



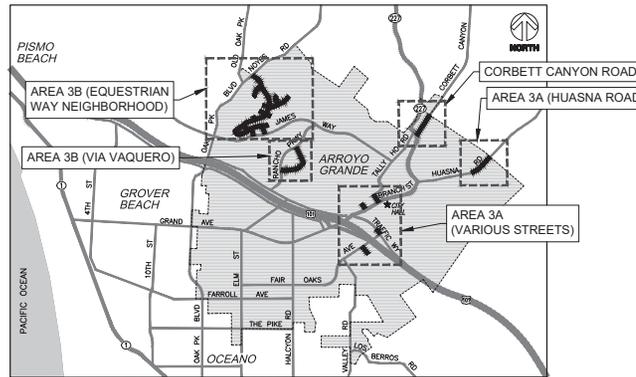
# CITY OF ARROYO GRANDE

## 2022 STREET REPAIRS PROJECT PW 2022-05

### CONSTRUCTION PLANS FOR VARIOUS STREETS

**GENERAL NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO COMPLETE WORK.
2. FOR AREAS TO BE REMOVED & REPLACED, THE CONTRACTOR SHALL ONLY REMOVE MATERIAL QUANTITIES THAT CAN BE REPLACED DURING THE SAME WORK DAY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES AND/OR STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS CAUSED BY THE CONTRACTOR'S ACTIONS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES BEFORE STARTING WORK AT LEAST TWO (2) WORKING DAYS (REQUIRED).
4. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ALLOW UTILITY OWNERS TO MARK THE LOCATION OF THEIR RESPECTIVE UNDERGROUND FACILITIES/UTILITIES. PUBLIC OR PRIVATE, SHOWN OR NOT SHOWN ON THESE PLANS.
5. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE DIVISION OF INDUSTRIAL RELATIONS (CAL-OSHA) SAFETY STANDARDS. IN ACCORDANCE WITH SECTION 710.4 OF THE SSPWC, IF REQUESTED BY THE INSPECTOR, THE CONTRACTOR SHALL PROVIDE PROOF OF A PERMIT FROM CAL-OSHA.
6. THE CONTRACTOR SHALL DISPOSE OF ALL CONSTRUCTION WASTE IN A LEGAL MANNER.
7. ALL PAVEMENT MARKING & LANE DELINEATION DETAILS SHOWN ON PLANS ARE EXISTING. CONTRACTOR SHALL REPLACE PAVEMENT MARKINGS AND LANE DELINEATIONS AS NEEDED WHERE AFFECTED BY REMOVE & REPLACE AREAS WITHIN AREA 3A AND ON ALL PROJECT STREETS WITHIN AREA 3B AND CORBETT CANYON ROAD.
8. EXISTING PAINTED CURB NOT SHOWN. CONTRACTOR IS RESPONSIBLE FOR PREPARING AND REPAINTING EXISTING PAINTED CURB TO MATCH EXISTING UNLESS OTHERWISE DIRECTED BY THE CITY.
9. UTILITY COVERS ARE SHOWN ON PLANS FOR REFERENCE. CONTRACTOR SHALL LOWER ALL COVERS WITHIN ALL REMOVE & REPLACE AND KEYCUT AREAS PRIOR TO COLD PLANNING AND RESET ALL COVERS TO FINISH SURFACE AFTER HMA PLACEMENT. CONTRACTOR SHALL INSTALL NEW VALVE BOXES, SEWER CLEANOUT FRAME/COVERS AND MANHOLE FRAME/COVERS PER CITY STANDARD PLANS 6040 & 6340.
10. SEVERAL DISCUT AREAS WITHIN THE PAVEMENTS INCLUDE PRUNING & REMOVING EXISTING TREE ROOTS. IN ADDITION, THE CONTRACTOR SHALL ANTICIPATE PRUNING & REMOVING EXISTING TREE ROOTS AT ALL CONCRETE FACILITIES TO BE CONSTRUCTED OR REMOVED & REPLACED.
11. A CONSTRUCTION PRE-WALK WITH THE CITY ARBORIST SHALL BE CONDUCTED PRIOR TO COMMENCING WORK TO IDENTIFY AREAS DESIGNATED TO PRUNE & REMOVE TREE ROOTS. THE CITY ARBORIST SHALL PROVIDE RECOMMENDATIONS TO THESE WORK AREAS AS NEEDED, WHICH MAY INCLUDE FULLY REMOVING TREES. THE CONTRACTOR SHALL NOTIFY THE CITY ARBORIST PRIOR TO WORKING IN THESE AREAS.



CITY OF ARROYO GRANDE: LOCATION MAP  
NOT TO SCALE

SHEET INDEX	
SHEET NUMBER	SHEET DESCRIPTION
1	TITLE SHEET
2	AREA 3A (VARIOUS STREETS)
3	AREA 3A (HUASNA ROAD)
4 - 10	AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)
11	AREA 3B (VIA VAQUERO)
12	CORBETT CANYON ROAD
13 - 14	EDGE DRAIN ENLARGEMENTS
15	CONTROL POINT DATA SUMMARY
16 - 21	CURB RAMPS DESIGNS (EQUESTRIAN WAY NEIGHBORHOOD)
22 - 25	CURB RAMPS DESIGNS (VIA VAQUERO)
26 - 29	STANDARD DETAILS



DESIGN FIRM: **Pavement Engineering Inc.**



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San Luis Obispo, CA 93401  
805.781.2265

SEAL:



DESIGNED BY: JR / DRAWN BY: NM/CM / CHECKED BY: PM/MW

PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

SCALE: NTS

HORIZ. N/A

VERT. N/A

RECOMMENDED BY: / DATE

ACCEPTED BY: / DATE

STEVE KAHN, INTERIM CITY ENGINEER  
RCE 42350

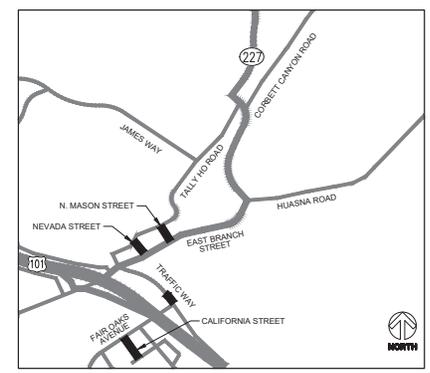
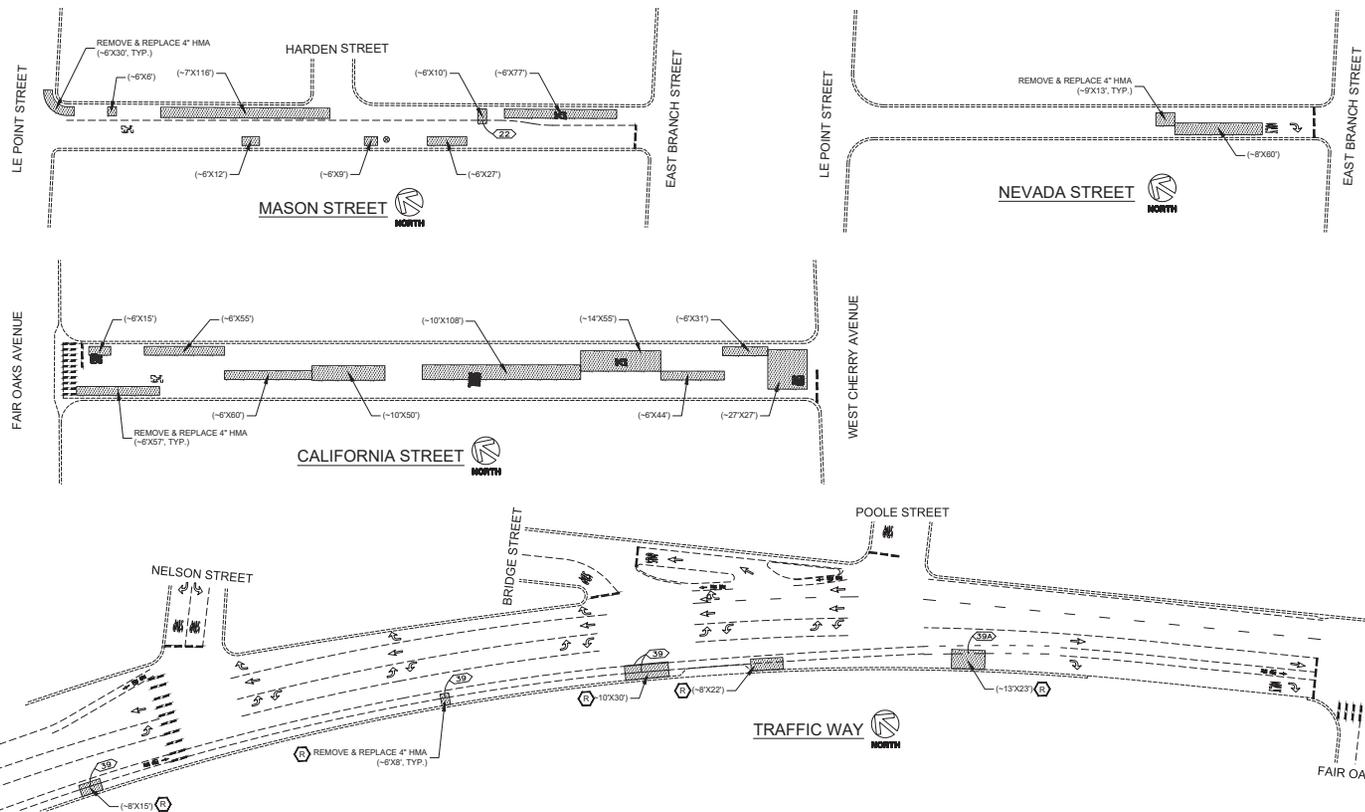


CITY OF ARROYO GRANDE  
DEPARTMENT OF PUBLIC WORKS

2022 STREET REPAIRS PROJECT  
TITLE SHEET

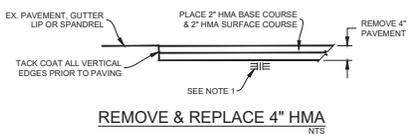
REFERENCE NO. 2023-01

SHEET: 1 of 29



KEY MAP  
NTS

- NOTES:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 4" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



- LEGEND
- REMOVE & REPLACE 4" HMA
  - WATER VALVE
  - CALTRANS STRIPING DETAIL "00"
  - PRUNE & REMOVE TREE ROOTS

DATE: 25-SEP-2022 09:43:21 AM PROJECT: 2022 STREET REPAIRS PROJECT AREA 3A (VARIOUS STREETS) SHEET: 01 OF 05 PLOT: 25-SEP-2022 09:43:21 AM

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

**PE Pavement Engineering Inc.**  
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 San Luis Obispo, CA 93401  
 805.781.2265



DESIGNED BY: JR  
 DRAWN BY: NM  
 CHECKED BY: PM/MW

PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

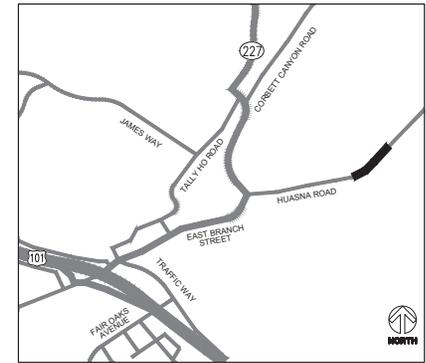
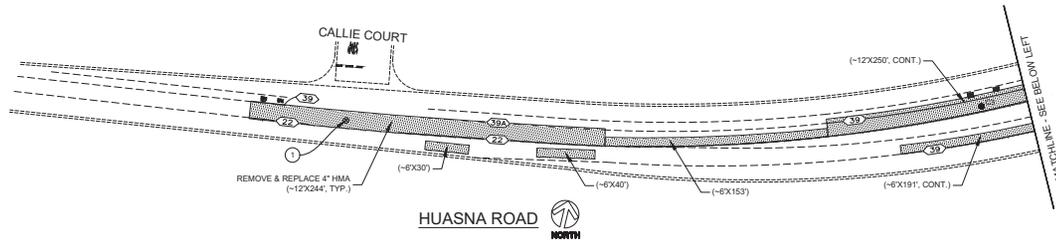
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 HORIZ. 1:40  
 VERT. N/A

**CITY OF ARROYO GRANDE**  
 DEPARTMENT OF PUBLIC WORKS

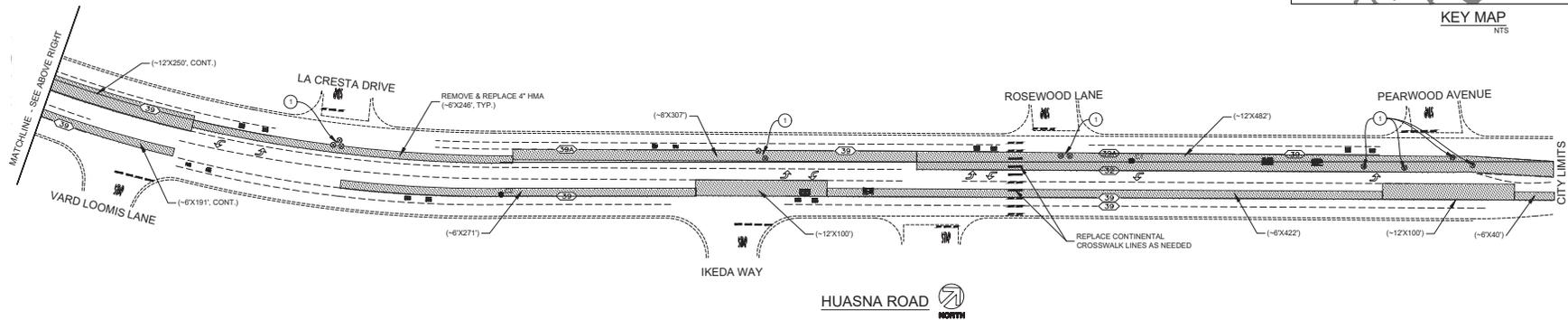
**2022 STREET REPAIRS PROJECT**  
 AREA 3A (VARIOUS STREETS)

REFERENCE NO.  
**2023-01**

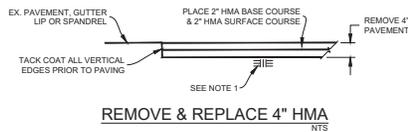
SHEET:  
**2 OF 29**



KEY MAP  
NTS



- NOTES:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 4" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



**BORING LOG**

NO.	AC	FABRIC (Y/N)
C1	7"	Y
C2	6"	Y
C3	6-1/2"	Y

\*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

**LEGEND**

- REMOVE & REPLACE 4" HMA
- WATER VALVE
- CALTRANS STRIPING DETAIL "00"
- BORING LOCATION

**CONSTRUCTION NOTES:**

- ① LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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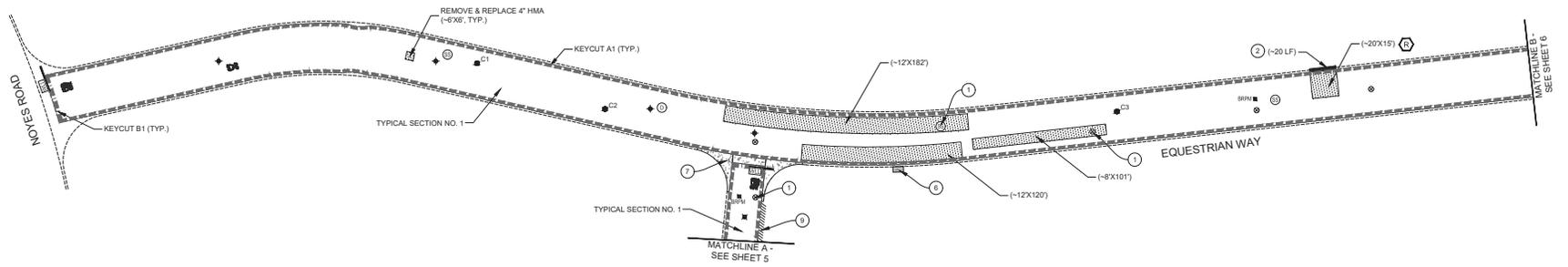


DESIGNED BY: JR	DRAWN BY: NM	CHECKED BY: PM/MW	SCALE: HORIZ. 1:40 VERT. N/A
PREPARED UNDER THE DIRECTION OF: PAUL K. MATEO			

**CITY OF ARROYO GRANDE**  
 DEPARTMENT OF PUBLIC WORKS  
**2022 STREET REPAIRS PROJECT**  
 AREA 3A (HUASNA ROAD)

REFERENCE NO.: 2023-01  
 SHEET: 3 OF 29

FILED: 2:58 PM 08/14/2023 IN THE OFFICE OF THE CLERK OF THE SUPERIOR COURT OF CALIFORNIA, COUNTY OF SAN LUIS OBISPO. PROJECT NO. 2022-01-001. DRAWING NO. 2022-01-001-001.



- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.
  - REMOVE EXISTING CURB & GUTTER. REPLACE WITH CURB & GUTTER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 4030, ISSUED MARCH 2016.
  - REMOVE EXISTING CATCH BASIN. REPLACE WITH CATCH BASIN PER COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PUBLIC WORKS STANDARD DRAWING NO. D-2, ISSUED AUGUST 2022.
  - REMOVE EXISTING CROSS GUTTER. REPLACE WITH CROSS GUTTER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 4310, ISSUED MARCH 2016.
  - REMOVE EXISTING HMA DIKE. REPLACE WITH HMA DIKE, TYPE A, PER 2018 CALTRANS STANDARD PLAN A87B.

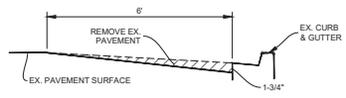
**BORING LOG**

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C1	2'-14"	7'-12"	12	N
C2	2'-14"	-	-	N
C3	4"	-	-	N

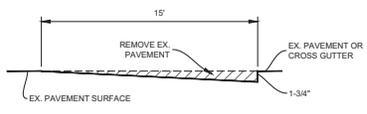
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**LEGEND**

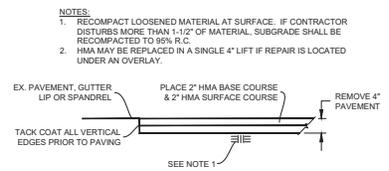
- REMOVE & REPLACE 4" HMA
- TYPE A1 KEYCUT
- TYPE B1 KEYCUT
- REMOVE & REPLACE HMA DIKE, TYPE A
- REMOVE & REPLACE CURB & GUTTER
- REMOVE & REPLACE CROSS GUTTER
- REMOVE & REPLACE CATCH BASIN
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- BORING LOCATION
- WATER VALVE
- BLUE RETROREFLECTIVE PAVEMENT MARKER
- SURVEY MONUMENT
- 12" WHITE LIMIT LINE (THERMO)
- PRUNE & REMOVE TREE ROOTS



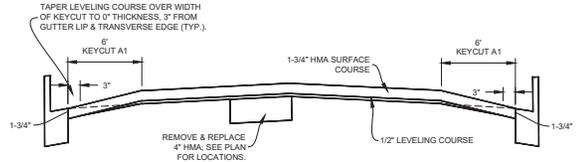
**KEYCUT - TYPE A1  
LONGITUDINAL KEYCUT**  
NTS



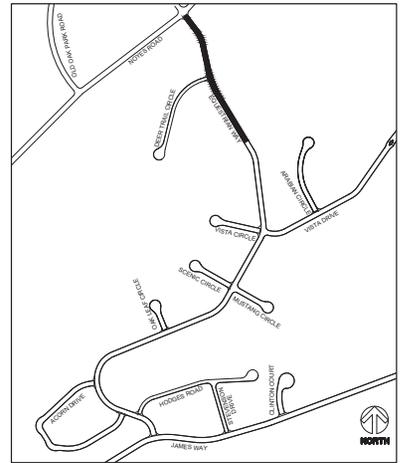
**KEYCUT - TYPE B1  
TRANSVERSE KEYCUT**  
NTS



**REMOVE & REPLACE 4" HMA**  
NTS



**TYPICAL SECTION NO. 1**  
NTS



**KEY MAP**  
NTS

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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DRAWN BY: NM  
CHECKED BY: PM/MW

PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**



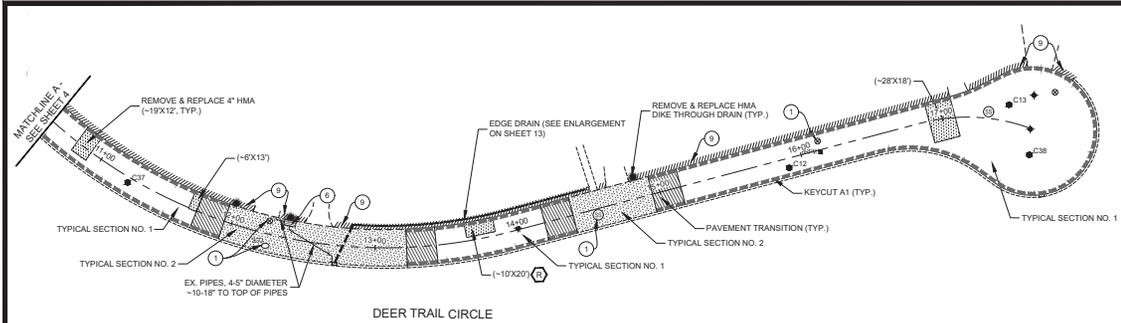
**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

**2022 STREET REPAIRS PROJECT**  
AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)

REFERENCE NO.  
**2023-01**

SHEET:  
**4 OF 29**

DATE: 25 SEP 2023 09:42:47 AM PROJECT: 2022 STREET REPAIRS PROJECT AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD) SHEET: 4 OF 29 PLOT DATE: 21 SEP 2023 09:42:47 AM

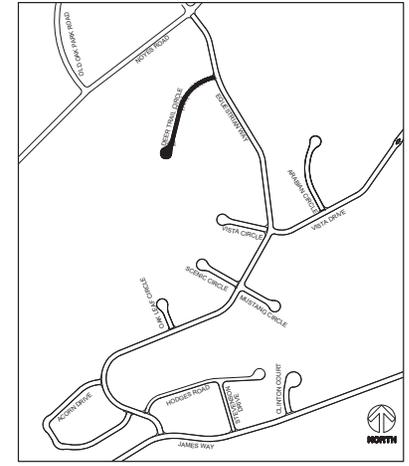


- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.
  - REMOVE EXISTING CATCH BASIN. REPLACE WITH CATCH BASIN PER COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PUBLIC WORKS STANDARD DRAWING NO. D-2, ISSUED AUGUST 2022.
  - REMOVE EXISTING HMA DIKE. REPLACE WITH HMA DIKE, TYPE A, PER 2015 CALTRANS STANDARD PLAN A87B.

**BORING LOG**

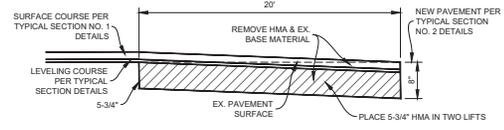
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C12	3"	-	-	N
C13	2-1/2"	-	-	N
C37	2-1/4"	5"	-	N
C38	1-3/4"	7-1/4"	-	N

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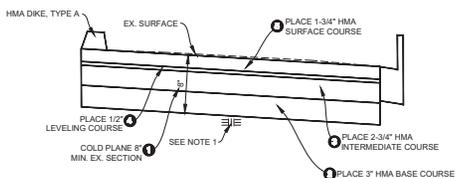


**KEY MAP**  
NTS

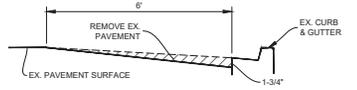
- NOTES:**
- RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  - CONTRACTOR SHALL ONLY REMOVE WHAT CAN BE REPLACED UP TO THE BOTTOM OF SURFACE COURSE IN A SINGLE SHIFT.



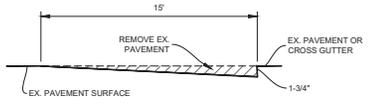
**PAVEMENT TRANSITION**  
NTS



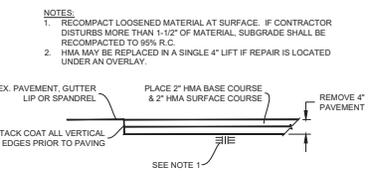
**TYPICAL SECTION NO. 2**  
NTS



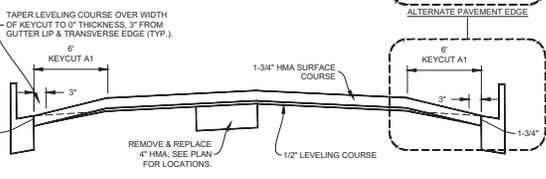
**KEYCUT - TYPE A1  
LONGITUDINAL KEYCUT**  
NTS



**KEYCUT - TYPE B1  
TRANSVERSE KEYCUT**  
NTS



**REMOVE & REPLACE 4\"/>**



**TYPICAL SECTION NO. 1**  
NTS

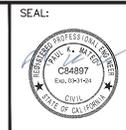
**LEGEND**

- REMOVE & REPLACE 4" HMA
- COLD PLANE & REPLACE
- PAVEMENT TRANSITION
- TYPE A1 KEYCUT
- REMOVE & REPLACE HMA DIKE, TYPE A
- REMOVE & REPLACE CATCH BASIN
- APPROX. LOCATION OF EX. PIPE
- EDGE DRAIN
- 4-INCH DIAMETER HDPE PIPE
- EDGE DRAIN END CLEANOUT
- REMOVE & REPLACE HMA DIKE THROUGH DRAIN
- SANITARY SEWER MANHOLE
- BORING LOCATION
- WATER VALVE
- SEWER CLEANOUT
- BLUE RETROREFLECTIVE PAVEMENT MARKER
- SURVEY MONUMENT
- PRUNE & REMOVE TREE ROOTS

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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DESIGNED BY: JR  
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CHECKED BY: PM/MW

PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

SCALE:  
HORIZ. 1:40  
VERT. N/A

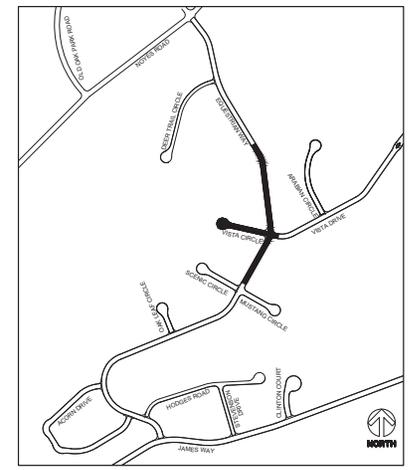
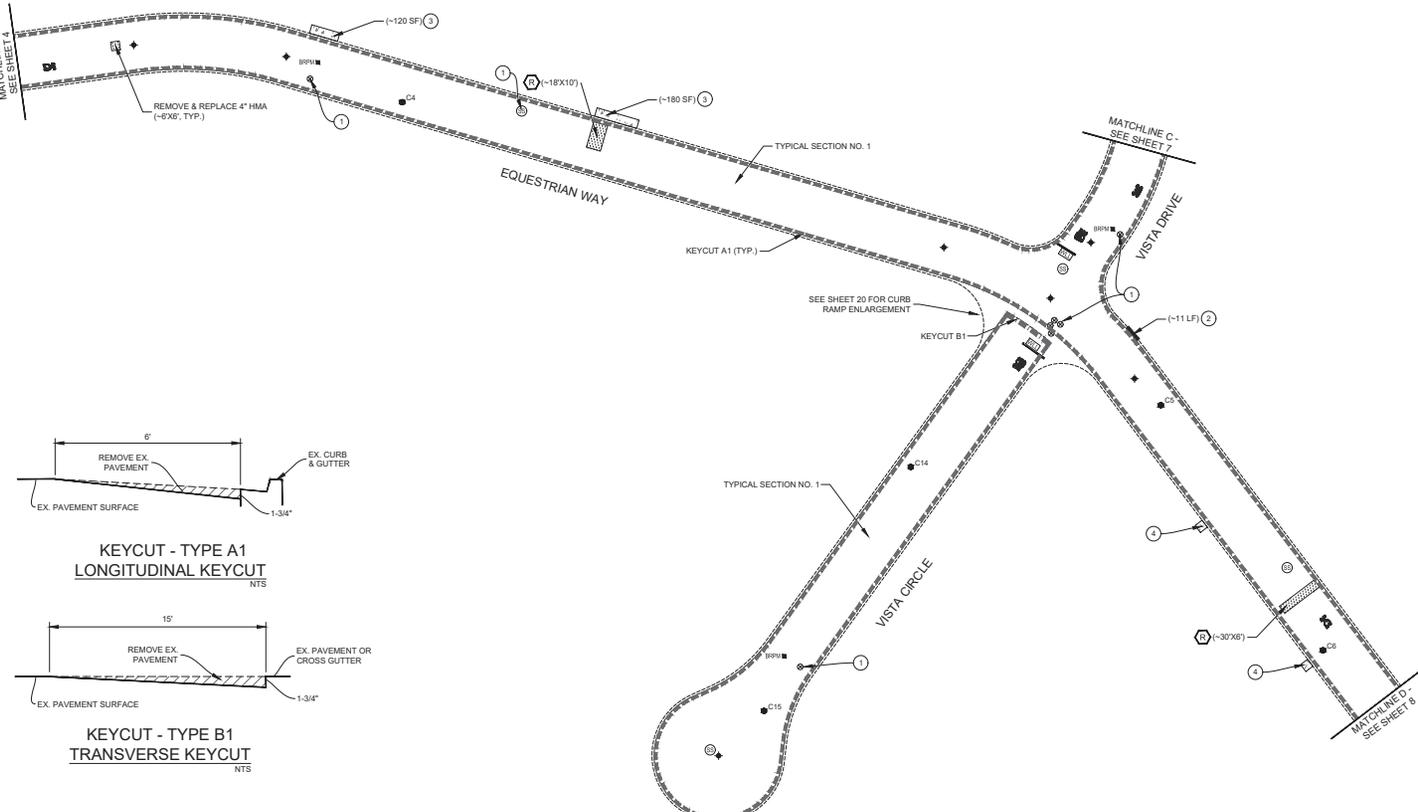
**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

**2022 STREET REPAIRS PROJECT**  
AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)

REFERENCE NO.  
2023-01

SHEET:  
5 OF 29

DATE: 2/28/2023 09:42:47 AM PROJECT: 2022 STREET REPAIRS PROJECT AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD) SHEET: 5 OF 29



KEY MAP  
NTS

- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.
  - REMOVE EXISTING CURB & GUTTER. REPLACE WITH CURB & GUTTER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 4030, ISSUED MARCH 2016.
  - REMOVE EXISTING SIDEWALK. REPLACE WITH SIDEWALK PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 4110, ISSUED MARCH 2016.
  - REMOVE EXISTING SIDEWALK UNDERDRAIN. REPLACE WITH SIDEWALK UNDERDRAIN PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 3420, ISSUED MARCH 2016.

