

County of Riverside

Transportation Department
State of California



Charissa Leach, P.E.
Assistant CEO/TLMA Director



Mark Lancaster, P.E.
Director of Transportation

ENC _____

Date: 2/16/23

Application for Encroachment Permit

The undersigned hereby applies for a permit to excavate, construct and otherwise encroach on Riverside County road right of way as follows:

(Description of work and installation to be maintained – attach and refer to maps or other documents):

Flock Safety proposes Case 267088: install 8 automatic license plate reading (ALPR) security cameras for the Spencer's Crossing group, within the County's right of way. Please note: these cameras do not require an electrical/utility connection, and we observe the standard call 811 utility locate protocol before any excavation.

Name(s) of road(s) and specific location: **PLEASE REFER TO THE ATTACHED PLANS FOR SITE PLANS & COORDINATES**

(Applicant will state here, accurately, the location of work to be performed, giving County road, route, section, and engineer's stations, if possible.)

In consideration of the granting of this application, the applicant hereby agrees to:

1. Indemnify, defend and save the County, its authorized agents, officers, representatives and employees, harmless from and against any and all penalties, liabilities or loss resulting from claims or court action and arising out of any accident, loss or damage to persons or property happening or occurring as a proximate result of any work undertaken under the permit granted pursuant to this application.
2. Remove or relocate an encroachment installed or maintained under this permit, upon written notice from the Director of Transportation.
3. Notify the Director of Transportation in writing at least 48 hours in advance of the time when work will be started, and upon completion of the work, immediately notify the Director of Transportation in writing of such completion.
4. Comply with Ordinance No. 499, any amendments thereto, the terms and conditions of the permit, and all applicable rules and regulations of the County of Riverside and other public agencies having jurisdiction.
5. The permittee shall accept full responsibility for complying with Federal, State and County environmental laws receiving any necessary environmental clearances and/or permits, prior to commencing any work as authorized by this permit.

Applicant/Owner: DANNY CAMPOS
(Please Print)

Authorized Signature: *Daniel Campos*

Mailing Address: 1170 HOWELL MILL RD, #210
ATLANTA, GA 30318

Agent: CHRIS SCHILLER

Agent Phone #: 949-291-4861

FOR USE BY TRANSPORTATION DEPARTMENT:

Processing Fee _____
Inspection Fee _____
Total _____
Receipt Number _____
Security Deposit _____
Receipt Number _____

STATE OF CALIFORNIA
COUNTY OF RIVERSIDE
SUBMITTED BY SPENCER'S CROSSING
AUTOMATIC LICENSE PLATE READING
(ALPR) CAMERAS PERMIT

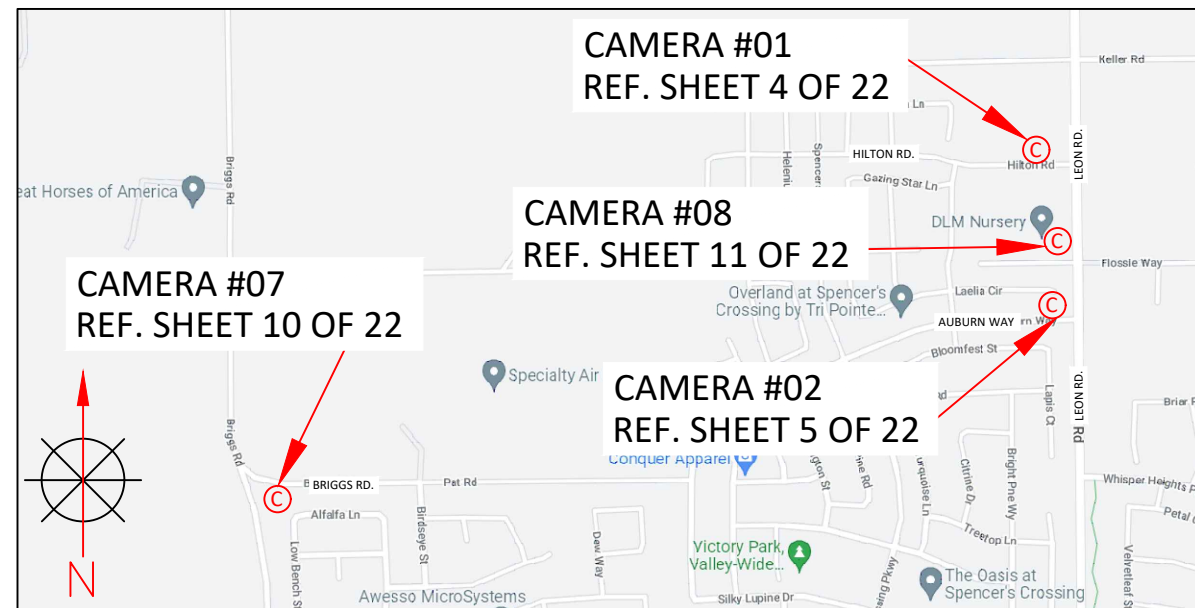
flock safety

INDEX OF DRAWINGS

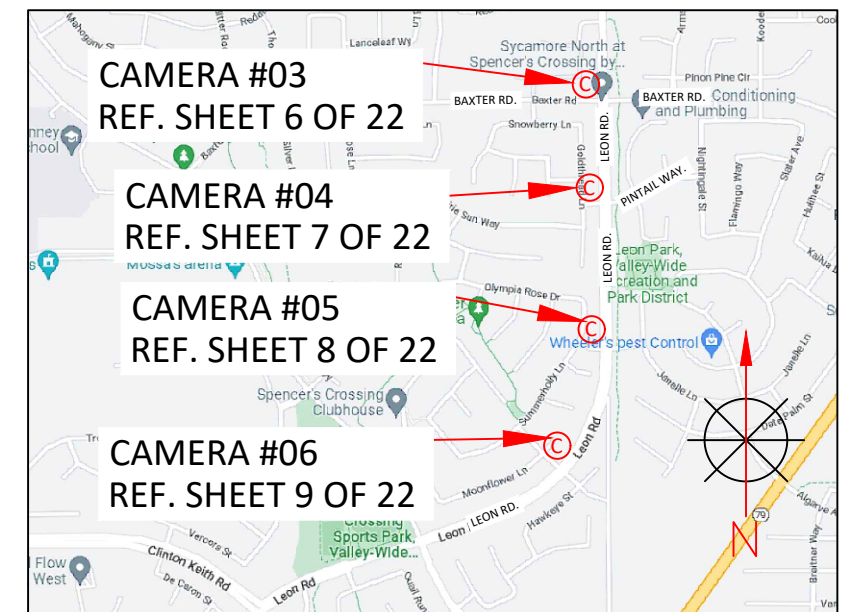
- SHEET 1: COVER SHEET & CAMERA LOCATION MAP
- SHEET 2: GENERAL NOTES AND TRAFFIC DESIGN TABLES
- SHEET 3: CAMERA LOCATION INFORMATION
- SHEET 4-11: SITE PLAN
- SHEET 12-20: TRAFFIC CONTROL PLAN
- SHEET 21-22: POLE DETAILS

LOCATION / VICINITY MAP

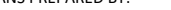
MAP 01



MAP 02



flock safety

REV	DESCRIPTION	DATE	BY	TITLE:	PLANS PREPARED BY:	PROJ#:
				COVER SHEET AND CAMERA LOCATION MAP	 A CONGRUEX* COMPANY 9095 Rio San Diego Dr. Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	267088
				SCOPE OF WORK:		DRAWN BY: SMIT RAJ
				COUNTY OF RIVERSIDE, CA		CHECKED BY: RAMAN DEEP SINGH
				ALPR CAMERA INSTALLATION		APPROVED BY: DANIEL CAMPOS
						DATE: 01/24/2023 SHEET: 1 OF 22

GENERAL NOTES AND TRAFFIC DESIGN TABLES

1. TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (FHWA) AND STATE STANDARD PLANS.
2. NO LANE CLOSURES PERMITTED BEFORE 9:00AM AND AFTER 3:00PM.
3. ALL AFFECTED RESIDENTS, BUSINESSES, AGENCIES, AND SCHOOLS SHALL BE GIVEN A 72 HOURS NOTICE PRIOR TO THE START OF WORK AND THEIR ACCESS SHALL BE MAINTAINED AT ALL TIMES.
4. TEMPORARY NO PARKING SIGNS SHALL BE POSTED 48 HOURS PRIOR TO START OF WORK.
5. ALL CONFLICTING SIGNS, STRIPING OR PAVEMENT MARKINGS SHALL BE COVERED OR REMOVED AND REPLACED WHEN WORK IS COMPLETED.
6. TRAFFIC DIRECTION THROUGH A SIGNALIZED INTERSECTION SHALL BE CONDUCTED BY COUNTY OF RIVERSIDE POLICE DEPARTMENT UNIFORMED POLICE OFFICER OR A COMMUNITY SERVICE OFFICER ONLY. SHOULD WORK REQUIRE A SIGNAL TO BE OVERRIDDEN, ARRANGEMENT SHALL BE MADE WITH THE CITY POLICE DEPT AND TRANSPORTATION ENGINEERING DEPT AT LEAST 14 DAYS PRIOR TO START OF WORK.

–TABLE 6C–1 2014 CALIFORNIA MUTCD–
–RECOMMENDED ADVANCE WARNING SIGN SPACING–

ROAD TYPE	DISTANCE BETWEEN SIGNS **		
	A	B	C
URBAN – 25 MPH OR LESS ***	100 FEET	100 FEET	100 FEET
URBAN – MORE THAN 25 MPH TO 40 MPH***	250 FEET	250 FEET	250 FEET
URBAN – MORE 40 MPH***	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1000 FEET	1500 FEET	2640 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 restriction to the 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 "first sign" is the sign in a three–sign series that is closest to ttc zone. The "third sign" is the sign that is furthest upstream from the ttc zone.)

*** Posted speed limit, off–peak 85th–percentile speed prior to work starting, or other anticipated operating speed in mph

– TABLE 6C–2 2014 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 2014 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 2014 CALIFORNIA MUTCD–
– FORMULAS FOR DETERMINING TAPER LENGTH–

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L= taper length in feet

W= width of offset in feet

S= posted speed limit, or off–peak

85th–percentile speed prior to work starting, or the
anticipated operating speed in km/h (mph)

MINIMUM RECOMMENDED CHANNELIZING DEVICE AND SIGN SPACING							
SPEED (S)	DIMENSION A SIGN SPACING	DIMENSION B MERGING TAPER (L)	DIMENSION C SHIFTING TAPER (L/2)	DIMENSION D SHOULDER TAPER (L/3)	DIMENSION E BUFFER SPACE	MAXIMUM CHANNELIZER SPACING IN TAPER	MAXIMUM CHANNELIZER SPACING IN TANGENT
MPH	FT	FT	FT	FT	FT	FT	FT
25	100	125	65	42	158	25	50
30	250	180	90	60	205	30	60
35	250	245	125	82	257	35	70
40	250	320	160	107	315	40	80
45	350	540	270	180	378	45	90
50	350	600	300	200	446	50	100
55	500	660	330	220	520	50	100
60	500	720	360	240	598	50	100
65	500	780	390	260	682	50	100
70	500	840	420	280	771	50	100
*TAPER LENGTHS LISTED ARE VALID FOR 12' OFFSET OR LESS.							

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REV	DESCRIPTION	DATE	BY

TITLE:	GENERAL NOTES AND TRAFFIC DESIGN TABLES
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC

A CONGRUEX* COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

CHECKED BY: RAMAN DEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023 SHEET: 2 OF 22

