COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.0. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1803079**
Date Issued: 08/24/2018
Start Date: 08/24/2018
Exp. Date: 10/01/2018
Project No: PWP730079
Quad: NS

UE/CR/PM NO:A01BVKJ

ENCROACHMENT PERMIT

To: AT & T - FRESNO
5555 E. OLIVE RM#300III
FRESNO, CA 93727

Encroachment Type:

Bore (up to 12 inch Dia)	Bore (over 12 inch Dia)	Trench	

Location:
W/S WILSON WY (CITY TO NEWTON RD)

In compliance with your request of **08/24/2018** , 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: $1,151.00

KRIS BALAJI, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permittee
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 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.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Revisions received 7/26/18

Date ~~6/26/2018~~

To: San Joaquin County
Department of Public Works

ATT/VCC ATT JOB # A01BVKJ
(Applicant Name)

5555 E OLIVE AVE
(Mailing Address)

FRESNO, CA 93727
(City, State, Zip Code)

555-454-4900 EMAIL g26977@att.com
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	730079	REF #	
APN		CR #	
EXP. DATE			
VALID	TO		DRIVEWAYS:
STREET			*
AREA	QUAD		*
TYPE			*
FORMS			
NOTES			

Sketch (Detailed plans may be submitted)

PROVIDES UPGRADED SERVICES TO 3655 CHEROKEE RD, STOCKTON, AND REQUIRES A SAN JOAQUIN COUNTY PERMIT FOR WORK AT 12 LOCATIONS NORTH EAST OF WATERLOO RD AND CHEROKEE RD.
PLEASE ATT ENGINEER JOHN MCDOWELL (209-578-7155) WITH ANY QUESTIONS

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the W side of Wilson Wy (City to Newton) ~~approximately~~ ~~feet/mile~~ ~~of~~ ~~See Pg 1 of Attached Drawings~~ & Newton (Wilson to Cherokee) by performing the following work (description of work):

DETAILED DRAWINGS ATTACHED

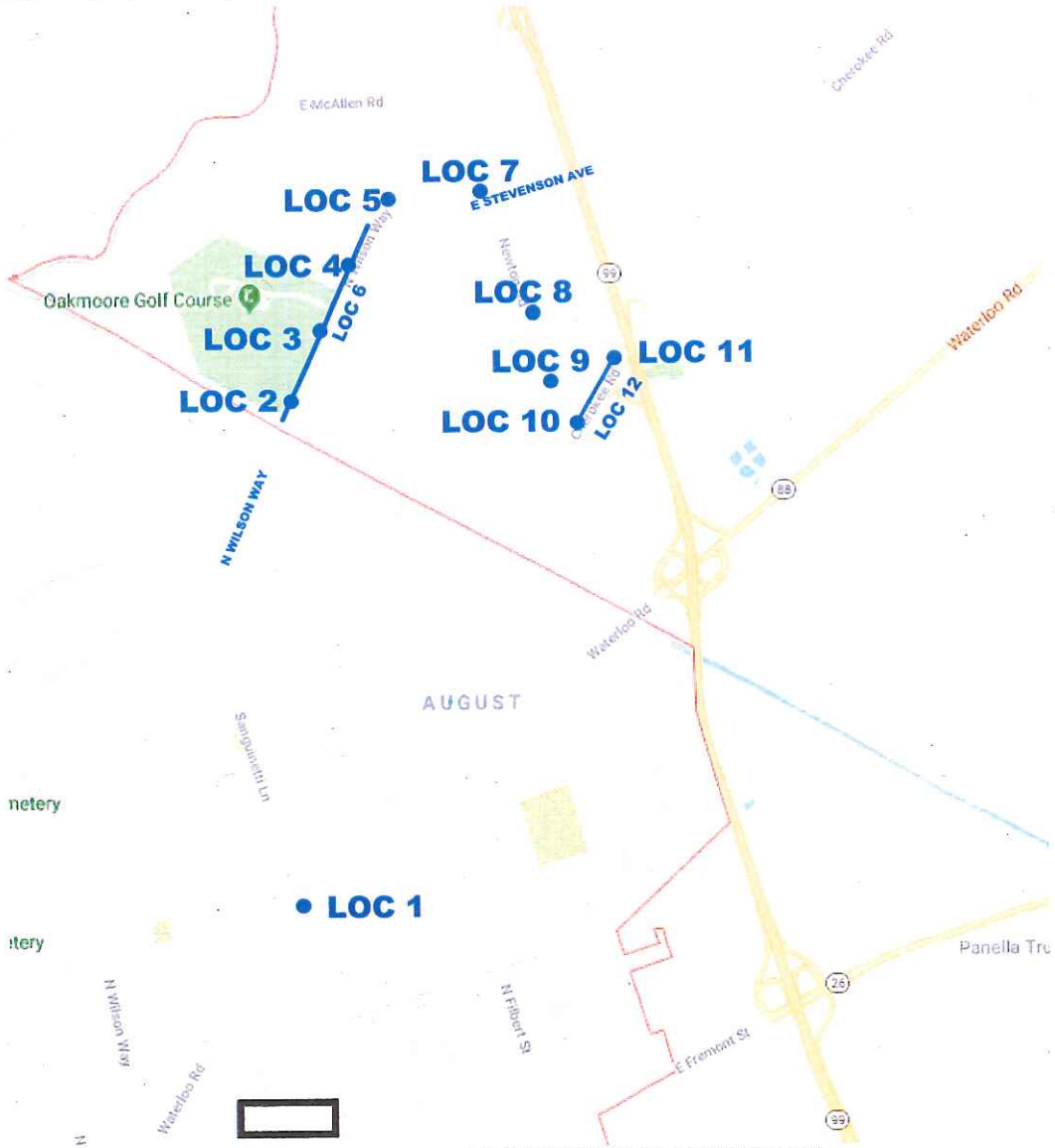
Work will commence on or about 7/16/2018 for approximately 5 days days.

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.

Sherry Parks - Engineering Administrator for AT+T — 6-26-2018

Signature of Applicant - Title — **Date**

SAN JOAQUIN COUNTY PERMIT



VICINITY MAP, SAN JOAQUIN COUNTY (STOCKTON)

SCOPE OF WORK: THIS JOB (ATT JOB# A01BVKJ) PROVIDES UPGRADED SERVICES TO 3655 CHEROKEE RD, STOCKTON, AND REQUIRES A SAN JOAQUIN COUNTY PERMIT FOR WORK AT 12 LOCATIONS NORTH EAST OF WATERLOO RD AND CHEROKEE RD. THIS WORK IS COMPRISED OF PERMIT AND TCP ONLY WORK TO PLACE 2-35-4 POLES, 3-18'X1'X1' SUBSURFACE GROUND BEDS, OPN 3 EXISTING MH AND 3 SPL BOXES, PL 1-4" CPC BY BORE ACROSS NEWTON RD, PL 1 3'X5'X4' SPL BOX, AND 1290' OF AERIAL CABLE REINFORCEMENT

LOC 1 NEED TCP TO OPN EXISTING ATT MH 323 (37.973457, -121.297196) WHICH IS IN AND REQUIRES CLOSING #2 LANE OF EASTBOUND WATERLOO RD E/O CHEROKEE RD.

LOC 2 NEED TCP TO OPN EXISTING ATT MH 2237 (37.990434, -121.267444) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND W WILSON WAY AT 3457 W WILSON WAY.

LOC 3 NEED TCP TO OPN EXISTING ATT SB 2291 (37.9928494, -121.266074) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND W WILSON WAY AT 3730 W WILSON WAY.

LOC 4 NEED PERMIT WITH TCP TO PL NEW 35'-4 POLE (P2) 5' DEEP IN DIRT 135' N/O P1 AS FLAGGED (37.994237, -121.265307) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND W WILSON WAY AT 3931 W WILSON WAY.

LOC 5 NEED PERMIT WITH TCP TO PL NEW 35-4 POLE (P4) 6' DEEP IN PARKING LOT 129' N/O P 3 (37.995330, -121.264620) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND W WILSON WAY AT 4001 W WILSON WAY.

LOC 6 NEED TCP TO RENFORCE 422' AERIAL CABLE ALONG N WILSON WAY SOUTHBOUND.

LOC 7 NEED TCP TO OPN EXISTING ATT SB 2652 (37.997396, -121.258925) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND NEWTON RD AT E STEVENSON AVE.

LOC 8 NEED TCP TO OPN EXISTING ATT SB 2918 (37.993861, -121.257370) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND NEWTON RD AT 3516 NEWTON RD.

LOC 9 NEED PERMIT TO BORE NEWTON RD, PLACE NEW SB, NEW GB AT EXISTING ATT SB 5 WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND NEWTON RD AT 3400 NEWTON RD.

