

#### **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-1502440 Date Issued: 09/02/2015 Start Date: 09/03/2015 Exp. Date: 10/15/2015 Project No: PWP7110005

Quad: SW

Extended To: 04/15/2016

#### ENCROACHMENT PERMIT

Го:	ZAYO GROUP
	75 E SANTA CLARA ST
	CAN LOCE CA 05133

Encroachment	Ľ.	Гу	pe:
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Bore (up to 12 inch Dia) Trench

Location:

LAMMERS RD@SCHULTE RD

In compliance with your request of <u>09/02/2015</u>, 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 Com	ments:				
Traffic Contr	ol Per MUTCD***SEE ATTACHED SPE	CIAL CONDITIONS***			
		- America	<del></del>	,	
FORMS:	SS/WW, R-29				

By:

Est. Permit Fee: \$920.35

KRIS BALAJI, Director Department of Public Works

Permit Section

WHITE

-Permittee

GOLDENROD

-PWD Central File

YELLOW

-Field Inspection

PINK

-Permit Section

#### **ENCROACHMENT PERMIT GENERAL PROVISIONS**

13-1

 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 JOAOUIN 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 located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
- 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.



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Quad: SW

#### **ENCROACHMENT PERMIT**

To: ZAYO GROUP 75 E SANTA CLARA ST SAN JOSE CA 95133

Encroachment Type:		
Trench	Bore (up to 12 inch Dia)	
		-

Location:

LAMMERS RD@SCHULTE RD

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5	Special Comments:
	Traffic Control Per MUTCD***SEE ATTACHED SPECIAL CONDITIONS***
_	

**FORMS:** SS/WW, R-29

Est. Permit Fee: \$920.35

MIKE SELLING, Deputy Director Department of Public Works

WHITE

-Permittee

GOLDENROD

-PWD Central File

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- 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.
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- 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.

#### APPLICATION FOR ENCROACHMENT PERMIT

#### PLEASE PRINT:

Date	08/03/2015		OFFICE	USE ONLY	
To:	San Joaquin County Department of Public Works	JOB# APN	110005	REF#	
	JAMES SMALL (Applicant Name)	EXP. DATE VALID STREET		10-15-15	DRIVEWAYS:
	2700 MERCED ST (Mailing Address)	AREA TYPE FORMS	Tracy QUA Trench/Boy SSWW R		*
	SAN LEANDRO, CA 94577	NOTES			
	(City, State, Zip Code)				
	(916) 207-3637				
	(Area Code - Telephone Number)				
thev of ACCES	ersigned hereby applies for permission to excavate, on the second of the	ap QUIN COUNTY E, TRENCH,	proximately, , by performing the BORE AND PLAC	0 feel following work (des CE APPROXIMA	/mile <u>south</u> cription of work):
Work will	commence on or about09/03/2015		for approximatel	y30	days.
I, the und work des	dersigned, certify that I am the owner of the respective cribed above in accordance with the rules and regula	e property, or a tions of San J	am qualified to repres paquin County and su	ent the owner and a ubject to inspection a	agree to do the and approval.
	ATW			3/2015	_
	Signature of Applicant - Title		[	Date	

#### Timothy R. Callahan

From:

James Small <james.small@zayo.com>

Sent:

Wednesday, September 02, 2015 11:29 AM

To:

Timothy R. Callahan

Subject:

S.Lammers Rd

Tim,

As per our phone conversation, Zayo proposes to bore across S. Lammers Rd south of West Schulte.

