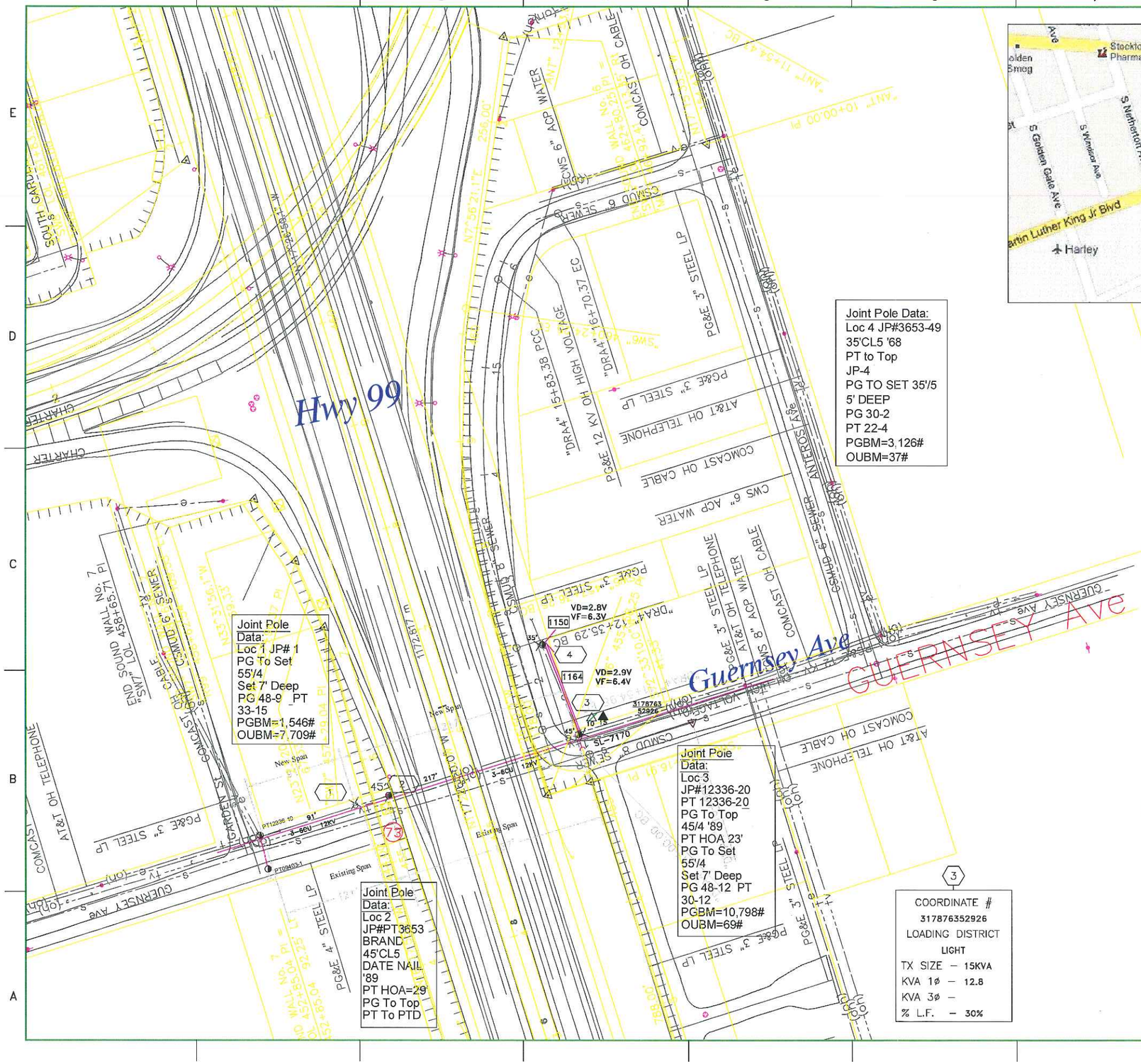
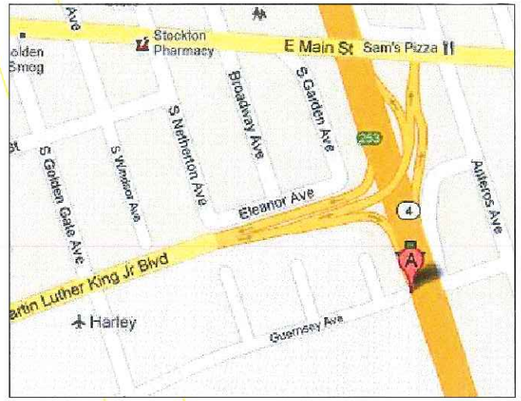




37.95125,-121.23816

PG&E LEGEND

INSTALL	DESCRIPTION
—SV— SV— SV—	OH Service – 1/0 Al TRIPLEX
×	Pole, (Install)
▲	Transformer, OH 1–PH (Install)

EXISTING	DESCRIPTION
———	OH Conductor 3Phase
— — —	OH Conductor 1Phase
———	OH Service
△	Transformer, OH 1–PH (Existing)
	Streetlight
◑	Pole, Joint Pole
∿ /	Remove Symbols

811
CALL BEFORE YOU DIG
811
CALL TWO WORKING DAYS BEFORE YOU DIG
TICKET NO:

NOTIFIED U.S.A.
DATE:
TICKET #
BY:

CONTACT INFORMATION
ELECTRIC ESTIMATOR
CHRIS HOLMES
916/760-1968

ELECTRIC ADE
STEVEN DETRICK
916/760-1976

JOB OWNER
JOHN SHEPARD
209/932-2582

EST SUPERVISOR
ALISON NELSON
916/760-9809

Plat Map: U-12-21
Circuit Map: 3B324
Weber 1105
SSD: SW 8133
Insulation District 'D
Light Loading
LRA Fire Protection
Raptor Area
Fault Current
lasym=2,039a

CO:
SD:
NOTIF.: 103018821
Other:
SHT: 1 of 5 SHEETS
PM: 30645465 REV.

ENGINEERING AND PLANNING DEPT.
850 Stillwater Rd
West Sacramento, CA 95605
PHONE #:916-760-9329 FAX #:916-760-9870
PACIFIC GAS AND ELECTRIC COMPANY

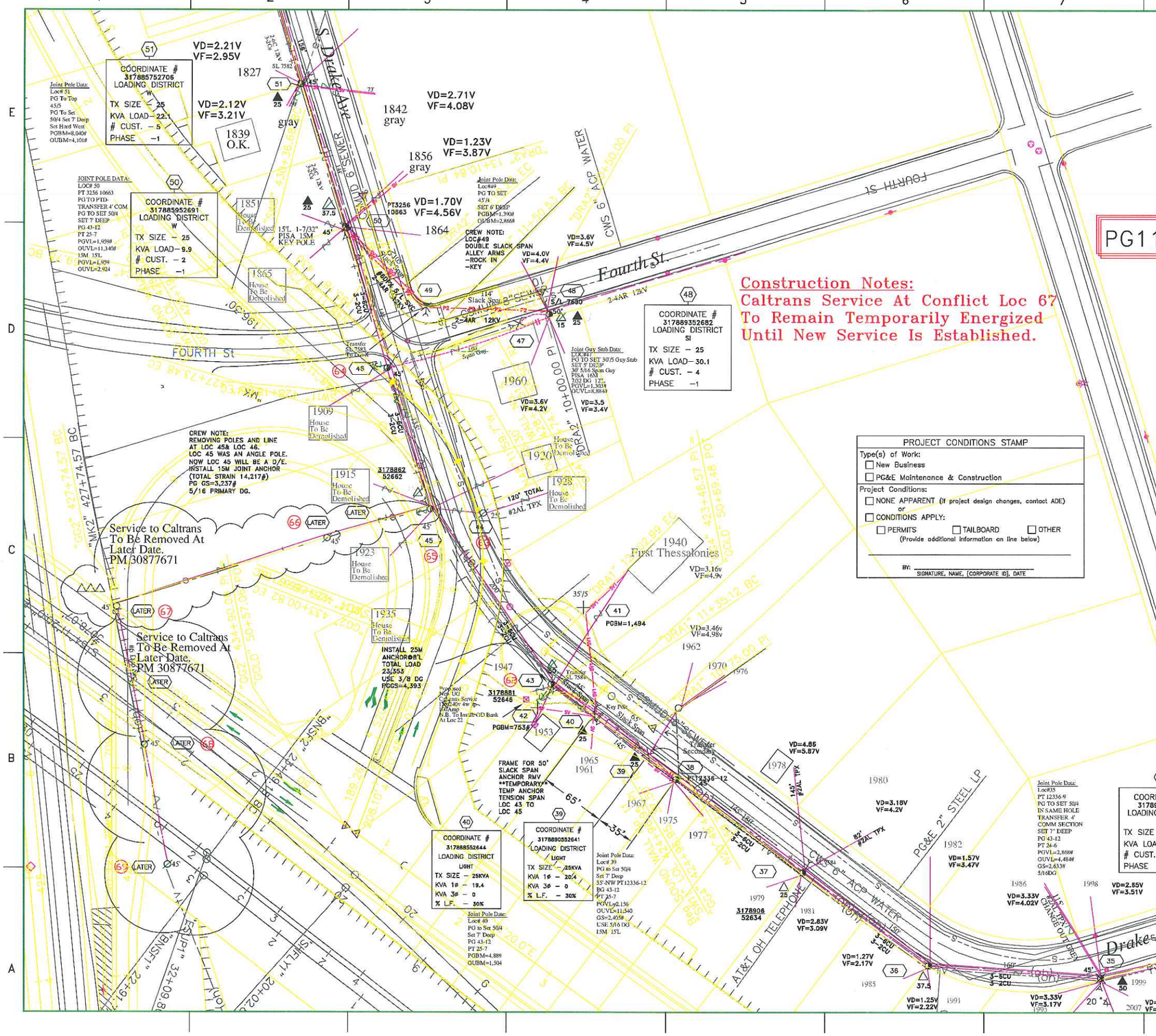
EST: Debra McKenzie 916-760-5329
ADE: Steve Detrick 916-760-1976
SUPV: Brad Rice 916-760-1957
REP: Jaime Pantoja 209-942-1641
PLNR: Scott Chen 209-942-1406
SCALE: 1"=50' DATE: May 2011

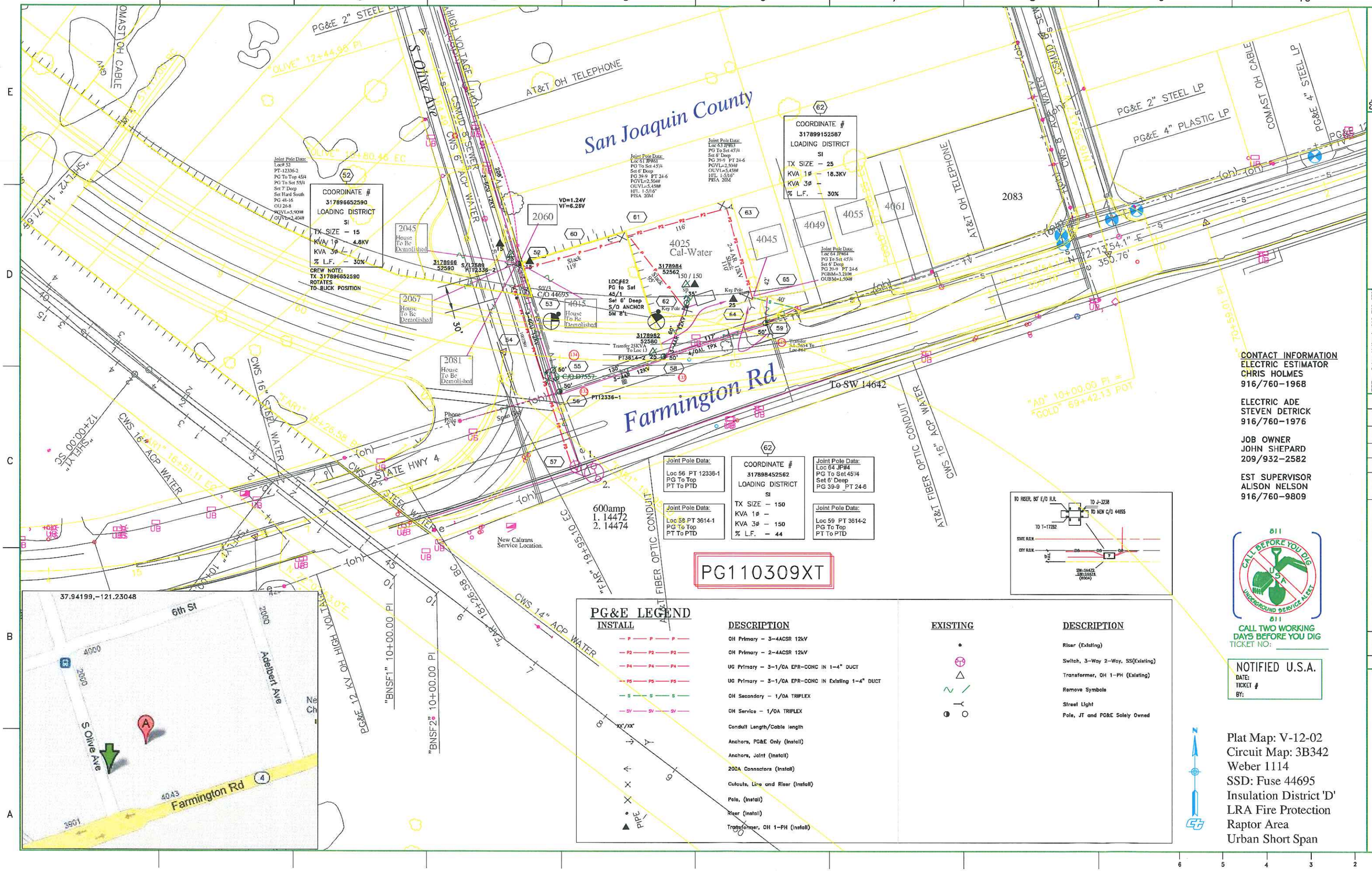
NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD	BY

REVISIONS

Caltrans Hwy 99 Road Widening Project
Phase 2
Guernsey Ave & Hwy 99 Area
Stockton

