Plans
for
Construction of

2025 Street Rehabilitation
Project No. 25ST0002

MAY 2024

Bid Proposals must be received no later than 2:00 p.m. July 2, 2024
City of Los Banos City Clerk
520 J Street
Los Banos, CA 93635

City of Los Banos
Public Works Department

PROJECT PLANS FOR CONSTRUCTION OF
2025 STREET REHABILITATION
PROJECT No. 25ST0002
CITY OF LOS BANOS

BENCHMARK

VERTICAL AND HORIZONTAL DATUM:

VERTICAL AND HORIZONTAL DATUM INFORMATION WAS TAKEN FROM THE NGS DATA SHEET FOR PID HS5126.
VERTICAL DATUM:NAVD88
ELEVATION:120.96'
HORIZONTAL DATUM:NAD83-2011, CALIFORNIA SPCS, ZONE 3

DESCRIPTION: STATION IS LOCATED ON THE EAST SIDE OF LOS BANOS, AT THE LOS BANOS MUNICIPAL AIRPORT, IN THE MEDIAN OF THE RUNWAY AND THE PARALLEL TAXI, NEAR THE FRONT VASI FOR RUNWAY 32. TO REACH THE JUNCTION OF STATE HIGHWAY 152 AND WEST I STREET ON THE WEST SIDE OF LOS BANOS, GO NORTHEAST ON WEST I STREET FOR 0.06 MI TO A PAVED ROAD LEFT. TURN LEFT, SOUTHWEST, ON PAVED ROAD FOR 0.25 MI TO A LOCKED GATE ON THE RIGHT. TURN RIGHT, NORTHEAST, THROUGH GATE, PASSING TO RIGHT OF FUEL PUMPS, ACROSS APRON FOR 0.05 MI TO THE PARALLEL TAXI. TURN LEFT, NORTHWEST, ON TAXI FOR 0.06 MI TO THE STATION ON THE RIGHT. STATION MARK IS SET IN THE TOP OF A 30-CM ROUND CONCRETE POST FLUSH WITH THE GROUND ON A SLIGHT HUMP IN A BARE AREA. IT IS 142.1 FT SOUTHWEST OF THE RUNWAY CENTER, 103.3 FT NORTHEAST OF THE EDGE OF THE APRON/TAXI, 26.6 FT SOUTHWEST OF THE SOUTH CORNER OF THE CONCRETE PAD FOR THE OUTBOARD VASI, 73.8 FT NORTHWEST OF THE EXTENDED SOUTHEAST WALL OF A HANGAR AND 1.3 FT NORTHWEST OF A FIBERGLASS WITNESS POST.

UTILITY CONTACTS

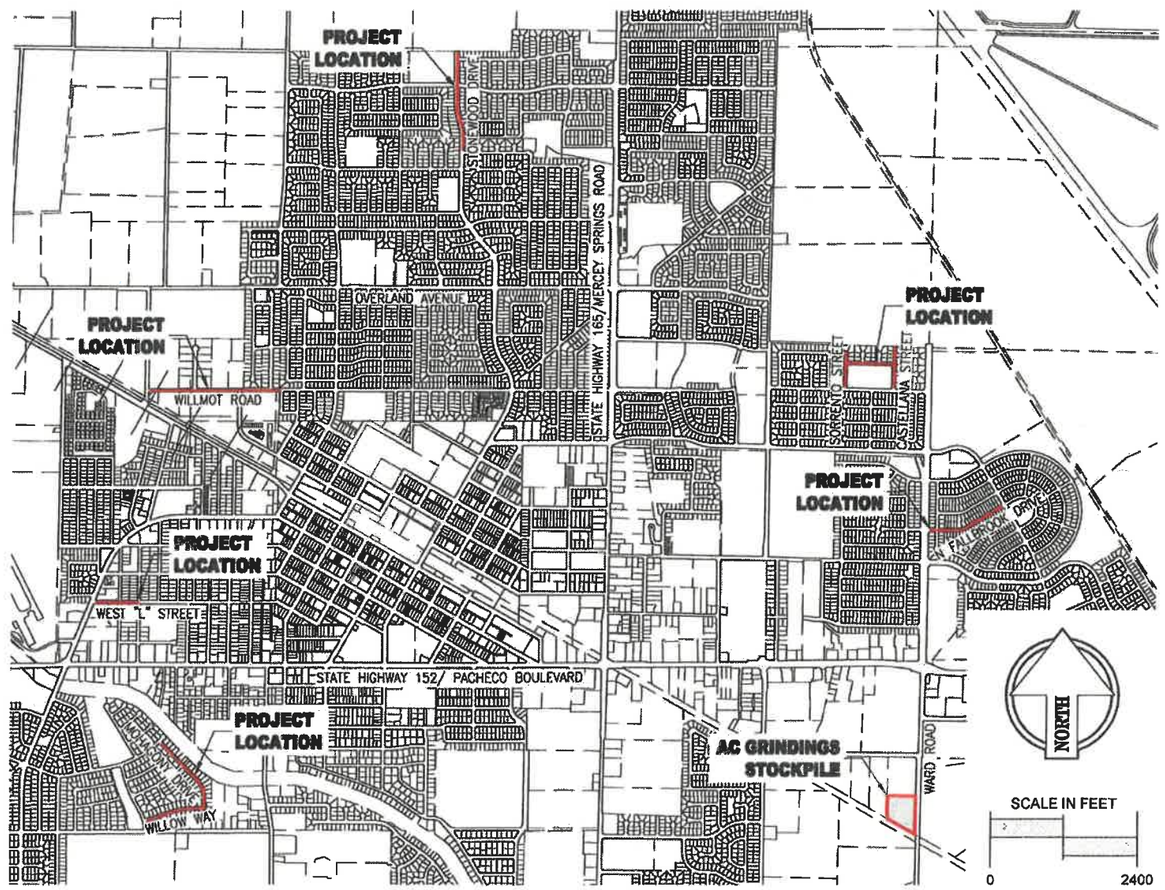
PG&E-	STEVE MURPHY 3185 M STREET MERCED, CA 95348	MAIN (209) 726-6338 CELL (209) 363-2216
AT&T-	RENEE BINGHAM 1116 M STREET MERCED, CA 95354	MAIN (209) 578-7354