Regards,

James Small

OSP Project Manager

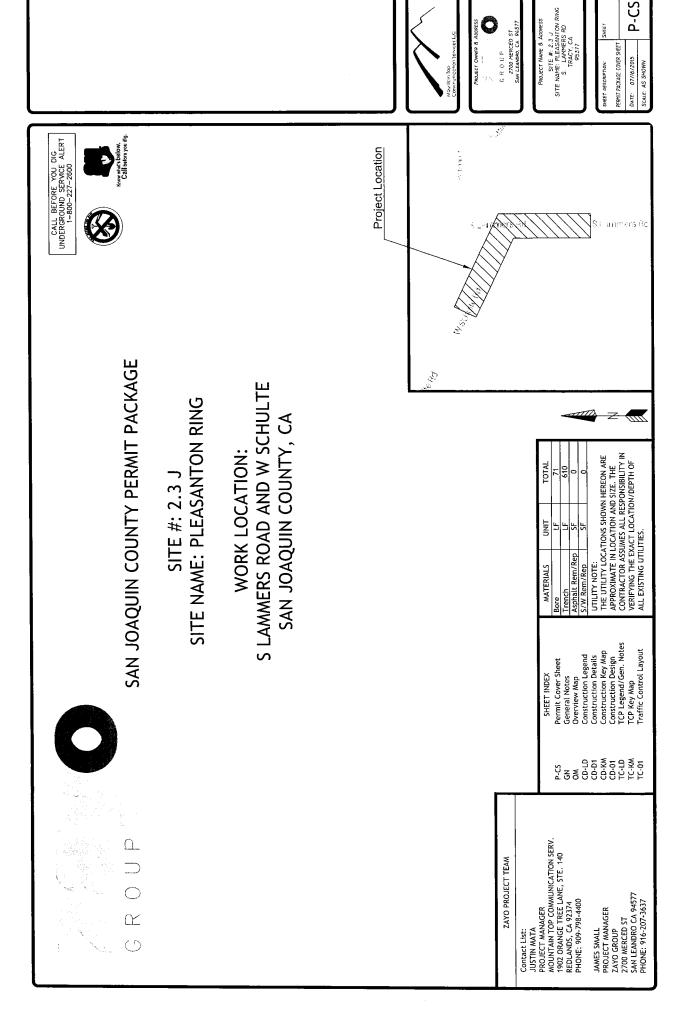
O HOUP

2700 Merced St.

San Leandro, Ca. 94577

Cell: 916-207-3637

James.small@zayo.com



P-CS

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### GENERAL NOTES

- I. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITYS STANDARD DETAILS, TECHNICAL SPECIFICATIONS, AND GENERAL REQUIREMENTS
- CONTRACTOR SHALL SECURE A STREET OPENING PERMIT FROM THE CITY NGINEERING DEPT. AND PAY APPROPRIATE FEE PRIOR TO COMMENCEMENT FWORK, ALL WORK WITHIN THE PUBLIC RIGHT OF WAY SHALL BE DONE
- HON ADJACENT TO THE UITLITY CONTACT UNDERGOODS SERVICE ALERT TO SHE CASTRON OF ALL TO SH
- ALL SIDEWALK, CUBB, AND GUTTER SHALL BE REMOYED AND REPLACED 7 THE NEJAREST SCORE MARK OR AS DIRECTED BY THE ENGINEER. STALLY/DION OF NEW SIDEWALK, CURB & GUTTER AGAINST EXISTING PROVEMENTS SHALL REQUIRE A SIDEWALK CONTACT JOINT (DOWELS
- A LACAS CHEWAS DIRECTION THE CITY BEARMENT THE FIELD AT LEAGL LOCATION WITH SET THE STATE SET ALL DOWN AT LEAGL LOCATION STREET DIRECTIONS OF THE STATE STATE OF THE STATE STATE OF THE STATE ST
- 6. BLACK SAND SLURRY SEAL SHALL BE REQUIRED ON ALL NEW STREET PAVEMENT FOR TRENCH WORK, POTHOLES, AND STREET WIDENINGS. SLURRY SEAL SHALL EXTEND 12" BEYOND THE LIMIT OF PAVEMENT RECONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY, BY CIRCULAR, ALL BUSINESS ESTABLISHMENTS RESUDENCES LOCATED IN AREAS AFFECTED BY THE WORK AT LEAST (48) HOURS RICK TO START OF CONSTRUCTION. CIRCULAR SHALL BE SUBJECT TO THE APPROVAL FIRE CITY ENGINEER.
- S, ALL MANHOLES, VALVE BOXES, MONUMENT BOXES, AND OTHER STRUCTURES IN THE PAVEMENT AREA SHALL BE ADJUSTED TO FRUSH GRADE BEFORE PAVING FINAL LIFT.
- ). GRADE BREAKS OH CURBS AND SIDEWALKS ARE TO BE ROUNDED OFF ON FORM MORK & FINISHED SURFACING.
- IN IT IS HE CONTRACTOR SECONDRICTY TO REPLACE JAL STREET JOURNADATS OR TOUR TOWNS DO MINK THE PROPERTY OF CONTRACTOR IN A STREET MANUALIST HAS THE PROTECTION OF YEAR OF THE PROPERTY OF SALES JACKS OR AND A TITLE PROPERTY. HE COULD NOT YOU SHAD THE MANUALIST CONTRACTOR SALES. AT HIS HER DOPING, HERE A CITIL SANNETS OR JUNE STREET TO PROTECTION SALES.
- 1. ALL SURPLUS & UNSUITABLE MATERIAL SHALL BE REMOVED FROM PUBLIC RIGHT OF WAY.
- 12. CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL  $\alpha$  KEEP MUD  $\alpha$  DEBNIS OFF THE PUBLIC RIGHT OF WAY AT ALL TIMES.
- I. ALL TRENCHES & EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIF. & FEDERAL D.S.H.A. REQUIREMENTS & OTHER PALICABLE SMETT ORDINANCES, CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ENKIL SHORING DESIGN & INSTALIATION.
- XISTING UTILITIES SHOWN ARE BASED UPON RECORD INFORMATION & ARE APPROXIMATE ROLTION & GEPTH. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES THAT MAY RE CYED BY NEW FACLITIES IN THIS CONTRACT, VERIFY ACTUAL LOCATION & DEPTH, & REPORT SYTIAL CONFLICTS TO THE ENGINEER PRIOR TO EXCAVATING FOR NEW FACILITIES.
- IS, THE CONTRACTOR SHALL POTFING EALL EXSTRUCTURINES THAT HAVE BLALLOW HAMBHALL POLLUTHAN'S TO ENTER THE TORNO HAMBHAS TO BOSHER CONCLINANCE, THE CONTRACTOR SHALL MANELSHAFT THE LAPROPHAST REST MANACESHAFT PALCTEE (BMF) AS OUTLINED HANDLESS HAMBHAST PALCTEE (BMF) AS OUTLINED HANDLESS H
- 17. UNLESS OTHERWISE NOTED, CLASS ? A.B. UNDER CURB, GUTTER, & STREET SECTIONS PAVED WITH ASPHALT CONCRETE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION (MINIMUM). 16. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE PUBLIC RIGHT OF WAY SHALL NOT BE VERWITTED, EXCEPT AT LOCATION(S) APPROVED BY 7HE CITY TRAFFIC ENGINEER.
- 18. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE WORK IS STARTED. DEVICES NO LONGER REQUIRED SHALL BE REMOVED AS SOON AS POSSIBLE.
- 19. PEDESTRIAN TRAFFIC MUST BE MAINTAINED AT ALL TIMES. PEDESTRIANS MAY SE RELOCATED ONTO PRIVATE PROPERTY WITH OWNERS PERMISSION ONLY.

# GENERAL NOTES

- 20. NO EQUIPMENT OR MATERIALS SHALL BE STORED OR PERMITTED TO STAND UNPROTECTED WHERE TRAFFIC IS MAINTAINED UNLESS IT IS ALLOWED BY THE CITY ENGINEER IN WRITING.
- 21. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON ROAD SURFACE DURING NON-WORKING PERIODS UNLESS IT IS ALLOWED BY CITY ENGINEER IN WRITING.

I. NO TREMCHING SAML BE DONE WITHIN THE DRIPLINE OF EXCITING TREES WITHOUT THE JAPPOWAR OF THE GITT PLESSORST, OPEN TRECHNICK, IN THE BOOT TONE OF A REQUEST THE TRECHNICH OF THE GITT PLESSORST OF THE TRECHNICH OF THE THE INVOLVED, DECEPTIONS WILL BE ALLOWED IF, IN THE OPANION OF THE CITY ABBORIST, THE WHACT OF TRECHNIC WON THE TREE WILL BE RECLUSIVE.

CITY ARBORIST NOTES:

- 22. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON SIDEWALK AT ANYTIME
- 23. EXCAVATION MATERIALS SHALL BE STORED AWAY FROM THE PAVED ROADWAY WHENEVER POSSIBLE. ALL SPILLED MATERIAL IS TO BE REMOVED TO AVOID SLIPPERY CONDITIONS.