INCH 0 1 2 3 4 5 6


S. Drake Ave
FOURTH St
Fourth St.
S. Olive Ave
Drake Ave
Joint Pole Data: Loc# 51 PG To Top 45/5 PG To Set 50/4 Set 7' Deep Set Hard West PGBM=8,040# OUBM=4,101#
COORDINATE # 317885752706 LOADING DISTRICT W TX SIZE – 25 KVA LOAD– 22.1 # CUST. – 5 PHASE –1
VD=2.21V VF=2.95V
VD=2.12V VF=3.21V
1827 gray
1839 O.K.
JOINT POLE DATA: LOC# 50 PT 3256 10663 PG TO PTD-TRANSFER 4' COM PG TO SET 50/4 SET 7 DEEP PG 43-12 PT 25-7 PGVL=1,959# OUVL=11,340# 15M 15L PGVL=1,959 OUVL=2,924
COORDINATE # 317885952691 LOADING DISTRICT W TX SIZE – 25 KVA LOAD– 9.9 # CUST. – 2 PHASE –1
1851 House To Be Demolished
1865 House To Be Demolished
15T, 1-7/32" PISA 15M KEY POLE
1842 gray
VD=2.71V VF=4.08V
1856 gray
VD=1.23V VF=3.87V
PT3256 10863
VD=1.70V VF=4.56V
1864
Joint Pole Data: Loc#49 PG TO SET 45/4 SET 6' DEEP PGBM=1,390# OUBM=2,866#
CREW NOTE: LOC#49 DOUBLE SLACK SPAN ALLEY ARMS –ROCK IN –KEY
VD=4.0V VF=4.4V
VD=3.6V VF=4.5V
114' Slack Span 2-SCWA
2-4AR 12kV
S/A 7580
COORDINATE # 317889352682 LOADING DISTRICT SI TX SIZE – 25 KVA LOAD– 30.1 # CUST. – 4 PHASE –1
Joint Guy Stub Data: LOC#47 PG TO SET 30/5 Guy Stub SET 5' DEEP 30/5/8 Span Guy PISA 16M 7/0 DG 12" PGVL=1,303# OUVL=8,884#
1960
VD=3.6V VF=4.2V
VD=3.5 VF=3.4V
1909 House To Be Demolished
1915 House To Be Demolished
3178862 52652
1923 House To Be Demolished
1935 House To Be Demolished
1928 House To Be Demolished
1926 House To Be Demolished
1940 First Thessalonies
VD=3.16v VF=4.9v
CREW NOTE: REMOVING POLES AND LINE AT LOC 45A LOC 46. LOC 45 WAS AN ANGLE POLE. NOW LOC 45 WILL BE A D/E. INSTALL 15M JOINT ANCHOR (TOTAL STRAIN 14,217#) PG GS=3,237# 5/16 PRIMARY DG.
Service to Caltrans To Be Removed At Later Date. PM 30877671
Service to Caltrans To Be Removed At Later Date. PM 30877671
INSTALL 25M ANCHOR@8'L TOTAL LOAD 23,353 USE 3/8 DG PGGS=4,393
Proposed 4Gr DG Caltrans Service Pull 4Gr 4w To DTAmp N.B. To Install OD Bank At Loc 22
3178881 52646
PGBM=753#
1947
1953
1962
1970
1976
1965
1961
1967
1975
1977
1978
1980
1982
1986
1998
2024
1979
1981
1985
1991
1993
1999
2007
FRAME FOR 50' SLACK SPAN ANCHOR RMV **TEMPORARY** TEMP ANCHOR TENSION SPAN LOC 43 TO LOC 45
65'
35'
COORDINATE # 317888552644 LOADING DISTRICT LIGHT TX SIZE – 25KVA KVA 1ø – 19.4 KVA 3ø – 0 % L.F. – 30%
COORDINATE # 317889552641 LOADING DISTRICT LIGHT TX SIZE – 25KVA KVA 1ø – 20.4 KVA 3ø – 0 % L.F. – 30%
Joint Pole Data: Loc# 39 PG to Set 50/4 Set 7' Deep 35'-NW PT12336-12 PG 43-12 PT 25-7 PGVL=2,156 OUVL=11,340 GS=2,458# USE 5/16 DG 15M 15L
Joint Pole Data: Loc# 40 PG to Set 50/4 Set 7' Deep PG 43-12 PT 25-7 PGBM=4,889 OUBM=1,504
3178906 52634
VD=2.83V VF=3.09V
VD=1.27V VF=2.17V
VD=1.25V VF=2.22V
VD=3.33V VF=3.17V
VD=3.04V VF=5.69V
VD=3.12V VF=2.56V
VD=3.33V VF=4.02V
VD=2.85V VF=3.51V
VD=1.57V VF=3.47V
VD=3.18V VF=4.2V
VD=4.86 VF=5.87V
PGBM=1,494
PGBM=753#
Joint Pole Data: Loc#35 PT 12336-9 PG TO SET 50/4 IN SAME HOLE TRANSFER 4' COMM SECTION SET 7' DEEP PG 43-12 PT 24-6 PGVL=2,868# OUVL=4,484# GS=2,633# 5/16DG
COORDINATE # 317893452620 LOADING DISTRICT SI TX SIZE – 50 KVA LOAD– 49.1 # CUST. – 6 PHASE –1
6" ACP WATER
PG&E 2" STEEL LP
AT&T OH TELEPHONE
PG&E 12 KV OH
US DEPT OF TRANSPORTATION
Transfer SL 7585 To Loc 43
Transfer SL 7582 To Loc 45
Transfer SL 7581 To Loc 48
Key Pole
Direct Span
Transfer Secondary
3-6CU 3-2CU
3-6CU 3-2CU
3-6CU 3-2CU
3-6CU 3-2CU
82' #2AL TPX
120' TOTAL #2AL TPX
2-4AR 12kV
2-#4AR 1/0 ALUM
2-#4AR 12kV
1-#4 Span Guy
1-#4 Span Guy
1-#4 Span Guy


San Joaquin County
Farmington Rd
S Olive Ave
4025
Cal-Water
2060
2083
4061
4055
4049
4045
4015
2045
House To Be Demolished
2067
House To Be Demolished
2081
House To Be Demolished
COORDINATE # 317896652590
LOADING DISTRICT SI
TX SIZE – 15
KVA 1ø – 4.8KV
KVA 3ø –
% L.F. – 30%
CREW NOTE: TX 317896652590 ROTATES TO BUCK POSITION
COORDINATE # 317899152587
LOADING DISTRICT SI
TX SIZE – 25
KVA 1ø – 18.3KV
KVA 3ø –
% L.F. – 30%
COORDINATE # 317898452562
LOADING DISTRICT SI
TX SIZE – 150
KVA 1ø –
KVA 3ø – 150
% L.F. – 44
PG110309XT
AT&T OH TELEPHONE
PG&E 2" STEEL LP
PG&E 4" PLASTIC LP
COMAST OH CABLE
PG&E 4" STEEL LP
CSMUD 8" SEWER
CWS 6" ACP WATER
CWS 16" ACP WATER
CWS 16" STEEL WATER
CWS 14" ACP WATER
AT&T FIBER OPTIC CONDUIT
PG&E 12 KV HIGH VOLTAGE
STATE HWY 4
New Caltrans Service Location.
Phone Pole
600amp
1. 14472
2. 14474
"BNSF1" 10+00.00 PI
"BNSF2" 10+00.00 PI
"A0" 10+00.00 PI
"GOLD" 69+42.13 POT
To SW 14642
N 72°13'54.1" E
350.76'
LOC#62 PG to Set 45/1 Set 6' Deep S/O ANCHOR 5M "B'L
Transfer 25KVA To Loc 13
Transfer S-17654 To Loc #61
Joint Pole Data: Loc 52 PT-12336-2 PG To Top 45/4 PG To Set 55/4 Set 7' Deep Set Hard South PG 48-16 OU 26-8 #QVL=5.900# OUVL=2.404#
Joint Pole Data: Loc 61 JP#61 PG To Set 45/4 Set 6' Deep PG 39-9 PT 24-6 PGVL=2.504# OUVL=5.458# 10'L 1.5/16" PISA 20M
Joint Pole Data: Loc 63 JP#63 PG To Set 45/4 Set 6' Deep PG 39-9 PT 24-6 PGVL=2.504# OUVL=5.458# 10'L 1.5/16" PISA 20M
Joint Pole Data: Loc 64 JP#64 PG To Set 45/4 Set 6' Deep PG 39-9 PT 24-6 PGBM=3.210# OUBM=1.504#
Joint Pole Data: Loc 56 PT 12336-1 PG To Top PT To PTD
Joint Pole Data: Loc 58 PT 3614-1 PG To Top PT To PTD
Joint Pole Data: Loc 64 JP#64 PG To Set 45/4 Set 6' Deep PG 39-9 PT 24-6
Joint Pole Data: Loc 59 PT 3614-2 PG To Top PT To PTD
3178866 52590 S/L7589 PT12336-2
3178984 52562
3178982 52580
PT3614-2
PT12336-1
C/O 44695
C/O D7557
VD=1.24V VF=6.25V
"SHEVX1" 14+71.65
"SHEVX2" 12+00.00 SC
"SHEVX3" 10+00.00 SC
"TAR1" 16+81.11 EC
"TAR2" 18+26.58 EC
"FAR" 19+95.10 EC
"FAR" 18+26.58 EC
"TAR1" 16+26.58 PC
"SHEVX1" 14+71.65 EC
"SHEVX2" 12+80.46 EC
"SHEVX3" 10+80.46 EC
"SHEVX4" 10+00.00 SC
"SHEVX5" 8+00.00 SC
"SHEVX6" 6+00.00 SC
"SHEVX7" 4+00.00 SC
"SHEVX8" 2+00.00 SC
"SHEVX9" 0+00.00 SC
"SHEVX10" 0+00.00 SC
"SHEVX11" 2+00.00 SC
"SHEVX12" 4+00.00 SC
"SHEVX13" 6+00.00 SC
"SHEVX14" 8+00.00 SC
"SHEVX15" 10+00.00 SC
"SHEVX16" 12+00.00 SC
"SHEVX17" 14+00.00 SC
"SHEVX18" 16+00.00 SC
"SHEVX19" 18+00.00 SC
"SHEVX20" 20+00.00 SC
"SHEVX21" 22+00.00 SC
"SHEVX22" 24+00.00 SC

CREW NOTE:
LOC#5
120V DPX FOR
CATHODIC PROTECTION
RECTIFIER#438

5
COORDINATE #
31786125875
LOADING DISTRICT
SI
TX SIZE – 15/15 OD
KVA 1ø – 15.2KVA
KVA 3ø – 5KVA
% L.F. – 30%
LOCATION #5
CATHODIC PROTECTION
#438

Joint Pole
Data:
Loc 5
PT 10087-1
PG To Top
45/5
PG To Set
50'/4
Set 7' Deep
New Set
12' North
PG 43-12
PT 25-7
PGBM=5.426
OUBM=15,612

6
COORDINATE #
317861852861
LOADING DISTRICT
SI
TX SIZE – 15
KVA 1ø – 10
KVA 3ø –
% L.F. – 30
VD=1.45V
VF=4.92V

Joint Pole
Data:
Loc 6
JP#PT12898-1
PG To Top
45/5
PG To Set
50'/4
Set 7' Deep
PG 43-12
PT 25-7
PGBM=5,410
OUBM=5,115

Joint Pole
Data:
Loc 7
Cal Trans
#125
PT 13098-1
PG To Top
45/4
PG To Set
50'/3
Set 7' Deep
PG 43-12
PT 25-7
PGBM=2,537
OUBM=7,603

10
COORDINATE #
317862952819
LOADING DISTRICT
SI
TX SIZE – 15 15
KVA 1ø –
KVA 3ø – 20HP
% L.F. – 100

Joint Pole
Data:
Loc 10
PG-100077
PG To Top
50'CL4
PG To Set
50'/3
Set 7' Deep
PG 43-12
PT 25-7
PGVL=2,002#
OUVL=1,522#
PGGS=2,437
16M 24'L
DG=5/16

Joint Pole
Data:
Loc 9
PT 15224-1
PG To Top
40/5

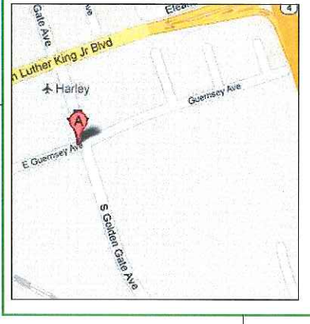
Trees Along Golden Gate Ave Have To Trimmed/Removed Prior To PG&E Construction.

RETAIN NUMBER
FUSE D8751

CHANGING FROM 10T'S TO 10FT'S DUE TO COORDINATION ISSUES PER PLANNING.

T-10333
75KVA

37.9499,-121.2427



PG&E LEGEND

INSTALL

	DESCRIPTION
P — P — P	OH Primary – 3–6Cu 12kV
P2 — P2 — P2	OH Primary – 2–4ACSR 12kV
P4 — P4 — P4	UG Primary – 3–1/0A EPR–CONC IN 1–4" Existing 4" DUCT
SV — SV — SV	OH Service
xx'/xx'	Conduit Length/Cable length
→	Anchors, PG&E Only or Joint
×	Cutouts, Line and Riser (Install)
×	Pole, (Install)
•	Riser (Install)
▲	Transformer, OH 1–PH (Install)

EXISTING

△	Riser (Existing)
∿ /	Transformer, OH 1–PH (Existing)
	Remove Symbols
◑ ○	Pole, JT and PG&E Solely Owned

811
CALL BEFORE YOU DIG
USA
UNDERGROUND SERVICE ALERT
811
CALL TWO WORKING DAYS BEFORE YOU DIG
TICKET NO: _____

NOTIFIED U.S.A.
DATE:
TICKET #
BY:

PG110309XT

CONTACT INFORMATION
ELECTRIC ESTIMATOR
CHRIS HOLMES
916/760–1968

ELECTRIC ADE
STEVEN DETRICK
916/760–1976

JOB OWNER
JOHN SHEPARD
209/932–2582

EST SUPERVISOR
ALISON NHELSON
916/760–9809

Plat Map: U-12-21
Circuit Map: 3B342
Weber 1105
SSD: C/O 7413
Insulation District 'D'
LRA Fire Protection
Raptor Area

Caltrans Hwy 99 Road Widening Project
Phase 1
Guernsey Ave @ Mormon Slough Area
Stockton

ENGINEERING AND PLANNING DEPT.
850 Stillwater Rd
West Sacramento, CA 95605
PHONE #:916-760-9870 FAX #:916-760-5329
PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 103018821
Other:
SHT: 2 of 5 SHEETS
PM: 30645465 REV.