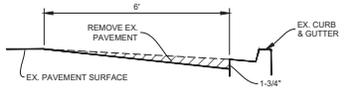
**LEGEND**

- REMOVE & REPLACE 4" HMA
- TYPE A1 KEYCUT
- TYPE B1 KEYCUT
- REMOVE & REPLACE CURB & GUTTER
- REMOVE & REPLACE SIDEWALK
- SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- BORING LOCATION
- WATER VALVE
- BLUE RETROREFLECTIVE PAVEMENT MARKER
- SURVEY MONUMENT
- 12" WHITE LIMIT LINE (THERMO)
- PRUNE & REMOVE TREE ROOTS

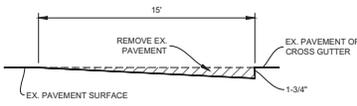
**BORING LOG**

NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C4	2'-1/2"	-	-	N
C5	2'	-	-	N
C6	1'-1/2"	8"	-	N
C14	2'	-	-	N
C15	2'-1/4"	-	-	N

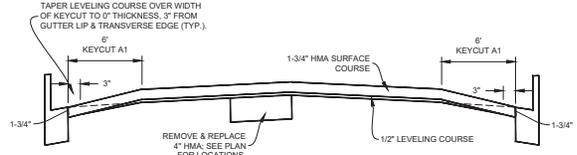
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KEYCUT - TYPE A1  
LONGITUDINAL KEYCUT  
NTS

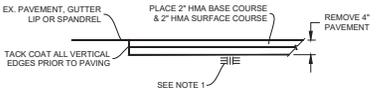


KEYCUT - TYPE B1  
TRANSVERSE KEYCUT  
NTS



TYPICAL SECTION NO. 1  
NTS

- NOTES:**
- RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 98% R.C.
  - HMA MAY BE REPLACED IN A SINGLE 4" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.

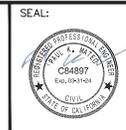


REMOVE & REPLACE 4" HMA  
NTS

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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DESIGNED BY: JR  
DRAWN BY: NM  
CHECKED BY: PM/MW

PREPARED UNDER THE DIRECTION OF:  
PAUL K. MATEO

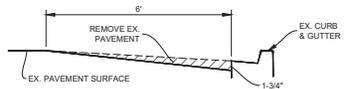
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HORIZ. 1:40  
VERT. N/A

**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

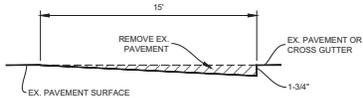
2022 STREET REPAIRS PROJECT  
AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)

REFERENCE NO. 2023-01  
SHEET: 6 OF 29

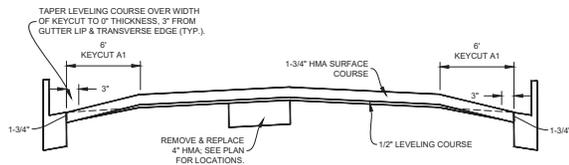
DATE: 2/28/2023 09:46:47 AM PROJECT: 2022 STREET REPAIRS PROJECT AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD) SHEET: 6 OF 29



**KEYCUT - TYPE A1  
LONGITUDINAL KEYCUT**  
NTS

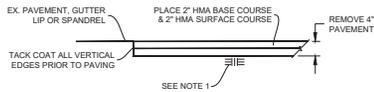


**KEYCUT - TYPE B1  
TRANSVERSE KEYCUT**  
NTS

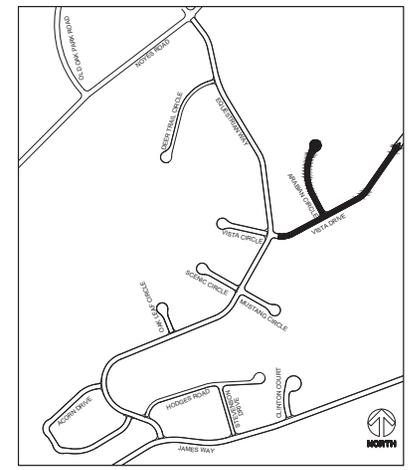
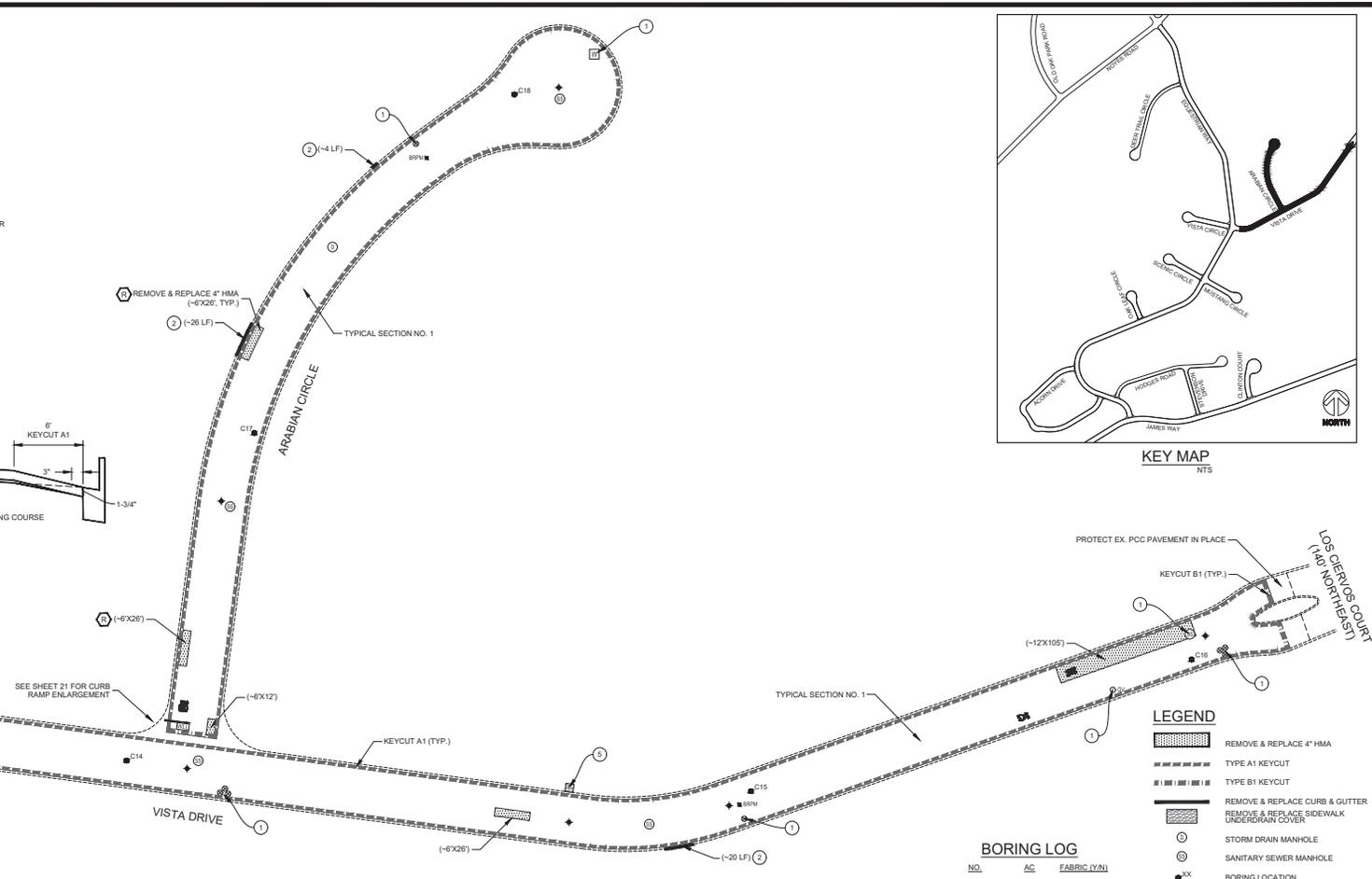


**TYPICAL SECTION NO. 1**  
NTS

- NOTES:**
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 90% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 4" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



**REMOVE & REPLACE 4" HMA**  
NTS



**KEY MAP**  
NTS

**LEGEND**

- REMOVE & REPLACE 4" HMA
- TYPE A1 KEYCUT
- TYPE B1 KEYCUT
- REMOVE & REPLACE CURB & GUTTER
- REMOVE & REPLACE SIDEWALK UNDERDRAIN COVER
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- BORING LOCATION
- WATER VALVE
- GAS VALVE
- WATER METER
- BLUE RETROREFLECTIVE PAVEMENT MARKER
- SURVEY MONUMENT
- 12" WHITE LIMIT LINE (THERMO)
- PRUNE & REMOVE TREE ROOTS

**BORING LOG**

NO.	AC	FABRIC (Y/N)
C14	1-3/4"	N
C15	2"	N
C16	1-1/2"	N
C17	2-1/4"	N
C18	2-3/4"	N

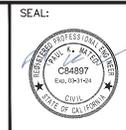
\*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

**CONSTRUCTION NOTES:**

1. LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.
2. REMOVE EXISTING CURB & GUTTER. REPLACE WITH CURB & GUTTER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 4030, ISSUED MARCH 2016.
3. REMOVE EXISTING SIDEWALK UNDERDRAIN COVER. REPLACE WITH SIDEWALK UNDERDRAIN COVER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 3420, ISSUED MARCH 2016.

DESCRIPTION:	DATE:	APPD. BY:

DESIGN FIRM: **Pavement Engineering Inc.**  
*You can ride on our reputation*  
 Corporate Office: 3485 Sacramento Drive, Suite A  
 San Luis Obispo, CA 93401  
 805.781.2265



DESIGNED BY: JR  
 DRAWN BY: NM  
 CHECKED BY: PM/MW  
 PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

SCALE: HORIZ. 1:40  
 VERT. N/A

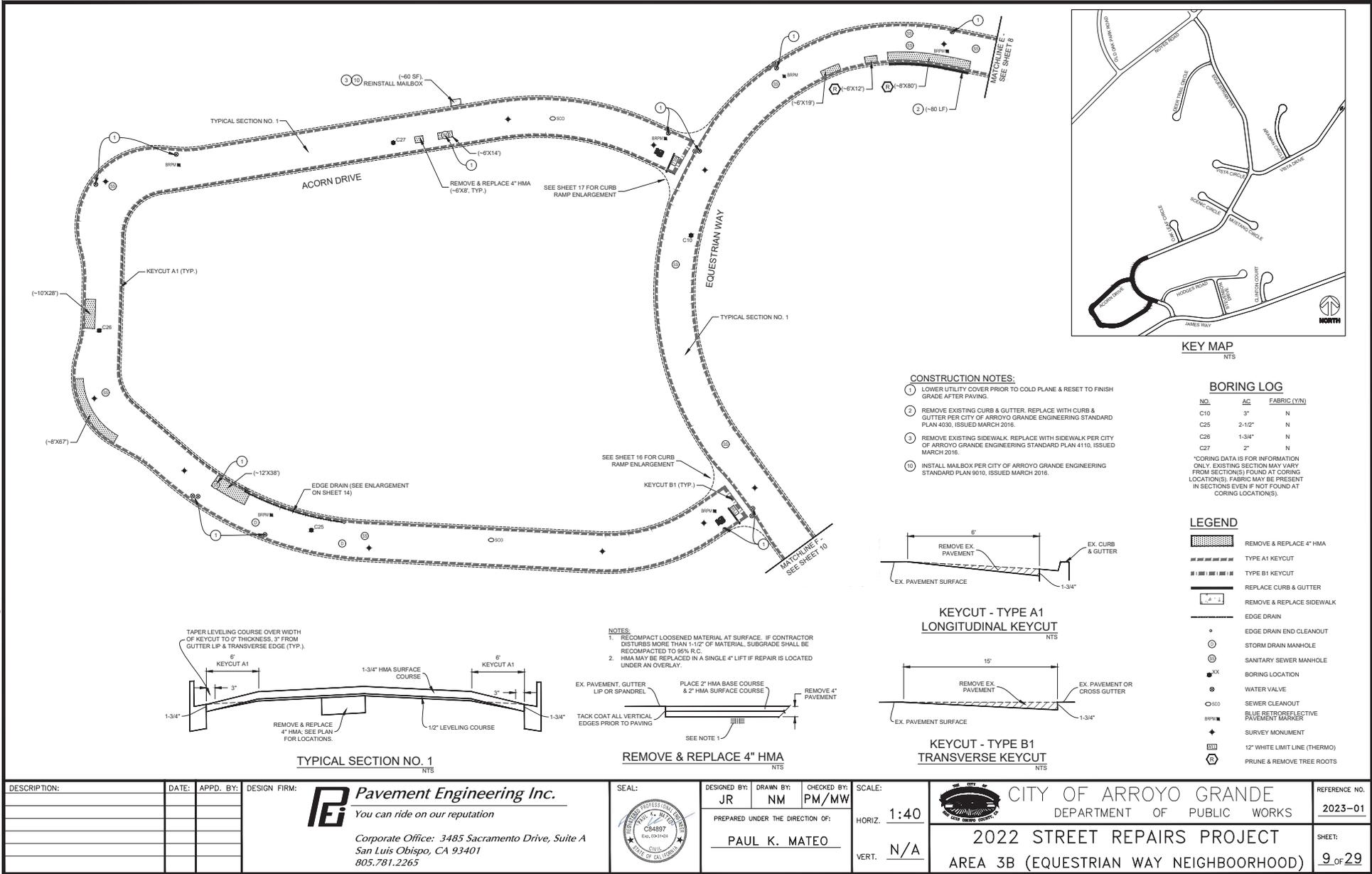
**CITY OF ARROYO GRANDE**  
 DEPARTMENT OF PUBLIC WORKS

**2022 STREET REPAIRS PROJECT**  
 AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)

REFERENCE NO. 2023-01  
 SHEET: 7 OF 29

PLAN: 25-ARROYO DRIVE ACTIVITY PLAN (CONTRACTOR PREPARED) DRAWING: ARROYO GRANDE CITY, C02202515181 (CONTRACTOR PREPARED) SHEET: AREA 3B (EQU) PLAN: 25-ARROYO DRIVE ACTIVITY PLAN (CONTRACTOR PREPARED) DRAWING: ARROYO GRANDE CITY, C02202515181 (CONTRACTOR PREPARED) SHEET: AREA 3B (EQU) PLAN: 25-ARROYO DRIVE ACTIVITY PLAN (CONTRACTOR PREPARED) DRAWING: ARROYO GRANDE CITY, C02202515181 (CONTRACTOR PREPARED) SHEET: AREA 3B (EQU)





**CONSTRUCTION NOTES:**

- 1 LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.
- 2 REMOVE EXISTING CURB & GUTTER. REPLACE WITH CURB & GUTTER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 400, ISSUED MARCH 2016.
- 3 REMOVE EXISTING SIDEWALK. REPLACE WITH SIDEWALK PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 410, ISSUED MARCH 2016.
- 10 INSTALL MAILBOX PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 9010, ISSUED MARCH 2016.