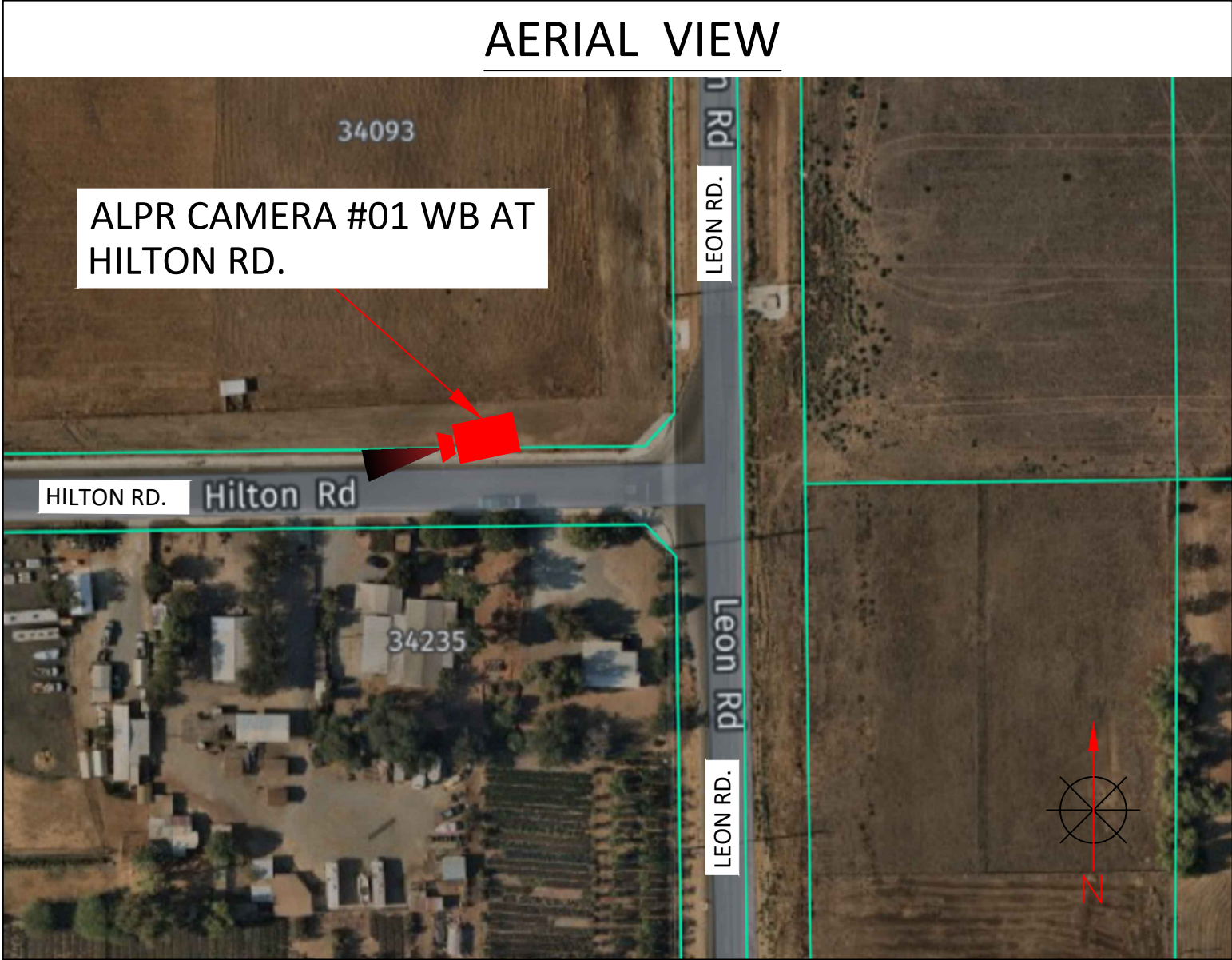
CAMERA LOCATION INFORMATION

CAMERA NO.	LOCATIONS			
	STREET	DIRECTION	LATITUDE, LONGITUDE	POLE
01	HILTON RD.	WESTBOUND	33.625301187309695, -117.11956674797227	EX. LIGHT POLE
02	AUBURN WAY	WESTBOUND	33.6225597855143, -117.11907848016006	NEW FLOCK POLE
03	BAXTER RD.	WESTBOUND	33.612619849675077, -117.11901568939442	NEW FLOCK POLE
04	CROCUS DR.	WESTBOUND	33.61019048720577, -117.11902335378754	NEW FLOCK POLE
05	BUSH CLOVER WY.	WESTBOUND	37.77429777832243, -121.5174998996272	NEW FLOCK POLE
06	PENNY CRESS LN.	NORTHBOUND	37.77429777832243, -121.5174998996272	NEW FLOCK POLE
07	BRIGGS RD.	EASTBOUND	37.77429777832243, -121.5174998996272	EX. LIGHT POLE
08	FLOSSIE WAY	WESTBOUND	37.77429777832243, -121.5174998996272	NEW FLOCK POLE

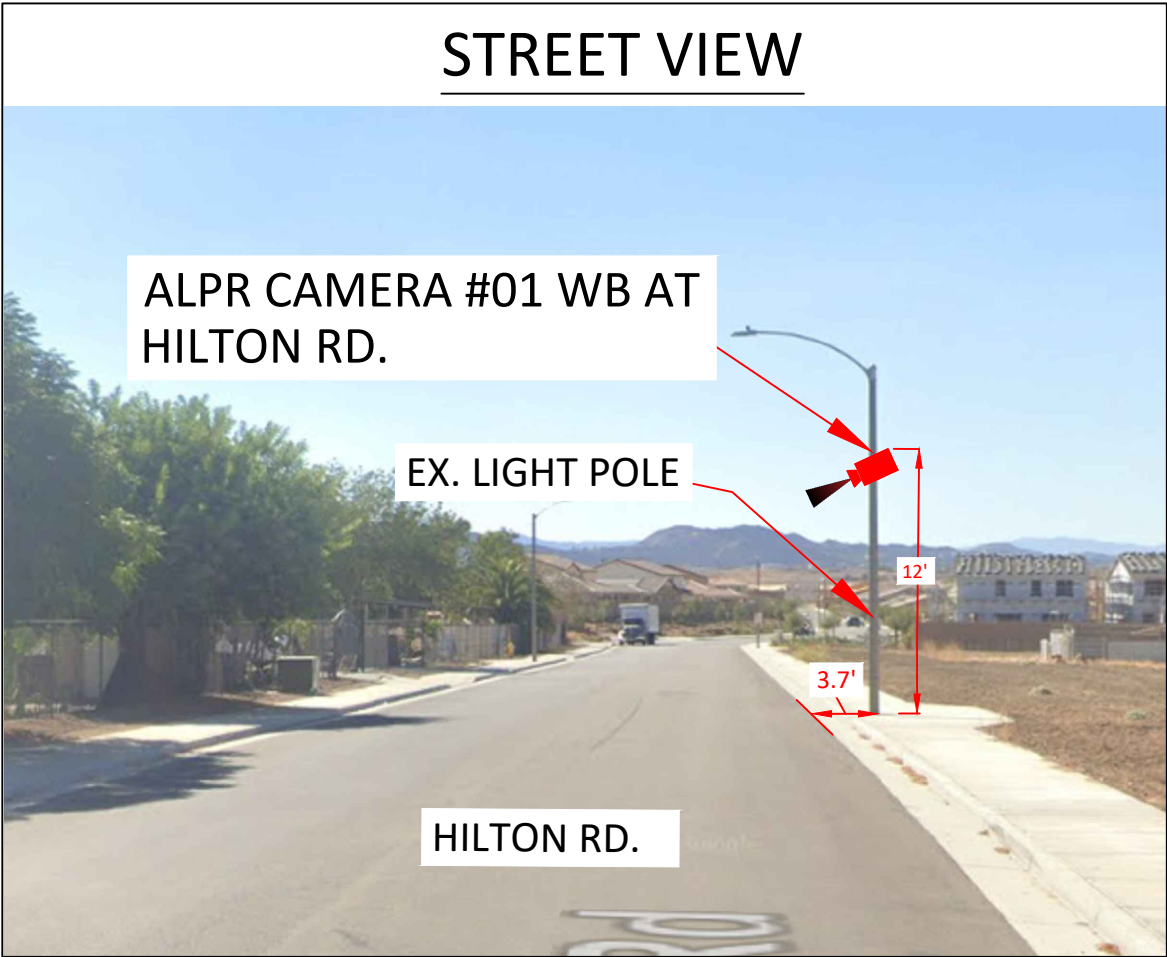
SITE ADDRESS:
34235 LEON RD., WINCHESTER, CA 92596 USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC

A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

CHECKED BY: RAMAN DEEP SINGH

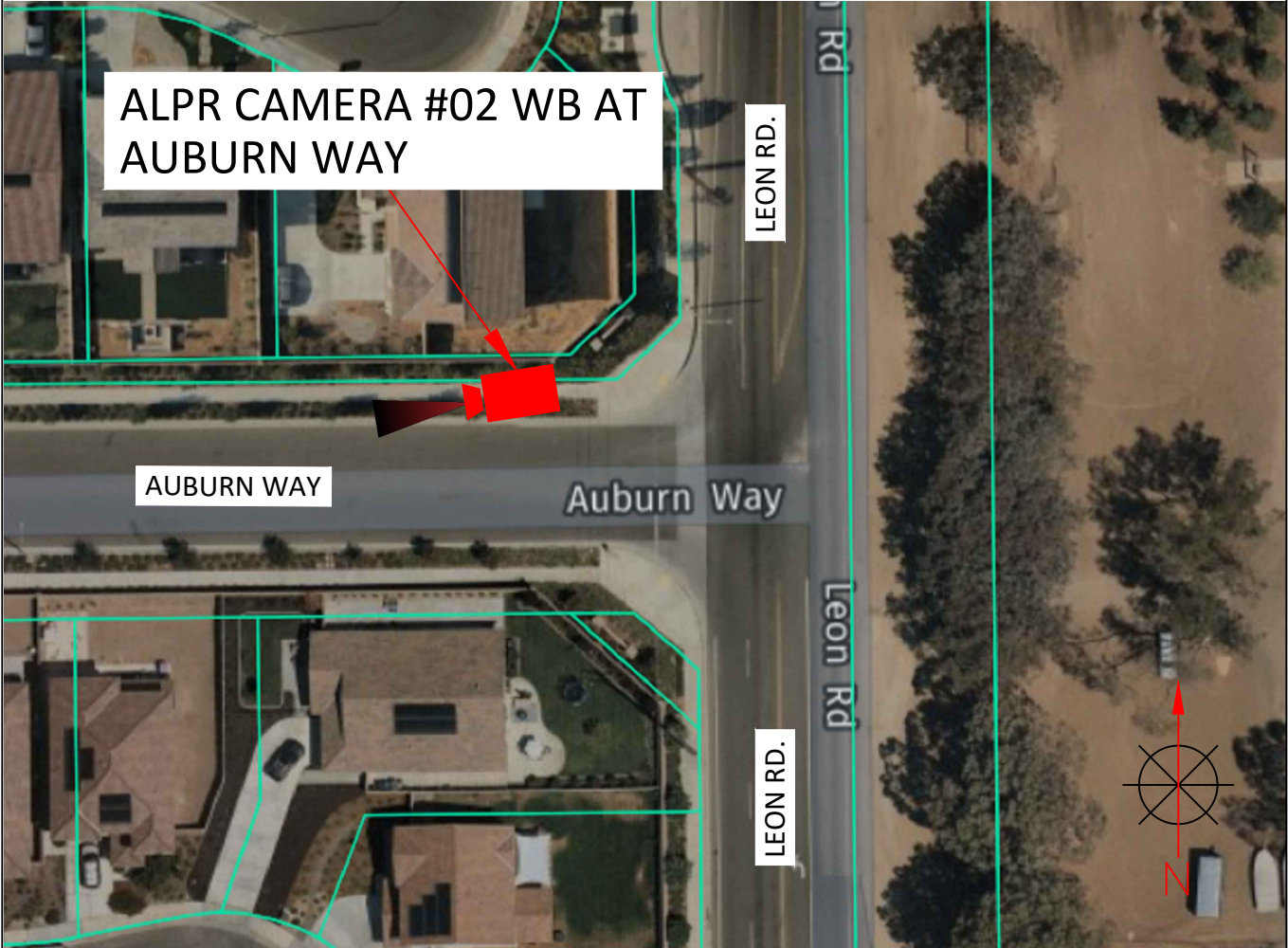
APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023 SHEET: 4 OF 22

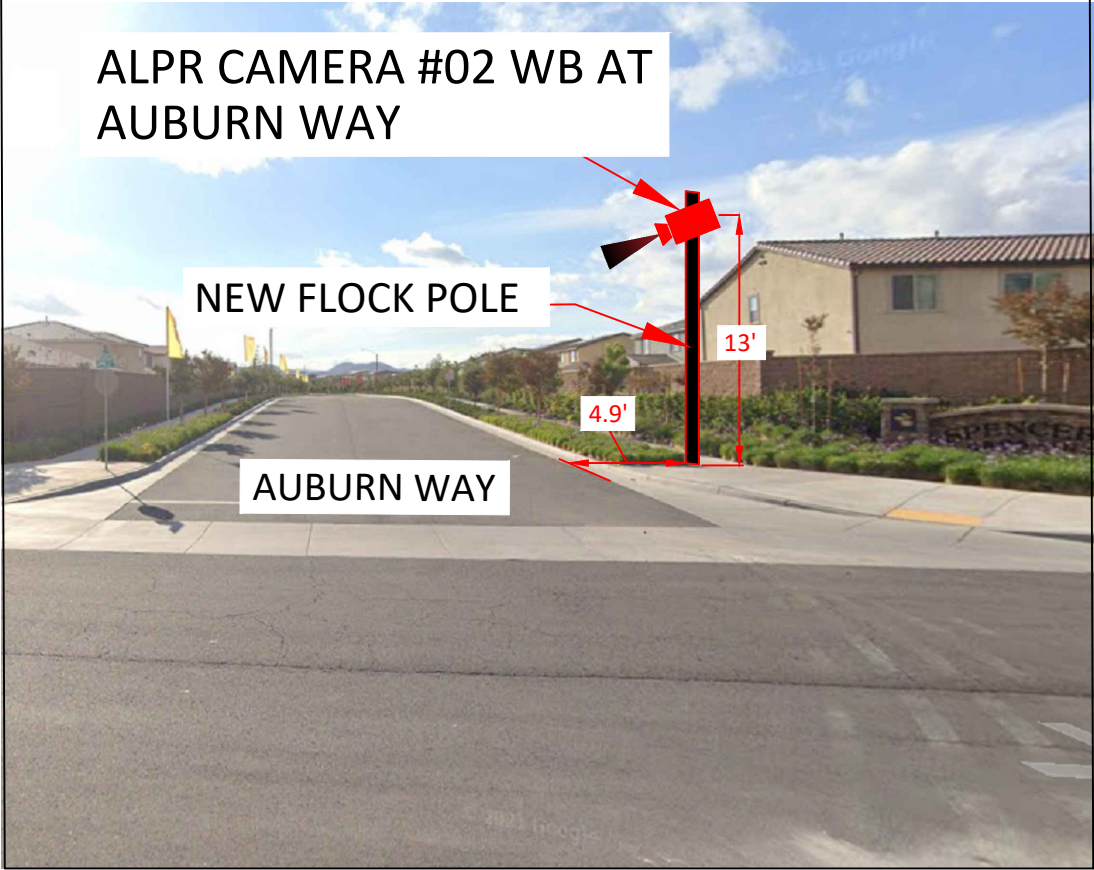
SITE ADDRESS:
30965 LAELIA CIR., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