EST: Chris Holmes 916/760-1968
ADE: Steve Detrick 916-760-1976
SUPV: Alison Nelson 916/760-9809
REP: John Shepard 209/932-2582
PLNR: Scott Chen 209-942-1406
SCALE: 1"=50' DATE: May 2011

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY

REVISIONS

INCH 0 1
INCH 6 5 4 3 2 1 0

TRAFFIC CONTROL PLANS

CAL TRANS HWY 99 ROAD WIDENING

STOCKTON, CALIFORNIA

PM 30645465

VARIOUS LOCATIONS

LOCATION MAP

CONTRACTOR

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
(916) 760-1968
WORK HOURS 800AM-330PM MON-FRI

CONSULTANT

ALMENDARIZ CONSULTING INC

ALMENDARIZ CONSULTING, INC.
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE
(888) 768-7022 FAX

REVISIONS			
REV.	DESCRIPTION	BY	DATE

PROJECT NO. 12003
DRAWN CAA
DESIGNED CAA
CHECKED MAA

DATE
APRIL 25, 2012

SHEET COVER

GENERAL NOTES

1. NOTHING ALLOWED IN THE BUFFER AND TRANSITION AREAS AT ALL TIMES.
2. SIGNS ARE ONLY SHOWING TO THE PUBLIC WHEN IN USE.
3. SIGNS AND CHANNELIZING DEVICES MUST BE RETROREFLECTIVE OR ILLUMINATED DURING NIGHT OPERATIONS.
4. SIGNS ARE 36"X36" IN SIZE UNLESS NOTED OTHERWISE.
5. SIGNS ARE SPACED PER THE CALIFORNIA MUTCD MANUAL..
6. CHANNELIZING DEVICES SPACING AND TAPER LENGTHS ARE BASED ON THEIR RESPECTIVE CHARTS. (SEE CHARTS THIS PAGE)
7. NOTIFY THE LOCAL LAW ENFORCEMENT, FIRE, AND AMBULANCE COMPANIES WITHIN 24 HOURS BEFORE CONSTRUCTION BEGINS.
8. CONTRACTOR TO MAKE SURE ALL TRAFFIC CONTROL EQUIPMENT MEETS ALL AGENCY REQUIREMENTS.
9. REMOVE ALL CONFLICTING MARKINGS FOR LONG TERM OPERATIONS (3 DAYS OR LONGER).
10. THE LOCATION OF THE SIGNS AS SHOWN ON THE ILLUSTRATIONS ARE GUIDELINES AND ACTUAL LOCATIONS WILL DEPEND UPON ALIGNMENT, GRADE, LOCATION OF STREET INTERSECTIONS AND 85TH % TILE/POSTED SPEED LIMITS/OR PRIMA FACIE.
11. WHILE CROSSING INTERSECTIONS DURING MOBILE WORK, WORK MUST FOLLOW THE FLOW OF TRAFFIC AND PROCEED ON A GREEN LIGHT.
12. FULL COMPLIANCE IS REQUIRED WITH THE COUNTY AGENCY.(AFFECTS NOTES #20 THRU 22, BELOW)
13. PEDESTRIAN ACCESS BE MAINTAINED AS PER THE COUNTY CONST SPECS.
14. C30 SIGNS ARE PERMITTED IN BUFFER AREAS.
15. SIGN SPACING IS PROVIDED BY DOT WHEN AVAILABLE. TRAFFIC SPEEDS ARE BASED UPON RADAR MEASUREMENTS OF MOTORISTS. THE MUTCD ALLOWS FOR A "RANGE" IN SIGN PLACEMENT AND WILL BE PROVIDED BY DOT. THE 85TH% TILE IS USED WHEN AVAILABLE TO PROVIDE A MORE ACCURATE REPRESENTATION OF MOTORISTS SPEEDS.
16. ANY WORK WITHIN 200 FT OF A SIGNALIZED INTERSECTION WILL REQUIRE CONTACT AND COORDINATION WITH COUNTY AGENCY PRIOR TO ANY WORK.
17. QUALITY STANDARD TO MEET REQUIREMENTS OF SECTION 1A-2 OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
18. ALL TRAFFIC CONTROL DEVICES INCLUDING: SIGNS, BARRICADES, VERTICAL PANELS, DRUMS, WARNING LIGHTS, ARROWBOARDS, CHANGEABLE MESSAGE SIGNS, CONES AND TUBULAR MARKERS THAT MEET THE REQUIREMENTS OF AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA). "CA MUTCD 2010" SHALL BE USED ON THIS PROJECT/THIS WORK.
19. THE NCHRP REPORT 476 PROVIDES GUIDELINES FOR DESIGN AND OPERATION OF NIGHTTIME TRAFFIC CONTROL FOR HIGHWAY MAINTENANCE AND CONSTRUCTION. SEE TYPICAL APPLICATIONS NWTA-1 THROUGH NWTA-7. COMPLY WITH ANSI 107-2004 FOR APPAREL. HIGHWAY CONSTRUCTION WORK LIGHTING SHALL BE PER CONSTRUCTION SAFETY ORDER 1523 (CALIFORNIA CODE OF REGULATIONS TITLE 8, DIVISION1, CHAPTER 4, SUBCHAPTER 4, ARTICLE 3, SECTION 1523 - ILLUMINATIONS).
20. SIDEWALKS AT THE CONSTRUCTION LOCATION MAY BE CLOSED WITH ADEQUATE DETOURS. SIDEWALKS MAY ONLY BE CLOSED TO THROUGH TRAFFIC AND SHALL NOT PREVENT LOCAL PEDESTRIANS ACCESS. DETOURS SHALL NOT INCREASE THE PATH OF TRAVEL BY MORE THAN 500 FT. DETOUR ROUTES SHALL BE LIMITED TO EXISTING SIDEWALKS, PRIVATE PROPERTIES (SEE BELOW REQUIREMENTS) AND CROSSINGS AT ROADWAY INTERSECTIONS. TO THE MAXIMUM EXTENT FEASIBLE, THE ALTERNATE CIRCULATION PATH SHALL BE PROVIDED ON THE SAME SIDE OF THE STREET AS THE DISRUPTED ROUTE. WHERE IT IS FEASIBLE TO PROVIDE A SAME-SIDE ALTERNATE CIRCULATION PATH AND PEDESTRIANS WILL BE DETOURED. SECTION 6D.02 OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS 2010 EDITION (MUTCD) APPROVED FOR CALIFORNIA, SPECIFIES THAT THE ALTERNATE PATH PROVIDE A SIMILAR LEVEL OF ACCESSIBILITY TO THAT OF THE EXISTING DISRUPTED ROUTE . THIS MAY INCLUDE THE INCORPORATION OF ACCESSIBLE PEDESTRIAN SIGNALS (APS), CURB RAMPS, OR OTHER ACCESSIBILITY FEATURES.
21. PEDESTRIANS MAY BE DETOURED ONTO PRIVATE PROPERTY ONLY IF WRITTEN PERMISSION FROM THE PROPERTY OWNER IS OBTAINED ALONG WITH DOCUMENTATION INDICATING THAT THE COUNTY WOULD NOT BE LIABLE (HOLD HARMLESS) IN THE EVENT OF AN ACCIDENT.
22. DURING WORK HOURS, AT LEAST ONE WORKER SHALL BE ASSIGNED WITH THE RESPONSIBILITY TO ESCORT ELDERLY, DISABLED OR ANY OTHER PEDESTRIANS IN NEED OF ASSISTANCE THROUGH THE CONSTRUCTION SITE. A WORKER ASSIGNED WITH THIS RESPONSIBILITY MAY ALSO PARTICIPATE IN OTHER CONSTRUCTION ACTIVITIES; HOWEVER, THE ASSIGNED WORKER SHALL BE AWARE OF HIS OR HER RESPONSIBILITIES FOR PROVIDING THIS ASSISTANCE. MEASURES THAT SIMPLY CLOSE THE SIDEWALK, WITH THE EXCEPTION THAT PEDESTRIANS WILL CROSS SOMEWHERE ELSE DOES NOT ADEQUATELY SATISFY PEDESTRIAN ACCESS. PEDESTRIANS SHOULD NEVER BE DIRECTED/ EXPECTED TO CROSS A MULTI-LANE ROADWAY AT ANY LOCATION OTHER THAN AT A SIGNAL (OR ALL-WAY STOP). ACCOMMODATIONS SHOULD BE MADE ON THE SAME SIDE OF ROADWAY AS WORK.

TABLES CHART

Posted Speed	Formula	Buffer Space	Minimum Taper Lengths									Maximum *Cone Spacing	Sign Spacing
			10' Offset			11' Offset			12' Offset				
			L Merge	1/2 L Shift	1/3 L Shoulder	L Merge	1/2 L Shift	1/3 L Shoulder	L Merge	1/2 L Shift	1/3 L Shoulder		
25		155'	104'	52'	35'	115'	57'	38'	125'	63'	42'	25'	100' - 200'
30		200'	150'	75'	50'	165'	83'	55'	180'	90'	60'	30'	120' - 240'
35	$L = \frac{WS^2}{60}$	250'	204'	102'	68'	225'	112'	75'	245'	123'	82'	35'	140' - 280'
40		305'	267'	133'	89'	293'	147'	98'	320'	160'	107'	40'	160' - 320'
45		360'	450'	225'	150'	495'	248'	165'	540'	270'	180'	45'	350' - 500'
50		425'	500'	250'	167'	550'	275'	183'	600'	300'	200'	50'	525' Max
55	L = WS	495'	550'	275'	183'	605'	303'	202'	660'	330'	220'	50'	550' Max
60		570'	600'	300'	200'	660'	330'	220'	720'	360'	240'	50'	575' Max
65		645'	650'	325'	217'	715'	358'	238'	780'	390'	260'	50'	600' Max
70		730'	700'	350'	233'	770'	385'	257'	840'	420'	280'	50'	650' Max

Both are based on.
1.) 85th % Tile or if not available, then use
2.) Posted Speed Limit (PSL)

L = Taper Length
S = Speed
W = Width (Offset from path of travel

*Cones shown on the templates are illustration purposes only. Exact number of cones required shall be based on cone spacing, taper lengths, actual field conditions, etc..

REVISIONS			
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DESIGNED CAA
CHECKED MAA

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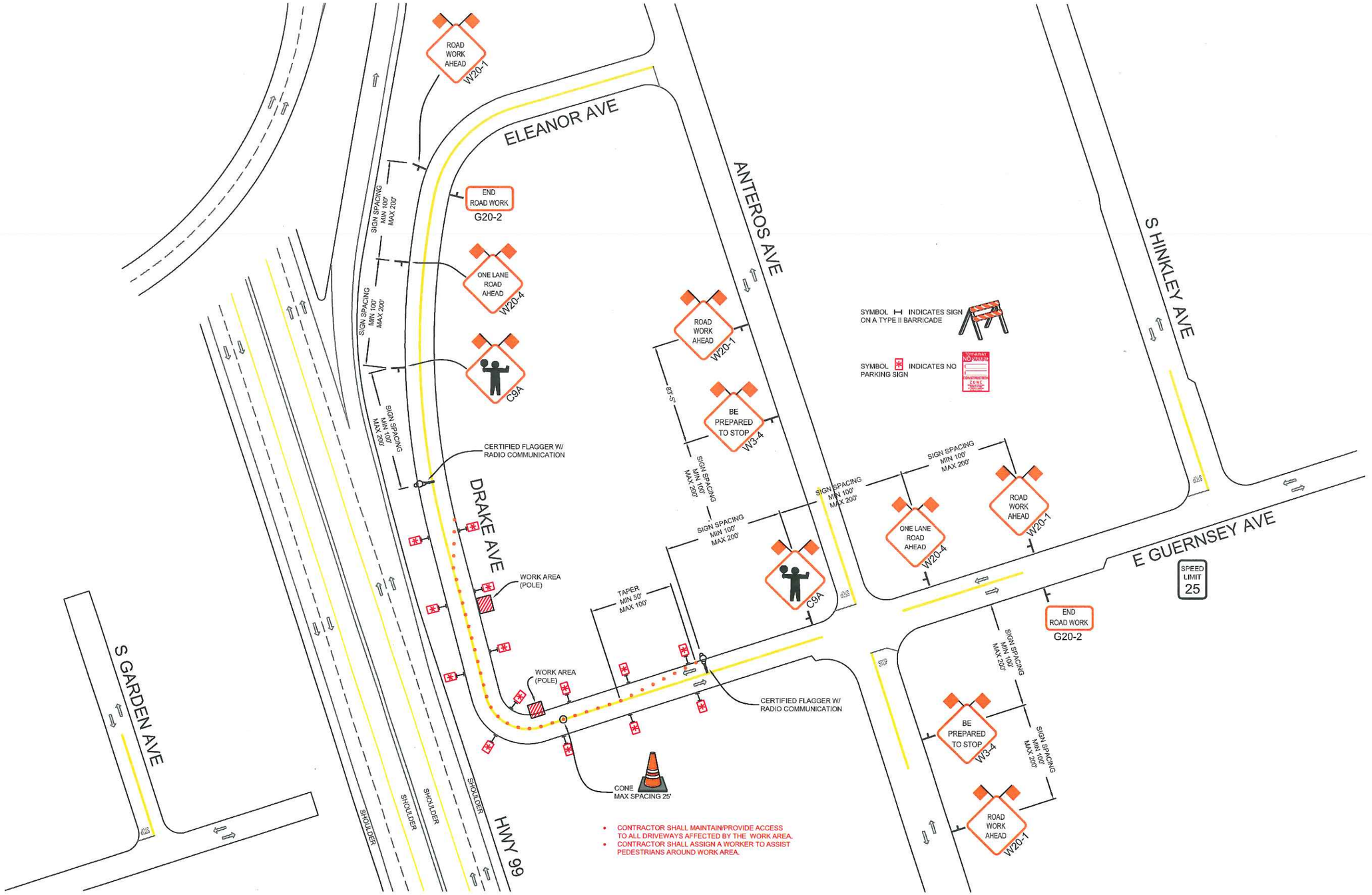
SHEET NOTES



