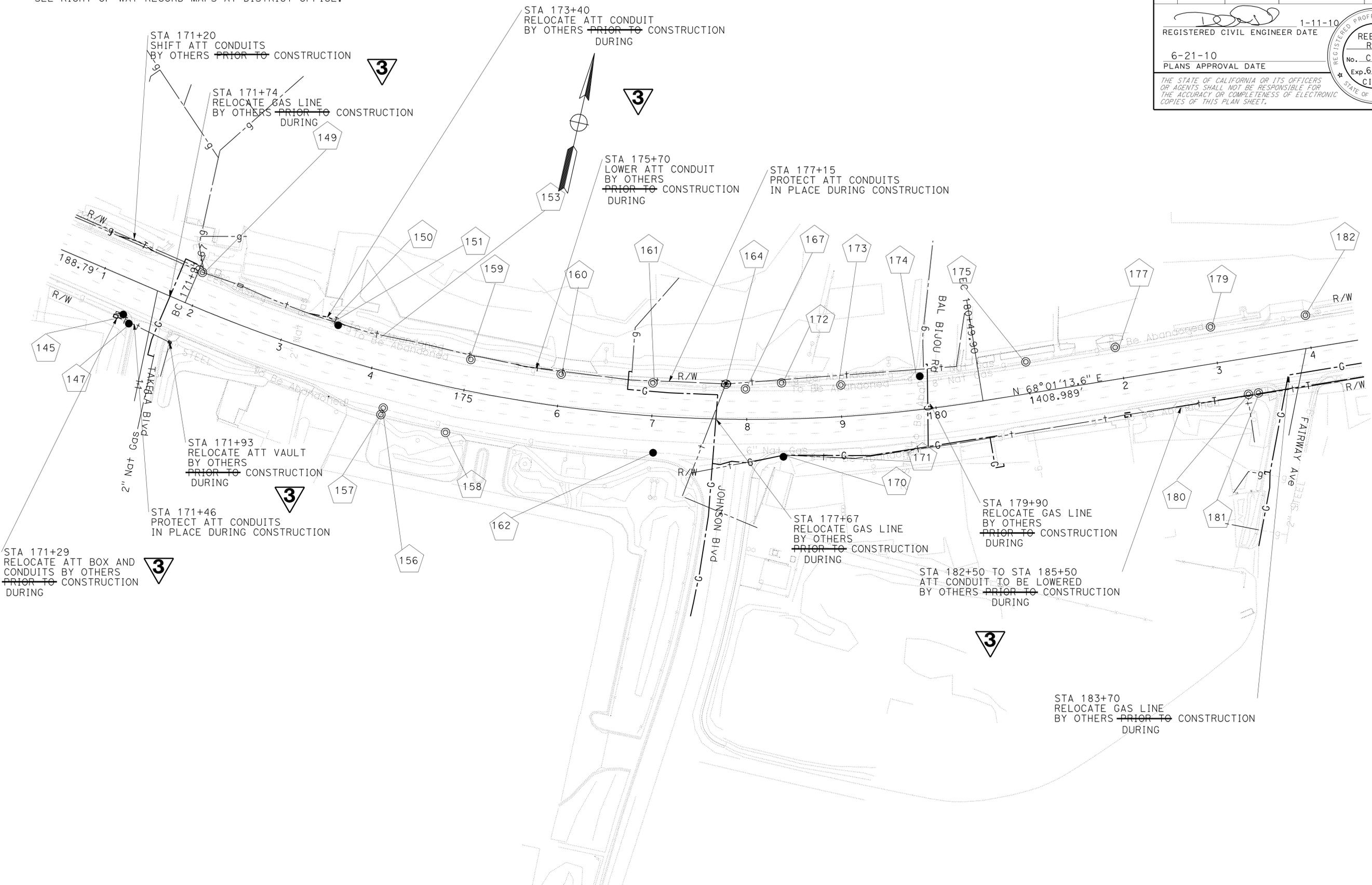
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**UTILITY PLAN
GAS AND TELEPHONE**

SCALE: 1" = 50' **U-6**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 NORTH REGION
 OFFICE OF PROJECT MANAGEMENT B
 TEAM TAJROE BRANCH 3

FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
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 REBECCA REAL
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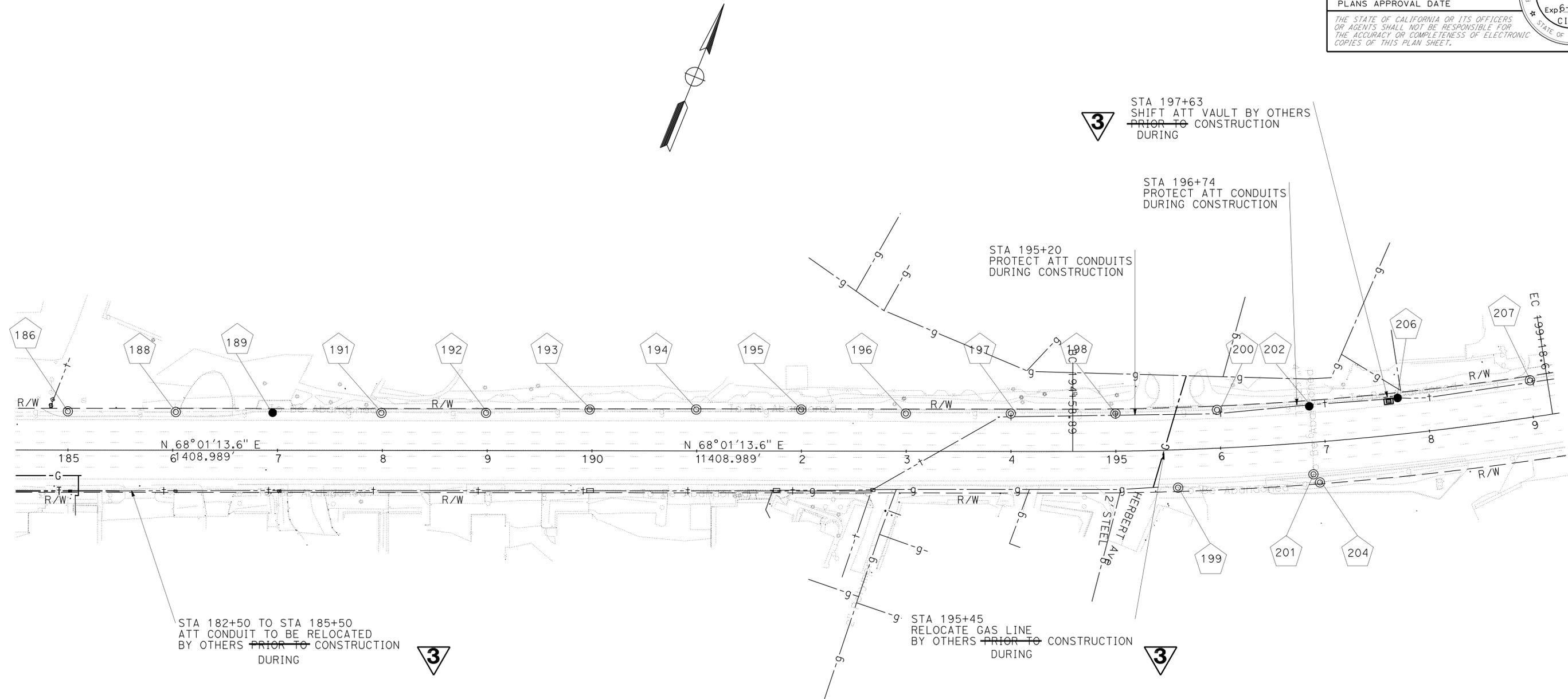
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**UTILITY PLAN
GAS AND TELEPHONE**

SCALE: 1" = 50'