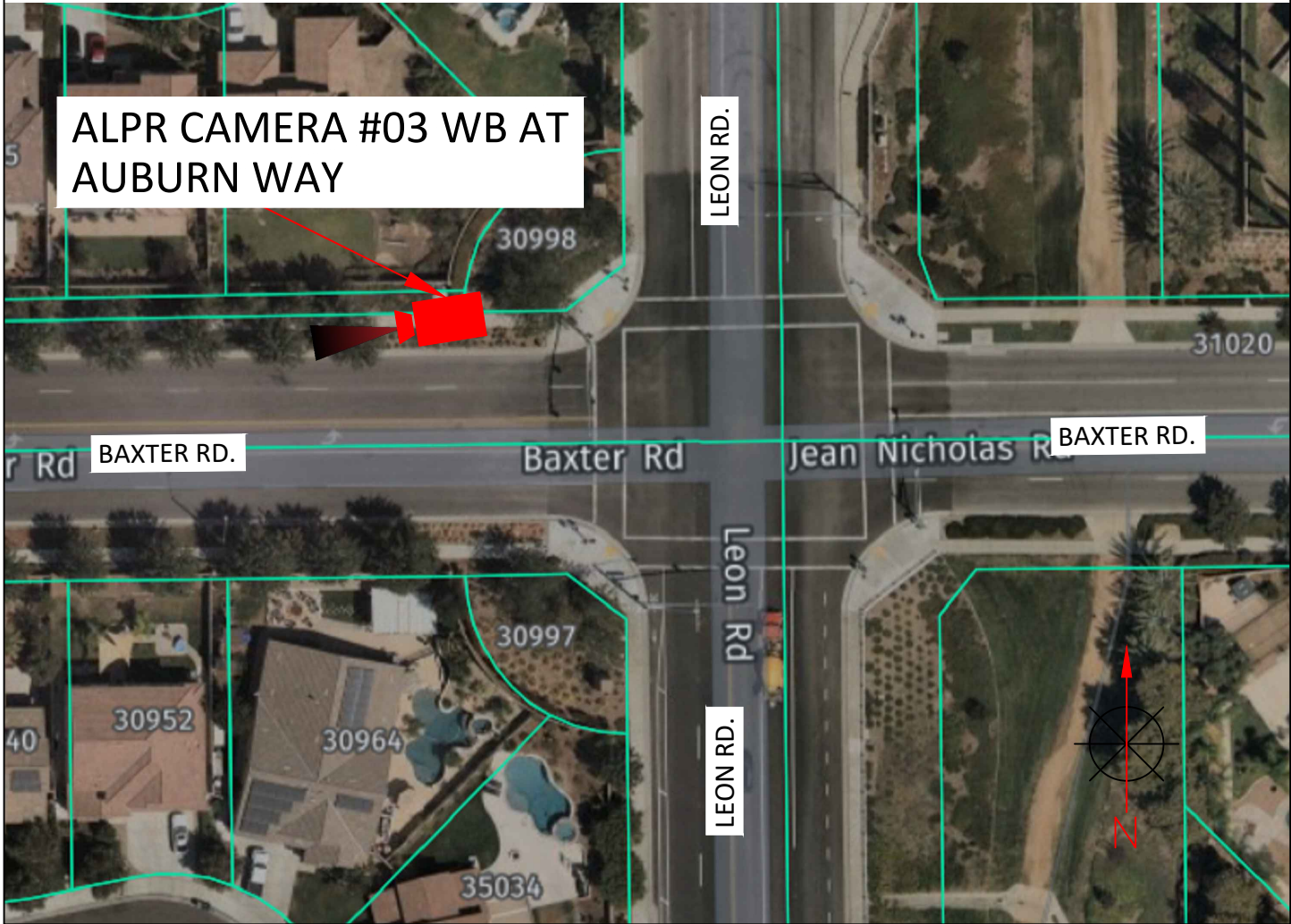
PLANS PREPARED BY:
CHC
A CONGRUEX* COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	267088
DRAWN BY:	SMIT RAJ
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	01/24/2023
SHEET:	5 OF 22

SITE ADDRESS:
30998 BAXTER RD., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC

A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

CHECKED BY: RAMAN DEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023

SHEET: 6 OF 22

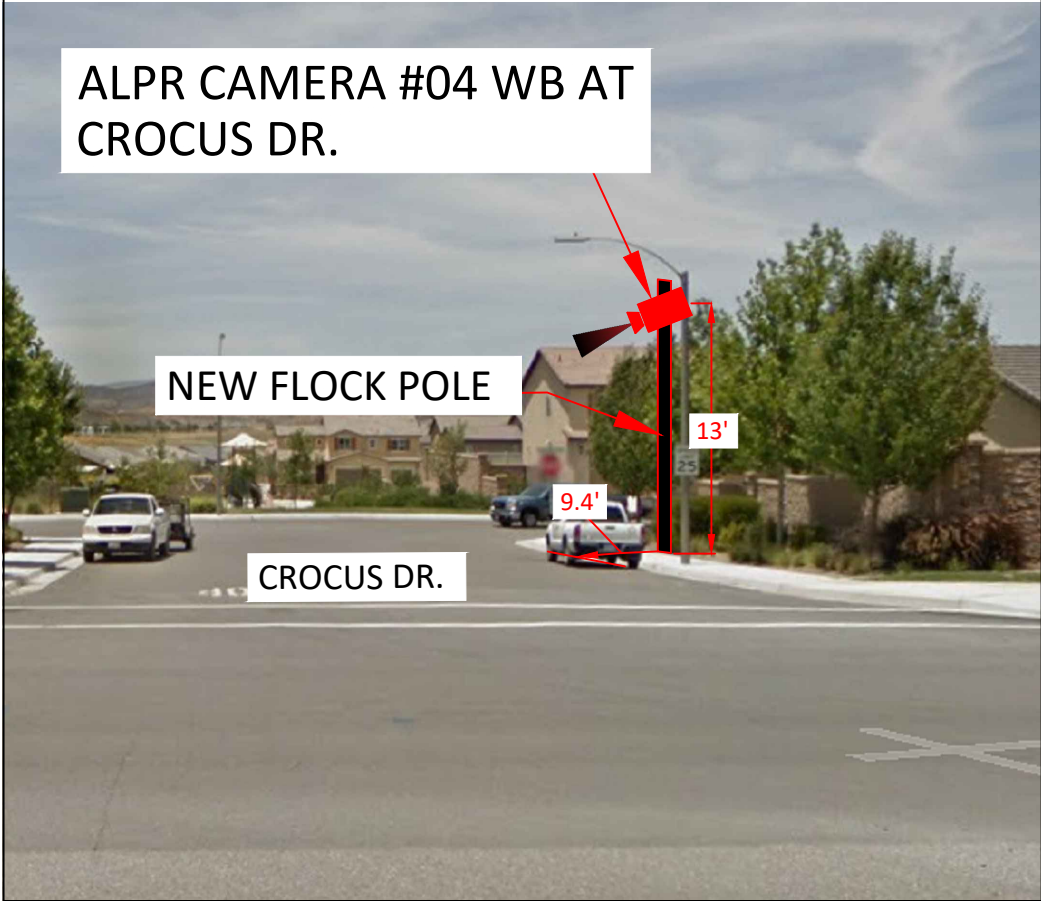
SITE ADDRESS:
35154 GOLDTHREAD LN., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC

A CONGRUEX* COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

CHECKED BY: RAMAN DEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023

SHEET: 7 OF 22

SITE ADDRESS:
35382 SUMMERHOLLY LN., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

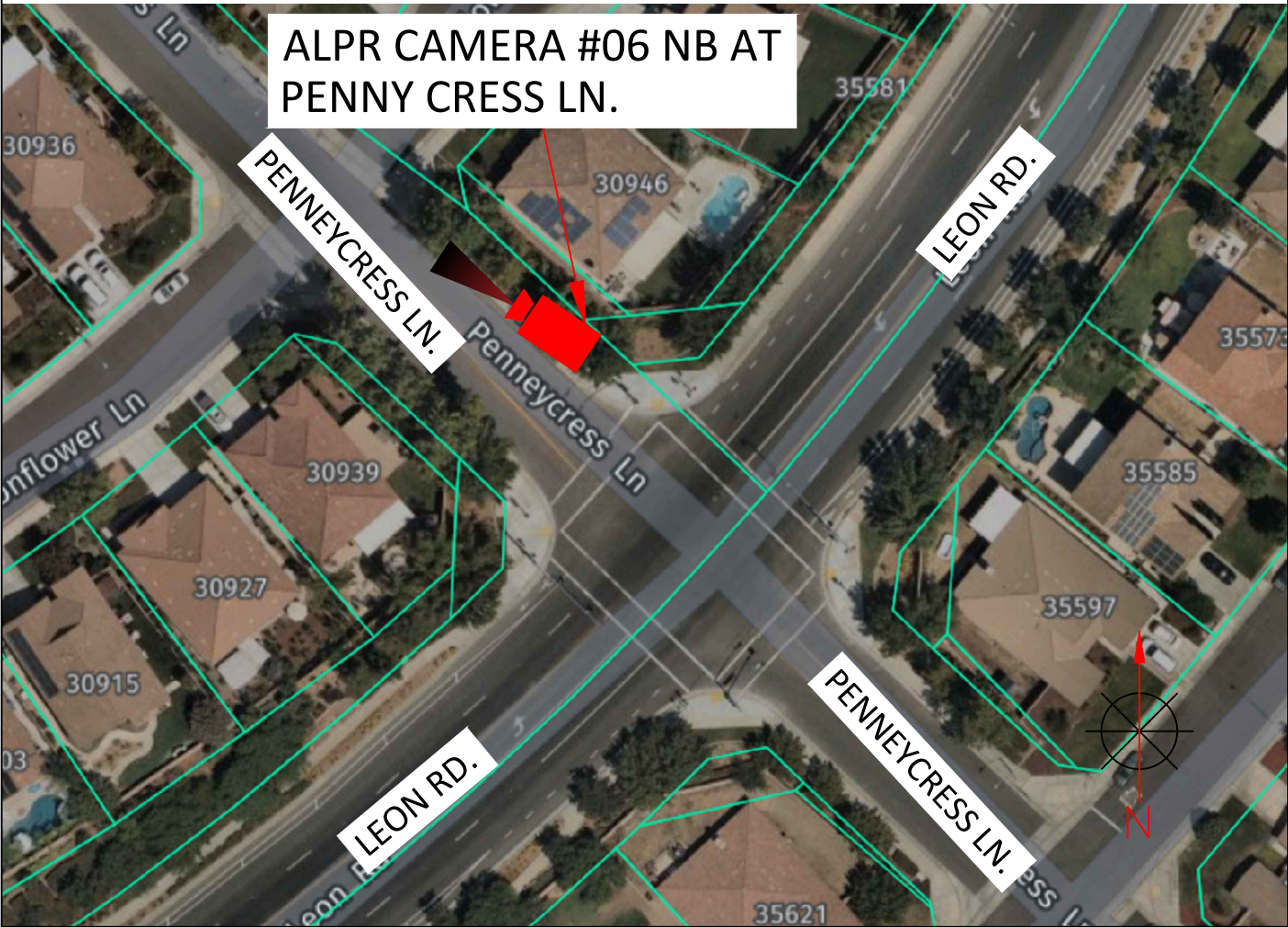
PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	267088
DRAWN BY:	SMIT RAJ
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	01/24/2023
SHEET:	8 OF 22

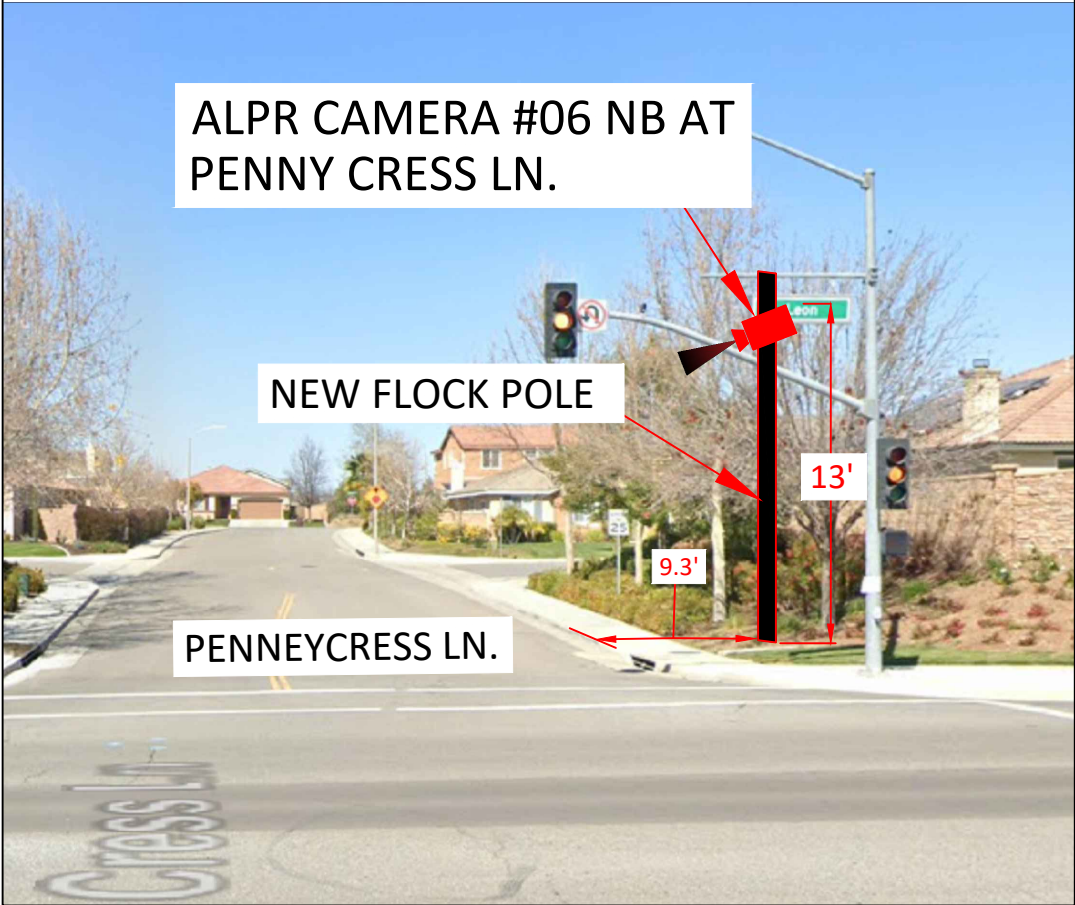
SITE ADDRESS:
30946 MOONFLOWER LN., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