SIGNATURE BLOCK

REVIEWED AND APPROVED BY THE CITY OF LOS BANOS PUBLIC WORKS DIRECTOR/CITY ENGINEER

BY: _____ DATE: 05 JUNE 2024

CHARLES BERGSON, P.E.
PUBLIC WORKS DIRECTOR/CITY ENGINEER



Plan sheets in this plan set are full size when printed on 11x17 size sheets without an exaggeration. The bar scale should be used to check plan sheet scale.

INDEX OF DRAWINGS

1	LOCATION MAP AND INDEX OF DRAWINGS
2	PROJECT NOTES AND LEGEND
3	KEY SHEET
4	STONEWOOD DRIVE DEMOLITION STA. 10+00 TO 27+25
5	WILLMOTT AVENUE DEMOLITION STA. 10+00 TO 33+00
6	WEST L STREET DEMOLITION STA. 10+00 TO 18+50
7	WILLOW WAY DEMOLITION STA. 10+00 TO 20+50
8	MOHOGANY DRIVE DEMOLITION STA. 10+00 TO 22+00
9	N FALLBROOK DRIVE DEMOLITION STA. 10+00 TO 25+25
10	SORRENTO STREET DEMOLITION STA. 10+00 TO 16+50
11	MONTIERI STREET DEMOLITION STA. 10+00 TO 17+25
12	CASTELLANA STREET DEMOLITION STA. 10+00 TO 17+75
13	STONEWOOD DRIVE PAVEMENT IMPROVEMENTS STA. 10+00 TO 27+25
14	WILLMOTT AVENUE PAVEMENT IMPROVEMENTS STA. 10+00 TO 33+00
15	WEST L STREET PAVEMENT IMPROVEMENTS STA. 10+00 TO 18+50
16	WILLLOW WAY PAVEMENT IMPROVEMENTS STA. 10+00 TO 20+50
17	MOHOGANY DRIVE PAVEMENT IMPROVEMENTS STA. 10+00 TO 22+00
18	N FALLBROOK DRIVE PAVEMENT IMPROVEMENTS STA. 10+00 TO 25+25
19	SORRENTO STREET PAVEMENT IMPROVEMENTS STA. 10+00 TO 16+50
20	MONTIERI STREET PAVEMENT IMPROVEMENTS STA. 10+00 TO 17+25
21	CASTELLANA STREET PAVEMENT IMPROVEMENTS STA. 10+00 TO 17+75
22	STONEWOOD DRIVE STRIPING PLAN
23	WILLMOTT AVENUE STRIPING PLAN
24	WEST L STREET STRIPING PLAN
25	WILLOW WAY STRIPING PLAN
26	MOHOGANY DRIVE STRIPING PLAN
27	N FALLBROOK DRIVE STRIPING PLAN
28	SORRENTO STREET STRIPING PLAN
29	MONTIERI STREET STRIPING PLAN
30	CASTELLANA STREET STRIPING PLAN
31	TYPICAL STREET SECTIONS, PAVEMENT DIGOUTS AND UTILITY ADJUSTMENT DETAILS
32	TRAFFIC CONTROL DETAILS

Know what's **below.**
Call before you dig.

REGISTERED PROFESSIONAL ENGINEER
MARIO R. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CONSULTING ENGINEERS
456 Sixth Street • Gustine, California 95322
Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
LOCATION MAP AND INDEX OF DRAWINGS

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-101
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	1
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF 32 SHEETS	
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 2:19pm
V:\CLIENT\Los Banos\Projects\845\10\C-101.dwg

