COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1401250**
Date Issued: 05/05/2014
Exp. Date: 07/01/2014
Project No: PWP730052
Quad: SE

UE/CR/PM NO:PM31032930

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - FRESNO
P.O. BOX 3031
FRESNO, CA 93720

Encroachment Type:

Bore (over 12 inch Dia)			

Location:
W/S HENRY RD. 100' N/O CARTER RD. ENDING SOUTH 3740'

In compliance with your request of **05/05/2014**, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD

FORMS:

SS/WW, R-29		

Est. Permit Fee: $3,765.00

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permitee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:
   STREETS AND HIGHWAYS CODE
   1. Division 1, Chapter 3
   2. Division 2, Chapter 2, Section 942
   3. Division 2, Chapter 4, Section 1126
   4. Division 2, Chapter 5.5 and Chapter 6

   SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.

3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.

4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.

5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.

6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.

7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.

8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.

9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.

10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.

11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.

12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.

13. The Permittee is responsible for the preservation of survey monuments within the work herein permitted. If any are disturbed, the Permittee is required to tie out each location and re-establish them after completion of work, using a licensed land surveyor. A corner record must be filed in accordance with state law for any re-set monuments.

14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

CALL FOR PICK UP WHEN PERMIT IS READY
(209) 401-5911

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 4/21/2014

To: San Joaquin County
Department of Public Works

PG&E (Jaime Pantoja-Martinez)
(Applicant Name)

9575 Victor Road
(Mailing Address)

Victor Ca 95253
(City, State, Zip Code)

209 942 1641
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB # PWP-7300525 REF #
APN CR #
EXP. DATE 7-1-2014
VALID 5-5-2014 TO 7-1-2014
STREET Henry
AREA Escalon QUAD SE
TYPE Bores xx See Plans
FORMS SD/WW, R29
NOTES

DRIVEWAYS:
*
*
*

Sketch (Detailed plans may be submitted)

SEE ATTACHED REF PM # 31032930
PHASE 2

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the WEST side of HENRY Road approximately 3740 feet/mile of Existing OH Primary, by performing the following work (description of work): Reconductor Existing OH Primary (3740') & Replace Existing Regulator Bank.

Work will commence on or about 5/1/2014 for approximately 30 days.

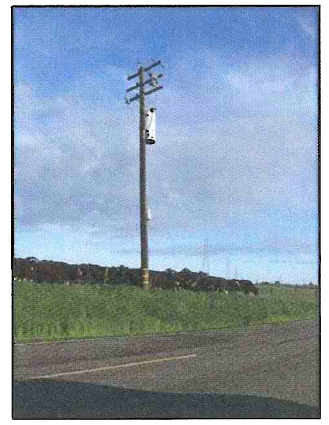
I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

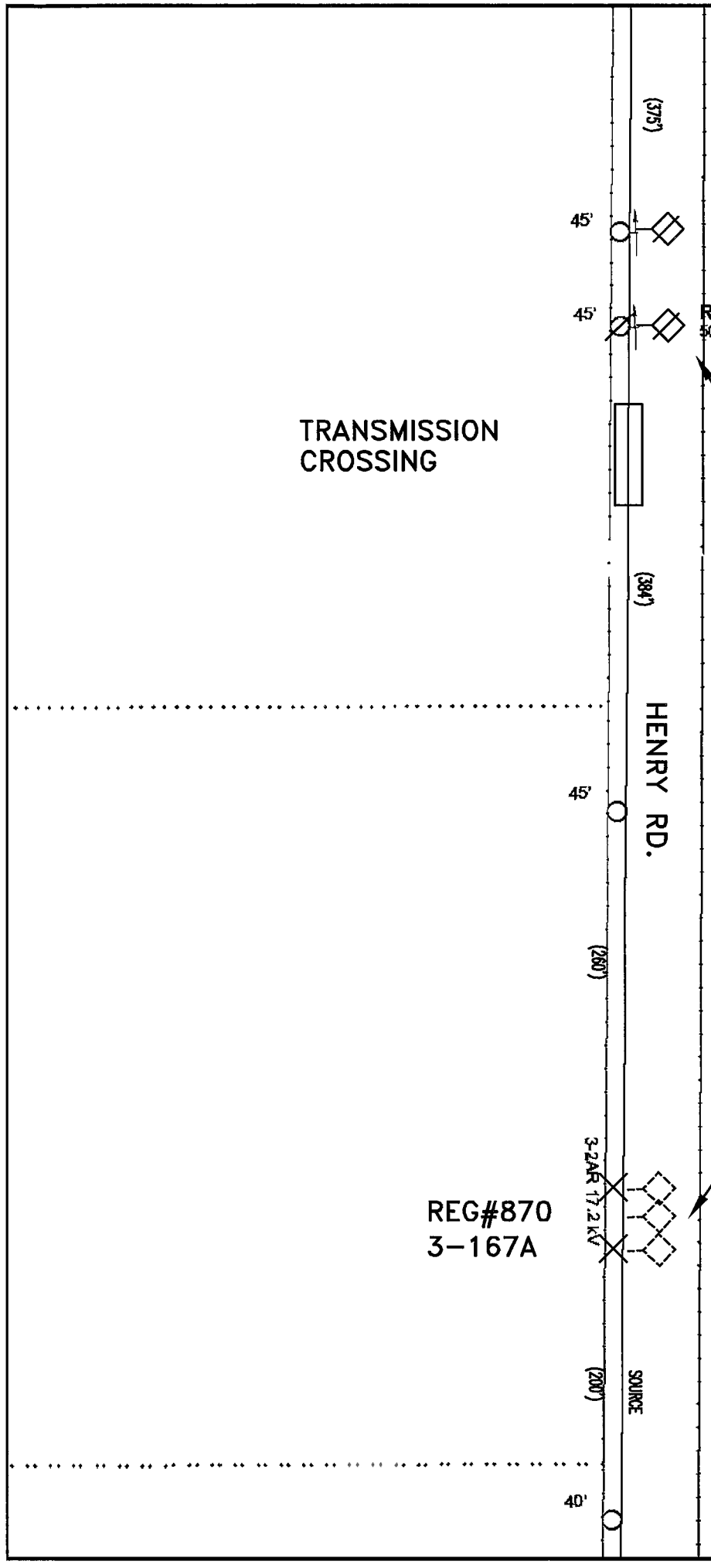
Sr Electric Estimator (PG&E) 4/21/2014
Signature of Applicant - Title Date