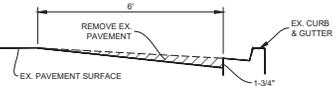
**BORING LOG**

NO.	AC	FABRIC (Y/N)
C10	3'	N
C25	2'-1/2"	N
C26	1'-3/4"	N
C27	2'	N

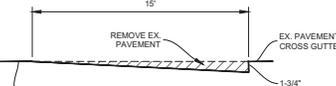
\*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

**LEGEND**

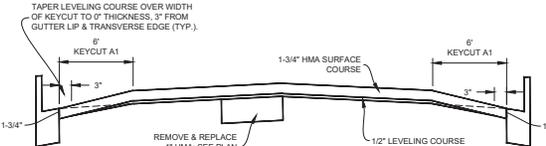
- REMOVE & REPLACE 4" HMA
- TYPE A1 KEYCUT
- TYPE B1 KEYCUT
- REPLACE CURB & GUTTER
- REMOVE & REPLACE SIDEWALK
- EDGE DRAIN
- EDGE DRAIN END CLEANOUT
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- BORING LOCATION
- WATER VALVE
- SEWER CLEANOUT
- BLUE RETROREFLECTIVE PAVEMENT MARKER
- SURVEY MONUMENT
- 12" WHITE LIMIT LINE (THERMO)
- PRUNE & REMOVE TREE ROOTS



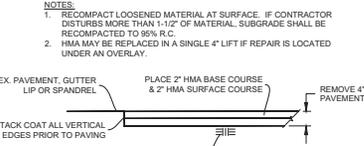
**KEYCUT - TYPE A1 LONGITUDINAL KEYCUT**  
NTS



**KEYCUT - TYPE B1 TRANSVERSE KEYCUT**  
NTS



**TYPICAL SECTION NO. 1**  
NTS



**REMOVE & REPLACE 4" HMA**  
NTS

- NOTES:**
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 4" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.

PLAN: 25-ARROYO DRIVE/ACORN DRIVE/EQUESTRIAN WAY NEIGHBORHOOD, AREA 3B, 2022. DATE: 03/20/22. BY: JRM/PM. CHECKED BY: PM/MW. SCALE: 1"=40'.

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

**Pavement Engineering Inc.**  
*You can ride on our reputation*  
 Corporate Office: 3485 Sacramento Drive, Suite A  
 San Luis Obispo, CA 93401  
 805.781.2265

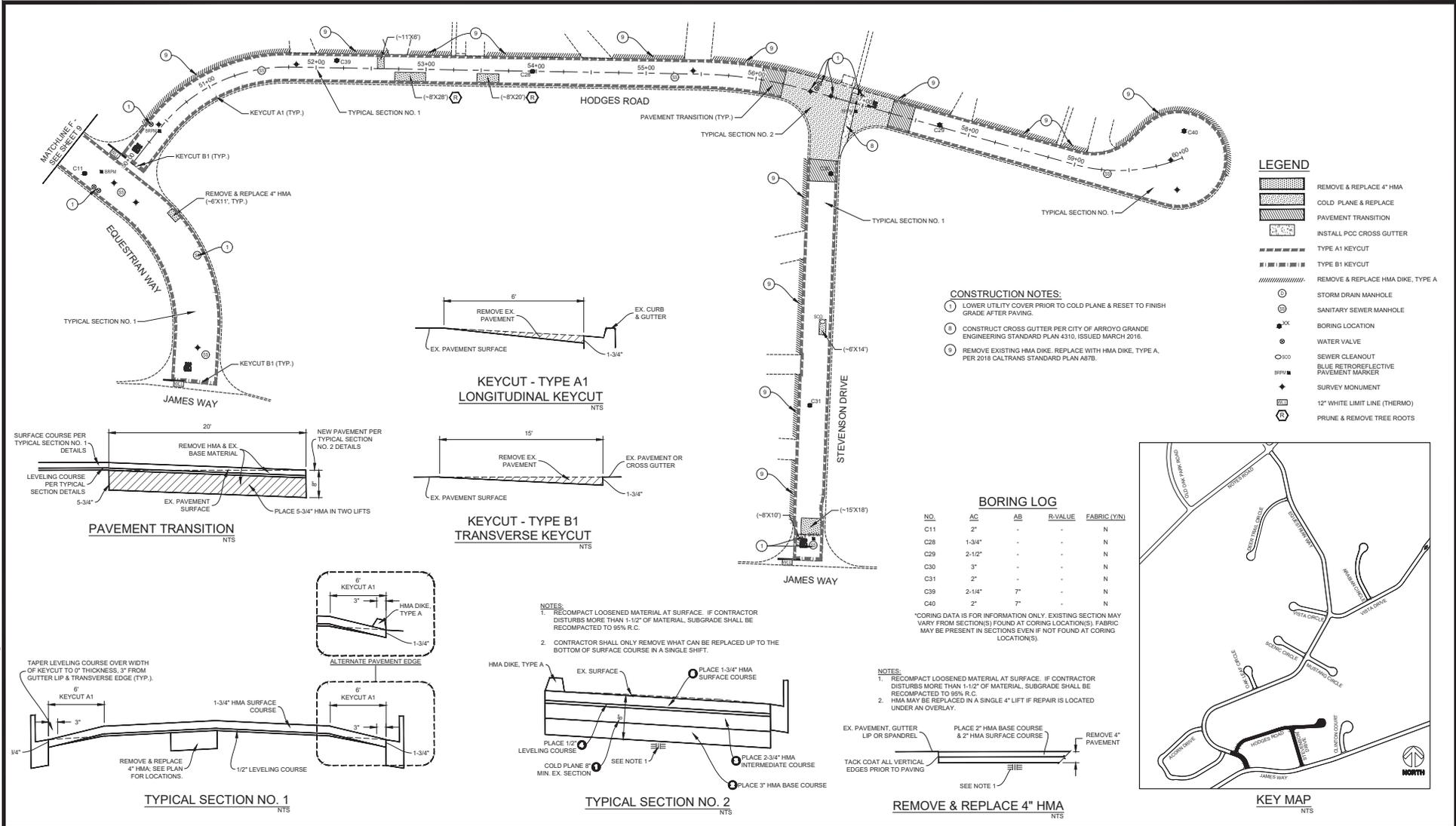


DESIGNED BY: JR  
 DRAWN BY: NM  
 CHECKED BY: PM/MW  
 PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

SCALE:  
 HORIZ. 1:40  
 VERT. N/A

**CITY OF ARROYO GRANDE**  
 DEPARTMENT OF PUBLIC WORKS  
**2022 STREET REPAIRS PROJECT**  
 AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)

REFERENCE NO.: 2023-01  
 SHEET: 9 of 29



**LEGEND**

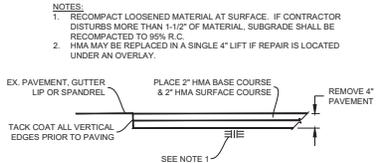
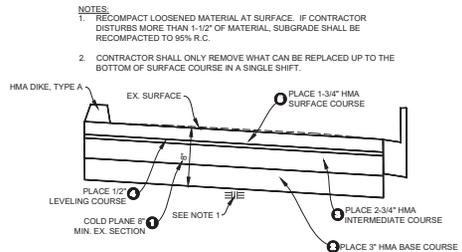
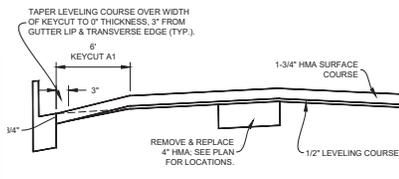
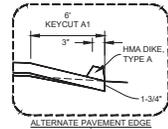
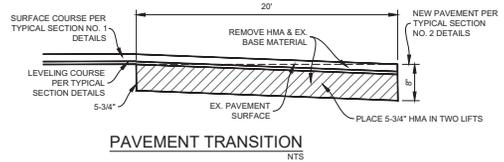
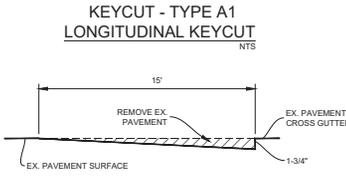
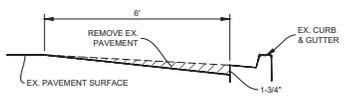
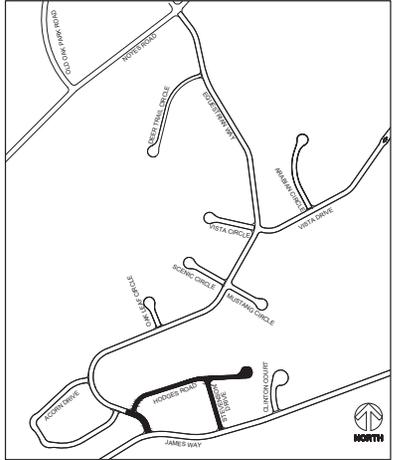
- REMOVE & REPLACE 4" HMA
- COLD PLANE & REPLACE PAVEMENT TRANSITION
- INSTALL PCC CROSS GUTTER
- TYPE A1 KEYCUT
- TYPE B1 KEYCUT
- REMOVE & REPLACE HMA DIKE, TYPE A
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- BORING LOCATION
- WATER VALVE
- SEWER CLEANOUT
- BLUE RETROREFLECTIVE PAVEMENT MARKER
- SURVEY MONUMENT
- 12" WHITE LIMIT LINE (THERMO)
- PRUNE & REMOVE TREE ROOTS

- CONSTRUCTION NOTES:**
- LOWER UTILITY COVER PRIOR TO COLD PLANE & RESET TO FINISH GRADE AFTER PAVING.
  - CONSTRUCT CROSS GUTTER PER CITY OF ARROYO GRANDE ENGINEERING STANDARD PLAN 4310, ISSUED MARCH 2016.
  - REMOVE EXISTING HMA DIKE. REPLACE WITH HMA DIKE, TYPE A, PER 2018 CALTRANS STANDARD PLAN A87B.

**BORING LOG**

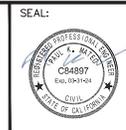
NO.	AC	AB	R-VALUE	FABRIC (Y/N)
C11	2"	-	-	N
C28	1-3/4"	-	-	N
C29	2-1/2"	-	-	N
C30	3"	-	-	N
C31	2"	-	-	N
C39	2-1/4"	7"	-	N
C40	2"	7"	-	N

\*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).



DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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 805.781.2265

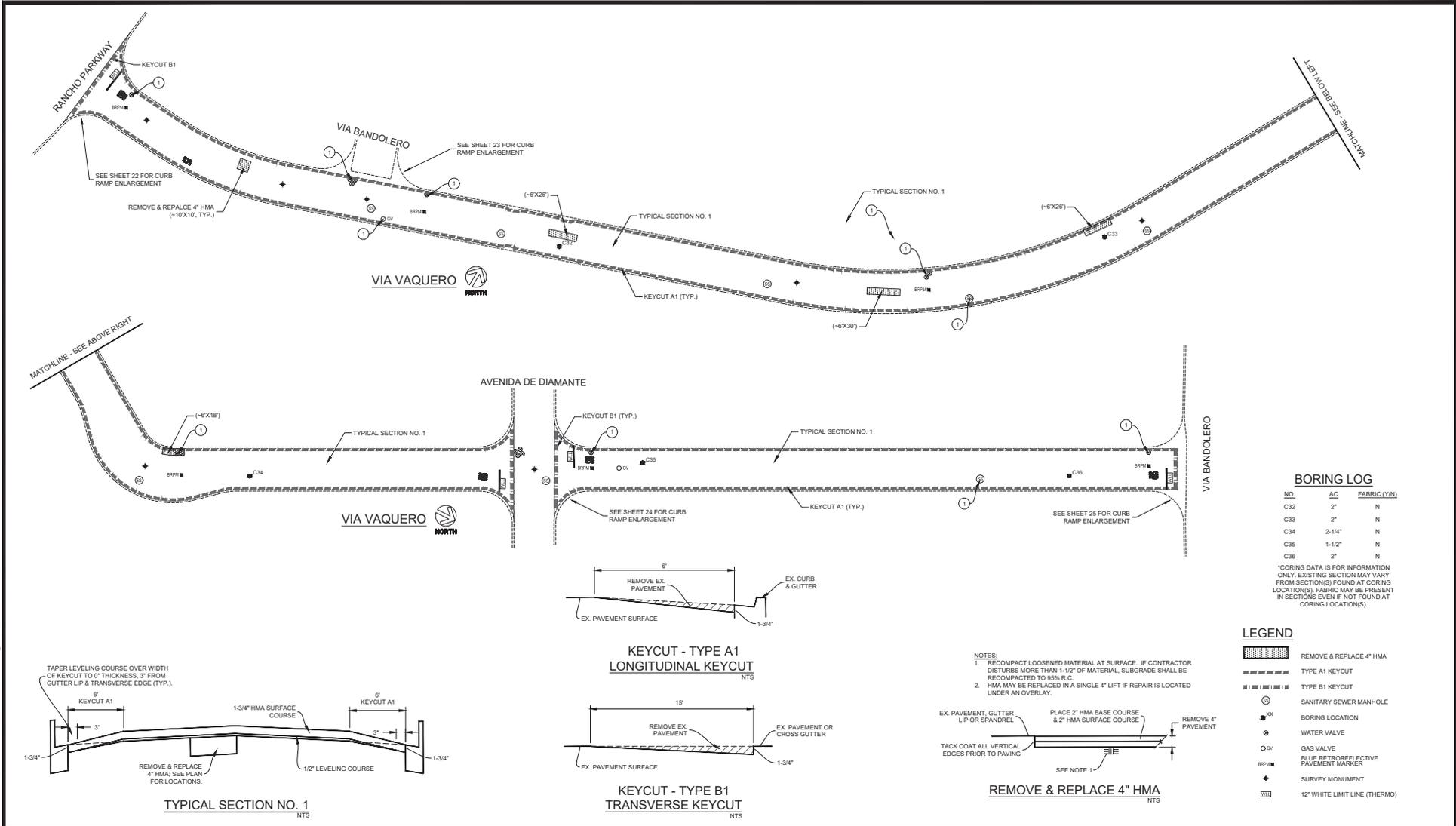


DESIGNED BY: JR  
 DRAWN BY: NM  
 CHECKED BY: PM/MW  
 PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

**CITY OF ARROYO GRANDE**  
 DEPARTMENT OF PUBLIC WORKS  
**2022 STREET REPAIRS PROJECT**  
 AREA 3B (EQUESTRIAN WAY NEIGHBORHOOD)

REFERENCE NO. 2023-01  
 SHEET: 10 of 29

FILE: Z:\ARROYO GRANDE\PROJECTS\2022\2022 AREA 3B.DWG PLOT DATE: 11/02/23 10:57 AM  
 FILE: Z:\ARROYO GRANDE\PROJECTS\2022\2022 AREA 3B.DWG PLOT DATE: 11/02/23 10:57 AM



**BORING LOG**

NO.	AC	FABRIC (Y/N)
C32	2"	N
C33	2"	N
C34	2-1/4"	N
C35	1-1/2"	N
C36	2"	N

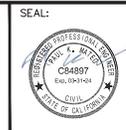
\*CORING DATA IS FOR INFORMATION ONLY. EXISTING SECTION MAY VARY FROM SECTION(S) FOUND AT CORING LOCATION(S). FABRIC MAY BE PRESENT IN SECTIONS EVEN IF NOT FOUND AT CORING LOCATION(S).

