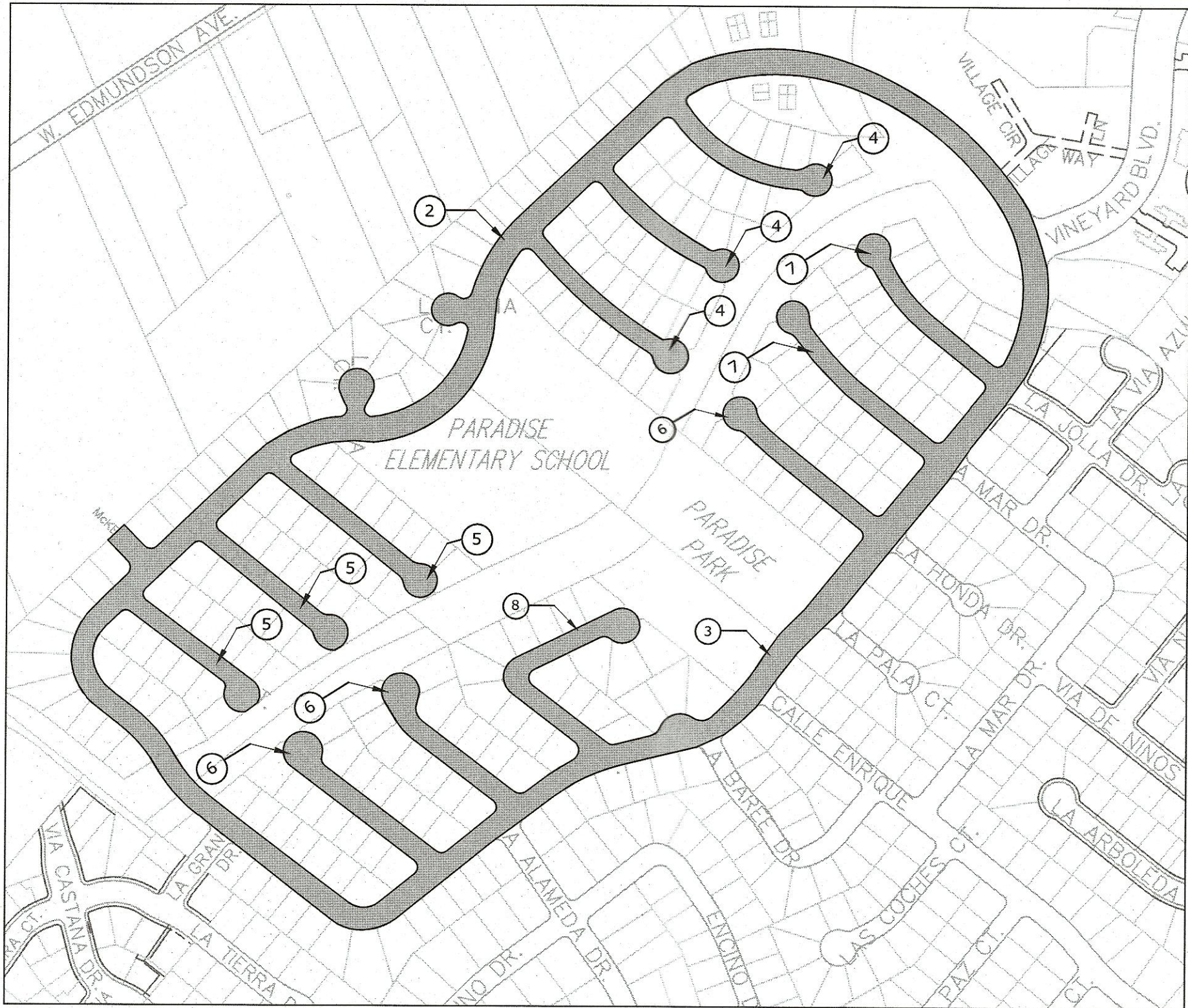
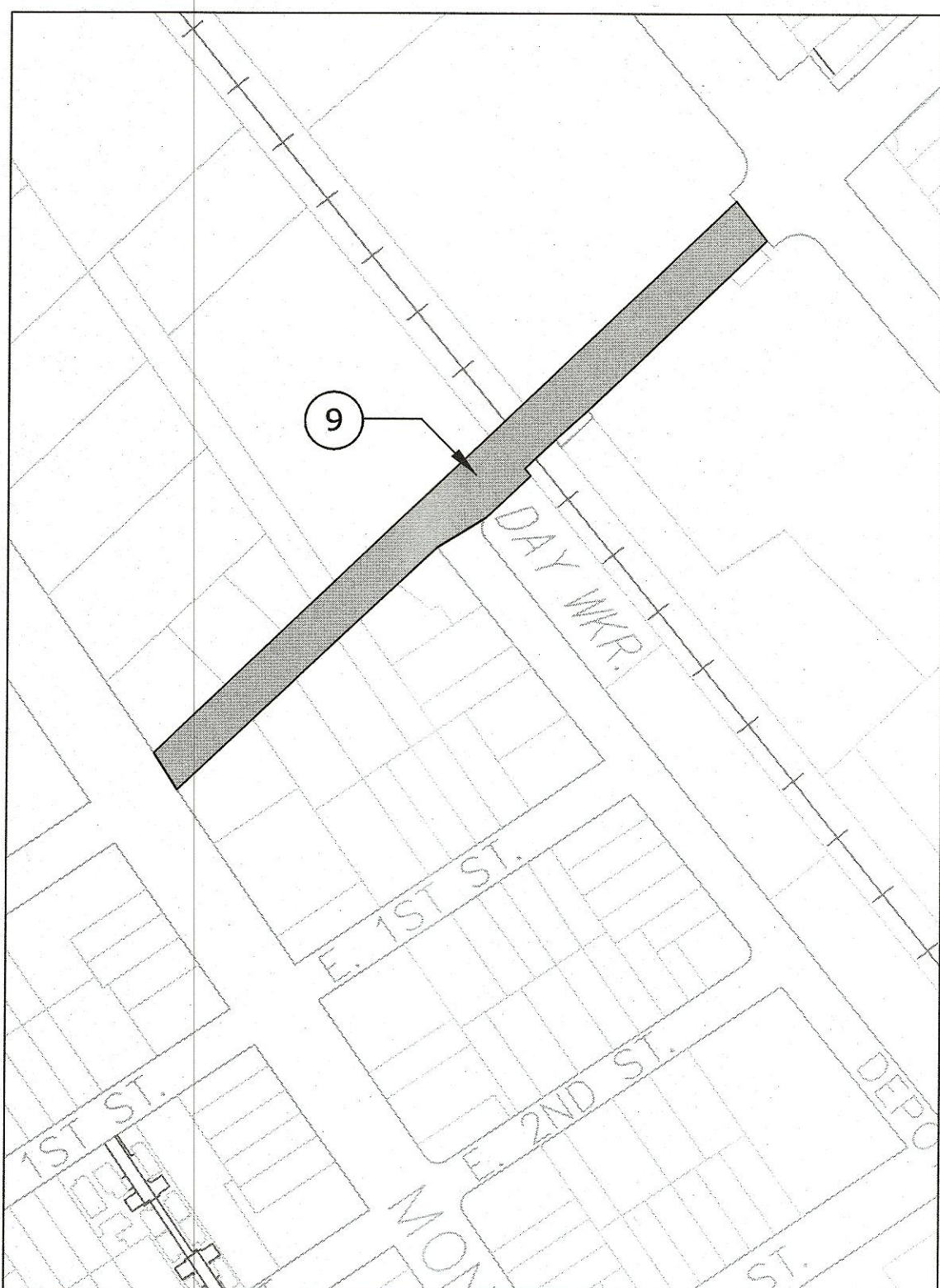


CITY OF MORGAN HILL
2023 PAVEMENT REHABILITATION PROJECT



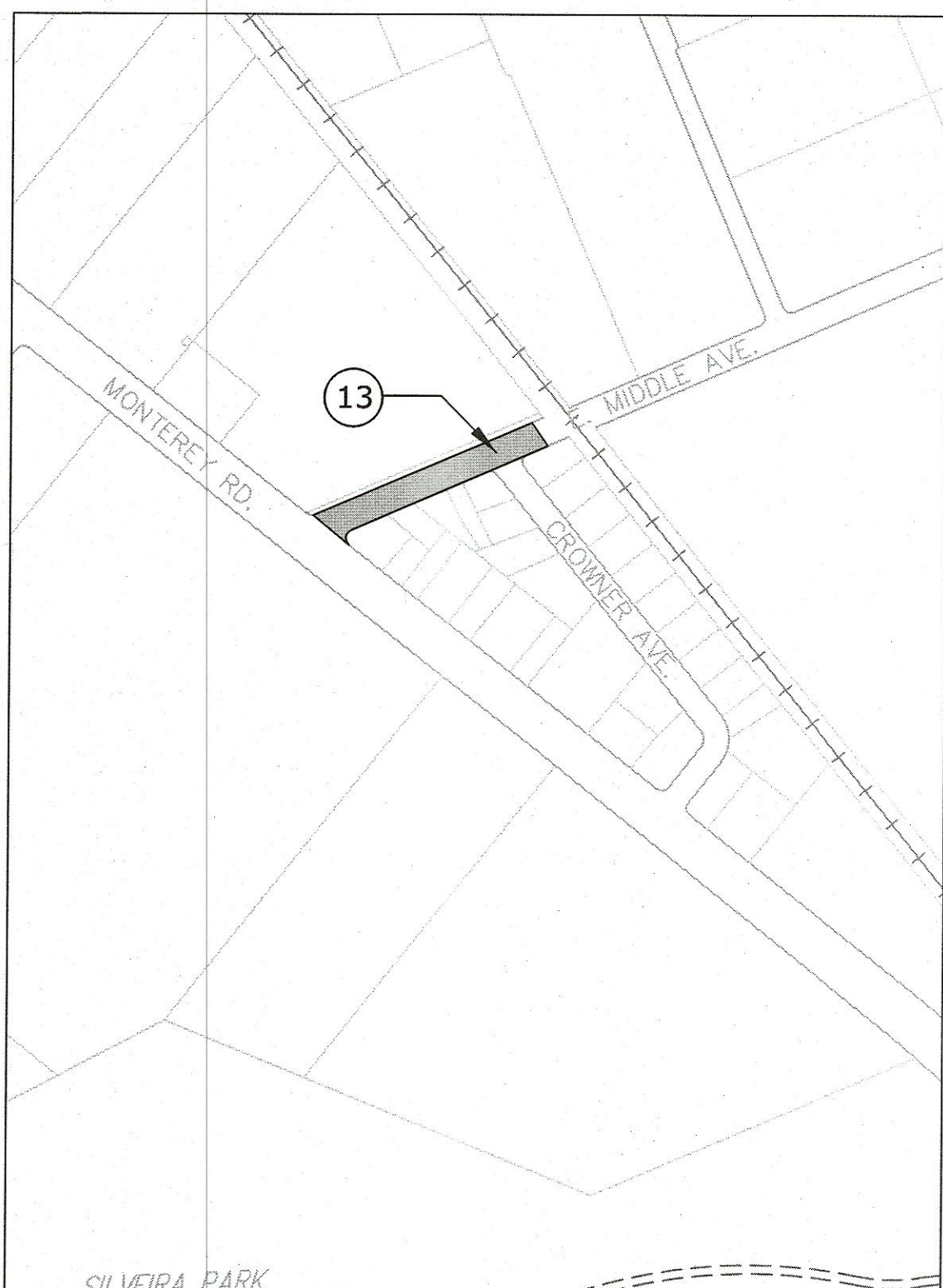
LOCATION MAP
N.T.S.



