

**SOLANO COMMUNITY COLLEGE DISTRICT
GOVERNING BOARD AGENDA ITEM**

TO: Members of the Governing Board

**SUBJECT: TRAFFIC SIGNAL EQUIPMENT EASEMENT AND
PUBLIC SIDEWALK EASEMENT FOR CITY OF
VACAVILLE FOR VACAVILLE CENTER INTERSECTION
IMPROVEMENTS PROJECT**

REQUESTED ACTION:

- Information **OR** Approval
 Consent **OR** Non-Consent

SUMMARY:

On January 18, 2017 the Board approved contract amendment #1 to Omni Means to prepare legal descriptions and plot plans for three public improvement service easements to The City of Vacaville to provide for City access to service their vehicle sensor equipment in portions of Vacaville Center and Annex driveways, and to maintain sidewalk ramps at the Annex driveway.

CONTINUED ON THE NEXT PAGE

STUDENT SUCCESS IMPACT:

- Help our students achieve their educational, professional and personal goals
 Basic skills education
 Workforce development and training
 Transfer-level education
 Other: Enhance safety for students, faculty and staff

<i>Ed. Code:</i>	<i>Board Policy: 3225; 3520</i>	<i>Estimated Fiscal Impact: None</i>
SUPERINTENDENT'S RECOMMENDATION:	<input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> DISAPPROVAL <input type="checkbox"/> TABLE
<hr/>		
Lucky Lofton Executive Bonds Manager		
<hr/>		
PRESENTER'S NAME		
4000 Suisun Valley Road Fairfield, CA 94534		
<hr/>		
ADDRESS		
(707) 863-7855		
<hr/>		
TELEPHONE NUMBER		
Yulian Ligioso Finance & Administration		
<hr/>		
VICE PRESIDENT APPROVAL		
March 3, 2017		
<hr/>		
DATE SUBMITTED TO SUPERINTENDENT-PRESIDENT		
<hr/>		
Dr. Celia Esposito-Noy Superintendent-President		
<hr/>		
DATE APPROVED BY SUPERINTENDENT-PRESIDENT		
March 3, 2017		
<hr/>		

**SOLANO COMMUNITY COLLEGE DISTRICT
GOVERNING BOARD AGENDA ITEM**

TO: Members of the Governing Board

**SUBJECT: TRAFFIC SIGNAL EQUIPMENT EASEMENT AND
PUBLIC SIDEWALK EASEMENT FOR CITY OF
VACAVILLE FOR VACAVILLE CENTER INTERSECTION
IMPROVEMENTS PROJECT**

SUMMARY:

CONTINUED FROM THE PREVIOUS PAGE

These legal descriptions and plot plans have been prepared. Board approval is requested for approval of three public service easements to the City of Vacaville per attached legal descriptions and plot maps prepared by District's consultant Omni Means and its professional land surveyor.

The Board is asked to approve the attached three traffic signal equipment and public sidewalk easements to the City of Vacaville.

The easement legal descriptions and plot maps are available online at:
<http://www.solano.edu/measureq/planning.php>.

Exhibit "A"
Traffic Signal Equipment Easement

That portion of Lot 1A as shown and delineated on that certain map entitled "Tract map for Mission Land and Development Company", recorded May 8, 1998, in Book 68 of Maps at Page 40, Solano County Records, lying in the City of Vacaville, County of Solano, State of California, described as follows:

COMMENCING at the southerly terminus of that certain course number "L31" of said map, said point being the beginning of a curve concave to the southwest, having a radius of 676.00 feet and radial bearing North70°45'33"East, said point also being on the easterly right of way line of North Village Parkway; thence along said easterly right of way, 281.75 feet along said curve, through a central angle of 23°52'48" to the **POINT OF BEGINNING**; thence leaving said easterly right of way, South82°09'47"East 31.33 feet; thence South7°50'13"West 24.00 feet; thence North82°09'47"West 30.42 feet to a point on the easterly right of way of North Village Parkway, said point being the beginning of a non-tangent curve, having a radius of 676.00 feet and a radial bearing South83°19'30"East; thence northeasterly along said right of way, 24.02 feet along said curve, through a central angle of 2°02'09" to the **POINT OF BEGINNING**.