LOC-1 THIS SHEET

LEGEND

- ○ EXISTING POLE SIZE AS NOTED
- × NEW POLE SIZE AS NOTED
- NEW REGULATOR BANK SIZE AS NOTED
- EXISTING REGULATOR BANK SIZE AS NOTED





1

INTERSET 2 50' CL=3 POLES
INSTALL 3-167A 14' PLATFORM REG. BANK
REMOVE 45' POLE & REFRAME EXISTING POLE
REMOVE 2-50A REGULATOR BANK
REG#870

N

RIVERBANK 1711
17KV
MAP# W19 & X-19
ESTIMATOR: LLOYD BRYANT (707) 577-1023
ADE: RUSS SMITH (707) 577-7119
SUPERVISOR: BRAD CHANCE (707) 577-7018
PLANNER: RAUL BARRON (209) 470-6149
PROJECT MANAGER: JAIMIE PANTOJA-MARTINEZ (209) 942-1641
NON CORROSIVE
LIGHT LOADING
C INSULATION
INTENT#PG140031NX

CO:
SD:
NOTIF.: 106831846
OTHER:
SHT: 1 OF 4 SHEETS
PM: 31032930
REV. 0

RIVERBANK 1711 RECONDUCTOR
PHASE 2
MODESTO

PACIFIC GAS AND ELECTRIC COMPANY

EST: LLOYD BRYANT
ADE: RUSS SMITH
SUPV:
REP: Jaime Pantoja-Martinez(JIPE)
PLNR:
SCALE: 1"=100'
DATE: 4/16/2014

MATCH LINE A SH3

MATCH LINE A SH2

7 INTERSET 50' CL=2 POLE FRAME TANGENT RAPTOR (DWG#061149 FIG#1)

NOTE: POLE IS 17.05' FROM EDGE OF PAVEMENT

40/55' CL=3 FRAME TANGENT RAPTOR (DWG#061149 FIG#1) 6

NOTE: SET 55' POLE DUE TO ELIVATION CHANGE

NOTE: POLE IS 17.94' FROM EDGE OF PAVEMENT

LOC-2-7 THIS SHEET
1081' OF 3-715A INSTALLED THIS SHEET
1081' OF 3-2ACSR REMOVED THIS SHEET

HENRY ROAD

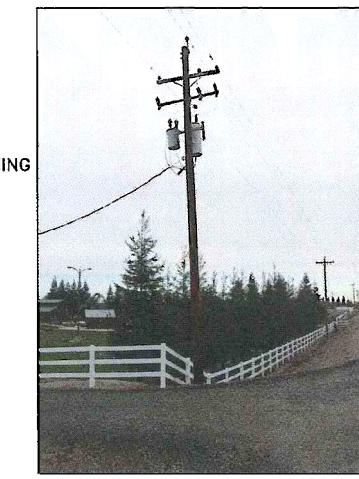
:9823:

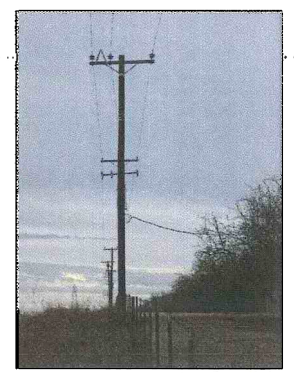
1-350A & 3-1000A

25KVA 1ø Tx
75KVA 3ø Tx
7195-0203

5 REMOV/INSTALL POST FRAMING
REMOVE/INSTALL TIES
REPLACE Tx PRI BUSSING
STRAIGHTEN & KEY

NOTE: POLE IS 18.34' FROM EDGE OF PAVEMENT





REMOVE 40' CL=5 4

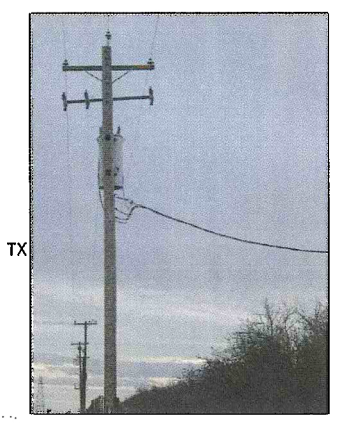
NOTE: POLE IS 17.59' FROM EDGE OF PAVEMENT

3

COORDINATE #
318719550125
LOADING DISTRICT
SUMMER
TX SIZE – 150
KVA 1ø –
KVA 3ø – 111
% L.F. –

40/50' CL=2
SET 8' DEEP
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1)
150/150KVA 3ø 277/480V TX 3

NOTE: POLE IS 18.84' FROM EDGE OF PAVEMENT



START OF PHASE 2

END OF PHASE 1 ON PM#30983060

PHASE 2

PHASE 1

NOTE: 50' CL=3 POLE SET ON PHASE 1

REMOVE 2ACSR DE'S
INSTALL 715A DE'S
REMOVE 20M PISA L=20'=18913
REMOVE 1-3/8" PRI DG=6555
REMOVE 2-3/8" PRI DG=12358 2

NOTE: POLE IS 16.48' FROM EDGE OF PAVEMENT

3-2AR 17.2 kV

LEGEND

- EXISTING POLE SIZE AS NOTED
- NEW POLE SIZE AS NOTED
- NEW REGULATOR BANK SIZE AS NOTED
- EXISTING REGULATOR BANK SIZE AS NOTED
- NEW TRANSFORMER SIZE AS NOTED
- EXISTING TRANSFORMER SIZE AS NOTED
- EXISTING 3ø OH PRI CONDUCTOR SIZE AS NOTED
- NEW 715A 3ø OH PRI CONDUCTOR
- EXISTING 1ø OH PRI CONDUCTOR SIZE AS NOTED

RIVERBANK 1711
17KV
MAP# W19 & X-19
ESTIMATOR: LLOYD BRYANT (707) 577-1023
ADE: RUSS SMITH (707) 577-7119
SUPERVISOR: BRAD CHANCE (707) 577-7018
PLANNER: RAUL BARRON (209) 470-6149
PROJECT MANAGER: JAIMIE PANTOJA-MARTINEZ (209) 942-1641
NON CORROSIVE
LIGHT LOADING
C INSULATION
INTENT#PG140031NX