U-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
NORTH REGION
OFFICE OF PROJECT MANAGEMENT B
TEAM TARGE BRANCH 3

Caltrans

REVISOR
DATE

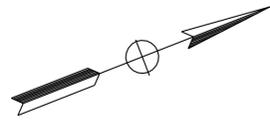
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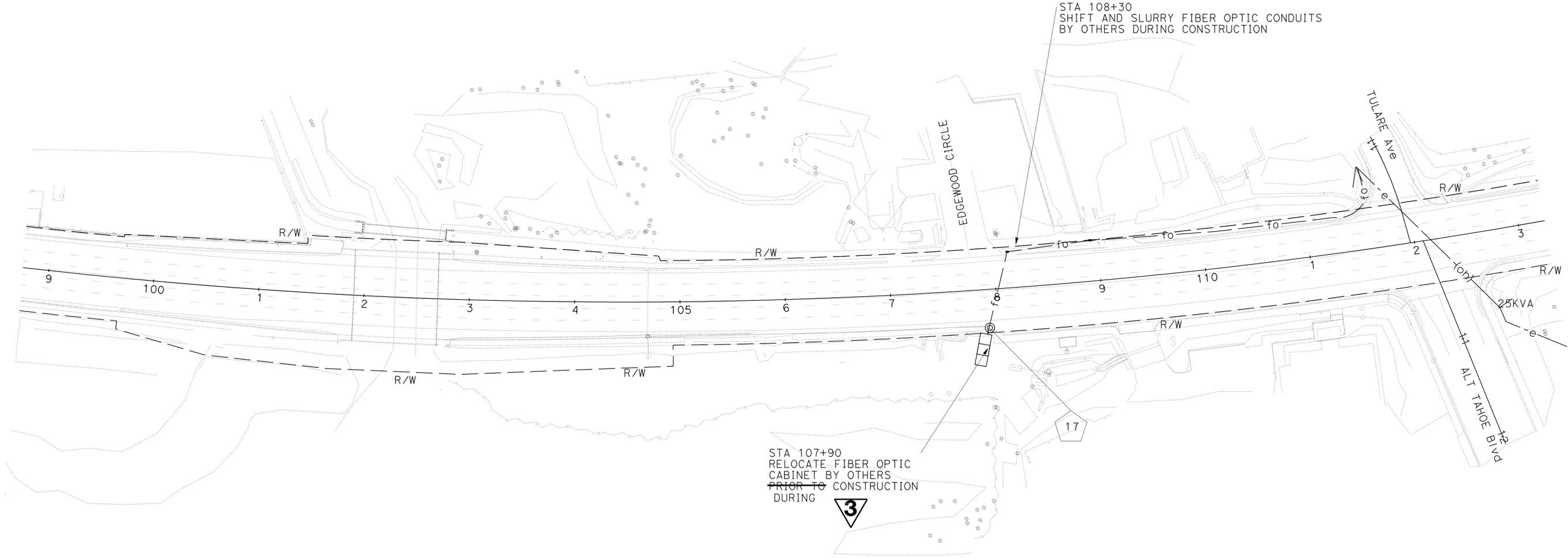
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Caltrans
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REBECCA REAL

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FUNCTIONAL SUPERVISOR

REVISOR BY
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**UTILITY PLAN
 ELECTRIC AND FIBER OPTIC**

SCALE: 1" = 50'

U-9

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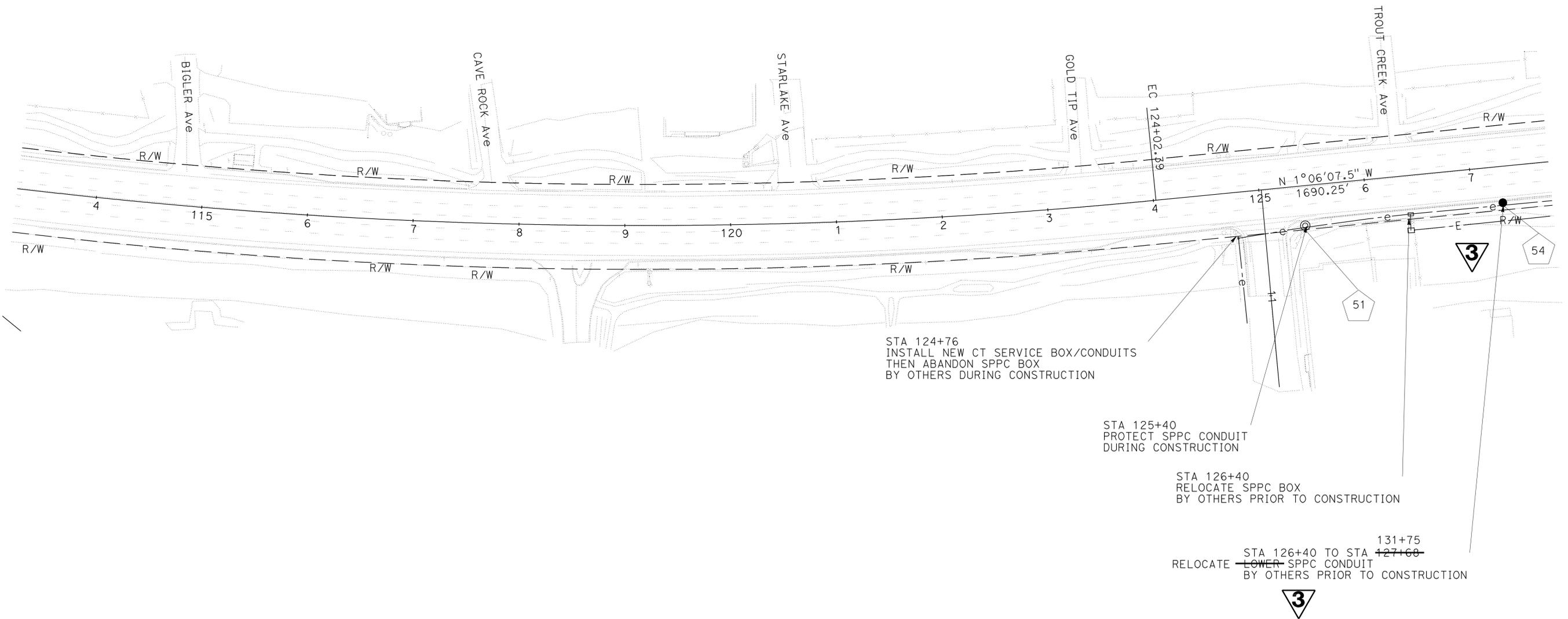
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**UTILITY PLAN
ELECTRIC AND FIBER OPTIC**

SCALE: 1" = 50'

U-10

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CHECKED BY	REBECCA REAL	REVISED BY
Caltrans	NORTH REGION OFFICE OF PROJECT MANAGEMENT B TEAM TARGOE BRANCH 3	DESIGNED BY		DATE REVISED

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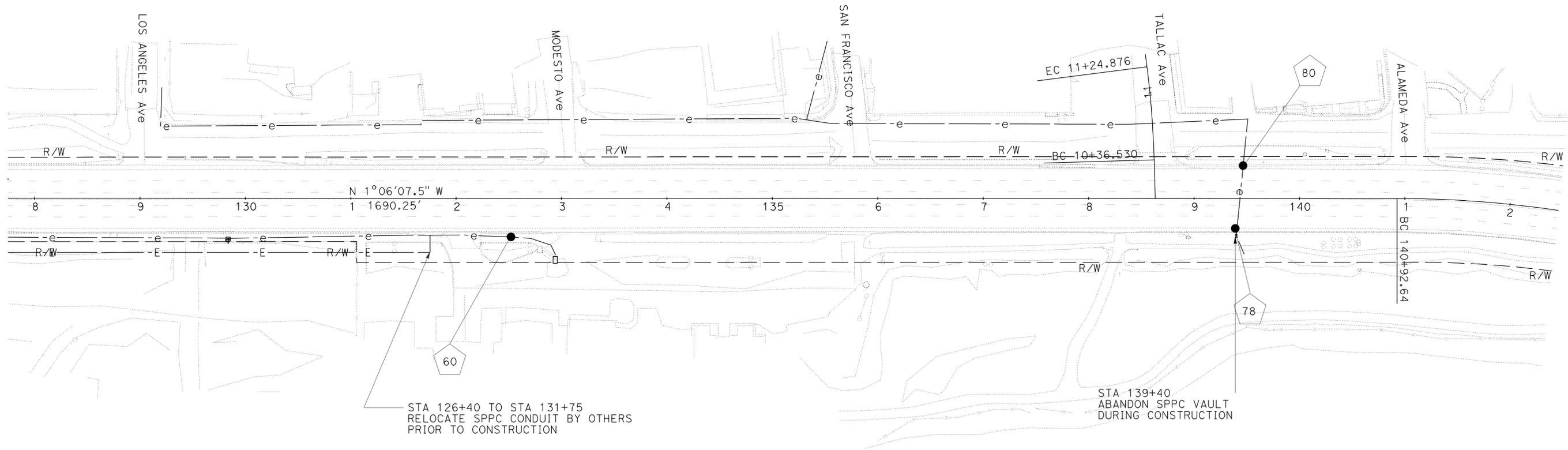
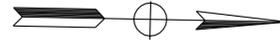
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**UTILITY PLAN
ELECTRIC AND FIBER OPTIC**

SCALE: 1" = 50'