REVISIONS

REV.	DESCRIPTION	BY	DATE

PM 30645465

ALMENDARIZ CONSULTING INC
ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION E GUERNSEY AVE AND DRAKE AVE, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
PHONE# (916) 760-1968
WORKING HOURS 800AM-330PM MON-FRI

PROJECT NO. 12003
DRAWN CAA
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CHECKED MAA

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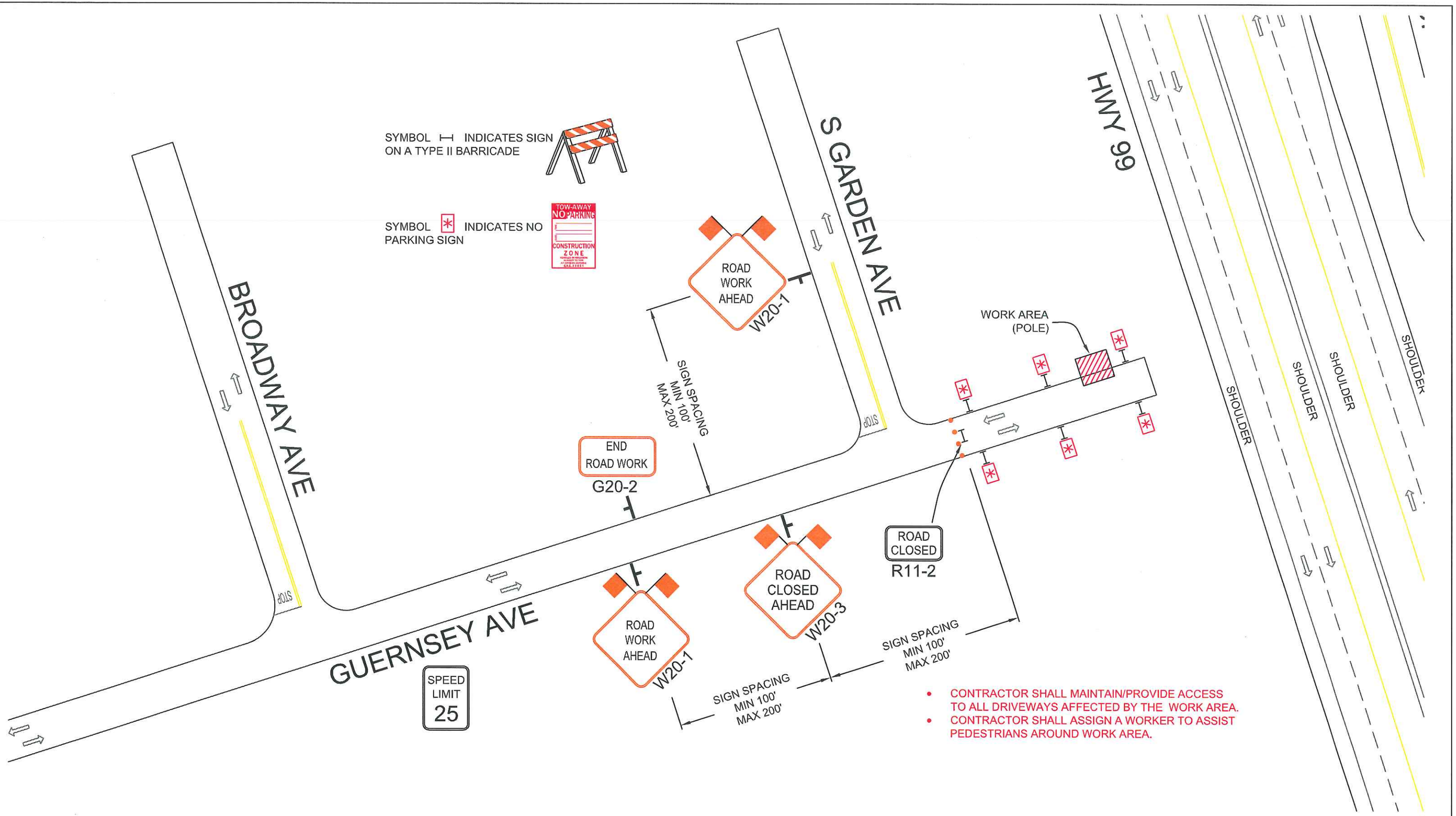

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- CONTRACTOR SHALL ASSIGN A WORKER TO ASSIST PEDESTRIANS AROUND WORK AREA.

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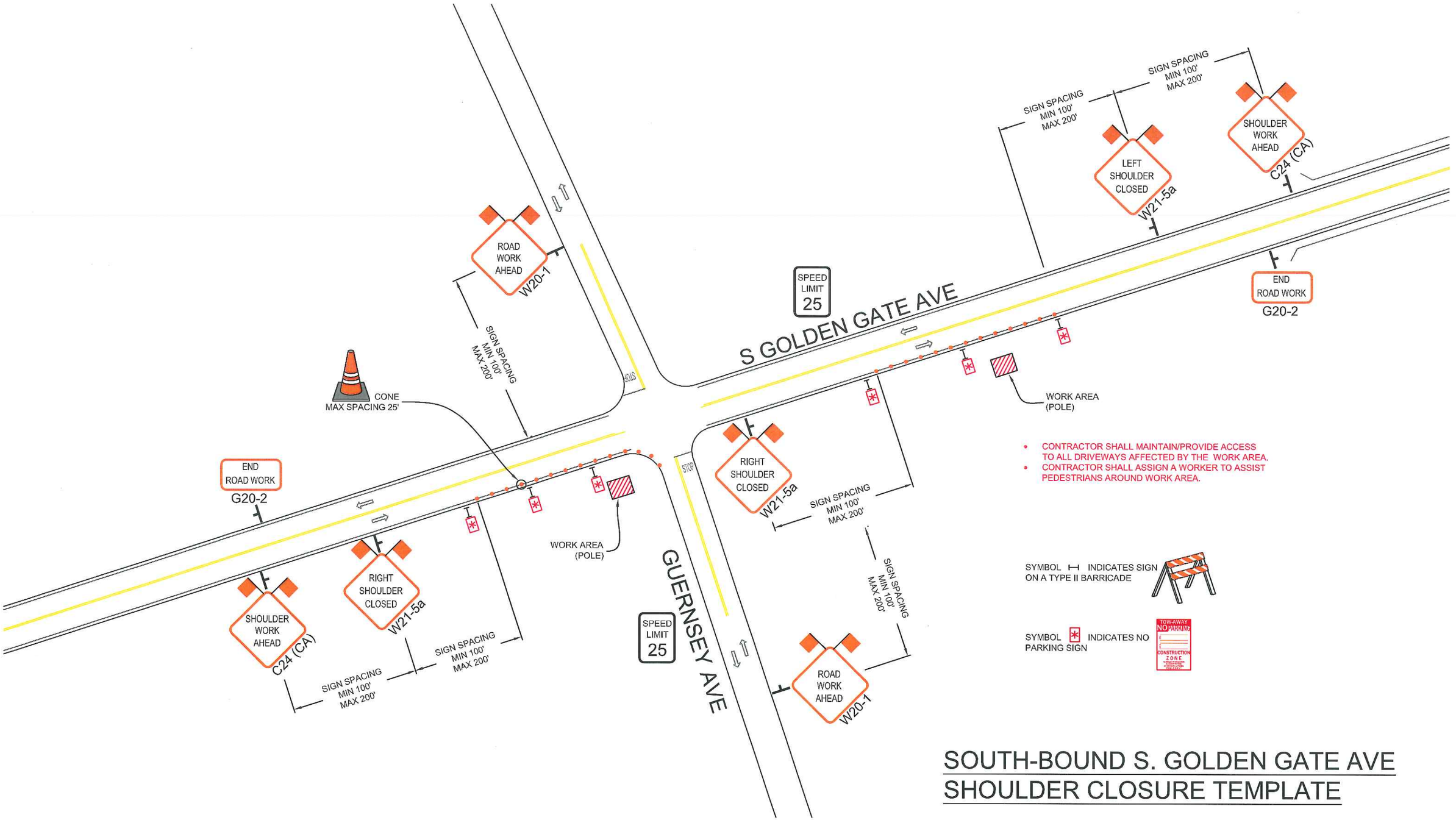

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SYMBOL ⊢ INDICATES SIGN ON A TYPE II BARRICADE

SYMBOL * INDICATES NO PARKING SIGN

TOW-AWAY NO PARKING
CONSTRUCTION ZONE

SOUTH-BOUND S. GOLDEN GATE AVE SHOULDER CLOSURE TEMPLATE

REVISIONS			
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ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(858) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION S GOLDEN GATE AVE AND GUERNSEY AVE, STOCKTON, CA

Pacific Gas and Electric Company

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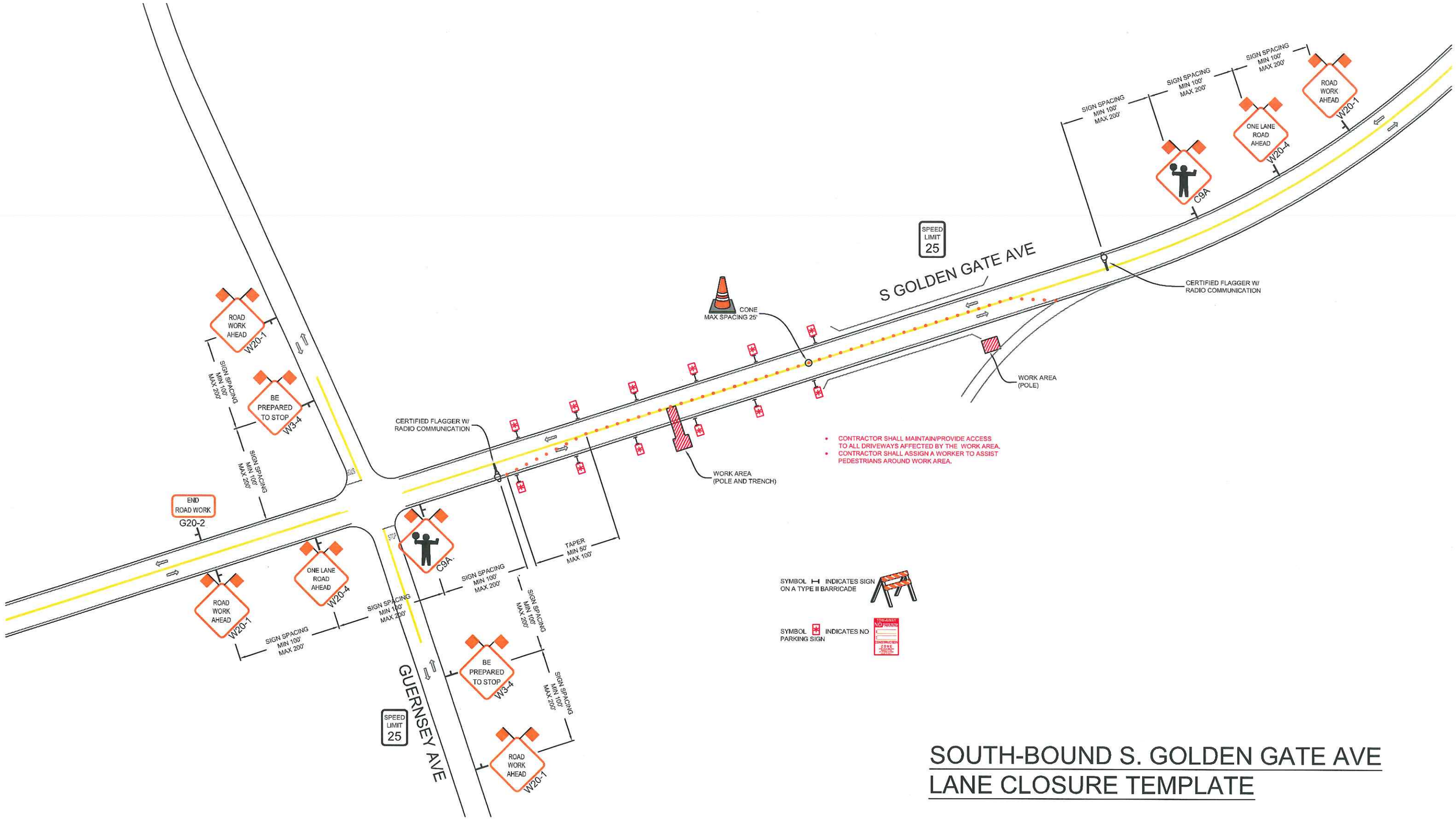
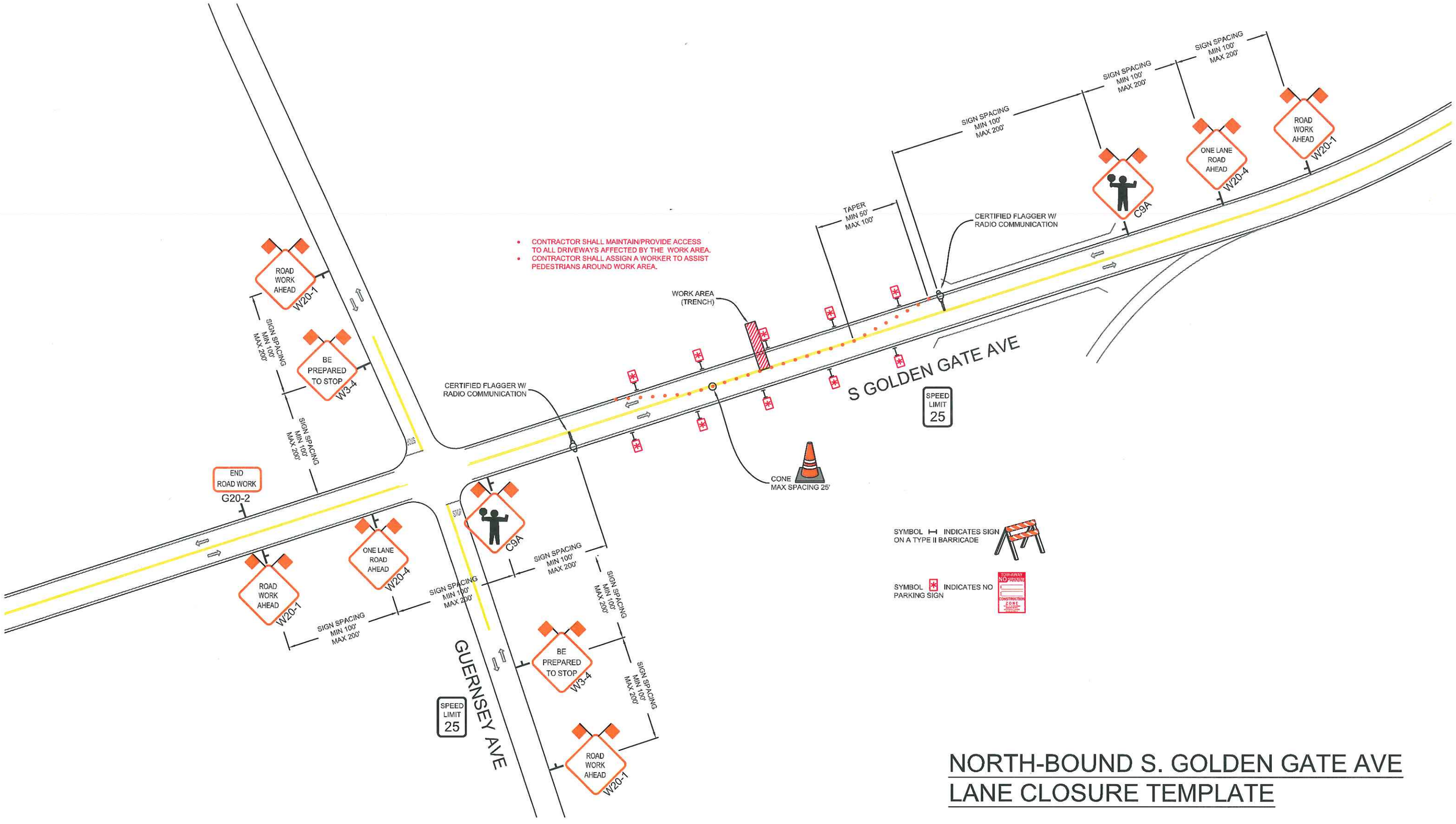


