GENERAL NOTES

- 1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2021 EDITION, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS & SPECIFICATIONS, 2018 EDITION.
- 2. ANY EXISTING IMPROVEMENTS INCLUDING CURBS, GUTTERS, SIDEWALKS, AND ASPHALT CONCRETE, WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE CITY ENGINEER INCLUDING NECESSARY SAWCUTTING, REMOVAL, REPLACEMENT AND CAPPING.
- 3. NOT USED

SEAL

RINGUYA

No. 82001

- LOCATIONS OF THE UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON INFORMATION PROVIDED BY UTILITY OWNERS. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THEIR ACTUAL LOCATIONS, TO PROTECT AND MAINTAIN ALL EXISTING UTILITIES. ANY DAMAGE TO SUCH FACILITIES CAUSED BY THIS WORK SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND SHALL NOTIFY THE CITY ENGINEER AT (949) 635-1800, TWO WORKING DAYS PRIOR TO STARTING EACH PHASE OF CONSTRUCTION AND PRIOR TO REQUIRING INSPECTION.
- 6. TRAFFIC CONTROL AND SAFETY DEVICES SHALL BE PLACED AND MAINTAINED PER THE LATEST EDITION OF THE CALIFORNIA MUTCD AND TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL HAVE ALL TRAFFIC CONTROL CONSTRUCTION SIGNS, DELINEATORS, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC CONTROL DEVICES. SIGNS, DELINEATORS, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC WHILE WORKING IN THE STREET.
- 9. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED BY THE CITY TO ASSURE PUBLIC SAFETY AT ALL TIMES.
- 10. THE CONTRACTOR SHALL UTILIZE A FLAGMAN DURING CONSTRUCTION WORK AS DEEMED NECESSARY BY THE CITY INSPECTOR.
- 11. THIS PROJECT IS NPDES CONSTRUCTION PRIORITY: PRIORITY.
- 12. CITY OF RANCHO SANTA MARGARITA MINIMUM BEST MANAGEMENT PRACTICES SHALL BE REQUIRED AT ALL TIMES OR AS DIRECTED BY THE ENGINEER.
- 13. COUNTY OF ORANGE (LATEST EDITION) RUNOFF GUIDANCE MANUAL SHALL BE IMPLEMENTED FOR THIS PROJECT OR AS DIRECTED BY THE CITY.
- 14. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ALL NPDES REQUIREMENTS FOR THIS PROJECT INCLUSIVE OF LABOR, MATERIALS, PERMITS AND OTHER FEES AS REQUIRED TO DO THIS WORK.
- 15. THE CONTRACTOR SHALL ADJUST ALL SURVEY MONUMENTS TO GRADE.

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

NOTICE TO CONTRACTOR

PURSUANT TO ASSEMBLY BILL 3019, NO EXCAVATION PERMIT IS VALID UNLESS THE FOLLOWING IS PERFORMED:

- PROVIDED REQUIRED I.D. NUMBER.
- EXCAVATION.
- SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- AT (1-800-422-4133).

STRIPING GENERAL NOTES

- CALIFORNIA MUTCD LATEST EDITION
- RELECTIVE & NON REFLECTIVE MARKERS.
- DIRECTED BY THE ENGINEER.
- 5. EXACT SIGN LOCATION AS DETERMINED BY ENGINEER.
- OR NOT.