4. BORE OUTSIDE THE DRIPLINE OF ALL TREES TO PREVENT ROOT DAMAGE. NO BORE PITS ARE ALLOWED WITHIN THE DRIPLINE OF ANY EXISTING TREE. I, Lumaling, all public trees, in excess of yibb, where there is nouspigiont space to opass the diright by treasland, matter tunnelld. The recombing fouding distance of the tunnel from the face of the tree in any direction is determined by the direction of the tree as specified by the accompanion (Jerune

3, NO CUTTING OF ANY PART OF PRIVATE TREES, INCLUDING ROOTS, SHALL BE BONE WITHOUT SECURING SUPERVISION OF A CERTIFIED ARBORIST (CERTIFICATION OF INTERNATIONAL SOCIETY OF ARORICULTURE).

. NO CUTTING OF ANY PART OF CITY TREES, INCLUDING ROOTS SHALL BE CONE ATHOUT SECURING APPROVAL AND DIRECT SUPERVISION FROM THE CITY ARBORIST

## CONSTRUCTION NOTES

- . THE METHOD OF CONSTRUCTION SHALL BE BY HORIZONTAL BORING UNLESS THERWISE APPROVED BY THE CITY.
- 2. (1)4" PVC W/(1) 1.25" INDT. SHALL BE INSTALLED ON ALL OPEN TRENCHING UNLESS SHOWN OTHERWISE.
- THE FOLLOWING MINIMUM CLEMANCES (FROM REMAID PERMIETER OF THE BORE HOLE TO THE OUTER PERMICTER OF THE UTILITY) SHALL BE USED AS A CHRISTINE. THE GEOTECHNICAL EPORT CONCLUSIONS A RECOMMENDATIONS OR THE CITY'S DETERMINATION SHALL BE FOLLOWED, MORE RESTRICTIVE.
- (A) LOCATE HOD 8 FT. CLEAR (HOBIZONTALLY) FROM THE EXISTING STORM DRAIN & SANTIARY SEWER HAINS, EXCEPT MYERNAT THE SAME ELEVATION AS WATER MAINS, 8 FT. HORIZONTAL CLEARANCE SHALL LECATRICAL, GAS, ETC.). CHOSSING SHALL BE AT ROBECREE
- USE THE FOLLOWING CHART FOR MINIMUM DEPTH OF COVER (IN THE PAYEJEATT & SIDEMUK KSO) BAINMUM CLEARANCE WHEN CROSSING UTILITES (STORM DRAIN, SAIRTARY SEMER, WATER, CTRICAL COMDUTE, SORES, IR VALCET

BORE DIAMETER	Min. DEPTH OF COVER	Min. CLEARANCE FROM CROSSING UTILITIES
6" OR LESS	- 4	ų
14" OR LESS	6	o,
24" OR LESS	10"	7
ABT OR LESS	.35	ŧ

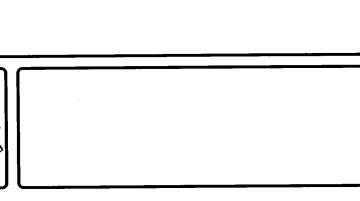
- 6. AT THE DIÐ OF EACH DAY, CONDUIT CAPS SHALL BE PLACED ON ALL VACANT DUCTS, DUCT IN BUILDING EBTRAKETS, NEW OR EXISTING SHALL BE SEALED PRIOR AND AFTER PLACEMENT OF FORER OPIT CABLE IS COMPLETED, INCLUDING DUCTS ON WALL WHERE CORING IS REQUIRED.
- 7. THE REMOVAL, STORAGE, AND REPLACEMENT OF ALL SHRUBBERY SHALL BE THE RESPONSIBILITY OF CONTRACTOR. ALL LANDSCAPING SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITIONS.
- 8. TRAFTIC SIGNAL CIRCUITS AND INTERCONNECT CONDUITS MAY NOT ITS SOMIN CONTRACTOR SHALL INCATE LALL TWAFT E SIGNAL UNION'S AND INTERCONNECT CONDUITS PRIOR TO LAM TRAFFIC SHORL AND PRESCRIPECT CONDUITS AND STAND MAY CONDUITS AND ALL TRAFFIC SHORL AND PRESCRIPECT CONDUITS AND STAND ALL TRAFFIC SHORL CONDUITS AND PRINCIPLED LOSS OF METAL PROBLET CONDUITS AND EXECUTED AND PROBLET LOSS OF SPECIFICATIONS. AND EXECUTED HERE CORD MAY THE CONTRACTOR TO CITY SPECIFICATIONS. AND EXCIT INSPECIE AND MAY AND TRAFFIC DEPARTMENT 48 HOURS PROBLET ON ANY MORK IN THESE AIRLAS.

24. EXISTING SIGHS, DELINEATIONS, GUARDRALLS, MARKERS, TREES, SHRIJBS, FENCES, WALKS, STEPS, ETC. THAT ARE DISTURBED BY THIS CONSTRUCTION SHALL BE REPLACED OR RESTORED TO THEIR ORDINAL COUNTING NO TO THE SATISFACTION OF THE ADJACENT PROPERTY OWNERS AND THE GOVERNING CITY/COUNTY AGENCY.

- J. EKESTNU UTILITIES JAE SHOWNIH JAPRODMATE LOCATIONS OMY. NOT ALL EMETING UTILITIES JAE SHOWNO WITHS LOVAL, THE CONTRACTION SHALL FILLD EMERIT DEETH AND LOCATION OF ALL UTILITIES ME EARDONN UTILITIES ME PAROPHONIS UNICE PAND TOTOS ALL RIGHT TO DIRECTIONAL MORRISO. THE CORMACTION SHALL LUCE HAND TOTOS ALL ESTERIAG LANC WHEN WORKING IN CLOSE PROXIMITY TO EXISTING UTILITIES.