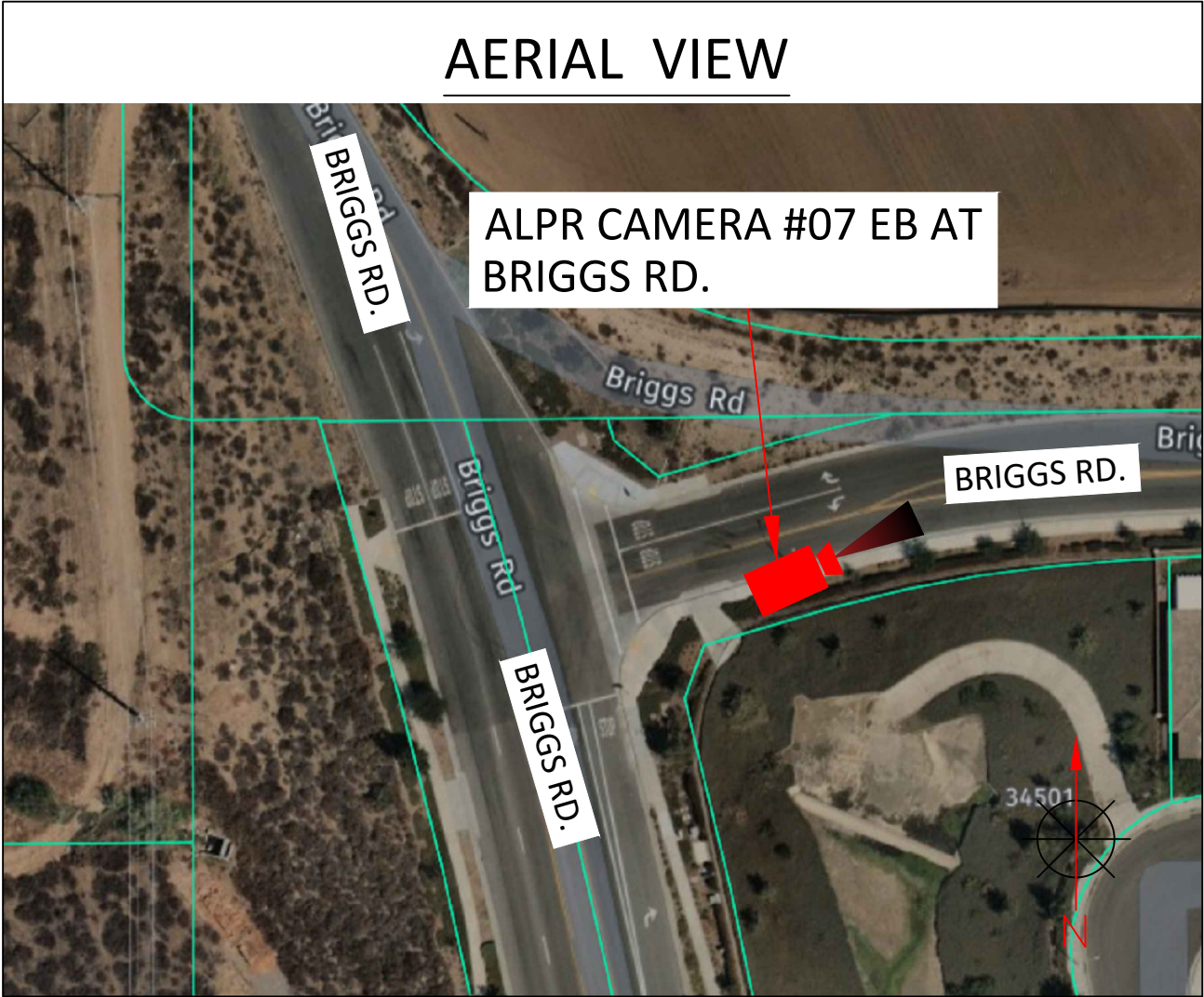
PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	267088
DRAWN BY:	SMIT RAJ
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	01/24/2023
SHEET:	9 OF 22

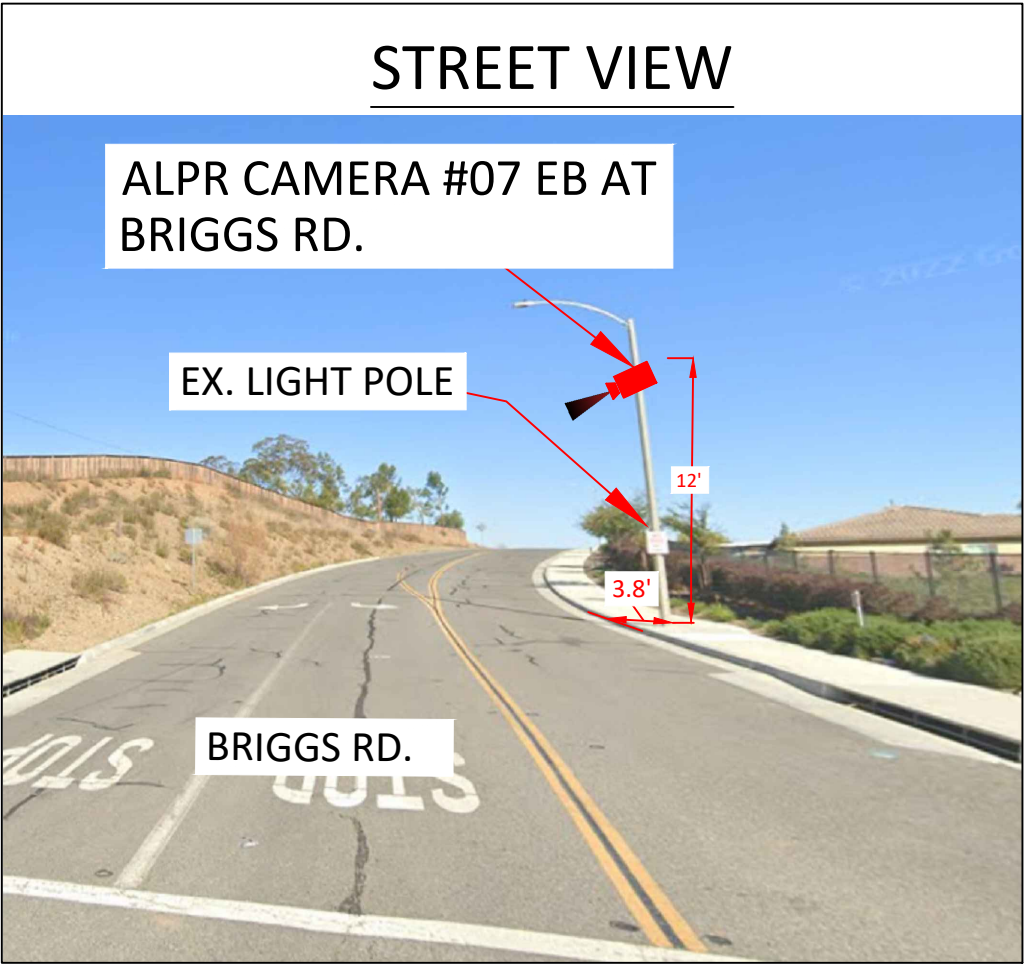
SITE ADDRESS:
30108 ALFALFA LN., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

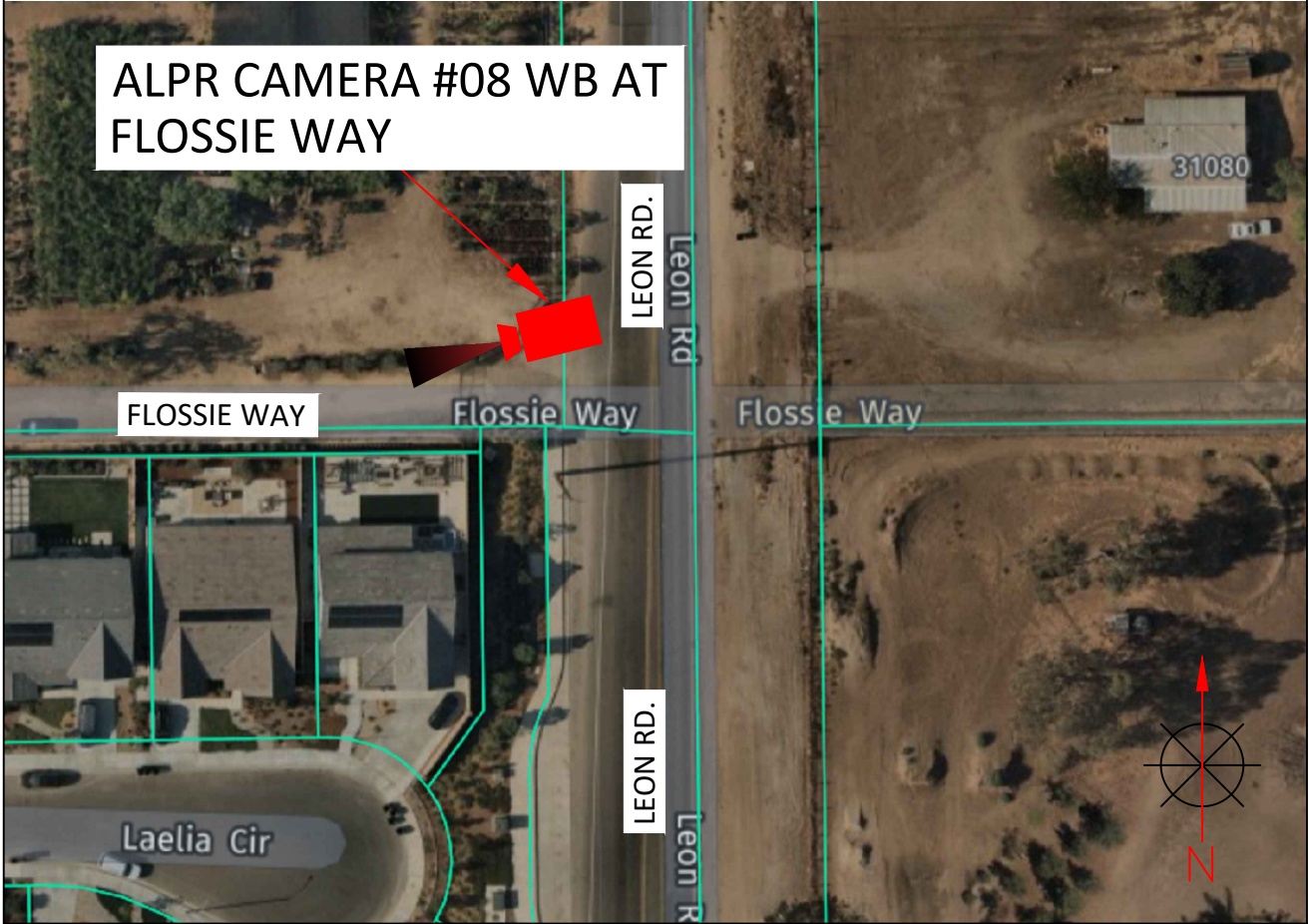
PLANS PREPARED BY:
CHC
A CONGRUEX* COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	267088
DRAWN BY:	SMIT RAJ
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	01/24/2023
SHEET:	10 OF 22

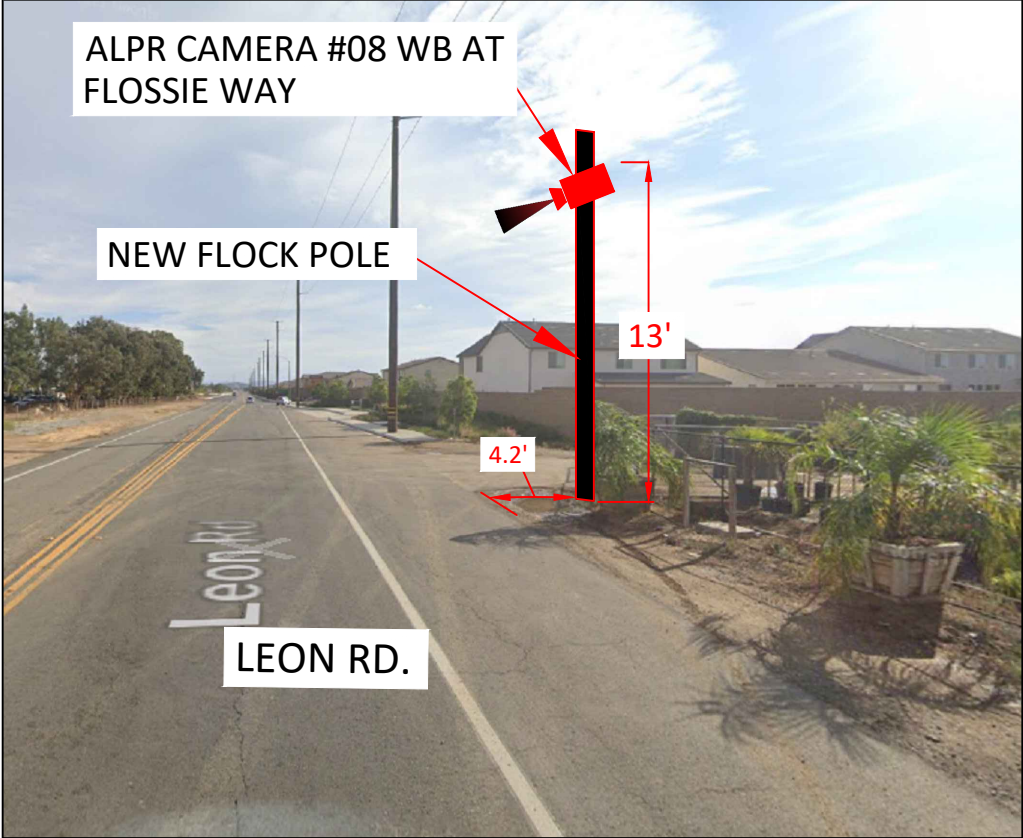
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30972 LAELIA CIR., MURRIETA, CA 92563, USA