CO:
SD:
NOTIF: 10683946
Other:
SHT: 2 OF 4
SHEETS
PM: 31032930
REV. 0

ENGINEERING AND PLANNING DEPT.
111 STONY CIRCLE
SANTA ROSA CA
PHONE #:
FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

EST: LLOYD BRYANT
ADE: RUSS SMITH
SUPV: BRAD CHANCE
REP: Jaime Pantoja-Martinez(JTPE)
PLNR:
SCALE: 1"=100'
DATE: 3/27/2014

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
		REVISIONS					

PHASE 2
RIVERBANK 1711 RECONDUCTOR
MODESTO

MATCH LINE A SH4

MATCH LINE A SH3

RIVERBANK 1711
17KV
MAP# W19 & X-19
ESTIMATOR: LLOYD BRYANT (707) 577-1023
ADE: RUSS SMITH (707) 577-7119
SUPERVISOR: BRAD CHANCE (707) 577-7018
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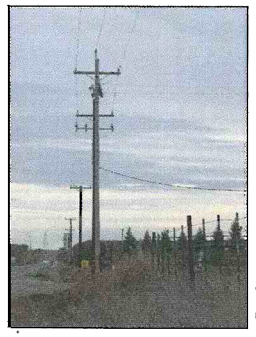
PROJECT MANAGER: JAIMIE PANTOJA-MARTINEZ (209) 942-1641
NON CORROSIVE
LIGHT LOADING
C INSULATION
INTENT#PG140031NX

NOTE: POLE IS 17.03 FROM EDGE OF PAVEMENT

(16) INTERSET 50' CL=3 POLE FRAME TANGENT RAPTOR (DWG#061149 FIG#1)

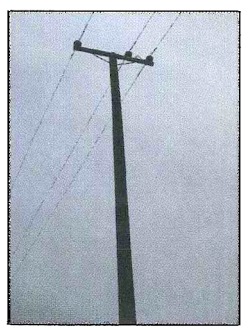


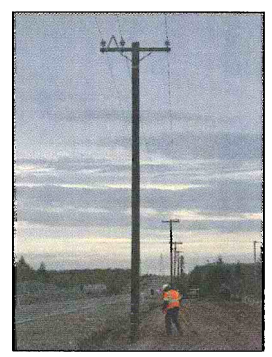
NOTE: POLE IS 16.92' FROM EDGE OF PAVEMENT

(14) REMOVE/INSTALL POST INSULATOR FRAMING
REMOVE/INSTALL TIES
REPLACE PRI JUMPERS

NOTE: POLE IS 16.94' FROM EDGE OF PAVEMENT

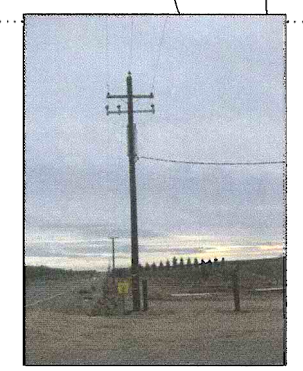
REMOVE 40' CL=4 (12)





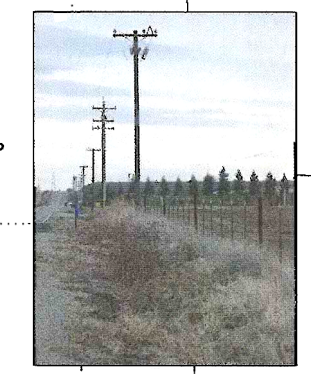
(13) REMOVE/INSTALL TIES
REPLACE Tx PRI BUSSING

NOTE: POLE IS 17.05' FROM EDGE OF PAVEMENT



NOTE: POLE IS 17.05' FROM EDGE OF PAVEMENT

(15) 40/50' CL=4 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1)
3-2ACSR SLACK SPAN TAP
(9'COMPOSITE ARM)
REPLACE LINE FUSES
10T/10T
C/O#26758

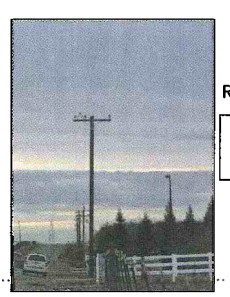


(11) INTERSET 50' CL=3 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1)

NOTE: POLE IS 17.05' FROM EDGE OF PAVEMENT

(10) 45/50' CL=3 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1)

NOTE: POLE IS 16.84' FROM EDGE OF PAVEMENT



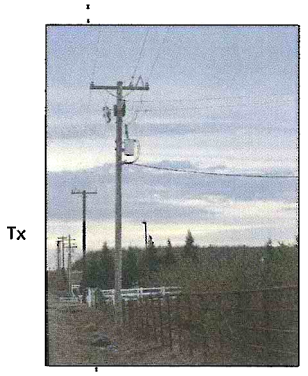
(8) REMOVE 40' CL=5

NOTE: POLE IS 16.94' FROM EDGE OF PAVEMENT

(9) COORDINATE #
318719950280
LOADING DISTRICT
summer
TX SIZE – 25
KVA 1ø – 25
KVA 3ø –
% L.F. – 39

NOTE: POLE IS 16.37' FROM EDGE OF PAVEMENT

(9) 40/50' CL=3
SET IN PLACE
DUE TO PG RISER
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1)
2-4ACSR SLACK SPAN TAP
(9'COMPOSITE ARM)
REPLACE LINE FUSES
10T/10T
C/O#26756
FUSE TAPED ON ROAD SIDE &
CENTER PHASE
REPLACE 25/25KVA 1ø 120/240V Tx
Tx IS IN BUCK POSITION
UNDER SLACK SPAN TAP
INSTALL 2-PT#75H C/O'S
FUSE 3FT FOR TRANSFORMER
REPLACE 2" SVC RISER
SPLICE IN WIRE UNDER MOULDING



LOC-8-16 THIS SHEET
1503' OF 3-715A INSTALLED THIS SHEET
1503' OF 3-2ACSR REMOVED THIS SHEET

MATCH LINE A SH3

MATCH LINE A SH2

LEGEND

- EXISTING POLE SIZE AS NOTED
- NEW POLE SIZE AS NOTED
- NEW REGULATOR BANK SIZE AS NOTED
- EXISTING REGULATOR BANK SIZE AS NOTED
- NEW TRANSFORMER SIZE AS NOTED
- EXISTING TRANSFORMER SIZE AS NOTED
- EXISTING 3ø OH PRI CONDUCTOR SIZE AS NOTED
- NEW 715A 3ø OH PRI CONDUCTOR
- EXISTING 1ø OH PRI CONDUCTOR SIZE AS NOTED