U-11

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TEAM TAIHOE BRANCH 3

FUNCTIONAL SUPERVISOR

REBECCA REAL

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DATE REVISED

CALCULATED BY
DESIGNED BY

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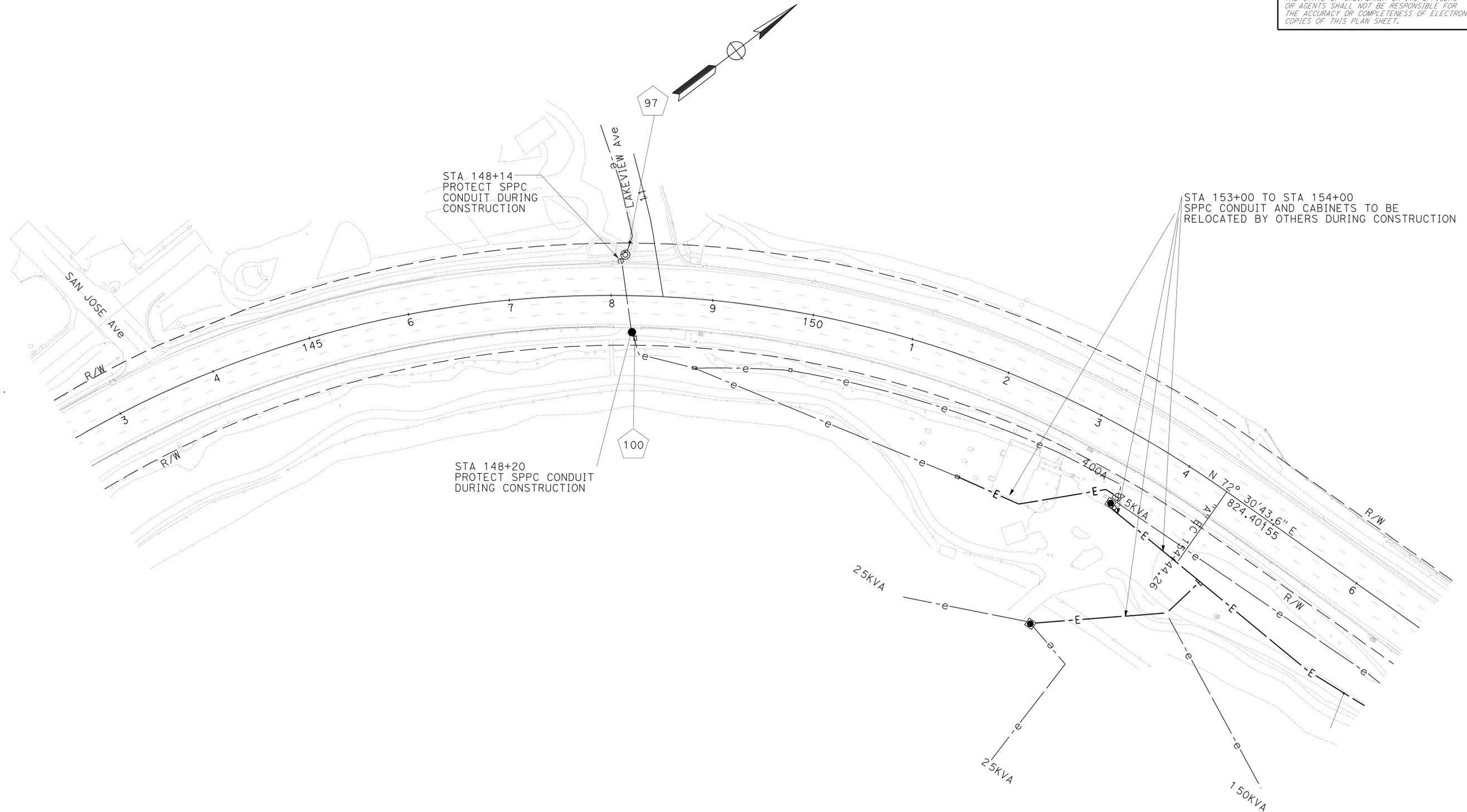
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UTILITY PLAN
ELECTRIC AND FIBER OPTIC

SCALE: 1" = 50' U-12

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NORTH REGION			
OFFICE OF PROJECT MANAGEMENT B			
TEAM TARGE BRANCH 3			
FUNCTIONAL SUPERVISOR			
CALCULATED/DESIGNED BY			
CHECKED BY			

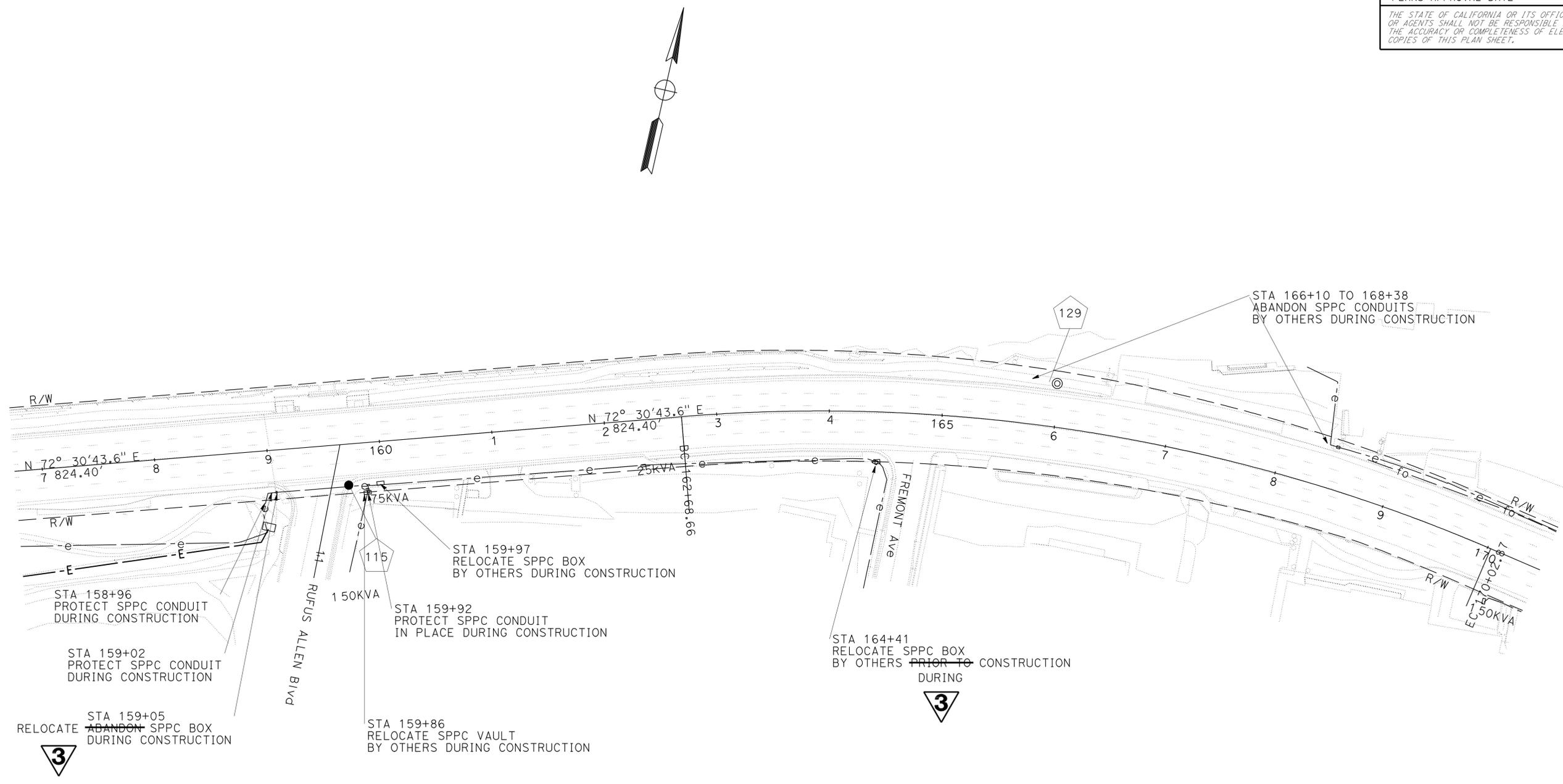
NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA,
SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	153	345

REGISTERED CIVIL ENGINEER DATE	1-11-10
PLANS APPROVAL DATE	6-21-10

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 NORTH REGION
 OFFICE OF PROJECT MANAGEMENT B
 TEAM TARGE BRANCH 3
 FUNCTIONAL SUPERVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 REBECCA REAL
 REVISED BY
 DATE REVISED



3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

**UTILITY PLAN
ELECTRIC AND FIBER OPTIC**
SCALE: 1" = 50'
U-13

THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA,
SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

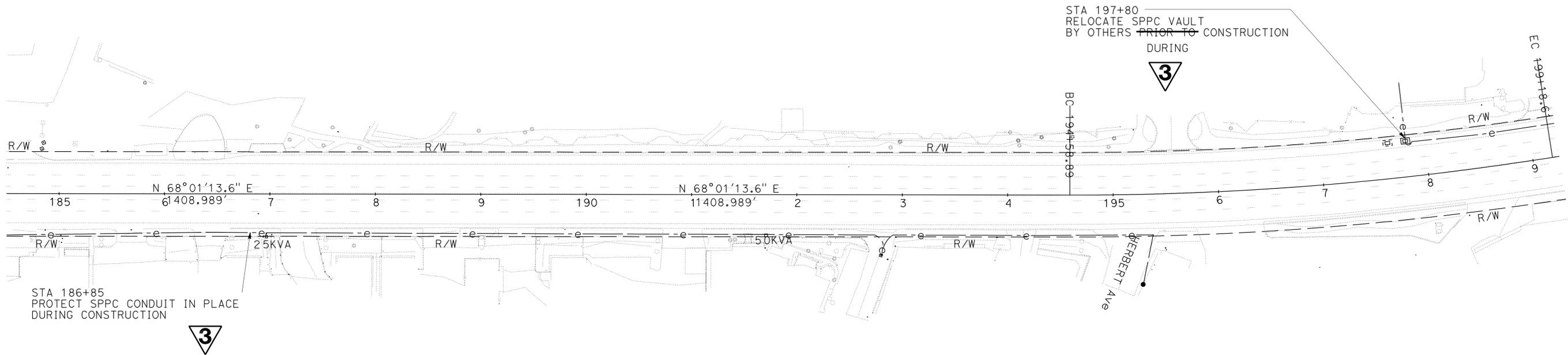
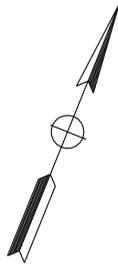
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	155	345