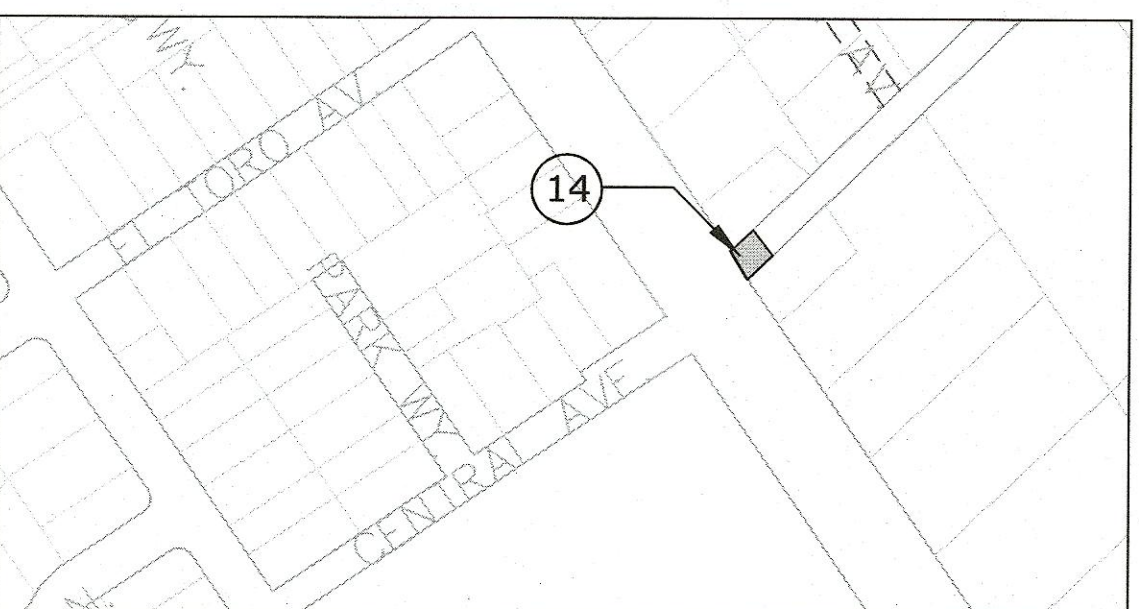
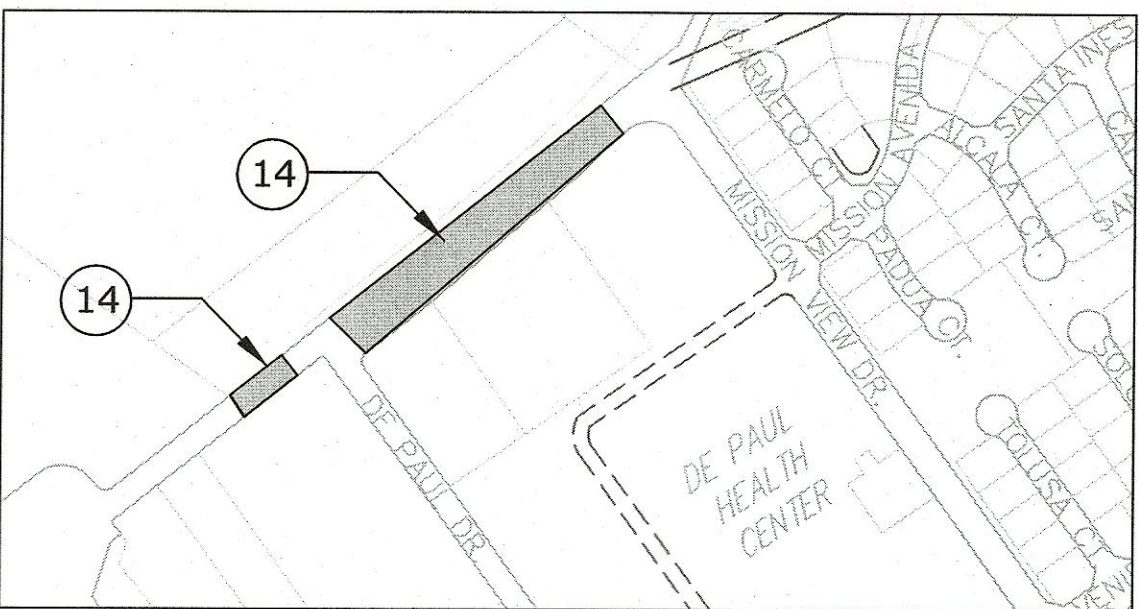
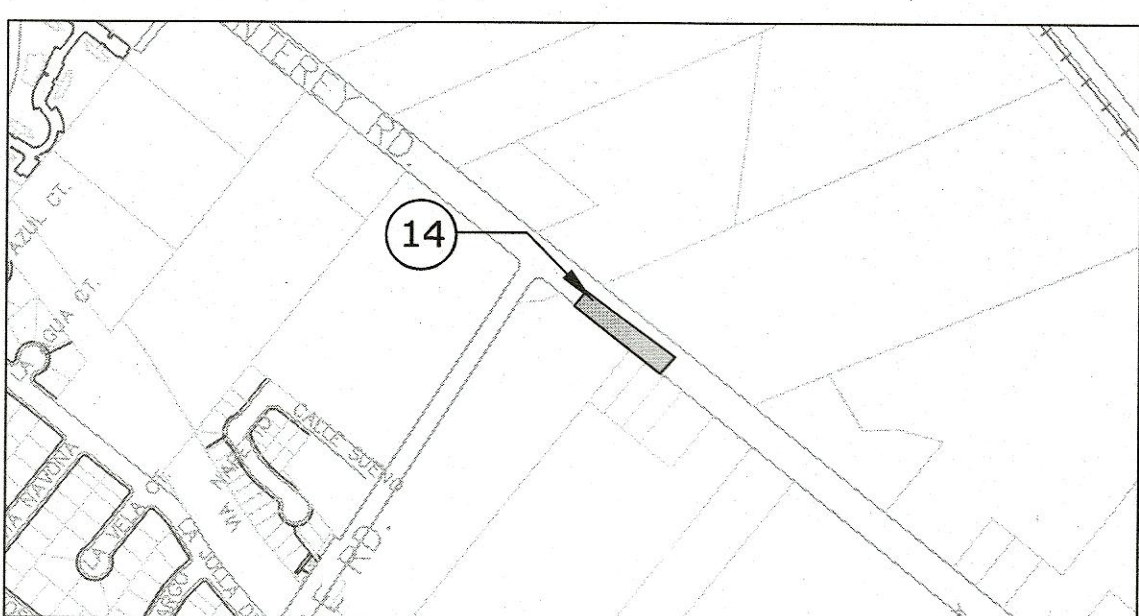
LOCATION MAP
N.T.S.



LOCATION MAP
N.T.S.

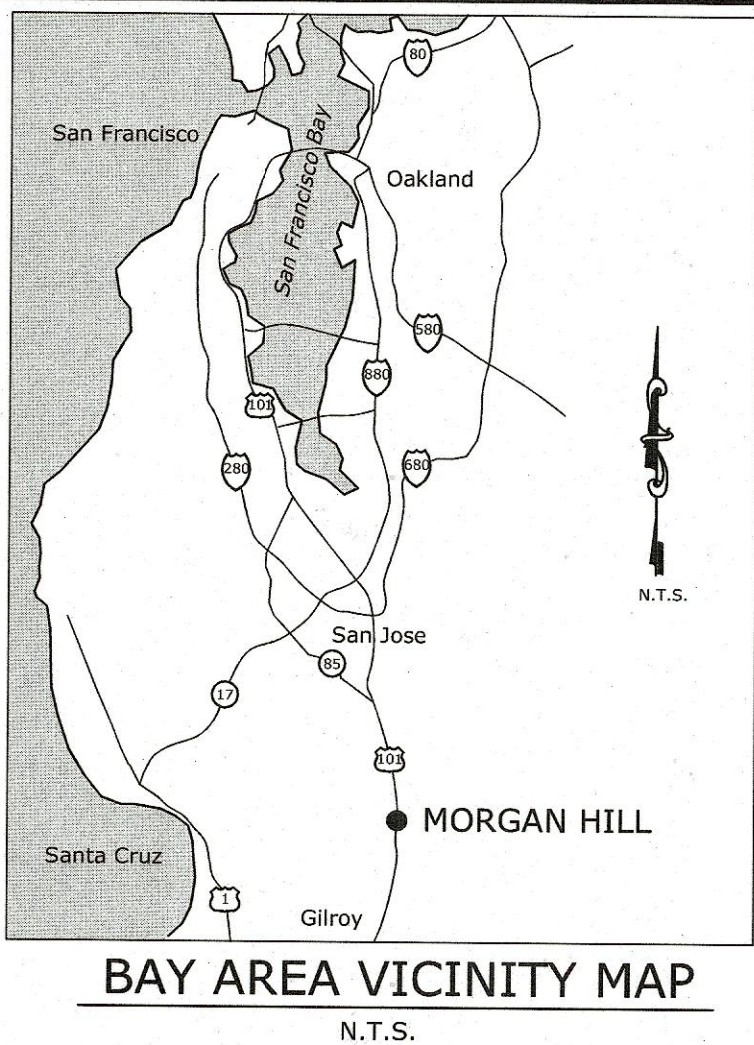


LOCATION MAP
N.T.S.



LEGEND

- # = THERMOPLASTIC STRIPING DETAIL
- MH = UTILITY MANHOLE
- VB = UTILITY VALVE BOX
- MON = UTILITY MONUMENT
- = PAVEMENT MARKING



INDEX

Table with 2 columns: Sheet No., Sheet Name. Contains 14 entries corresponding to the project locations.

APPROXIMATE QUANTITIES

Table with 4 columns: ITEM, DESCRIPTION, QUANTITY, UNIT. Lists various pavement rehabilitation materials and their estimated quantities.

ALL LOCATIONS AND DEPTHS OF UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DEPTHS AND LOCATIONS OF ALL UTILITIES. ANY CHANGES TO THESE PLANS AND SPECIFICATIONS SHALL BE APPROVED BY THE CITY ENGINEER.

EAST MAIN AVENUE NIGHT WORK WILL BE REQUIRED 9:00PM-5:00AM

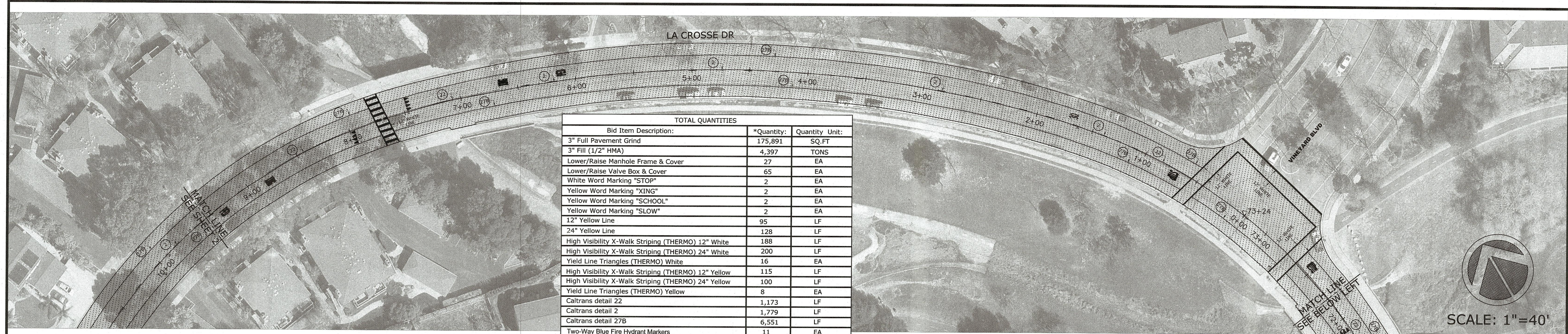
CONTRACTOR SHALL NOTIFY U.S.A. (UNDERGROUND SERVICE ALERT), AT 1-800-642-2444, A MINIMUM OF 24 HOURS BEFORE BEGINNING ANY EXCAVATIONS

NOTE: COVER SHEET ALL ASPHALT CONCRETE PAVEMENT PLACED AS THE FINAL LIFT / WEARING COURSE SHALL CONTAIN NO RAP (RECLAIMED ASPHALT PAVEMENT).

Table with 4 columns: DRAWN, CHECKED, APPROVED, DATE. Contains project approval information.