ENGINEERING AND PLANNING DEPT.
111 STONY CIRCLE
SANTA ROSA CA
PHONE #: FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

CO: SD: NOTIF.: 106831846 Other: SHT.: 3 OF 4 SHEETS PM: 31032930 REV. 0

EST: LLOYD BRYANT
ADE: RUSS SMITH
SUPV: BRAD CHANCE
REP: Jaime Pantoja-Martinez(JTPE)
PLNR:
SCALE: 1"=100' DATE: 3/27/2014

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY

REVISIONS

PHASE 2
RIVERBANK 1711 RECONDUCTOR
MODESTO

LOC-17-23 THIS SHEET
1156' OF 3-715A INSTALLED THIS SHEET
1156' OF 3-2ACSR REMOVED THIS SHEET

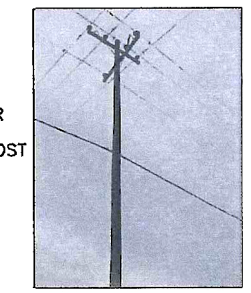
(23) INSTALL 3740' OF 3-715A 17KV OH PRI
REMOVE 3740' OF 3-2ACSR 17KV OH PRI

NOTE: POLE 16.7'
FROM EDGE OF PAVEMENT

INTERSET 50' CL=3 POLE
FRAME DDE RAPTOR
(DWG#061149 FIG#2)
WITH 2ACSR DE OFF BACK
INSTALL 25M PISA L=20' (FOR DE)
INSTALL 1-3/8" PRI DG=6661(UPPER)
INSTALL 2-3/8" PRI DG=12144(LOWER) (22)

GUY WIRE IS IN LINE
WITH POLE AT LOCATION 22
WHICH IS AT LEAST
16.7' FROM EDGE OF
PAVEMENT

NOTE: POLE 7.66'
FROM EDGE OF PAVEMENT



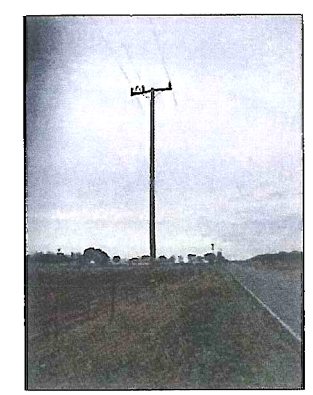
45/55 CL=1 JP#1
FRAME TANGENT RAPTOR
3-4ACSR ON TOP
FRAME 715 TANGENT POST
ON 9' CROSSARM
(DWG#061149 FIG#1) (21)
PG=48-20 OU=22-4
PG TO TRANSFER
OU CABLE

CARTER RD.

HENRY RD.

NOTE: POLE 15.44'
FROM EDGE OF PAVEMENT

INTERSET 50' CL=3 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1) (20)

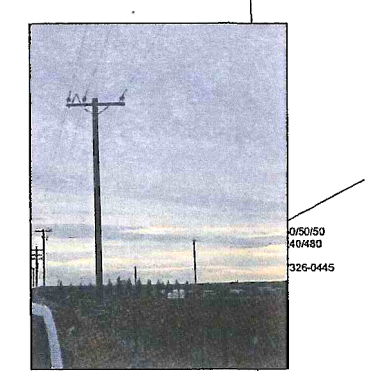


(19) 45/50' CL=3 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1)

NOTE: POLE IS 16.17'
FROM EDGE OF PAVEMENT

NOTE: POLE 16.7'
FROM EDGE OF PAVEMENT

INTERSET 50' CL=2 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1) (18)



NOTE: POLE IS 17.04'
FROM EDGE OF PAVEMENT

(17) REMOVE 40' CL=4

MATCH LINE A SH4
MATCH LINE A SH3

NOTE: POLE IS 17.03
FROM EDGE OF PAVEMENT

INTERSET 50' CL=3 POLE
FRAME TANGENT RAPTOR
(DWG#061149 FIG#1) (16)

LEGEND

- EXISTING POLE SIZE AS NOTED
- NEW POLE SIZE AS NOTED
- NEW REGULATOR BANK SIZE AS NOTED
- EXISTING REGULATOR BANK SIZE AS NOTED
- NEW TRANSFORMER SIZE AS NOTED
- EXISTING TRANSFORMER SIZE AS NOTED
- EXISTING 3ø OH PRI CONDUCTOR SIZE AS NOTED
- NEW 715A 3ø OH PRI CONDUCTOR
- EXISTING 1ø OH PRI CONDUCTOR SIZE AS NOTED

RIVERBANK 1711
17KV
MAP# W19 & X-19
ESTIMATOR: LLOYD BRYANT (707) 577-1023
ADE: RUSS SMITH (707) 577-7119
SUPERVISOR: BRAD CHANCE (707) 577-7018
PLANNER: RAUL BARRON (209) 470-6149
PROJECT MANAGER: JAIMIE PANTOJA-MARTINEZ (209) 942-1641
NON CORROSIVE
LIGHT LOADING
C INSULATION
INTENT#PG140031NX

ENGINEERING AND PLANNING DEPT.
111 STONY CIRCLE
SANTA ROSA CA
PHONE #: FAX #:
PACIFIC GAS AND ELECTRIC COMPANY

CO:
SD:
NOTIF.: 106931846
Other:
SHT: 4 OF 4 SHEETS
PM: 31032930
REV. 0

EST: LLOYD BRYANT
ADE: RUSS SMITH
SUPV: BRAD CHANCE
REP: Jaime Pantoja-Martinez(JTPE)
PLNR:
SCALE: 1"=100'
DATE: 3/27/2014