1-11-10
REGISTERED CIVIL ENGINEER DATE

6-21-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
REBECCA REAL
No. C72044
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
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3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

**UTILITY PLAN
ELECTRIC AND FIBER OPTIC**

SCALE: 1" = 50' **U-15**

THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
NORTH REGION
OFFICE OF PROJECT MANAGEMENT B
TEAM TARGET BRANCH 3

FUNCTIONAL SUPERVISOR

CALCULATED/DESIGNED BY

CHECKED BY

REBECCA REAL

REVISED BY

DATE REVISED

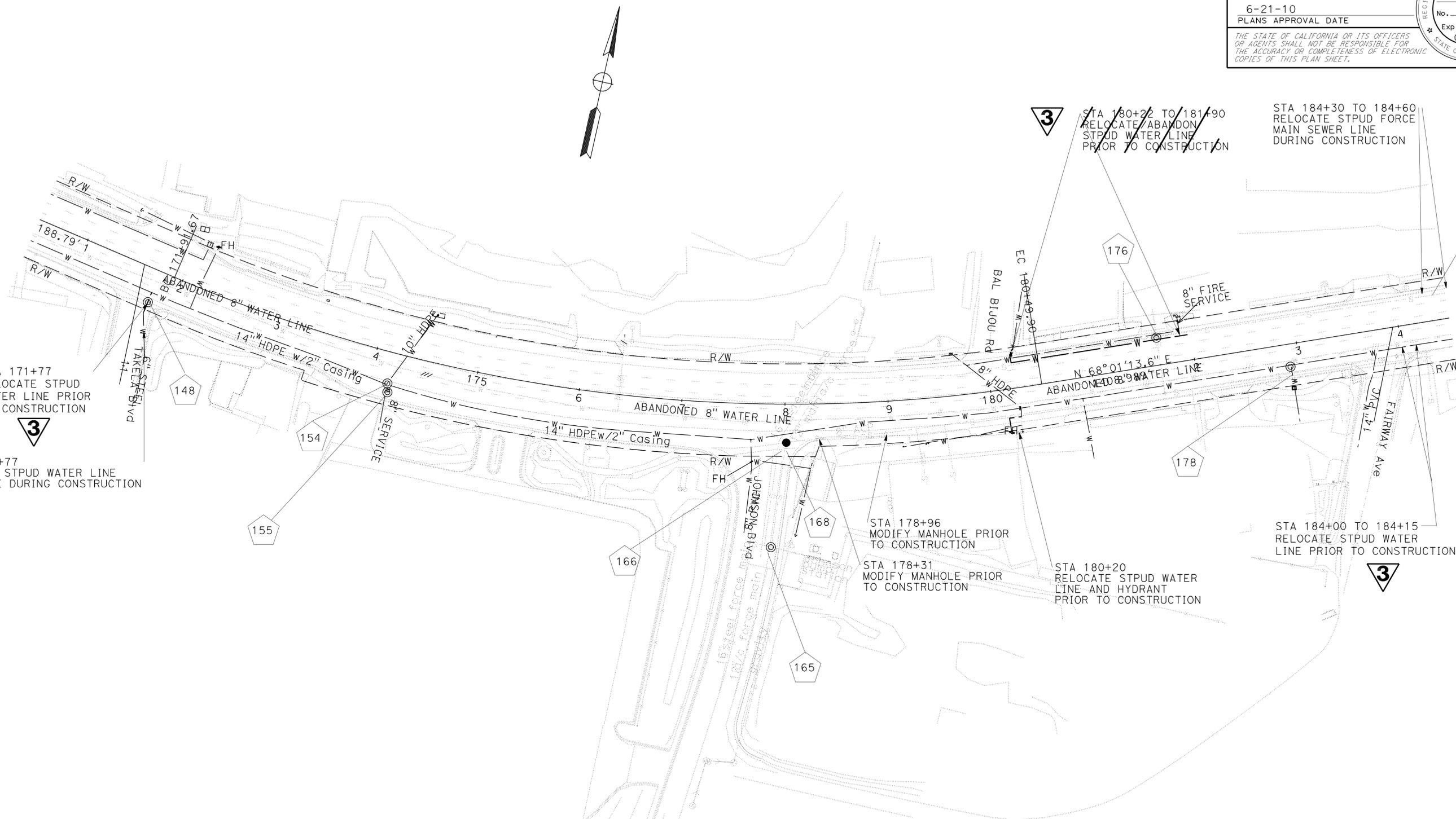
NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	162	345

1-11-10	REGISTERED CIVIL ENGINEER DATE
6-21-10	PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 REBECCA REAL
 No. C72044
 Exp. 6-30-10
 CIVIL
 STATE OF CALIFORNIA

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



3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

**UTILITY PLAN
WATER AND SEWER**

SCALE: 1" = 50' **U-22**

THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 NORTH REGION
 OFFICE OF PROJECT MANAGEMENT B
 TEAM TARGET BRANCH 3
 Caltrans

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA,
SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

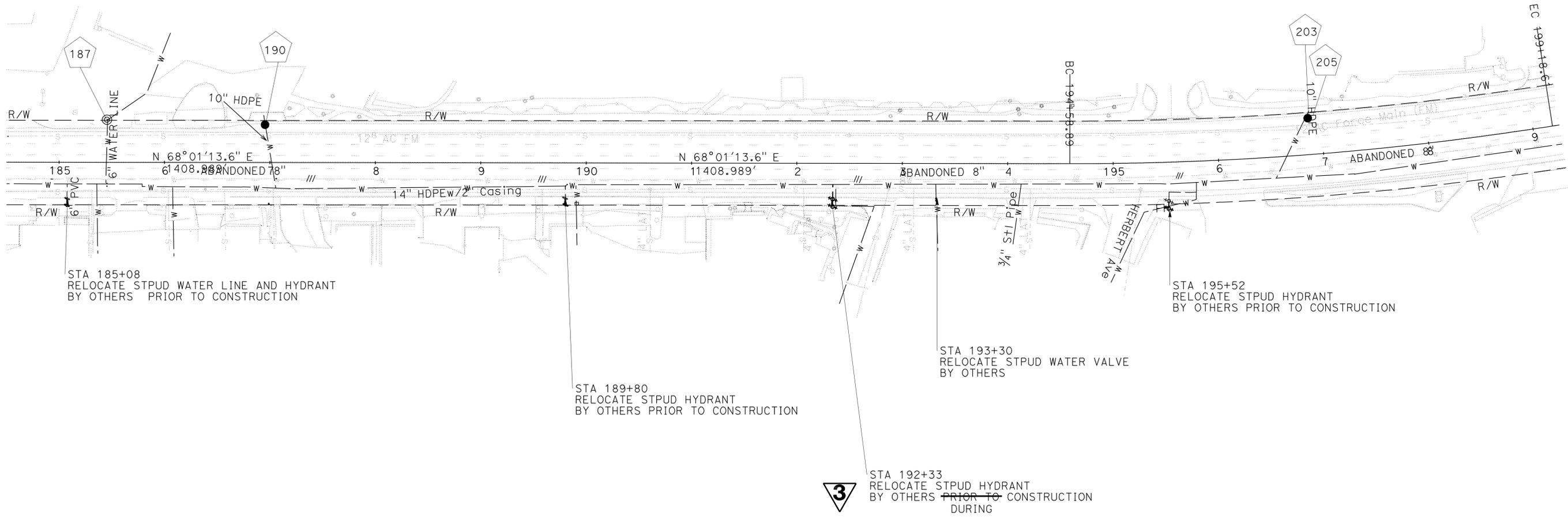
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	163	345

1-11-10
REGISTERED CIVIL ENGINEER DATE

6-21-10
PLANS APPROVAL DATE

REBECCA REAL
No. C72044
Exp 6-30-10
CIVIL

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



STA 185+08
RELOCATE STPUD WATER LINE AND HYDRANT
BY OTHERS PRIOR TO CONSTRUCTION

STA 189+80
RELOCATE STPUD HYDRANT
BY OTHERS PRIOR TO CONSTRUCTION

STA 193+30
RELOCATE STPUD WATER VALVE
BY OTHERS

STA 192+33
RELOCATE STPUD HYDRANT
BY OTHERS PRIOR TO CONSTRUCTION
DURING

STA 195+52
RELOCATE STPUD HYDRANT
BY OTHERS PRIOR TO CONSTRUCTION

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

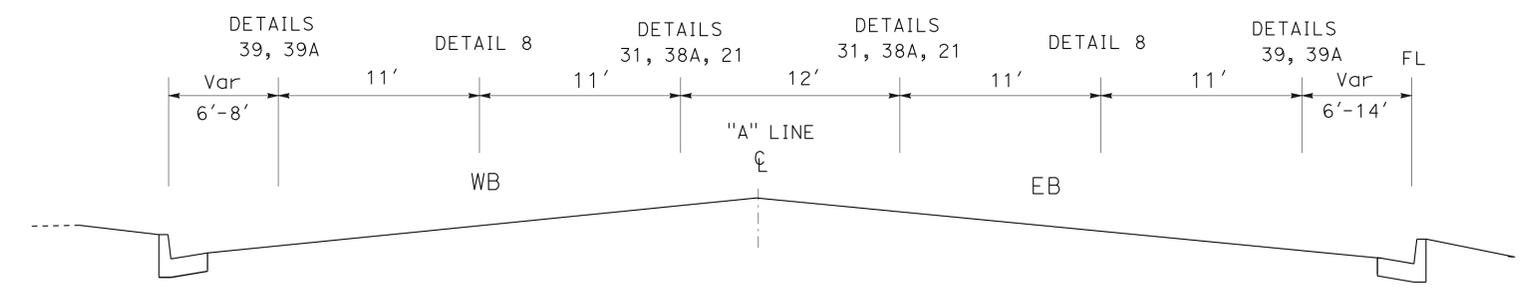
THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