GENERAL NOTES

1. PROJECT WORK HOURS ARE:

   MON – FRI 7AM – 5PM

2. THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS".
3. SURVEY MONUMENTS ARE NOT LOCATED AS PART OF THE USA CALL BEFORE YOU DIG PROCESS. THE PROJECT SURVEYOR SHALL LOCATE AND MARK THE MONUMENTS WITHIN THE PROJECT ENVELOPE FOR PRESERVATION.
4. PURSUANT TO SECTION 8771 OF THE CALIFORNIA BUSINESS AND PROFESSIONALS CODE, THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND PRESERVATION OF ANY MONUMENTATION FOUND WITHIN OR ADJACENT TO THE PROJECT IMPROVEMENTS. IF PROJECT IMPROVEMENTS ENCROACH UPON AN AREA WHERE MONUMENTATION IS PRESENT, THE ENGINEER OF RECORD MUST BE CONTACTED AND THE MONUMENT MUST BE PROTECTED AND REMAIN UNDISTURBED BY CONSTRUCTION ACTIVITIES. IF AN EXISTING MONUMENT IS DISTURBED DURING CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS RELATED TO RESTORATION OF THE MONUMENT INCLUDING THE DOCUMENTATION, RECORDATION, AND RESETTING OF THE MONUMENT (IF REQUIRED) BY THE ENGINEER OF RECORD.
5. EXISTING UTILITY LOCATIONS ARE SHOWN BASED ON USA MARKINGS COLLECTED IN THE FIELD AND RECORD INFORMATION PROVIDED BY THE UTILITY OWNER. ACTUAL BUILT LOCATIONS AND UTILITY DEPTHS MAY VARY. THE ENGINEER DOES NOT GUARANTEE THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS TO BE EITHER TRUE OR EXACT. THE CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND EXACT LOCATION OF EXISTING UTILITIES PRIOR TO EXCAVATION ACTIVITIES TO THE SATISFACTION OF THE UTILITY OWNER. ALL COSTS RELATED TO LOCATING AND PROTECTING EXISTING UTILITIES AS REQUIRED BY THE RESPONSIBLE UTILITY COMPANY AND/OR GOVERNING AGENCY ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE COSTS INCLUDE ALL LOCATING AND POT HOLE ACTIVITIES REQUIRED BY THE UTILITY OWNER. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE EXCAVATING IN AREAS NEAR NATURAL GAS, TV, PHONE, AND OTHER EXISTING UTILITIES AND IS RESPONSIBLE FOR ALL COSTS RELATED TO DAMAGED LINES OR DISRUPTION OF SERVICE CAUSED BY ANY ACTIVITIES AS THEY RELATE TO THIS PROJECT.
6. THE CONTRACTOR SHALL BE AWARE OF EXISTING OVERHEAD UTILITY LINES AND SHALL EXERCISE CAUTION WHILE WORKING NEAR SUCH LINES. OVERHEAD UTILITY LINES HAVE BEEN OMITTED FROM PLANS FOR CLARITY PURPOSES.
7. THE CONTRACTOR SHALL EXERCISE CARE TO MINIMIZE DAMAGE TO FACILITIES ADJACENT TO PROJECT IMPROVEMENTS SUCH AS EQUIPMENT, FENCING, CONCRETE FLATWORK, LANDSCAPING, LANDSCAPE IRRIGATION, ECT., DESIGNATED TO REMAIN. ANY FACILITIES DAMAGED BY THE CONTRACTOR SHALL BE RESTORED IN KIND AT NO COST TO THE CITY TO THEIR ORIGINAL PRE-CONSTRUCTION CONDITION OR BETTER UNLESS OTHERWISE SHOWN ON THE PLANS. DISTURBED AND DAMAGED SURFACES SHALL BE RESTORED AFTER ALL CONSTRUCTION IS COMPLETE AND PRIOR TO CITY ACCEPTANCE.
8. IN INSTANCES WHERE RESTORATION OF THE PAVEMENT IMPACTS ADJACENT FACILITIES SUCH AS EXISTING UTILITY FRAMES AND COVERS, THOSE FACILITIES SHALL BE ADJUSTED TO GRADE.
9. AT THE END OF EACH DAY OR AS DIRECTED BY THE OWNER, THE CONTRACTOR SHALL SWEEP ROADWAYS OF ALL DEBRIS AND EXCESS MATERIAL ATTRIBUTED TO THE CONTRACTOR'S OPERATIONS. UNLESS OTHERWISE APPROVED BY THE OWNER, MECHANICAL STREET SWEEPERS WITHOUT DEBRIS STORAGE COMPARTMENTS WILL NOT BE ALLOWED.
10. UNLESS OTHERWISE APPROVED BY THE OWNER, TARPS OR OTHER EFFECTIVE COVERS ARE REQUIRED ON ALL STOCKPILED MATERIAL AND ON ALL HAUL TRUCKS TO MINIMIZE DUST.
11. UTILITY CONFLICTS ARE TO BE WORKED OUT IN THE FIELD WITH THE PROJECT ENGINEER AND CITY REPRESENTATIVE.
12. EXCESS AC GRINDINGS CAN BE STOCKPILED AT THIS LOCATION: THE WATER TANK LOCATED AT 14309 WARD ROAD. EXCESS AC GRINDINGS SHALL BECOME PROPERTY OF THE OWNER.

TRAFFIC MANAGEMENT NOTES

1. THE CONTRACTOR SHALL FOLLOW THE TRAFFIC CONTROL PLAN AND COORDINATE TRAFFIC CONTROL EFFORTS WITH THE PUBLIC WORKS DEPARTMENT, AND THE ENGINEER OF RECORD DURING THE CONSTRUCTION OF THE PROJECT.
2. THE CONTRACTOR IS REQUIRED TO MAINTAIN EMERGENCY VEHICLE ACCESS THROUGH THE PROJECT AREA AT ALL TIMES.
3. THE CONTRACTOR SHALL MAINTAIN PROPERTY ACCESS AT ALL TIMES. CONSTRUCTION ACTIVITIES SHALL BE COORDINATED IN SUCH A MANNER TO ALLOW BUSINESSES ADJACENT TO THE PROJECT TO HAVE AT LEAST ONE POINT OF ACCESS DURING CONSTRUCTION.
4. ALL SIGNS AND TRAFFIC CONTROL DEVICES BEING USED SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE MUTCD.
5. THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY PLACED PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING THE TRAFFIC CONTROL DEVICES BEING IMPLEMENTED THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
6. REFLECTIVE TABS ARE NOT ACCEPTABLE TO BE USED AS TEMPORARY DELINEATION DEVICES.
7. THE CONTRACTOR SHALL DIRECT PEDESTRIANS TO USE ALTERNATE ROUTES WHILE CONSTRUCTION IS TAKING PLACE WITHIN PEDESTRIAN ROUTE.
8. THE CONTRACTOR SHALL NOTIFY ALL OWNERS WITHIN THE AFFECTED AREA AT LEAST 2 FULL BUSINESS DAYS PRIOR TO ANY ROAD CLOSURE.
9. IN AREAS WHERE PARKING WILL BE RESTRICTED DURING CONSTRUCTION, TEMPORARY NO PARKING SIGNS WITH DATES OF RESTRICTION SHALL BE PUT INTO PLACE AT LEAST 3 FULL BUSINESS DAYS PRIOR TO THE IMPLEMENTATION OF RESTRICTED PARKING.