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
		REVISIONS					

PHASE 2
RIVERBANK 1711 RECONDUCTOR
MODESTO

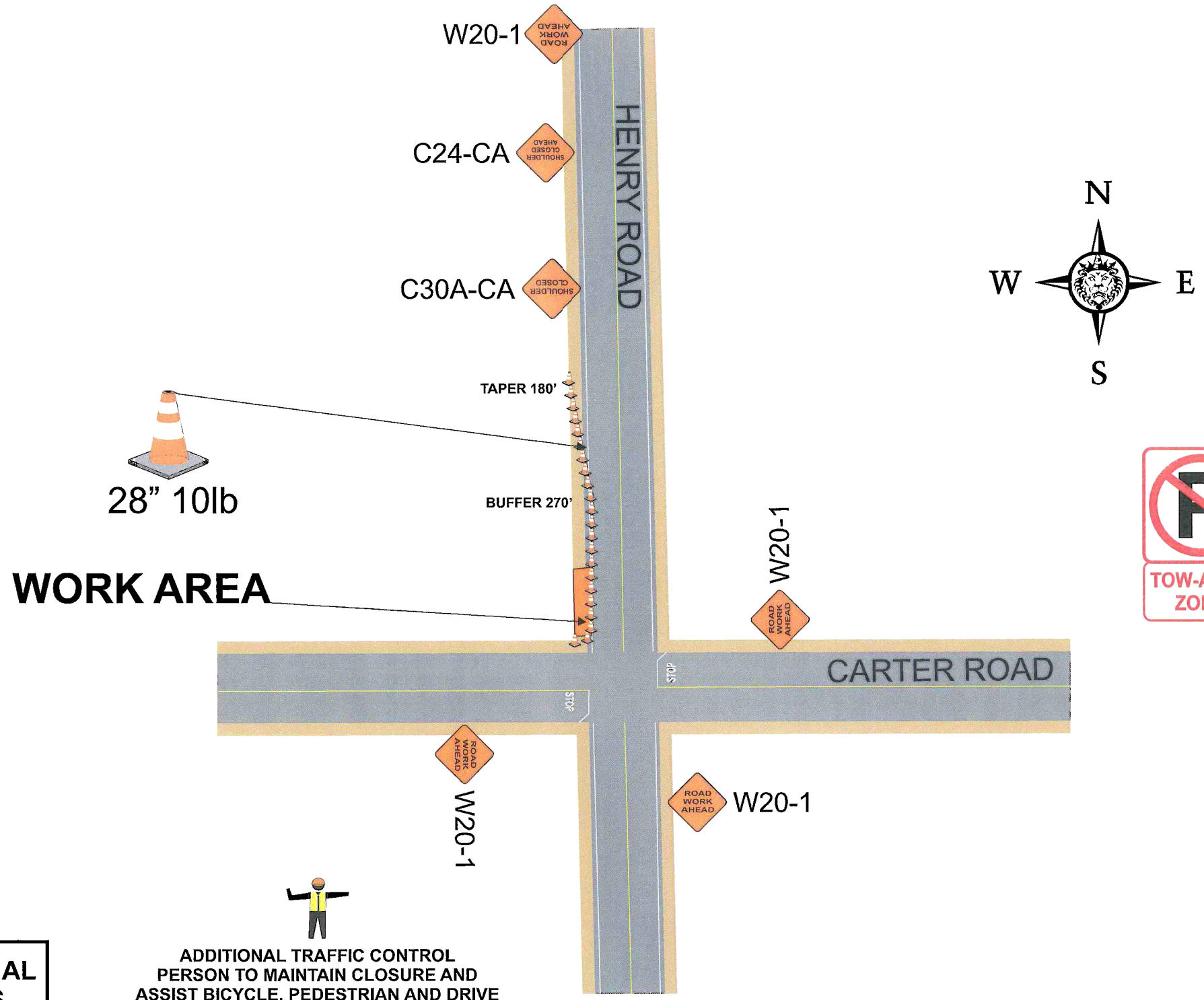
SIGNS BEING USED

- SHOULDER CLOSED — 48X48" C30A-CA
- SHOULDER WORK AHEAD — 48X48" C24-CA
- ROAD WORK AHEAD — 48X48" W20-1

C17(CA)

ROAD WORK
35
MPH

Placed at each W20-1



ADDITIONAL TRAFFIC CONTROL PERSON TO MAINTAIN CLOSURE AND ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

TOW-AWAY ZONE

R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351

SEE SPEC SHEET 2 FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES

WORK SHALL NOT EXCEED 12HRS

MIN 12' CLEARANCE FOR TRAFFIC

TRAFFIC CONTROL ZONES — MAX CONE SPACING

SPEED	TAPER	BUFFER	SIGN SPACING	TAPER	TANGENT
25	125'	60'	**100'**	25	50
30	180'	90'		30	60
35	245'	120'	**250'**	35	70
40	320'	160'		40	80
45	540'	270'	**350'**	45	90