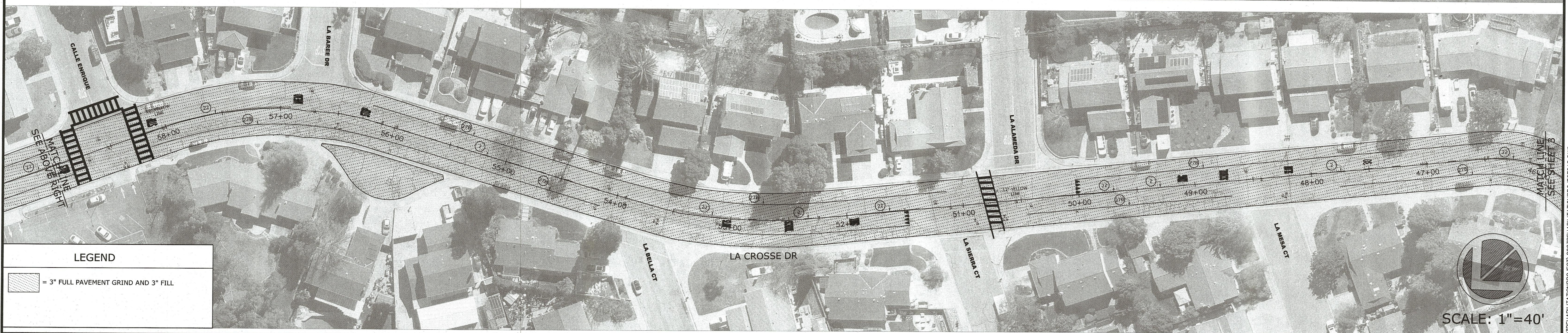
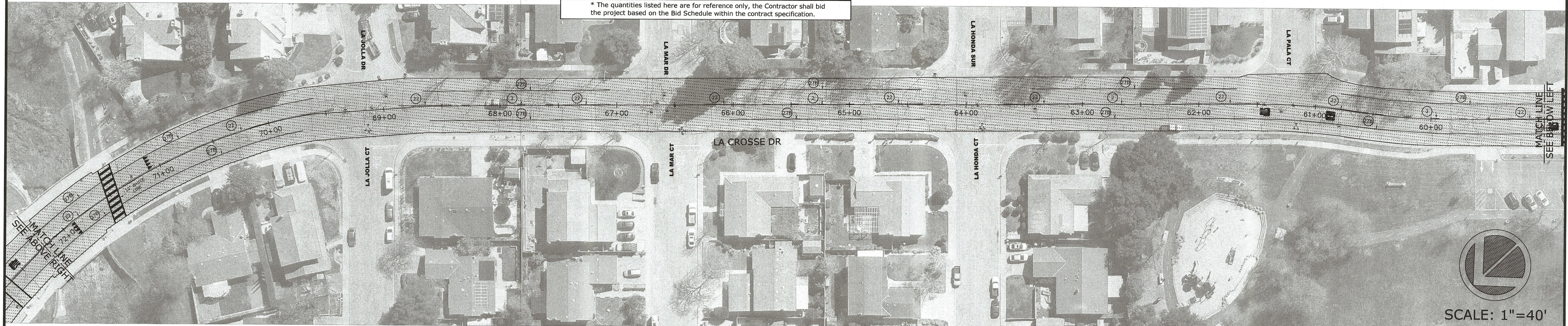
Table with 4 columns: NO., DESCRIPTION, DATE, BY. Contains revision information.





TOTAL QUANTITIES		
Bit Item Description:	*Quantity:	Quantity Unit:
3" Full Pavement Grind	175,891	SQ.FT
3" Fill (1/2" HMA)	4,397	TONS
Lower/Raise Manhole Frame & Cover	27	EA
Lower/Raise Valve Box & Cover	65	EA
White Word Marking "STOP"	2	EA
Yellow Word Marking "XING"	2	EA
Yellow Word Marking "SCHOOL"	2	EA
Yellow Word Marking "SLOW"	2	EA
12" Yellow Line	95	LF
24" Yellow Line	128	LF
High Visibility X-Walk Striping (THERMO) 12" White	188	LF
High Visibility X-Walk Striping (THERMO) 24" White	200	LF
Yield Line Triangles (THERMO) White	16	EA
High Visibility X-Walk Striping (THERMO) 12" Yellow	115	LF
High Visibility X-Walk Striping (THERMO) 24" Yellow	100	LF
Yield Line Triangles (THERMO) Yellow	8	EA
Caltrans detail 22	1,173	LF
Caltrans detail 2	1,779	LF
Caltrans detail 27B	6,551	LF
Two-Way Blue Fire Hydrant Markers	11	EA

\* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



				WORK ACCEPTED:	INSPECTOR:	DRAWN:	AEV	DESIGN:	AEV	HOR:	1"=40'
						CHECKED:	YC			VERT:	1"=40'
NO.	DESCRIPTION	DATE	BY			APPROVED:	DATE:	JOB NUMBER:			
						SCOTT C. GREER-CITY ENGINEER PE 58879 EXP. 5/30/2023		2/10/23			



**City of Morgan Hill**  
**ENGINEERING AND UTILITIES**

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 [WWW.MORGAN-HILL.CA.GOV](http://WWW.MORGAN-HILL.CA.GOV)

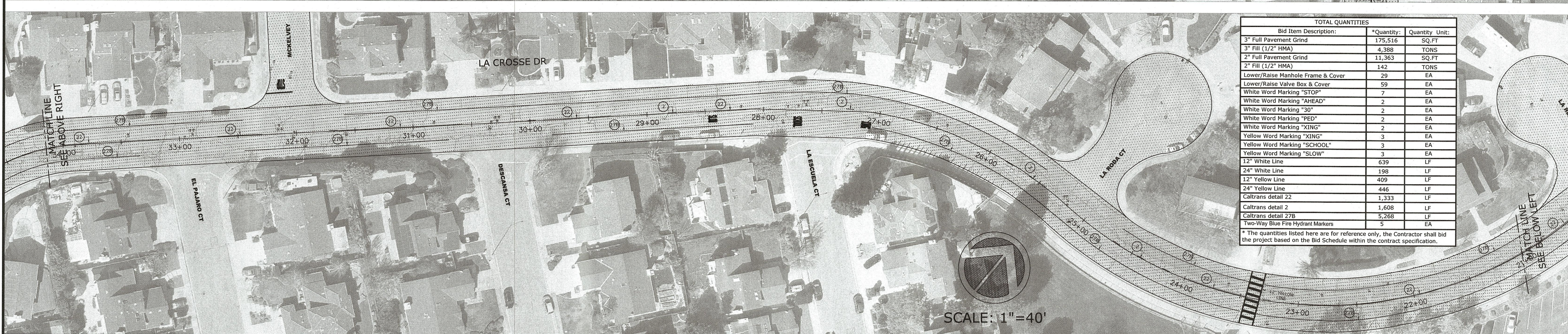
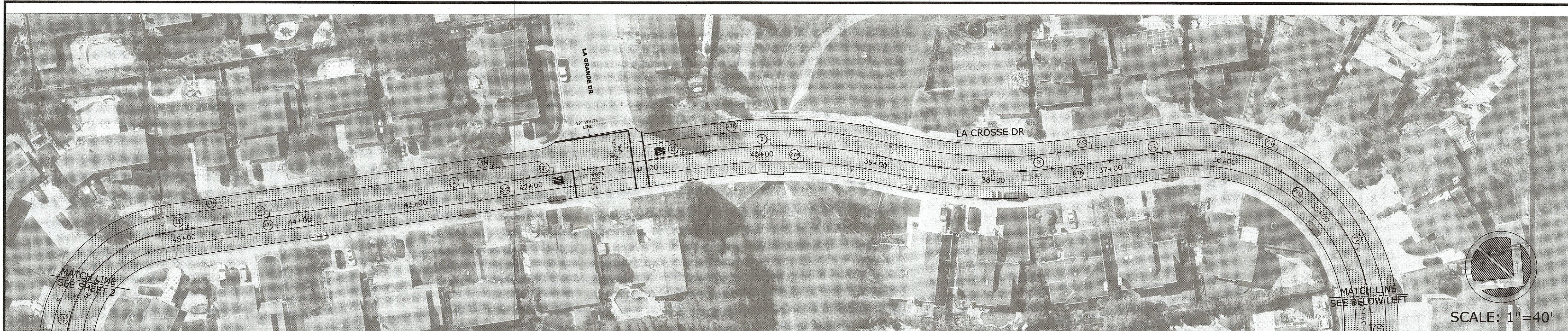
LA CROSSE DRIVE  
2023 PAVEMENT RESURFACING PROJECT

FILE NUMBER:  
000.00

PRINT DATE:  
4/17/2023

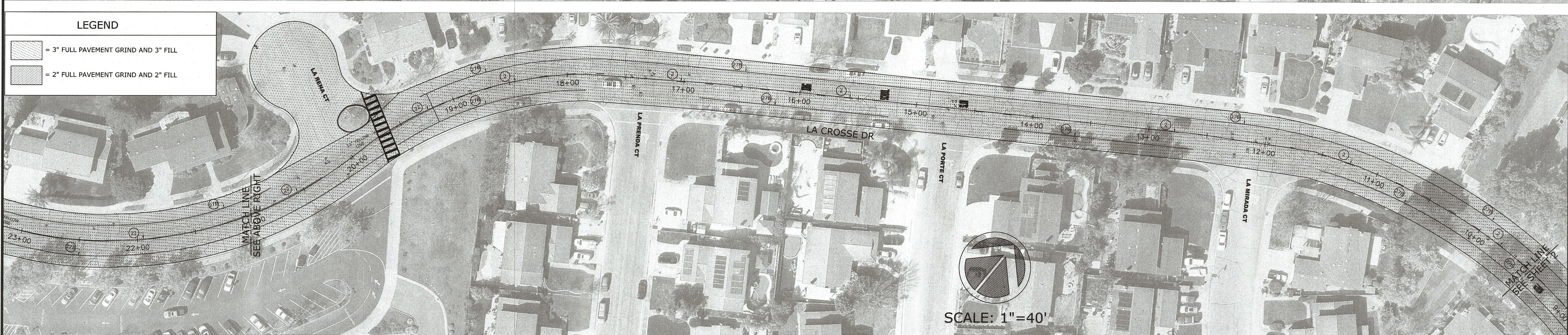
SHEET NUMBER:  
2 of 14





TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
3" Full Pavement Grind	175,516	SQ.FT
3" Fill (1/2" HMA)	4,388	TONS
2" Full Pavement Grind	11,363	SQ.FT
2" Fill (1/2" HMA)	142	TONS
Lower/Raise Manhole Frame & Cover	29	EA
Lower/Raise Valve Box & Cover	59	EA
White Word Marking "STOP"	7	EA
White Word Marking "AHEAD"	2	EA
White Word Marking "30"	2	EA
White Word Marking "PED"	2	EA
White Word Marking "XING"	2	EA
Yellow Word Marking "XING"	3	EA
Yellow Word Marking "SCHOOL"	3	EA
Yellow Word Marking "SLOW"	3	EA
12" White Line	639	LF
24" White Line	198	LF
12" Yellow Line	409	LF
24" Yellow Line	446	LF
Caltrans detail 22	1,333	LF
Caltrans detail 27B	1,608	LF
Two-Way Blue Fire Hydrant Markers	5	EA

\* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



**LEGEND**

= 3" FULL PAVEMENT GRIND AND 3" FILL

= 2" FULL PAVEMENT GRIND AND 2" FILL

NO.		DESCRIPTION		DATE	BY	BY	DATE	WORK ACCEPTED:	INSPECTOR:	DRAWN: AEV	DESIGN: AEV	HOR: 1"=20'	CITY OF MORGAN HILL	City of Morgan Hill ENGINEERING AND UTILITIES 17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV	2023 PAVEMENT RESURFACING PROJECT LA CROSSE DRIVE, LA RENA CT, LA RODA CT	FILE NUMBER: 000.00
										CHECKED: YC		VER: 1"=20'	PRINT DATE: 4/17/2023			
										APPROVED:	DATE: 4/18/23	JOB NUMBER:	SHEET NUMBER: 3 of 14			

