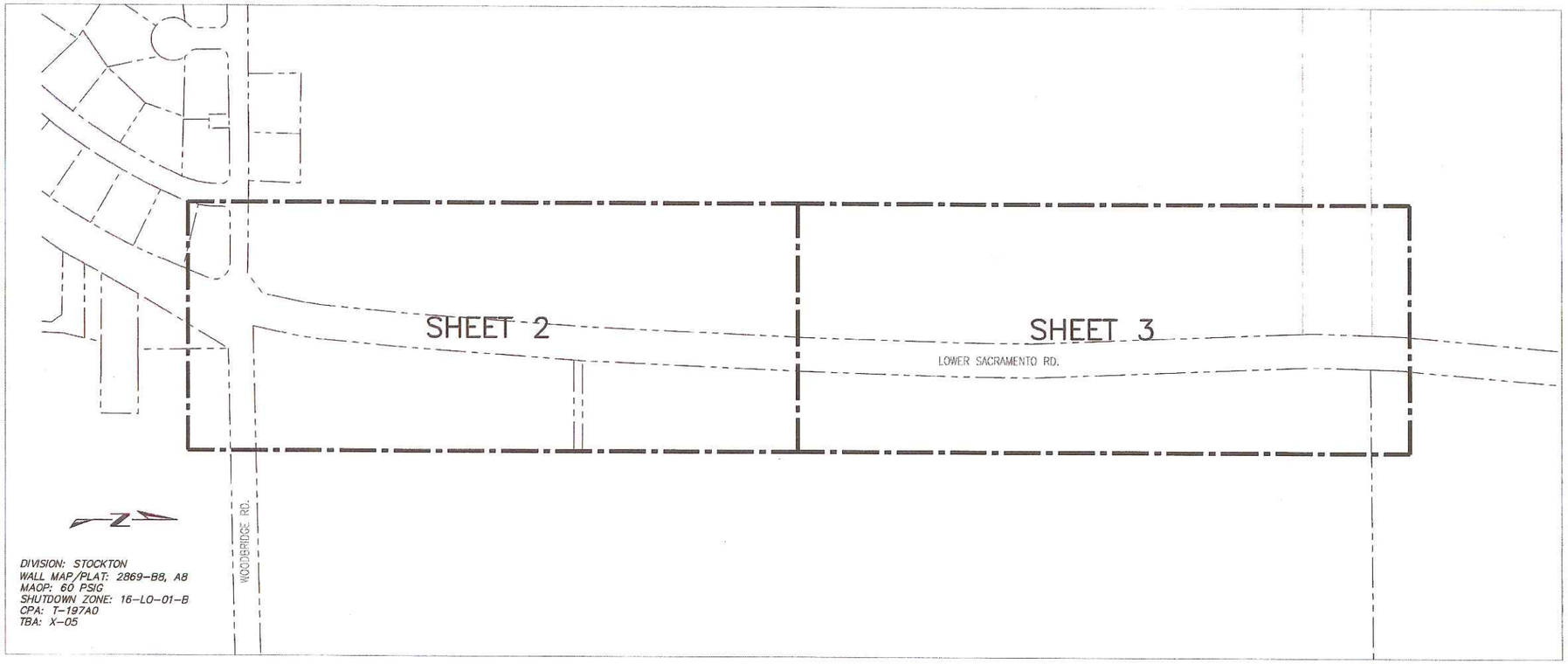
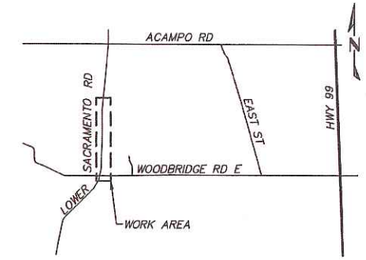


DIVISION: STOCKTON
WALL MAP/PLAT: 2869-B8, A8
MAOP: 60 PSIG
SHUTDOWN ZONE: 16-LO-01-B
CPA: T-197A0
TBA: X-05



WOODBRIDGE VICINITY MAP

NOT TO SCALE

LEGEND

- PROPERTY LINE
- EXISTING GAS
- PROPOSED GAS MAIN (HIGH PRESSURE)
- PROPOSED GAS SERVICE
- 5# ZINC ANODE
- 32# MAGNESIUM ANODE
- C-O CUTOFF
- TRANSITION FITTING
- ELECTRONIC MARKER SYSTEM
- REDUCER
- VALVE
- ELECTROLYSIS TEST STATION

SCHEDULE OF SHEETS

SHEET 1 -- SHEET INDEX, CONSTRUCTION NOTES & BOM
SHEET 2 -- CONSTRUCTION DRAWING, DETAILS
SHEET 3 -- CONSTRUCTION DRAWING, DETAILS

JOB SUMMARY

1. INSTALL 2600 FT. OF 4" PL HP FROM EXISTING 4" PL HP STUB TO EXISTING 2" PL HP MAIN AT INTERSECTION OF LOWER SACRAMENTO RD. & WOODBRIDGE RD.
2. INSTALL NEW 100' FT. 1-1/4" PL HP SERVICE FROM NEW 4" PL HP MAIN TO EXISTING 1 ¼" STL SERVICE
3. TIE-IN DOWNSTREAM OF LOHP-98 REQUIRES 4" ELECTROFUSION COUPLING.
4. TIE-IN DOWNSTREAM OF LOHP-78 REQUIRES A 1" BYPASS, 2" TEE & 4"X2" REDUCER
5. CUT-OFF DIST. REG LOHP-52 & REMOVE
6. CUT-OFF DIST. REG LOHP-78 & REMOVE

NOTE:

-ALL GAS MAINS AND SERVICES TO BE MINIMUM OF 3' FROM WET UTILITIES.
-ALL DEACTIVATED MAIN TO BE PURGED OF NATURAL GAS IN ACCORDANCE WITH GAS STANDARD A-38.