ELEC

LOC 21&22

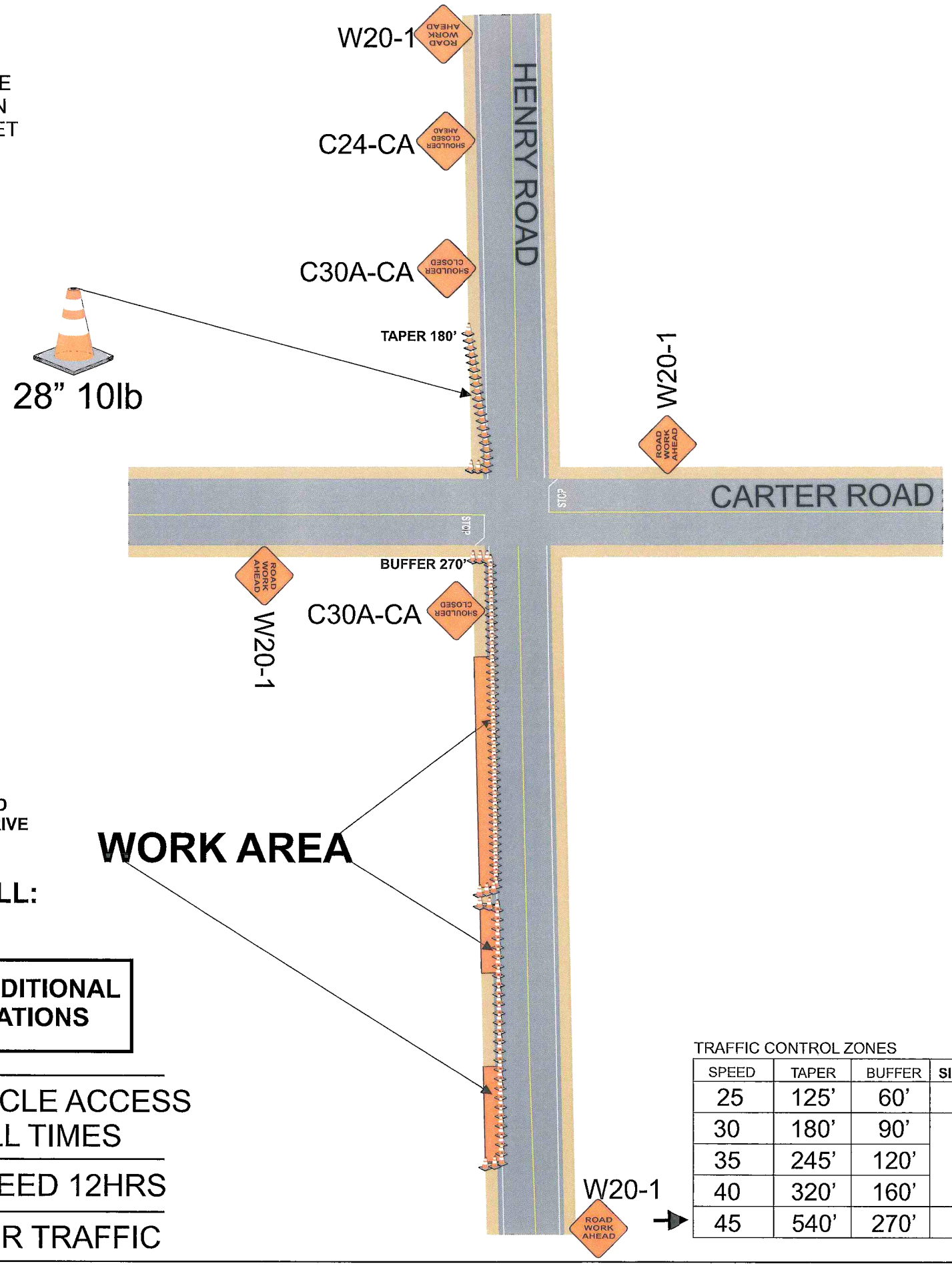
NOT TO SCALE

PM 31032930

Owner	COUNTY OF SAN JOAQUIN
Project Location	Henry Rd @ Carter Rd
Project City	Modesto, CA
Prime Contractor	PG&E
Traffic Control Contractor	ED SAFETY INC
Phone	209-333-0807
Sheet Number	PS-1
Date	4/17/2014
Prepared By	ED SAFETY SERVICES, INC

HOURS OF WORK SHALL BE DETERMINED BY THE COUNTY OF SAN JOAQUIN

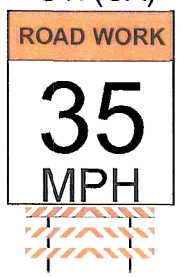
R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK



SIGNS BEING USED

- SHOULDER CLOSED — 48X48" C30A-CA
- SHOULDER WORK AHEAD — 48X48" C24-CA
- ROAD WORK AHEAD — 48X48" W20-1

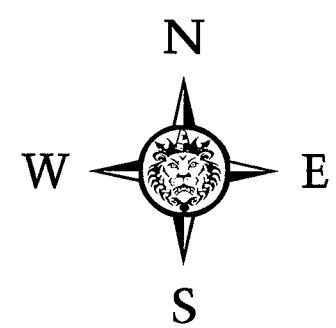
C17(CA)



Placed at each W20-1

ADDITIONAL TRAFFIC CONTROL PERSON TO MAINTAIN CLOSURE AND ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

WORK AREA



FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351

SEE SPEC SHEET 2 FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES

WORK SHALL NOT EXCEED 12HRS

MIN 12' CLEARANCE FOR TRAFFIC

W20-1 →

TRAFFIC CONTROL ZONES / MAX CONE SPACING

SPEED	TAPER	BUFFER	SIGN SPACING	TAPER	TANGENT
25	125'	60'	**100'**	25	50
30	180'	90'		30	60
35	245'	120'	**250'**	35	70
40	320'	160'		40	80
45	540'	270'	**350'**	45	90