BORE DIAMETER	OF COVER	CROSSING UTILITIES
6" OR LESS	4	Li,
14" OR LESS	6'	Ş.
24" OR LESS	10"	7
AR" OR LESS	75:	15

- , APPROXIMATE LOCATIONS OF SPLICE BOXES ARE SHOWN ON THE PLANS. EXACT INAL LOCATION OF SPLICE BOXES SHALL BE DETERMINED IN THE FIELD WITH CITY POPROVAL AFTER ALL EXISTING UTILITIES IN THE AREA OF WORK HAVE BEEN OF ACTOR.
- 10, TOPS OF SPLICE BOXES SHALL BE SET FOR FUTURE SIDEWALK INSTALLATION IN SPECIFIED LOCATIONS. ALL SPLICE BOXES SHALL BE PLACED WITH PEDESTRIAN TRAFFIC SAFETY AN MIND UNTIL ALL WORK IS COMPLETE.
- 1. THE CITY WATER DEPARTMENT SHALL BE NOTIFIED A MINIMUM OF 24 HOURS RIGH TO POT HOLING ANY CITY WATER OR RECLAIMED WATER MAINS OR SERVICES.



WHEN THE TREE DIAMETER AT 4.5 FEET IS:

TRENCHING WILL BE REPLACED
BY TUNNELING AT THIS MIN.
DISTANCE FROM THE FACE OF
THE TREE IN ANY DIRECTION:
5 FEET

DEPTH OF TUNNELING
THEE DIAMETER DEPTH OF TUNNEL
9" OR LESS 2.5"