CONSTRUCTION NOTES

1. PRIOR TO STARTING WORK, CONTACT CORROSION DEPARTMENT REGARDING CATHODIC PROTECTION REQUIREMENTS AND T&R SUPERVISOR REGARDING ANY SHUTDOWN, ABANDONMENT OF HPR'S OR STANDBY. CONTACT PLANNING ENGINEER PRIOR TO START.
2. WELDING
   ALL WELDING, TIE-INS, CUTTING AND CAPPING OF STEEL AND PLASTIC MAINS TO BE DONE PER WP-4170, GS&S D-22, AND TD-9500P-16.
3. COATING REMOVAL
   BEFORE REMOVING THE PIPE COATING ON PRE-1972 PIPE (DOES NOT INCLUDE PLASTIC TAPE OR FUSIONBONDED EPOXY COATINGS) THE FOLLOWING STEPS SHALL BE TAKEN:
   -FOR ALL NON-EMERGENCY WORK, PRE-1972 PIPE WRAP MUST BE EVALUATED TO DETERMINE IF IT CONTAINS ASBESTOS PRIOR TO REMOVAL.
   -FOR EMERGENCY WORK ON PRE-1972 PIPE, ASSUME THE WRAP CONTAINS > 1% ASBESTOS UNTIL THE WRAP CAN BE TESTED.
   -OBTAIN SAMPLES OF THE WRAP, AND HAVE SAMPLES TESTED FOR ASBESTOS IN ACCORDANCE WITH WP 4711-01.
   -TEST RESULTS ARE TO BE INCLUDED WITH AS-BUILTS.
   -FOLLOW PROCEDURE IN WP 4711-01 FOR REMOVAL OF PIPE WRAP.
4. DEACTIVATION OF EXISTING PIPE
   FOR 10" DIAMETER AND LESS MAINS TO BE DEACTIVATED, PURGE PER GS&S A-38, ATTACHMENT B, PROCEDURE 1. AFTER PURGING, CLOSE ALL VALVES AND SEAL ANY OPEN ENDS OF DEACTIVATED PIPE (CUT AND REMOVE 18" MINIMUM SECTION AND CAP ENDS OF DEACTIVATED PIPE.)
   CUT-OFF AND DEACTIVATE ALL GAS FACILITIES AS PER TD-9500P-16
5. PLACE ELECTRONIC MARKING SYSTEM (EMS) DEVICES (CODE 37-4944) ON ALL CUT OFF ENDS AND SECTIONALIZING POINTS OF DEACTIVATED PIPE PER UTILITY OPERATIONS UTILITY WORK PROCEDURE TD-9500P-11.
6. HYDROSTATIC TEST REQUIREMENTS
   HYDROSTATIC TESTING SHALL MEET PRESSURE AND DURATION REQUIREMENTS OF GAS STANDARD A-34 AND SHALL BE CONDUCTED IN ACCORDANCE WITH GAS STANDARD TD-4137S, TD-4137P-01, TD-4137P-02 & TD-4137P-03.
7. REMOVE AND REPLACE TRENCH SPOIL WITH SELECT BACKFILL AS REQUIRED BY PG&E SPECIFICATIONS, AND LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
8. PLACE TEMPORARY AND/OR PERMANENT PAVING IN ACCORDANCE WITH ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
9. CROSSING EXISTING WATER, SEWER, & STORM DRAIN LINES, EITHER UNDER OR OVER, AS REQUIRED TO MEET CLEARANCE REQUIREMENTS PER UO STANDARD S5453.
10. REFER TO GAS STANDARDS A-90 & A-93.1 FOR TYPICAL DIRECT BURIAL PLASTIC GAS MAIN & SERVICE INSTALLATION.
11. REFER TO GAS STANDARDS A-90.2, O-12, O-13, O-13.1, & O-16 FOR TYPICAL ANODE & LOCATING WIRE INSTALLATION ON DIRECT BURIAL PLASTIC GAS MAIN AND SERVICES.

ISSUED FOR PERMIT
NOT
APPROVED FOR CONSTRUCTION

GTS
575 Lennon Ln. #250
Walnut Creek, CA (925) 478-8530
www.gtsinc.us
Project No. 13178

ENGINEERING AND PLANNING DEPT.
6121 BOLLINGER CANYON ROAD
SAN RAMON, CA 94583
FAX #
PHONE #
PG&E PACIFIC GAS AND ELECTRIC COMPANY

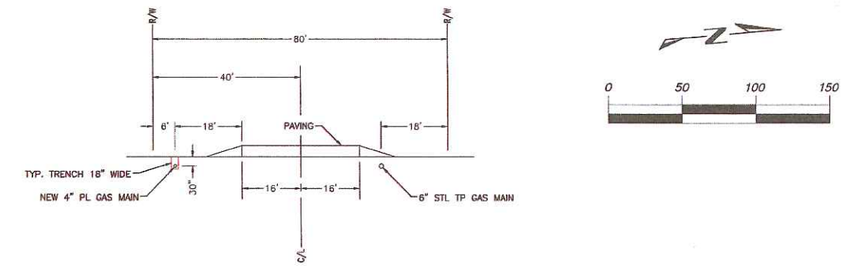
CO: N/A
SD: N/A
NOTIF.: 106177032
Other: N/A
SHT: SHEET 1 OF 3 SHEETS
PM: 30944550
REV. P2