DATE: 2/28/2023 10:48:47 AM PROJECT: 2022 STREET REPAIRS AREA 3B - VIA VAQUERO DRUGS PLAN NO: 20220218

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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San Luis Obispo, CA 93401  
805.781.2265



DESIGNED BY: JR	DRAWN BY: CM	CHECKED BY: PM/MW
PREPARED UNDER THE DIRECTION OF: PAUL K. MATEO		

**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

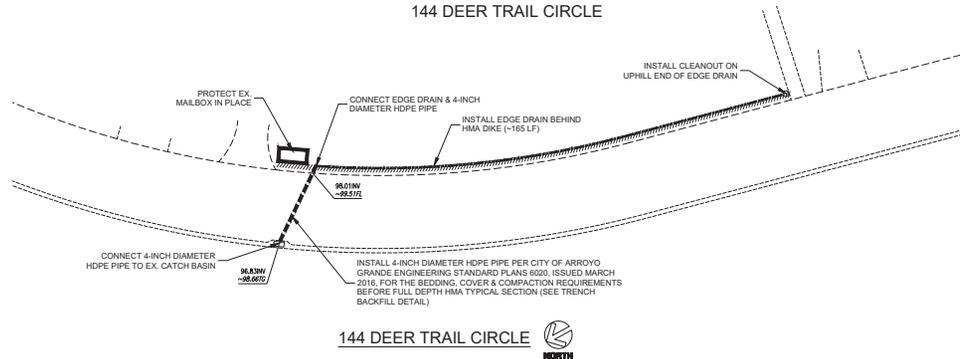
**2022 STREET REPAIRS PROJECT**  
AREA 3B (VIA VAQUERO)

SCALE: HORIZ. 1:40  
VERT. N/A

REFERENCE NO. 2023-01  
SHEET: 1 of 29



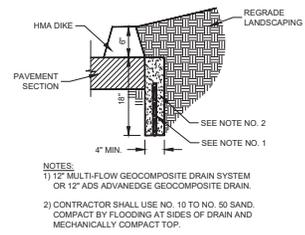
144 DEER TRAIL CIRCLE



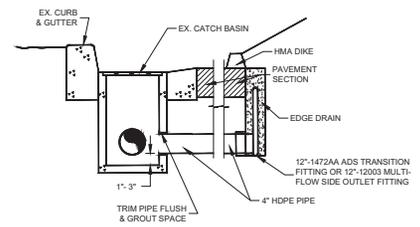
144 DEER TRAIL CIRCLE  
NORTH

**LEGEND**

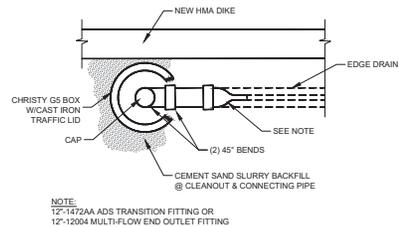
	EDGE DRAIN
	4-INCH DIAMETER HDPE PIPE
	EDGE DRAIN END CLEANOUT
	HMA DIKE, TYPE A
	MAILBOX (EX.)
	FLOWLINE
	INVERT
	TOP OF GRATE
	DESIGN ELEVATION
	EXIST. ELEVATION



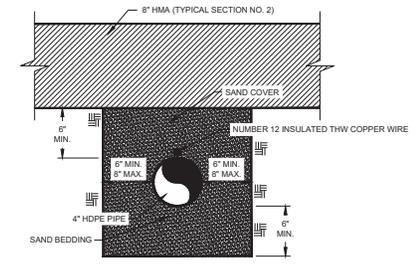
TYPICAL EDGE DRAIN INSTALLATION (HMA DIKE)  
NTS



EDGE DRAIN CONNECTION TO INLET  
NTS



END CLEANOUT NEXT TO HMA DIKE  
NTS



**NOTES:**  
 1) SAND BEDDING & SHADING SHALL BE CLEAN SAND COMPACTED TO MIN. 95% RELATIVE COMPACTION.  
 2) PIPE TO BE INSTALLED PRIOR TO REMOVE & REPLACE 8" HMA.  
 3) TOP OF PIPE LIKELY TO BE WITH -6" OF BOTTOM OF REMOVE & REPLACE HMA SECTION.  
 4) NUMBER 12 INSULATED TWH COPPER WIRE SHALL BE PLACED CONTINUOUSLY OVER PIPE.  
 5) ADDITIONAL DETAIL FOUND ON CITY OF ARROYO GRANDE STANDARD PLAN 6020.

TRENCH BACKFILL DETAIL  
NTS

DATE: 2/28/2023 09:42:43 AM PROJECT: 2022 STREET REPAIRS ARROYO GRANDE CITY OF ARROYO GRANDE DRAWN BY: PKM CHECKED BY: JLR SCALE: 1:20 SHEET: 13 OF 29

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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 Corporate Office: 3485 Sacramento Drive, Suite A  
 San Luis Obispo, CA 93401  
 805.781.2265



DESIGNED BY: JLR	DRAWN BY: PKM	CHECKED BY: JLR	SCALE: HORIZ. 1:20 VERT. N/A
PREPARED UNDER THE DIRECTION OF: PAUL K. MATEO			

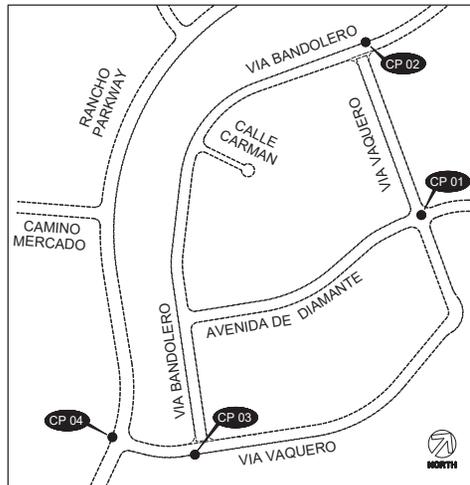
 CITY OF ARROYO GRANDE DEPARTMENT OF PUBLIC WORKS	REFERENCE NO. 2023-01
	SHEET: 13 OF 29

2022 STREET REPAIRS PROJECT  
 DEER TRAIL CIRCLE EDGE DRAIN ENLARGEMENT



**CURB RAMP CONSTRUCTION: GENERAL NOTES**

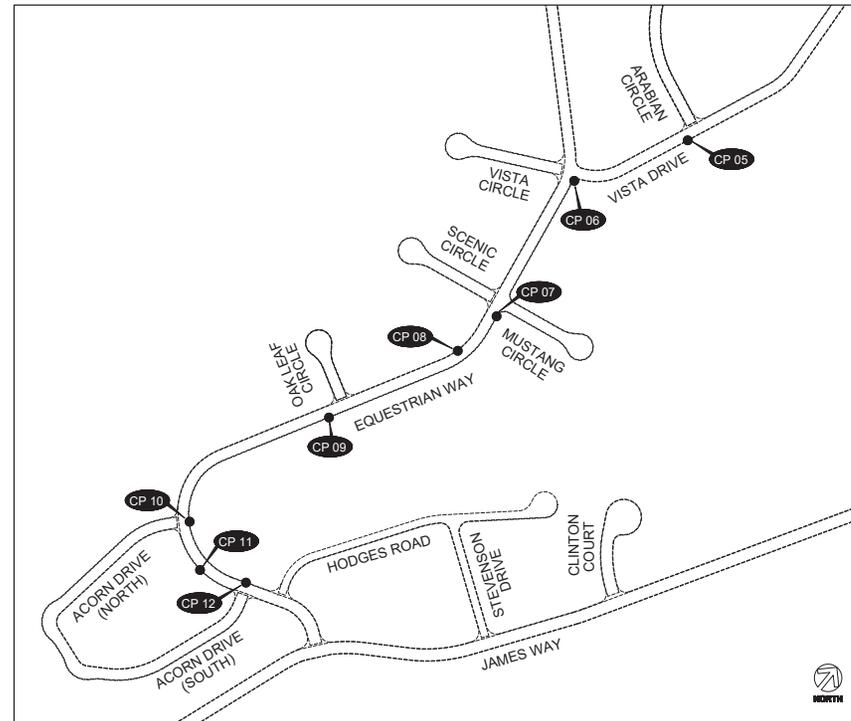
- PRIOR TO INSTALLATION OF NEW CURB RAMP, CONTRACTOR SHALL COORDINATE WITH CITY REPRESENTATIVE FOR TRIMMING OR REMOVAL OF PRIVATE LANDSCAPE PLANTINGS. NO PLANT MATERIAL SHALL BE ALTERED OR OTHERWISE REMOVED WITHOUT PRIOR APPROVAL OF THE CITY.
- CURB RAMP DESIGNS ARE BASED ON THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG) & CALTRANS 2016 STANDARD PLANS A88A & A88B. REFER TO STANDARD PLANS A88A & A88B FOR ADDITIONAL DETAILS & INFORMATION.
- SLOPES SHOWN ON THESE PLANS ARE APPROXIMATE, SOME FIELD-ADJUSTMENT MAY BE NECESSARY DURING LAYOUT & CONSTRUCTION.
- CONCRETE FACILITIES SHALL BE CONSTRUCTED PER THE MARCH 2016 EDITION OF THE CITY OF ARROYO GRANDE STANDARD PLANS, AS FOLLOWS:
  - CURB & GUTTER (STAND-ALONE) ..... #4030
  - SIDEWALK, CURB & GUTTER ..... #4110
  - CROSS-GUTTER & SPANDREL ..... #4310
  - CONCRETE CUTTING ..... #4910
  - ASPHALT CONCRETE PAVEMENT REPAIR ..... #4915
  - METAL SIGN POST ..... #7210
  - SIGN PLACEMENT ..... #7220
- ALL SAWCUTTING THROUGH CONCRETE & ASPHALT PAVEMENT SHALL EXTEND FULL-DEPTH OF THE MATERIAL. SAWCUTS IN CONCRETE SHALL ALWAYS BE ON AN EXISTING JOINT LINE UNLESS OTHERWISE ALLOWED BY THE CITY'S REPRESENTATIVE PRIOR TO CUTTING. ANY CHIPPED, BROKEN OR OTHERWISE IRREGULAR CONCRETE OR ASPHALT PAVEMENT EDGES SHALL BE RE-SAWCUT AS DIRECTED BY THE CITY'S REPRESENTATIVE PRIOR TO REPLACING CONCRETE OR HOT-MIX ASPHALT MATERIAL.
- NEW CONCRETE FACILITIES SHALL BE DOWELED & EPOXIED TO EX. CONCRETE USING 18" #4 BARS SPACED @ 12" O.C. MAX. NEAREST DOWEL TO OUTERMOST FACE OF CONCRETE SHALL BE NO CLOSER THAN 3" UNLESS OTHERWISE DIRECTED BY CITY REPRESENTATIVE.
- PAINTED LINES & LEGENDS SHOWN IN ENLARGEMENTS REPRESENT EXISTING & MAY CHANGE AS DIRECTED BY CITY REPRESENTATIVE.
- LANDSCAPE RESTORATION SHALL CONSIST OF SALVAGING & REPLACING LANDSCAPING MATERIALS BEHIND NEW CONCRETE CONSTRUCTION. THESE MATERIALS MAY INCLUDE BUT ARE NOT LIMITED TO: BARK MULCH, DECORATIVE ROCK, COBBLE OR BOULDERS, CONCRETE PAVERS, BRICK, TURF, & DECORATIVE EDGING. CONTRACTOR SHALL DISTURB EX. LANDSCAPE MATERIALS TO THE MINIMUM AMOUNT POSSIBLE DURING DEMOLITION, LAYOUT & CONSTRUCTION OF RAMP. WHERE MATERIALS MUST BE DISTURBED OR REMOVED, CONTRACTOR SHALL CAREFULLY SALVAGE & STORE ON-SITE SAID MATERIALS UNTIL CURB RAMP CONSTRUCTION IS APPROVED BY THE CITY'S REPRESENTATIVE, AFTER WHICH SALVAGED MATERIALS SHALL BE RESTORED TO THEIR ORIGINAL PLACEMENT & CONDITION. IF EXISTING MATERIALS CANNOT BE SALVAGED, CONTRACTOR SHALL PROCURE & INSTALL WISAME MATERIALS.
- LANDSCAPE RESTORATION MAY ALSO INCLUDE REPAIR OR REPLACEMENT OF DAMAGED IRRIGATION FACILITIES CAUSED BY THE CONTRACTOR'S EFFORTS. CONTRACTOR SHALL EXERCISE REASONABLE CAUTION DURING DEMOLITION & CONSTRUCTION TO AVOID DAMAGING IRRIGATION DRIPLINES, LATERAL LINES, VALVES, POP-UP SPRINKLERS, ETC. ANY DAMAGED IRRIGATION FACILITIES SHALL BE REPAIRED OR RESTORED TO WORKING ORDER TO THE SATISFACTION OF THE CITY'S REPRESENTATIVE.
- ALL EXISTING FACILITIES ADJACENT TO ZONE OF CONSTRUCTION SHALL BE PROTECTED AT ALL TIMES BY THE CONTRACTOR TO AVOID DAMAGE TO SAID FACILITIES. IF IT IS THE CONTRACTOR'S OPINION THAT ITEMS CANNOT BE PROTECTED IN PLACE DURING THE WORK, CONTRACTOR SHALL NOTIFY THE CITY'S REPRESENTATIVE IN ADVANCE OF STARTING THE WORK. ANY ITEMS WHICH ARE TEMPORARILY RELOCATED TO AVOID DAMAGE SHALL BE REPLACED TO THEIR ORIGINAL LOCATION & CONDITION AT THE COMPLETION OF THE WORK. ANY FACILITIES WHICH ARE FOUND TO BE MISSING OR DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S SOLE EXPENSE & TO THE SATISFACTION OF THE CITY'S REPRESENTATIVE.