SOUTH-BOUND S. GOLDEN GATE AVE LANE CLOSURE TEMPLATE

REVISIONS				PM 30645465		ALMENDARIZ CONSULTING INC	LOCATION S GOLDEN GATE AVE, STOCKTON, CA	PROJECT NO. 12003
REV.	DESCRIPTION	BY	DATE			ALMENDARIZ CONSULTING 1144 SUNCAST LN STE 1 EL DORADO HILLS, CA 95762 (888) 306-1211 OFFICE (888) 768-7022 FAX	PG&E Pacific Gas and Electric Company CONTACT CHRIS HOLMES PHONE* (916) 760-1968 WORKING HOURS 800AM-330PM MON-FRI	DRAWN CAA DESIGNED CAA CHECKED MAA DATE APRIL 25, 2012

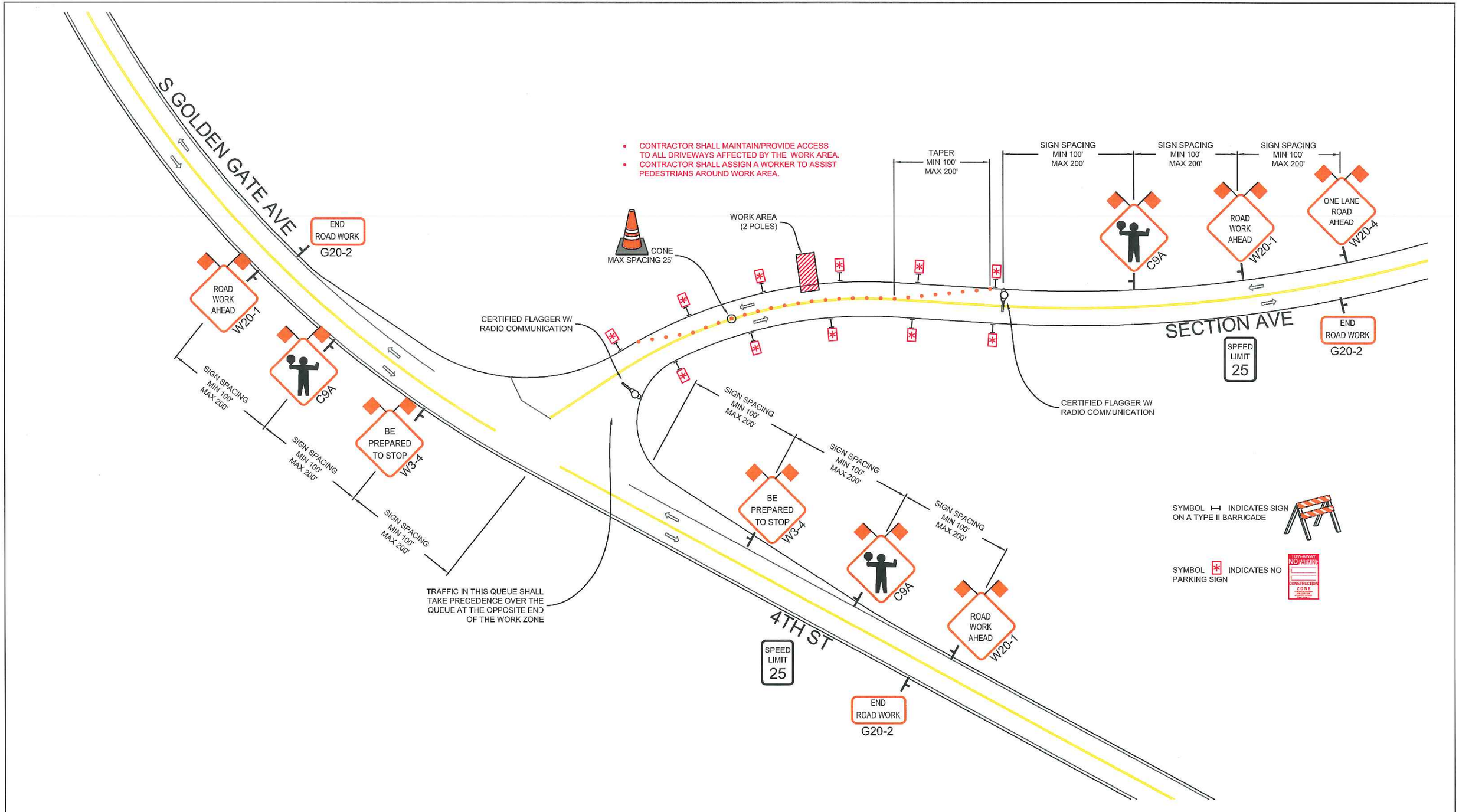
N

SHEET NO. 4 OF 19



NORTH-BOUND S. GOLDEN GATE AVE LANE CLOSURE TEMPLATE

REVISIONS				PM 30645465		ALMENDARIZ CONSULTING	LOCATION S GOLDEN GATE AVE, STOCKTON, CA	PROJECT NO. 12003	
REV.	DESCRIPTION	BY	DATE			ALMENDARIZ CONSULTING 1144 SUNCAST LN STE 1 EL DORADO HILLS, CA 95762 (888) 306-1211 OFFICE (888) 768-7022 FAX	Pacific Gas and Electric Company CONTACT CHRIS HOLMES PHONE* (916) 760-1968 WORKING HOURS 800AM-330PM MON-FRI	DRAWN CAA DESIGNED CAA CHECKED MAA DATE APRIL 25, 2012	N SHEET NO. 5 OF 19



REVISIONS			
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ALMENDARIZ CONSULTING
ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION SECTION AVE, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
PHONE* (916) 760-1968
WORKING HOURS 800AM-330PM MON-FRI

PROJECT NO. 12003
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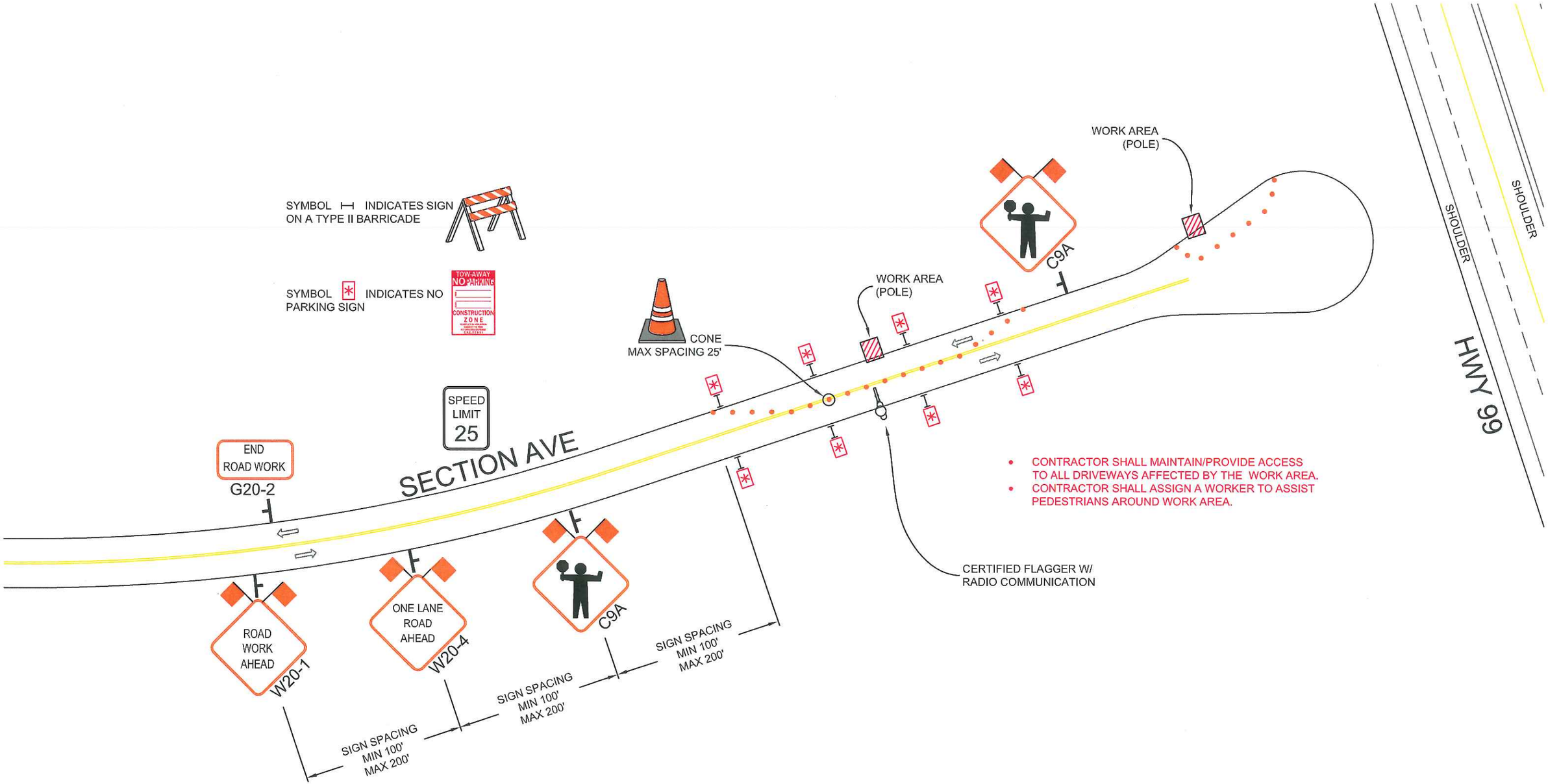

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1144 SUNCAST LN STE 1
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LOCATION SECTION AVE, STOCKTON, CA