EST: JOHN CORDOZA
ADE: LARRY LUIS
SUPV: PHIL STORMENT
REP: KELLE BOBBITT
PLNR: DAVE RYMERS
SCALE: 1:150
DATE: 11/01/13

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
P2	11/01/13	RE-ISSUED FOR PERMIT					
B	06/18/13	ISSUED FOR PERMIT					

REVISIONS

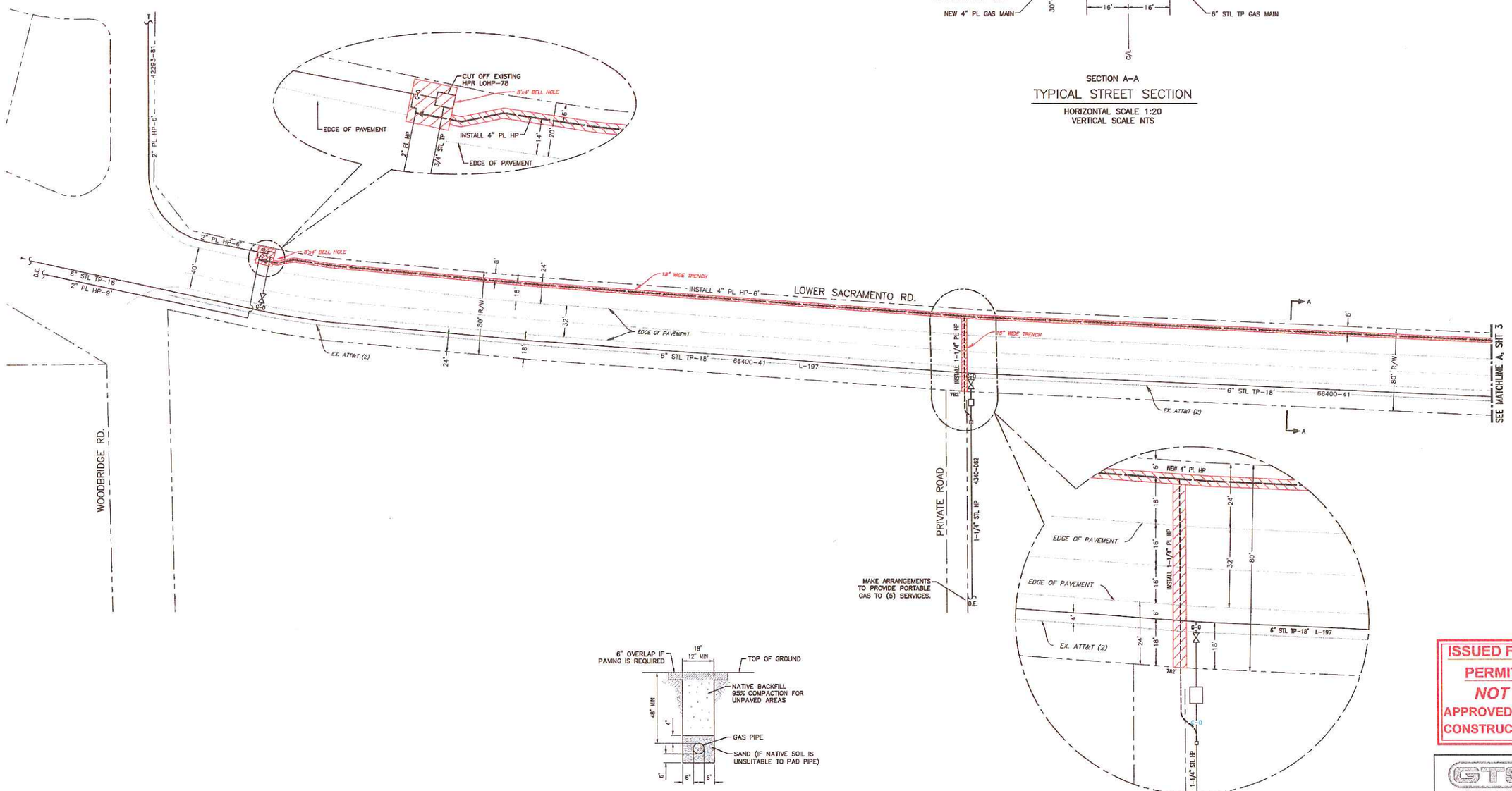
RECONSTRUCT GAS FACILITIES
HPR REPLACEMENT
LOWER SACRAMENTO & WOODBRIDGE
WOODBRIDGE, CA SAN JOAQUIN COUNTY



SECTION A-A

TYPICAL STREET SECTION

HORIZONTAL SCALE 1:20
VERTICAL SCALE NTS



TYPICAL TRENCH SECTION

NOT TO SCALE

ISSUED FOR PERMIT
NOT
APPROVED FOR CONSTRUCTION

GTS
575 Lennon Ln. #250
Walnut Creek, CA (925) 478-8530
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Project No. 13178

CO: N/A
SD: N/A
NOTIF.: 106177032
Other: N/A
SHT.: SHEET 2 OF 3 SHEETS
PM: 30944550
REV. P2

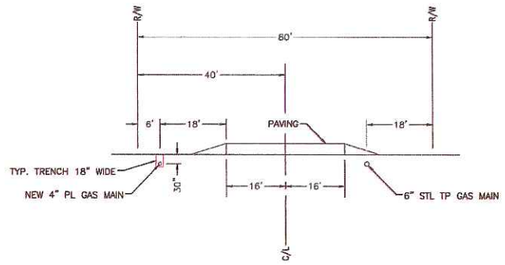
ENGINEERING AND PLANNING DEPT.
6121 BOLLINGER CANYON ROAD
SAN RAMON, CA 94583
PHONE #: FAX #:
PG&E PACIFIC GAS AND ELECTRIC COMPANY