Said description contains 739.4 square feet, more or less.

The Basis of Bearings of this Survey is the California Coordinate System, Zone 2, North American Datum of 1983 (NAD83), (Epoch 1991.35), as determined locally by a line between City of Vacaville G.P.S. Control Stations "B04II" and "C02III" being North36°22'35"East as derived from geodetic values published in that certain Record of Survey titled "City of Vacaville Record of Survey G.P.S. Control Network" filed for record January 15, 1997 in Book 22 of Surveys at Page 10, Solano County Records.

All distances and areas shown herein are "ground" distances. To obtain "grid" distances divide "ground" distances by the Combined Factor of 0.999987381.

 2-21-17

John C. Wunschel III PLS 8937 Date



EXHIBIT "B"

PORTION OF LOT 1A
68 S.D. 40

N70°45'33"E
(R)

P.O.C.
SOUTHERLY TERMINUS
OF COURSE "L31" (68 S.D. 40)

LEGEND

- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING
- (R) RADIAL BEARING
- o DIMENSION POINT
-  EASEMENT AREA: 739.4 SQ.FT.



NORTH VILLAGE PKWY

R=676.00' Δ=23°52'48" L=281.75'

**SOLANO COMMUNITY
COLLEGE DISTRICT
APN 0133-180-150
LOT 1A
68 S.D. 40**

MCKEVITT AVE

P.O.B. S82°09'47"E 31.33'
R=676.00' Δ=2°02'09" L=24.02'
S83°19'30"E (R) S7°50'13"W 24.00'
N82°09'47"W 30.42'

AKERLY DRIVE



VACAVILLE CENTER INTERSECTION IMPROVEMENTS 1 OF 1
TRAFFIC SIGNAL EQUIPEMENT EASEMENT

Exhibit "A"
Traffic Signal Equipment Easement

That portion of Parcel "B" as described in the Grant Deed to Solano Community College District, recorded on July 15, 2014, in Document No. 201400052224, Solano County Official Records, lying in the City of Vacaville, County of Solano, State of California, described as follows:

COMMENCING at the southerly terminus of that certain course number "L63" as shown and delineated on that certain map entitled "Tract map for Mission Land and Development Company", recorded May 8, 1998, in Book 68 of Maps at Page 40, Solano County Records, said point being the beginning of a curve concave to the southwest, having a radius of 546.00 feet and radial bearing North70°45'33"East, said point also being on the westerly right of way line of North Village Parkway; thence along said westerly right of way, 234.85 feet along said curve, through a central angle of 24°38'42" to the **POINT OF BEGINNING**, said point being the beginning of a curve to the right having a radius of 546.00 feet; thence continuing along said westerly right of way, 53.84 feet along said curve, through a central angle of 5°39'00"; thence leaving said westerly right of way along the following five (5) courses:

- 1) North45°05'15"West 20.00 feet;
- 2) North7°05'00"East 7.54 feet;
- 3) North82°55'00"West 46.33 feet;
- 4) North7°05'00"East 34.00 feet;
- 5) South82°55'00"East 63.20 feet to the **POINT OF BEGINNING**.

Said description contains 2,381.0 square feet, more or less.

The Basis of Bearings of this Survey is the California Coordinate System, Zone 2, North American Datum of 1983 (NAD83), (Epoch 1991.35), as determined locally by a line between City of Vacaville G.P.S. Control Stations "B04II" and "C02III" being North36°22'35"East as derived from geodetic values published in that certain Record of Survey titled "City of Vacaville Record of Survey G.P.S. Control Network" filed for record January 15, 1997 in Book 22 of Surveys at Page 10, Solano County Records.