	PREPARED BY			REVISIONS	MAC BY	DE DATE	APPRON BY	/ED DATE
FIRM:	CITY OF RANCHO SANTA M	ARGARITA	\square					
ADDRESS:	22112 EL PASEO		\triangle					
	RANCHO SANTA MARGARITA	, CA 92688	\square					
TELEPHONE:	(949) 635-1800		\square					
			\triangle					
NAME TRI NO	GUYEN RCE NO.: 82001	EXP. DATE: 3/31/24	\square					

DIAL TOLL FREE

1-800-422-4133

AT LEAST TWO DAYS

BEFORE YOU DIG

CITY OF RANCHO SANTA MARGARITA ARROYO VISTA PAVEMENT REHABILITATION CUL-DE-SAC TO AVENIDA EMPRESA



1. UNDERGROUND SERVICE ALERT HAS BEEN CONTACTED AND HAS

2. THE CONTRACTOR AGREES TO CONTACT AND OBTAIN A REQUIRED I.D. NUMBER FROM UNDERGROUND SERVICE ALERT (1-800-227-2600) AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF

3. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS ON THE PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEPEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN THE CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE

4. ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT KNOWN OR IN A LOCATION DIFFERENT FROM THAT WHICH IS SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE. BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND SERVICE ALERT

1. SIGNING AND STRIPING LAYOUT SHALL CONFORM TO

2. PAINT SHALL BE PLACED IN TWO APPLICATIONS. GLASS BEADS SHALL BE ADDED TO EACH APPLICATION, WITH

3. SANDBLAST AND REMOVE CONFLICTING STRIPING, PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS AS

4. ALL LANE LINES SHALL HAVE RAISED PAVEMENT MARKERS.

6. THE CONTRACTOR SHALL INSTALL BLUE PAVEMENT MARKERS AT THE FIRE HYDRANT LOCATIONS AT THE CENTER OF THE ROAD WHETHER SHOWN ON THE PLANS



PUBLIC SERVICE CONTACT LIST

CONTACT THE FOLLOWING AGENCIES BEFORE EXCAVATION PHONE NO. AGENCY CITY OF RANCHO SANTA MARGARITA (949) 635-1800

AT&T	(714) 666-5696
COX COMMUNICATIONS	(949) 546-2805
SANTA MARGARITA WATER DISTRICT	(949) 459-6420
SOUTHERN CALIFORNIA EDISON	(949) 458-4676
SOUTHERN CALIFORNIA GAS COMPANY	(714) 634-3118
TRABUCO CANYON WATER DISTRICT	(949) 858-0277

ABREVIATIONS

C&G EA. EP. EX. FH. F.S., FS GAL L MIN. MON. N.T.S., NTS PCC PROP. PVMNT., PVMT R&R RSP R/W, ROW	REMOVE & RECONSTRUCT REVISED STANDARD PLAN RIGHT-OF-WAY
PROP.	PROPOSED
,	
R/W, ROW SDMH	RIGHT-OF-WAY STORM DRAIN MANHOLE SEWER MANHOLE STREET
STA. SY	STANDARD STATION SQUARE YARD TYPICAL WATER VALVE