**UTILITY PLAN
WATER AND SEWER**

SCALE: 1" = 50' **U-23**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	169A	345

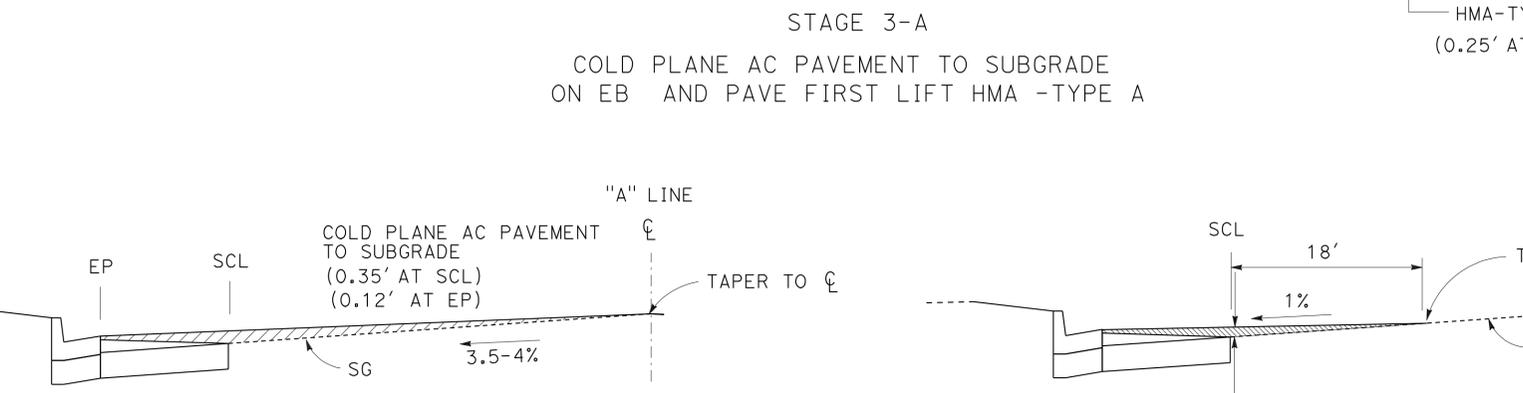
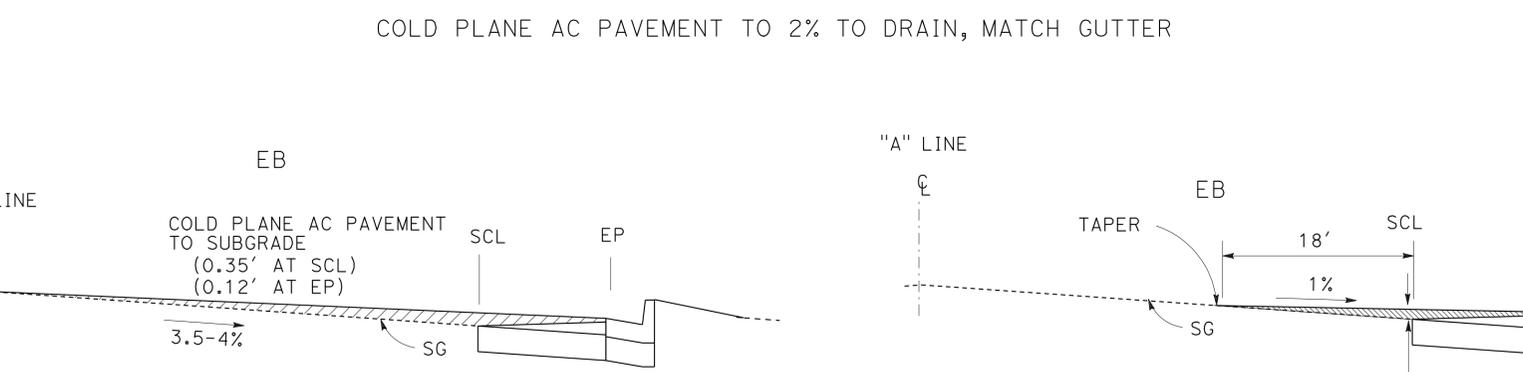
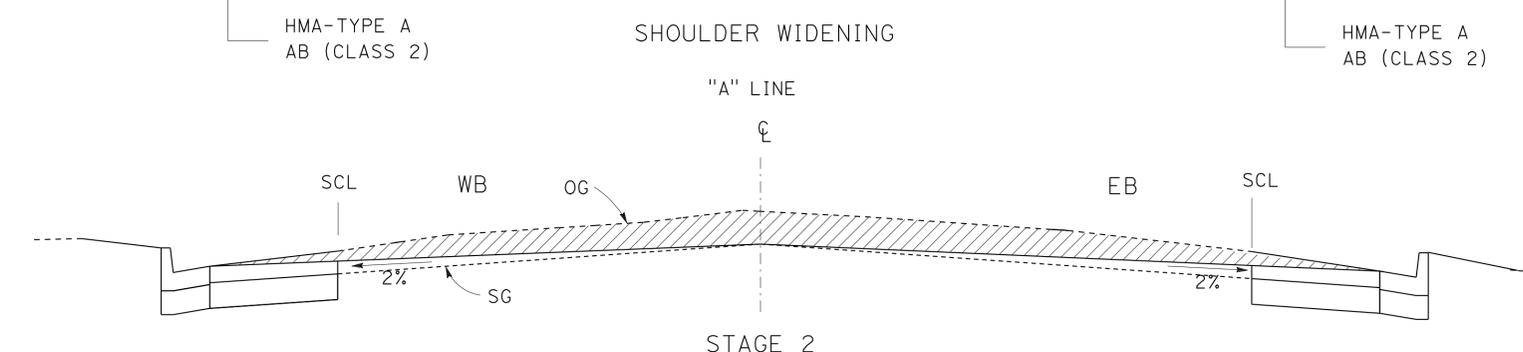
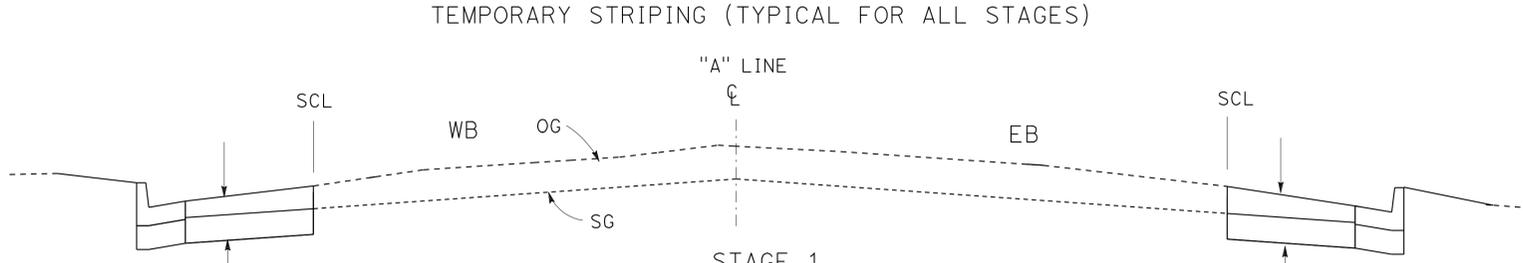
Tarek Tabshouri 1-11-10
 REGISTERED CIVIL ENGINEER DATE
 No. C65423
 Exp. 9-30-11
 CIVIL
 STATE OF CALIFORNIA



LEGEND

COLD PLANE AC PAVEMENT

HMA - TYPE A



- NOTES:**
1. COLD PLANING AND PAVING TO OCCUR AFTER SHOULDER WIDENING IS COMPLETED
 2. ALL LANES AND SHOULDERS TO BE STRIPED, MARKED AND REOPENED DAILY AFTER EACH WORK SHIFT DURING COLD PLANING AND PAVING OPERATIONS
 3. STRIPING AND PAVEMENT MARKINGS LOCATIONS AND DETAILS SAME AS SHOWN ON PAVEMENT DELINEATION PLANS AND STD PLANS
 4. MAINTAIN DRAINAGE
 5. COLD PLANING TO OCCUR IN MULTIPLE ALTERNATING LIFTS ACROSS EB AND WB DURING STAGE 2
 6. COLD PLANING AND PAVING OPERATIONS TO OCCUR IN THE SAME WORK SHIFT FOR STAGES 3 AND 5
 7. ORDER OF WORK (EB OR WB) MAY BE REVERSED FOR STAGES 3, 4, AND 5