All distances and areas shown herein are "ground" distances. To obtain "grid" distances divide "ground" distances by the Combined Factor of 0.999987381.

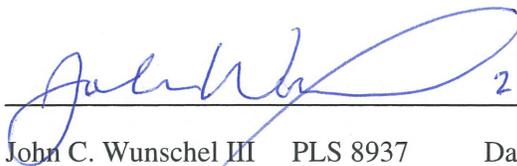

John C. Wunschel III PLS 8937 Date 2-21-17



EXHIBIT "B"

PORTION OF PARCEL "B"
PER DOC. 201400052224 O.R.

APN 133-190-540
LOT 'D'
89 S.D. 19

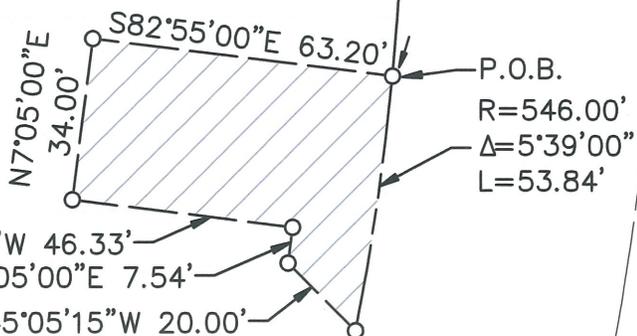
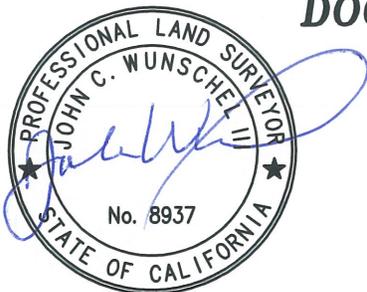
N70°45'33"E (R)
P.O.C.
SOUTHERLY TERMINUS
OF COURSE "L63"
(68 S.D. 40)



NORTH VILLAGE PKWY

R=546.00' Δ=24°38'42" L=234.85'

**SOLANO COMMUNITY
COLLEGE DISTRICT
APN 133-190-520
PARCEL B
DOC. 201400052224**



LEGEND

- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING
- (R) RADIAL BEARING
- o DIMENSION POINT
-  EASEMENT AREA: 2,381.0 SQ.FT.

Exhibit "A"
Public Sidewalk Easement

That portion of Parcel "B" as described in the Grant Deed to Solano Community College District, recorded on July 15, 2014, in Document No. 201400052224, Solano County Official Records, lying in the City of Vacaville, County of Solano, State of California, described as follows:

COMMENCING at the southerly terminus of that certain course number "L63" as shown and delineated on that certain map entitled "Tract map for Mission Land and Development Company", recorded May 8, 1998, in Book 68 of Maps at Page 40, Solano County Records, said point being the beginning of a curve concave to the southwest, having a radius of 546.00 feet and radial bearing North70°45'33"East, said point also being on the westerly right of way line of North Village Parkway; thence along said westerly right of way, 187.27 feet along said curve, through a central angle of 19°39'05" to the **POINT OF BEGINNING**, said point being the beginning of a curve to the right having a radius of 546.00 feet; thence continuing along said westerly right of way, 101.43 feet along said curve, through a central angle of 10°38'36"; thence leaving said westerly right of way along the following six (6) courses:

- 1) North45°05'15"West 20.00 feet;
- 2) North30°34'44"East 12.57 feet;
- 3) North6°13'37"East 44.58 feet;
- 4) North18°13'26"West 13.61 feet;
- 5) North57°28'46"East 15.04 feet;
- 6) North23°43'45"East 11.48 feet to the **POINT OF BEGINNING**.

Said description contains 1,114.6 square feet, more or less.