EST.: JOHN CORDOZA
ADE: LARRY LUIS
SUPV: PHIL STORMENT
RCP: KELLE BOBBIT
PLNR: DAVE RYMERS
SCALE: 1:50 DATE: 11/01/13

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
P2	11/01/13	RE-ISSUED FOR PERMIT					
B	08/16/13	ISSUED FOR PERMIT					

REVISIONS

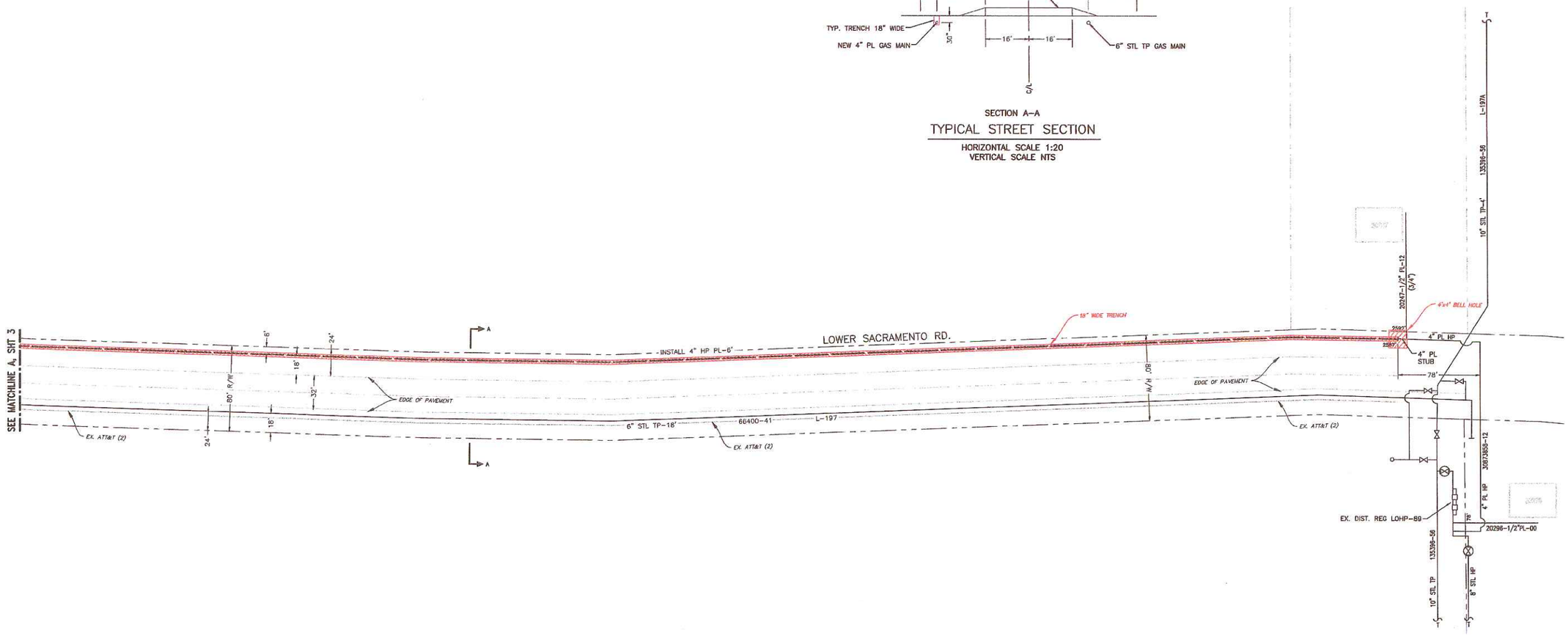
RECONSTRUCT GAS FACILITIES
HPR REPLACEMENT
LOWER SACRAMENTO & WOODBRIDGE
WOODBRIDGE, CA SAN JOAQUIN COUNTY

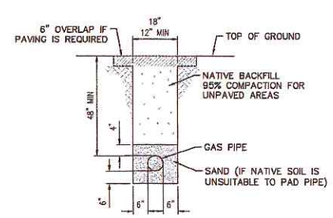


SECTION A–A

TYPICAL STREET SECTION

HORIZONTAL SCALE 1:20
VERTICAL SCALE NTS





TYPICAL TRENCH SECTION

NOT TO SCALE

0 50 100 150

ISSUED FOR PERMIT
NOT
APPROVED FOR CONSTRUCTION

GTS
575 Lennon Ln. #250
Walnut Creek, CA (925) 478-8530
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PG&E PACIFIC GAS AND ELECTRIC COMPANY

CO: N/A
SD: N/A
NOTIF.: 106177032
Other: N/A
SHT.: SHEET 3 OF 3 SHEETS
PM: 30944550
REV. P2

EST.: JOHN CORDOZA
ADE: LARRY LUIS
SUPV: PHIL STORMENT
REP.: KELLE DUBBITT
PLNR: DAVE RYMERS
SCALE: 1:50 DATE: 11/01/13

ORDER #	DWN	CHKD	SUPV	APVD B"