VIA VAQUERO: CONTROL DATA MAP

1"= 200'

VIA VAQUERO: CONTROL DATA SUMMARY					
POINT #	DESCRIPTION	ELEVATION	NORTHING	EASTING	INTERSECTION
01	CP MAG TIN	283.45'	2243492.8420'	5787258.1100'	AVENIDA DE DIAMANTE
02	CP MAG TIN TO	288.31'	2244094.3650'	5787686.2020'	VIA BANDOHERO (NORTH)
03	CP CHISLD X	233.91'	2242700.5010'	5786469.5950'	VIA BANDOHERO (SOUTH)
04	CP CHISLD X	236.04'	2242768.4460'	5786170.3970'	RANCHO PARKWAY



EQUESTRIAN WAY NEIGHBORHOOD: CONTROL DATA MAP

1"= 200'

EQUESTRIAN WAY NEIGHBORHOOD: CONTROL DATA SUMMARY					
POINT #	DESCRIPTION	ELEVATION	NORTHING	EASTING	INTERSECTION
05	CP SPIKE	271.66'	2246813.9280'	5786157.8490'	VISTA DRIVE @ ARABIAN CIRCLE
06	CP SPIKE	275.63'	2246682.2460'	5785754.6680'	VISTA CIRCLE
07	CP SPIKE	244.62'	2246027.7090'	5785481.8320'	SCENIC CIRCLE
08	CP SPIKE	226.45'	2244007.6630'	5785297.0600'	
09	CP SPIKE	214.66'	2245890.3850'	5784892.0490'	OAK LEAF CIRCLE
10	CP SPIKE	174.54'	2245547.4200'	5784403.0640'	ACORN DRIVE (NORTH)
11	CP SPIKE	148.99'	2245382.1000'	5784440.0900'	
12	CP SPIKE	132.53'	2245337.3380'	5784588.3680'	ACORN DRIVE (SOUTH)

PLAN: 222480001.DWG DATE: 01/11/2022 10:58:00 AM PROJECT: 2022 STREET REPAIRS PROJECT - ARROYO GRANDE, CITY OF ARROYO GRANDE DRAWN BY: PAUL K. MATEO CHECKED BY: PAUL K. MATEO SCALE: 1"= 200' SHEET: 15 OF 29

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:



Corporate Office: 3485 Sacramento Drive, Suite A  
San Luis Obispo, CA 93401  
805.781.2265



DESIGNED BY:	DRAWN BY:	CHECKED BY:
MW	MW	PM
PREPARED UNDER THE DIRECTION OF:		
PAUL K. MATEO		

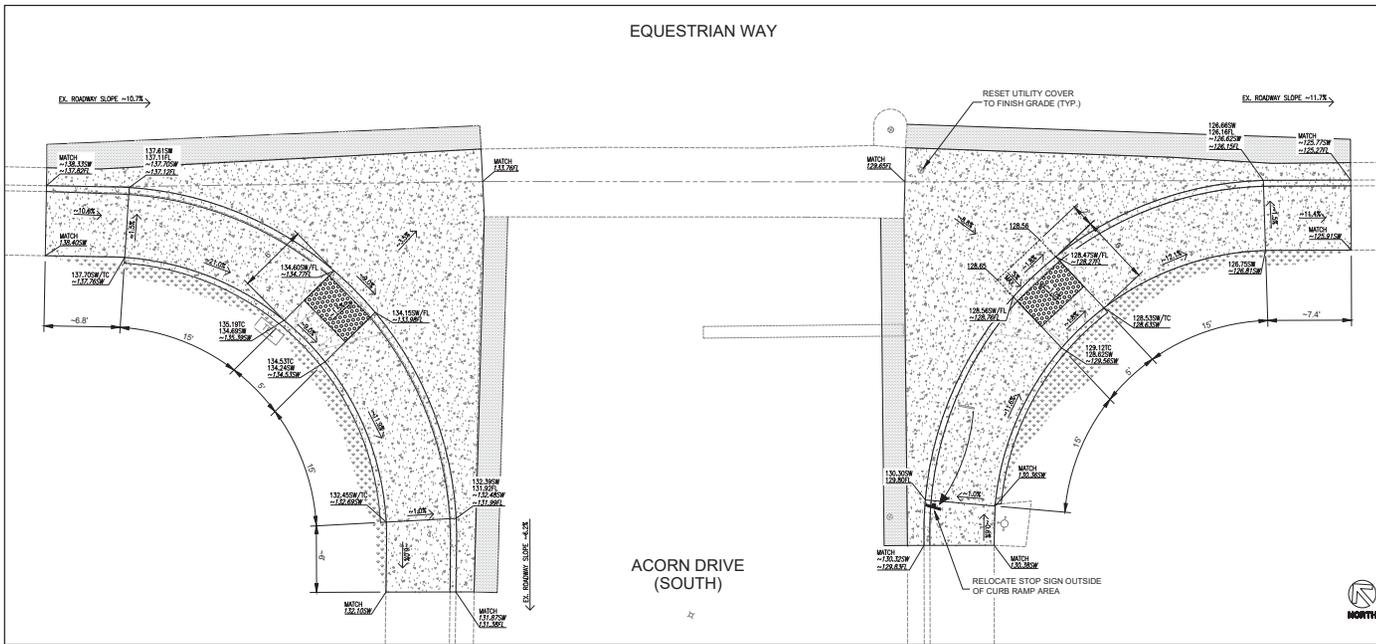


CITY OF ARROYO GRANDE  
DEPARTMENT OF PUBLIC WORKS

2022 STREET REPAIRS PROJECT  
CONTROL POINT DATA SUMMARY

REFERENCE NO.	2023-01
SHEET:	15 OF 29

EQUESTRIAN WAY



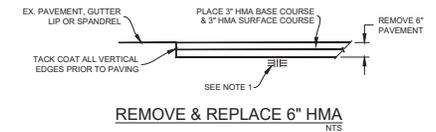
ACORN DRIVE (SOUTH)

LEGEND

- REMOVE & REPLACE/INSTALL PCC FACILITIES (SIDEWALK, CURB, GUTTER & SPANDRELS)
- INSTALL DETECTABLE WARNING SURFACE  
HMA CONFORM: R/R 6" OR MATCH EX.  
PAVEMENT THICKNESS, WHICHEVER IS GREATER
- LANDSCAPE RESTORATION
- LIGHT STANDARD (EX.)
- SURVEY NAIL OR MARKER (EX.)
- SIGN POST (EX.)
- SIGN POST (RELOCATED)
- WATER VALVE COVER (EX.)
- SANITARY SEWER MANHOLE (EX.)
- FIRE HYDRANT (EX.)
- ELECTRICAL VAULT (EX.)
- TELECOM VAULT (EX.)
- EP
- FL
- SIDEWALK
- TC
- XXX.XX DESIGN ELEVATION(S) (NON-TALCIZED)
- XXXX.XX EXIST. ELEVATION(S) (TALCIZED)

**NOTE:**  
SEE SHEET 15 FOR CONTROL POINT DATA SUMMARY & CONSTRUCTION NOTES FOR CURB RAMPS.

- NOTES:**
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1"12" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 6" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



REMOVE & REPLACE 6" HMA  
NTS

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

**PE Pavement Engineering Inc.**  
You can ride on our reputation

Corporate Office: 3485 Sacramento Drive, Suite A  
San Luis Obispo, CA 93401  
805.781.2265



DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MPW	MPW	PKM	HORIZ. 1:5
PREPARED UNDER THE DIRECTION OF:			VERT. N/A
PAUL K. MATEO			

**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

2022 STREET REPAIRS PROJECT  
EQUESTRIAN WAY & ACORN DRIVE (SOUTH)

REFERENCE NO.	2023-01
SHEET:	16 OF 29

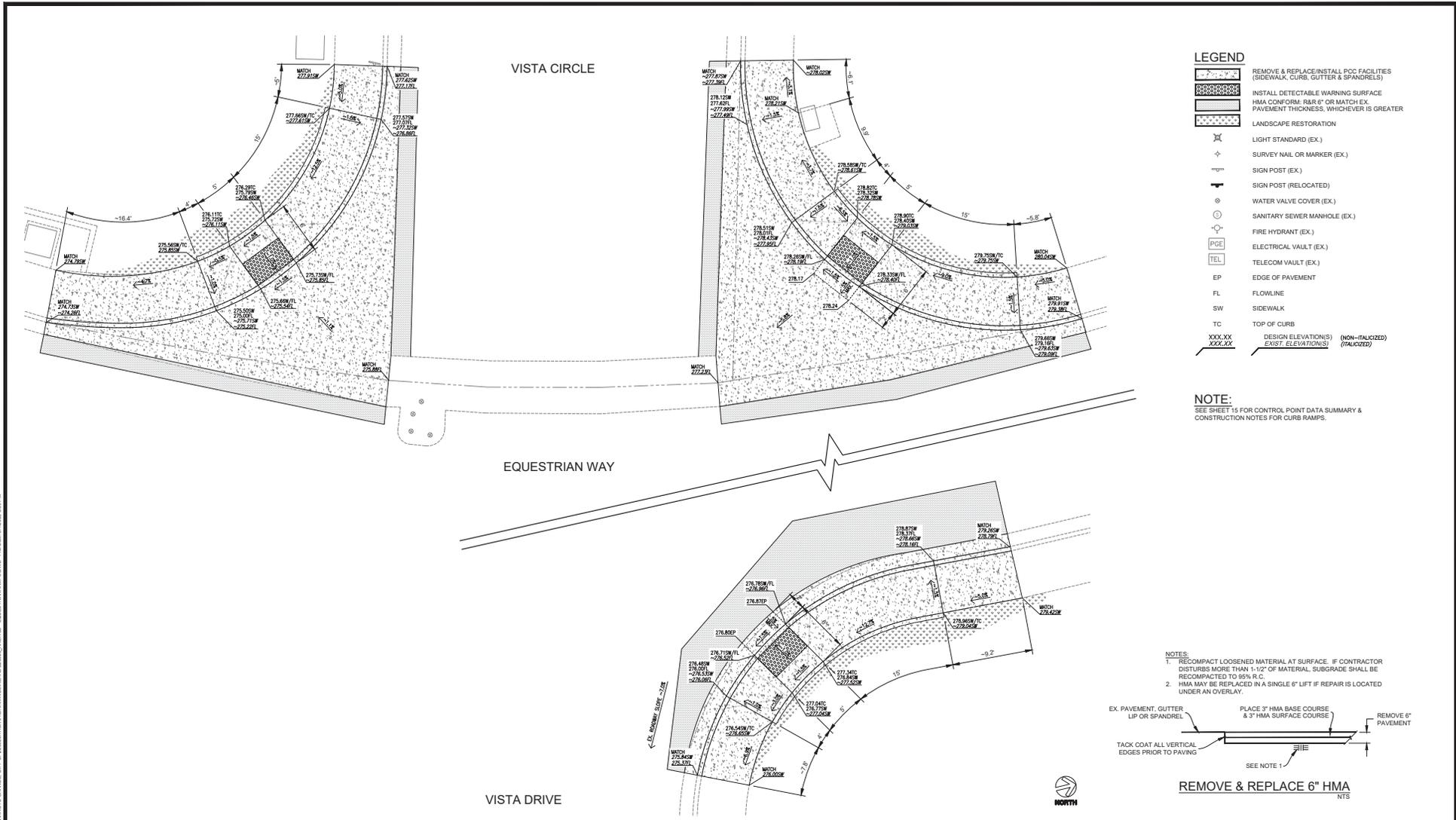
DATE: 2/28/2023 09:45:11 AM PROJECT: 2022 STREET REPAIRS PROJECT SHEET: 16 OF 29 DRAWN BY: MPW CHECKED BY: PKM DESIGNED BY: MPW







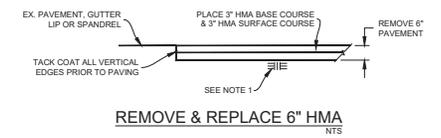
PLAN: 25848000.DWG DATE: 01/11/2022 10:00 AM PROJECT: 2022 STREET REPAIRS PROJECT SHEET: 20 OF 29 EQUESTRIAN WAY DRIVE SAN LUIS OBISPO, CA 93401



LEGEND	
	REMOVE & REPLACE/INSTALL PCC FACILITIES (SIDEWALK, CURB, GUTTER & SPANDRELS)
	INSTALL DETECTABLE WARNING SURFACE HMA CONFORM: R&R 6" OR MATCH EX. PAVEMENT THICKNESS, WHICHEVER IS GREATER
	LANDSCAPE RESTORATION
	LIGHT STANDARD (EX.)
	SURVEY NAIL OR MARKER (EX.)
	SIGN POST (EX.)
	SIGN POST (RELOCATED)
	WATER VALVE COVER (EX.)
	SANITARY SEWER MANHOLE (EX.)
	FIRE HYDRANT (EX.)
	ELECTRICAL VAULT (EX.)
	TELECOM VAULT (EX.)
	EDGE OF PAVEMENT
	FLOWLINE
	SIDEWALK
	TOP OF CURB
	DESIGN ELEVATION(S) (NON-ITALICIZED)
	EXIST. ELEVATION(S) (ITALICIZED)

**NOTE:**  
SEE SHEET 15 FOR CONTROL POINT DATA SUMMARY & CONSTRUCTION NOTES FOR CURB RAMP.

- NOTES:**
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1"12" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 6" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.

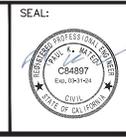


DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

**DESIGN FIRM:**

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San Luis Obispo, CA 93401  
805.781.2265

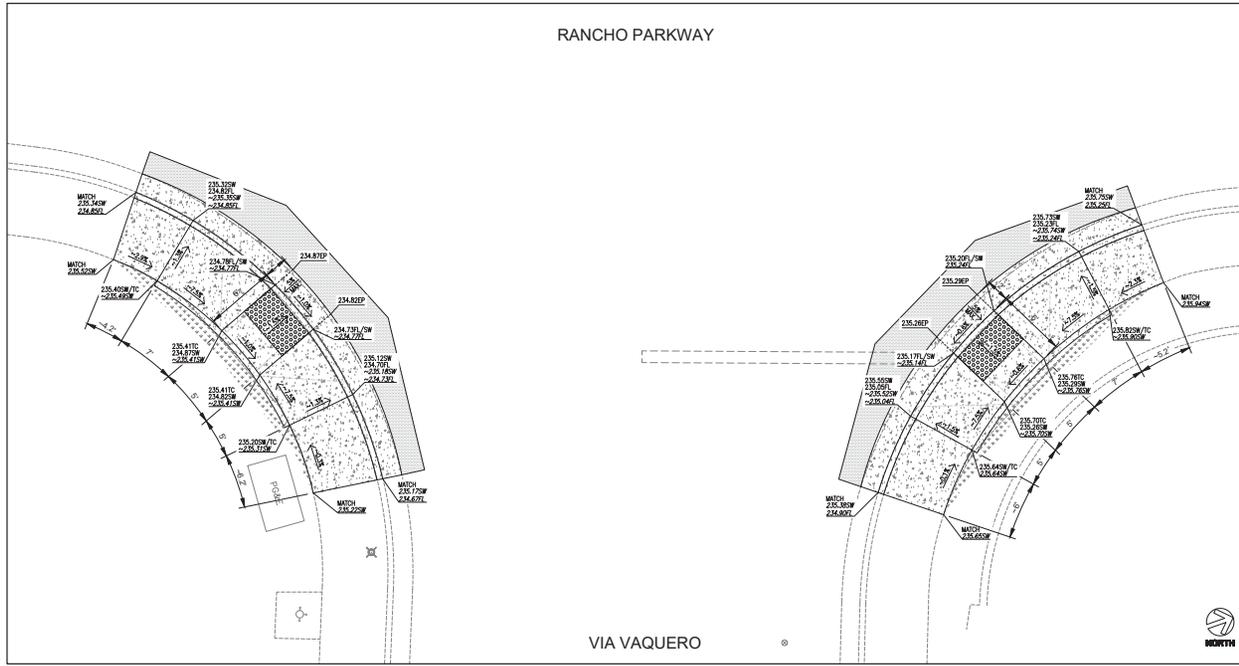


SEAL:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
	MPW	MPW	PKM	
	PREPARED UNDER THE DIRECTION OF:			HORIZ. 1:5
	PAUL K. MATEO			VERT. N/A