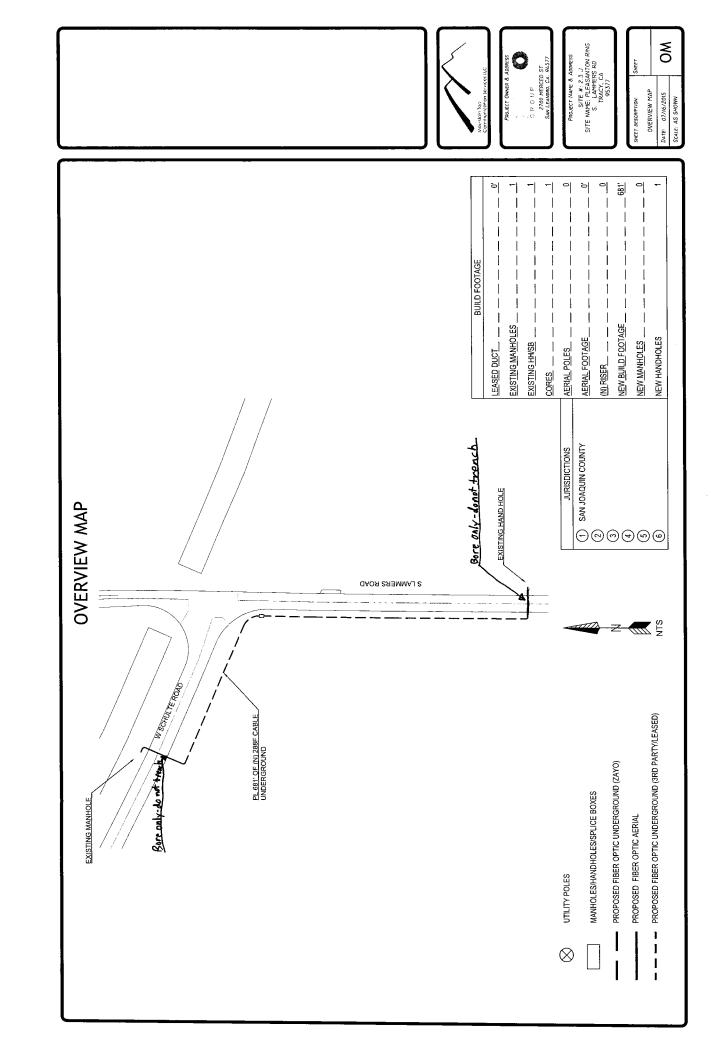


95377
TRACY, CA
S. LAMMERS RD
SITE NAME: PLEASANTON RING
SITE #: 2.3 J
PROJECT NAME & ADDRESS

SHEET DESCRIPTION: GENERAL NOTES SHEET

DATE: 07/16/2015 S

SCALE: AS SHOWN



# LEGEND

	Br. 1	FVG	PROPOSED OVERNEAD GO.			
		EOHG	EXISTING OVERHEAD GUY	-	SIFP	FOREIGN POWER
	8	87	BOW TIE		ā	TELEPHONE ONLY
	Ł	SA	SIDEWALK ANCHOR	,	3 3	POWER ONLY
	·¥	Ā	EXISTING ANCHOR	κ 4	5	JOINT USE
	Ť	. P	PROPOSED ANCHOR	⊗ ⊡	₽;	POWER POLE
	T	EPA	EXISTING POWER ANCHOR	TORWIS.	ABBREVIATION	DESCRIPTION
	TOBMAS	ABBREMATION	DESCRIPTION			POLE SYMBOLS
	[		BOLE HARDWARF	SP	SCB	SPRINKLER CONTROL BOX
	>	CELL TOWER	CELL TOWER	E E	SPLB	SPLICE BOX
	0	EX ATT MH	EXISTING ATT MH	<b>3</b>	ļ v	SPLICE
		EX ATT HH	EXISTING ATT HH/SB	( )	2	
	] [	_ <u>_</u>	BORE/RECEIVE FIT	58	SSCO	SANITARY SEWER CIFAN OUT
	]	<u>p</u>	מסחד /פרסבואה פוד		HMSS	SANITARY SEWER MANHOLE
	İ	GRD	BOND AND GROUND	}	Ŧ	TRAFFIC FLOW
	<b>8</b> E	₽ Ç	ZAYO BROBOSED HANDHOLE	•	3	ROAD SIGN
	] <b>(</b>	7	ZAYO PROPOSEU MANHOLE	ı	3	
	) ()	2 5	EXISTING ZATO MANHOLE	Ū	9 <b>9</b> 9	POWER PEDESTAL
	9			\$	胆	PILLAR
	SYMBOL	ABBREVIATION	DESCRIPTION		P PH	PAYPHONE
	l	į	TANKS TO THE STATE OF THE STATE		PKWY	PARKWAY
	IAR	ВX	IRRIGATION BOX			MANHOLE
	D	ð	WIND DEFLECTOR	<b>②</b>	HMN	INTERMEDIA COMMUNICATIONS
EASEMENT	8	WM	MONITORING WELL	1.1	ICGMH	ICG MANHOLE
SECTION LINE	[3	WTWR	WEATHER TOWER	Z	GATE	GATE
DATCH	Σ		MAIGN VALVE	7	ç	GAS VALVE
RIGHT-OF-WAY (R/W)	k (ž	WW.	WATER WATER		ę	
CENTERLINE (C/L)	(3	100	WATER MANHOLE		ĕ	GAS METER
PROPOSED ENCASING	9 6	=	VEN		GHŦ	GAS HANDHOLE
1' WIDE TRENCH LINE	⊴ (	<b>4</b> 8	CHECK	<b>\$</b> -	2	FIRE HYDRANT
DIRECTIONAL BORE (DB)	<u>a</u>	ā	I THI ITY BOY		Ş	FIBER OF ITO CARGE FERENCE INC
PROPOSED CONSTRUCTION		UPED	UNIDENTIFIED PEDESTAL		FOPFD	FIRER OPTIC CARLE PEDESTAL
Should federates	0	HMU	UNIDENTIFIED MANHOLE		FOMH	FIBER OPTIC CABLE MANHOLE
CONCRETE WALL OR	Ħ	H	UNIDENTIFIED HANDHOLE		FOHH	FIBER OPTIC CABLE HANDHOLE
WATER		TREE	TREE	0	₹	FENCE POST
TREFILINE	⊠	<del>7</del>	TRANSFORMER	Ē	EWP	ELECTRIC WATER PUMP
AD	₩	7	TRAFFIC LIGHT	) 32	5	ELECTRIC VAULT
EENOE O O O O O O O O O O O O O O O O O	TFC	ТСНН	TRAFFIC CONTROL HANDHOLE		! !	CCC INC INCIDENCE
CURB/EOP	8	ТСВ	TRAFFIC CONTROL BOX	<u>-</u>   (	Ŧ.	ELECTRIC HANDROLE
GUARD RAIL		: :	ICECTIONE - COCOLOG	n)	EMH	ELECTRICAL MANHOLE
EXISTING CONDITIONS		TPD	TELEBHONE DEDESTAL		DWY	DRIVEWAY
	Ŧ.	TM H	TELEPHONE MANHOLE	¥	DG	DOWN GUY
NATURAL CAS	B .	RRSB	RAIL ROAD SWITCH BOX	Ĭ	CUL	CULVERT
SANITARY SEWER	) ) 	SWAR	SWING OR DRAW BRIDGE	•	Ç	CRASH BARRIER
	Ø	N.	SUBVEY MARKER	9	2	
	<b>F</b> <sub>13</sub>	C.	HTHEY MARKER		STDR	CATCH BASIN / INLET
EX. FIBER OPTIC CABLE	<b>*</b>	STL	STREET LIGHT	ō	CTVP	CABLE TV PEDESTAL
	S O	SDMH	STORM DRAIN MANHOLE	Bus	BS	BUS STOP
₹	9	HMTS	STEAM MANHOLE	_	BR	BRIDGE
EXISTING UNDERGROUND UTILITIES  ELECTRIC	3	SPH	SPRINKLER HEAD		ВХС	BOX CULVERT
		DOONE THE POST OF	DESCRIPTION.	TORWAS	ABBREVIATION	DESCRIPTION
CONVENTIONAL SYMBOLS CONT.	SYMBOL KEY	ARREVIATION	SYMBOLS CONT.			CONVENTIONAL SYMBOLS
i						





CONSTRUCTION LEGEND

DATE: 07/16/2015

SCALE: AS SHOWN

CD-LD

SHEET DESCRIPTION:

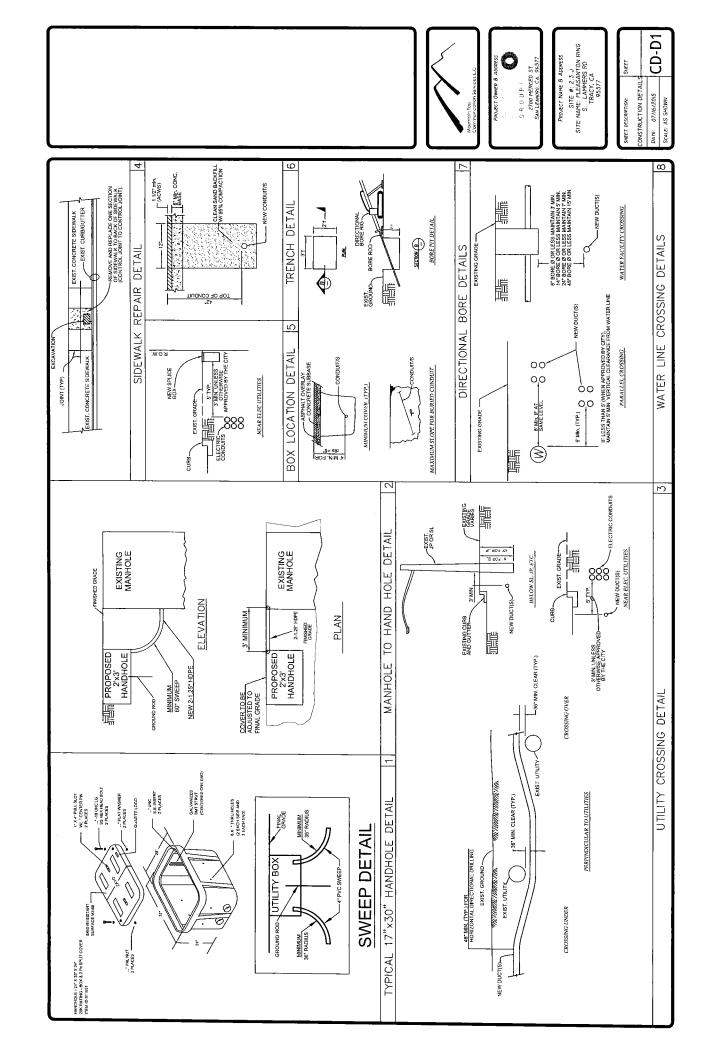
SHEET

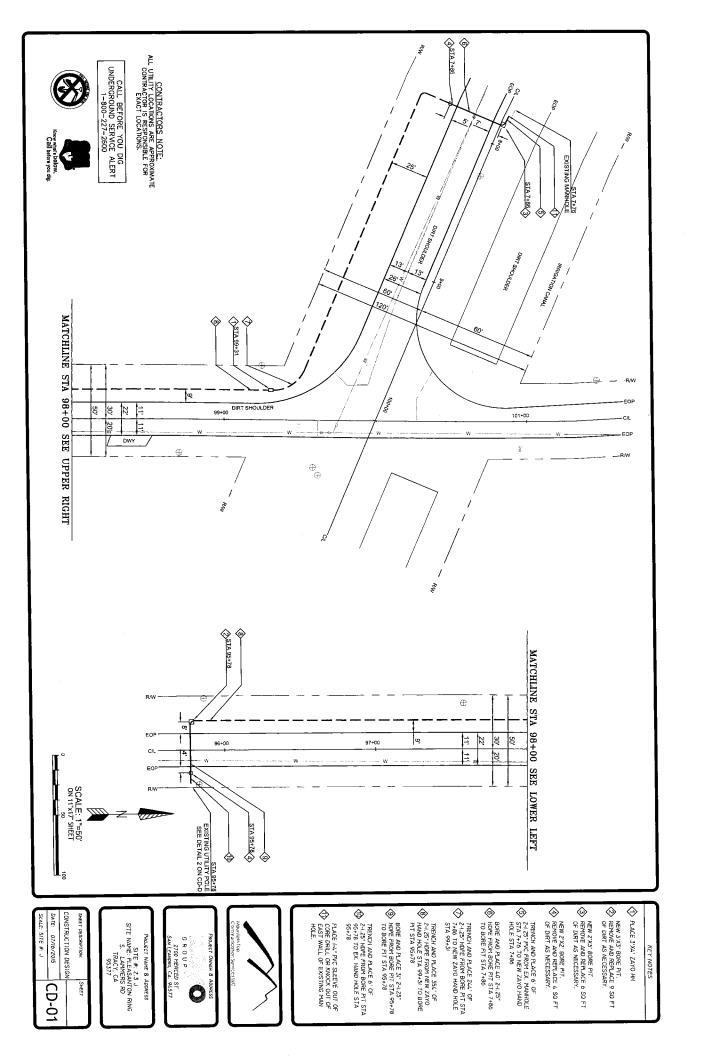




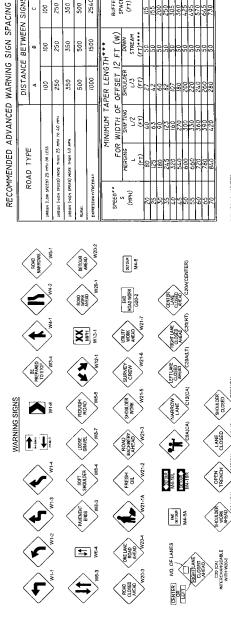








# TRAFFIC CONTROL LEGEND AND GENERAL NOTES



- DISTANCES SHOWN IN FEET, THE A DHENSION IS THE
DISTANCE FOR THE TRANSITION OF
POINT OF RESPIRETION TO THE FIRST SIGN, THE B DIHENSION IS
THE OSTSTANCE BETWEEN
THE COMPASSION IS THE SIGN THE SECOND AND
THE COMPASSION IS THE SIGN IN A THREE-SIGN SERIES THAT IS
COMMENT OTHER TO THE SIGN IN A THREE-SIGN SERIES THAT IS
COMMENT OTHER TO ZONE.
THE "THRO SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM
THE THE ZONE.)

REGULATORY SIGNS

ONLY

**②** 

(g) \frac{7}{2}

GENERAL NOTES.

1) INDIVIDUALS.

2) AS WORK PORCRESSES TIT CARD/OR WORKING COMPITIONS FOR COURTS. RECKLISTS, ADD WORKERS.

2) AS WORK PORCRESSES TIT CARD/OR WORKING COMPITIONS SHOULD BE MODIFIED AND WORKERS.

2) AS WORK PORCRESSES TIT CARD/OR WORKING COMPITIONS SHOULD BE MODIFIED AND WORKERS.

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ROAD CLOSED ANEAD ICCL BANTERA

NOND CLOSED NOU TRAFFIC R11-4

ROAD CLOSED R11-2

Stotsware Reserved

SOPWLX CLOSED USE OTHER SINE R9-10

SIDEWALK CLOSED R9-9

**8** 3 R3-6

MISCELLANEOUS DEVICES

AHEAD SLOW

CHANGEABLE MESSAGE SIGN TRAILER (TYP.) (CMS)

KEEP RIGHT R4-7A

NOT PASS R3-5L

Ø

AHEAD R3-17A ENDS

ELECTROLING (CALFORNIA IN PARENTHESES): W20-1 (CZ.) ROAD WORK AFEAD, W9-3 (CZ.0) XXX LANE CLOSED AHEAD (L., R. CENTER, 19) COMMON TTC SIGNING (CALFORNIA IN PROAD WORK, SC11 (CA) BIKE LANE CLOSED, W16-1 SHARE THE ROAD (BLACK ON YELLOW), R9-9 BIKE), C30 (CA) LANE CLOSED, (BLACK ON WHITE), R9-11(L.R) SIDEWALK CLOSED AHEAD (BLACK ON WHITE), C9 (CA) FLAGGER (W/STOP PADDLE), W4-2 (W/11) LANE ORDO-

HLWD High Level Warning Device Flashing Arrow Sign (FAS) Type III Barricade with slgr Portable Flashing Beaco FAS Support or Trailer Signalized Intersection Direction of Travel Temporary Sign LEGEND Work Vehicle Traffic Cone Work Area Flagger Į. @ ( <del>%</del>⊗⁄ €₩

\*\*\* - FOR OTHER OFFSETS USE THE FOLLOWING MERGING TAPER LENGTH FORMULA FOR L

FOR SPEEDS OF 40 MPH OF LESS, L\*WS/60 FOR SPEEDS OF 45 MPH OR MORE, L\*WS

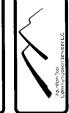
•• - POSTED SPEED LIMIT, OFF PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING. OR THE ANTICIPATED OPERATING SPEED IN MPH.

ORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH

WHERE L. = TAPER LENGTH IN FEET W = WIDTH OF OFFSET IN FEET S = POSTED SPEED LIMIT, OFF PEAK S 5TH-PERCENTILE SPEED PRIOR

- MAXIMUM DOWNSTREAM TAPER LENGTH IS 100 FEET.

