



# 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-1902370  
Date Issued: 07/16/2019  
Start Date: 07/30/2019  
Exp. Date: 10/01/2019  
Project No: PWP730079  
Quad:

UE/CR/PM NO:A01M2EM

## ENCROACHMENT PERMIT

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

### Encroachment Type:

Traffic Control Devices			
-------------------------	--	--	--

### Location:

W/S VAN ALLEN RD 125' N/O HWY120

In compliance with your request of 07/16/2019, 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:

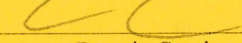
Traffic Control Per MUTCD\*\*\*\*\*See Attached "Special Conditions"\*\*\*\*\*

FORMS: SS/WW

Est. Permit Fee: \$490.00

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

KRIS BALAJI, Director  
Department of Public Works

By:   
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:

Date 6/17/2019

To: San Joaquin County  
Department of Public Works

AT&T / VCC PERMITS DESK  
(Applicant Name)

5555 E. Olive Ave  
(Mailing Address)

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

(559) 454-4900 g26977@att.com  
(Area Code - Telephone Number)

## OFFICE USE ONLY

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

Sketch (Detailed plans may be submitted)

TRAFFIC CONTROL PLAN FOR SHOULDER CLOSURE ON THE WEST SIDE OF 18048 S VAN ALLEN RD, REQUIRED TO PARK A WORK VEHICLE AT THE ROADWAY SHOULDER TO ACCESS AT&T BARREL VAULT, BV 1, LOCATED ON THE DIRT SHOULDER, FOR SPLICING WORK. SEE ATTACHED DRAWINGS FOR AT&T JOB A01M2EM.

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the WEST side of S VAN ALLEN approximately 125' (feet) mile NORTH of ROUTE 120, by performing the following work (description of work):  
TRAFFIC CONTROL PLAN TO ACCESS AT&T BV 1, AS DESCRIBED ABOVE.

Work will commence on or about 9/3/2018- 7/30/2019 for approximately 1 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  
Signature of Applicant - Title AT+T - Administrator 6-17-2019  
Date