The Basis of Bearings of this Survey is the California Coordinate System, Zone 2, North American Datum of 1983 (NAD83), (Epoch 1991.35), as determined locally by a line between City of Vacaville G.P.S. Control Stations "B04II" and "C02III" being North36°22'35"East as derived from geodetic values published in that certain Record of Survey titled "City of Vacaville Record of Survey G.P.S. Control Network" filed for record January 15, 1997 in Book 22 of Surveys at Page 10, Solano County Records.

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John C. Wunschel III PLS 8937 Date



EXHIBIT "B"

PORTION OF PARCEL "B"
PER DOC. 201400052224 O.R.

APN 133-190-540
LOT 'D'
89 S.D. 19

N70°45'33"E (R)
P.O.C.
SOUTHERLY TERMINUS
OF COURSE "L63"
(68 S.D. 40)

**SOLANO COMMUNITY
COLLEGE DISTRICT
APN 133-190-520
PARCEL B
DOC. 201400052224**

NORTH VILLAGE PKWY



N23°43'45"E 11.48'
N57°28'46"E 15.04'
N18°13'26"W 13.61'
N6°13'37"E 44.58'
N30°34'44"E 12.57'
N45°05'15"W 20.00'

P.O.B.

R=546.00' Δ=19°39'05" L=187.27'
R=546.00' Δ=10°38'36" L=101.43'

LEGEND

- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING
- (R) RADIAL BEARING
- DIMENSION POINT
-  EASEMENT AREA: 1,114.6 SQ.FT.

**VACAVILLE CENTER INTERSECTION IMPROVEMENTS
PUBLIC SIDEWALK EASEMENT**

1 OF 1

PROJECT NOTES (THIS SHEET ONLY):

- 1 CONSTRUCT ACCESSIBLE RAMP PER CITY STD DWG NO. 3-15C
- 2 CONSTRUCT MEDIAN CURB AND COBBLE STONE MEDIAN TREATMENT. MATCH EXISTING COBBLE STONE MEDIAN TREATMENT.
- 3 INSTALL PEDESTRIAN BARRICADE PER CITY STD DWG NO. 3-17.
- 4 POTHOLE TO VERIFY EXACT LOCATION OF EXISTING UNDERGROUND PG&E ELECTRICAL LINE. IF THERE IS A CONFLICT WITH THE PROPOSED STORM DRAIN LINE, COORDINATE WITH UTILITY COMPANY TO MOVE THEIR LINES AND/OR WITH THE CITY TO MOVE THE STORM DRAIN LINE, AS NEEDED. CONTACT PG&E 72 HOURS PRIOR TO POTHOLES NEAR THEIR FACILITIES SO THEY CAN BE ON-SITE.