ELEC

LOC 8-20

NOT TO SCALE

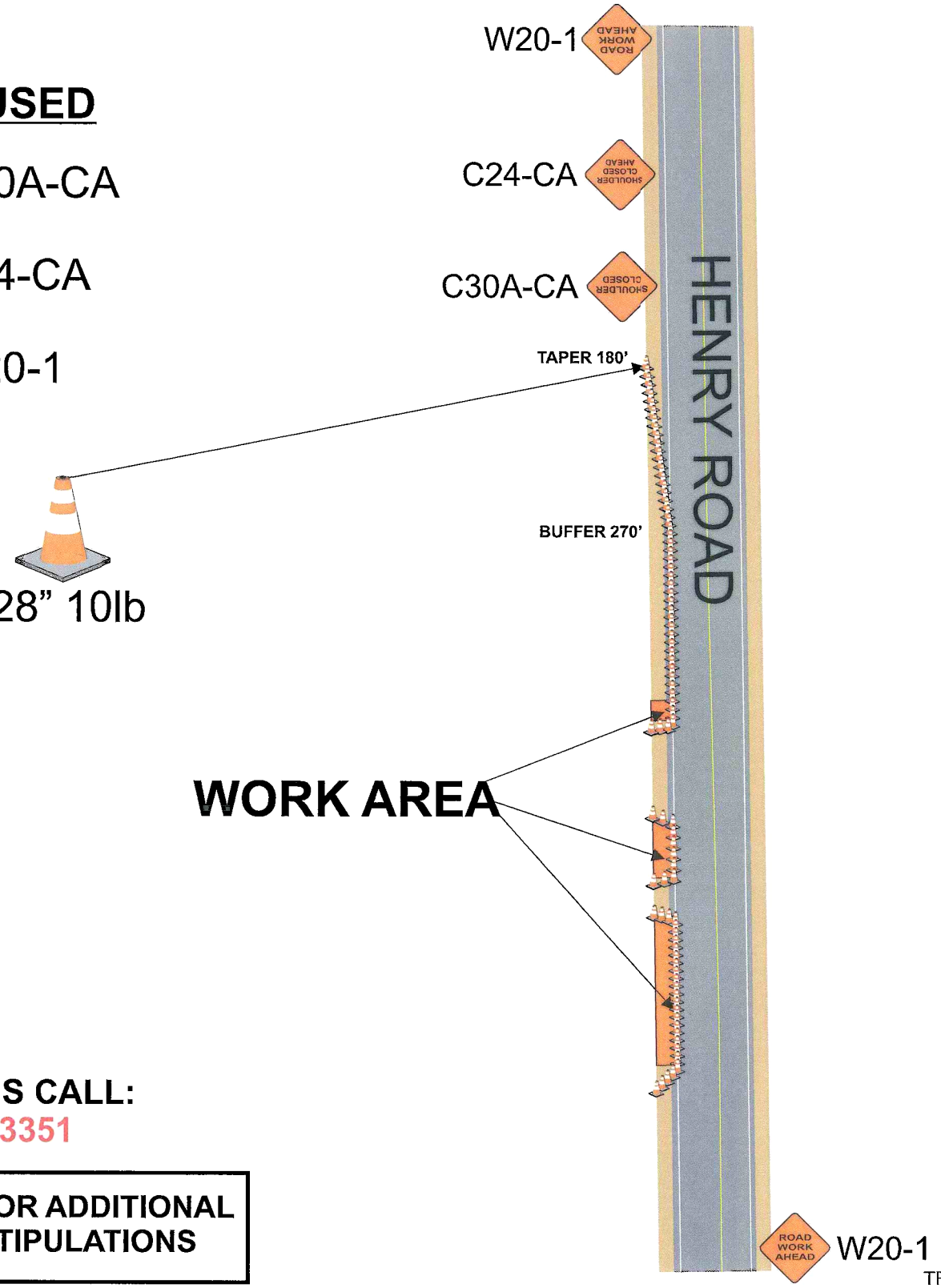
PM 31032930

Owner	**SAN JOAQUIN COUNTY**
Project Location: Henry Road @ Carter Rd	Project City: Modesto, CA
Prime Contractor: *PG&E*	Traffic Control Contractor: **ED SAFETY INC**
Phone: 209-333-0807	Sheet Number: **PS-2** / Date: 4/17/2014
Prepared By	**ED SAFETY SERVICES, INC**

HOURS OF WORK SHALL BE DETERMINED BY THE COUNTY OF SAN JOAQUIN

SIGNS BEING USED

- SHOULDER CLOSED — 48X48" C30A-CA
- SHOULDER WORK AHEAD — 48X48" C24-CA
- ROAD WORK AHEAD — 48X48" W20-1



C17(CA)

ROAD WORK

35 MPH

Placed at each W20-1

FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351

SEE SPEC SHEET 2 FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES

WORK SHALL NOT EXCEED 12HRS

MIN 12' CLEARANCE FOR TRAFFIC

TOW-AWAY ZONE

R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK

ADDITIONAL TRAFFIC CONTROL PERSON TO MAINTAIN CLOSURE AND ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

TRAFFIC CONTROL ZONES — MAX CONE SPACING

SPEED	TAPER	BUFFER	SIGN SPACING	TAPER	TANGENT
25	125'	60'	**100'**	25	50
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35	245'	120'		35	70
40	320'	160'		40	80
45	540'	270'	**350'**	45	90

N W E S

ELEC

LOC 2-7

NOT TO SCALE

PM 31032930

Owner: **COUNTY OF SAN JOAQUIN**		
Project Location: Henry Rd @ Carter Rd		Project City: Modesto, CA
Prime Contractor: *PG&E*		Traffic Control Contractor: **ED SAFETY INC**
Phone: 209-333-0807	Sheet Number: **PS-3**	Date: 4/17/2014
Prepared By: **ED SAFETY SERVICES, INC**		

HOURS OF WORK SHALL BE DETERMINED BY THE COUNTY OF SAN JOAQUIN

SIGNS BEING USED

- SHOULDER CLOSED — 48X48" C30A-CA
- SHOULDER WORK AHEAD — 48X48" C24-CA
- ROAD WORK AHEAD — 48X48" W20-1

C17(CA)

ROAD WORK

25 MPH

Placed at each W20-1

ADDITIONAL TRAFFIC CONTROL PERSON TO MAINTAIN CLOSURE AND ASSIST BICYCLE, PEDESTRIAN AND DRIVE WAY TRAFFIC SHOULD NEED ARISE

TAPER 180'

BUFFER 270'

28" 10lb

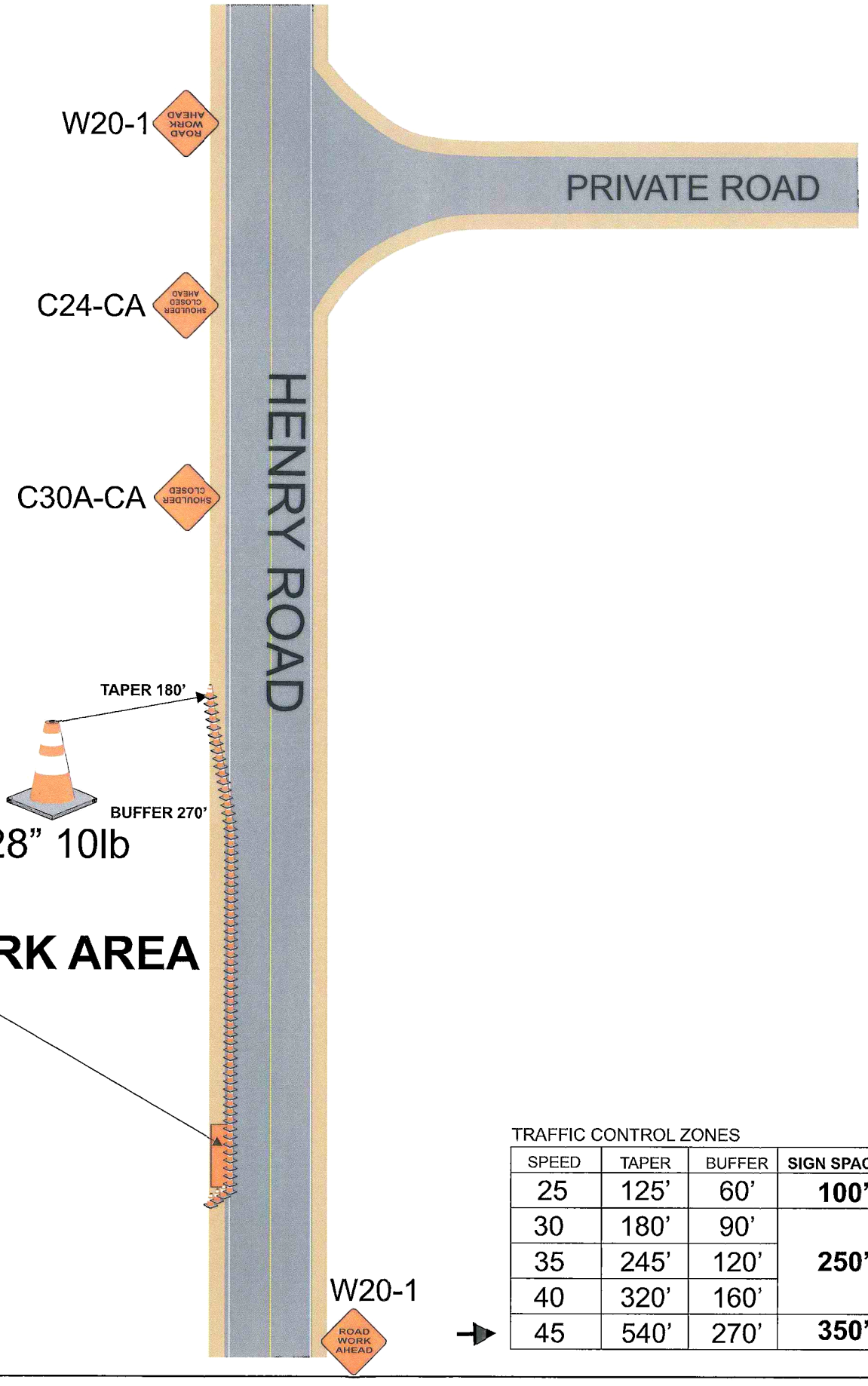
FOR TCP QUESTIONS CALL:
ROBERT @ 209-200-3351