REVISIONS

NO.	DATE	DESCRIPTION
P2	11/01/13	RE-ISSUED FOR PERMIT
B	08/16/13	ISSUED FOR PERMIT

RECONSTRUCT GAS FACILITIES

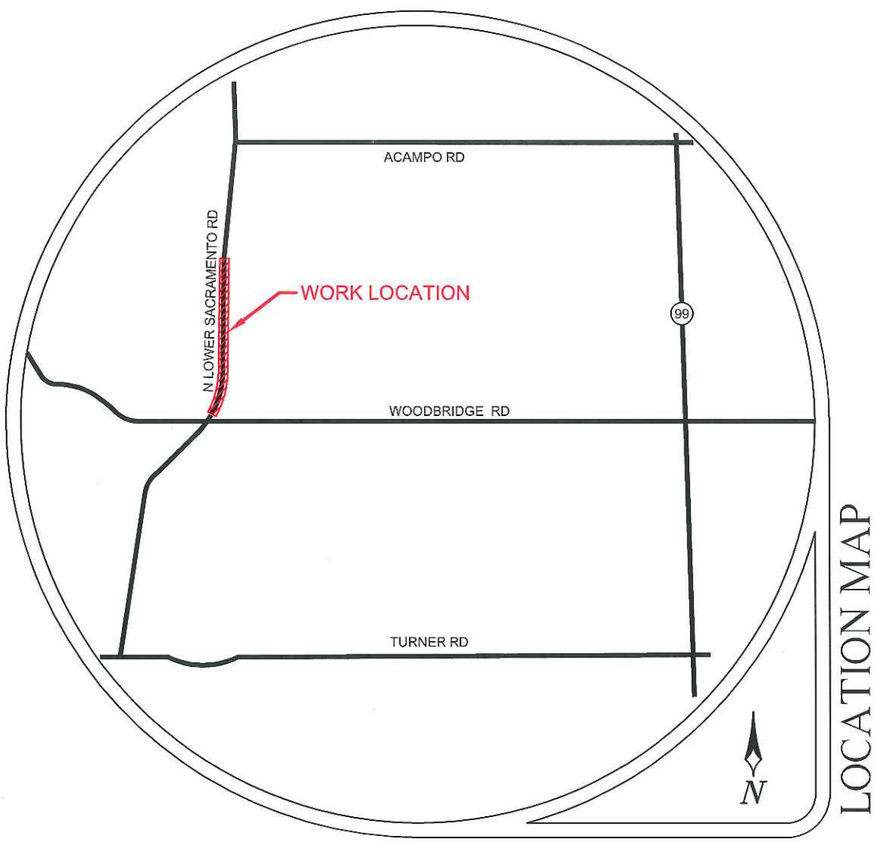
HPR REPLACEMENT
LOWER SACRAMENTO & WOODBRIDGE
WOODBRIDGE, CA SAN JOAQUIN COUNTY

TRAFFIC CONTROL PLANS

LOWER SACRAMENTO RD & WOODBRIDGE RD

WOODBRIDGE, CALIFORNIA

PM30944550



LOCATION MAP

CONTRACTOR

Pacific Gas and Electric Company

CONTACT CHRIS JENNINGS

PHONE# (925) 324-5219

GTS

CONSULTANT

ALMENDARIZ CONSULTING INC

ALMENDARIZ CONSULTING, INC.
1136 SUNCAST LN STE 9
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE
(888) 768-7022 FAX
CA C31 LIC #979806

REVISIONS			
REV.	DESCRIPTION	BY	DATE

PROJECT NO. 13698
DRAWN CAA
DESIGNED JL
CHECKED MAA

DATE
AUGUST 26, 2013

SHEET NO. 1 OF 6

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. SIGN PANEL SIZES: 36"X36" MIN. ON ROADS <50mph, 48"x48" ON ROADS ≥ 50mph.
5. SIGNS ARE SPACED PER THE CA 2012 MUTCD.
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 72 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 85% 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 CA 2012 MUTCD STANDARDS AND ADA REQUIREMENTS.
14. C30 SIGNS ARE PERMITTED IN BUFFER AREAS.
15. SIGN SPACING IS PROVIDED IN THE CA 2012 MUTCD EDITION, PART 6. 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 85% 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 2012" 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 CA 2012 MUTCD EDITION, 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 - MUTCD

Posted Speed	Taper (L) Formula	Buffer Space	Minimum Taper Lengths 10' Offset L Merge	10' Offset 1/2 L Shift	10' Offset 1/3 L Shoulder	11' Offset L Merge	11' Offset 1/2 L Shift	11' Offset 1/3 L Shoulder	12' Offset L Merge	12' Offset 1/2 L Shift	12' Offset 1/3 L Shoulder	Maximum *Cone Spacing @ Taper	@ Tangent	@ Conflict	Sign Spacing
25	$L = \frac{WS^2}{60}$	155'	104'	52'	35'	115'	57'	38'	125'	63'	42'	25'	50'	12'	100' - 200'
30		200'	150'	75'	50'	165'	83'	55'	180'	90'	60'	30'	60'	15'	120' - 240'
35		250'	204'	102'	68'	225'	112'	75'	245'	123'	82'	35'	70'	17'	140' - 280'
40		305'	267'	133'	89'	293'	147'	98'	320'	160'	107'	40'	80'	20'	160' - 320'
45	L = WS	360'	450'	225'	150'	495'	248'	165'	540'	270'	180'	45'	90'	22'	360' - 540'
50		425'	500'	250'	167'	550'	275'	183'	600'	300'	200'	50'	100'	25'	400' - 600'
55		495'	550'	275'	183'	605'	303'	202'	660'	330'	220'	55'	110'	27'	440' - 660'
60		570'	600'	300'	200'	660'	330'	220'	720'	360'	240'	60'	120'	30'	480' - 720'
65		645'	650'	325'	217'	715'	358'	238'	780'	390'	260'	65'	130'	32'	520' - 780'
70		730'	700'	350'	233'	770'	385'	257'	840'	420'	280'	70'	140'	35'	560' - 840'

Both are based on.
1.) 85th % Tile or if not available, then use 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..