PROPOSED PUBLIC SIDEWALK EASEMENT

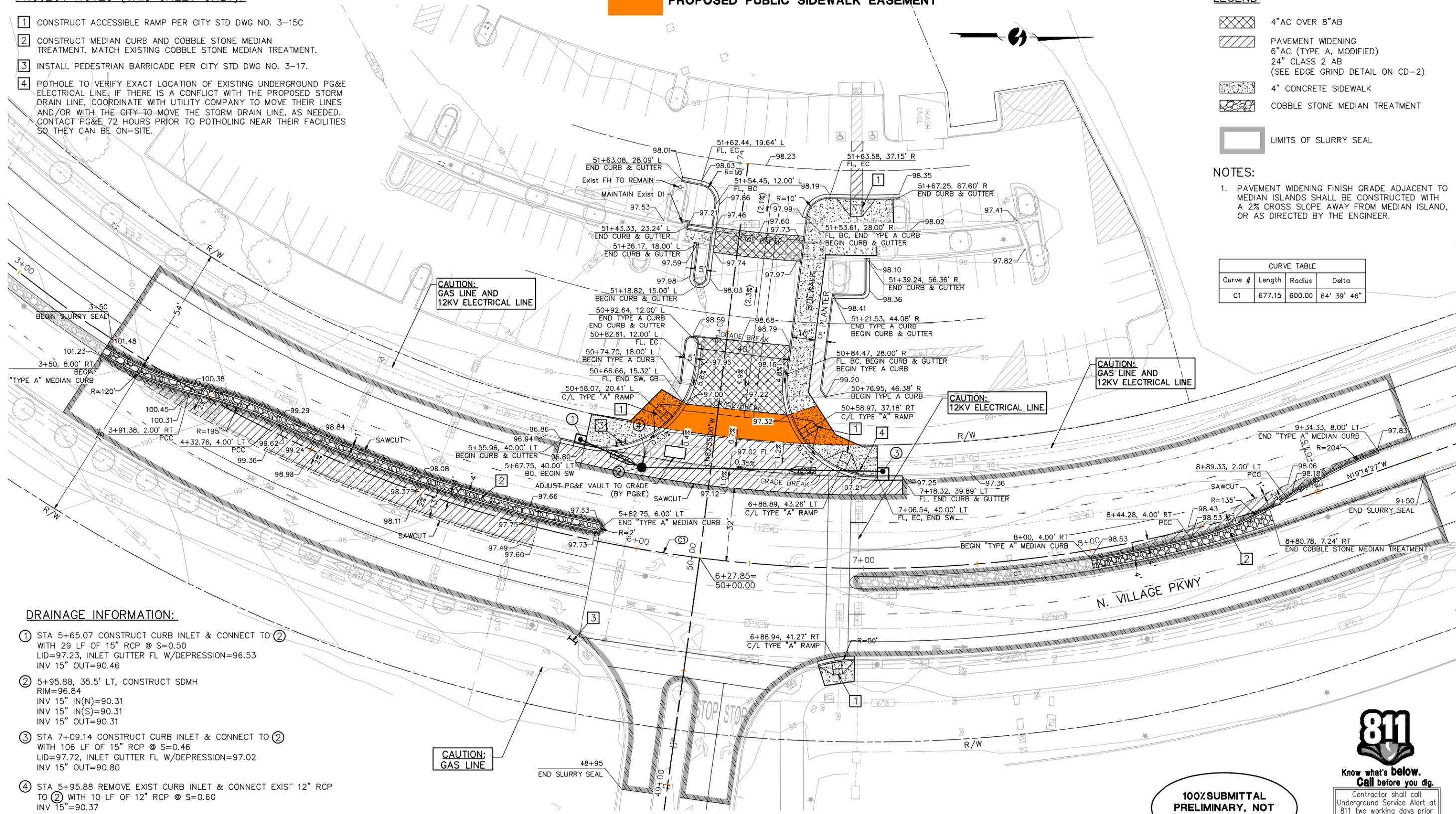
LEGEND

- 4" AC OVER 8" AB
- PAVEMENT WIDENING
6" AC (TYPE A, MODIFIED)
24" CLASS 2 AB
(SEE EDGE GRIND DETAIL ON CD-2)
- 4" CONCRETE SIDEWALK
- COBBLE STONE MEDIAN TREATMENT
- LIMITS OF SLURRY SEAL

NOTES:

1. PAVEMENT WIDENING FINISH GRADE ADJACENT TO MEDIAN ISLANDS SHALL BE CONSTRUCTED WITH A 2% CROSS SLOPE AWAY FROM MEDIAN ISLAND, OR AS DIRECTED BY THE ENGINEER.

CURVE TABLE			
Curve #	Length	Radius	Delta
C1	677.15	600.00	64° 39' 46"

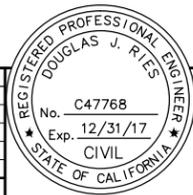


DRAINAGE INFORMATION:

- 1 STA 5+65.07 CONSTRUCT CURB INLET & CONNECT TO 2 WITH 29 LF OF 15" RCP @ S=0.50
LID=97.23, INLET GUTTER FL W/DEPRESSION=96.53
INV 15" OUT=90.46
- 2 5+95.88, 35.5' LT, CONSTRUCT SDMH
RIM=96.84
INV 15" IN(N)=90.31
INV 15" IN(S)=90.31
INV 15" OUT=90.31
- 3 STA 7+09.14 CONSTRUCT CURB INLET & CONNECT TO 2 WITH 106 LF OF 15" RCP @ S=0.46
LID=97.72, INLET GUTTER FL W/DEPRESSION=97.02
INV 15" OUT=90.80
- 4 STA 5+95.88 REMOVE EXIST CURB INLET & CONNECT EXIST 12" RCP TO 2 WITH 10 LF OF 12" RCP @ S=0.60
INV 15"=90.37

REFERENCE FILES: 2056C001.dwg

NO.	DATE	DESCRIPTION	BY



APPROVED BY:
SHAWN L. CUNNINGHAM, R.C.E. 51420
DIRECTOR OF PUBLIC WORKS

RECOMMENDED APPROVAL BY:
TIMOTHY F. BURKE, R.C.E. 52989
CITY ENGINEER



DRAWN By DTZ
DESIGN By DTZ
QUANTITIES By DTZ
Checked DJR
Checked DJR
Checked DJR

CITY OF VACAVILLE
DEPARTMENT OF PUBLIC WORKS



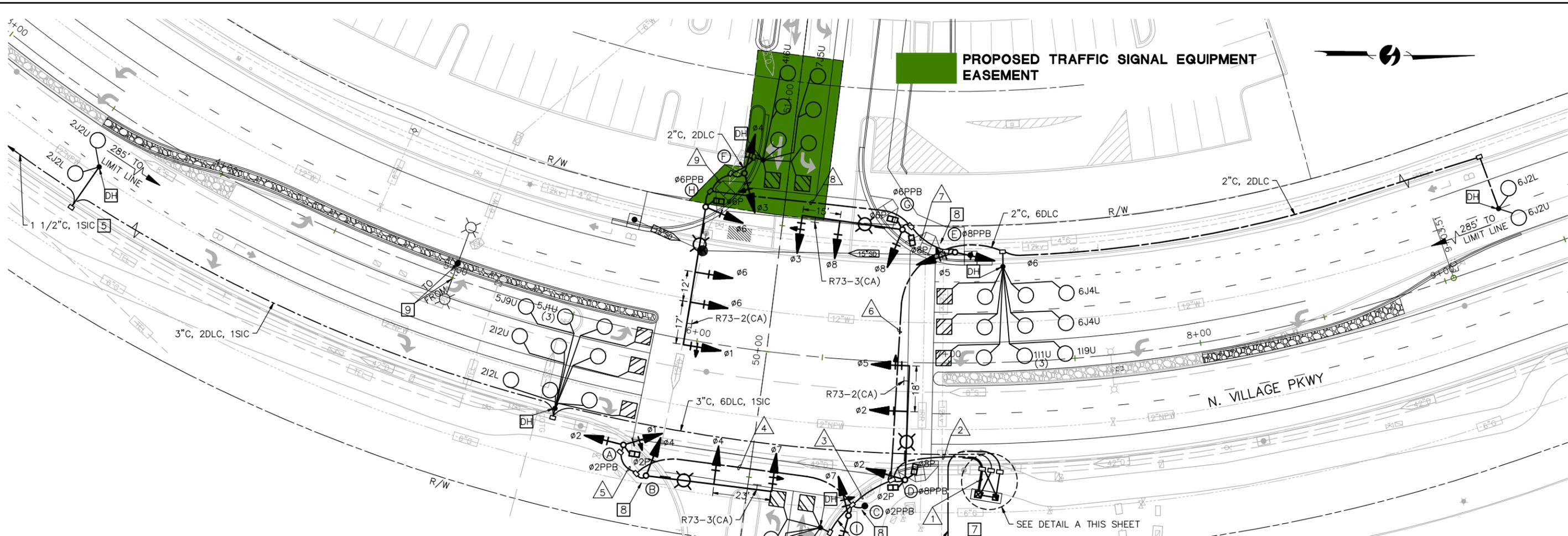
VACAVILLE CENTER INTERSECTION IMPROVEMENTS PROJECT
CONSTRUCTION DETAILS
CD-1

DWG File: K:\PRJ\2056\2056C001.dwg
DISREGARD PRINTS BEARING EARLIER PLOT DATES
DATE PLOTTED: Jan 2017
SHEET: 7
OF: 12



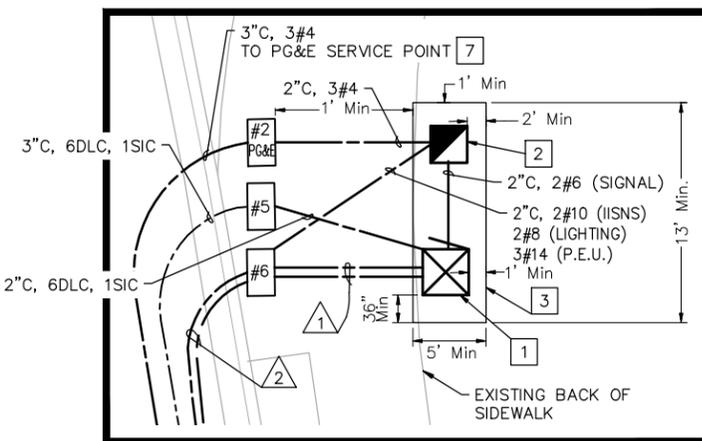
100% SUBMITTAL PRELIMINARY, NOT FOR CONSTRUCTION

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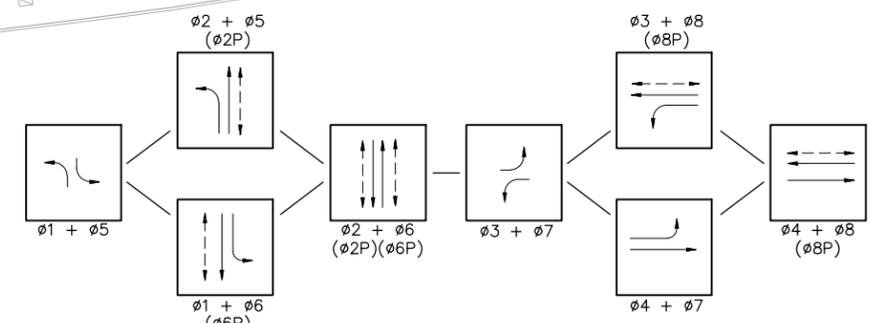


PROJECT NOTES (THIS SHEET ONLY):