SEE SPEC SHEET 2 FOR ADDITIONAL TRAFFIC CONTROL STIPULATIONS

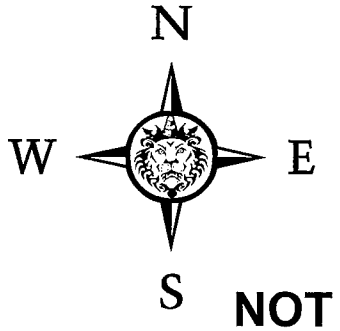
PEDESTRIAN AND BICYCLE ACCESS TO REMAIN OPEN AT ALL TIMES

WORK SHALL NOT EXCEED 12HRS

MIN 12' CLEARANCE FOR TRAFFIC



R30 24X24" BARRICADE MOUNTED, PLACED ON BOTH SIDES OF STREET 20' APART 72HR PRIOR TO START OF WORK



ELEC

NOT TO SCALE

PM 31032930

TRAFFIC CONTROL ZONES / MAX CONE SPACING

SPEED	TAPER	BUFFER	SIGN SPACING	TAPER	TANGENT
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35	245'	120'	**250'**	35	70
40	320'	160'		40	80
45	540'	270'	**350'**	45	90

Owner: **COUNTY OF SAN JOAQUIN**		
Project Location: S Henry Road		Project City: Modesto, CA
Prime Contractor: ***PG&E***		Traffic Control Contractor: **ED SAFETY INC**
Phone: 209-333-0807	Sheet Number: **PS-4**	Date: 4/17/2014
Prepared By: **ED SAFETY SERVICES, INC**		

HOURS OF WORK SHALL BE DETERMINED BY COUNTY OF SAN JOAQUIN

CLOSURE STIPULATIONS AND SPECIFICATIONS THAT MUST BE FOLLOWED AT ALL TIMES

CLOSURE AND EFFECT ON APPROXIMATELY 8 PARKING PLACES FOR LESS THAN 8 HOURS

All lane closures shall meet or exceed MUTCD specifications as well as conform to hours of work set forth by the County. All areas of work when encroaching upon sidewalk access OR pedestrian safety shall have a MUTCD standard sidewalk closure detour detail in place to ensure pedestrian and public safety.
Pedestrian access or detour will be maintained at all times in the event sidewalks must be closed, all paths of travel shall be similar to one that is closed.
Pedestrian traffic shall at all times have a minimum 4 feet wide area of travel.
All open excavation areas shall be backfilled or trench plated prior to public usage.
All closures set forth in this TCP are the minimum allowed on project, field conditions may change requiring further traffic safety devices or traffic control persons to ensure safety of traveling public, pedestrians as well as work forces.
All changes to ensure safety will be made immediately to ensure a safe environment for all parties.
All traffic control devices, vehicles and personnel must be suited for the purpose intended as well as meet or exceed all MUTCD specifications as well as County specifications.
ED Safety Inc shall be onsite from start to finish of work to ensure all traffic devices and closures meet or exceed MUTCD specifications & above requirements are met.
All devices shall be removed when no longer required.
All flaggers shall be certified and all intersections shall be flagged when required as shown on plans.
If work is done at night or encroaches on the hours of darkness all road work ahead signs shall have flashing a beacon, light towers will be used for flaggers and work areas and all other MUTCD requirements shall be met or exceeded as well.
NOT TO SCALE----SPACING OF SIGNS, TAPER AND TANGENTS WILL BE SPACED AS PER TABLE HAS SET FORTH AS GOVERNED BY TRAVEL SPEEDS.
All traffic devices shall meet or exceed MUTCD. All signs shall be high intensity night time reflective, 48"x48" roll up signs.
All signs shall have a minimum of 2, 18" day time flags attached to sign stands during day time hours and if applicable flashing 12", 12v beacons for night time work.
Sign stands shall be MUTCD compliant as well allowing for 18" to 7' height for signs as well as spring equipped for windy conditions.
Pavement delineation not exactly as appears in field but traffic plan will still work as shown. All cones shall be 28" 10 lb and shall not be placed further than 40' apart.
All hours of work shall be dictated by the Counties specified lane closure charts or as directed by the County inspector.
Vehicle path of travel shall never be less than 12' in width. Closures and excavation not to exceed what forces expect to excavate per the daily shift.
Roadway shall not be opened until safe for public use. All open trenches must be plated or backfilled prior to public usage.
All areas of excavation must have a valid USA dig tag with corresponding dig ticket number, proof must be carried with the excavating forces at all times.