CA MUTCD 2012 TABLE 6C-1

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS A	B	C
URBAN (LOW SPEED) - 25 MPH OR LESS	100 FEET	100 FEET	100 FEET
URBAN (LOW SPEED) - MORE THAN 25 MPH TO 40 MPH	250 FEET	250 FEET	250 FEET
URBAN (HIGH SPEED) - MORE THAN 40 MPH	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY / FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

REVISIONS REV.	DESCRIPTION	BY	DATE

PROJECT NO. 13698
DRAWN CAA
DESIGNED JL
CHECKED MAA

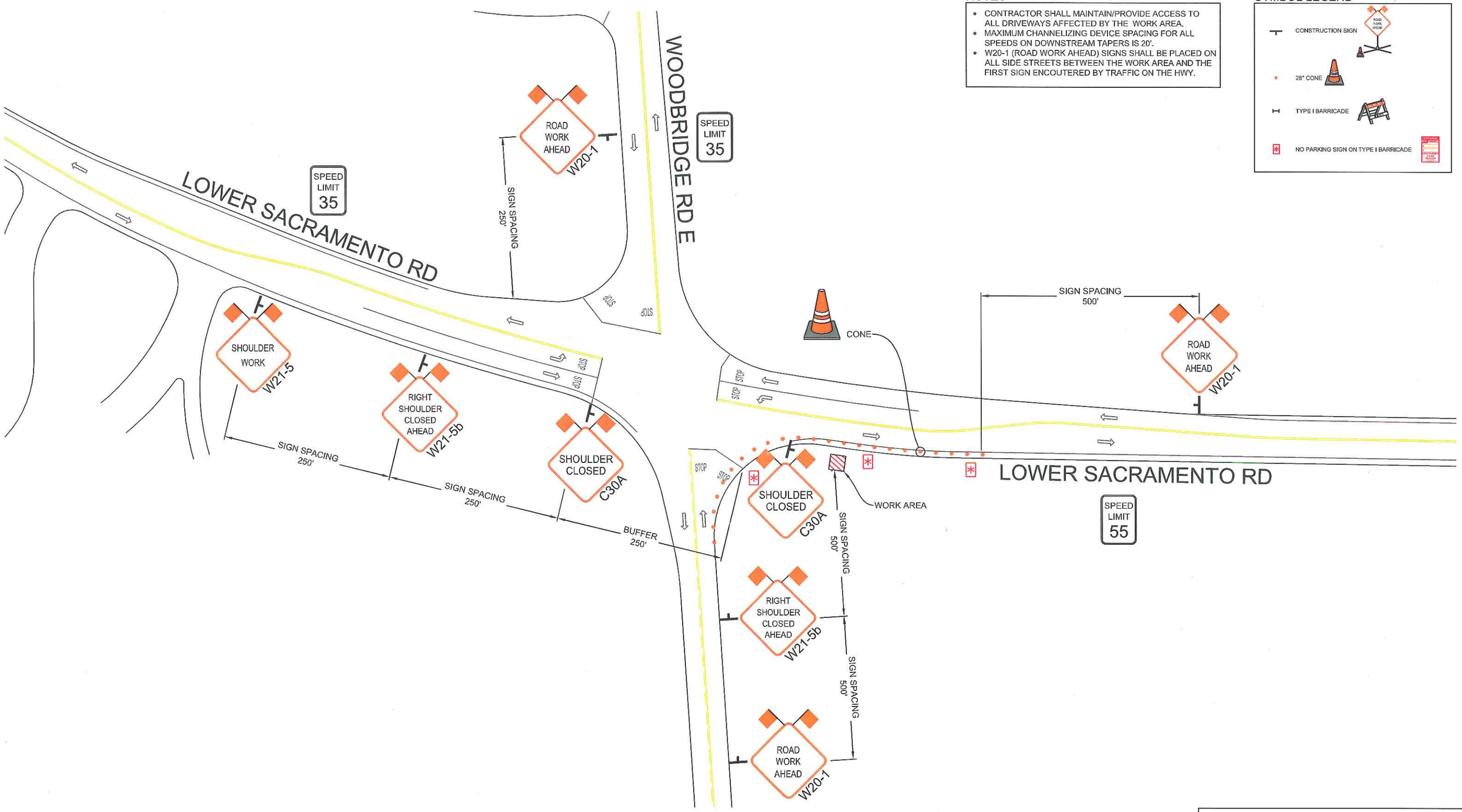
DATE
AUGUST 26, 2013

NOTES

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON DOWNSTREAM TAPERS IS 20'.
- W20-1 (ROAD WORK AHEAD) SIGNS SHALL BE PLACED ON ALL SIDE STREETS BETWEEN THE WORK AREA AND THE FIRST SIGN ENCOUTERED BY TRAFFIC ON THE HWY.

SYMBOL LEGEND

- CONSTRUCTION SIGN
- 28" CONE
- TYPE I BARRICADE
- NO PARKING SIGN ON TYPE I BARRICADE



CONST. HOURS: 8:00AM-3:30PM MON-FRI

REVISIONS			
REV.	DESCRIPTION	BY	DATE

PM30944550

GTS

ROADS < 50 MPH: MINIMUM 36" SIGN PANELS (48" SIGNS MAY BE USED)