Pacific Gas and Electric Company

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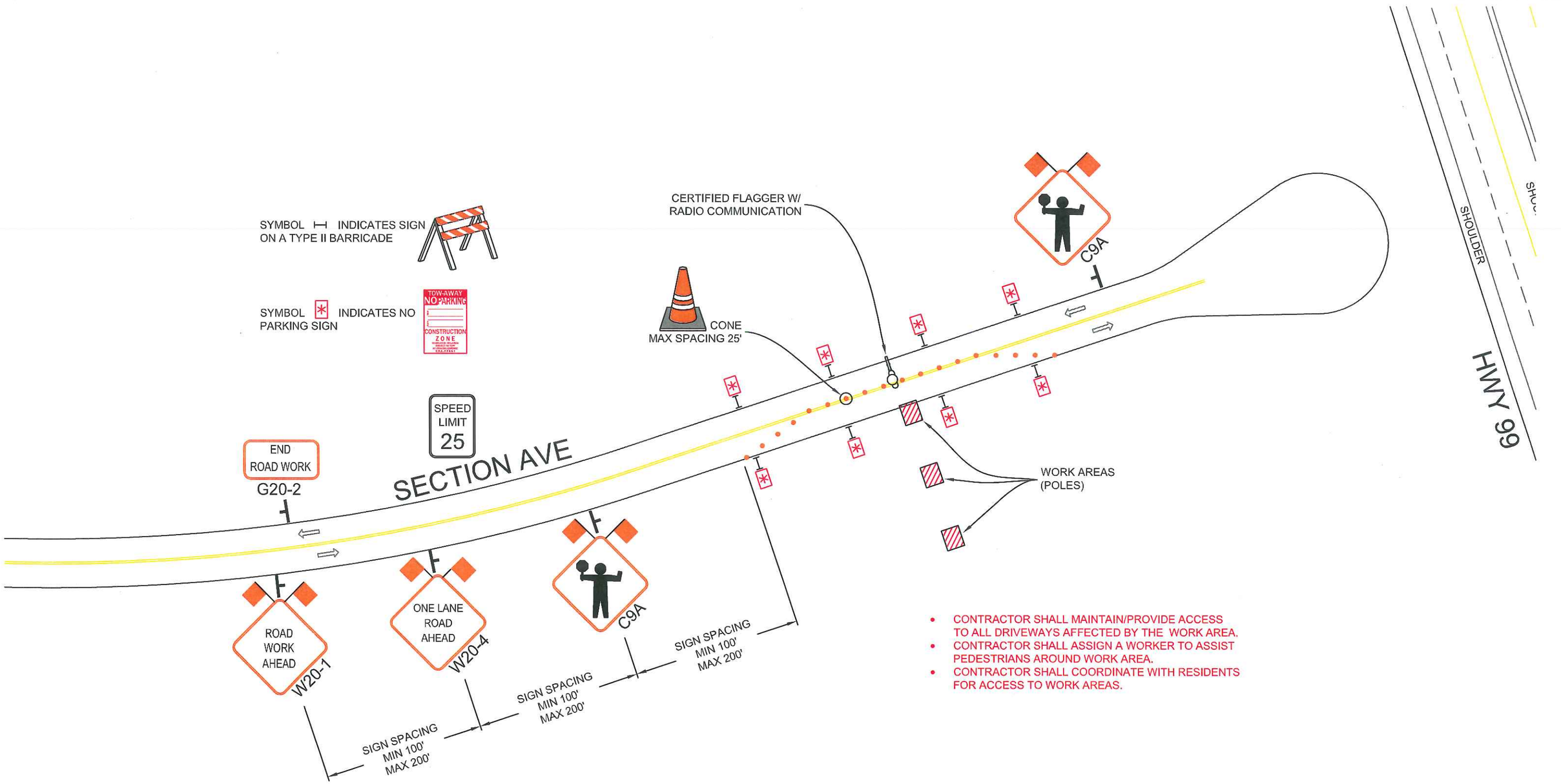

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- CONTRACTOR SHALL ASSIGN A WORKER TO ASSIST PEDESTRIANS AROUND WORK AREA.
- CONTRACTOR SHALL COORDINATE WITH RESIDENTS FOR ACCESS TO WORK AREAS.

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1144 SUNCAST LN STE 1
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(888) 306-1211 OFFICE (888) 768-7022 FAX

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Pacific Gas and Electric Company

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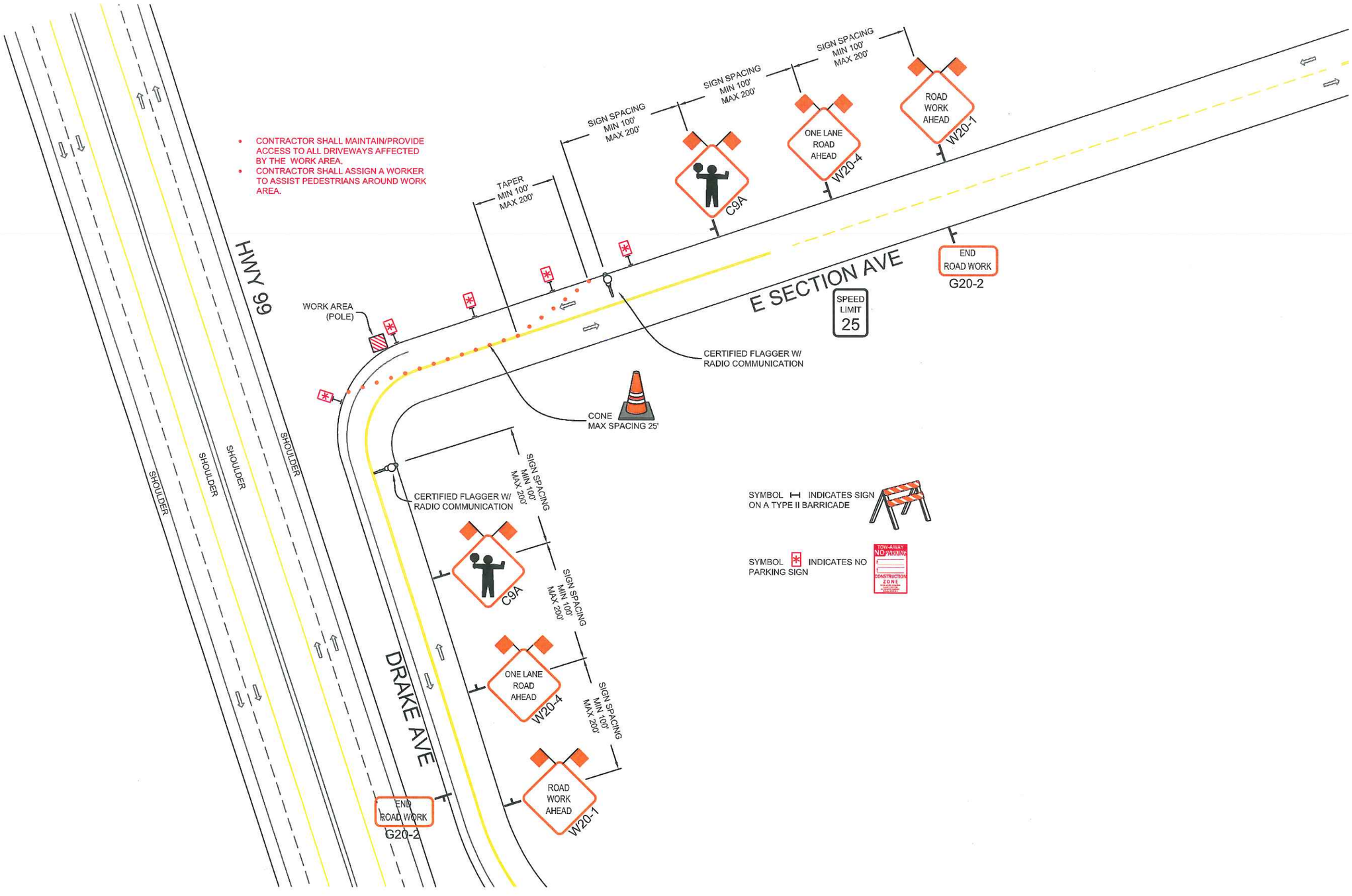

SYMBOL ⊢ INDICATES SIGN ON A TYPE II BARRICADE

SYMBOL ✱ INDICATES NO PARKING SIGN

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ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION E. SECTION AVE AND DRAKE AVE, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
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WORKING HOURS 800AM-330PM MON-FRI

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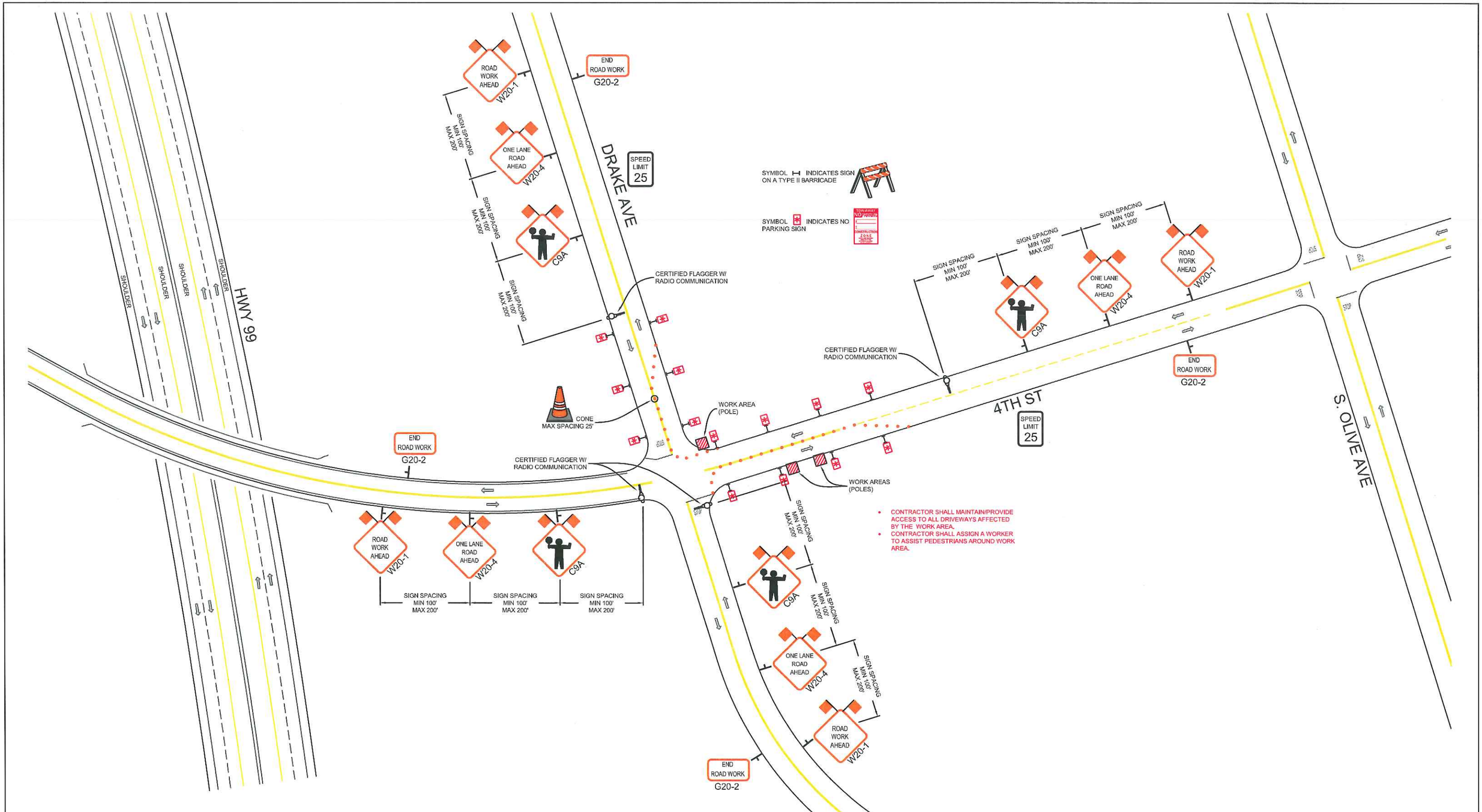

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ALMENDARIZ CONSULTING
ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(858) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION 4TH STREET AVE AND DRAKE AVE, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
PHONE* (916) 760-1968
WORKING HOURS 800AM-330PM MON-FRI

PROJECT NO. 12003
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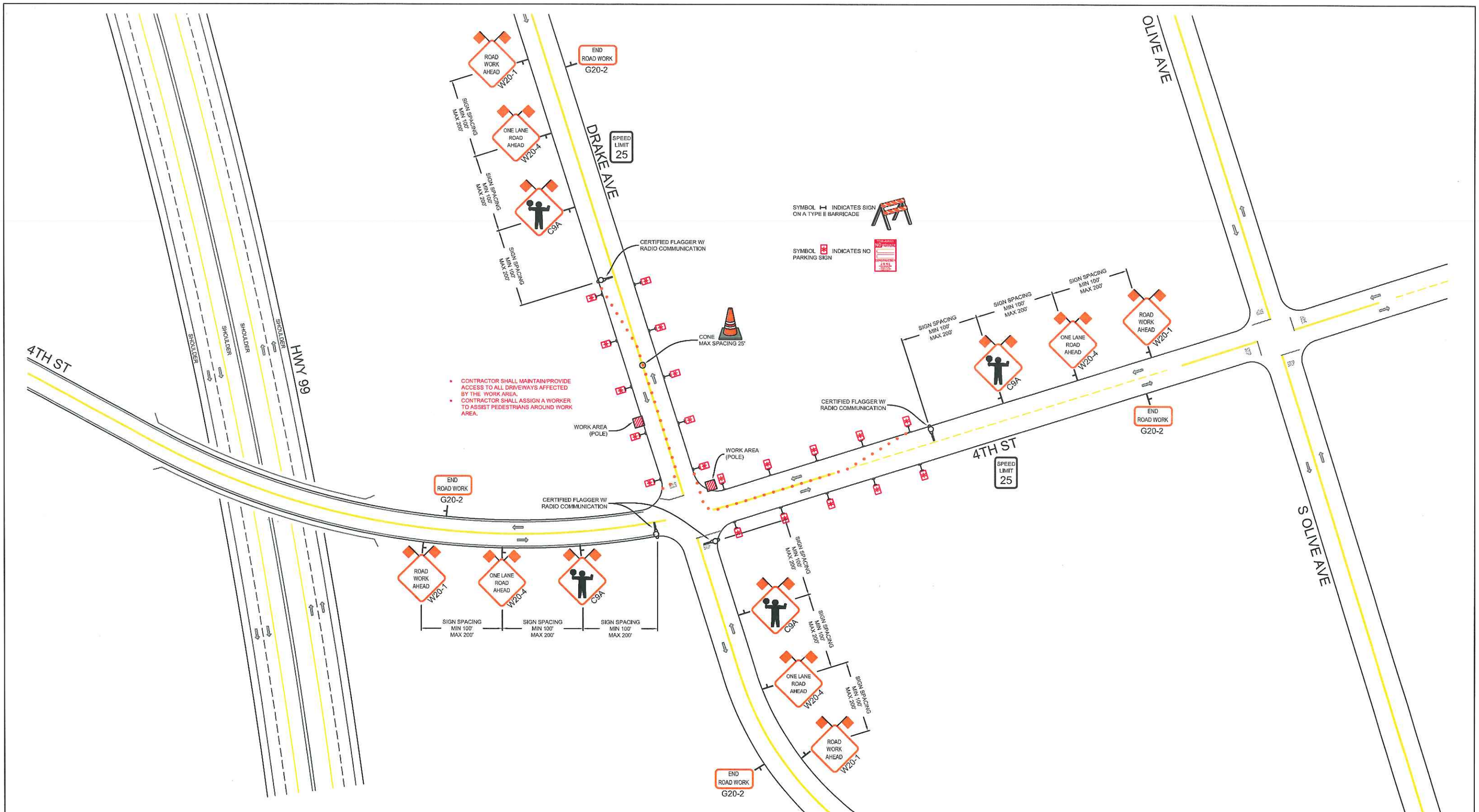