WORK LOCATION: ACROSS FROM 21051 CA-120,  
ESCALON (SAN JOAQUIN COUNTY), CA 95320

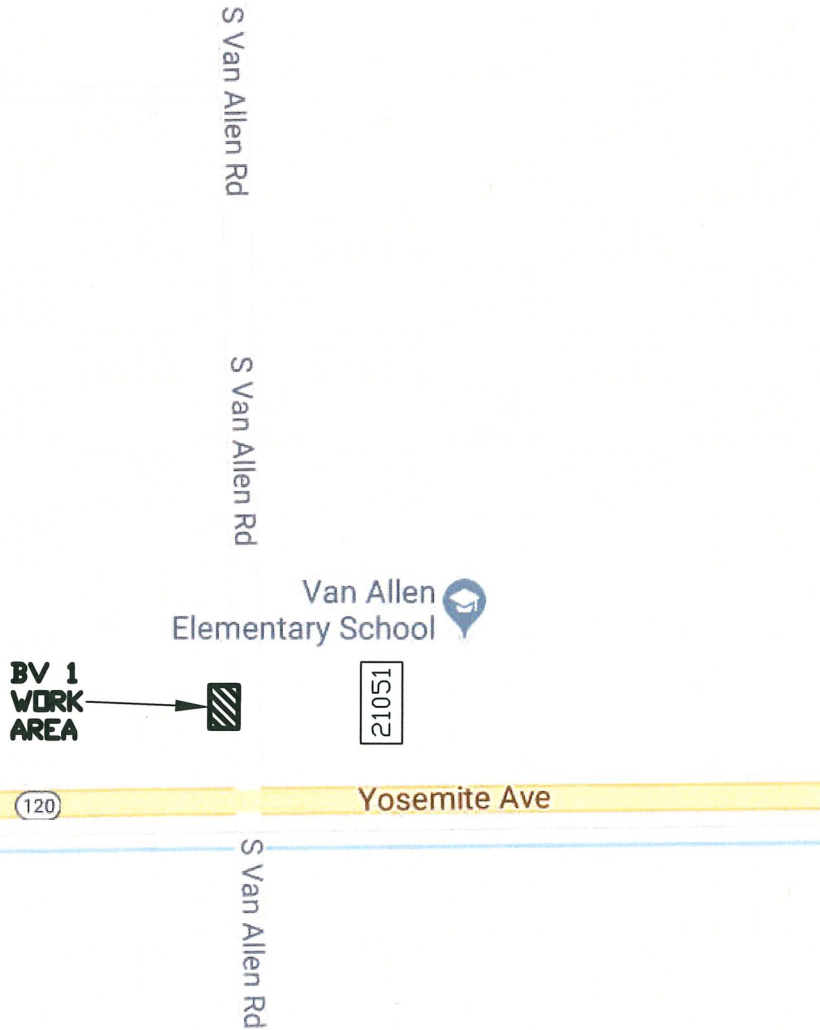


ISSUE	DATE
1	6/2019

SCOPE OF WORK:

THIS TRAFFIC CONTROL PLAN IS FOR THE FOLLOWING  
ROAD ENCROACHMENTS IN SAN JOAQUIN COUNTY RIGHT OF WAY:

SHOULDER CLOSURE ON THE WEST SIDE OF S VAN ALLEN RD, REQUIRED  
TO PARK A WORK VEHICLE AT THE ROADWAY SHOULDER TO ACCESS AN  
AT&T BARREL VAULT, BV 1, LOCATED ON THE DIRT SHOULDER, FOR  
SPlicing WORK.



-TABLE 6C-2 2019 CALIFORNIA MUTCD-  
-STOPPING SIGHT DISTANCE  
AS A FUNCTION OF SPEED-

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

\* POSTED SPEED, OFF-PEAK  
85TH-PERCENTILE SPEED  
PRIOR TO WORK STARTING OR THE  
ANTICIPATED OPERATING SPEED

-TABLE 6C-3 2019 CALIFORNIA MUTCD-  
-TAPER LENGTH CRITERIA FOR  
TEMPORARY TRAFFIC CONTROL ZONE-

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE, TWO-WAY TRAFFIC TAPER	30 M (100FT) MAXIMUM
DOWNSTREAM TAPER	30 M (100FT) PER LANE

-TABLE 6C-4 2019 CALIFORNIA MUTCD-  
-FORMULAS FOR DETERMINING TAPER LENGTH-

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR MORE	$L = WS$

WHERE: L= TAPER LENGTH IN METERS (FEET)  
W= WIDTH OF OFFSET IN METERS (FEET)  
S= POSTED SPEED LIMIT, OR OFF-PEAK  
85TH-PERCENTILE SPEED PRIOR TO WORK  
STARTING, OR THE ANTICIPATED OPERATING  
SPEED IN KM/H (MPH)

-TABLE 6C-1 2019 CALIFORNIA MUTCD-  
-SUGGESTED MINIMUM ADVANCE WARNING SIGN SPACING-

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN (LOW SPEED)*25 MPH OR LESS	100 FEET	100 FEET	100 FEET
URBAN (HIGH SPEED)*MORE THAN 25 MPH TO 40 MPH	250 FEET	250 FEET	250 FEET
URBAN (HIGH SPEED)*MORE THAN 40 MPH	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1000 FEET	1000 FEET	1000 FEET

\*\* THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS  
SHOWN IN FIGURES 6H-1 THROUGH 6H-46. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR  
POINT OF ORIENTATION TO FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND  
SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGN. (THE THIRD SIGN IS THE  
FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TTC ZONE.)