SITE PLAN

AERIAL VIEW



STREET VIEW



flock safety

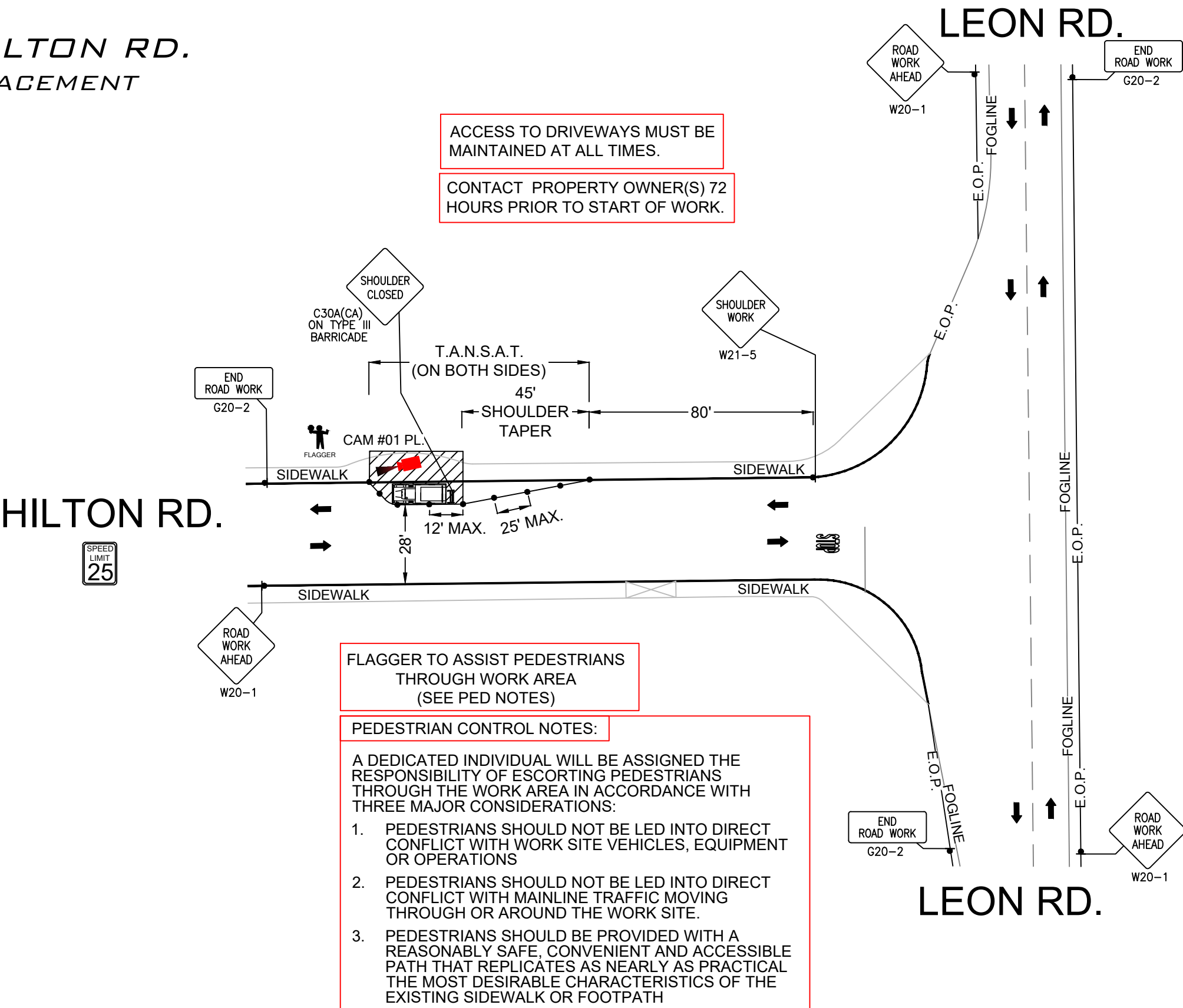
REV	DESCRIPTION	DATE	BY

TITLE:	SITE PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

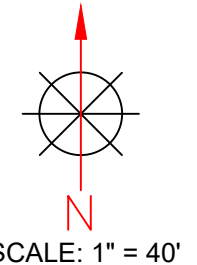
PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	267088
DRAWN BY:	SMIT RAJ
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	01/24/2023
SHEET:	11 OF 22

34235 LEON RD.
LEON RD. AND HILTON RD.
-ALPR CAMERA #01 PLACEMENT
WORK AREA 1 OF 8

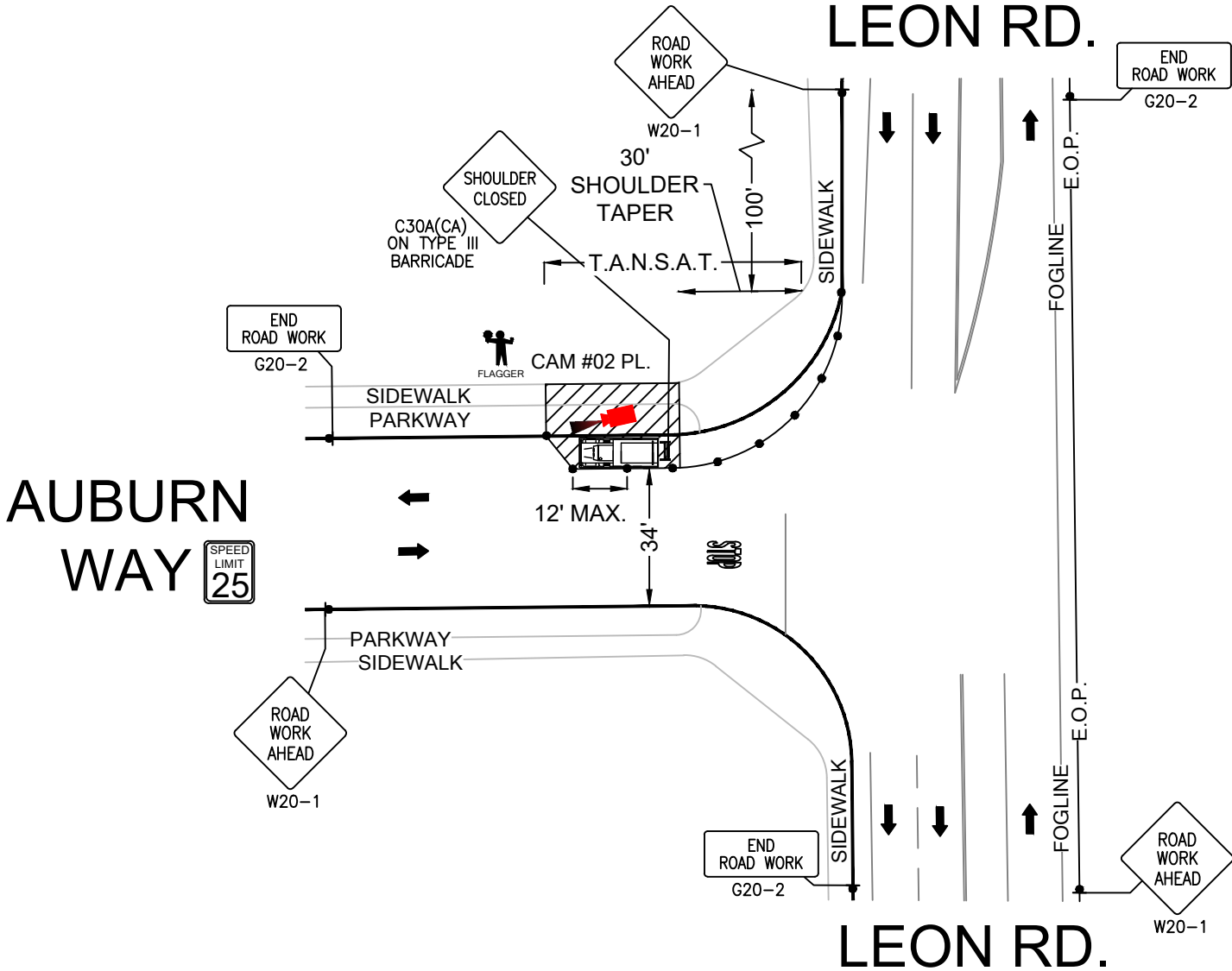


- LEGEND
- ☆ UNIFORMED POLICE OFFICER
 - ✱ PORTABLE FLASHING BEACON (P.F.B.)
 - ≡ TYPE III BARRICADE W/SIGN
 - ≡ TYPE II BARRICADE W/SIGN
 - CHANNELIZING DEVICE
 - TRAFFIC CONE WITH CLIP ON SIGN
 - ▲ TYPE I W/ SIGN
 - ▢ EXISTING SIGN
 - Ⓢ SIGNALIZED INTERSECTION
 - FLASHING ARROW BOARD
 - ⚡ HIGH LEVEL WARNING DEVICE (FLAGTREE)
 - ⚡ FLAGGER
 - TANSAT TOW AWAY NO STOPPING ANY TIME
 - ⊠ EXISTING DRIVEWAY
 - ▨ WORK ZONE (ACTIVITY AREA) LIMITS
 - DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



flock safety	REV	DESCRIPTION	DATE	BY	TITLE: TRAFFIC CONTROL PLAN	PLANS PREPARED BY: CHC A CONGRUEX* COMPANY 9095 Rio San Diego Dr. Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	PROJ#: 267088 DRAWN BY: SMIT RAJ CHECKED BY: RAMAN DEEP SINGH APPROVED BY: DANIEL CAMPOS DATE: 01/24/2023 SHEET: 12 OF 22
					SCOPE OF WORK: COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION		

30965 LAELIA CIR.
LEON RD. AND AUBURN WAY
-ALPR CAMERA #02 PLACEMENT
WORK AREA 2 OF 8

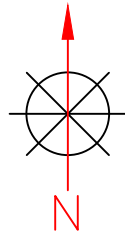


- ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.
- CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.
- FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)
- PEDESTRIAN CONTROL NOTES:

A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:

1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

LEGEND	
☆	UNIFORMED POLICE OFFICER
★	PORTABLE FLASHING BEACON (P.F.B.)
⌵	TYPE III BARRICADE W/SIGN
⌵	TYPE II BARRICADE W/SIGN
•	CHANNELIZING DEVICE
•	TRAFFIC CONE WITH CLIP ON SIGN
■	TYPE I W/ SIGN
■	EXISTING SIGN
⊙	SIGNALIZED INTERSECTION
⌵	FLASHING ARROW BOARD
⌵	HIGH LEVEL WARNING DEVICE (FLAGTREE)
⌵	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
⌵	EXISTING DRIVEWAY
⌵	WORK ZONE (ACTIVITY AREA) LIMITS
→	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



SCALE: 1" = 40'

flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	TRAFFIC CONTROL PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC

A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

CHECKED BY: RAMAN DEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023

SHEET: 13 OF 22

30998 BAXTER RD.
BAXTER RD. & LEON RD.
-ALPR CAMERA #03 PLACEMENT
WORK AREA 3 OF 8

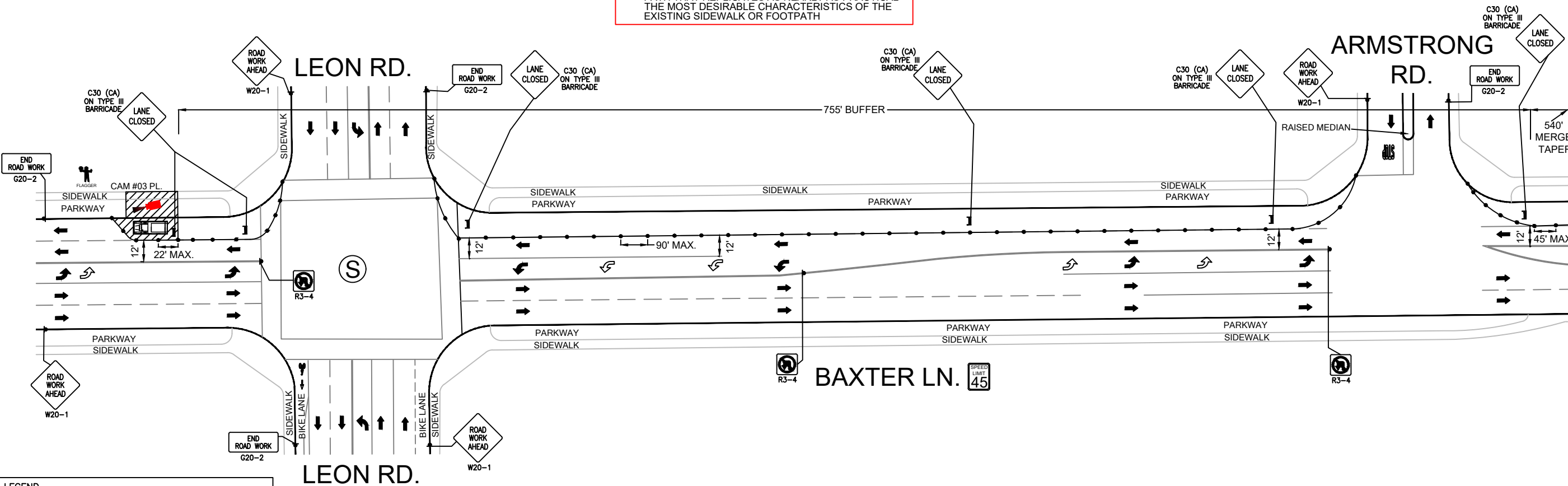
FLAGGER TO ASSIST PEDESTRIANS
THROUGH WORK AREA
(SEE PED NOTES)

PEDESTRIAN CONTROL NOTES:

- A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:
1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
 2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
 3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

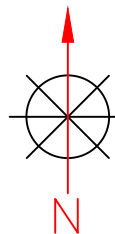
ACCESS TO DRIVEWAYS MUST BE
MAINTAINED AT ALL TIMES.