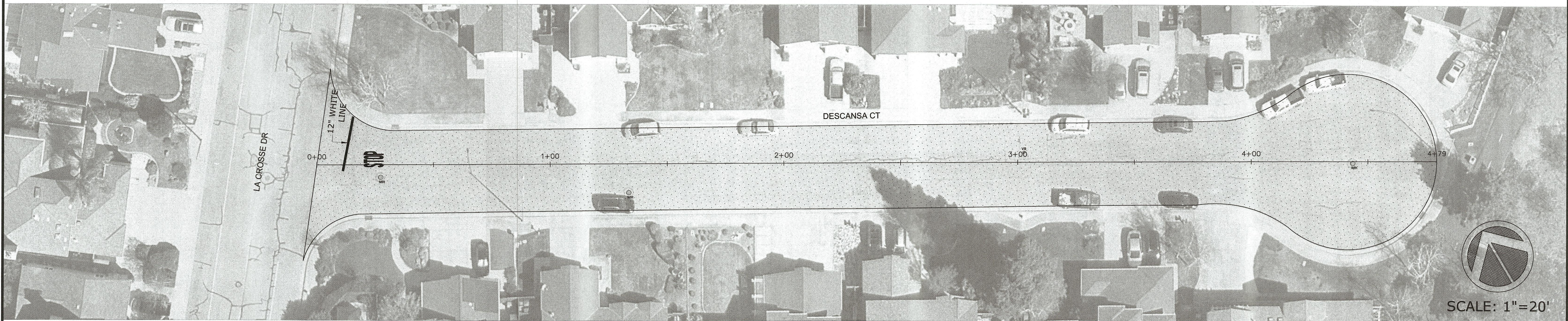
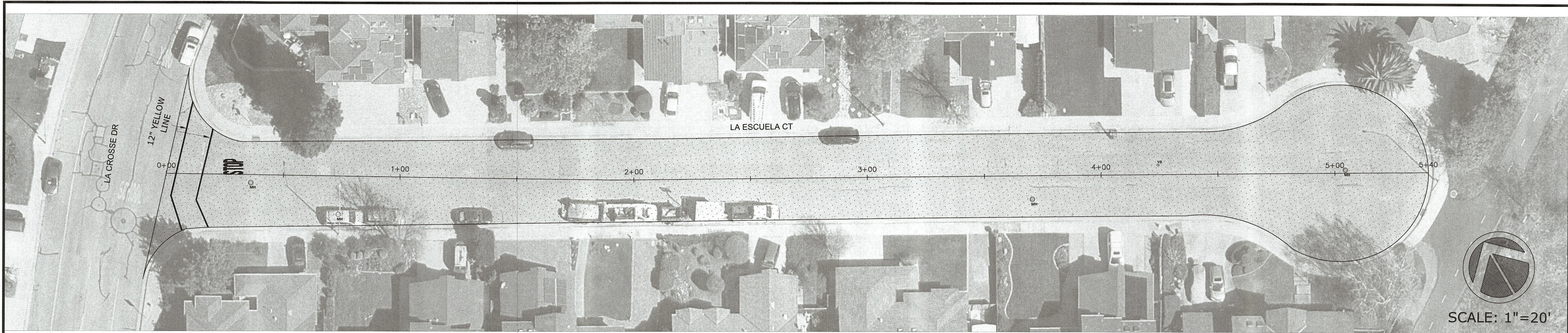
SCOTT C. CREE-CITY ENGINEER  
PE 58879 EXP. 6/30/2023

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TOTAL QUANTITIES			
Bid Item Description:	*Quantity:	Quantity	Unit:
2" Full Pavement Grind	59,549		SQ.FT
2" Fill (1/2" HMA)	794		TONS
Lower/Raise Manhole Frame & Cover	8		EA
Lower/Raise Valve Box & Cover	5		EA
White Word Marking "STOP"	3		EA
12" White Line	49		LF
12" Yellow Line	101		LF
Two-Way Blue Fire Hydrant Markers	3		EA
* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.			

LEGEND			
	= 2" FULL PAVEMENT GRIND AND 2" FILL		

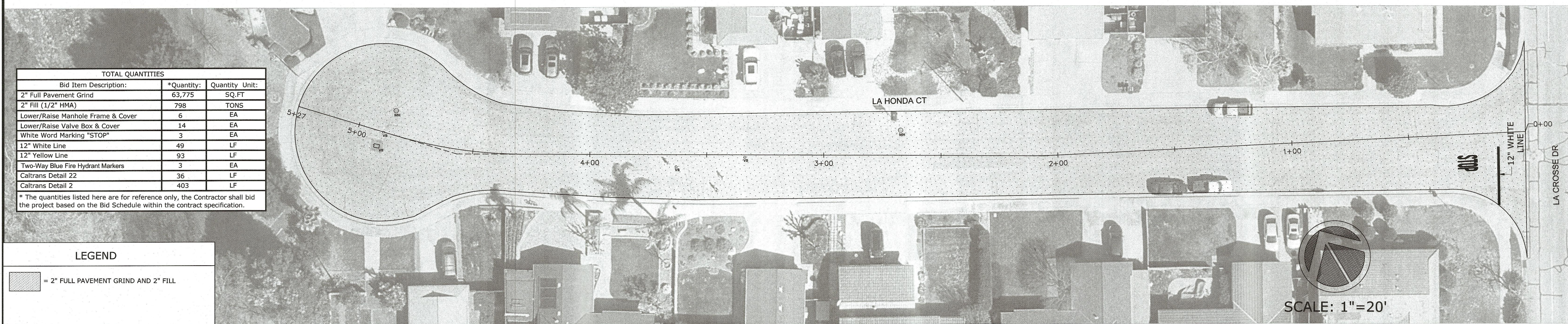
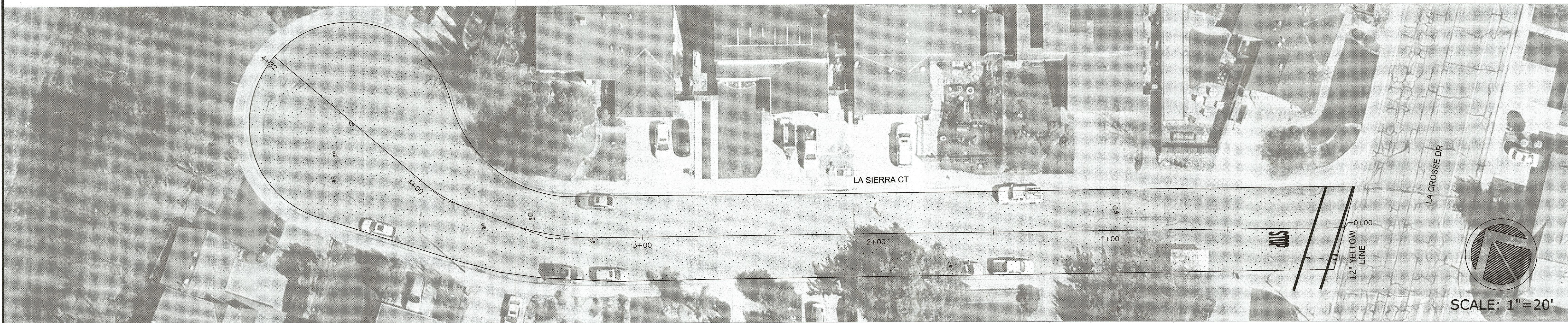
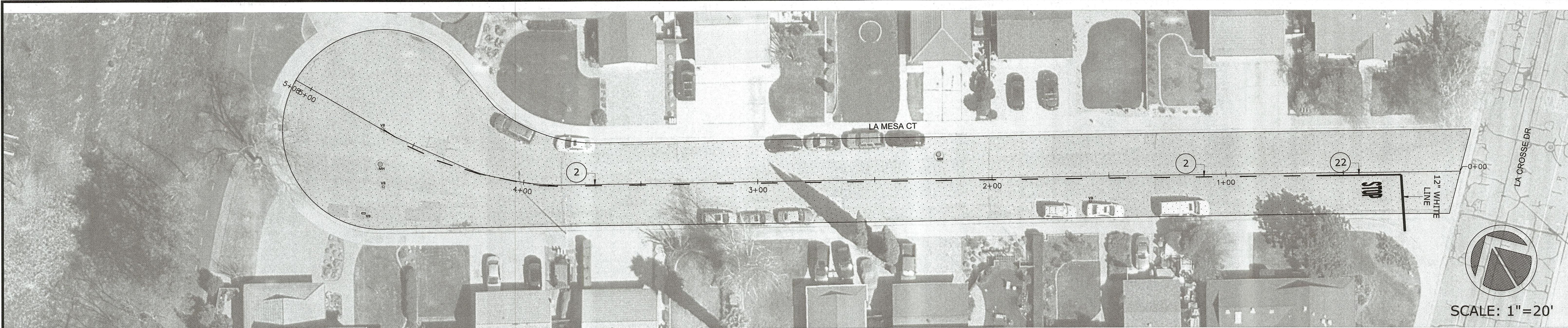
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WORK ACCEPTED:		INSPECTOR:	DATE:	BY:
DRAWN:		AEV	DESIGN:	AEV
CHECKED:		YC	DATE:	4/10/23
APPROVED:		SCOTT C. CREER-CITY ENGINEER	DATE:	4/10/23
JOB NUMBER:		PE 58879 EXP. 6/30/2023		

**City of Morgan Hill**  
ENGINEERING AND UTILITIES  
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

**2023 PAVEMENT RESURFACING PROJECT**  
**LA ESCUELA CT, DESCANSA CT, LA PAJARO CT**

FILE NUMBER: 000.00  
PRINT DATE: 4/17/2023  
SHEET NUMBER: 5 of 14





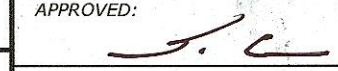
TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
2" Full Pavement Grind	63,775	SQ-FT
2" Fill (1/2" HMA)	798	TONS
Lower/Raise Manhole Frame & Cover	6	EA
Lower/Raise Valve Box & Cover	14	EA
White Word Marking "STOP"	3	EA
12" White Line	49	LF
12" Yellow Line	93	LF
Two-Way Blue Fire Hydrant Markers	3	EA
Caltrans Detail 22	36	LF
Caltrans Detail 2	403	LF

\* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

#### LEGEND

 = 2" FULL PAVEMENT GRIND AND 2" FILL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED:	INSPECTOR:	DRAWN:	AEV	DESIGN:	AEV	HOR:	1"=20'
		CHECKED:	YC			VERT:	1"=20'
		APPROVED:		DATE:	4/18/23	JOB NUMBER:	
			SCOTT C. CREER-CITY ENGINEER				
			PE 58879 EXP. 6/30/2023				