LEGEND

	EXISTING	PROPOSED
CONCRETE		
AREA OF AC PLANING		
AREA OF AC OVERLAY		
AREA OF AC DIGOUT		
AREA OF AC LEVELING COARSE		
AREA OF SHOULDER BACKING		

FOR CLARITY PURPOSES SYMBOLS SHOWN IN THE LEGEND MAY APPEAR SMALLER THAN SHOWN ON THE PLANS.

Know what's **below.**
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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
PROJECT NOTES AND LEGEND

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING C-102	
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET 2 OF 32 SHEETS	
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER 845.10	

May 31, 2024 - 2:10pm
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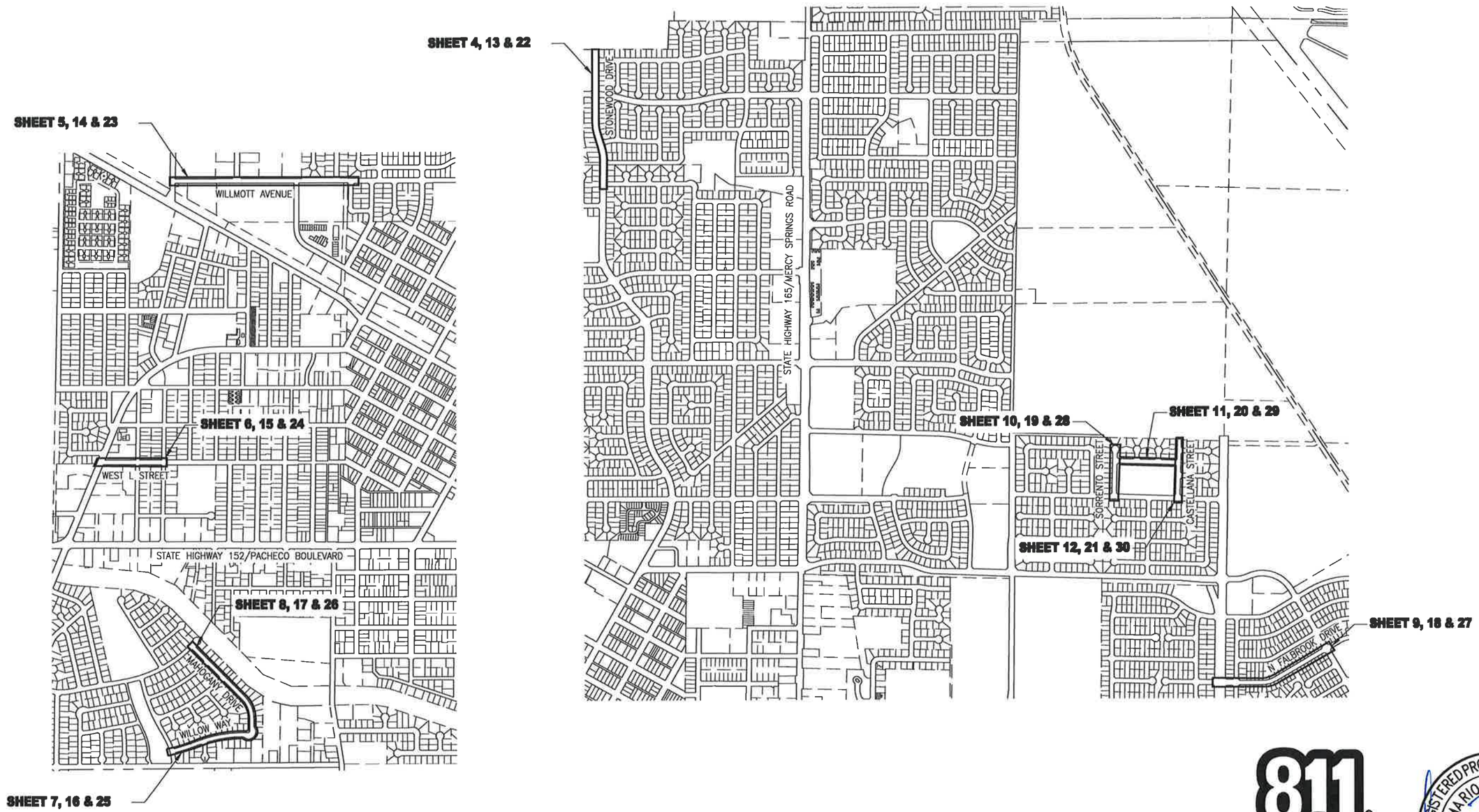

SCALE IN FEET

0 1300 2600

NORTH

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MARIO B. GOUVEIA
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CITY OF LOS BANOS
2025 STREET REHABILITATION
KEY SHEET