SHEET INDEX

1. TITLE SHEET

LEGEND

EXISTING GAS EXISTING STORM DRAIN **EXISTING SEWER**

EXISTING WATER EXISTING TRAFFIC

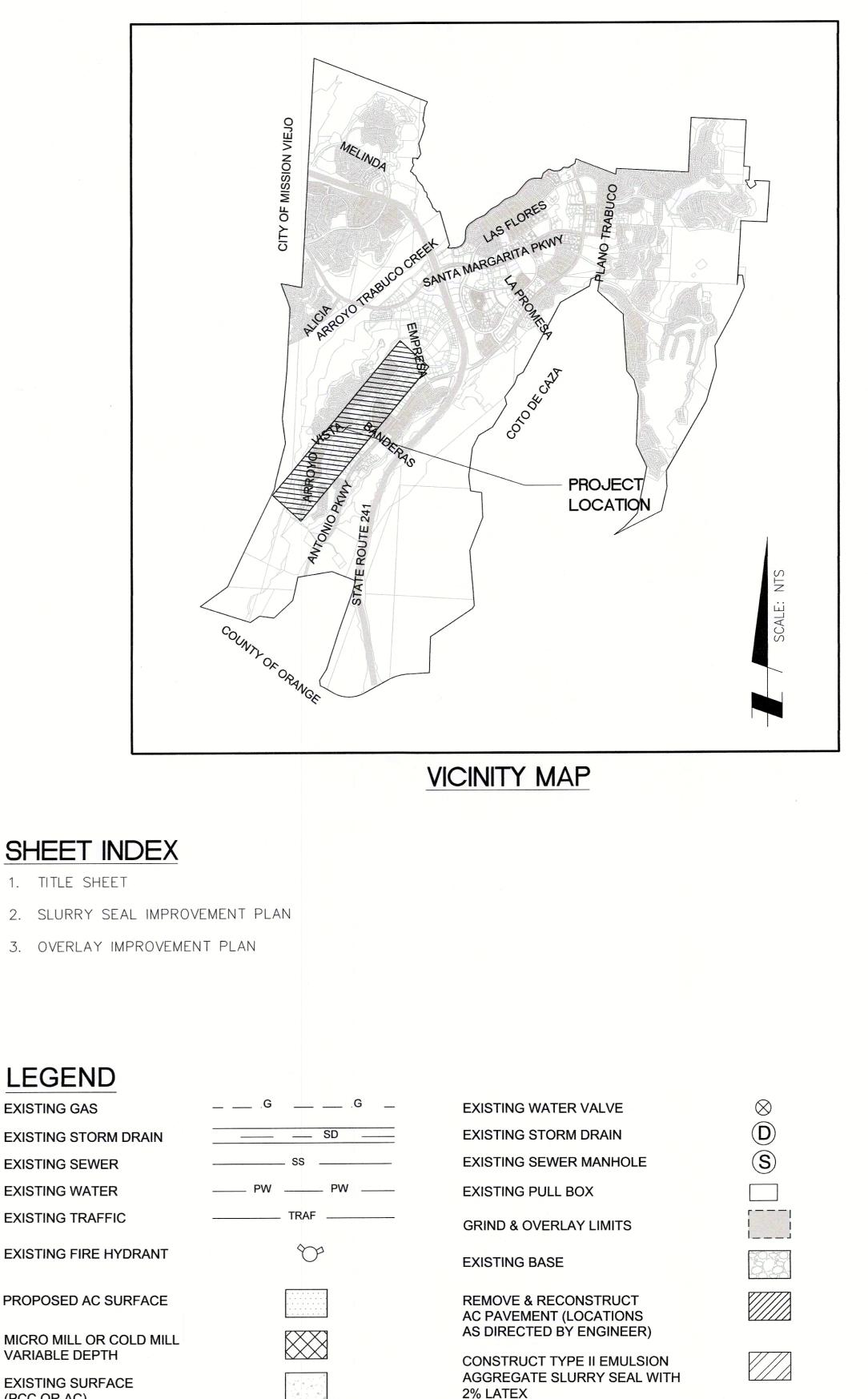
EXISTING FIRE HYDRANT

PROPOSED AC SURFACE

MICRO MILL OR COLD MILL VARIABLE DEPTH

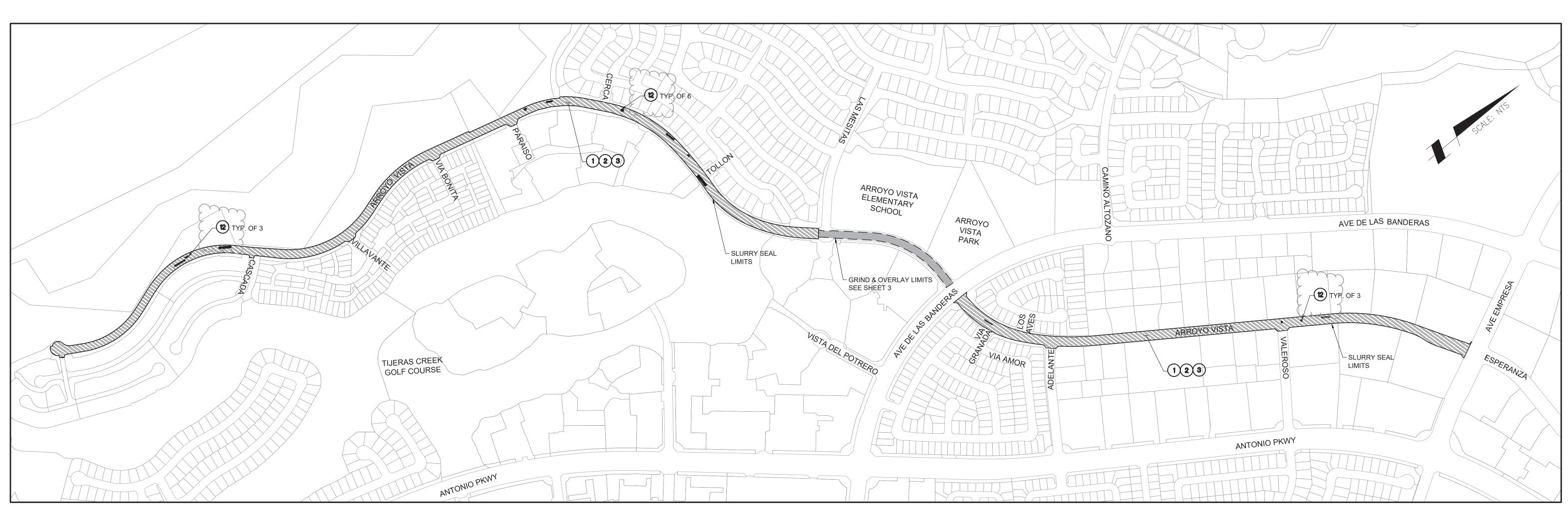
EXISTING SURFACE (PCC OR AC)

	RECOMMENDE	ED FOR APPROVAL	APPROVED BY:	
TITLE	NAME	SIGNATURE	DATE	CITY OF RANCHO SANTA MARGARITA PUBLIC WORKS DEPARTMENT
PW SUPERINTENDENT	T. GREGORY	Leur Jupin	3/29/22	TOBEIG NORTO DELTINITIENT
TRAFFIC ENGINEER	J. ALIRE	My Ma	31-30/22	
				BRENDAN DUGAN, PUBLIC WORKS DIRECTOR/CITY ENGINEER