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ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
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(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION 4TH STREET AVE AND DRAKE AVE, STOCKTON, CA

Pacific Gas and Electric Company

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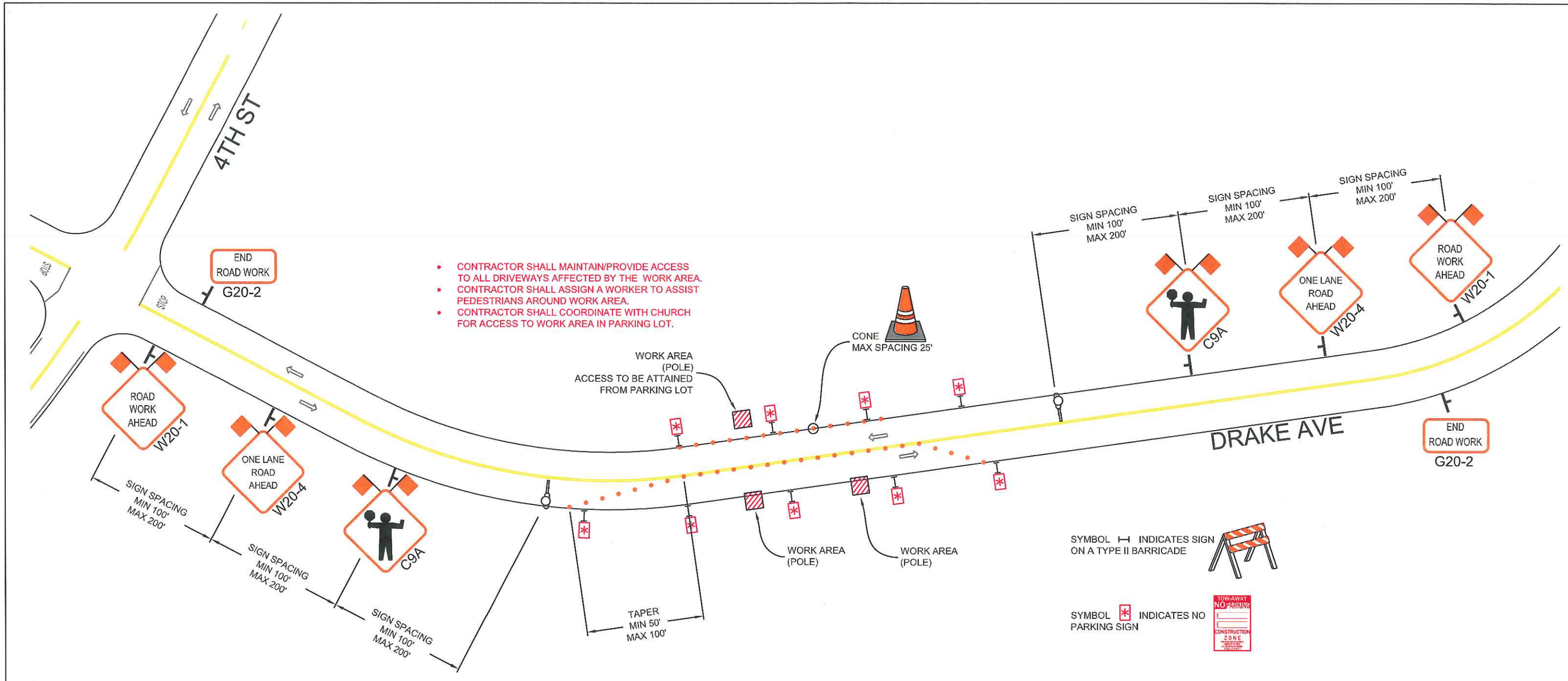

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ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION DRAKE AVE, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
PHONE# (916) 760-1968
WORKING HOURS 800AM-330PM MON-FRI

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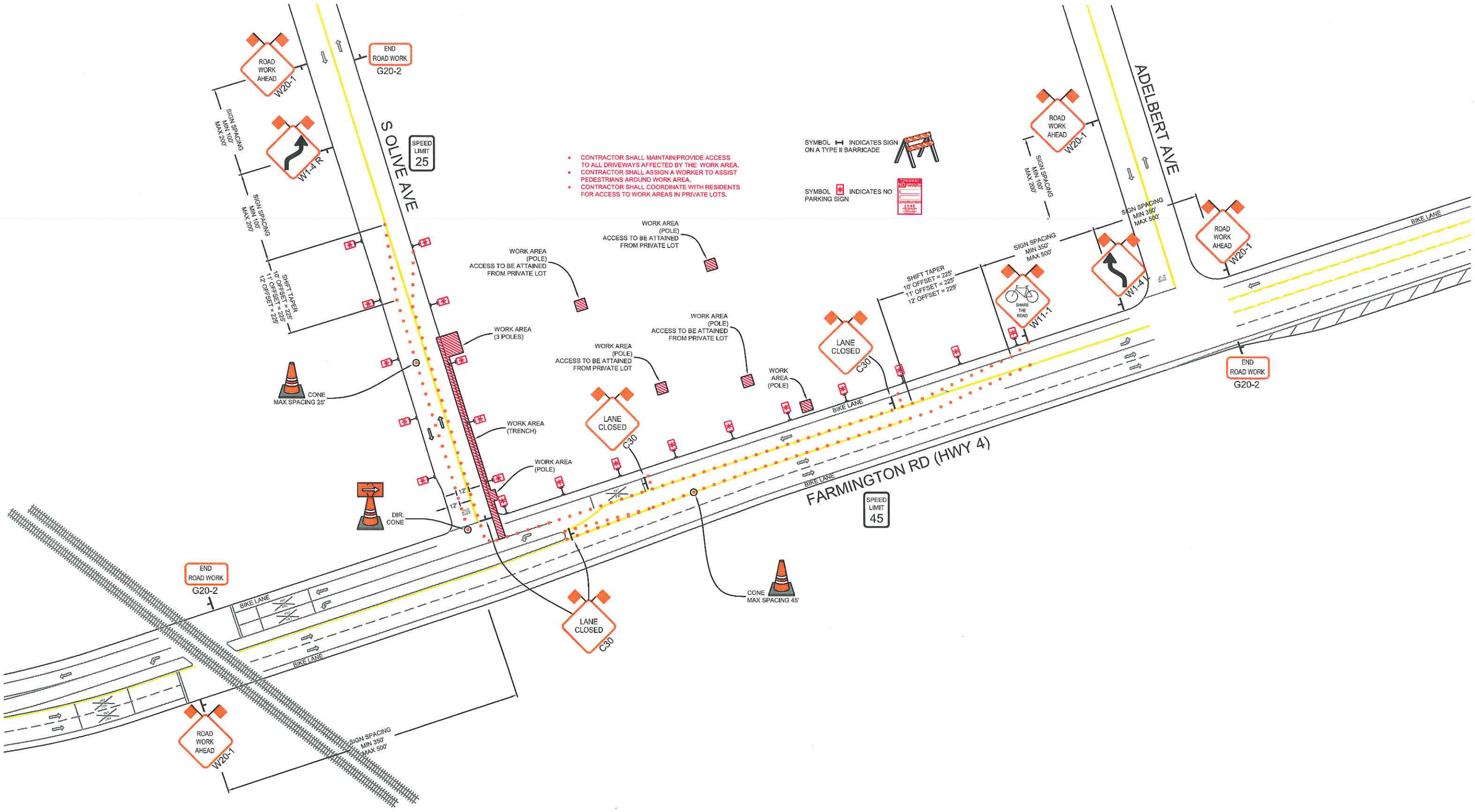

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ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION S. OLIVE AVE AND FARMINGTON RD, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT CHRIS HOLMES
PHONE* (916) 760-1968
WORKING HOURS 800AM-330PM MON-FRI

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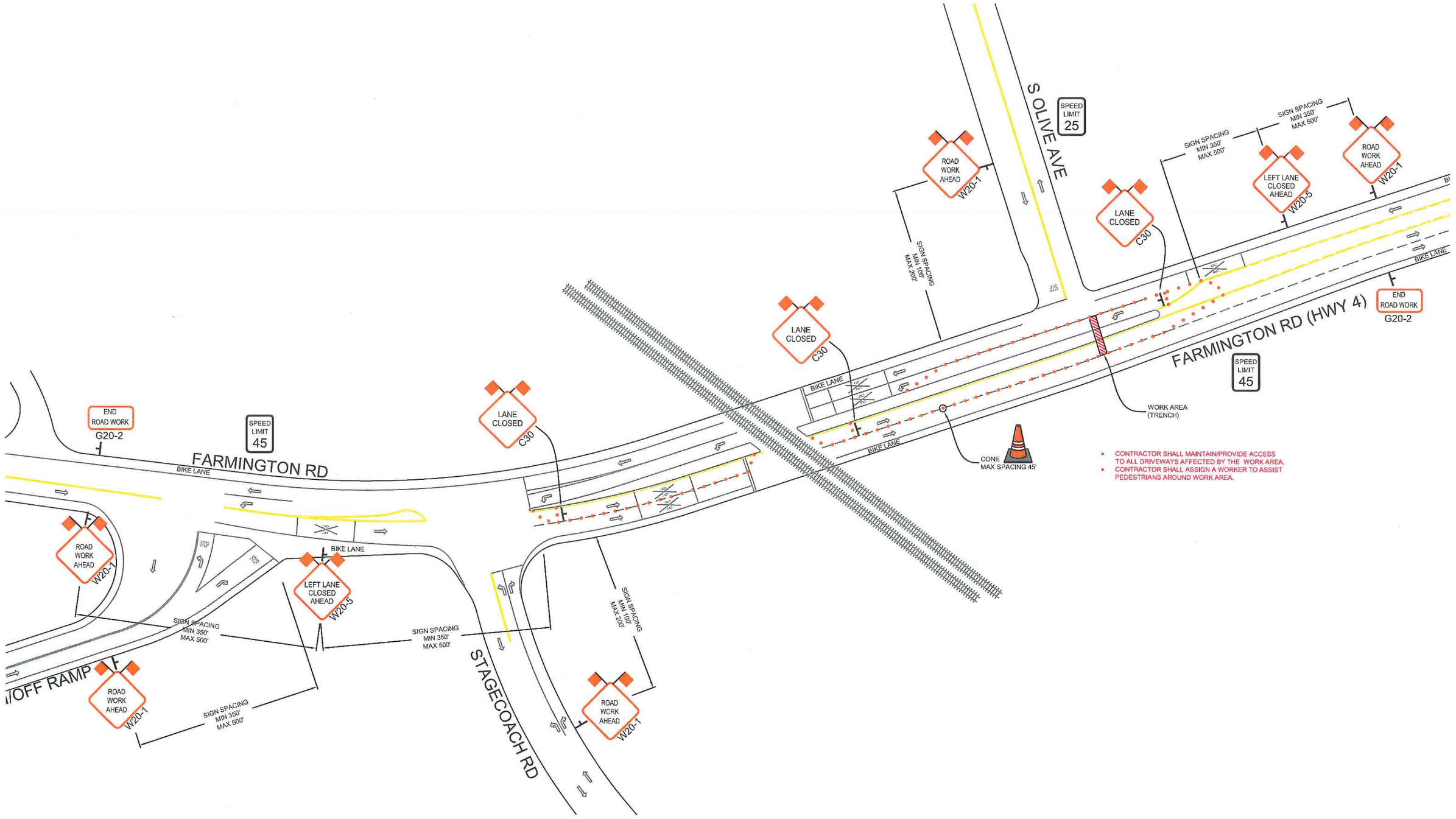

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ALMENDARIZ CONSULTING
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION FARMINGTON RD AND S. OLIVE AVE, STOCKTON, CA

Pacific Gas and Electric Company

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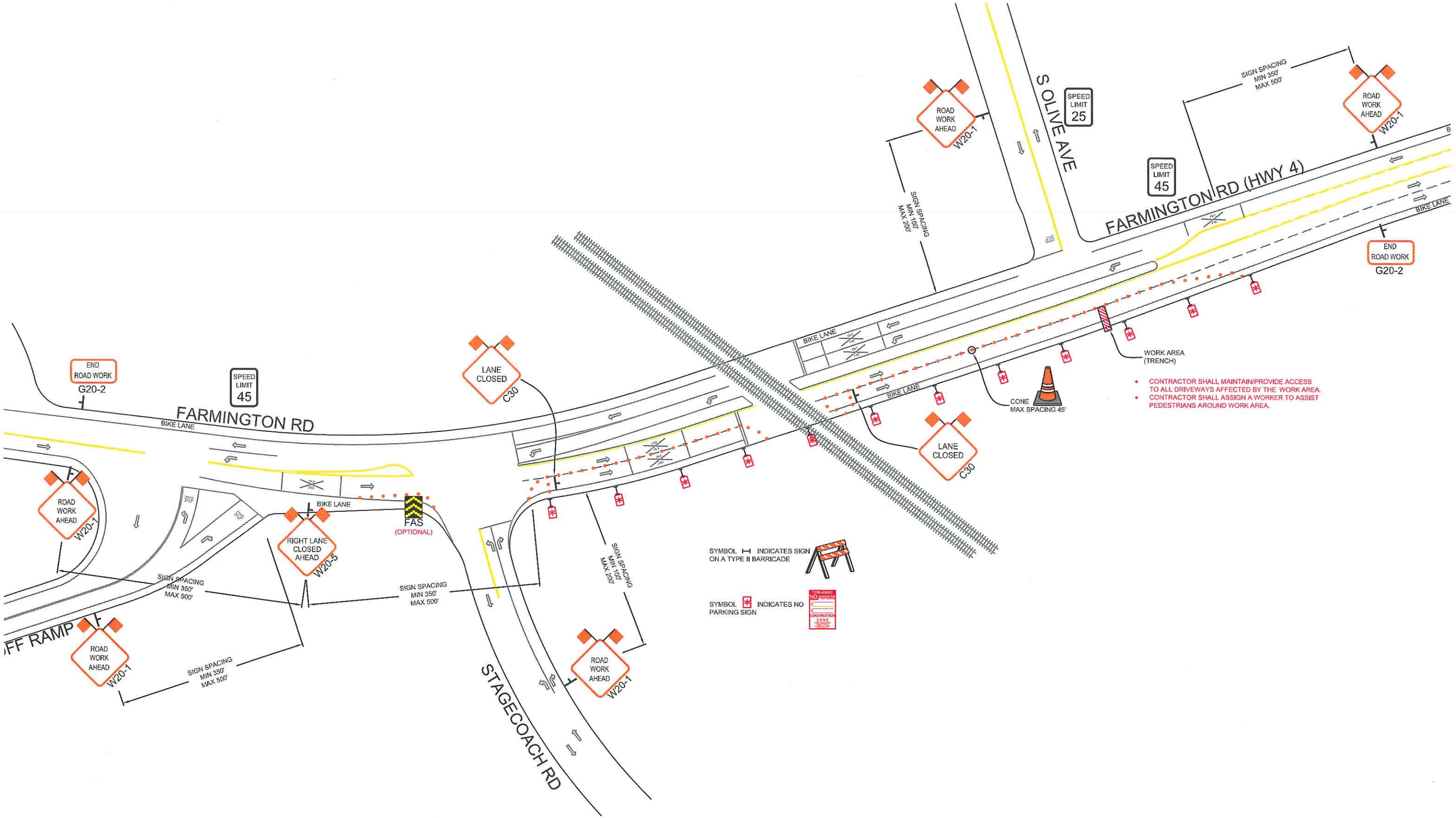