LEGEND:

	TYPE III BARRICADE W/SIGN (5'H x 4'W)		HIGH LEVEL WARNING DEVICE WITH SIGN (FLAGTREE)
	TYPE II BARRICADE W/O SIGN (3'H x 2'W)		FLAGGER
	28''(11cm) TRAFFIC CONES W/13''(5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY		TOW AWAY NO STOPPING ____ TO ____ (SHOW HOURS)
	TRAFFIC CONE WITH CLIP ON SIGN		TOW AWAY NO STOPPING ANY TIME
	PROPOSED SIGN AND POST		WORK ZONE LIMITS
	SIGNALIZED INTERSECTION		DIRECTION OF TRAFFIC
	FLASHING ARROWBOARD		RIGHT OF WAY
			EDGE OF PAVEMENT

GENERAL REQUIREMENTS:

1. ALL TRAFFIC CONTROL ELEMENTS SHALL COMPLY WITH THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), LATEST EDITION.
2. TRAFFIC CONTROL ELEMENTS SHOWN ON THE PLAN ARE SCHEMATIC; TRAFFIC CONTROL ELEMENTS SHALL BE PLACED IN VISIBLE LOCATIONS WITH SPACING NO LESS THE DIMENSIONS SHOWN ON THE PLAN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND DOCUMENTING THE INSTALLATION OF TRAFFIC CONTROL ELEMENTS AT ALL TIMES. TRAFFIC CONTROL TO REMAIN IN PLACE OVERNIGHT SHALL BE LIGHTED OR REFLECTIVE AS REQUIRED BY THE CA-MUTCD.
4. DEVIATIONS FROM THE PLAN SHALL BE DOCUMENTED BY THE CONTRACTOR AND SUBMITTED TO THE RESIDENT ENGINEER OR ENGINEER OF RECORD.
5. TRAFFIC CONTROL IS DESIGNED FOR A POSTED SPEED OF 45 M.P.H.. CONE SPACING SHALL BE NO MORE THAN 25 FEET ON TAPERS AND 50 FEET ON TANGENTS.
6. CONTRACTOR SHALL NOTIFY ALL EMERGENCY RESPONDERS, PUBLIC TRANSPORTATION PROVIDERS, AND THE CITY REPRESENTATIVES NO LESS THAN 48 HOURS PRIOR TO INSTALLATION OF TRAFFIC CONTROL.
7. CONES SHALL BE NO LESS THAN 28" TALL.