**City of Morgan Hill**  
ENGINEERING AND UTILITIES

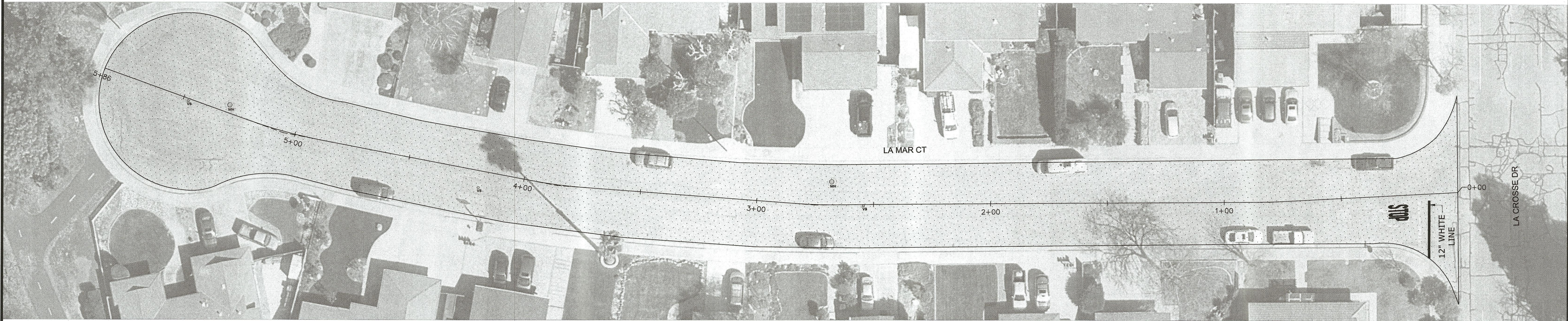
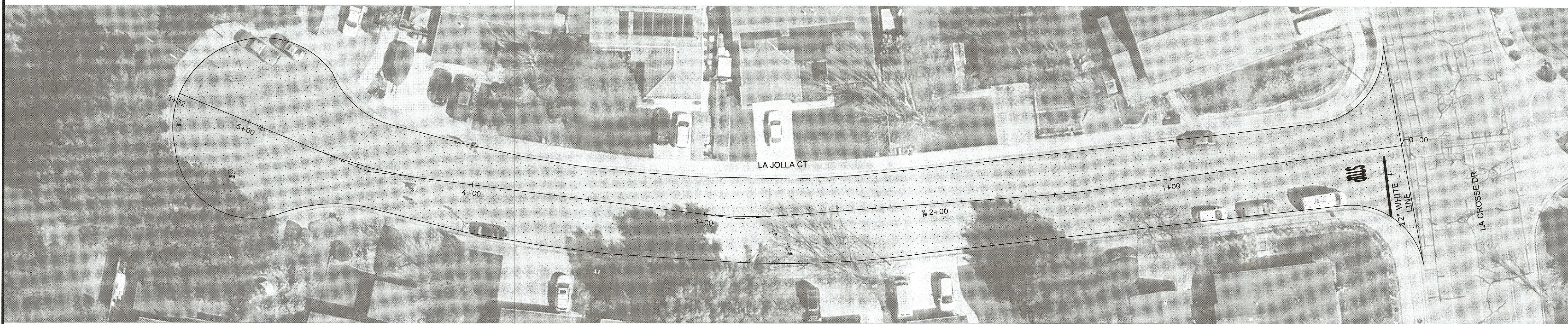
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

**2023 PAVEMENT RESURFACING PROJECT**  
LA MESA CT, LA SIERRA CT, LA HONDA CT

FILE NUMBER:	000.00
PRINT DATE:	4/17/2023
SHEET NUMBER:	6 of 14

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TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
2" Full Pavement Grind	45,269	SQ.FT
2" Fill (1 1/2" HMA)	566	TONS
Lower/Raise Manhole Frame & Cover	5	EA
Lower/Raise Valve Box & Cover	6	EA
White Word Marking "STOP"	2	EA
12" White Line	51	LF
Two-Way Blue Fire Hydrant Markers	2	EA
* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.		

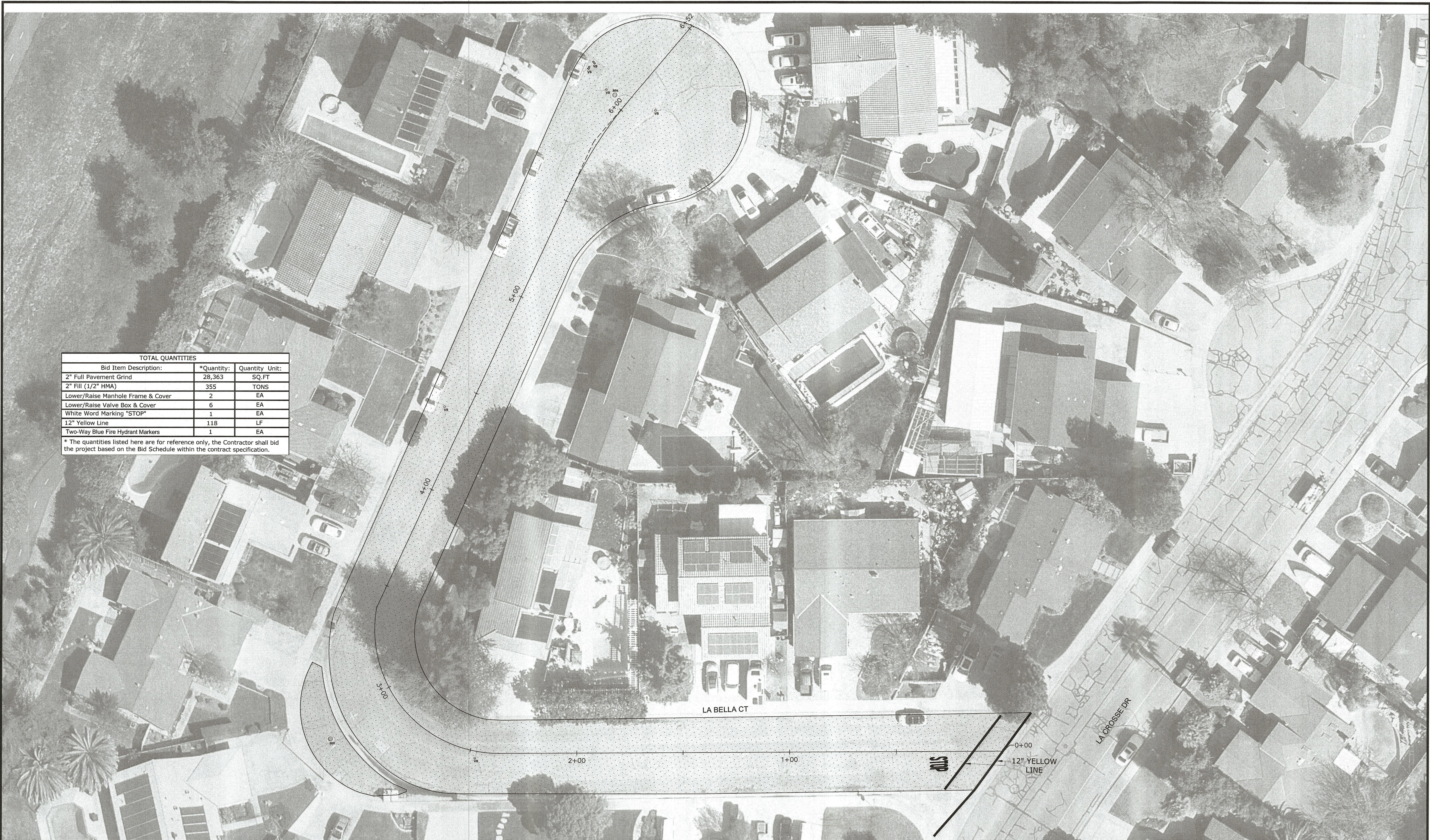
LEGEND	
	= 2" FULL PAVEMENT GRIND AND 2" FILL

NO.		DESCRIPTION	DATE	BY	WORK ACCEPTED:	INSPECTOR:	DRAWN: AEV	DESIGN: AEV	HOR: 1"=20'	CITY OF MORGAN HILL	2023 PAVEMENT RESURFACING PROJECT LA JOLLA CT, LA MAR CT	FILE NUMBER: 000.00
							CHECKED: YC		VERT: 1"=20'	PRINT DATE: 4/17/2023		
							APPROVED:	DATE: 4/18/22	JOB NUMBER:	SHEET NUMBER: 7 of 14		

SCOTT C. GREER-CITY ENGINEER  
PE 58879 EXP. 6/30/2023

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TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
2" Full Pavement Grind	28,363	SQ. FT
2" Fill (1/2" HMA)	355	TONS
Lower/Raise Manhole Frame & Cover	2	EA
Lower/Raise Valve Box & Cover	6	EA
White Word Marking "STOP"	1	EA
12" Yellow Line	118	LF
Two-Way Blue Fire Hydrant Markers	1	EA
* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.		

LEGEND	
	= 2" FULL PAVEMENT GRIND AND 2" FILL

NO.	DESCRIPTION	DATE	BY

DRAWN: AEV	DESIGN: AEV	HOR: 1"=20'
CHECKED: YC		VERT: 1"=20'
APPROVED:	DATE: 4/18/23	JOB NUMBER:
SCOTT C. GREER-CITY ENGINEER PE 58879 EXP. 6/30/2023		



City of Morgan Hill

ENGINEERING AND UTILITIES

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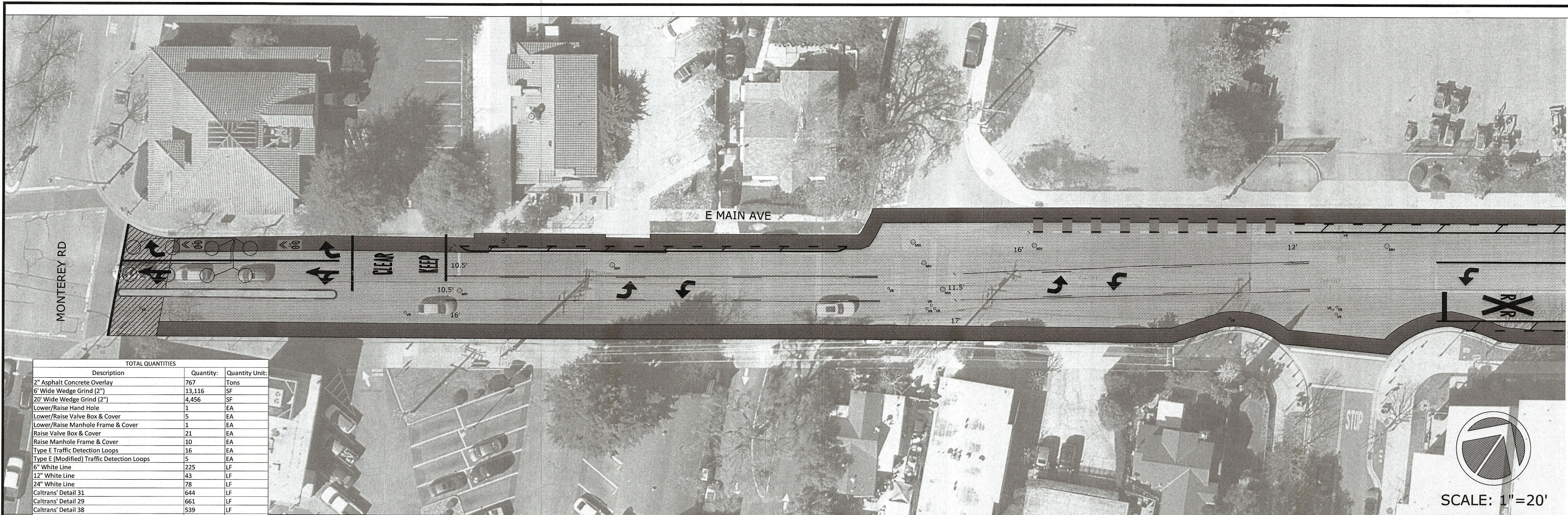
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2023 PAVEMENT RESURFACING PROJECT  
LA BELLA CT

FILE NUMBER: 000.00
PRINT DATE: 4/17/2023
SHEET NUMBER: 8 of 14

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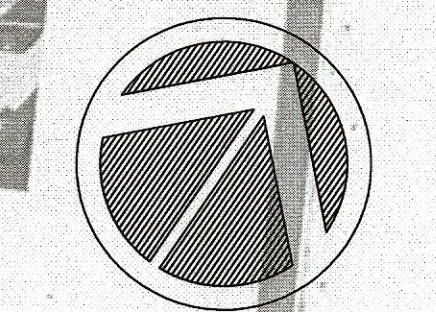