		V		DATE: 5-29-22



CITY OF RANCHO SANTA MARGARITA ARROYO VISTA PAVEMENT REHABILITATION TITLE SHEET

PROJECT NO. CIP SHEET 1 OF 3 DRAWING NO. ----



GENERAL NOTES:

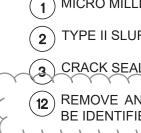
SURVEY MONUMENTS AND CORNER RECORDS ARE NOT SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT IN PLACE ALL MONUMENTS AND CORNER RECORDS. ANY MONUMENTS OR CORNER RECORDS THAT WILL BE DISTURBED SHALL BE TIED-OUT PRIOR TO DISTURBING THEM.

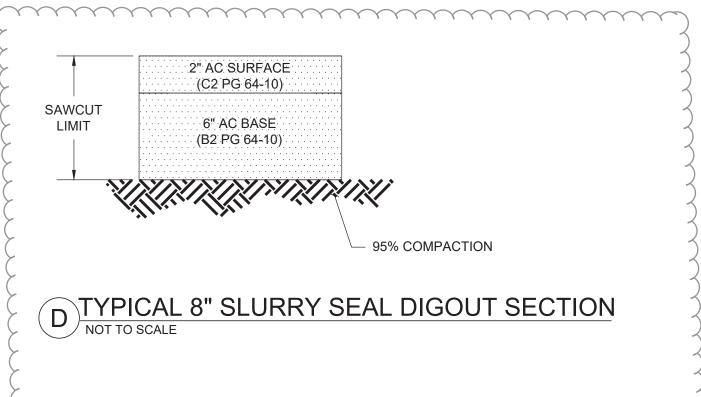
REMOVE TRAFFIC STRIPING AND PAVEMENT MARKINGS PRIOR TO SLURRY SEAL.AND REPLACE IN-KIND UPON COMPLETION.