LOC 10 NEED PERMIT TO PLACE NEW 18'X1'X1' SUBSURFACE GB AT EXISTING ATT P 05 (37.989469, -121.255024) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND CHEROKEE RD N/O NEWTON RD.

LOC 11 NEED PERMIT TO PLACE NEW 18'X1'X1' SUBSURFACE GB AT EXISTING ATT P 10 (37.989469, -121.255024) WHICH IS IN AND REQUIRES CLOSING THE SHOULDER OF SOUTH BOUND CHEROKEE RD N/O NEWTON RD.

LOC 12 NEED TCP TO RENFORCE 868' AERIAL CABLE ALONG SOUTH BOUND CHEROKEE RD N/O NEWTON RD.

DETAILED DRAWINGS ATTACHED. PLEASE CALL ATT ENGINEER JOHN MCDOWELL (209-578-7155) WITH ANY QUESTIONS.

at&t

ISSUE	DATE
REV#0	06/2018

AFL Network Services
A Fujikura Business

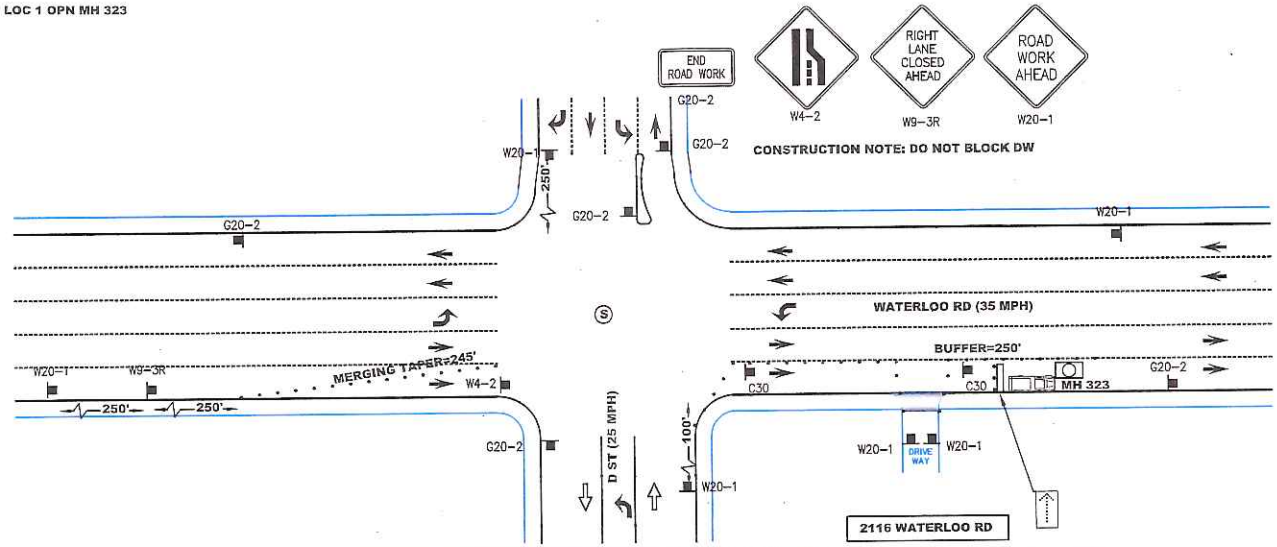
THIS WORK WAS DRAWN BY AFL NETWORK SERVICES UNDER CONTRACT TO AT&T. FOR QUESTIONS AND ASSISTANCE ON THIS JOB PLEASE CALL ENGINEER AS NOTED IN TITLE BOX.

GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	1 OF 14

SAN JOAQUIN COUNTY PERMIT

LOC 1 OPN MH 323

ISSUE	DATE
REV#0	06/2018



TCP LEGEND

CONSTRUCTION: PROVIDE 3' (W) ADA RAMP USING PLYWOOD OR AVAILABLE COMMERCIAL PRODUCTS TO ASSURE CONTINUED PEDESTRIAN TRAFFIC FLOW AROUND/THROUGH WORK SITE.

- TYPE III BARRICADE W/SIGN (5'H x 4'W)
- SIGNALIZED
- SPL BOX (3'X5')
- MANHOLE
- CHANNELIZING DEVICE
- POLE
- SIGN
- FLAG TREE
- FLAGGER
- TANS TOW AWAY NO STOPPING ANY TIME
- WORK ZONE LIMITS

BOC	BACK OF CURB
BOS	BACK OF CSW
C/L	CENTERLINE
C/O	CENTER OF (NO LINE)
CSW	SIDEWALK
DW	DRIVEWAY
ETW	EDGE OF TRAVELED WAY
FOC	FACE OF CURB
PS	PARKSTRIP
ROW	RIGHT OF WAY
SB/NB	SOUTH BOUND/NORTH BOUND
TANS	TOW A WAY NO STOPPING

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
35 MPH	250	245	123	82	50	35	70

ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A 1st sign to 2nd sign	B 2nd sign to 3rd sign	C 3rd sign to point of restriction
URBAN (HIGH SPEED) 26 mph to 40 mph	250	250	250

All distances listed in feet

GENERAL TRAFFIC CONTROL NOTES

TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD) AND STATE STANDARD PLANS.

NO LANE CLOSURES PERMITTED BEFORE 9:00A AND AFTER 3:00P.

ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS SHALL BE GIVEN 72 HOURS NOTICE PRIOR TO THE START OF WORK AND THEIR ACCESS SHALL BE MAINTAINED AT ALL TIMES.

ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.

TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY A UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICES OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDEN, ARRANGEMENTS SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

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A Fujikura Business

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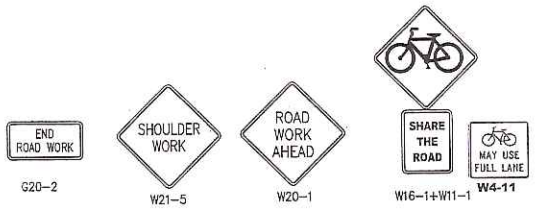
GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	2 OF 14

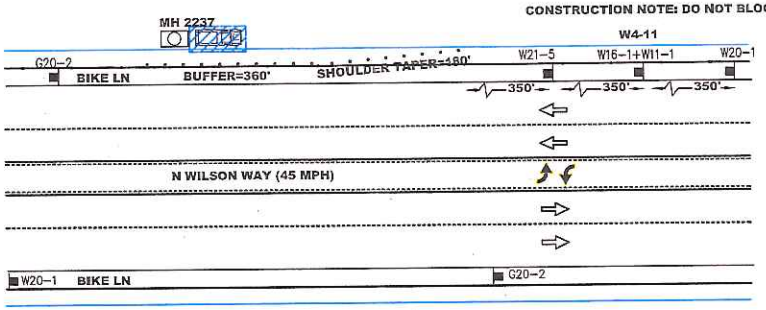
SAN JOAQUIN COUNTY PERMIT

LOC 2 OPN MH 2237

ISSUE	DATE
REV#0	06/2018



CONSTRUCTION NOTE: DO NOT BLOCK DW



ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90

GENERAL TRAFFIC CONTROL NOTES

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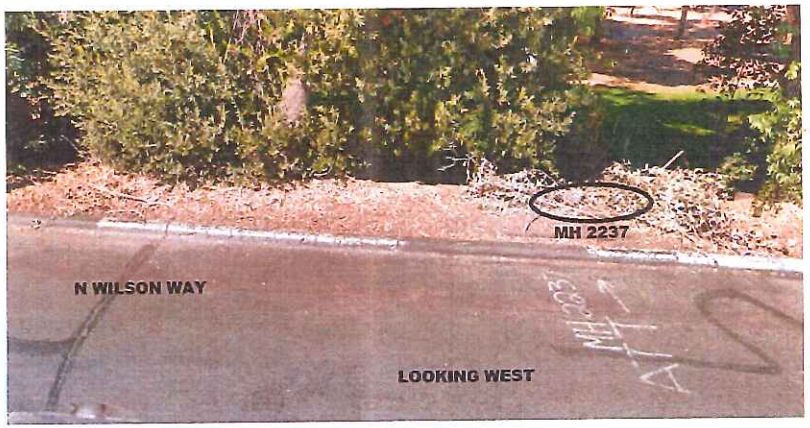

TCP LEGEND

CONSTRUCTION: PROVIDE 3' (W) ADA RAMP USING PLYWOOD OR AVAILABLE COMMERCIAL PRODUCTS TO ASSURE CONTINUED PEDESTRIAN TRAFFIC FLOW AROUND/THROUGH WORK SITE.