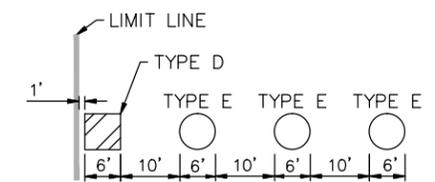
- 1 FURNISH AND INSTALL ECONOLITE SAFETRAN HYBRID 332 RACK MOUNTED CABINET, COBALT MOUNT CONTROLLER AND EQUIPMENT.
- 2 FURNISH AND INSTALL TESCO 27/22 BATTERY BACKUP SPECIAL COMBINATION SYSTEM.
- 3 CONSTRUCT A NEW FOUNDATION FOR THE CONTROLLER CABINET AND BATTERY BACKUP SYSTEM. THE PAD SHALL BE COMBINED AS ONE OVERSIZED FOUNDATION. EXISTING GROUND AND LANDSCAPING SHALL BE REMOVED TO A DEPTH SO THAT THE PAD SHALL MATCH THE EXISTING SIDEWALK GRADE. CONTROLLER AND SERVICE PEDESTAL SHALL BE ONE-FOOT ABOVE EXISTING GRADE. MODIFY IRRIGATION AND LANDSCAPING, AS NEEDED.
- 4 CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER TO REVIEW THE DETECTOR LAYOUT A MINIMUM OF TWO(2) WORKING DAYS PRIOR TO DETECTOR INSTALLATION.
- 5 FURNISH AND INSTALL 1-1/2" C, 1SIC TO SIGNAL CONTROLLER AT VACA VALLEY PKWY & NEW HORIZONS WAY/NORTH VILLAGE PKWY, APPROXIMATELY 650 FEET. INSTALL NO.5 PULL BOXES SPACED NO MORE THAN 200-FOOT INTERVALS.
- 6 ALL TRAFFIC SIGNAL PULL BOXES ADJACENT TO TRAFFIC SIGNAL MAST ARM POLES SHALL BE NO.6 UNLESS OTHERWISE NOTED ON PROJECT PLANS. PG&E PULL BOX FOR SERVICE SHALL BE NO.2. INSTALL NO.5 PULL BOXES SPACED NO MORE THAN 200-FOOT INTERVALS.
- 7 PG&E SERVICE POINT, 120/240. INSTALL PG&E SECONDARY SPLICE BOX.
- 8 POTHOLE TO VERIFY EXACT LOCATION OF EXISTING UNDERGROUND UTILITIES (GAS AND/OR, ELECTRIC). IF THERE IS A CONFLICT WITH THE PROPOSED SIGNAL FOUNDATIONS, COORDINATE WITH UTILITY COMPANY TO MOVE THEIR LINES AND/OR WITH THE CITY TO MOVE THE FOUNDATION, AS NEEDED. CONTACT PG&E 72 HOURS PRIOR TO POTHOLES NEAR THEIR FACILITIES SO THEY CAN BE ON-SITE.
- 9 RELOCATE EXISTING STREET LIGHT. INSTALL NEW STREET LIGHT PULL BOX.



DETAIL A
NOT TO SCALE



PHASE DIAGRAM



TYPICAL LOOP DETAIL
NOT TO SCALE

- 1) CENTER LOOPS IN CENTER OF LANE.
- 2) TYPE D LOOP TO BE WIRED IN SERIES WITH THREE TYPE E LOOPS CONNECTED IN PARALLEL.
- 3) TYPE D LOOP SHALL BE INSTALLED WITH FIVE TURNS.
- 4) LOOP INSTALLATION SHALL CONFORM TO 2010 REVISED STANDARD PLANS RSP ES-5A RSP AND ES-5B DATED 4-15-16.

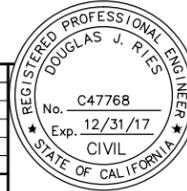
100% SUBMITTAL
PRELIMINARY, NOT FOR CONSTRUCTION



Know what's below.
Call before you dig.
Contractor shall call Underground Service Alert at 811 two working days prior to excavation

REFERENCE FILE: 2056E001.dwg

NO.	DATE	DESCRIPTION	BY



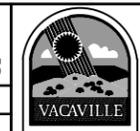
APPROVED BY:
SHAWN L. CUNNINGHAM, R.C.E. 51420
DIRECTOR OF PUBLIC WORKS

RECOMMENDED APPROVAL BY:
TIMOTHY F. BURKE, R.C.E. 52989
CITY ENGINEER



DRAWN By DTZ Checked DJR
DESIGN By DTZ Checked DJR
QUANTITIES By DTZ Checked DJR
SCALE: HORIZONTAL: 1" = 20' VERTICAL:

CITY OF VACAVILLE
DEPARTMENT OF PUBLIC WORKS



VACAVILLE CENTER INTERSECTION IMPROVEMENTS PROJECT
TRAFFIC SIGNAL PLAN
TS-2
DWG File: K:\PRJ\2056\2056E001.dwg
DISREGARD PRINTS BEARING EARLIER PLOT DATES
DATE PLOTTED: Jan 2017
SHEET: 11
OF: 12

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