OBTAIN APPROVAL FROM CITY ON SLURRY SEAL LIMITS PRIOR TO COMMENCING WORK.

WATER VALVE AND MANHOLE ADJUSTMENT LOCATIONS SHALL BE IDENTIFIED PRIOR TO COMMENCING WORK.







SEAL		
PROFESSIONAL RINGUYER No. 82001	UNDERGROUND SERVICE ALERT OF SOUTHE	DIAL TOLL FREE 1-800-422-4133 AT LEAST TWO DAYS BEFORE YOU DIG
PREPA	RED BY	REVISI

PREPARED BY	REVISIONS	MADE APPROVED by date by date	RECOMMENDED	FOR APPROVAL	APPROVED BY:	
FIRM: CITY OF RANCHO SANTA MARGARITA	\square					
ADDRESS: 22112 EL PASEO	\square					
RANCHO SANTA MARGARITA, CA 92688	\square			RECOMMENDATIONS	SEE SHEET 1 FOR APPROVALS	
TELEPHONE: (949) 635–1800	\square					
	\bigtriangleup					
NAME TRI NGUYEN RCE NO.: 82001 EXP. DATE: 3/31/24	\square					

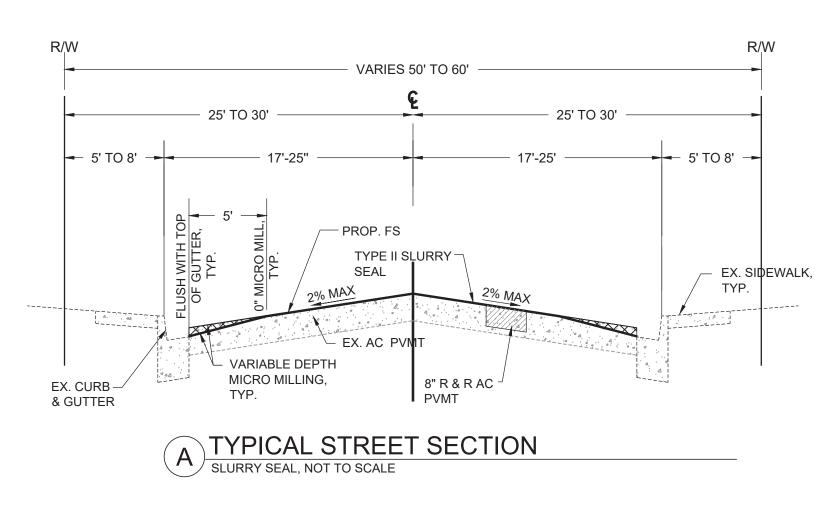
ARROYO VISTA

CONSTRUCTION NOTES:

(1) MICRO MILLING PER DETAIL 'A' HEREON.

(2) TYPE II SLURRY SEAL WITH 2% LATEX. SEE DETAIL 'A' HEREON.

CRACK SEALING REMOVE AND RECONSTRUCT 8" AC PAVEMENT (DIGOUT). LOCATIONS TO BE IDENTIFIED PRIOR TO CONSTRUCTION. SEE DETAIL 'D' HEREON.