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-103
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	3 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:12pm
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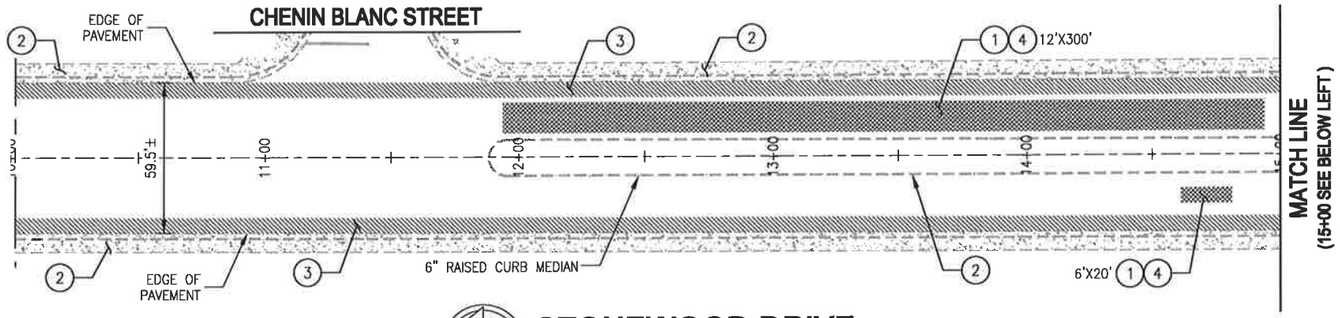
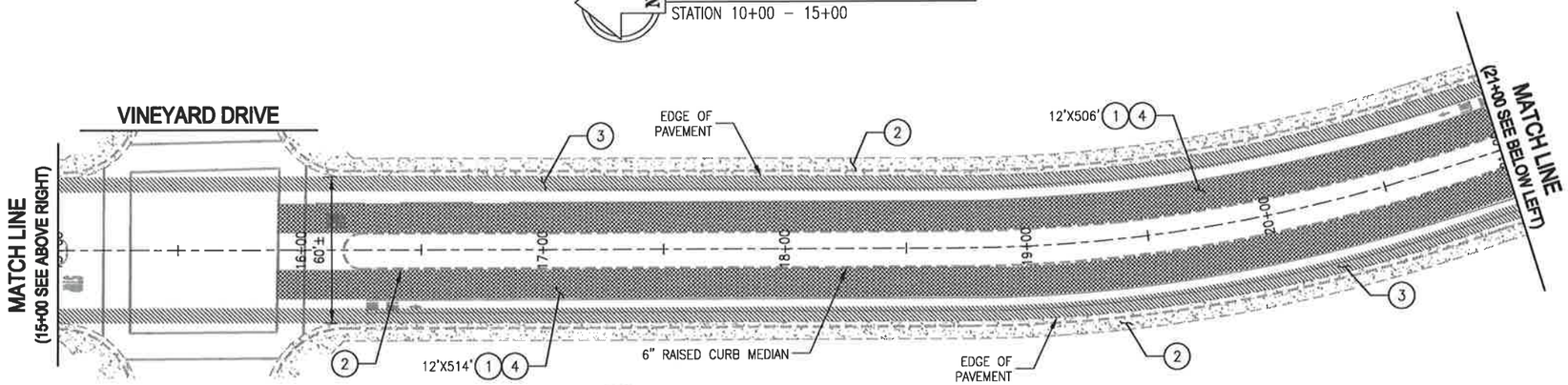
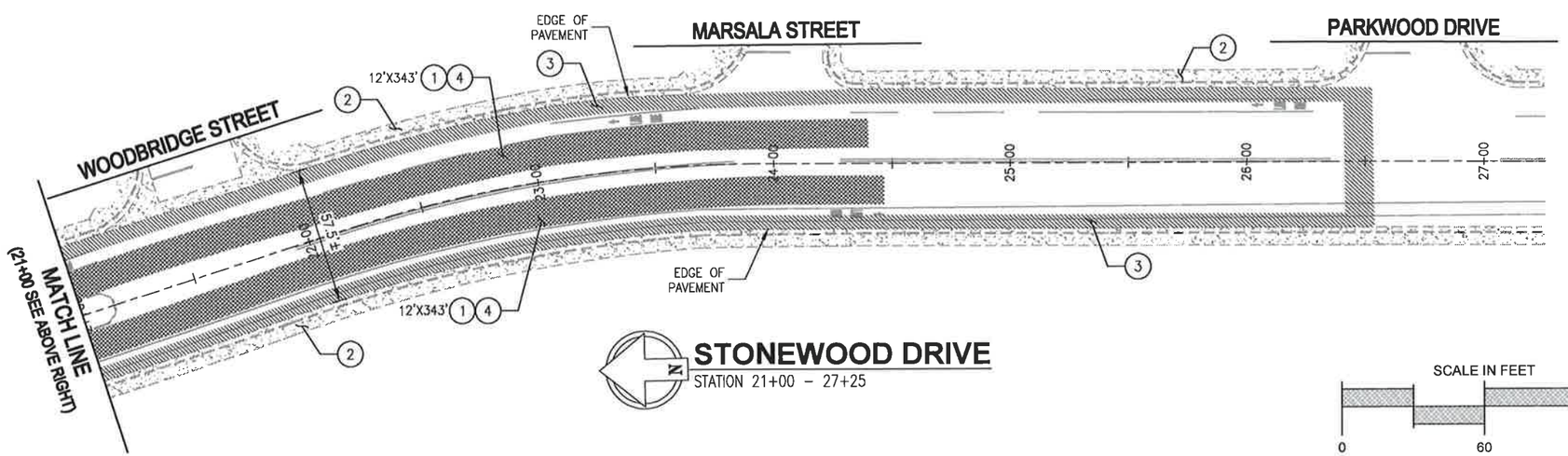


STONEWOOD DRIVE
STATION 10+00 – 15+00



STONEWOOD DRIVE
STATION 15+00 – 21+00



STONEWOOD DRIVE
STATION 21+00 – 27+25

SCALE IN FEET
0 60 120

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
2	EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
3	AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	
4	HEAVY DAMAGE TO AC AREA. REMOVE DAMAGED AC AND BASE MATERIAL. REPLACE WITH 8" OF AB AND 3" OF AC PRIOR TO PLACEMENT OF OVERLAY.	3/31