TYPE III BARRICADE W/SIGN (5'H x 4'W)
SIGNALIZED
SPL BOX (3'X5')
MANHOLE
CHANNELIZING DEVICE
POLE
SIGN
FLAG TREE
FLAGGER
TANS TOW AWAY NO STOPPING ANY TIME
WORK ZONE LIMITS

BOC	BACK OF CURB
BOS	BACK OF CSW
C/L	CENTERLINE
C/O	CENTER OF (NO LINE)
CSW	SIDEWALK
DW	DRIVEWAY
ETW	EDGE OF TRAVELED WAY
FOC	FACE OF CURB
PS	PARKSTRIP
ROW	RIGHT OF WAY
SB/NB	SOUTH BOUND/NORTH BOUND
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AFL Network Services
A Fujikura Business

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GEO/CO UE73

EXCH. STKNCA01

ENGR. JOHN MCDOWELL (209-578-7155)

ENGR ARC V0KDEEG00

TYPE OF CONST. SAN JOAQUIN COUNTY PERMIT

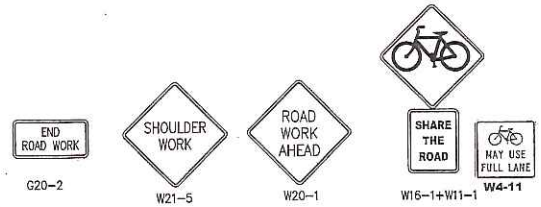
JOB. NO. A01BVKJ

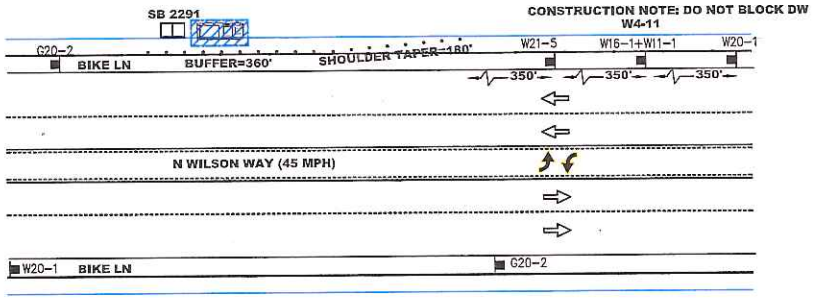
DWG 3 OF 14

SAN JOAQUIN COUNTY PERMIT

LOC 3 OPN SB 2291

ISSUE	DATE
REV#0	06/2018





ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90

GENERAL TRAFFIC CONTROL NOTES

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TCP LEGEND

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TYPE III BARRICADE W/SIGN (6'H x 4'W)

SIGNALIZED

SPL BOX (3'X5')

MANHOLE

CHANNELIZING DEVICE

POLE

SIGN

FLAG TREE

FLAGGER

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BOC	BACK OF CURB
BOS	BACK OF CSW
C/L	CENTERLINE
C/O	CENTER OF (NO LINE)
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GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	4 OF 14

SAN JOAQUIN COUNTY PERMIT

LOC 4 PL 35'-4 P 1-5

ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90

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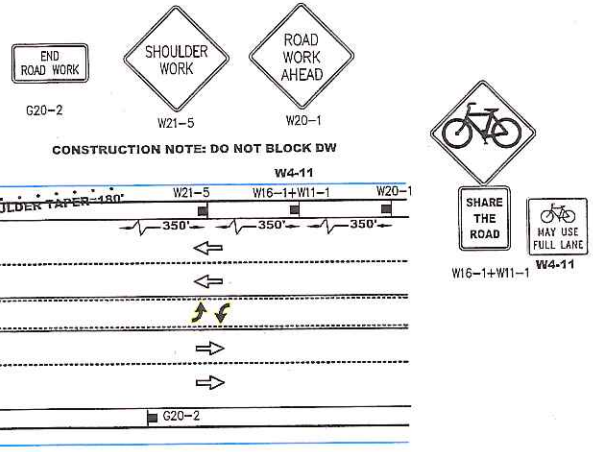

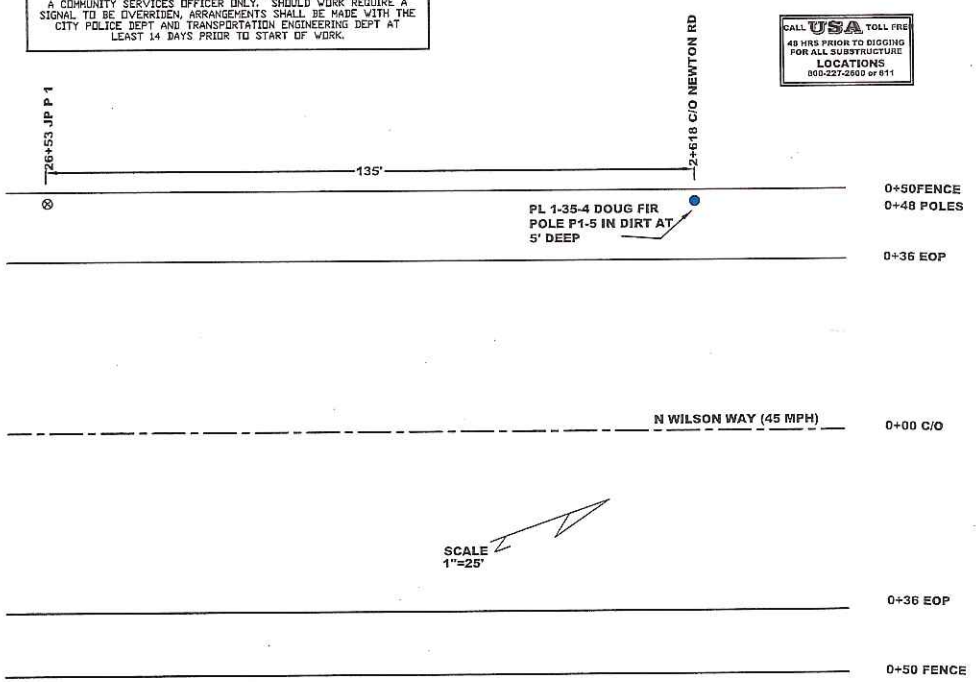

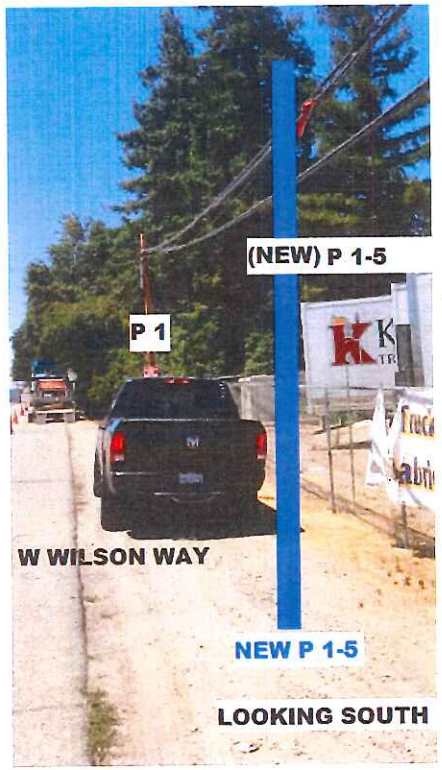

at&t

ISSUE	DATE
REV#0	06/2018

TCP LEGEND

CONSTRUCTION: PROVIDE 3' (W) ADA RAMP USING PLYWOOD OR AVAILABLE COMMERCIAL PRODUCTS TO ASSURE CONTINUED PEDESTRIAN TRAFFIC FLOW AROUND/THROUGH WORK SITE.

TYPE III BARRICADE W/SIGN (5'H x 4'W)
SIGNALIZED
SPL BOX (3'X5')
MANHOLE
CHANNELIZING DEVICE
POLE
SIGN
FLAG TREE
FLAGGER
TANS TOW AWAY NO STOPPING ANY TIME
WORK ZONE LIMITS

BOC	BACK OF CURB
BOS	BACK OF CSW
C/L	CENTERLINE
C/O	CENTER OF (NO LINE)
CSW	SIDEWALK
DW	DRIVEWAY
ETW	EDGE OF TRAVELED WAY
FOC	FACE OF CURB
PS	PARKSTRIP
ROW	RIGHT OF WAY
SB/NB	SOUTH BOUND/NORTH BOUND
TANS	TOW A WAY NO STOPPING

AFL Network Services
A Fujikura Business

THIS WORK WAS DRAWN BY AFL NETWORK SERVICES UNDER CONTRACT TO AT&T. FOR QUESTIONS AND ASSISTANCE ON THIS JOB PLEASE CALL ENGINEER AS NOTED IN TITLE BOX.

GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	5 OF 14

SAN JOAQUIN COUNTY PERMIT

LOC 5 PL 35'-4 P 3-5

ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90

GENERAL TRAFFIC CONTROL NOTES

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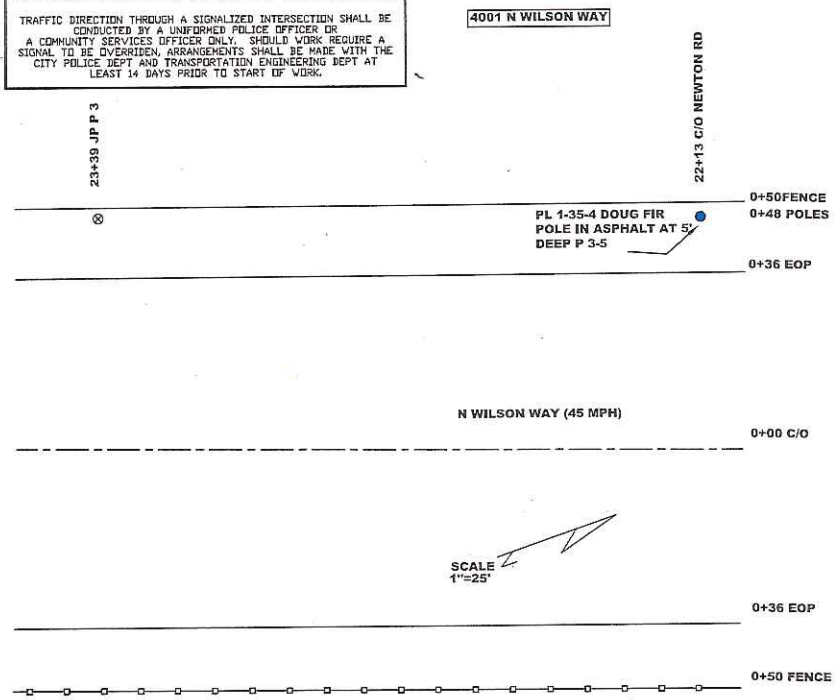
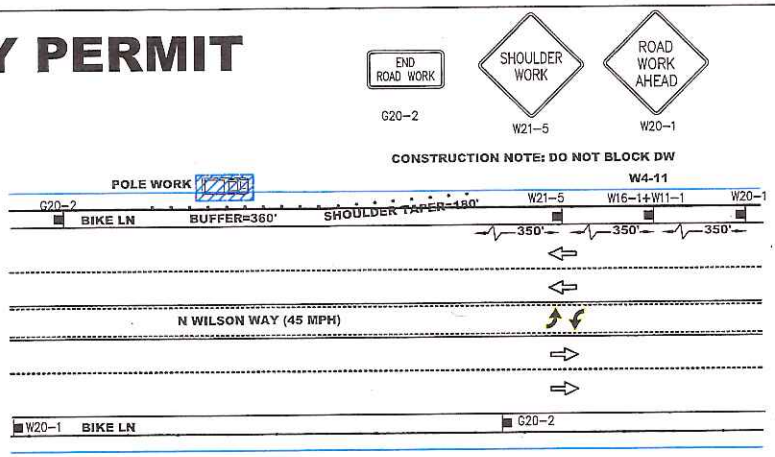
ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.

TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY A UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICES OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDEN, ARRANGEMENTS SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.





TCP LEGEND

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SIGNALIZED
SPL BOX (3'X5')
MANHOLE
CHANNELIZING DEVICE
POLE
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FLAGGER
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ROW	RIGHT OF WAY
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TANS	TOW A WAY NO STOPPING

Place pole on stripes

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A Fujikura Business

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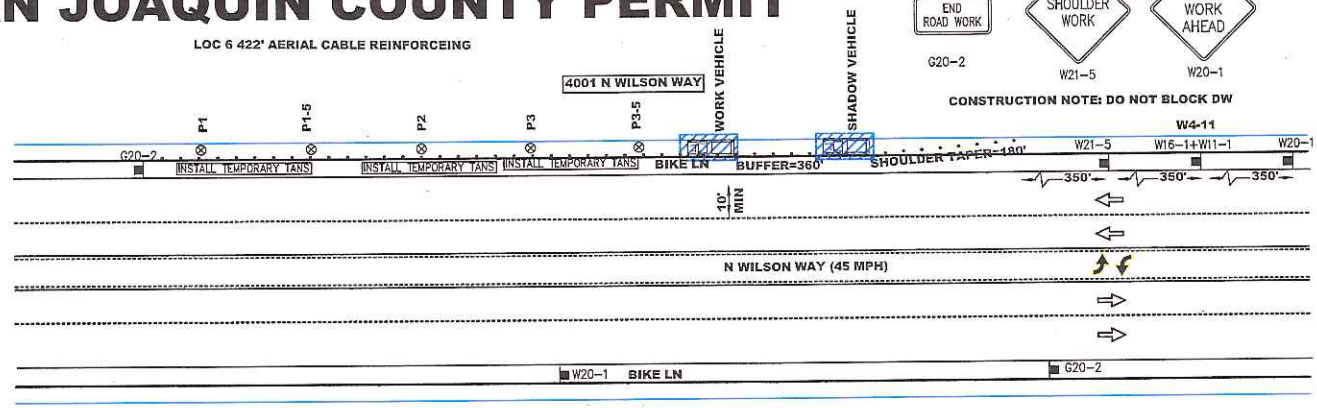
at&t

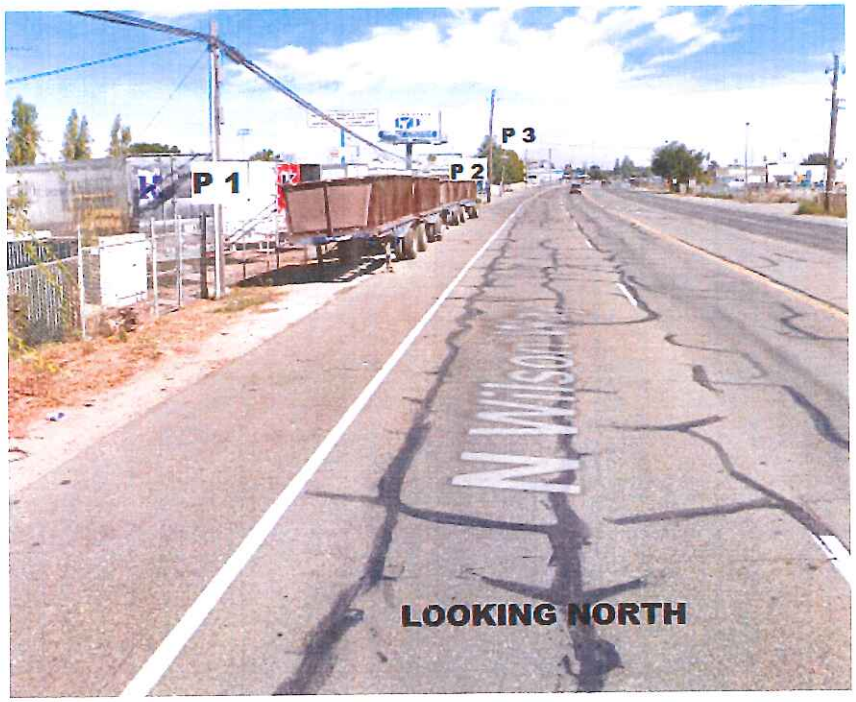
ISSUE	DATE
REV#0	06/2018

GEO/CO UE73
EXCH. STKNCA01
ENGR. JOHN MCDOWELL (209-578-7155)
ENGR ARC V0KDEEG00
TYPE OF CONST. SAN JOAQUIN COUNTY PERMIT
JOB. NO. A01BVKJ
DWG 6 OF 14

SAN JOAQUIN COUNTY PERMIT

LOC 6 422' AERIAL CABLE REINFORCEING





ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90

GENERAL TRAFFIC CONTROL NOTES

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at&t

ISSUE	DATE
REV#0	06/2018

TCP LEGEND

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- FLAGGER
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C/O	CENTER OF (NO LINE)
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AFL Network Services
A Fujikura Business