STAGE CONSTRUCTION

NO SCALE

SC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 NORTH REGION
 PROJECT MANAGEMENT
 TEAM TAHOE - DESIGN BRANCH 3

3 ADDED PER ADDENDUM No. 3
 DATED OCTOBER 21, 2010

COLD PLANE AC PAVEMENT TO SUBGRADE
 ON WB AND PAVE FIRST LIFT HMA -TYPE A

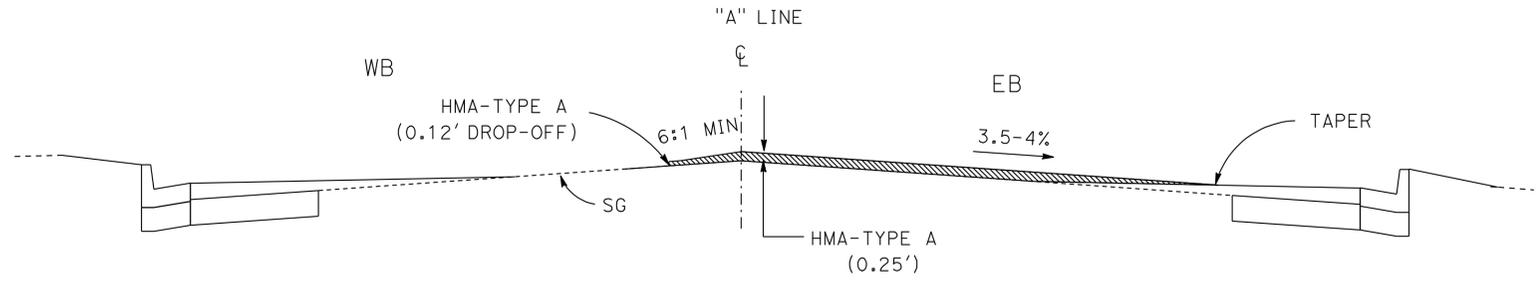
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	50	77.3/79.3	169B	345

Tarek Tabshouri 1-11-10
REGISTERED CIVIL ENGINEER DATE
TAREK TABSHOURI
No. C65423
Exp. 9-30-11
CIVIL
STATE OF CALIFORNIA

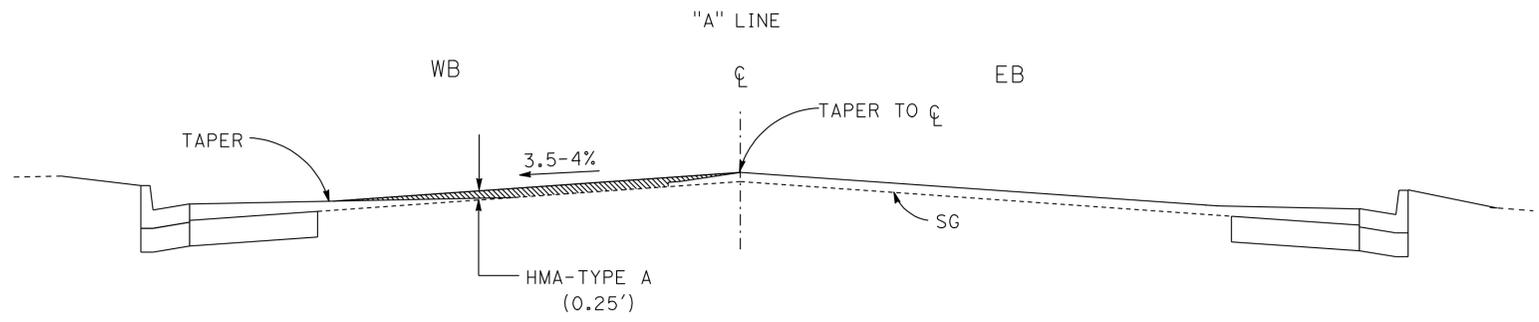
6-21-10
PLANS APPROVAL DATE

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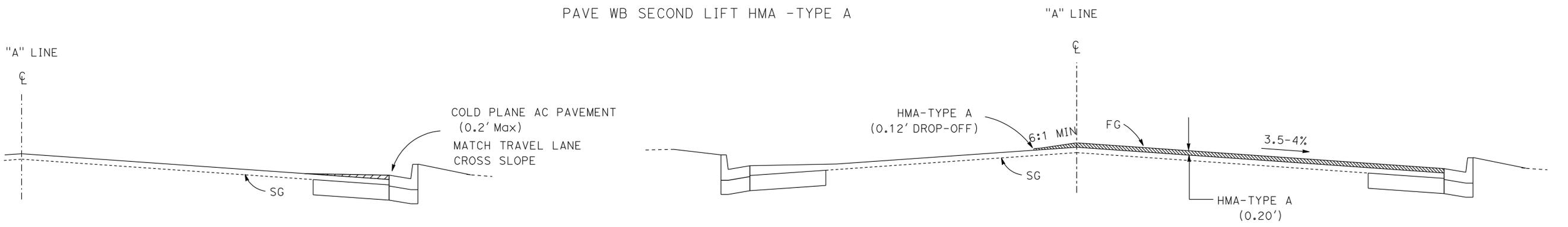
3



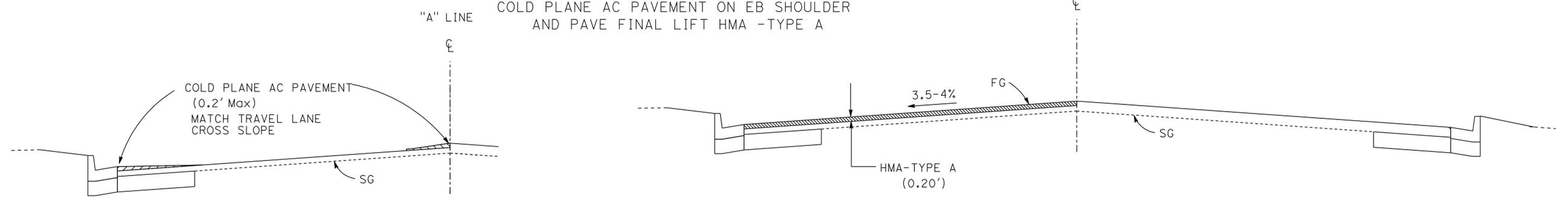
STAGE 4-A
PAVE EB SECOND LIFT HMA -TYPE A



STAGE 4-B
PAVE WB SECOND LIFT HMA -TYPE A



STAGE 5-A
COLD PLANE AC PAVEMENT ON EB SHOULDER AND PAVE FINAL LIFT HMA -TYPE A



STAGE 5-B
COLD PLANE AC PAVEMENT ON WB SHOULDER AND PAVE FINAL LIFT HMA -TYPE A

STAGE CONSTRUCTION

NO SCALE

SC-2

3 ADDED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
NORTH REGION
PROJECT MANAGEMENT
TEAM TAHOE - DESIGN BRANCH 3

REVISOR
TAREK TABSHOURI
MAURICIO SERRANO

DESIGNER
TAREK TABSHOURI
MAURICIO SERRANO

CHECKED BY
MAURICIO SERRANO

FUNCTIONAL SUPERVISOR
MAURICIO SERRANO

DATE PLOTTED => 19-OCT-2010
TIME PLOTTED => 13:49

3 TEMPORARY TRAFFIC STRIPE (PAINT) (N)

STATION LIMITS	SIDE	LF
103+00 TO 204+80	L+/R+	650,000

ASPHALTIC EMULSION (FOG SEAL COAT)

STATION LIMITS	SIDE	TON	NOTES
169+70 TO 178+78	L+	1.0	EXISTING SIDEWALK
187+24 TO 205+00	L+		

~~4" TWO COMPONENT PAINT TRAFFIC STRIPE*~~

STATION LIMITS	SIDE	LF
103+00 TO 204+80	L+/R+	21,000

~~* EB AND WB TEMPORARY SHOULDER STRIPES~~

REMOVE CHAIN LINK FENCE

Sht No.	STATION LIMITS	SIDE	LF
L-5	125+98 TO 126+43	R+	120

IMPORTED MATERIAL (SHOULDER BACKING)

STATION LIMITS	SIDE	CY
103+00 TO 204+80	L+/R+	1560

REMOVE METAL POST

Sht No.	STATION	OFFSET	SIDE	EA	NOTES
L-16	184+12	36.3	L+	1	BOLLARD
L-16	184+15	36	L+	1	BOLLARD
L-12	163+17	47	R+	1	POLE
TOTAL				3	

CHAIN LINK FENCE

Sht No.	STATION LIMITS	SIDE	LF
L-5	125+98 TO 126+43	R+	45

RESET PAVERS

Sht No.	STATION LIMITS	SIDE	SQFT
L-3	115+26 TO 115+46	L+	94
L-9	148+71 TO 148+81	L+	56
TOTAL			150

TEMPORARY FENCE (TYPE ESA)