ESTIMATED QUANTITIES

AC EDGE PLANING	3,398	LF
PAVEMENT DIGOUT	24,195	SF
AC PAVEMENT	476	TN

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CITY OF LOS BANOS
2025 STREET REHABILITATION
STONEWOOD DRIVE DEMOLITION
STA. 10+00 TO 27+25

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-104
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	4
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF	32 SHEETS
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:12pm
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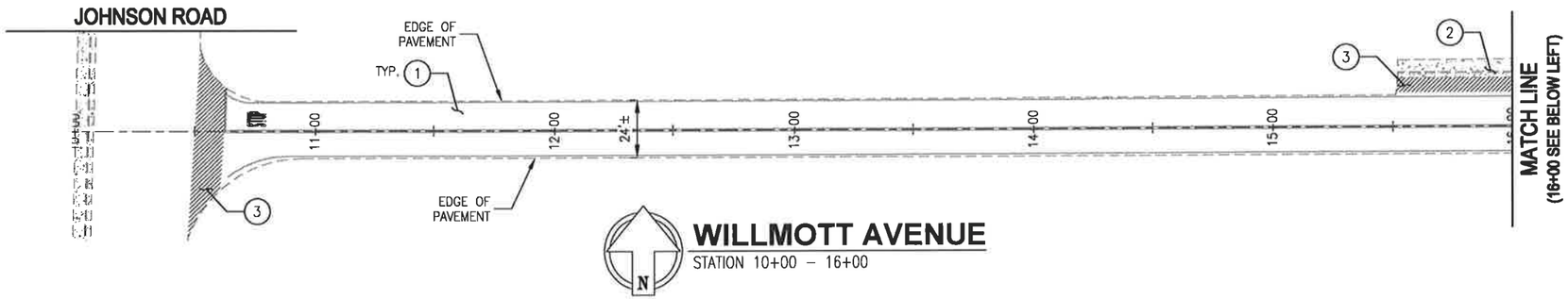
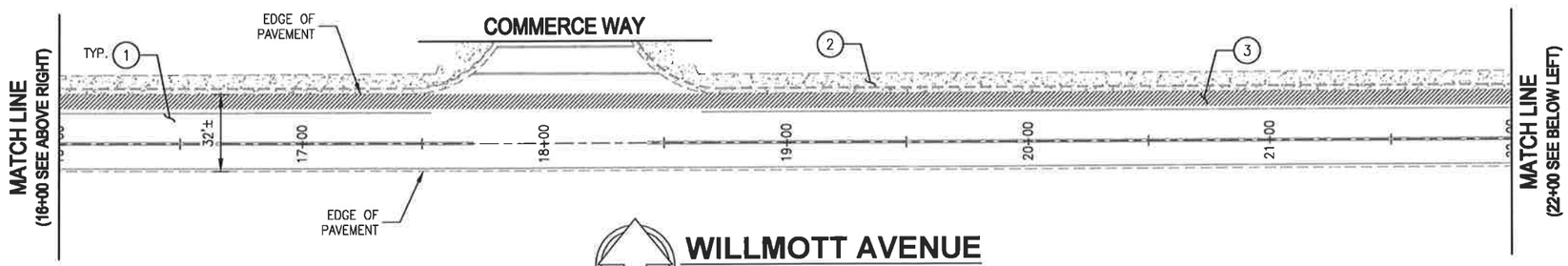
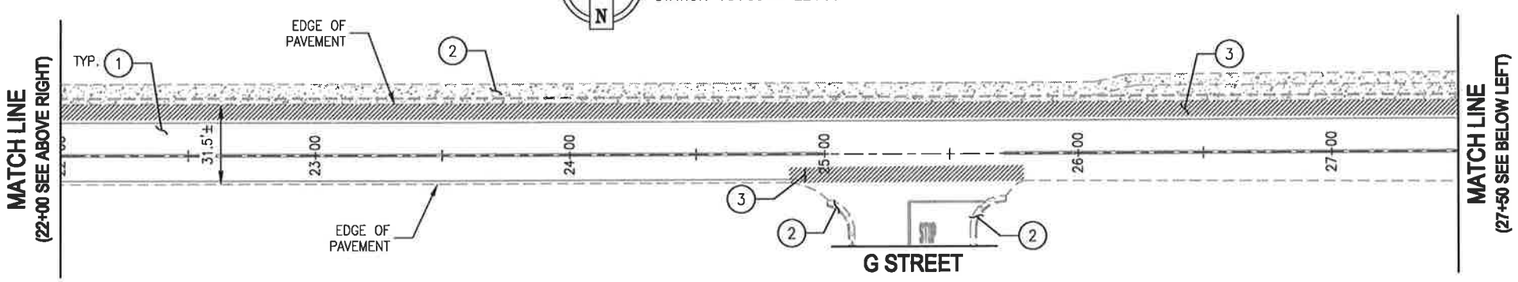


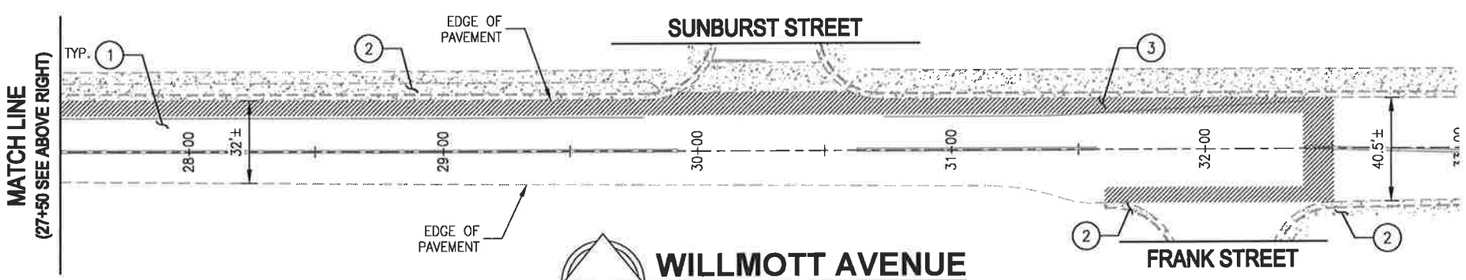
WILLMOTT AVENUE
STATION 10+00 – 16+00



WILLMOTT AVENUE
STATION 16+00 – 22+00



WILLMOTT AVENUE
STATION 22+00 – 27+50



WILLMOTT AVENUE
STATION 27+50 – 33+00

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
2	EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
3	AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