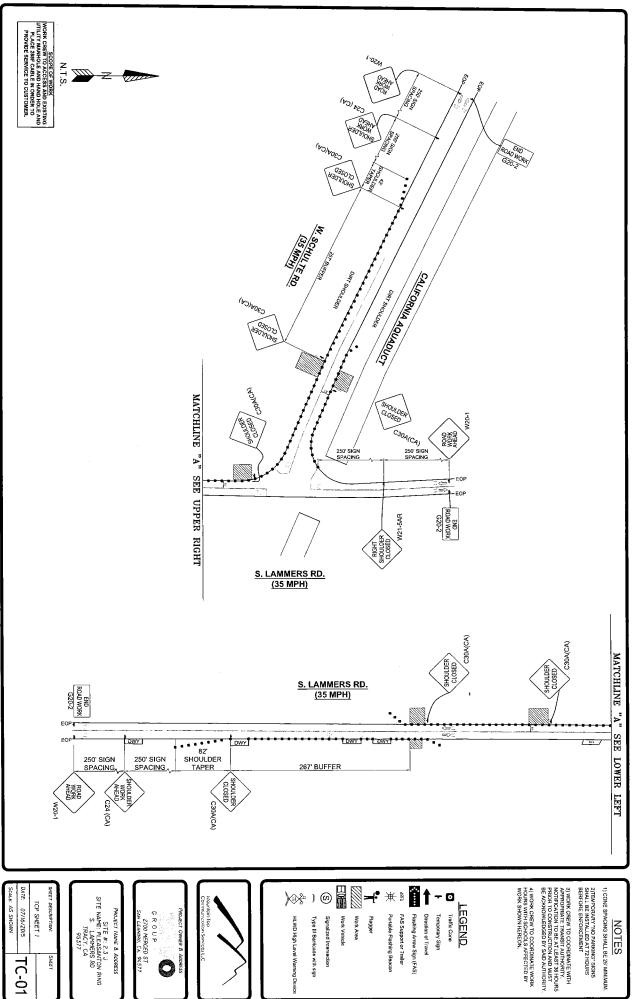
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SITE #: 2.3 J SITE NAME: PLEASANTON RING S. LAMMERS RD TRACY, CA 95377 PROJECT NAME & ADDRES!

SHEET		TC-ID		
HEET DESCRIPTION:	LEG./DET./GEN. NOTES	NATE: 07/16/2015	CALE: AS SHOWN	

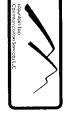




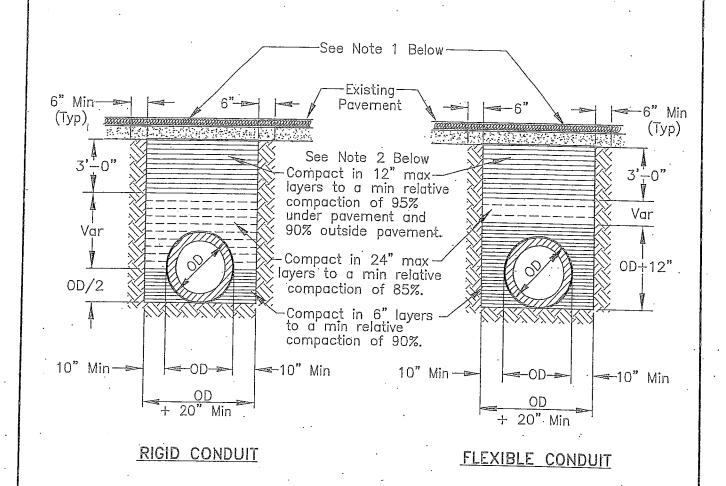






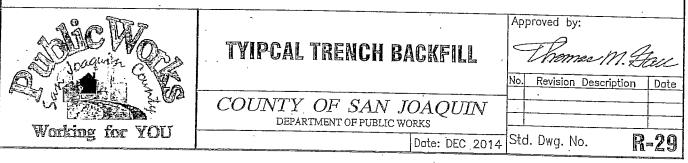


Traffic Cane Transcare Sign Direction of Travel Flashing Arrow Sign (FAS) FAS Support or Trailer Pertable Flashing Beacon Flagger Work Area Work Vanicle Signalized Intersection Type III Barricade with sign HLWD High Level Warning Device		<b>&gt;&gt;</b>	j	<u>(6)</u>			<b>[•</b>	*	675	î	t	<b>-</b>	0	<b>⊢</b>	
		HLWD High Level Warning Device	Type III Barricade with sign	Signalized Intersection	Work Vehicle	Work Area	Flagger	Partable Flashing Beacon	FAS Support or Trailer	Flashing Arrow Sign (FAS)	Direction of Travel	Temporary Sign	Traffic Cone	EGEND.	



#### NOTES:

- 1. New pavement shall be 1" thicker than existing pavement, minimum of 0.25 Ft. New base shall be 1" thicker than existing base, min of 0.50 Ft.
- 2. Select native material or imported granular material as approved by the Director of Public Works. Backfill with materials equal to or better than the existing pavement and base in quality.
- 3. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
- 4. All existing pavement shall be neatly cut to line prior to trench excavation.
- 5. Jetting or ponding will be permitted within the street right—of—way with a 3 year bond, when approved by the Director of Public Works.
- 6. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
- 7. Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



#### GENERAL PROVISIONS

#### GOVERNING INSTALLATION OF SUBSURFACE STRUCTURES AND PIPELINES WITHIN COUNTY ROAD-RIGHTS-OF-WAY

#### PUBLIC CONVENIENCE AND SAFETY:

- Before obstructing any private driveway entrance or County road traveled way with a trench, spoil bank, equipment or other barrier permitted for any prolonged period of time, the Permittee shall notify the known users of the respective thoroughfare(s) involved, and shall provide access for vehicular and pedestrian traffic to and from the road.
  - Unless otherwise permitted, all work shall be conducted in such a manner that no less than one lane of the existing County road traveled way will be maintained open to public traffic during working hours in a smooth and safe riding condition(s). Two lanes shall be open after working hours.
  - In cases where road closure is permitted, the permission to close the road will be granted under the condition that the Permittee notify the following persons and/or agencies of the time, the period of closure, and the detour route at least twenty-four (24) hours prior to said road closure.