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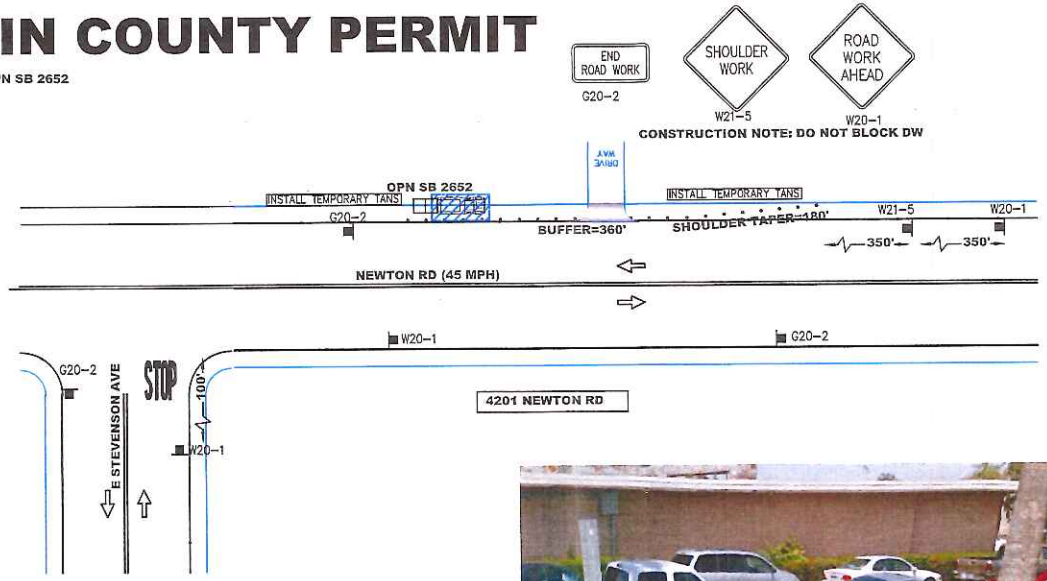
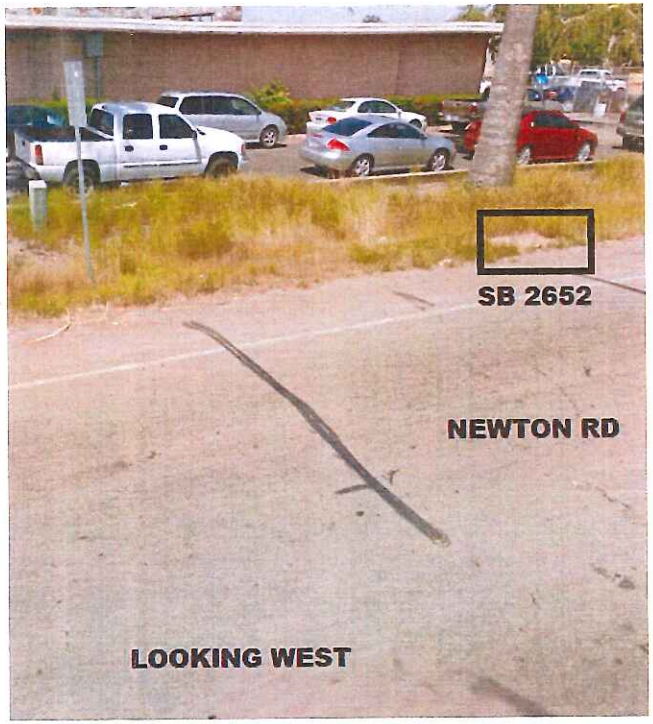
GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	7 OF 14

SAN JOAQUIN COUNTY PERMIT

LOC 7 OPN SB 2652

ISSUE	DATE
REV#0	06/2018





TCP LEGEND

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FOC	FACE OF CURB
PS	PARKSTRIP
ROW	RIGHT OF WAY
SB/NB	SOUTH BOUND/NORTH BOUND
TANS	TOW A WAY NO STOPPING

ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90

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A Fujikura Business

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GEO/CO UE73

EXCH. STKNCA01

ENGR. JOHN MCDOWELL (209-578-7155)

ENGR ARC V0KDEEG00

TYPE OF CONST. SAN JOAQUIN COUNTY PERMIT

JOB. NO. A01BVKJ

DWG 8 OF 14

SAN JOAQUIN COUNTY PERMIT

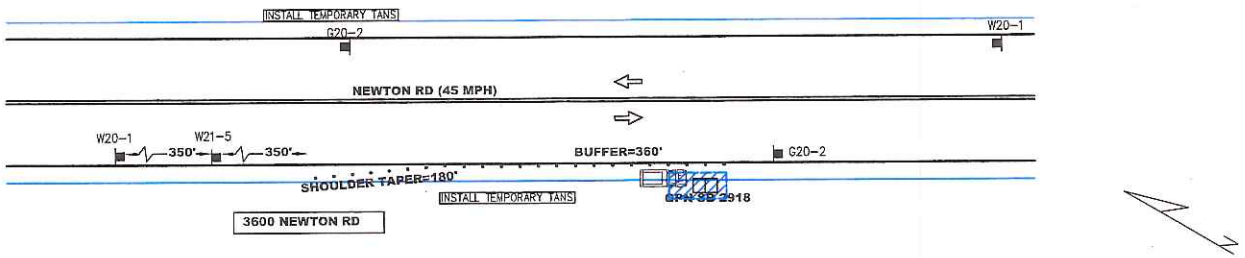
LOC 8 OPN SB 2918

END ROAD WORK G20-2 | SHOULDER WORK W21-5 | ROAD WORK AHEAD W20-1

CONSTRUCTION NOTE: DO NOT BLOCK DW

at&t

ISSUE	DATE
REV#0	06/2018



TCP LEGEND

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SIGNALIZED

SPL BOX (3'X5')

MANHOLE

CHANNELIZING DEVICE

POLE

SIGN

FLAG TREE

FLAGGER

TANS TOW AWAY NO STOPPING ANY TIME

WORK ZONE LIMITS

BOC	BACK OF CURB
BOS	BACK OF CSW
C/L	CENTERLINE
C/O	CENTER OF (NO LINE)
CSW	SIDEWALK
DW	DRIVEWAY
ETW	EDGE OF TRAVELED WAY
FOC	FACE OF CURB
PS	PARKSTRIP
ROW	RIGHT OF WAY
SB/NB	SOUTH BOUND/NORTH BOUND
TANS	TOW A WAY NO STOPPING

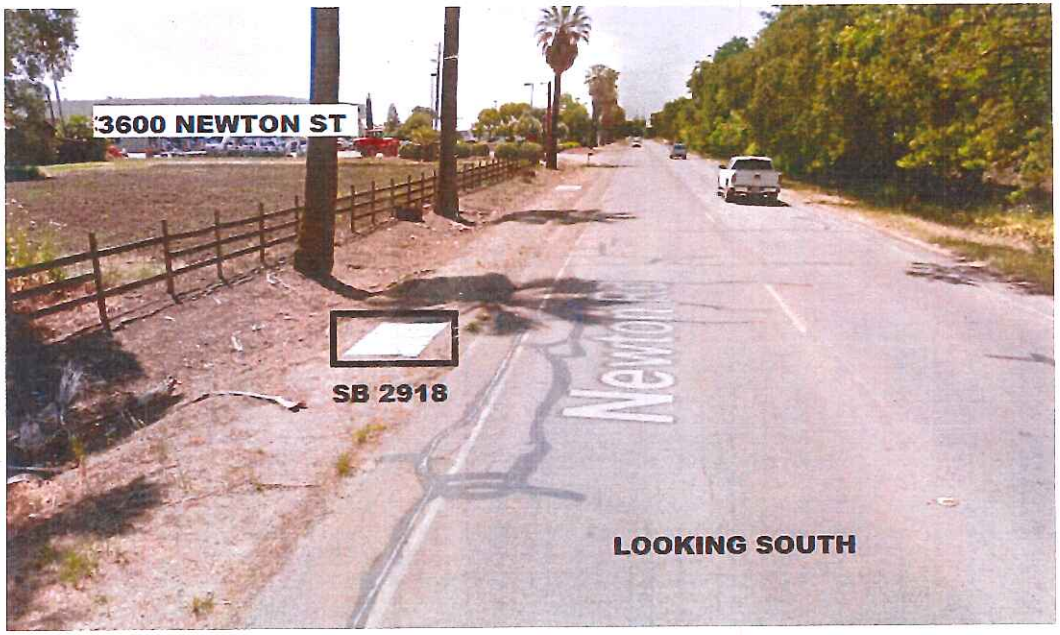
ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH (FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
45 MPH	360	540	270	180	50	45	90