ESTIMATED QUANTITIES

AC EDGE PLANING ..... 2,079 LF

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
WILLMOTT AVENUE DEMOLITION
STA. 10+00 TO 33+00

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-105
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	5 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 2:13pm
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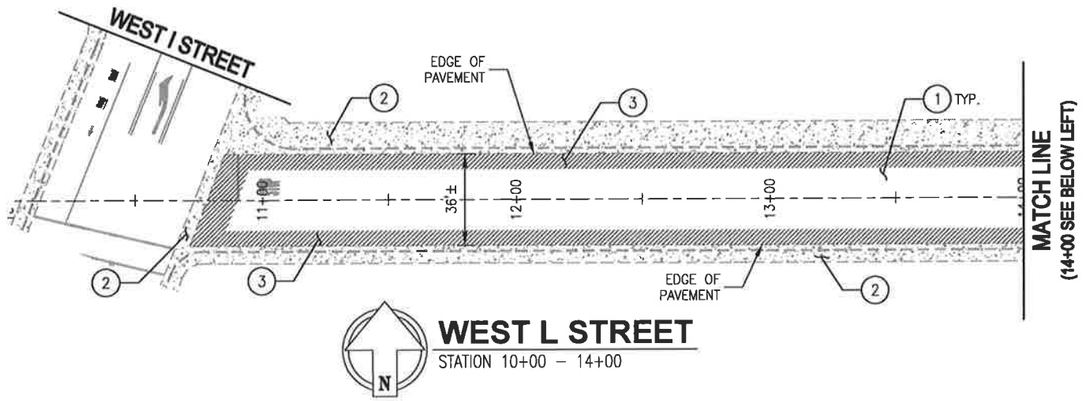
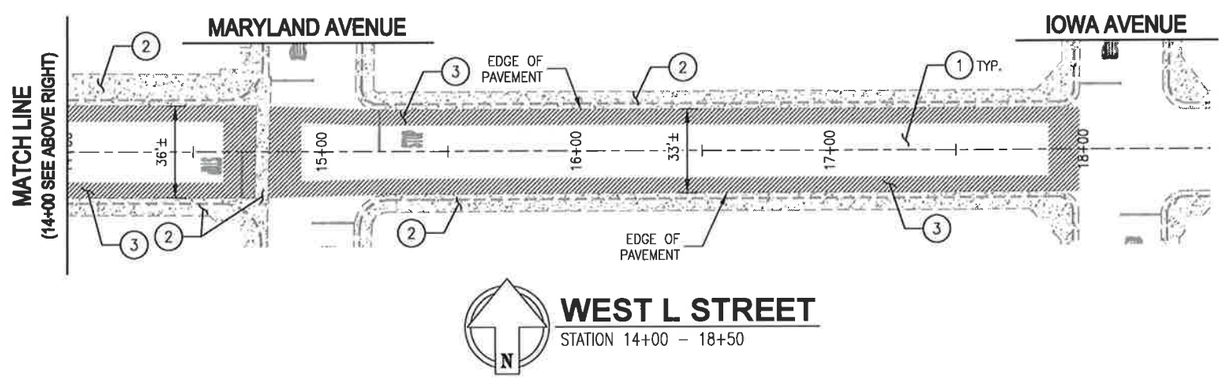
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
(2) EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
(3) AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

ESTIMATED QUANTITIES

AC EDGE PLANING ..... 1,598 LF



WEST L STREET
STATION 10+00 – 14+00



WEST L STREET
STATION 14+00 – 18+50

SCALE IN FEET
0 60 120

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
WEST L STREET DEMOLITION
STA. 10+00 TO 18+50

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-106
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	6
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF	32 SHEETS
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:13pm
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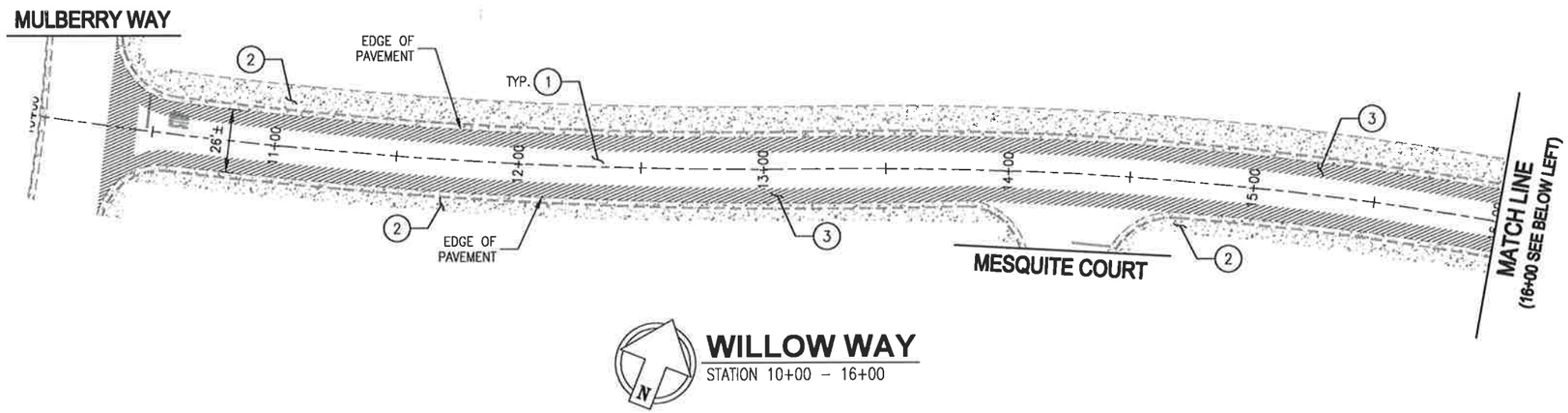