ROADS ≥ 50 MPH: MINIMUM 48" SIGN PANELS

ALMENDARIZ CONSULTING INC
1136 SUNCAST LN STE 9
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CA C31 LIC *979806

LOCATION LOWER SACRAMENTO, WOODBRIDGE, CA

Pacific Gas and Electric Company

CONTACT CHRIS JENNINGS
PHONE* (925) 324-5219

PROJECT NO. 13698
DRAWN CAA
DESIGNED JL
CHECKED MAA

DATE
AUGUST 26, 2013

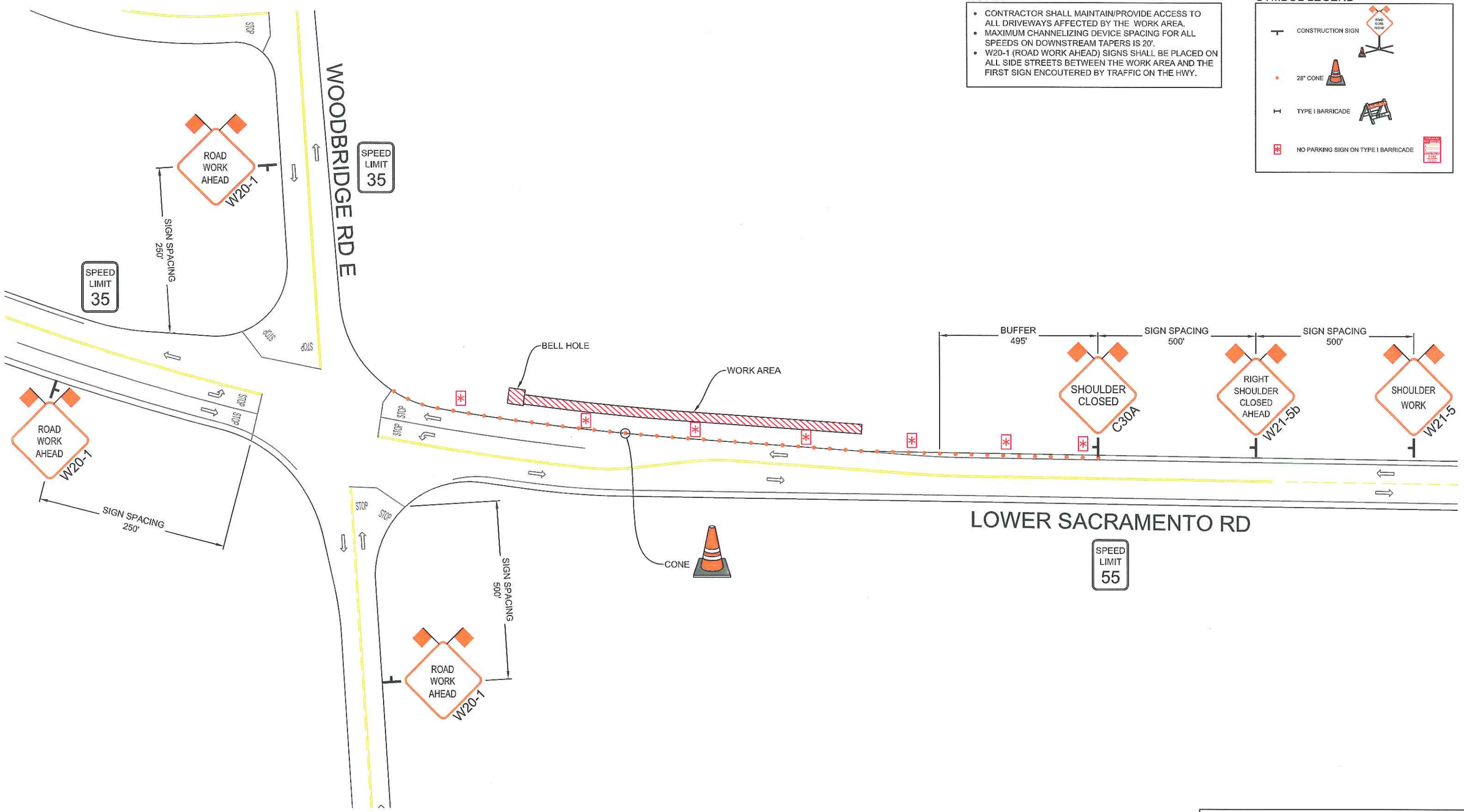
SHEET NO. 4 OF 6

NOTES

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON DOWNSTREAM TAPERS IS 20'.
- W20-1 (ROAD WORK AHEAD) SIGNS SHALL BE PLACED ON ALL SIDE STREETS BETWEEN THE WORK AREA AND THE FIRST SIGN ENCOUTERED BY TRAFFIC ON THE HWY.