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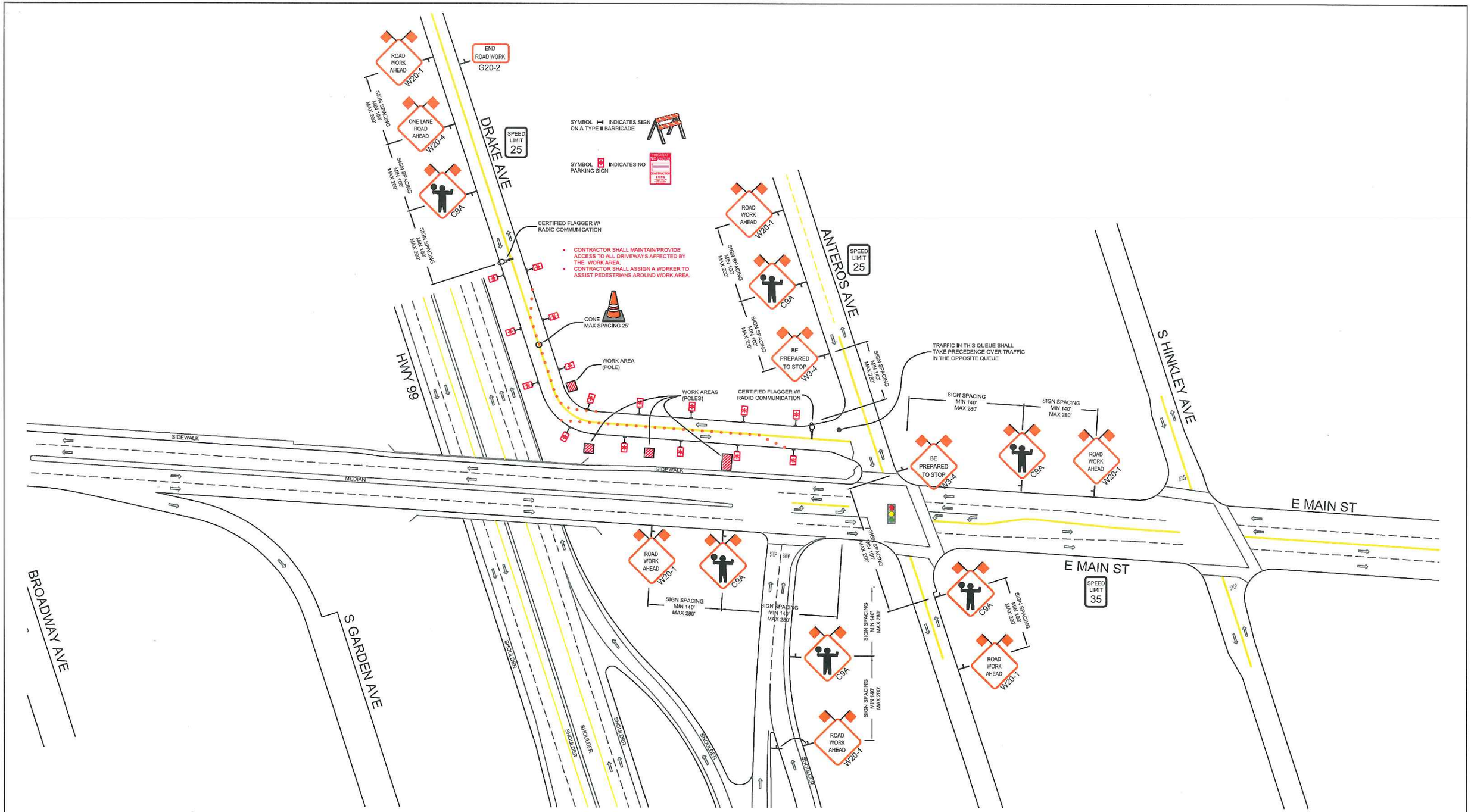
SHEET NO. 15 OF 19



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EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX

LOCATION E. MAIN ST AND DRAKE AVE, STOCKTON, CA

Pacific Gas and Electric Company

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END ROAD WORK G20-2

WORK AREAS (POLES)

WORK AREA (POLE)

SIDEWALK

250' BUFFER

LANE CLOSED

C30

FAS

TAPER
10' OFFSET = 204'
11' OFFSET = 225'
12' OFFSET = 245'

SIDEWALK

MEDIAN

DRAKE AVE

ROAD WORK AHEAD W20-1

SIGN SPACING MIN 100' MAX 200'

SIGN SPACING MIN 140' MAX 280'

ANTEROS AVE

W4-2 R

RIGHT LANE CLOSED AHEAD W20-5

ROAD WORK AHEAD W20-1

E MAIN ST

SPEED LIMIT 35

STOP

ROAD WORK AHEAD W20-1

SIGN SPACING MIN 140' MAX 280'

CONE MAX SPACING 35'

BROADWAY AVE

S GARDEN AVE

HWY 99

SHOULDER

SHOULDER

SHOULDER

SHOULDER

SHOULDER

STOP

STOP

SIGN SPACING MIN 140' MAX 280'

ROAD WORK AHEAD W20-1

END ROAD WORK G20-2

SIGN SPACING MIN 100' MAX 200'

ROAD WORK AHEAD W20-1

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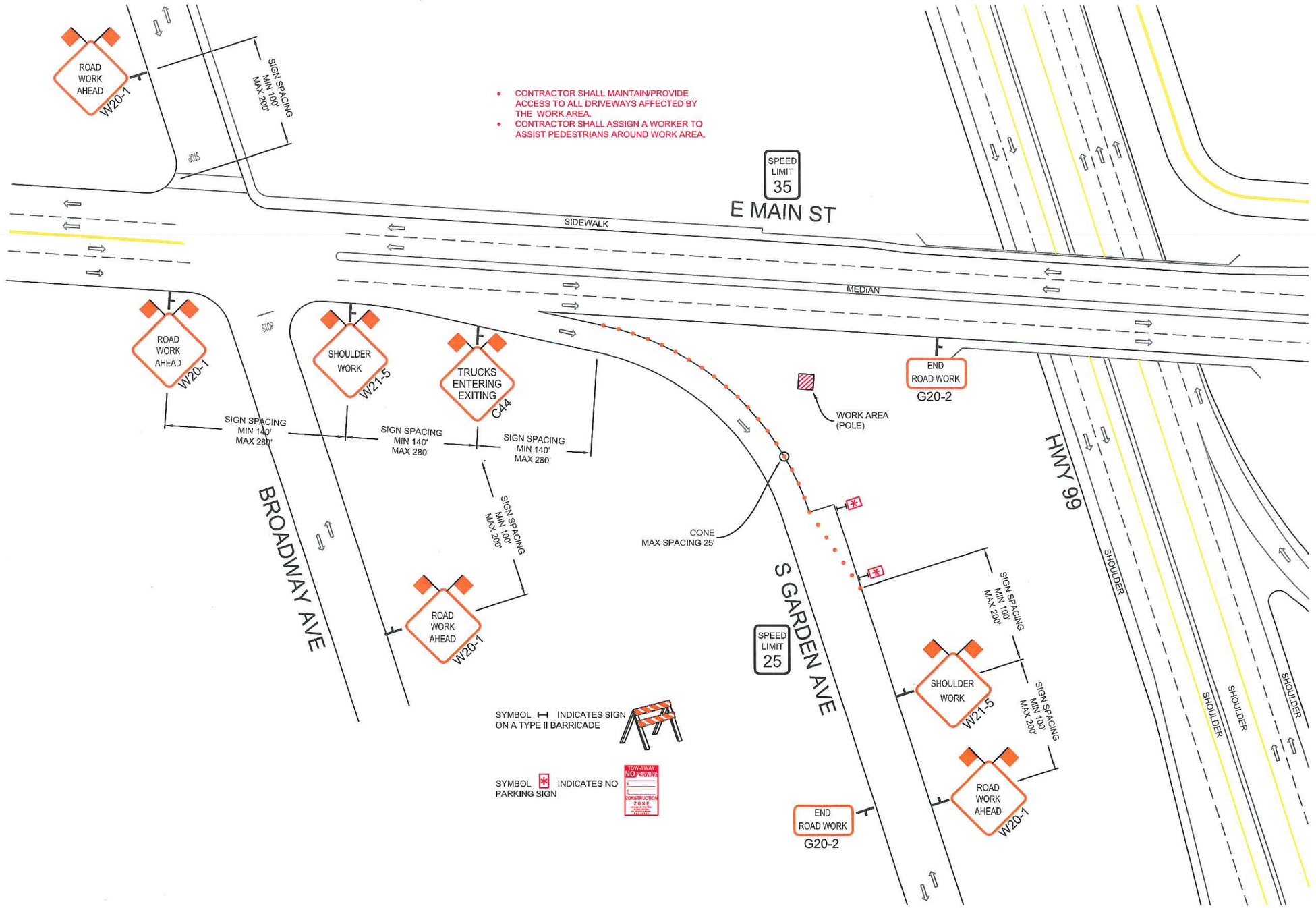

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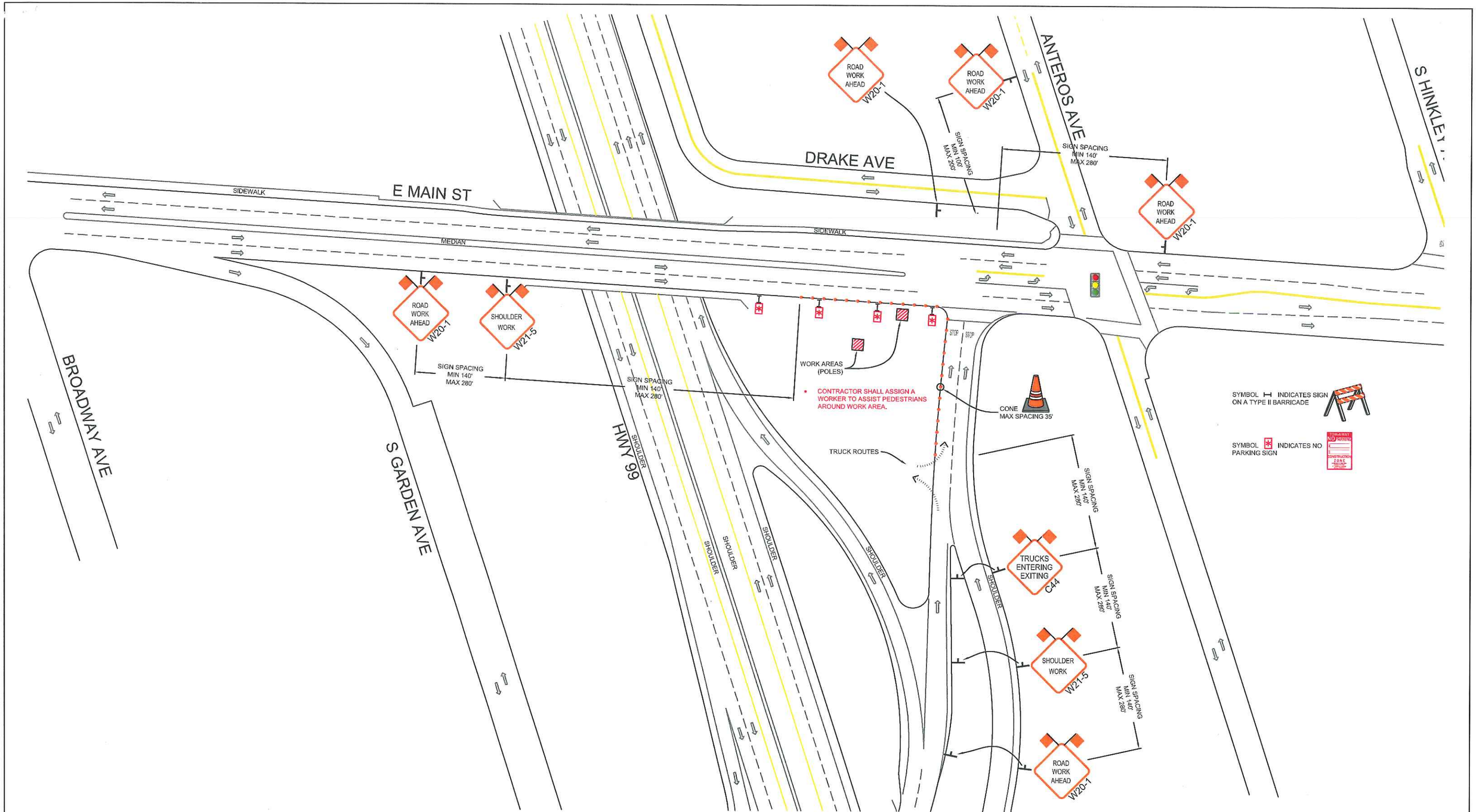

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