The County of San Joaquin Public Works Department

đ. The local fire district

The County of San Joaquin Sheriff's Office

e. The local school district

The local postal service

- f. The local residents involved
- Should hazardous conditions relative to the installation operations warrant flagmen, as many capable flagmen as may be necessary shall be provided by the Permittee and stationed in advance of work to warn and direct traffic.
- Lights, signs and barricades shall be furnished, erected and maintained by the Permittee for the adequate warning and convenience of the public, with particular attention to be taken in this regard after dark.
- D. Any excess dirt and/or debris which might be a hazard to either automobile or pedestrian traffic, uncontrollable by lights, signs and barricades, shall be removed from the jobsite daily.

#### STRUCTURES:

- Walls of structures shall be such quality and strength that they will resist all pressures and will not crack or be deformed in such a way as to create a hazard or maintenance problem at any time. Therefore, the minimum structural requirements for concrete pipe placed under county road rights-of-way shall conform to the following American Association of State Highway and transportation Officials (AASHTO) designations.
  - For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASHTO Designation M
  - For concrete pipe thirty-six inches (36") inside diameter and larger, reinforced concrete pipe conforming to AASHTO Designation M 170M Class ·2.
    - Plastic pipe conforming to AASHTO Designation M294.
- All concrete pipe joints with County road rights-of-way shall be sealed against leakage and/or infiltration with rubber gasket in conformance with Section 65-1:06 of the California Standard Specifications, or with other methods as may be permitted under the Special Provisions.
- Cast-in-place concrete pipe, vitrified clay pipe, spiral welded steel pipe, or corrugated aluminum alloy pipe shall not be installed within the County road rights-of-way unless specifically so stated in the Special Provisions, and only under the conditions as provided.
- All structures to be buried within the County rights-of-way shall be set at such elevations as to allow minimum coverage of thirty inches (30") to the centerline of the roadways and twelve inches (12") at the bottoms of borrow ditches each side of the roadways. The depths of structures shall be established below a flat plane extending across the rights-of-way, no part of which shall extend above the elevations stated above; manholes, lampholes, valves, etc. not included. Future surface elevations shall be anticipated as nearly as possible and structure elevations shall be established for future adjustments accordingly.
- The County hereby reserves the right to specify in the Special Provisions the gage and surface treatment of any galvanized corrugated metal pipe that is to be
- All longitudinal utility facilities are to be established (and dimensioned on sketches) from surveyed centerline of road right-of-way, not from right-of-way (border) lines.

#### REPAIRS OF THE COUNTY RIGHT-OF-WAY:

- All excavations shall be backfilled and compacted immediately after work therein has been completed.
- Trenched shall not be left open farther than 300 feet in advance of pipe laying operations, or 200 feet to the rear thereof, unless otherwise permitted by the Engineer.
- Unless otherwise permitted under the Special Provisions, backfill shall be placed and mechanically compacted in such a manner that the relative compaction throughout the entire fill within the County road right-of-way shall conform to the percentages of compaction as shown on the Trench detail.
- Backfill material shall be placed in horizontal uniform layers not to exceed in thickness, before compaction, 0.67 foot in the bedding region, one -foot where 90% compaction is required, and two-feet where 80% compaction is required.
- No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided. E.
- Gravel backfill material shall be utilized only where specifically so stated on the face of the permit. It shall be compacted by means of a high-frequency F. internal vibrator, the compactor to be a size and type approved by the Engineer. Points of compaction shall not be greater than 18" centers and to the full
- All pavernents, curbs, gutters, sidewalks, borrow ditches, pipes, head walls, road signs, trees, shrubbery, and/or other permanent road facilities impaired by or as a result of construction operations at the construction site(s) occupied by materials and/or equipment, shall be restored immediately upon backfilling of the excavation to the original grades and cross sections, and to a condition as good as, or better than existing prior to construction.
- All surfacing materials of roadways and driveway approaches cut or damaged by or as a result of construction operations, shall be replaced within ONE WEEK following the backfilling of excavation, weather permitting, with compacted layers of surfacing materials at least as thick as the existing, and no less than two inches (2") of asphalt concrete over six inches (6") of aggregate base, both as specified below.
  - Asphalt Concrete: Combined mineral aggregate shall conform to the quality and gradation requirements for Type "B" one-half inch(1/2) maximum aggregate, coarse or medium gradation as specified in Section 39 of the California Standard Specifications. The bituminous binder to be mixed with mineral aggregate shall be paving asphalt having (Grade PG 64-10), unless otherwise directed by the Engineer. Placement of asphalt concrete surfacing shall conform to the applicable provisions of Section 39 of the California Standard Specifications.
  - Aggregate Base: Combined mineral aggregates shall conform to the quality and the grading for three-quarter inch (3/4") maximum size aggregate Class 2 Aggregate Base specified in Section 26 of the California Standard Specifications.
- Before acceptance of repairs to the County road rights-of-way, all unsightly and detrimental dirt, dust and/or debris shall be removed and the construction areas left in a neat and presentable condition(s).
  - If necessary, County road traveled way and driveway pavements shall be washed with water to remove dirt and dust
  - Driveway approaches and field entrance pavements damaged by equipment or spoil banks shall be repaired as directed by the Engineer.
- Upon request by the County, any settlement, sagging of surface, or cracking of pavement shall be repaired immediately by and at the sole expense of the Permittee for a period of one year following acceptance of the work.

#### SPECIAL PROVISIONS

#### Winter Weather Utility Work

- 1. <u>SUPERVISION:</u> The utility company (permittee) shall furnish full-time supervision of all work to insure compliance with the permit provision.
- 2. START OF WORK: No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions and has determined the work can be accomplished under the provisions of the permit.
- 3. <u>CLEAN PAVEMENT:</u> Dirt and mud shall not be deposited on the pavement outside the area of work, and if inadvertently tracked onto the road travel way shall be removed immediately.
- 4. DAILY RESTORATION: Private driveways and road intersections shall be restored daily.
- 5. WEATHER-TIGHT CONDITIONS: All trenches shall be filled and compacted, ditches and other drainage facilities regarded and opened, and the entire work area restored to weather-tight condition prior to any rain.