CONTACT PROPERTY OWNER(S) 72
HOURS PRIOR TO START OF WORK.



LEGEND

☆	UNIFORMED POLICE OFFICER
✱	PORTABLE FLASHING BEACON (P.F.B.)
W/SIGN	TYPE III BARRICADE W/SIGN
W/SIGN	TYPE II BARRICADE W/SIGN
•	CHANNELIZING DEVICE
•	TRAFFIC CONE WITH CLIP ON SIGN
W/SIGN	TYPE I W/ SIGN
W/SIGN	EXISTING SIGN
Ⓢ	SIGNALIZED INTERSECTION
W/SIGN	FLASHING ARROW BOARD
W/SIGN	HIGH LEVEL WARNING DEVICE (FLAGTREE)
W/SIGN	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
W/SIGN	EXISTING DRIVEWAY
W/SIGN	WORK ZONE (ACTIVITY AREA) LIMITS
→	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



SCALE: 1" = 60'

MATCHLINE A
SEE SHEET 15 OF 22

flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	TRAFFIC CONTROL PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

CHECKED BY: RAMAN DEEP SINGH

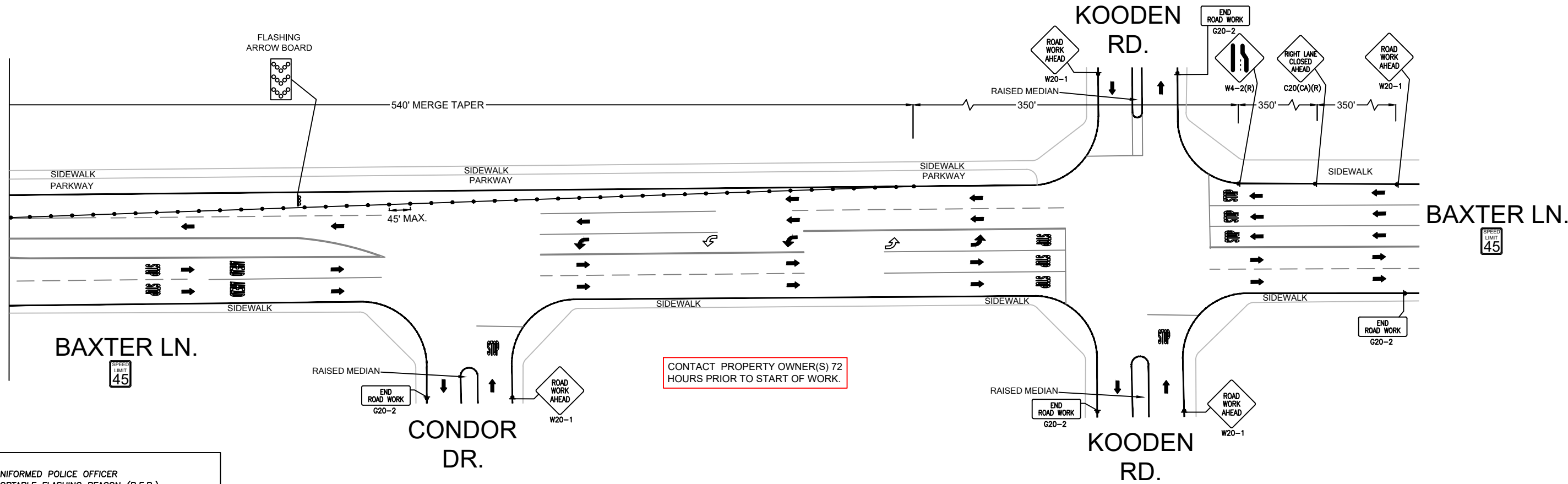
APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023

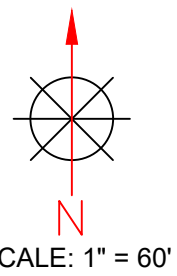
SHEET: 14 OF 22

30998 BAXTER RD.
BAXTER RD. & LEON RD.
-ALPR CAMERA #03 PLACEMENT
WORK AREA 3 OF 8

MATCHLINE A
SEE SHEET 14 OF 22



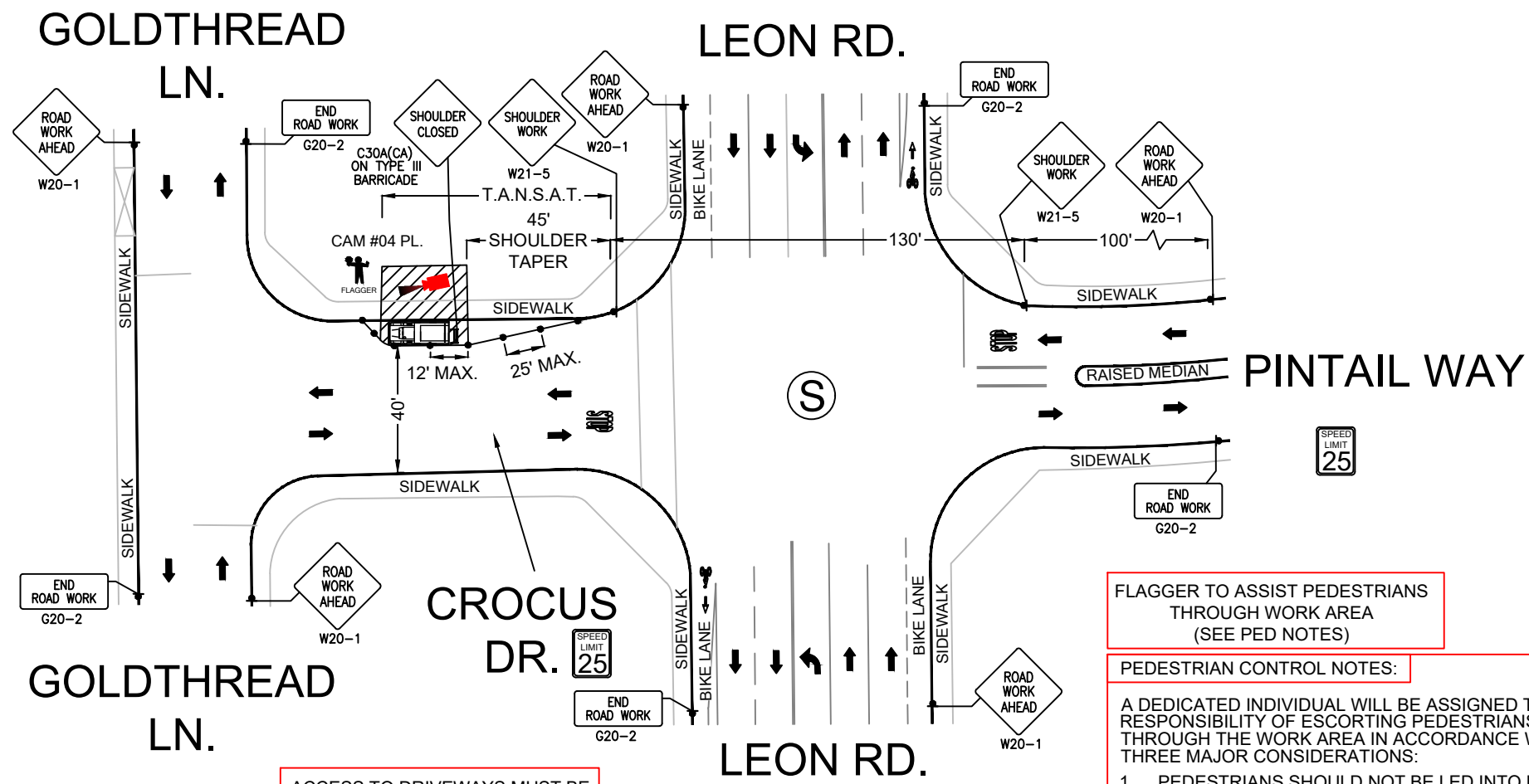
LEGEND	
☆	UNIFORMED POLICE OFFICER
✱	PORTABLE FLASHING BEACON (P.F.B.)
⌵	TYPE III BARRICADE W/SIGN
⌶	TYPE II BARRICADE W/SIGN
•••	CHANNELIZING DEVICE
•	TRAFFIC CONE WITH CLIP ON SIGN
⌵	TYPE I W/ SIGN
⌵	EXISTING SIGN
Ⓢ	SIGNALIZED INTERSECTION
⌵	FLASHING ARROW BOARD
⌵	HIGH LEVEL WARNING DEVICE (FLAGTREE)
⌵	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
⌵	EXISTING DRIVEWAY
⌵	WORK ZONE (ACTIVITY AREA) LIMITS
→	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



	REV	DESCRIPTION	DATE	BY	TITLE: TRAFFIC CONTROL PLAN	<p>PLANS PREPARED BY: A CONGRUEX* COMPANY 9095 Rio San Diego Dr. Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006</p>	PROJ#: 267088
					SCOPE OF WORK: COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION		DRAWN BY: SMIT RAJ
							CHECKED BY: RAMAN DEEP SINGH
							APPROVED BY: DANIEL CAMPOS
							DATE: 01/24/2023 SHEET: 15 OF 22

35154 GOLDTHREAD LN.
GOLD THREAD LN. & LEON RD.
-ALPR CAMERA #04 PLACEMENT
WORK AREA 4 OF 8

LEGEND	
	UNIFORMED POLICE OFFICER
	PORTABLE FLASHING BEACON (P.F.B.)
	TYPE III BARRICADE W/SIGN
	TYPE II BARRICADE W/SIGN
	CHANNELIZING DEVICE
	TRAFFIC CONE WITH CLIP ON SIGN
	TYPE I W/ SIGN
	EXISTING SIGN
	SIGNALIZED INTERSECTION
	FLASHING ARROW BOARD
	HIGH LEVEL WARNING DEVICE (FLAGTREE)
	FLAGGER
	TANSAT TOW AWAY NO STOPPING ANY TIME
	EXISTING DRIVEWAY
	WORK ZONE (ACTIVITY AREA) LIMITS
	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



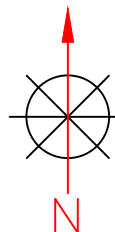
ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)

PEDESTRIAN CONTROL NOTES:

- A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:
1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
 2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
 3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH



SCALE: 1" = 50'

flock safety

REV	DESCRIPTION	DATE	BY

TITLE: TRAFFIC CONTROL PLAN

SCOPE OF WORK: COUNTY OF RIVERSIDE, CA
ALPR CAMERA INSTALLATION

PLANS PREPARED BY:

CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#: 267088

DRAWN BY: SMIT RAJ

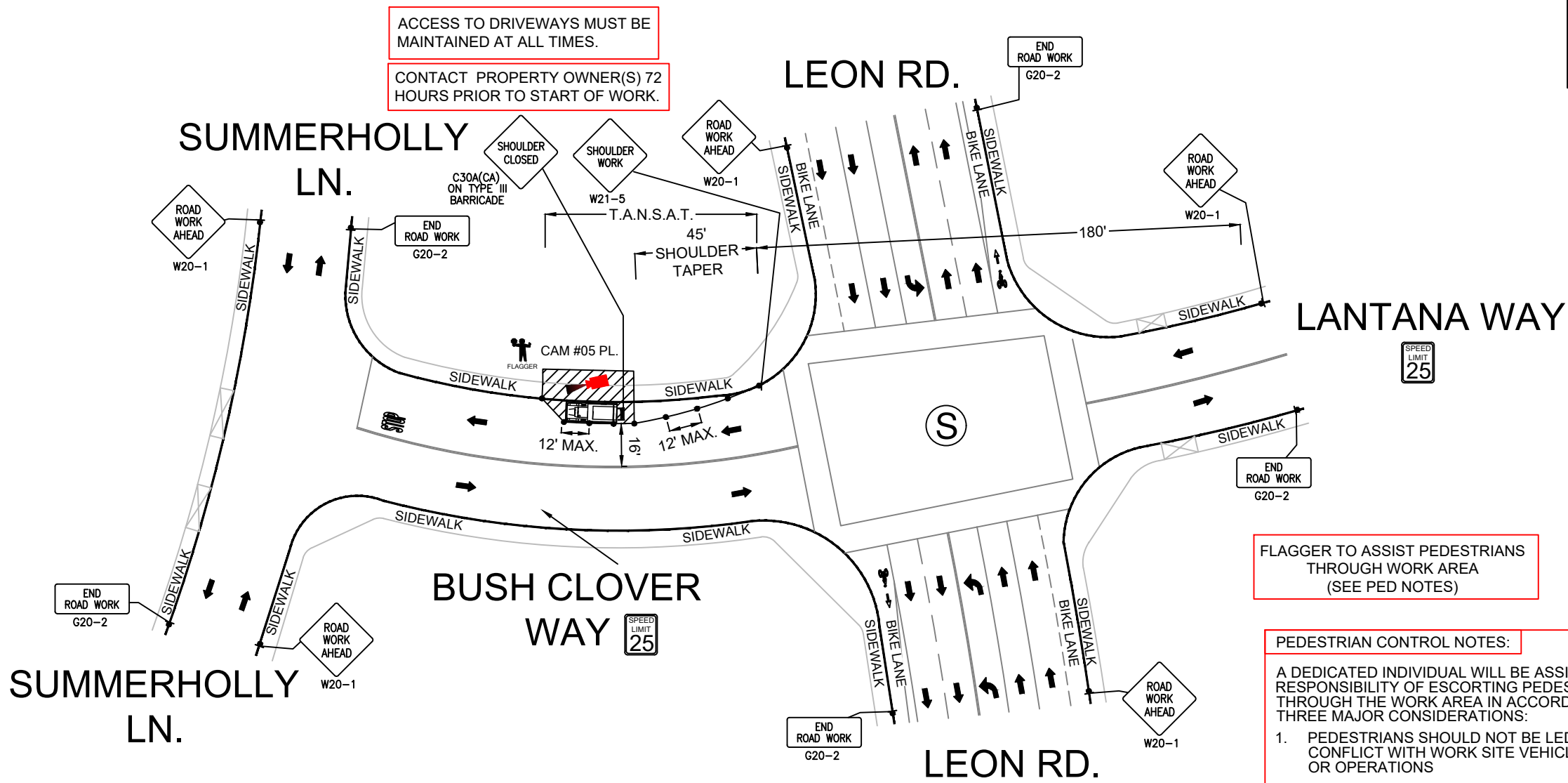
CHECKED BY: RAMAN DEEP SINGH

APPROVED BY: DANIEL CAMPOS

DATE: 01/24/2023

SHEET: 16 OF 22

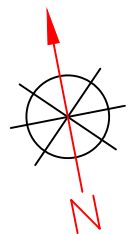
35382 SUMMERHOLLY LN.
BUSH CLOVER WAY & LEON RD.
-ALPR CAMERA #05 PLACEMENT
WORK AREA 5 OF 8