<u>NOTES</u>

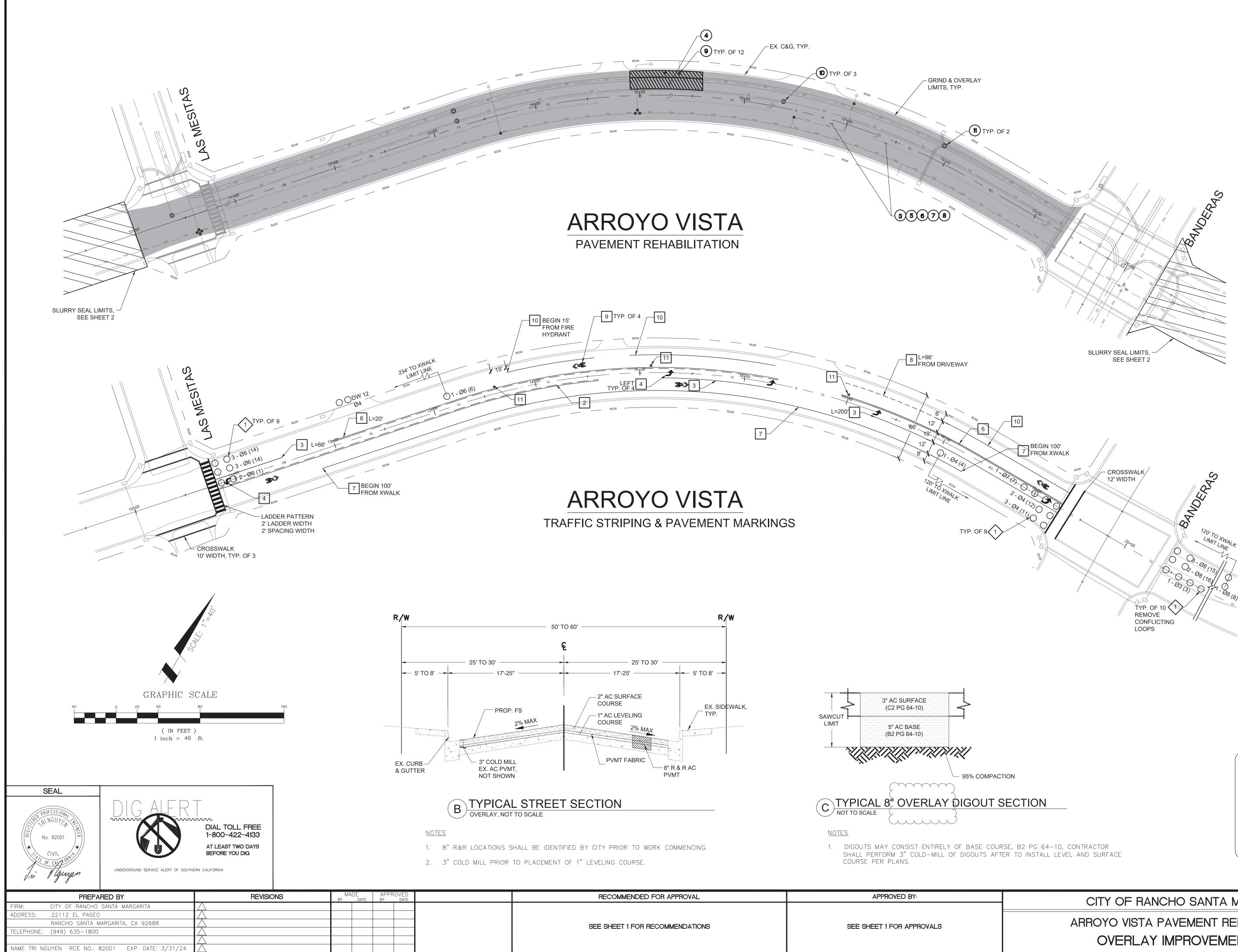
1. 8" R&R LOCATIONS SHALL BE IDENTIFIED BY CITY PRIOR TO WORK COMMENCING.