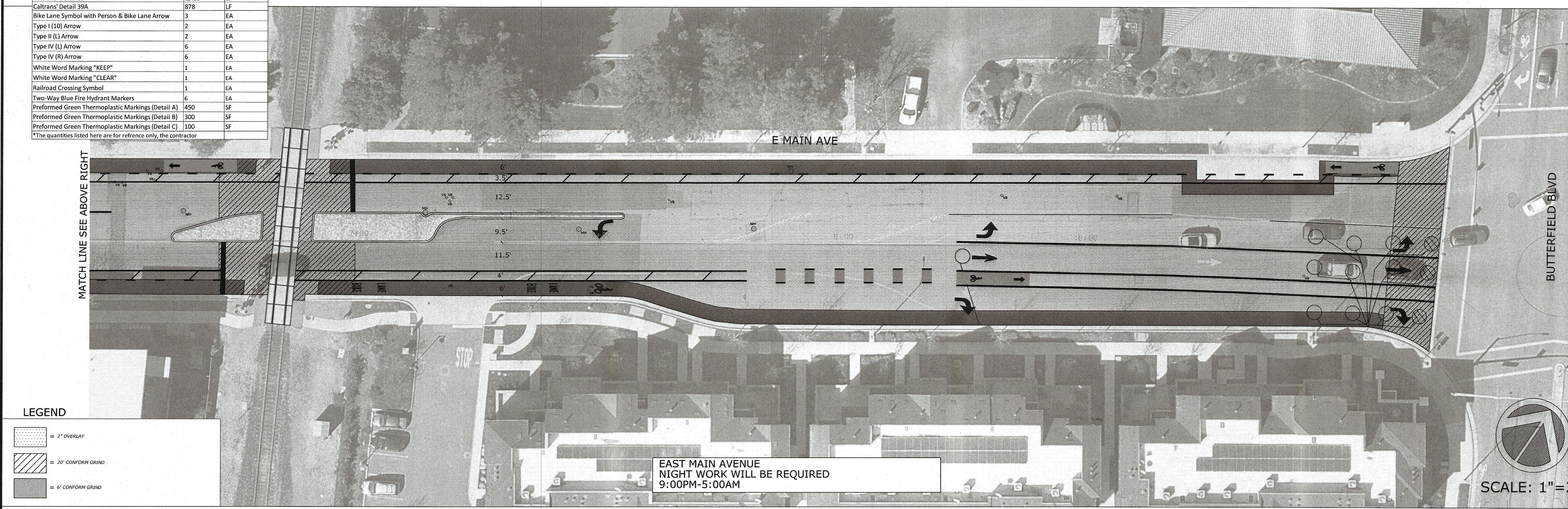
MATCH LINE SEE BELOW LEFT

TOTAL QUANTITIES		
Description	Quantity	Quantity Unit
2" Asphalt Concrete Overlay	767	Tons
6" Wide Wedge Grind (2")	13,116	SF
20" Wide Wedge Grind (2")	4,456	SF
Lower/Raise Hand Hole	1	EA
Lower/Raise Valve Box & Cover	5	EA
Lower/Raise Manhole Frame & Cover	1	EA
Raise Valve Box & Cover	21	EA
Raise Manhole Frame & Cover	10	EA
Type E Traffic Detection Loops	16	EA
Type E (Modified) Traffic Detection Loops	5	EA
6" White Line	225	LF
12" White Line	43	LF
24" White Line	78	LF
Caltrans' Detail 31	644	LF
Caltrans' Detail 29	661	LF
Caltrans' Detail 38	539	LF
Caltrans' Detail 39	1,483	LF
Caltrans' Detail 39A	878	LF
Bike Lane Symbol with Person & Bike Lane Arrow	3	EA
Type I (10) Arrow	2	EA
Type II (L) Arrow	2	EA
Type IV (L) Arrow	6	EA
Type IV (R) Arrow	6	EA
White Word Marking "KEEP"	1	EA
White Word Marking "CLEAR"	1	EA
Railroad Crossing Symbol	1	EA
Two-Way Blue Fire Hydrant Markers	6	EA
Preformed Green Thermoplastic Markings (Detail A)	450	SF
Preformed Green Thermoplastic Markings (Detail B)	300	SF
Preformed Green Thermoplastic Markings (Detail C)	100	SF

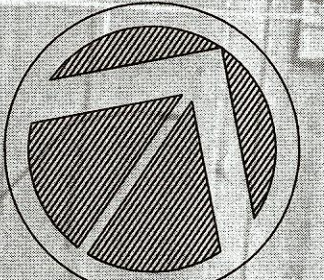
\*The quantities listed here are for reference only, the contractor



SCALE: 1"=20'



BUTTERFIELD BLVD



SCALE: 1"=20'

LEGEND			
	= 2" OVERLAY		
	= 20" CONFORM GRIND		
	= 6" CONFORM GRIND		

EAST MAIN AVENUE  
NIGHT WORK WILL BE REQUIRED  
9:00PM-5:00AM

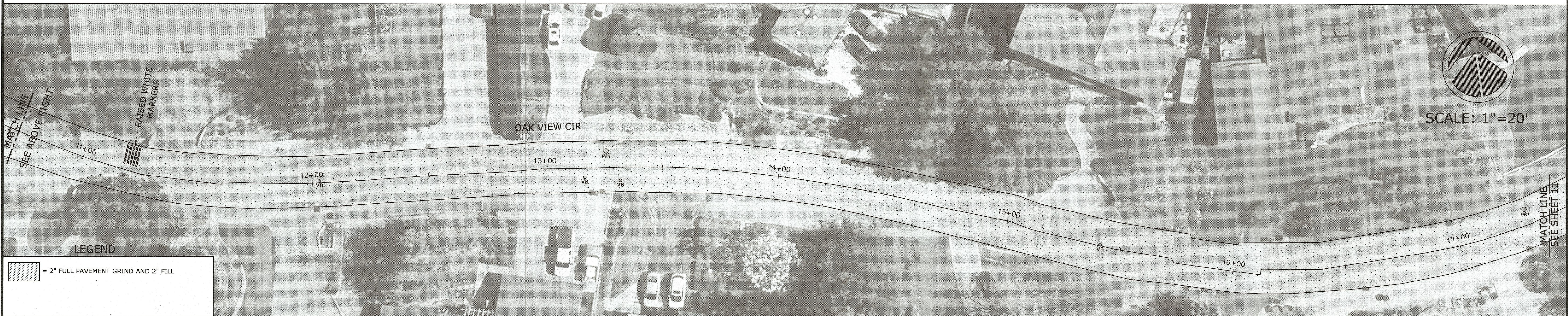
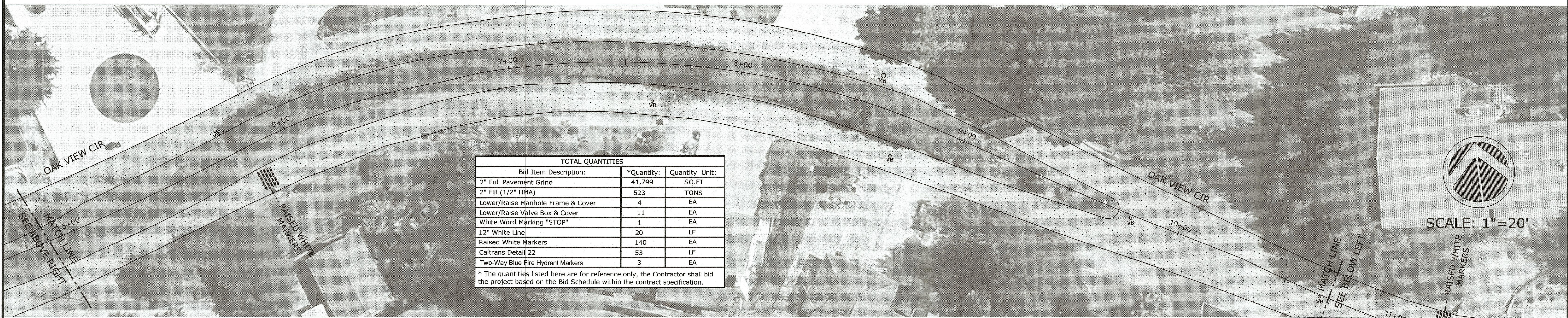
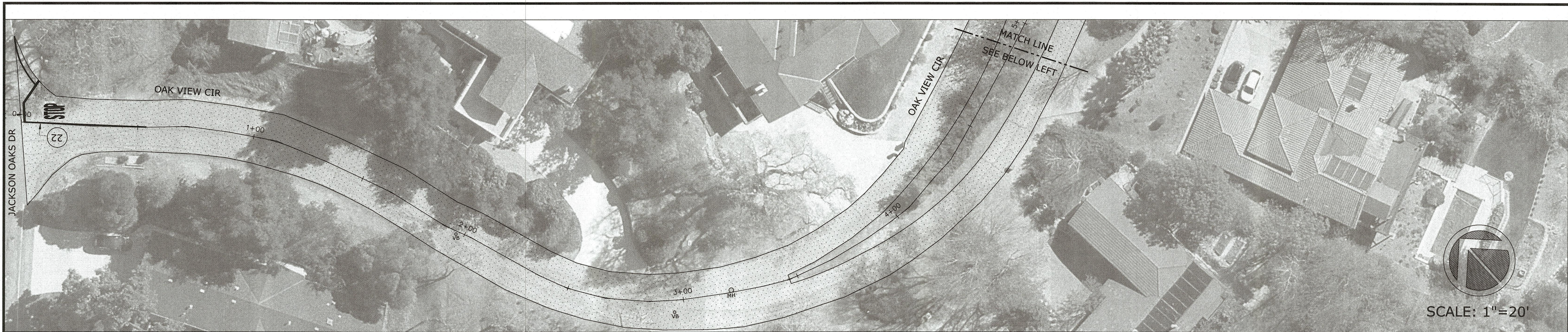
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WORK ACCEPTED:				INSPECTOR:				DRAWN:				DESIGN:				HOR:			
								AEV				YC				1"=20'			
								YC								1"=20'			
								APPROVED:				DATE:				JOB NUMBER:			
												4/10/23				51900			
								SCOTT CREER-CITY ENGINEER											
								PE 58879 EXP. 6/30/2023											

**City of Morgan Hill**  
ENGINEERING AND UTILITIES  
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**2023 PAVEMENT RESURFACING PROJECT**  
**EAST MAIN AVENUE**  
**(MONTEREY RD TO BUTTERFIELD BLVD)**

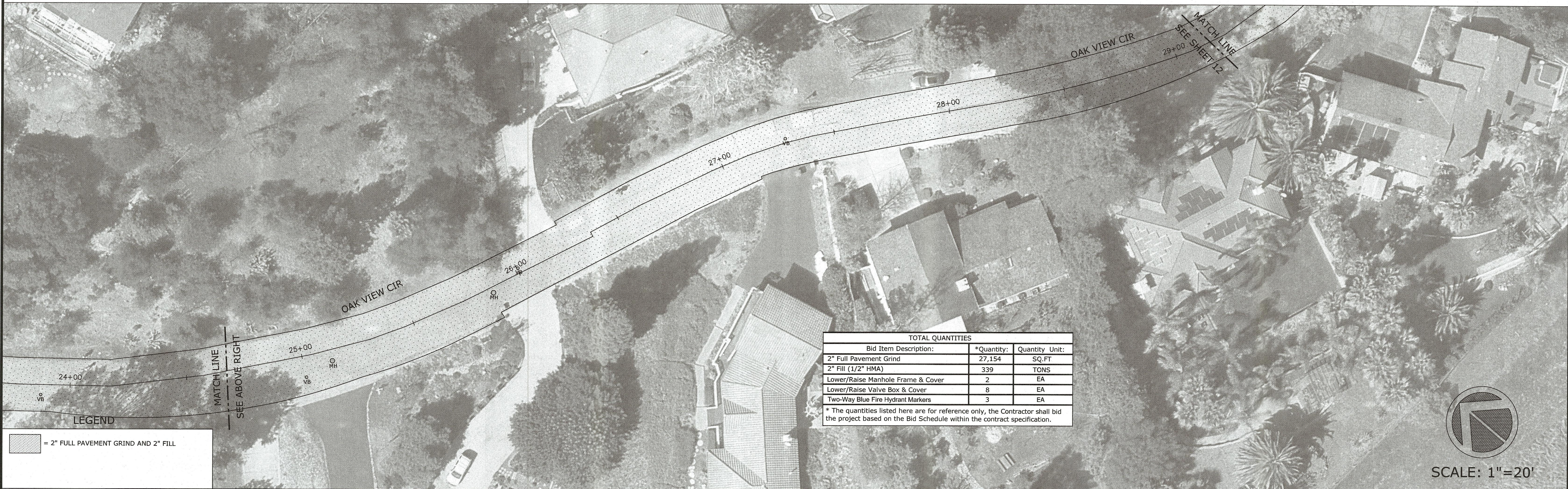
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000.00  
PRINT DATE:  
4/17/2023  
SHEET NUMBER:  
9 of 14





NO.		DESCRIPTION		DATE	BY	WORK ACCEPTED:	INSPECTOR:	DRAWN: AEV	DESIGN: YC	HOR: 1"=20'	VERT: 1"=20'	City of Morgan Hill ENGINEERING AND UTILITIES		OAK VIEW CIRCLE 2023 PAVEMENT RESURFACING PROJECT		FILE NUMBER: 000.00 PRINT DATE: 4/17/2023 SHEET NUMBER: 10 of 14
						DATE: 4/10/22		APPROVED: [Signature]				17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV				





TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
2" Full Pavement Grind	27,154	SQ.FT
2" Fill (1/2" HMA)	339	TONS
Lower/Raise Manhole Frame & Cover	2	EA
Lower/Raise Valve Box & Cover	8	EA
Two-Way Blue Fire Hydrant Markers	3	EA
* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.		