 <b>CITY OF ARROYO GRANDE</b> DEPARTMENT OF PUBLIC WORKS	REFERENCE NO.
	2023-01
<b>2022 STREET REPAIRS PROJECT</b> EQUESTRIAN WAY, VISTA CIRCLE & VISTA DRIVE	SHEET:
	20 OF 29



RANCHO PARKWAY



VIA VAQUERO

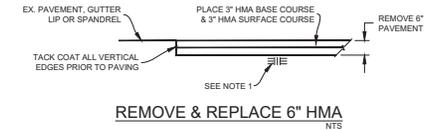


**LEGEND**

- REMOVE & REPLACE/INSTALL PCC FACILITIES (SIDEWALK, CURB, GUTTER & SPANDRELS)
- INSTALL DETECTABLE WARNING SURFACE HMA CONFORM. R/R 6" OR MATCH EX. PAVEMENT THICKNESS, WHICHEVER IS GREATER
- LANDSCAPE RESTORATION
- INSTALL ROOT BARRIER
- LIGHT STANDARD (EX.)
- SURVEY NAIL OR MARKER (EX.)
- SIGN POST (EX.)
- SIGN POST (RELOCATED)
- WATER VALVE COVER (EX.)
- SANITARY SEWER MANHOLE (EX.)
- FIRE HYDRANT (EX.)
- ELECTRICAL VAULT (EX.)
- TELECOM VAULT (EX.)
- EP
- FL
- SW
- TC
- XXX.XX DESIGN ELEVATION(S) (NON-TALUICIZED)
- XXX.XX EXIST. ELEVATION(S) (TALUICIZED)

**NOTE:**  
SEE SHEET 15 FOR CONTROL POINT DATA SUMMARY & CONSTRUCTION NOTES FOR CURB RAMPS.

- NOTES:**
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1"12" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 6" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



**REMOVE & REPLACE 6" HMA**  
NTS

PLAN: 2/28/2022 09:41:21 AM; PROJECT: 2022-01-01; CITY: 02022015; USER: J. B. HANSEN; DRAWING: 2022-01-01; SHEET: 22 OF 29; DATE: 2/28/2022 09:41:21 AM

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

**DESIGN FIRM:**



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San Luis Obispo, CA 93401  
805.781.2265

**SEAL:**



**DESIGNED BY:** MPW  
**DRAWN BY:** MPW  
**CHECKED BY:** PKM

PREPARED UNDER THE DIRECTION OF:  
**PAUL K. MATEO**

**SCALE:**  
HORIZ. 1:5  
VERT. N/A

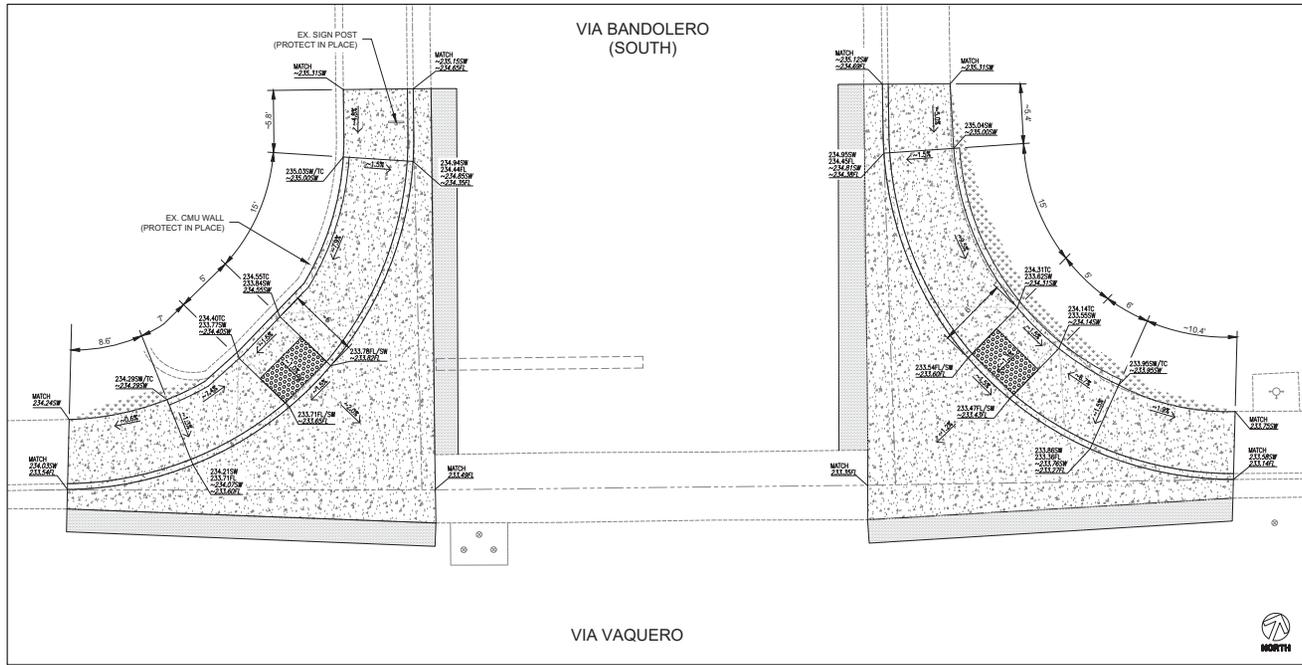


**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

**2022 STREET REPAIRS PROJECT**  
VIA VAQUERO & RANCHO PARKWAY

**REFERENCE NO.**  
2023-01

**SHEET:**  
22 OF 29

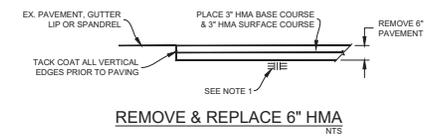


**LEGEND**

- REMOVE & REPLACE/INSTALL PCC FACILITIES (SIDEWALK, CURB, GUTTER & SPANDRELS)
- INSTALL DETECTABLE WARNING SURFACE HMA CONFORM. R&R 6" OR MATCH EX. PAVEMENT THICKNESS, WHICHEVER IS GREATER
- LANDSCAPE RESTORATION
- INSTALL ROOT BARRIER
- LIGHT STANDARD (EX.)
- SURVEY NAIL OR MARKER (EX.)
- SIGN POST (EX.)
- SIGN POST (RELOCATED)
- WATER VALVE COVER (EX.)
- SANITARY SEWER MANHOLE (EX.)
- FIRE HYDRANT (EX.)
- ELECTRICAL VAULT (EX.)
- TELECOM VAULT (EX.)
- EDGE OF PAVEMENT
- FLOWLINE
- SIDEWALK
- TOP OF CURB
- DESIGN ELEVATION(S) (NON-TALUCIZED)
- EXIST. ELEVATION(S) (TALUCIZED)

**NOTE:**  
SEE SHEET 15 FOR CONTROL POINT DATA SUMMARY & CONSTRUCTION NOTES FOR CURB RAMPS.

- NOTES:**
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1"12" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 6" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



DATE: 2/28/2023 09:45:10 AM DRAWN BY: JAVIER RAMIREZ/MPW/CITY OF ARROYO GRANDE CITY OF ARROYO GRANDE PROJECT NO. 2022-01 SHEET NO. 23 OF 29

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

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 Corporate Office: 3485 Sacramento Drive, Suite A  
 San Luis Obispo, CA 93401  
 805.781.2265



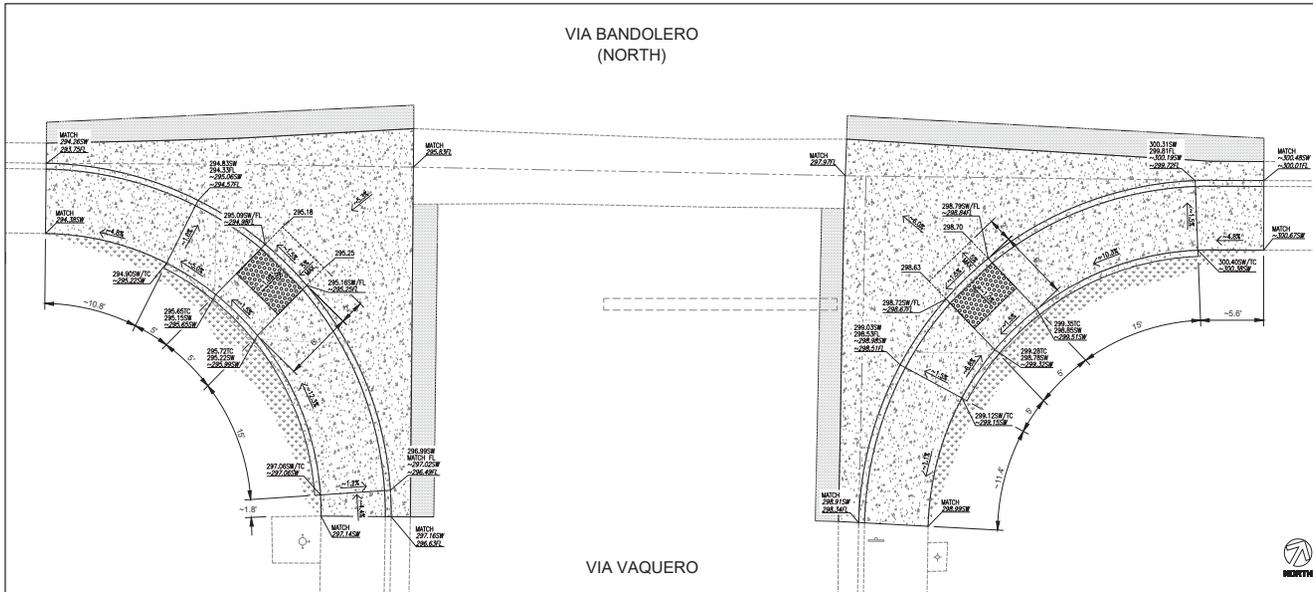
DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MPW	MPW	PKM	HORIZ. 1:5
PREPARED UNDER THE DIRECTION OF:			VERT. N/A
PAUL K. MATEO			

**CITY OF ARROYO GRANDE**  
 DEPARTMENT OF PUBLIC WORKS  
**2022 STREET REPAIRS PROJECT**  
 VIA VAQUERO & VIA BANDOLERO (SOUTH)

REFERENCE NO.	SHEET:
2023-01	23 OF 29



VIA BANDOLERO  
(NORTH)



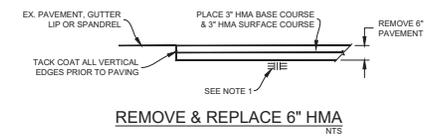
VIA VAQUERO

LEGEND

- REMOVE & REPLACE/INSTALL PCE FACILITIES (SIDEWALK, CURB, GUTTER & SPANDRELS)
- INSTALL DETECTABLE WARNING SURFACE
- HMA CONFORM. R&R 6" OR MATCH EX. PAVEMENT THICKNESS, WHICHEVER IS GREATER
- LANDSCAPE RESTORATION
- INSTALL ROOT BARRIER
- LIGHT STANDARD (EX.)
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- FIRE HYDRANT (EX.)
- ELECTRICAL VAULT (EX.)
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- EP
- FL
- SW
- TC
- XXX.XX DESIGN ELEVATION(S) (NON-TALICIZED)
- XXX.XX EXIST. ELEVATION(S) (TALICIZED)

NOTE:  
SEE SHEET 15 FOR CONTROL POINT DATA SUMMARY & CONSTRUCTION NOTES FOR CURB RAMP.

- NOTES:
1. RECOMPACT LOOSENED MATERIAL AT SURFACE. IF CONTRACTOR DISTURBS MORE THAN 1-1/2" OF MATERIAL, SUBGRADE SHALL BE RECOMPACTED TO 95% R.C.
  2. HMA MAY BE REPLACED IN A SINGLE 6" LIFT IF REPAIR IS LOCATED UNDER AN OVERLAY.



REMOVE & REPLACE 6" HMA  
NTS

DATE: 2/28/2023 10:41:21 AM PROJECT: 2022 STREET REPAIRS PROJECT - ARROYO GRANDE, CITY OF ARROYO GRANDE, CA 92003 DRAWN BY: PAUL K. MATEO CHECKED BY: PAUL K. MATEO DATE: 2/28/23 10:41:21 AM

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:

**PE** **Pavement Engineering Inc.**  
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San Luis Obispo, CA 93401  
805.781.2265



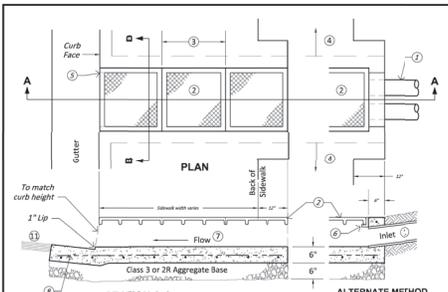
DESIGNED BY:	DRAWN BY:	CHECKED BY:
MPW	MPW	PKM
PREPARED UNDER THE DIRECTION OF:		
PAUL K. MATEO		

SCALE:
HORIZ. 1:5
VERT. N/A

**CITY OF ARROYO GRANDE**  
DEPARTMENT OF PUBLIC WORKS

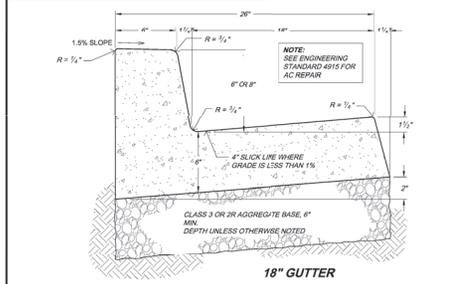
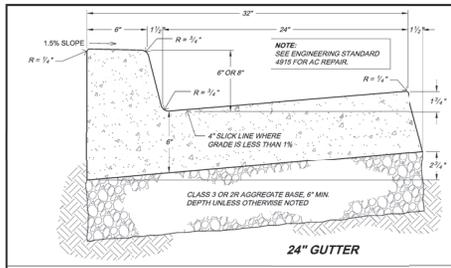
**2022 STREET REPAIRS PROJECT**  
VIA VAQUERO & VIA BANDOLERO (NORTH)

REFERENCE NO.
2023-01
SHEET:
25 of 29

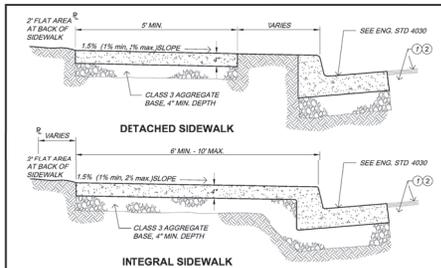


- SECTION A-A**
- SECTION B-B**
- ALTERNATE METHOD**
- NOTES:**
1. Hole shall be paved swale, rectangular conduit, or pipe(s). Minimum inlet diameter/height shall be curb height minus 2". Junction box shall have access/drainage. Inlet type shall have approval of City Engineer.
  2. Frame and Covers: MEXMAN-4990, type D, solid top with PERMA-GREP surface, or approved equal. Provide a 1/4" space between the frame and the lid.
  3. Cover length shall maintain a cover weight of at least .00 lbs each.
  4. Underdrain shall not be closer than 5' from driveway or curb return.
  5. 2" radius at end of channel, each side of outlet.
  6. Frame end piece, required for alternate method.
  7. Channel slope shall be no less than 2% and shall be parallel with sidewalk surface.
  8. #4 Rebar @ 12" O.C., both ways.
  9. Concrete shall be Class 3.
  10. Channel width varies: 18" min. to 3' max.
  11. See Engineering Standard 4935 for asphalt concrete repair.

CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN 3-20  
 ISSUE DATE: MARCH 2016 SIDEWALK UNDERDRAIN - WITH COVERED PLATES SHEET 1 OF 1

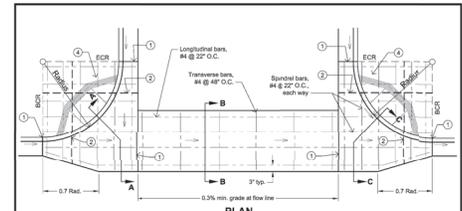


CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN 4-30  
 ISSUE DATE: MARCH 2016 CURB & GUTTER SHEET 1 OF 1



- GENERAL NOTES:**
- Integral sidewalk, sidewalk with manhole(s) pour is the City standard for new sidewalk installation. The concrete sidewalk must be repaired in situ, surface, repair or remove, installation of new sidewalk in existing neighborhoods must match adjacent installations.
- A. CONCRETE: Class 3.  
 B. FINISH: PCC sidewalk shall be given a broom finish.  
 C. SLEW AND CURB: Apply curbs compound in compliance with section 73-1.03F of the Standard Specifications.  
 D. DOWELS: 1/2" smooth bar dowels, 18" long at 24" O.C. d expansion joints and cold joints, to be grouted or sleeved at one end.  
 E. EXPANSION JOINTS: 1/2" expansion material shall be placed at driveways, BCRs, and at 100' intervals.  
 F. WEAKENED PLANE JOINTS: Plastic pullout quickjoint strips or approved equal, shall be at 20' O.C. and 6g" deep.  
 G. SCORE MARKS: Sidewalks shall be scored at least 1/4" deep, perpendicular to the curb face at 5' intervals. Sidewalks with a width of 8' or more shall have one score mark parallel to the curb face evenly spaced in the concrete surface.  
 H. AT COLD JOINTS BETWEEN SIDEWALK AND CURB: #3 x 6" dowel shall be drilled in back of curb at 24" O.C.  
 I. REBAR: When a utility box is located within the sidewalk area, the concrete surrounding the box shall be reinforced with continuous #4 rebar.  
 J. JOINTS: Expansion joints and weakened plane joints shall extend through sidewalk into curb and gutter.
- INSTALLATION NOTES:**
1. PAVEMENT REMOVAL AND REPAIR: See Engineering Standard 4911.
  2. BIKE LANES: No longitudinal joints or seams are allowed in bike lanes. If a longitudinal joint results due to the contractor's work on the above requirements in Note 1, the contractor shall remove a minimum of 2" of asphalt from the pavement across the entire bike lane using a method approved by the City and resurface the bike lane to the satisfaction of the City.

CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN 4-10  
 ISSUE DATE: MARCH 2016 SIDEWALK - INTEGRAL & DETACHED SHEET 1 OF 1



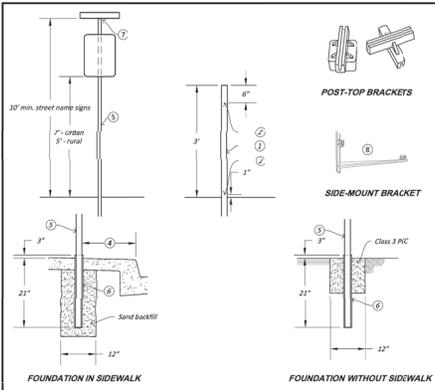
- INSTALLATION NOTES:**
1. Standard expansion joint, see Note 3.
  2. If curb return radius is 20' or larger, sandblasts shall have extra expansion joints at locations to be determined by the City Engineer. Rebar shall be cut and dowels installed per Note 3.
  3. All expansion joints shall have 1/2" x 18" smooth dowels @ 22" O.C., wrapped or grouted.
  4. See Engineering Standard 4440 for note regarding required curb ramps.
  5. All flowlines shall have an 8" wide steel-trowel finish.
  6. 6" Class 2 aggregate base.
- GENERAL NOTES:**
- A. All PCC shall be Class 2, including curb.  
 B. See Engineering Standard 4110 for notes regarding required pavement removal and repair.  
 C. Curb ramps shall be install with cross gutter for monolithic pour, no joints will be allowed.

CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN 4-10  
 ISSUE DATE: MARCH 2016 CROSS GUTTER SHEET 1 OF 1

FILED: 25 SEPTEMBER 2022 10:00 AM IN THE OFFICE OF THE CITY ENGINEER, CITY OF ARROYO GRANDE, 20222 STREET REPAIRS PROJECT, AREA 1B - STANDARD AND ENGINEERING STANDARD PLAN, DRAWING: 3120223.000.PW

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:	SEAL:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:	 CITY OF ARROYO GRANDE DEPARTMENT OF PUBLIC WORKS	REFERENCE NO.:
			 <b>Pavement Engineering Inc.</b> <i>You can ride on our reputation</i> Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265	 PAUL K. MATEO CIVIL STATE OF CALIFORNIA	PREPARED UNDER THE DIRECTION OF:	PAUL K. MATEO	HORIZ. N/A VERT. N/A	2022 STREET REPAIRS PROJECT STANDARD DETAILS		2023-01 SHEET: 26 OF 29

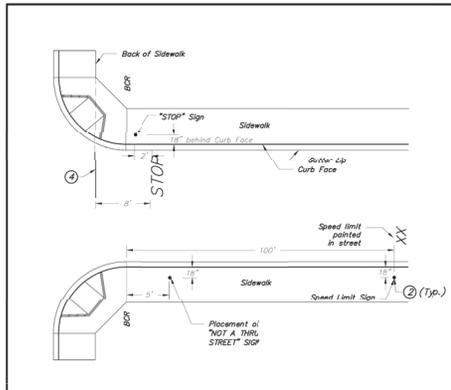




**INSTALLATION NOTES:**

- 2" galvanized steel pipe.
- Drain hole 1/2" diameter, on one side only.
- #4 rebar, 2' long, welded to pipe 10" from bottom.
- 15" standard setback, 22" sign is more than 15" wide.
- 2" galvanized metal post, (Brackets) approved such as 14g, Quik-Punch or equal.
- Heavy duty galvanized steel sleeve such as Plastic Products or equal.
  - Steel: ASTM A500 Grade B Galvanneal; ASTM 123
  - 2 1/2" x 2 1/2" x 24" one-piece anchor with pointed end, 3/8" minimum wall thickness
  - 7/8" holes, all 4 sides of 1" above top. No holes are allowed in the underground portion of sleeve.
  - Attach sign post to sleeve with a 3/8" drive rivet with a 1" washer, or approved equal.
- Brackets: 2" square, 12" length, post top mounted sign bracket, bolted to post and sign with vented post nuts. Safety Sign style 812 or approved equal.
- Side mounting bracket: Standoff bracket Safety Sign style 1010 or approved equal.

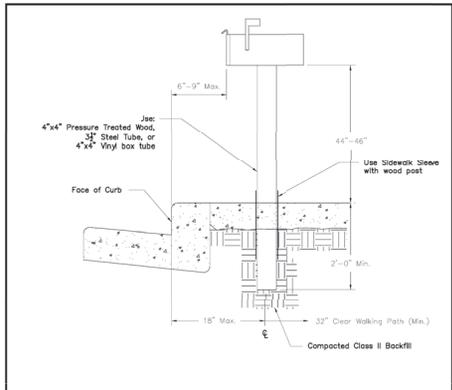
CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN		2210
ISSUE DATE: MARCH 2016	METAL SIGN POST	SHEET 1 OF 1



**NOTES:**

- Utility Poles must be no closer than 5' from any sign and must not block the view of any sign.
- Signs must have a 36" clear travel path.
- Longitudinal placement of signs must comply with Caltrans Standards.
- Please stop bar in alignment with back of sidewalk of intersecting street.

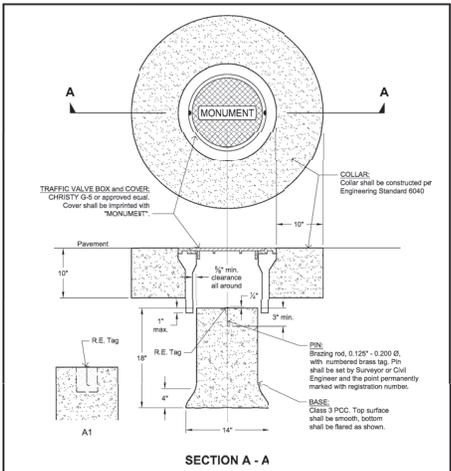
CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN		7220
ISSUE DATE: MARCH 2016	SIGN PLACEMENT	SHEET 1 OF 1



**NOTES:**

- Mailbox must be type "Approved by the Postmaster General" with a uniform box style and method of address identification per each standard.
- Location is subject to approval by the City Engineer for protection of views, access, and utilities.
- The sketch depicts the minimum structural and dimensional standards. Innovative designs meeting the minimum dimensional and structural requirements are acceptable.
- Do not place mailbox over city utilities.
- Front load pedestal mailboxes, approved by the United States Postal Service (USPS), are an acceptable replacement for this mailbox standard.
- Maintain 36" clearance path behind mailbox.

CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN		9010
ISSUE DATE: MARCH 2016	MAIL BOX STANDARD	SHEET 1 OF 1



**ALTERNATE METHODS**

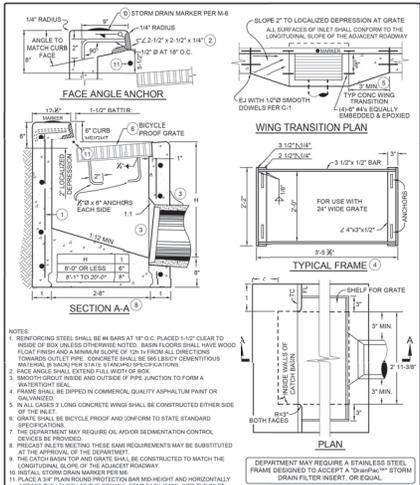
A1 - Base may be cast with a cylindrical recess which shall later be filled with expansive grout (min. 2500 psi) when pin is set.

A2 - A brass cap may be cast with the base over on that center of cap is within 1/8" of the monument point. Point shall be marked with a cross, etched a minimum of 1/8" deep into the brass. The cap shall be marked with the License information or a tag with the information shall be attached.

CITY OF ARROYO GRANDE - ENGINEERING STANDARD PLAN		9020
ISSUE DATE: MARCH 2016	MONUMENT AND WELL	SHEET 1 OF 1

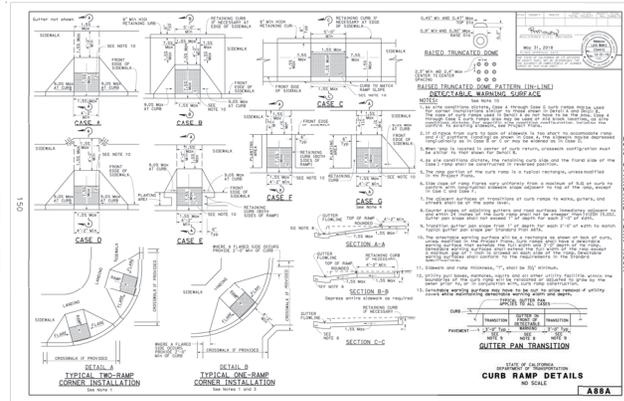
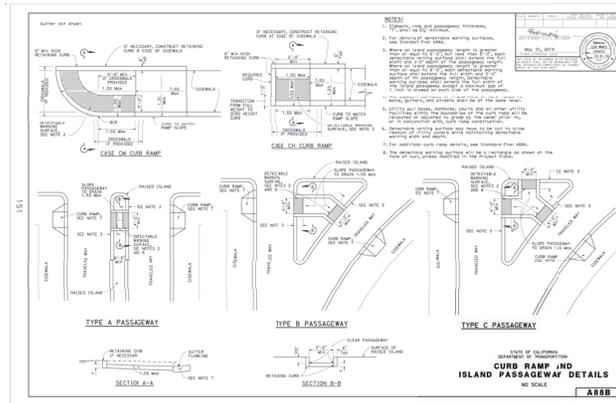
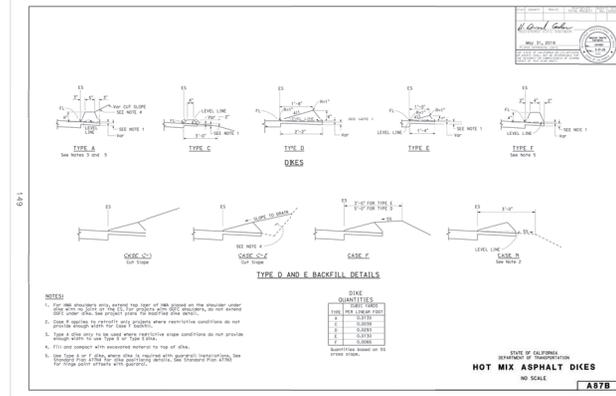
FILED: 25 MAR 2022 09:30 AM BY: JESSICA L. HARRIS, ENGINEER IN CHARGE, CITY OF ARROYO GRANDE, 2022 STREET REPAIRS PROJECT, SHEET 18 OF 28

DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:	SEAL:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:	 CITY OF ARROYO GRANDE DEPARTMENT OF PUBLIC WORKS	REFERENCE NO.:
			 <b>Pavement Engineering Inc.</b> <i>You can ride on our reputation</i> Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265	 PAUL K. MATEO Exp. 02/1/2024 STATE OF CALIFORNIA	PREPARED UNDER THE DIRECTION OF: <b>PAUL K. MATEO</b>			HORIZ. N/A VERT. N/A		2023-01
									2022 STREET REPAIRS PROJECT STANDARD DETAILS	SHEET: <b>28</b> of <b>29</b>



DEPARTMENT OF PUBLIC WORKS - STANDARD DRAWINGS  
**DRAINAGE & FLOOD CONTROL**  
**URBAN CATCH BASIN**

Issue: August 2022  
 Scale: NTS  
 Revision: N/A  
 Drawing No: D-2



DESCRIPTION:	DATE:	APPD. BY:	DESIGN FIRM:	SEAL:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:	<b>CITY OF ARROYO GRANDE</b> DEPARTMENT OF PUBLIC WORKS	REFERENCE NO.
			<b>Pavement Engineering Inc.</b> <i>You can ride on our reputation</i> Corporate Office: 3485 Sacramento Drive, Suite A San Luis Obispo, CA 93401 805.781.2265	PAUL K. MATEO Exp. 12-31-2024 STATE OF CALIFORNIA	PREPARED UNDER THE DIRECTION OF:			HORIZ. N/A		<b>2022 STREET REPAIRS PROJECT</b> STANDARD DETAILS
					PAUL K. MATEO			VERT. N/A		

DRAWN BY: J. B. BROWN, CHECKED BY: J. B. BROWN, DATE: 08/22/22, PROJECT: 2022 STREET REPAIRS PROJECT, SHEET: 29 OF 29