Sht No.	STATION LIMITS	SIDE	LF
L-1, L-2	103+00 TO 107+30	R+	430

HMA (LEVELING)

Sht No.	STATION LIMITS	SIDE	TON
L-12, L-13	166+50 TO 168+40	R+	93.0

RELOCATE FLAGPOLE

Sht No.	STATION	OFFSET	SIDE	EA
L-13	170+61	52.0	R+	1

RELOCATE COMMERCIAL SIGN

Sht No.	STATION	OFFSET	SIDE	EA
L-6	132+70	40	R+	1
L-7	134+68	61	R+	1
TOTAL				2

HMA (TYPE B)*

Sht No.	STATION	SIDE	TON
D-4	153+75	R+	30
D-5	167+23	L+	30
TOTAL			60

STRUCTURE EXCAVATION (TYPE DH)

STATION LIMITS	SIDE	CY
178+00 TO 180+50	L+/R+	206
181+50 TO 183+00	L+/R+	124
TOTAL		330

ROADWAY EXCAVATION (DRAINAGE BASINS)

Sht No.	STATION LIMITS	SIDE	CY
D-3, D-4	136+00 TO 145+00	R+	4,100 *

* FOR TOTAL QUANTITY, SEE ROADWAY QUANTITIES

3 TEMPORARY PAVEMENT MARKING (PAINT) (N)

STATION LIMITS	SIDE	SQFT
103+00 TO 204+80	L+/R+	40,000

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

SUMMARY OF QUANTITIES

Q-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 NORTH REGION PROJECT MANAGEMENT
 TEAM TAHOE - DESIGN BRANCH 3
 FUNCTIONAL SUPERVISOR MAURICIO SERRANO
 TAREK TABSHOURI
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

CONDUCTOR AND CONDUIT SCHEDULE

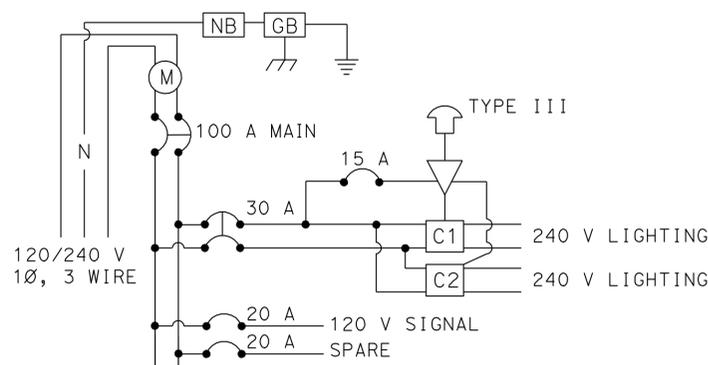
CONDUCTOR DESIGNATION			NUMBER OF CONDUCTORS IN CONDUIT RUN NUMBERS						
AWG OR CABLE	Std	PHASE	1	2	3	4	5	6	7*
VEH-PED 12CSC	POLE (A)	6,6P	4	1	1	1	1	1	1
	POLE (B)	4,4P	6	1	1	1	1	1	1
	POLE (C)	4P	6	1	1	1	1	1	1
	POLE (D)	5,6,6P	4	1	1	1	1	1	1
	POLE (E)	2,4,5,4P	4	2	2	2	2	2	2
	POLE (F)	2,4,4P	4	2	2	2	2	2	2
TOTAL CABLES 12/3 CONDUCTORS			1	2	3	4	2	8	8
#14	PEU							3	
#10	LUMINAIRES		2	2	4	4	2	4	
DLC	2I2U					1	1	1	
	2I2L					1	1	1	
	6J2L				1		1	1	
	6J2U				1		1	1	
	TOTAL DLC				2	2	4	4	
VIVDS CABLES	Ø2 VIVDS							1	1
	Ø4 VIVDS					1	1	1	
	Ø6 VIVDS		1	1	1	1	1	1	
	TOTAL VIVDS		1	1	1	1	1	3	3
SIC	SIGNAL INTERCONNECT		1	1	1	2		2	2
CONDUIT SIZE			3"	3"	3"	4"	3"	2-4"	2-4"

* DENOTE Exist CONDUIT.

POLE AND EQUIPMENT SCHEDULE

No.	TYPE	STANDARD		VEH SIG MTG			PED SIGNAL		PPB		HPS LUM (WATTS)	SPECIAL REQUIREMENTS
		SMA (FEET)	LMA (FEET)	Ø	MAST ARM	POLE	Ø	MTG	Ø	ARROW		
(A)	19-4-100	30	12	6 6 6	MAT MAS MAS	SV-1-T	6	SP-1-T	4	←	200	INSTALL VIVDS ON MODIFIED LMA, SEE SHEET SES-1 (DETAIL A) G8(Ca), R81(Ca), R3-4(Ca)
(B)	1B			4		TV-1-T	4	SP-1-T	6	→		
(C)	TYPE 15TS						4	SP-1-T	6	←	200	
(D)	1B			5 6		TV-2-T	6	SP-1-T	4	→		
(E)	26-4-100	35*	12	5 2 2 4	MAT MAS MAS	SV-2-TA	4	SP-1-T	4	←	200	INSTALL VIVDS ON MODIFIED LMA, SEE SHEET SES-1 (DETAIL A) R73-3(Ca), G8(Ca), R81(Ca)
(F)	19-4-100	25	12	4 4 2	MAT	SV-2-TA	4	SP-1-T	4	→	200	INSTALL VIVDS ON MODIFIED LMA, SEE SHEET SES-1 (DETAIL A) R61-20.1(Ca)

* MODIFY Min OD AT POLE = 9 3/4".

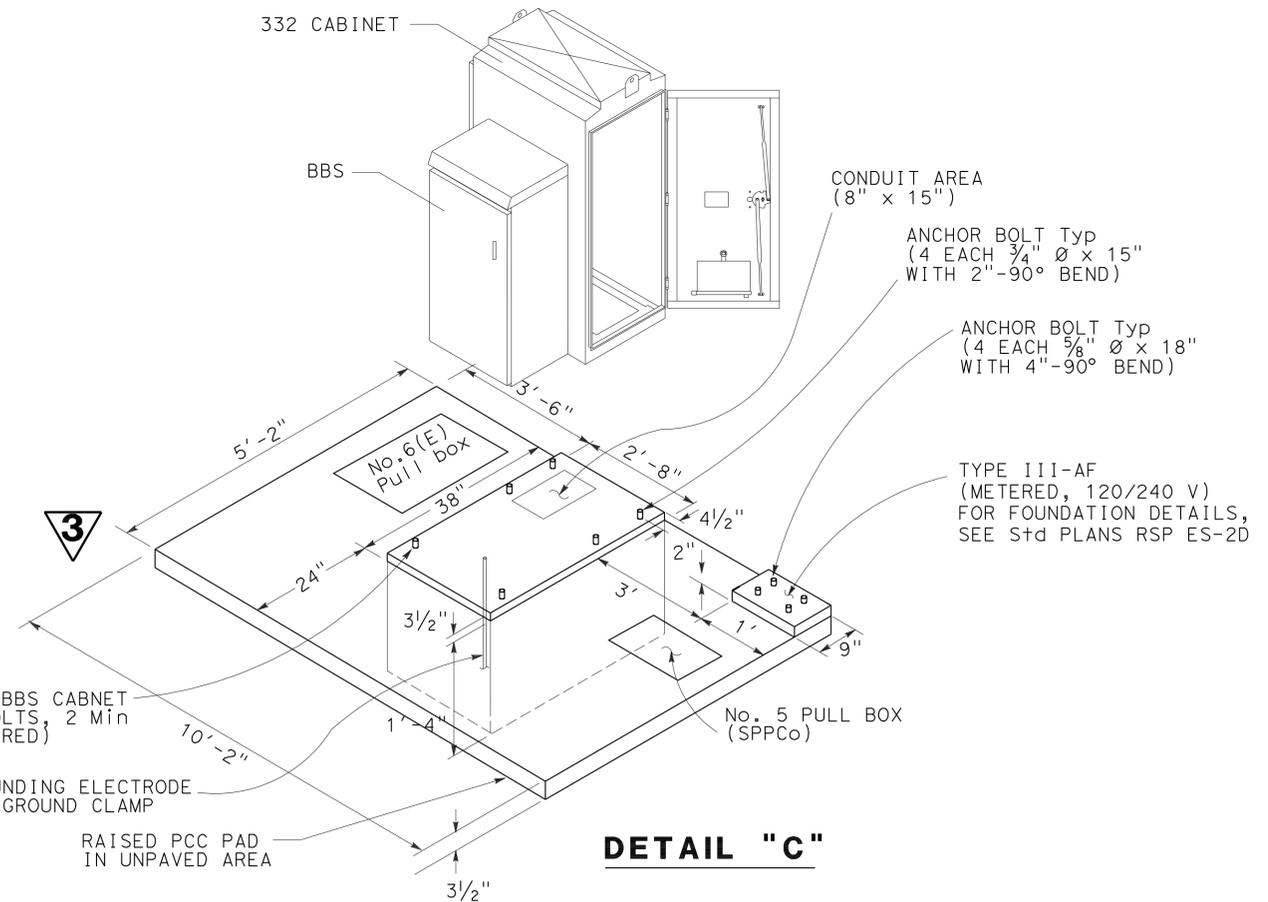


120/240 V SERVICE WIRING DIAGRAM

CTID No. 03250500078020

WIRING DIAGRAM LEGEND:

- PHOTOELECTRIC UNIT
- AUTO TEST SWITCH
- CONTACTOR
- METER SOCKET WITH MANUAL CIRCUIT CLOSING DEVICE



DETAIL "C"

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

MODIFY SIGNAL AND LIGHTING (ROUTE 50 AT TALLAC AVENUE)

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

NO SCALE

E-9

CONDUCTOR AND CONDUIT SCHEDULE

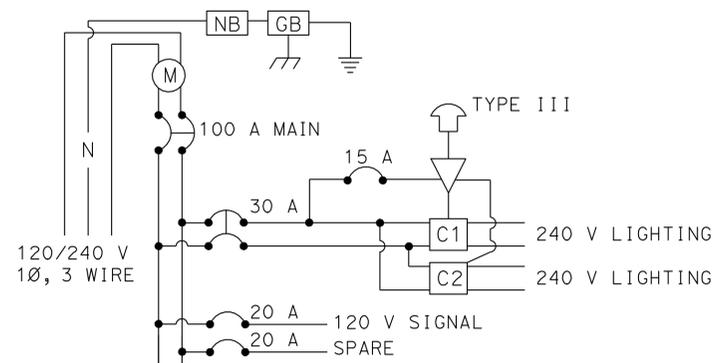
CONDUCTOR DESIGNATION			NUMBER OF CONDUCTORS IN CONDUIT RUN NUMBERS								
AWG OR CABLE	Std	PHASE	1	2	3	4	5	6	7	8	9*
VEH-PED 12CSC	POLE (A)	1,6,8	2	2	2	2	2				2
	POLE (B)	8P		1	1	1	1				1
	POLE (C)	8P			1	1	1				1
	POLE (D)	6,8	8			1	1				1
	POLE (E)	2,2P	8				1	1			1
	POLE (F)	8,8P	2							1	1
	POLE (G)	8P	2						1	1	1
	POLE (H)	1,2,2P	8					1	1	1	1
TOTAL CABLES 12/3 CONDUCTORS			2	3	4	5	6	1	2	1	9
#14	PEU					3					
#10	LUMINAIRES		2	2	2	4	4		2		
DLC	2I2U							1	1		1
	2I2L							1	1		1
	2I3U										1
	2I3L										1
	6J2L					1	1				1
	6J2U						1	1			1
	6J3U		1	1	1	1	1				1
	6J3L		1	1	1	1	1				1
TOTAL DLC			2	2	2	4	6	2	2		8
VIVDS CABLES	Ø 2 VIVDS							1			1
	Ø 6 VIVDS		1	1	1	1	1				1
	Ø 8 VIVDS						1	1			1
	TOTAL VIVDS		1	1	1	2	3				3
SIC	SIGNAL INTERCONNECT		1	1	1	2	2				2
CONDUIT SIZE			2"	3"	3"	4"	4"	3"	3"	2"	2-4"

* DENOTE EXIST CONDUIT.

POLE AND EQUIPMENT SCHEDULE

No.	TYPE	STANDARD		VEH SIG MTG			PED SIGNAL		PPB		HPS LUM (WATTS)	SPECIAL REQUIREMENTS
		SMA (FEET)	LMA (FEET)	Ø	MAST ARM	POLE	Ø	MTG	Ø	ARROW		
(A)	26-4-100	40*	12	1 6 6 6 8	MAT MAS MAS	SV-2-TA			8	←	200	INSTALL VIVDS ON MODIFIED LMA, SEE SHEET SES-1 (DETAIL A) G8(Ca), R81(Ca), R73-3(Ca)
(B)	1-B							8	TP-1-T			
(C)	1-B							8	TP-1-T			
(D)	17-3-100	20	12	8 6 8	MAT	SV-2-TA			8	→	200	INSTALL VIVDS ON MODIFIED LMA, SEE SHEET SES-1 (DETAIL A) R61-20.1(Ca)
(E)	19-4-100	30	12	2 2 2	MAT MAS	SV-1-T	2	SP-1-T	8	←	200	INSTALL VIVDS ON MODIFIED LMA, SEE SHEET SES-1 (DETAIL A) G8(Ca), R81(Ca), R3-4(Ca)
(F)	1-B			8		TV-1-T	8	SP-1-T	2	→		
(G)	TYPE 15TS						8	SP-1-T	2	←	200	
(H)	1-B			1 2		TV-2-T	2	SP-1-T	8	→		

* MODIFY Min OD AT POLE = 9 3/4"

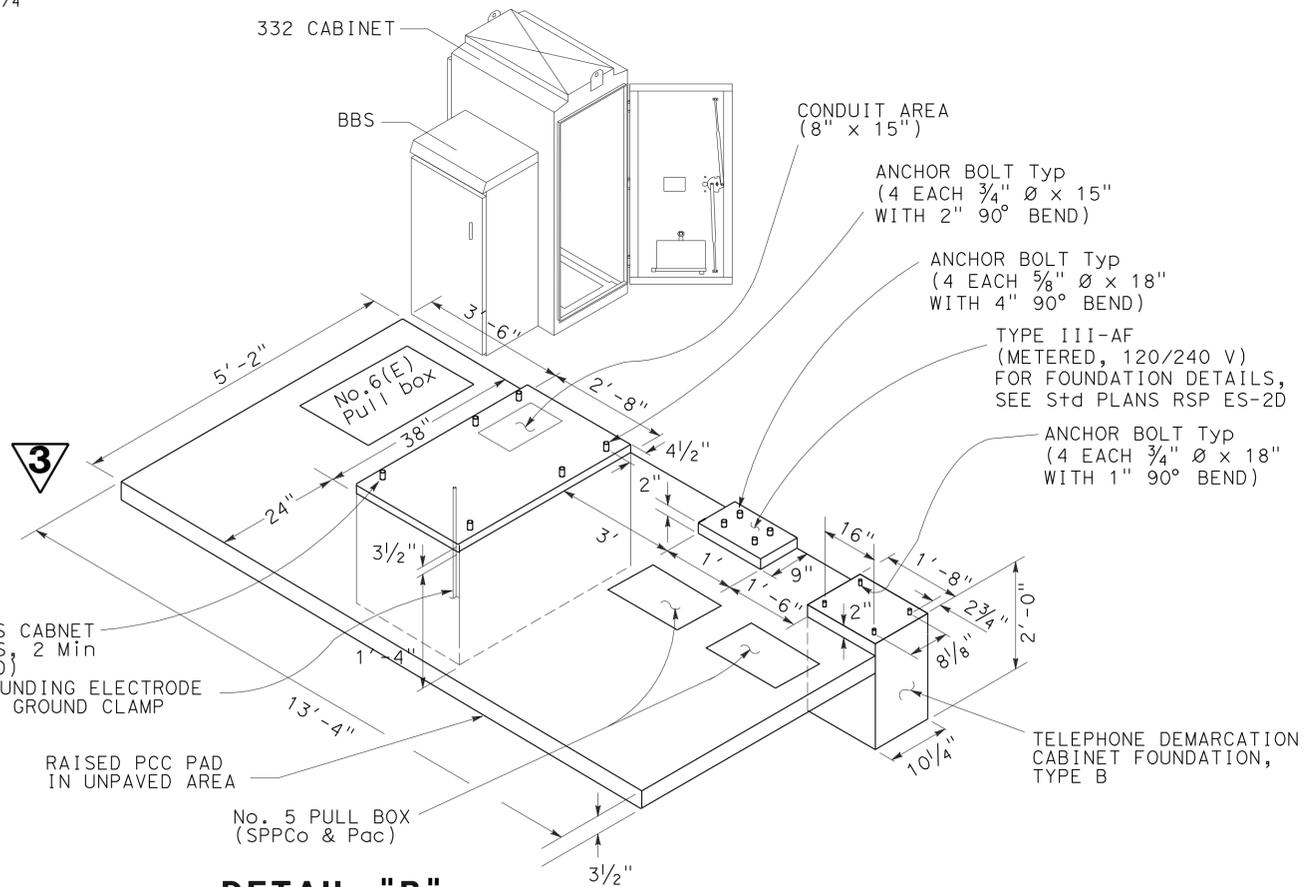


120/240 V SERVICE WIRING DIAGRAM

CTID No. 03250500078430

WIRING DIAGRAM LEGEND:

- PHOTOELECTRIC UNIT
- AUTO TEST SWITCH
- CONTACTOR
- METER SOCKET WITH MANUAL CIRCUIT CLOSING DEVICE



DETAIL "B"

MODIFY SIGNAL AND LIGHTING
 (ROUTE 50 AT RUFUS ALLEN BOULEVARD)
 NO SCALE

3 REVISED PER ADDENDUM No. 3 DATED OCTOBER 21, 2010

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.