LEGEND	
☆	UNIFORMED POLICE OFFICER
✱	PORTABLE FLASHING BEACON (P.F.B.)
⌵	TYPE III BARRICADE W/SIGN
⌵	TYPE II BARRICADE W/SIGN
•	CHANNELIZING DEVICE
•	TRAFFIC CONE WITH CLIP ON SIGN
■	TYPE I W/ SIGN
■	EXISTING SIGN
⊙	SIGNALIZED INTERSECTION
⌵	FLASHING ARROW BOARD
⌵	HIGH LEVEL WARNING DEVICE (FLAGTREE)
⌵	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
⌵	EXISTING DRIVEWAY
▨	WORK ZONE (ACTIVITY AREA) LIMITS
→	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

FLAGGER TO ASSIST PEDESTRIANS
THROUGH WORK AREA
(SEE PED NOTES)

- PEDESTRIAN CONTROL NOTES:
- A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:
1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
 2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
 3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH



SCALE: 1" = 50'

flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	TRAFFIC CONTROL PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:
CHC
A CONGRUEX COMPANY
9095 Rio San Diego Dr. Ste 165
San Diego, CA 92108-1694
(949) 250-0004 / FAX (949) 250-0006

PROJ#:	267088
DRAWN BY:	SMIT RAJ
CHECKED BY:	RAMAN DEEP SINGH
APPROVED BY:	DANIEL CAMPOS
DATE:	01/24/2023
SHEET:	17 OF 22

30946 MOONFLOWER LN.
PENNEYCRESS LN. & LEON RD.
-ALPR CAMERA #06 PLACEMENT
WORK AREA 6 OF 8

ACCESS TO DRIVEWAYS MUST BE
MAINTAINED AT ALL TIMES.

CONTACT PROPERTY OWNER(S) 72
HOURS PRIOR TO START OF WORK.

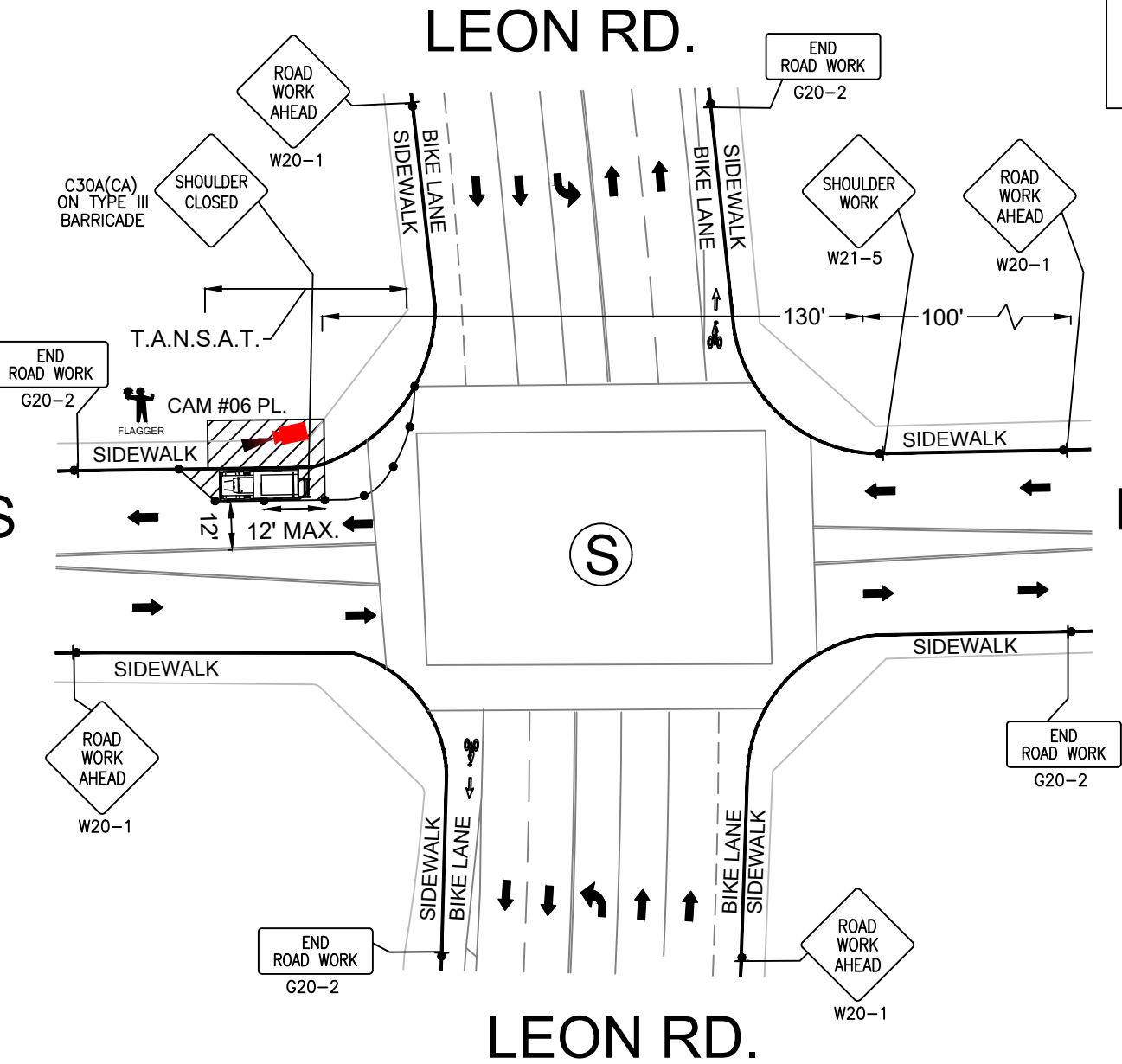
FLAGGER TO ASSIST PEDESTRIANS
THROUGH WORK AREA
(SEE PED NOTES)

PEDESTRIAN CONTROL NOTES:

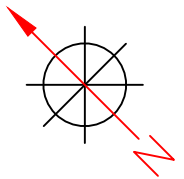
A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE
RESPONSIBILITY OF ESCORTING PEDESTRIANS
THROUGH THE WORK AREA IN ACCORDANCE WITH
THREE MAJOR CONSIDERATIONS:

1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT
CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT
OR OPERATIONS
2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT
CONFLICT WITH MAINLINE TRAFFIC MOVING
THROUGH OR AROUND THE WORK SITE.
3. PEDESTRIANS SHOULD BE PROVIDED WITH A
REASONABLY SAFE, CONVENIENT AND ACCESSIBLE
PATH THAT REPLICATES AS NEARLY AS PRACTICAL
THE MOST DESIRABLE CHARACTERISTICS OF THE
EXISTING SIDEWALK OR FOOTPATH

PENNEYCRESS
LN. SPEED
LIMIT
25



LEGEND	
☆	UNIFORMED POLICE OFFICER
★	PORTABLE FLASHING BEACON (P.F.B.)
⊥	TYPE III BARRICADE W/SIGN
⊥	TYPE II BARRICADE W/SIGN
•	CHANNELIZING DEVICE
•	TRAFFIC CONE WITH CLIP ON SIGN
■	TYPE I W/ SIGN
■	EXISTING SIGN
⊙	SIGNALIZED INTERSECTION
⊥	FLASHING ARROW BOARD
⊥	HIGH LEVEL WARNING DEVICE (FLAGTREE)
⊥	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
⊥	EXISTING DRIVEWAY
⊥	WORK ZONE (ACTIVITY AREA) LIMITS
→	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



SCALE: 1" = 40'

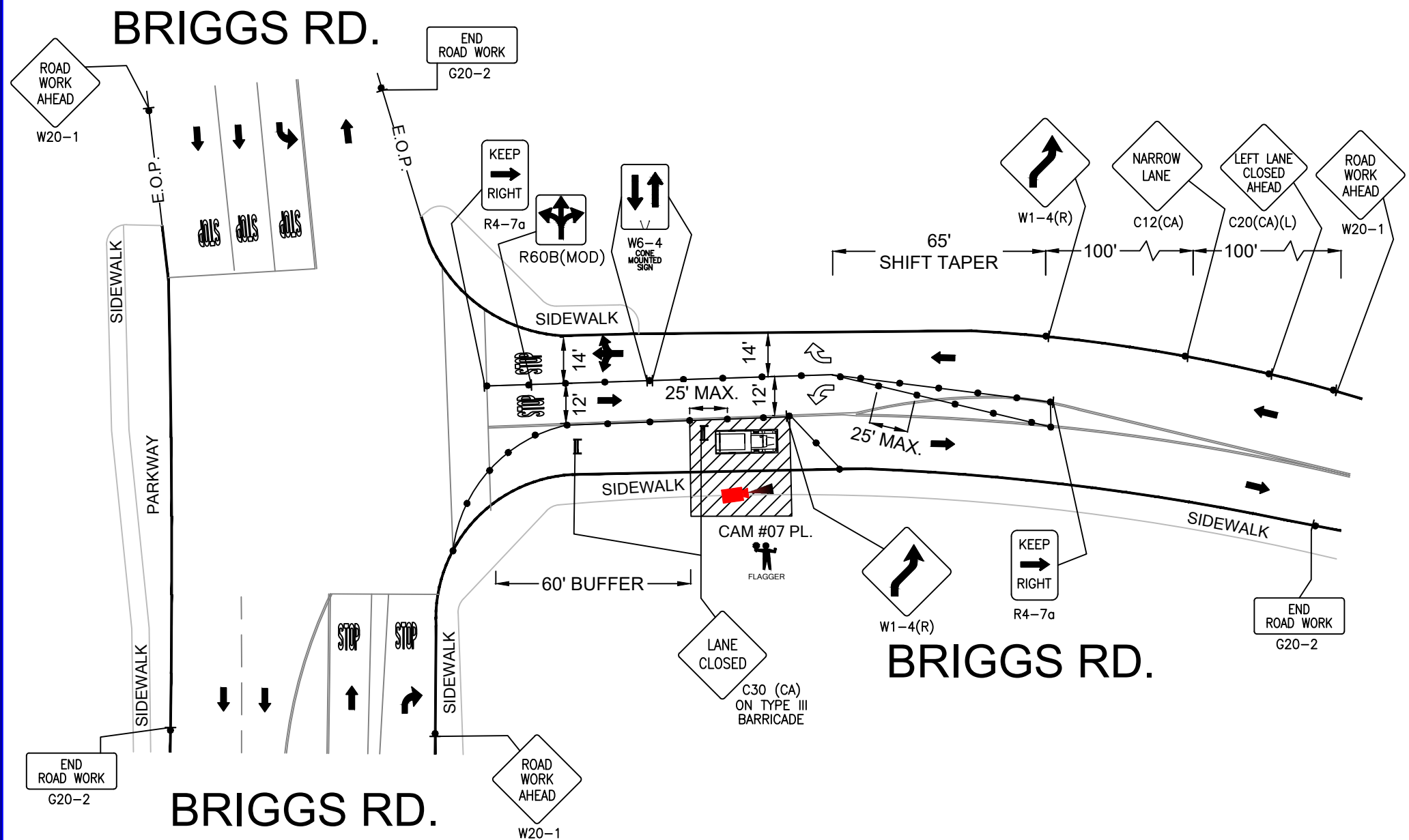
flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	TRAFFIC CONTROL PLAN
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:	PROJ#: 267088
CHC A CONGRUEX COMPANY 9095 Rio San Diego Dr. Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	DRAWN BY: SMIT RAJ
	CHECKED BY: RAMAN DEEP SINGH
	APPROVED BY: DANIEL CAMPOS
	DATE: 01/24/2023 SHEET: 18 OF 22

30108 ALFALFA LN.
BRIGGS RD. & PAT RD.
-ALPR CAMERA #07 PLACEMENT
WORK AREA 7 OF 8



LEGEND	
☆	UNIFORMED POLICE OFFICER
✱	PORTABLE FLASHING BEACON (P.F.B.)
⊥	TYPE III BARRICADE W/SIGN
⊥	TYPE II BARRICADE W/SIGN
•	CHANNELIZING DEVICE
•	TRAFFIC CONE WITH CLIP ON SIGN
■	TYPE I W/ SIGN
□	EXISTING SIGN
⊙	SIGNALIZED INTERSECTION
⊥	FLASHING ARROW BOARD
⊥	HIGH LEVEL WARNING DEVICE (FLAGTREE)
⊥	FLAGGER
TANSAT	TOW AWAY NO STOPPING ANY TIME
▨	EXISTING DRIVEWAY
▨	WORK ZONE (ACTIVITY AREA) LIMITS
→	DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

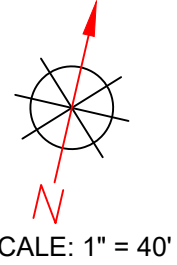
CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)

PEDESTRIAN CONTROL NOTES:

- A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:
1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
 2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE.
 3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH

NO SPEED LIMIT FOUND ON BRIGGS RD., BRIGGS RD. TRAFFIC CONTROL PLAN IS SETUP AT 25 MPH



<div>flock safety</div>	REV	DESCRIPTION	DATE	BY	TITLE:	TRAFFIC CONTROL PLAN	<div>PLANS PREPARED BY:</div> <div><div><div><div></div></div><div>CHC</div></div><div>A CONGRUEX* COMPANY</div><div>9095 Rio San Diego Dr. Ste 165</div><div>San Diego, CA 92108-1694</div><div>(949) 250-0004 / FAX (949) 250-0006</div></div>	PROJ#: 267088	
								DRAWN BY: SMIT RAJ	
								CHECKED BY: RAMAN DEEP SINGH	
								APPROVED BY: DANIEL CAMPOS	
								DATE: 01/24/2023 SHEET: 19 OF 22	
					SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION			

30972 LAELIA CIR.
LEON RD. & AUBURN RD.
-ALPR CAMERA #08 PLACEMENT
WORK AREA 8 OF 8

LEGEND

☆

UNIFORMED POLICE OFFICER

✱

PORTABLE FLASHING BEACON (P.F.B.)