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A Fujikura Business

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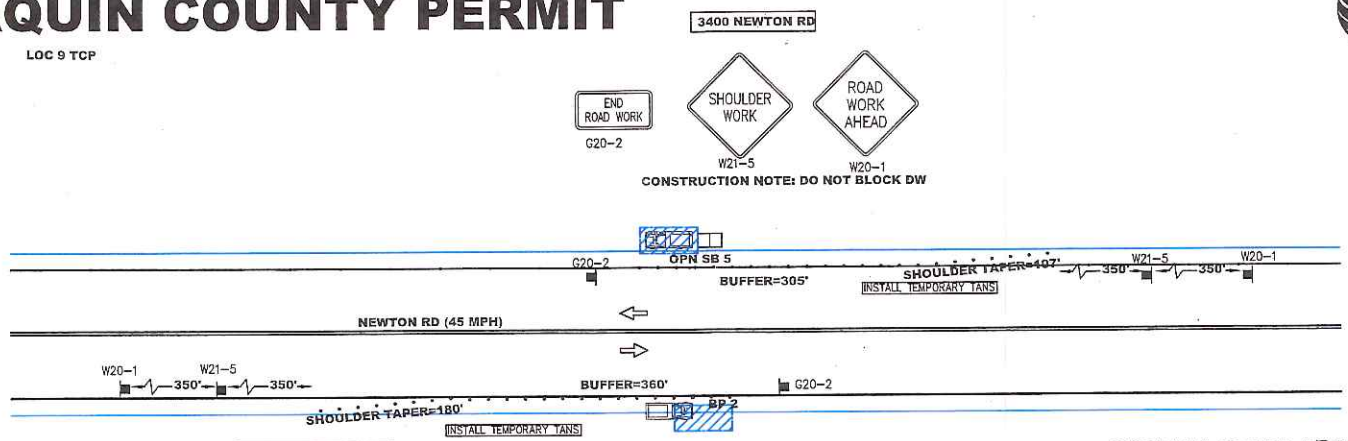
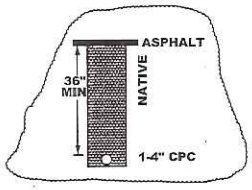
GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	**JOHN MCDOWELL (209-578-7155)**
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	9 OF 14

SAN JOAQUIN COUNTY PERMIT

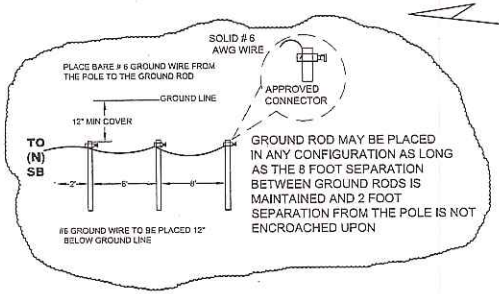
LOC 9 TCP

ISSUE	DATE
REV#0	06/2018

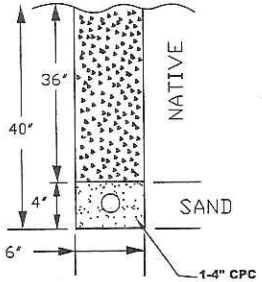




TYPICAL BORE CONFIGURATION



TRENCH CROSS SECTION



TCP LEGEND

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ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
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All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
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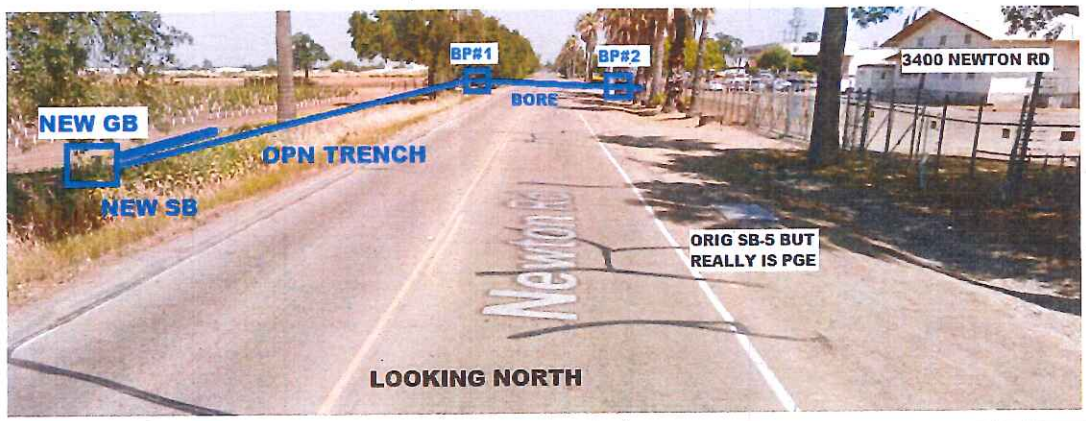

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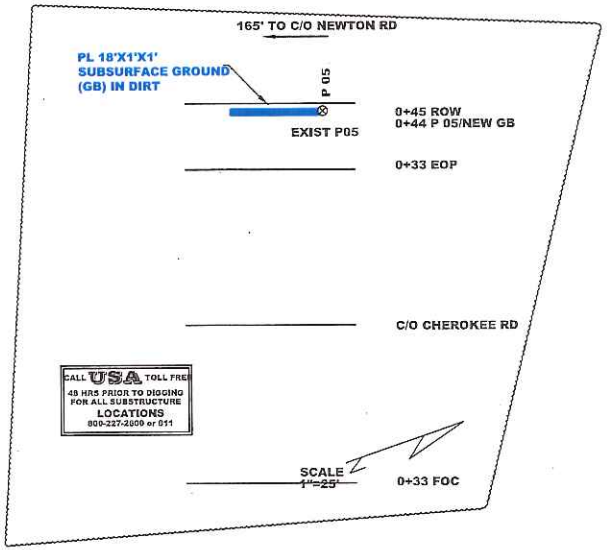
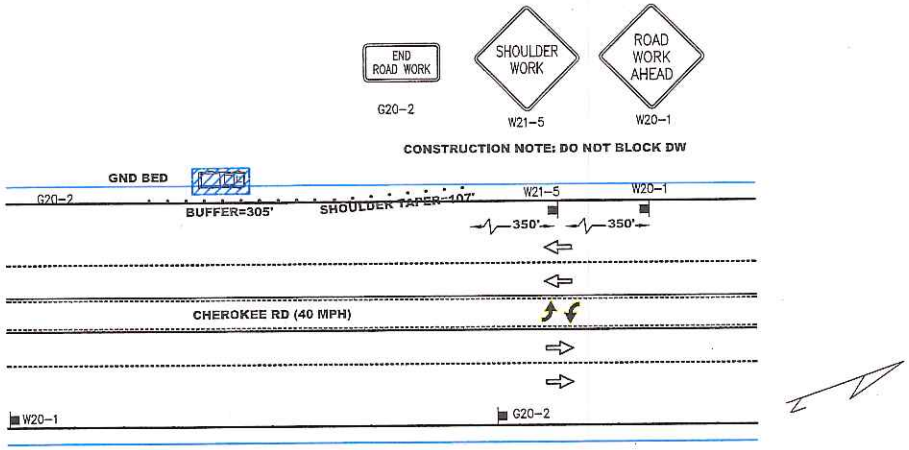
GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	11 OF 14

SAN JOAQUIN COUNTY PERMIT

ISSUE	DATE
REV#0	06/2018

LOC 10 PL GB





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ROAD TYPE	DISTANCE BETWEEN SIGNS		
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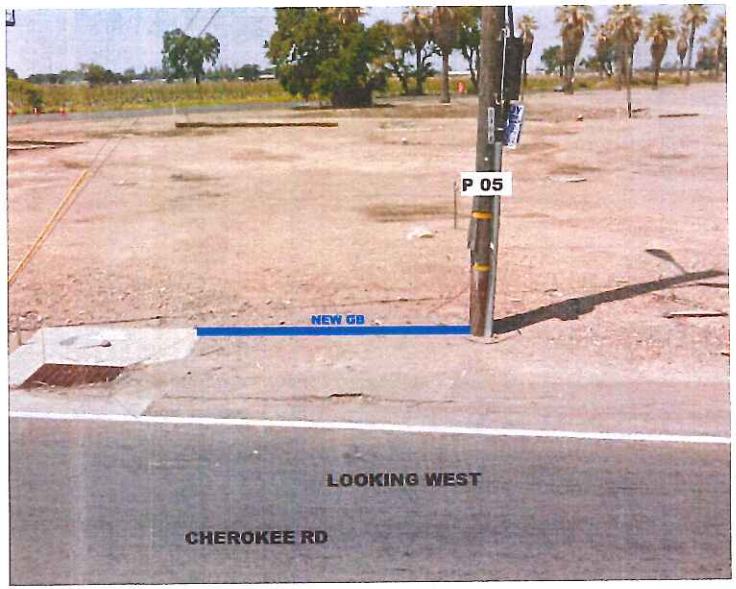


GENERAL TRAFFIC CONTROL NOTES

TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD) AND STATE STANDARD PLANS.

NO LANE CLOSURES PERMITTED BEFORE 9:00A AND AFTER 3:00P.

ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS SHALL BE GIVEN 72 HOURS NOTICE PRIOR TO THE START OF WORK AND THEIR ACCESS SHALL BE MAINTAINED AT ALL TIMES.

ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.

TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY A UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICES OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDEN, ARRANGEMENTS SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

AFL Network Services
A Fujikura Business

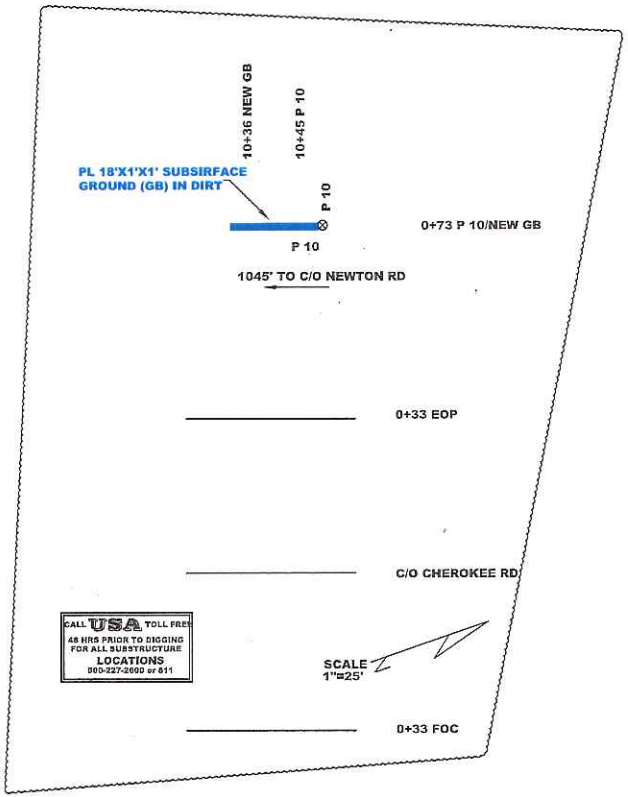
THIS WORK WAS DRAWN BY AFL NETWORK SERVICES UNDER CONTRACT TO AT&T. FOR QUESTIONS AND ASSISTANCE ON THIS JOB PLEASE CALL ENGINEER AS NOTED IN TITLE BOX.

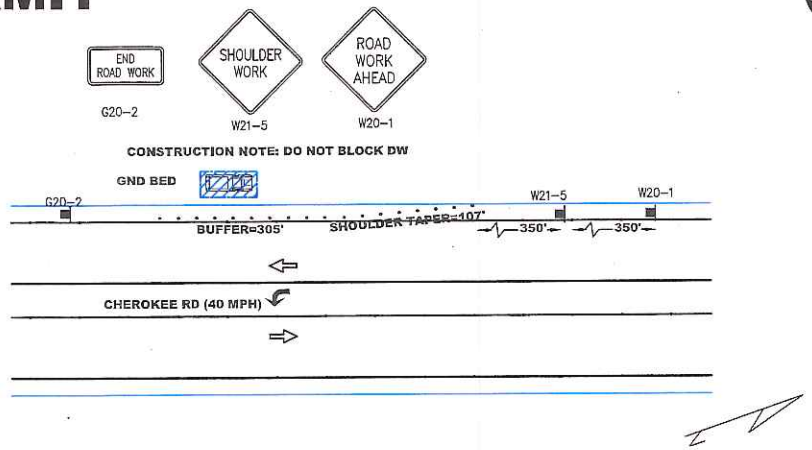
GEO/CO	UE73
EXCH.	STKNCA01
ENGR.	JOHN MCDOWELL (209-578-7155)
ENGR ARC	V0KDEEG00
TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	12 OF 14

SAN JOAQUIN COUNTY PERMIT

ISSUE	DATE
REV#0	06/2018

LOC 11 PL GB





ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
40 mph or more	350	350	350

All distances listed in feet

TRAFFIC CONTROL CHART

SPEED	BUFFER	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
		MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
40 MPH	305	320	160	107	50	40	80

TCP LEGEND

CONSTRUCTION: PROVIDE 3' (W) ADA RAMP USING PLYWOOD OR AVAILABLE COMMERCIAL PRODUCTS TO ASSURE CONTINUED PEDESTRIAN TRAFFIC FLOW AROUND/THROUGH WORK SITE.

TYPE III BARRICADE W/SIGN (5'H x 4'W)
SIGNALIZED
SPL BOX (3'X5')
MANHOLE
CHANNELIZING DEVICE
POLE
SIGN
FLAG TREE
FLAGGER
TANS TOW AWAY NO STOPPING ANY TIME
WORK ZONE LIMITS

BOC	BACK OF CURB
BOS	BACK OF CSW
C/L	CENTERLINE
C/O	CENTER OF (NO LINE)
CSW	SIDEWALK
DW	DRIVEWAY
ETW	EDGE OF TRAVELED WAY
FOC	FACE OF CURB
PS	PARKSTRIP
ROW	RIGHT OF WAY
SB/NB	SOUTH BOUND/NORTH BOUND
TANS	TOW A WAY NO STOPPING

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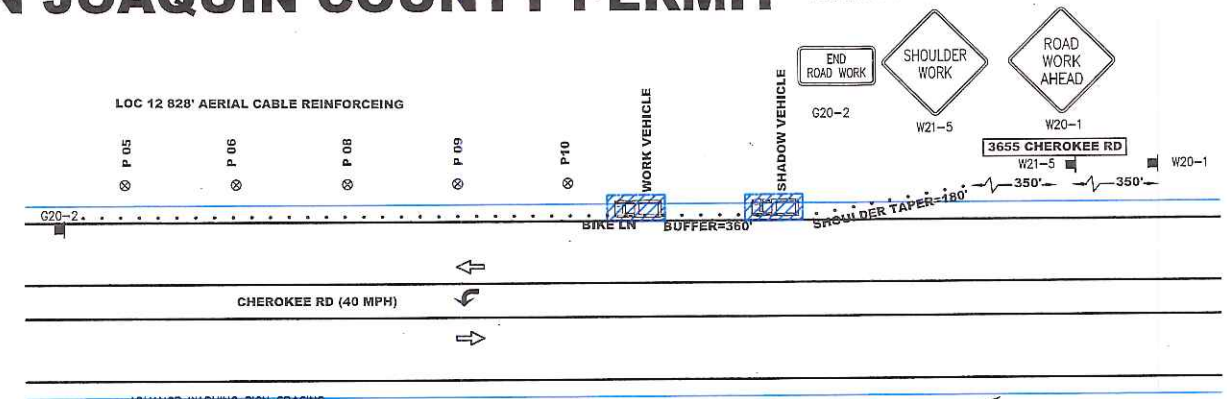
SAN JOAQUIN COUNTY PERMIT

CONSTRUCTION NOTE: DO NOT BLOCK DW

ISSUE	DATE
REV#0	06/2018



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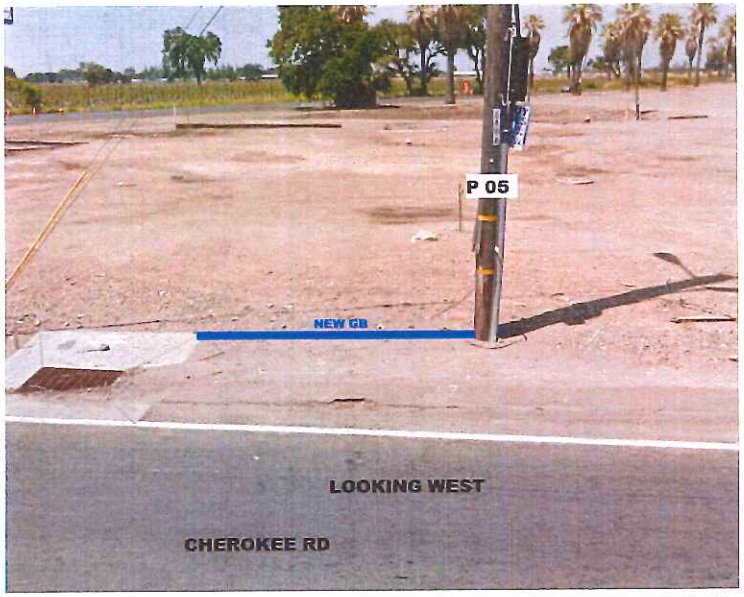

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TYPE OF CONST.	SAN JOAQUIN COUNTY PERMIT
JOB. NO.	A01BVKJ
DWG	14 OF 14

SPECIAL CONDITIONS FOR
ENCROACHMENT PERMIT

1. Place new Wilson Way pole on nearest parking divider/white stripe.

2. Maintain traffic controls for all roads. Traffic control delays shall not exceed 15 minutes. Two-way traffic shall be maintained during non-working hours with excavated areas backfilled or plated. During working hours, two-way traffic control shall be maintained with one lane open and appropriate flaggers.