CITY OF RANCHO SANTA MARGARITA

ARROYO VISTA PAVEMENT REHABILITATION SLURRY SEAL IMPROVEMENT PLAN

PROJECT NO. CIP

SHEET **2** OF **3** DRAWING NO. ____



RECOMMENDED FOR APPROVAL	APPROVED BY:		
SEE SHEET 1 FOR RECOMMENDATIONS	SEE SHEET 1 FOR APPROVALS		

CONSTRUCTION NOTES:

(3) CRACK SEALING

- 4 REMOVE AND RECONSTRUCT 8" AC PAVEMENT (DIGOUT). LOCATIONS TO BE IDENTIFIED PRIOR TO CONSTRUCTION. SEE DETAIL 'C' HEREON.
- 5 COLD MILL 3" UNIFORM THICKNESS EXISTING AC PAVEMENT
- (6) CONSTRUCT 1" AC LEVEL COURSE PER DETAIL 'B' HEREON.
- 7 FURNISH & INSTALL PAVEMENT FABRIC. REFER TO DETAIL 'B' HERE ON.
- 8 CONSTRUCT 2" AC SURFACE COURSE PER DETAIL 'B' HEREON.
- (9) ADJUST WATER VALVE TO GRADE
- (10) ADJUST SEWER MANHOLE TO GRADE
- (1) ADJUST STORM DRAIN MANHOLE TO GRADE

STRIPING NOTES:

- 1 PAINT 4" WHITE LANE LINE PER 2018 CALTRANS STD. PLAN A20A DETAIL 9.
- 2 PAINT 4" DOUBLE YELLOW LINE PER 2018 CALTRANS RSP A20B DETAIL 31.
- 3 PAINT 8" WHITE CHANNELIZING LINE PER CALTRANS RSP A20D DETAIL 38.
- 4 PAINT TYPE IV ARROW PER 2018 CALTRANS STD. PLAN A24A. DIRECTION AS SPECIFIED ON PLANS.
- 5 PAINT 12" YELLOW CROSSWALK PER 2018 CALTRANS STD. PLAN A24F. WIDTH AS SPECIFIED ON PLANS.
- 6 PAINT 4" DOUBLE YELLOW LINE PER 2018 CALTRANS RSP ^{____} A20B DETAIL 28.
- 7 PAINT 6" SOLID WHITE BIKE LANE LINE PER 2018 CALTRANS RSP A20D DETAIL 39.
- 8 PAINT 6" BROKEN WHITE BIKE LANE LINE 2018 CALTRANS RSP A20D DETAIL 39.
- 9 PAINT SHARED ROADWAY BICYCLE MARKING PER 2018 CALTRANS STD. PLAN A24C. LOCATIONS ARE APPROXIMATE AND CITY WILL MARKOUT EACH LOCATION IMMEDIATELY PRIOR TO CONSTRUCTION.
- 10 PAINT 6" SOLID WHITE RIGHT EDGE LINE PER 2018 CALTRANS RSP A20B DETAIL 27B.
- 11 INSTALL BLUE TWO-WAY REFLECTIVE FIRE HYDRANT MARKER 12" OFFSET FROM PAINTED YELLOW LINE, ON THE FIRE HYDRANT SIDE OF THE ROADWAY.

TRAFFIC NOTES:

1 INSTALL NEW LOOPS AS INDICATED ON PLAN. HEAD / LOOPS SHALL BE TYPE D. ADDITIONAL LOOPS SHALL BE TYPE E PER CALTRANS STANDARD PLAN RSP ES-5B. PLACE LOOPS 1-FOOT IN BACK OF CROSSWALK.

GENERAL NOTES:

SURVEY MONUMENTS AND CORNER RECORDS ARE NOT SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND TIE-OUT ANY MONUMENTS OR RECORDS PRIOR TO DISTURBING THEM.

SIGNAL LOOP DETECTORS OUTSIDE THE LIMITS OF WORK SHALL BE PROTECTED IN PLACE WHETHER SHOWN ON THESE PLANS OR NOT.

REMOVE CONFLICTING EXISTING CROSSWALK STRIPING AS NEEDED.

CITY OF RANCHO SANTA MARGARITA

ARROYO VISTA PAVEMENT REHABILITATION OVERLAY IMPROVEMENT PLAN

PROJECT NO. CIP

SHEET OF **3** DRAWING NO. ____