SYMBOL LEGEND

- CONSTRUCTION SIGN
- 28" CONE
- TYPE I BARRICADE
- NO PARKING SIGN ON TYPE I BARRICADE



CONST. HOURS: 8:00AM-3:30PM MON-FRI

REVISIONS			
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LOCATION LOWER SACRAMENTO, WOODBRIDGE, CA

Pacific Gas and Electric Company

CONTACT CHRIS JENNINGS
PHONE# (925) 324-5219

PROJECT NO. 13698
DRAWN CAA
DESIGNED JL
CHECKED MAA

DATE
AUGUST 26, 2013

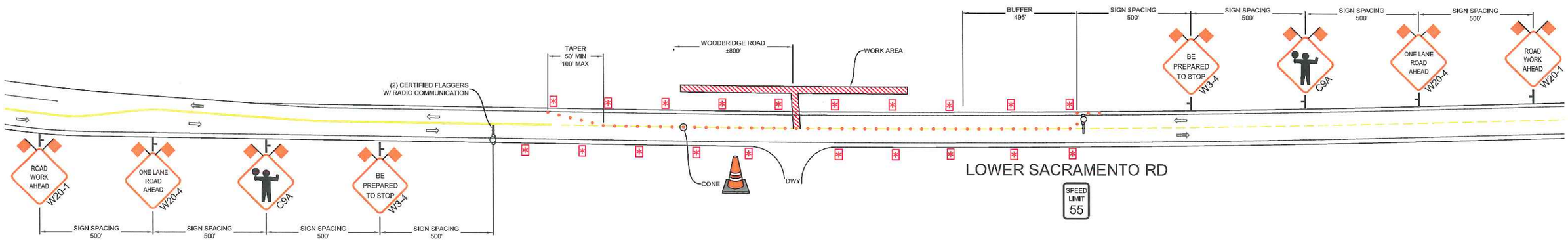
SHEET NO. 3 OF 6

NOTES

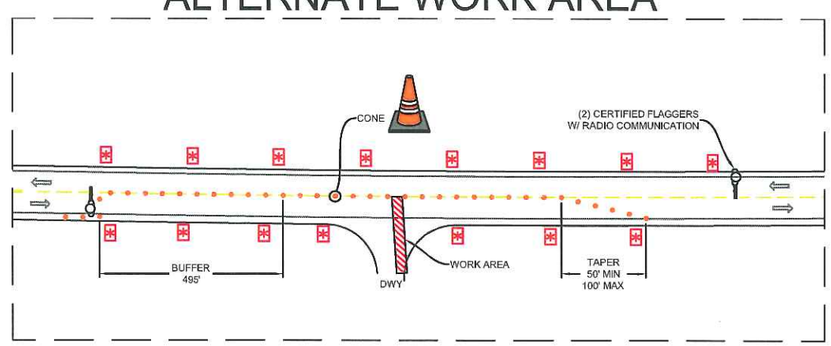
- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON ONE-LANE/TWO-WAY TAPERS IS 20'.
- W20-1 (ROAD WORK AHEAD) SIGNS SHALL BE PLACED ON ALL SIDE STREETS BETWEEN THE WORK AREA AND THE FIRST SIGN ENCOUTERED BY TRAFFIC ON THE HWY.

SYMBOL LEGEND

- CONSTRUCTION SIGN
- FLAGGER
- 28" CONE
- TYPE I BARRICADE
- NO PARKING SIGN ON TYPE I BARRICADE



ALTERNATE WORK AREA



CONST. HOURS: 8:00AM-3:30PM MON-FRI

REVISIONS			
REV.	DESCRIPTION	BY	DATE

PM30944550

GTS

ROADS < 50 MPH: MINIMUM 36" SIGN PANELS (48" SIGNS MAY BE USED)

ROADS ≥ 50 MPH: MINIMUM 48" SIGN PANELS

ALMENDARIZ CONSULTING INC
1136 SUNCAST LN STE 9
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX
CA C31 LIC #979806

LOCATION LOWER SACRAMENTO, WOODBRIDGE, CA

Pacific Gas and Electric Company

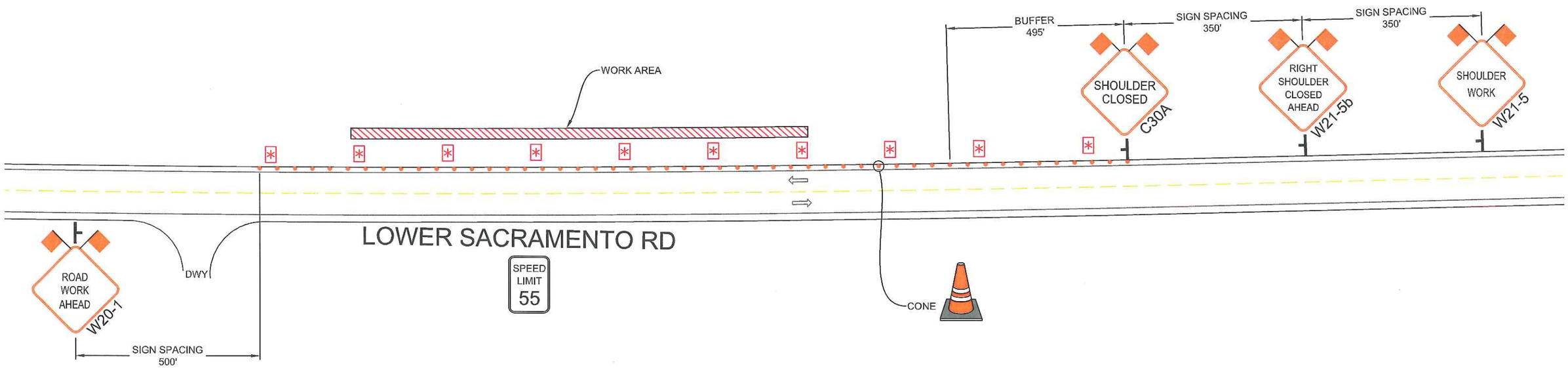
CONTACT CHRIS JENNINGS
PHONE# (925) 324-5219

PROJECT NO. 13698
DRAWN CAA
DESIGNED JL
CHECKED MAA

DATE
AUGUST 26, 2013

SHEET NO. 5 OF 6

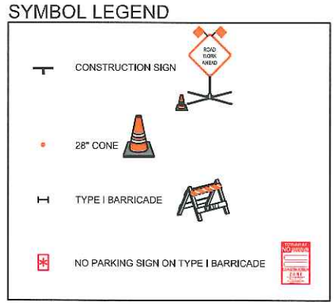
TYPICAL SHOULDER CLOSURE



NOTES

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON DOWNSTREAM TAPERS IS 20'.
- W20-1 (ROAD WORK AHEAD) SIGNS SHALL BE PLACED ON ALL SIDE STREETS BETWEEN THE WORK AREA AND THE FIRST SIGN ENCOUTERED BY TRAFFIC ON THE HWY.

SYMBOL LEGEND



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