3. Access to all properties shall be maintained at all times except when work is occurring at the access point. Minimal delays will be allowed to provide access within the work zone area. Driveway access shall be fully restored at the end of each workday. Driveways disturbed by the contractor shall be replaced with in-kind or better materials.

4. Residents and businesses shall be notified in writing, as approved by the County, 48 hours in advance of any impacts to their access.

5. Any areas where parking is to be restricted shall have signs noting the restrictions in place at least 48 hours in advance.

6. Existing fences shall not be removed without written consent of the property owner. Such consent shall be submitted to the County prior to the removal. Fences removed shall be restored with in-kind or better materials. Restored fences shall not encroach into County right-of-way.

7. Work shall not be permitted within the San Joaquin County right-of-way between November 1 and March 31 without prior authorization from the San Joaquin County Department of Public Works Field Engineering Division, contact them at 209-953-7421.

8. All destroyed or obliterated pavement markings must be replaced in kind by the permittee. Typical pavement markings include but not limited to lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers and miscellaneous delineators.

9. 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)

10. All pipe and pipeline related facilities including, but not limited to, valves, utility boxes and vaults, and frames and covers shall be maintained by AT&T, including any facilities that are abandoned in place. AT&T shall be responsible for any and all costs associated with the removal, relocation and/or adjustment of these facilities as determined by the County at AT&T's expense. (Streets and Highways Code Section 1463)

11. All future maintenance of the pipeline and related facilities within the County right-of-way will require a San Joaquin County Encroachment Permit.

12. Trenches shall be maintained in a smooth and even condition to the satisfaction of the County throughout the project limits at all times.

13. All trenches shall be completely backfilled or shored and plated at the end of each workday, and the roadway restored to two-way traffic. If plating is to be used, a trench shoring and plating plan suitable for traffic loadings shall be prepared by a registered civil engineer and submitted for prior approval by the County.

14. The contractor shall use San Joaquin County Improvement Standard R-29 when backfilling trenches within the County right-of-way. Where the existing road structural section is below standard, a minimum section of 3 inches of asphalt concrete over 8 inches of aggregate base shall be required.

15. Streets subject to pavement cuts shall receive a (1)-inch asphalt concrete overlay as per San Joaquin County Department of Public Works Improvement Standards Section 2-5.0 Trench Cut Policy. Shoulder areas shall be brought up to the finish grade as directed by the County.

16. Final paving for trench repair or road resurfacing shall be per Caltrans' specifications and shall not occur between November 1 and March 31, without prior authorization from the San Joaquin County Department of Public Works Field Engineering Division, contact them at 209-953-7421.

17. No paving joints are allowed within paved shoulder; contractor shall pave all the way to outer edge of paved shoulder.

18. Class II Aggregate Base shoulder backing is required from the edge of pavement, a minimum of 4-inches thick by 4-feet wide.

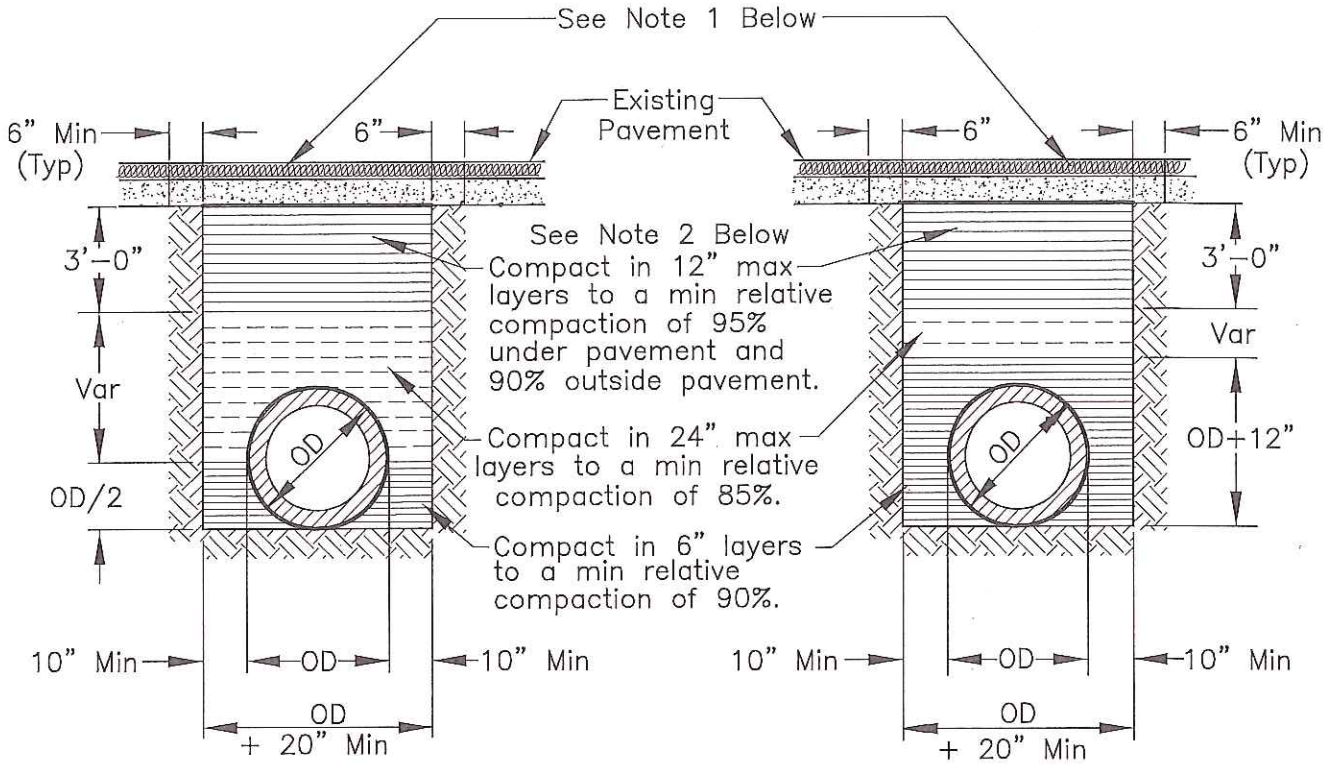
19. Contractor shall establish existing roadway and drainage grades within the construction area. Any repair to roadways and adjacent areas shall match existing grades. Any proposed grade changes shall receive prior approval from County.

20. Above ground vaults, panels and/or other similar facilities will be allowed within the right-of-way if located as far to the outside edge as possible. Utility vaults shall be located a minimum of 4'-0" from edge of pavement.

21. County roads shall be kept clean from mud and debris at all times along the access points and work zone areas during entire project. All standard roadway striping and signage shall be clearly visible, maintained and restored throughout the construction zone during and after the project.

22. In addition to standard dust control measures, streets shall be maintained in a clean condition, free of dirt, mud and debris during construction activities. The contractor shall provide daily, or as needed, street sweeping using a modern mechanical or vacuum-assisted street sweeper.

23. The contractor shall not conduct construction operations in rain or heavy fog conditions.



RIGID CONDUIT

FLEXIBLE CONDUIT

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.

Public Works San Joaquin County
Working for YOU

TYPICAL TRENCH BACKFILL

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: DEC 2014

Approved by: Thomas M. Flow

No.	Revision Description	Date

Std. Dwg. No. **R-29**

GENERAL PROVISIONS

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

PUBLIC CONVENIENCE AND SAFETY:

A. 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.
   1. 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.
   2. 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.
      a. The County of San Joaquin Public Works Department
      b. The County of San Joaquin Sheriff's Office
      c. The local postal service
      d. The local fire district
      e. The local school district
      f. The local residents involved

B. 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.

C. 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:

A. 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.
   1. For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASHTO Designation M 170M.
   2. For concrete pipe thirty-six inches (36") inside diameter and larger, reinforced concrete pipe conforming to AASHTO Designation M 170M Class III.
   3. Plastic pipe conforming to AASHTO Designation M294.

B. 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.

C. 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.

D. 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.

E. 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 installed.

F. 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:

A. All excavations shall be backfilled and compacted immediately after work therein has been completed.

B. 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.

C. 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.

D. 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.

E. No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided.

F. 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 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 depth of the lift.

G. All pavements, 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.

H. 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.
   1. 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.
   2. 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.

I. 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).
   1. If necessary, County road traveled way and driveway pavements shall be washed with water to remove dirt and dust.
   2. Driveway approaches and field entrance pavements damaged by equipment or spoil banks shall be repaired as directed by the Engineer.

J. 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. **SUPERVISION:** 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. **CLEAN PAVEMENT:** 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.