⌵

TYPE III BARRICADE W/SIGN

⌵

TYPE II BARRICADE W/SIGN

•

CHANNELIZING DEVICE

•

TRAFFIC CONE WITH CLIP ON SIGN

■

TYPE I W/ SIGN

⌵

EXISTING SIGN

⊙

SIGNALIZED INTERSECTION

⌵

FLASHING ARROW BOARD

⌵

HIGH LEVEL WARNING DEVICE (FLAGTREE)

⌵

FLAGGER

TANSAT

TOW AWAY NO STOPPING ANY TIME

⌵

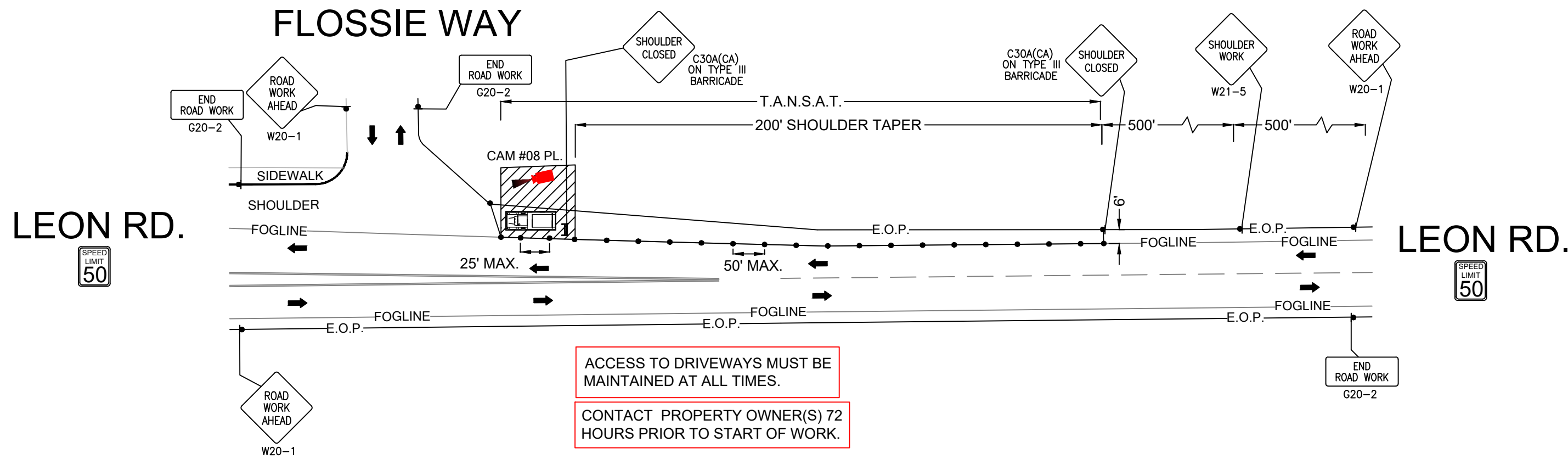
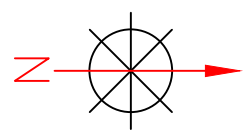
EXISTING DRIVEWAY

▨

WORK ZONE (ACTIVITY AREA) LIMITS

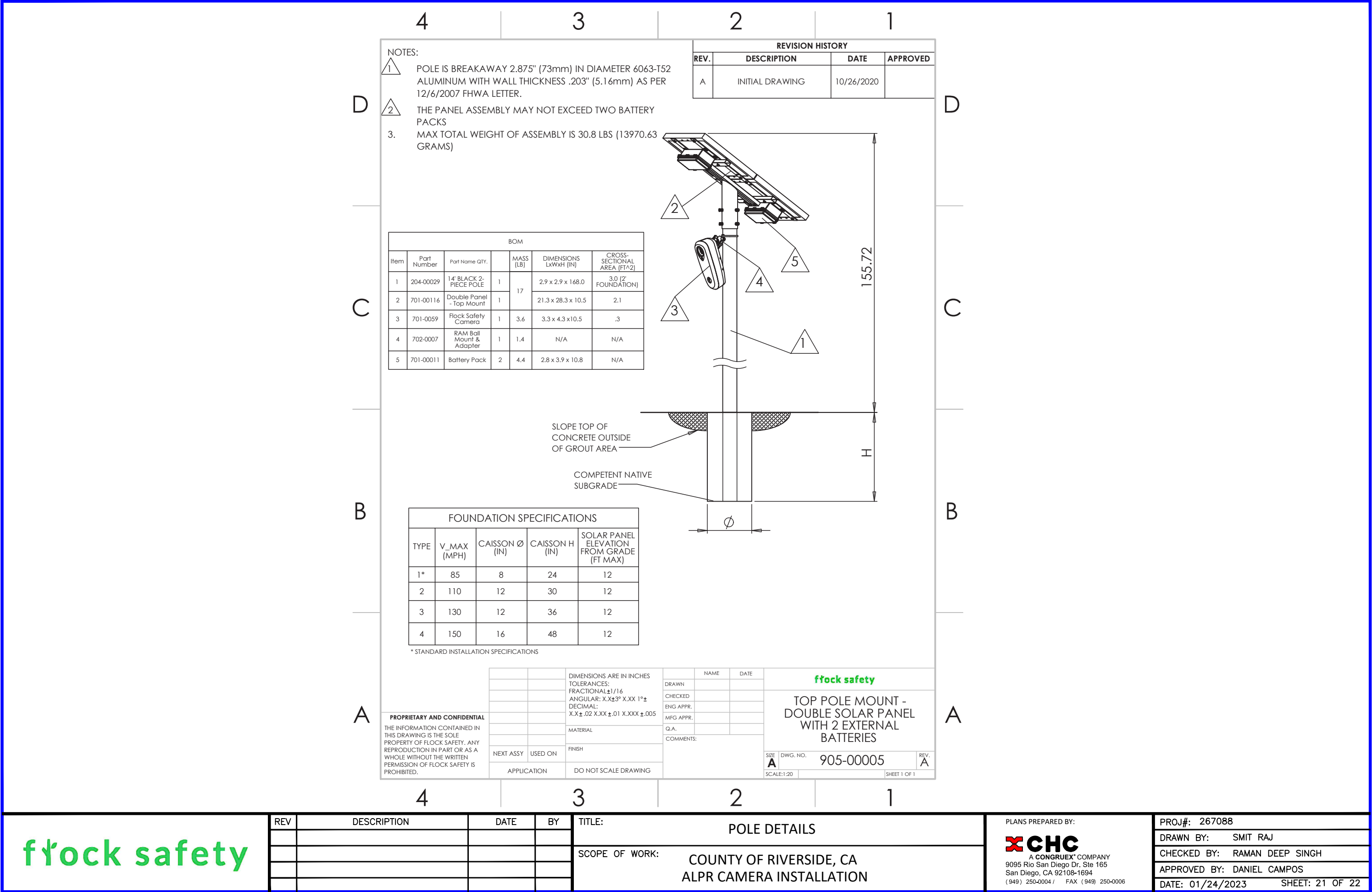
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DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)



SCALE: 1" = 40'

flock safety	REV	DESCRIPTION	DATE	BY	TITLE:	PLANS PREPARED BY:	PROJ#:
					TRAFFIC CONTROL PLAN	A CONGRUEX COMPANY	267088
					SCOPE OF WORK:	9095 Rio San Diego Dr. Ste 165	DRAWN BY: SMIT RAJ
					COUNTY OF RIVERSIDE, CA	San Diego, CA 92108-1694	CHECKED BY: RAMAN DEEP SINGH
					ALPR CAMERA INSTALLATION	(949) 250-0004 / FAX (949) 250-0006	APPROVED BY: DANIEL CAMPOS
							DATE: 01/24/2023 SHEET: 20 OF 22





1200 New Jersey Ave., S.E.
Washington, DC 20590

December 6, 2007

In Reply Refer To:
HSSD/SS-157

Mr. Reinhardt F. Cyphers
Addresses of Distinction, LLC
907 New Franklin Road
LaGrange, GA 30240

Dear Mr. Cyphers:

In your mail correspondence of October 18, 2007, you requested the Federal Highway Administration's (FHWA) acceptance of your company's aluminum tubes as a breakaway sign support. You referenced our acceptance letter SS-28 which reported on small sign support testing conducted in "weak" soil by the Florida Department of Transportation (DOT). In that letter we accepted as breakaway 3 inch (89 mm) diameter, 6061-T6 alloy aluminum tubes of 0.187 inches (4.75 mm) thickness when no more than one sign support was used within a seven foot span. The posts pulled out of the ground partially or completely, allowing the vehicle to gradually come to a stop. The two sign supports that you request to use have: (1) a diameter of 2.875 inches (73 mm) with a wall thickness of 0.203 inches (5.16 mm) and (2) a diameter of 2.375 inches (60 mm) with a wall thickness of 0.154 inches (60 mm). The three sign posts are compared in the following table:

Sign Post	Florida DOT	Addresses of Distinction, LLC	Addresses of Distinction, LLC
Diameter	3.5 in (89 mm)	2.875 inches (73 mm)	2.375 inches (60 mm)
Wall Thickness	0.187 in (4.75 mm)	.203 inches (5.16 mm)	0.154 inches (60 mm)
Alloy	6061-T6	6063-T52	6063-T52
Tensile Strength	45 ksi (310 MPa)	30 ksi (207 MPa)	27ksi (186MPa)
Yield Strength	40 ksi (275 MPa)	25 ksi (173 MPa)	21ksi (145Pa)
Cross Sectional Area	1.951 in ² (1257 mm ²)	1.70 in ² (1099mm ²)	1.70 in ² (1099 mm ²)
Anti-Rotation Hardware	Unknown	Yes	Yes

In addition to the Florida DOT sponsored testing to which you referred, earlier tests of 4 inch (100 mm) diameter thin-walled aluminum tubes were conducted in "strong" soil. These posts, which were fitted with anti-rotation hardware below the ground, fractured upon impact and were found to be crashworthy.



1200 New Jersey Ave.
Washington, DC 20590

2

Your company's aluminum tube sign supports are smaller diameter and made of weaker alloy than the posts already found to be crashworthy in either strong or weak soil. Therefore your request regarding the two aluminum tube sizes to be used as sign supports as stated above is acceptable for use on Federal-aid highway projects when requested by a State.

Please note the following standard provisions that apply to FHWA letters of acceptance:

- This acceptance is limited to the crashworthiness characteristics of the devices and does not cover their structural features, nor conformity with the Manual on Uniform Traffic Control Devices.
- Any changes that may adversely influence the crashworthiness of the device will require a new acceptance letter.
- Should the FHWA discover that the qualification testing was flawed, that in-service performance reveals unacceptable safety problems, or that the device being marketed is significantly different from the version that was crash tested, it reserves the right to modify or revoke its acceptance.
- You will be expected to supply potential users with sufficient information on design and installation requirements to ensure proper performance.
- You will be expected to certify to potential users that the hardware furnished has essentially the same chemistry, mechanical properties, and geometry as that submitted for acceptance, and that they will meet the crashworthiness requirements of the FHWA and the NCHRP Report 350.
- To prevent misunderstanding by others this letter of acceptance designated as number SS-157 shall not be reproduced except in full. This letter and the test documentation upon which this letter is based, is public information. All such letters and documentation may be reviewed at our office upon request.
- This acceptance letter shall not be construed as authorization or consent by the FHWA to use, manufacture, or sell any patented device for which the applicant is not the patent holder. The acceptance letter is limited to the crashworthiness characteristics of the candidate device, and the FHWA is neither prepared nor required to become involved in issues concerning patent law. Patent issues, if any, are to be resolved by the applicant.

Yield Strength	40 ksi (275 MPa)	25 ksi (173 MPa)	27ksi (186MPa)
Cross Sectional Area	1.951 in ² (1257 mm ²)	1.70 in ² (1099 mm ²)	1.70 in ² (1099 mm ²)
Anti-Rotation Hardware	Unknown	Yes	Yes

Sincerely yours,

In addition to the Florida DOT sponsored testing to which you referred, earlier tests of 4 inch (100 mm) diameter thin-walled aluminum tubes were conducted in "strong" soil. These posts, which were fitted with anti-rotation hardware below the ground, fractured upon impact and were found to be crashworthy.

George E. Rice, Jr.
Acting Director, Office of Safety Design
Office of Safety

flock safety

REV	DESCRIPTION	DATE	BY

TITLE:	POLE DETAILS
SCOPE OF WORK:	COUNTY OF RIVERSIDE, CA ALPR CAMERA INSTALLATION

PLANS PREPARED BY:	PROJ#: 267088
A CONGRUEX COMPANY 9095 Rio San Diego Dr. Ste 165 San Diego, CA 92108-1694 (949) 250-0004 / FAX (949) 250-0006	DRAWN BY: SMIT RAJ
	CHECKED BY: RAMAN DEEP SINGH
	APPROVED BY: DANIEL CAMPOS
	DATE: 01/24/2023 SHEET: 22 OF 22