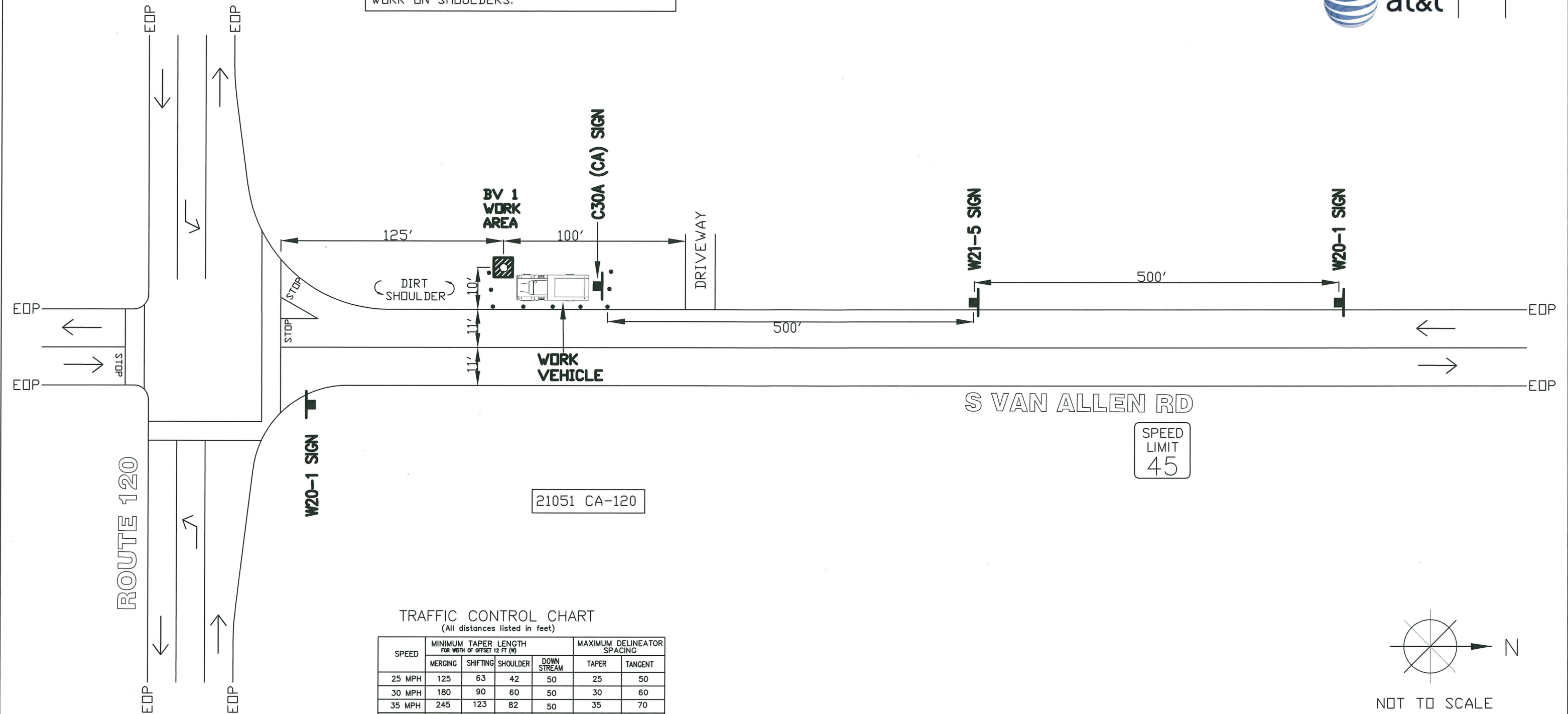


THIS JOB WAS ENGINEERED AND DRAWN BY AFL NETWORK SERVICES  
UNDER CONTRACT TO AT&T. FOR QUESTIONS AND ASSISTANCE ON THIS  
JOB PLEASE CALL ENGINEER AS NOTED IN TITLE BOX.

CONST ARC	COMP
GEO/CD	UG18
EXCH	ESCLCA11
ENGR D.SNEED	TEL (559)739-6646
ENGR ARC	VOKDEEG00
TYPE OF CONST	TRAFFIC CONTROL PLAN
RD/EST NO	A01M2EM
DWG 1	OF 2 P504



TCP SETUP BASED ON CA 2019 MUTCD TA-3,  
WORK ON SHOULDERS.



TRAFFIC CONTROL CHART  
(All distances listed in feet)

SPEED	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12 FT (W)				MAXIMUM DELINEATOR SPACING	
	MERGING	SHIFTING	SHOULDER	DOWN STREAM	TAPER	TANGENT
25 MPH	125	63	42	50	25	50
30 MPH	180	90	60	50	30	60
35 MPH	245	123	82	50	35	70
40 MPH	320	160	107	50	40	80
45 MPH	540	270	180	50	45	90
50 MPH	600	300	200	50	50	100
55 MPH	660	330	220	50	50	100

TABLE 6H-3. RECOMMENDED 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 25 MPH OR LESS	100	100	100	
URBAN - MORE THAN 25 MPH TO 40	250	250	250	
URBAN MORE THAN 40 MPH	350	350	350	
RURAL	500	500	500	
EXPWY/FREEWAY	1000	1500	2640	

THIS DWG.

THIS DWG.



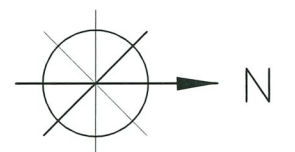
W20-1



W21-5



C30A (CA)



NOT TO SCALE

CONST ARC	COMP
GEO/CO	UG18
EXCH	ESCLCA11
ENGR D.SNEED	TEL (559)739-6646
ENGR ARC	VOKDEEG00
TYPE OF CONST TRAFFIC CONTROL PLAN	
RD/EST NO	A01M2EM
DWG	2 OF 2 P504