**LEGEND**

= 2" FULL PAVEMENT GRIND AND 2" FILL

NO.		DESCRIPTION		DATE	BY	DATE	BY

WORK ACCEPTED:	INSPECTOR:	DRAWN: AEV	DESIGN: AEV	HOR: 1"=20'
		CHECKED: YC		VERT: 1"=20'
		APPROVED:	DATE: 4/10/23	JOB NUMBER:
SCOTT CREER-CITY ENGINEER PE 58879 EXP. 6/30/2023				



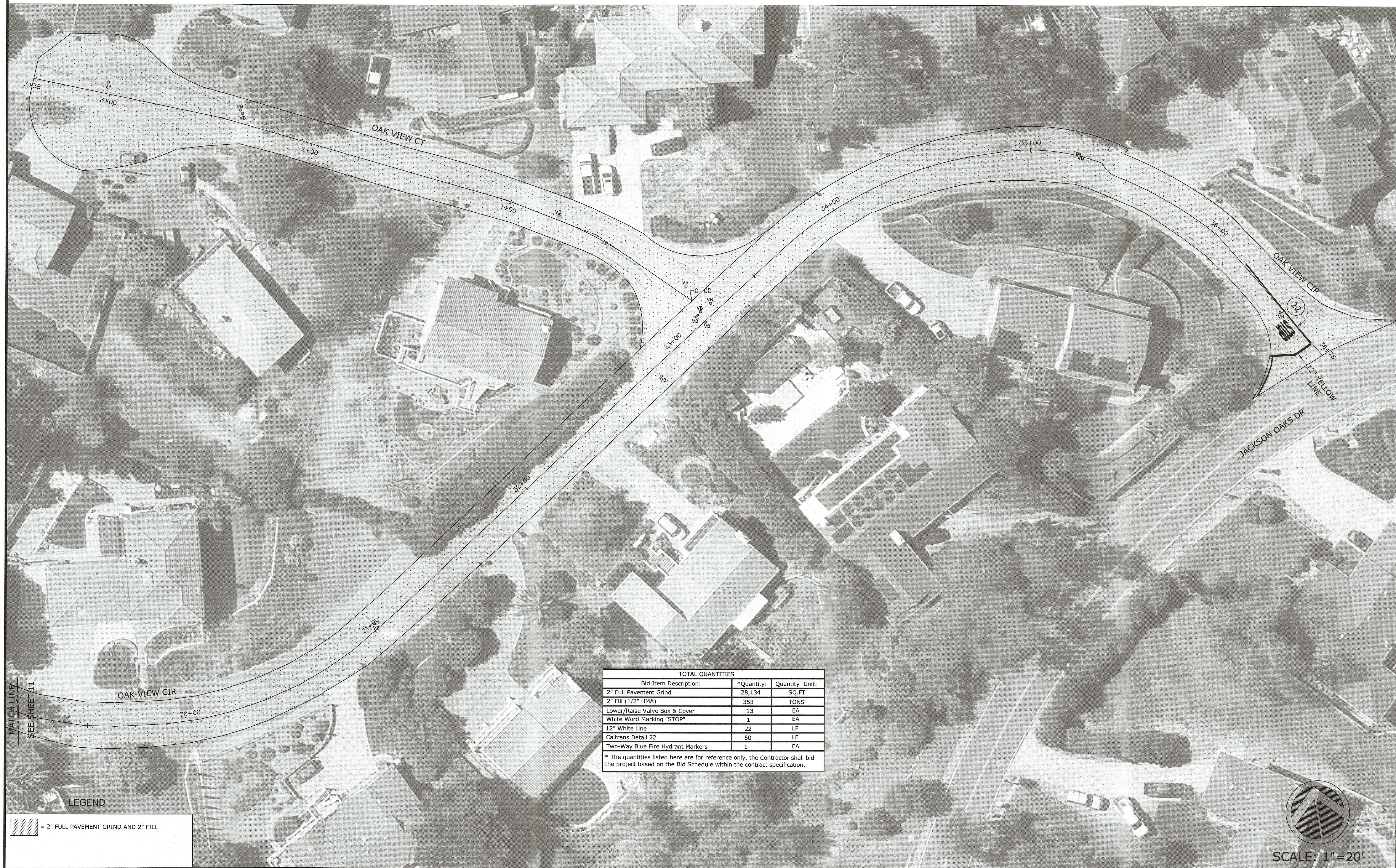
**City of Morgan Hill**  
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

**OAK VIEW CIRCLE**  
**2023 PAVEMENT RESURFACING PROJECT**

FILE NUMBER:  
000.00  
PRINT DATE:  
4/17/2023  
SHEET NUMBER:  
11 of 14

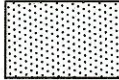


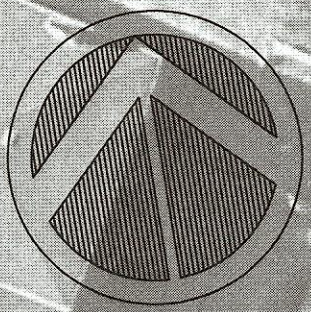


TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
2" Full Pavement Grind	28,134	SQ.FT
2" Fill (1/2" HMA)	353	TONS
Lower/Raise Valve Box & Cover	13	EA
White Word Marking "STOP"	1	EA
12" White Line	22	LF
Caltrans Detail 22	50	LF
Two-Way Blue Fire Hydrant Markers	1	EA


\* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

LEGEND

 = 2" FULL PAVEMENT GRIND AND 2" FILL



SCALE: 1"=20'

NO.	DESCRIPTION	DATE	BY	WORK ACCEPTED:	INSPECTOR:	DRAWN: AEV	DESIGN: AEV	HOR: 1"=20'
						CHECKED: YC		VERT: 1"=20'
						APPROVED: 	DATE: 4/10/23	JOB NUMBER:
						SCOTT CREER, CITY ENGINEER		
						PE 58879 EXP. 6/30/2023		



City of Morgan Hill  
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

OAK VIEW CIRCLE, OAK VIEW CT  
2023 PAVEMENT RESURFACING PROJECT

FILE NUMBER:  
000.00  
PRINT DATE:  
4/17/2023  
SHEET NUMBER:  
12 of 14



TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
4" Full Pavement Grind	14,139	SQ.FT
4" Fill (1/2" HMA)	354	TONS
Lower/Raise Manhole Frame & Cover	2	EA
White Word Marking "STOP"	1	EA
12" White Line	25	LF
Caltrans Detail 22	529	LF
Caltrans Detail 27B	1,022	LF
Railroad Crossing Symbol	1	EA

\* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

### LEGEND

 = 4" FULL PAVEMENT GRIND AND 4" FILL

SCALE: 1"=20'

					WORK ACCEPTED:	INSPECTOR:	DRAWN:	AEV	DESIGN:	AEV	HOR:	1"=20'
					BY:	DATE:	CHECKED:	YC			VERT:	1"=20'
NO.	DESCRIPTION	DATE	BY				APPROVED:	DATE:				

SCOTT C. CREER-CITY ENGINEER  
BE 68870 EXP. 6/30/2022



City of Morgan Hill  
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

## 2023 PAVEMENT RESURFACING PROJECT EAST MIDDLE AVENUE

FILE NUMBER:

000.00

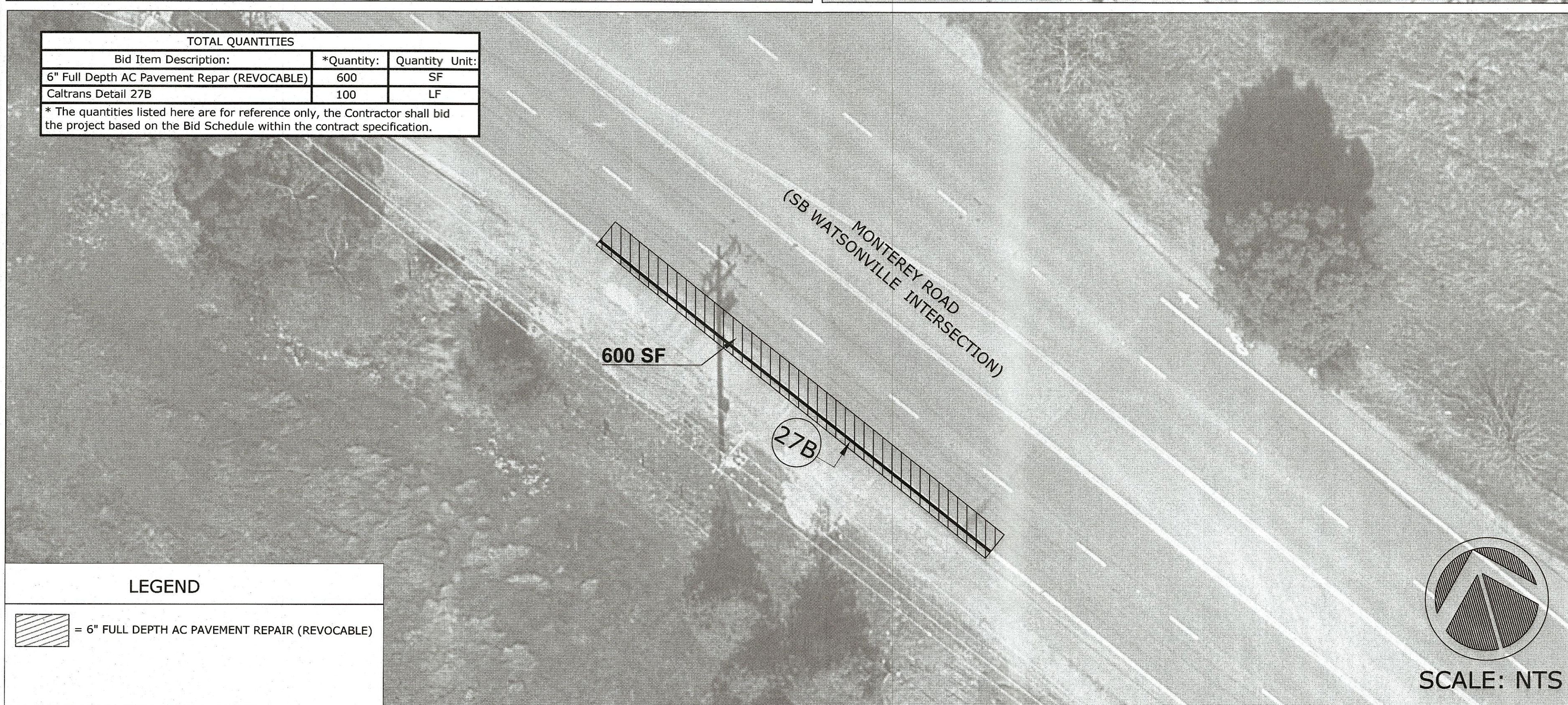
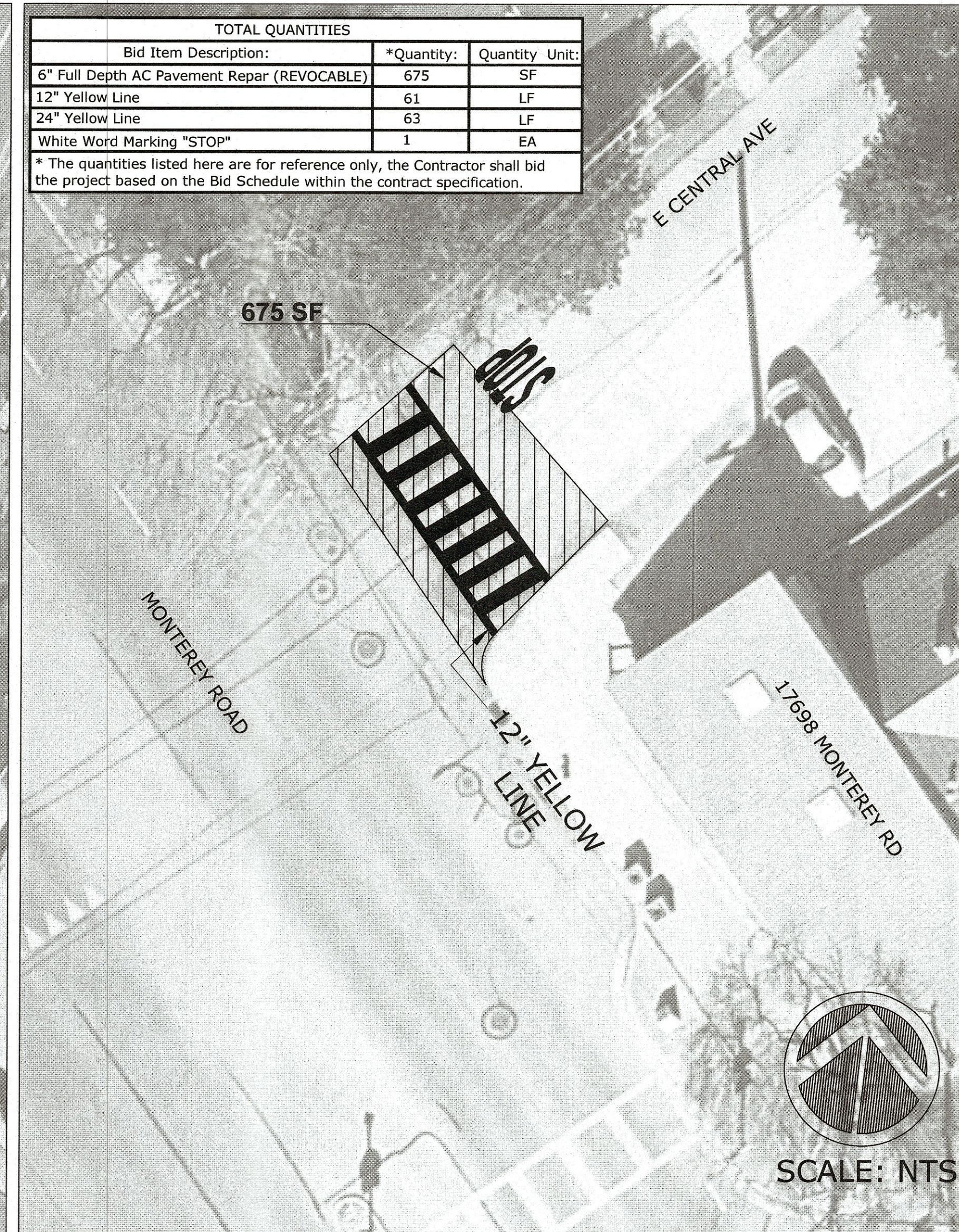
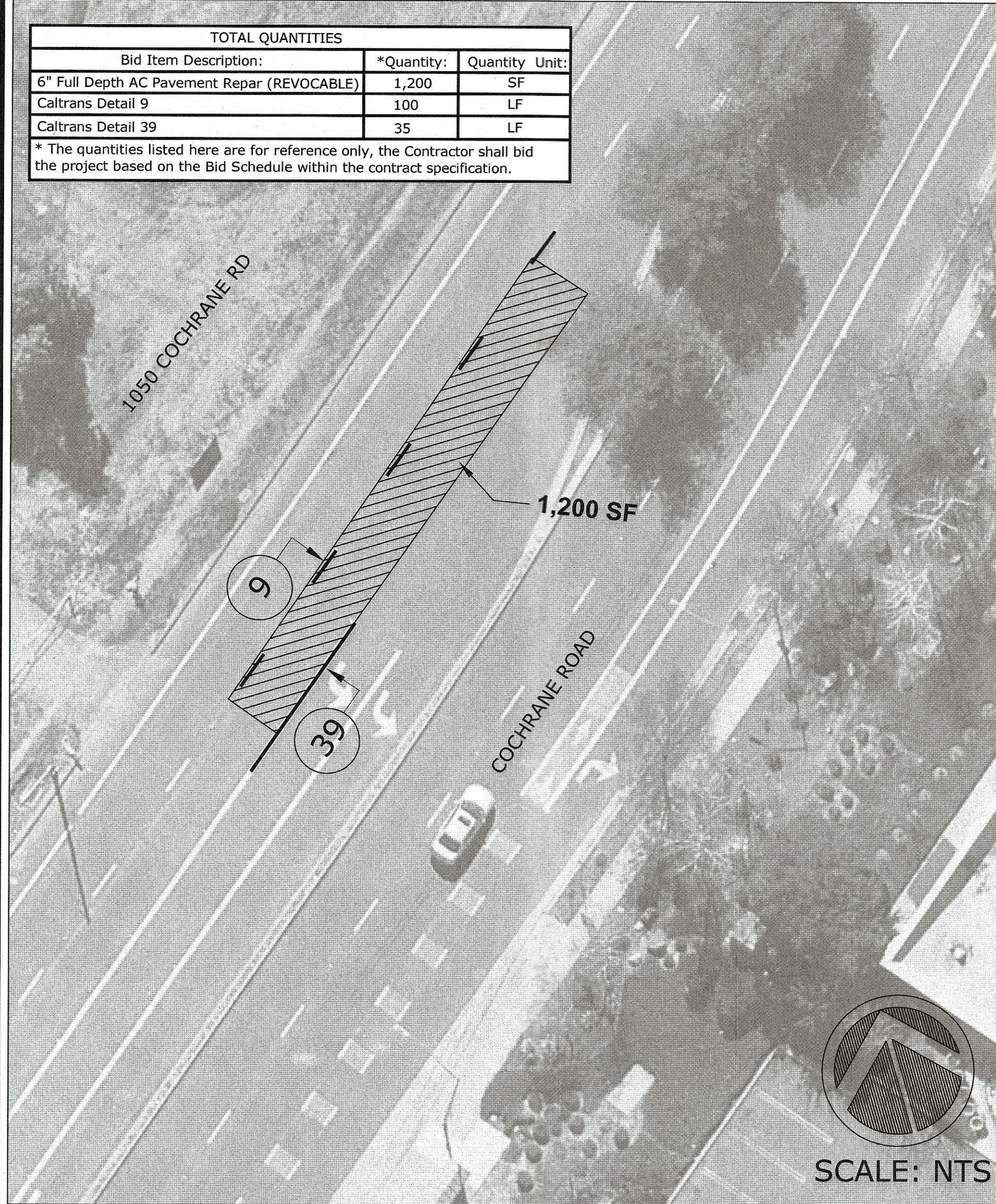
4/17/2023

SHEET NUMBER:

13 of 14

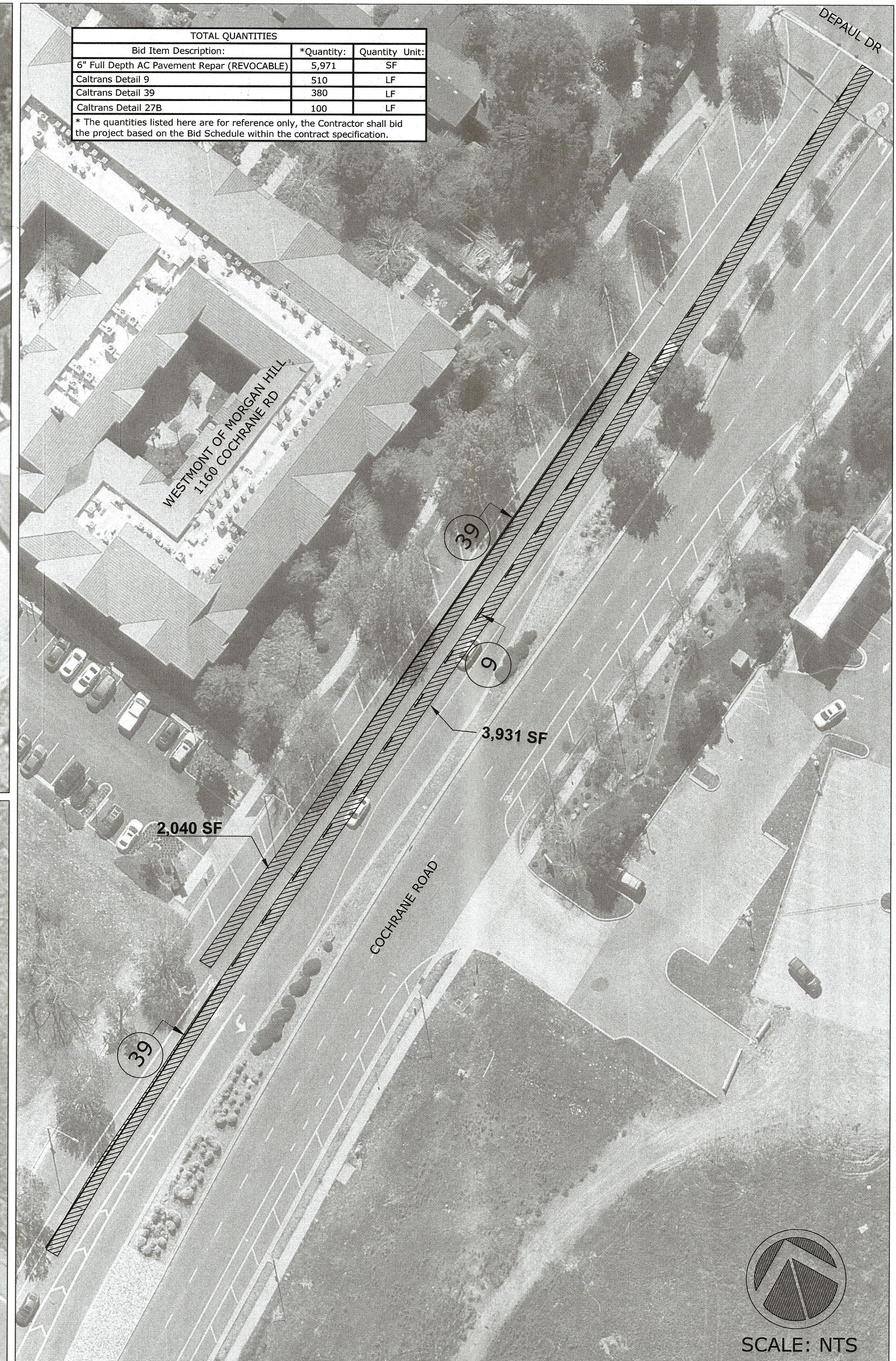
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**LEGEND**

= 6" FULL DEPTH AC PAVEMENT REPAIR (REVOCABLE)



				WORK ACCEPTED:	INSPECTOR:	DRAWN: AEV	DESIGN: AEV	HDR: NTS	
						CHECKED: YC		VERT: NTS	
NO.	DESCRIPTION	DATE	BY			BY:	DATE:	APPROVED: 	DATE: 4/10/23
						SCOTT C. GREEN-CITY ENGINEER PE 58879 EXP. 6/30/2023			



**City of Morgan Hill**  
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

**2023 PAVEMENT RESURFACING PROJECT**  
E CENTRAL AVE, MONTEREY ROAD, COCHRANE ROAD

FILE NUMBER:  
000.00  
PRINT DATE:  
4/17/2023  
SHEET NUMBER:  
14 of 14

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