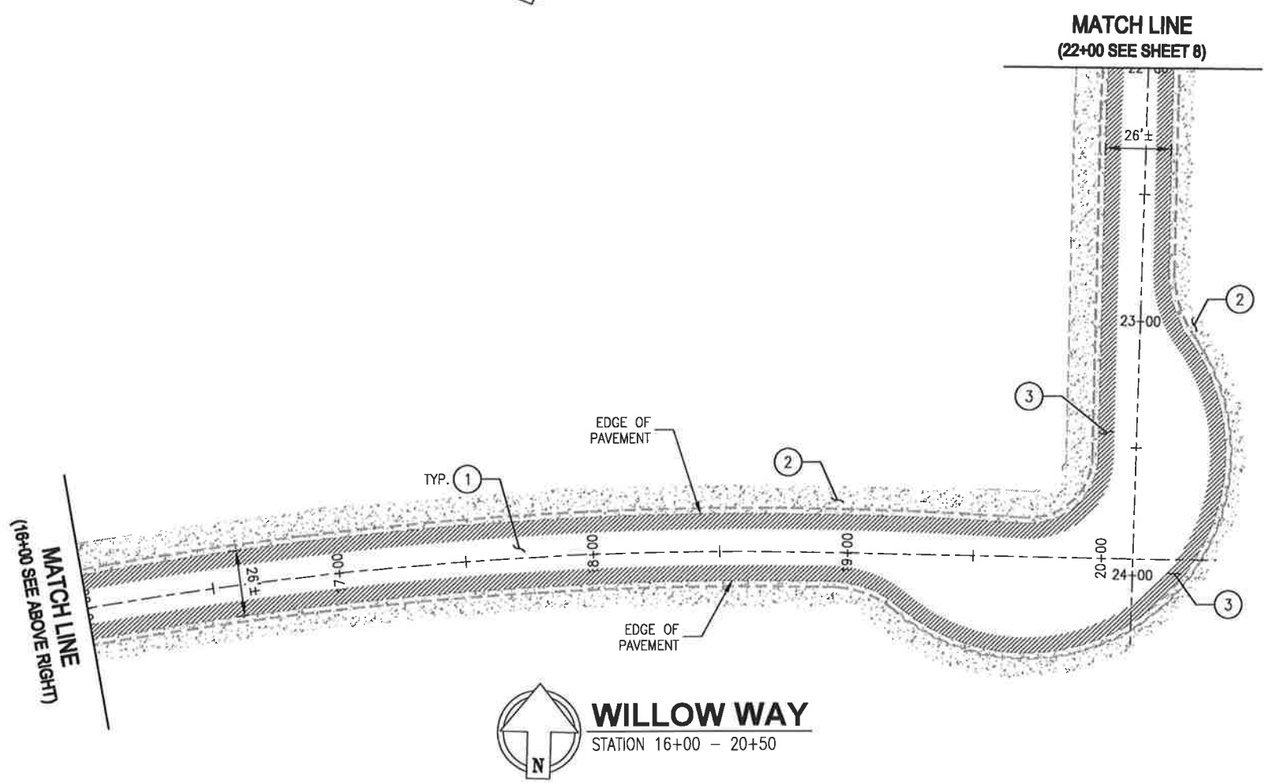

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
2	EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
3	AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

ESTIMATED QUANTITIES

AC EDGE PLANING ..... 2,422 LF

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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456 Sixth Street • Gustine, California 95322
Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
WILLOW WAY DEMOLITION
STA. 10+00 TO 20+50

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-107
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	7
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF	32 SHEETS
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 2:14pm
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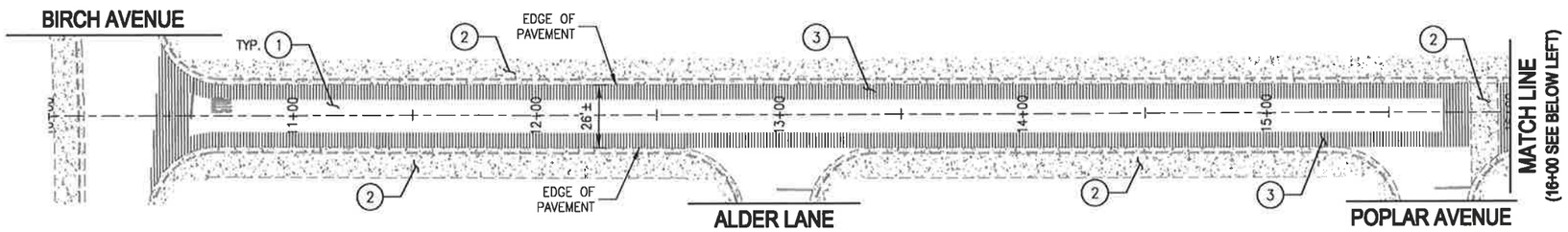
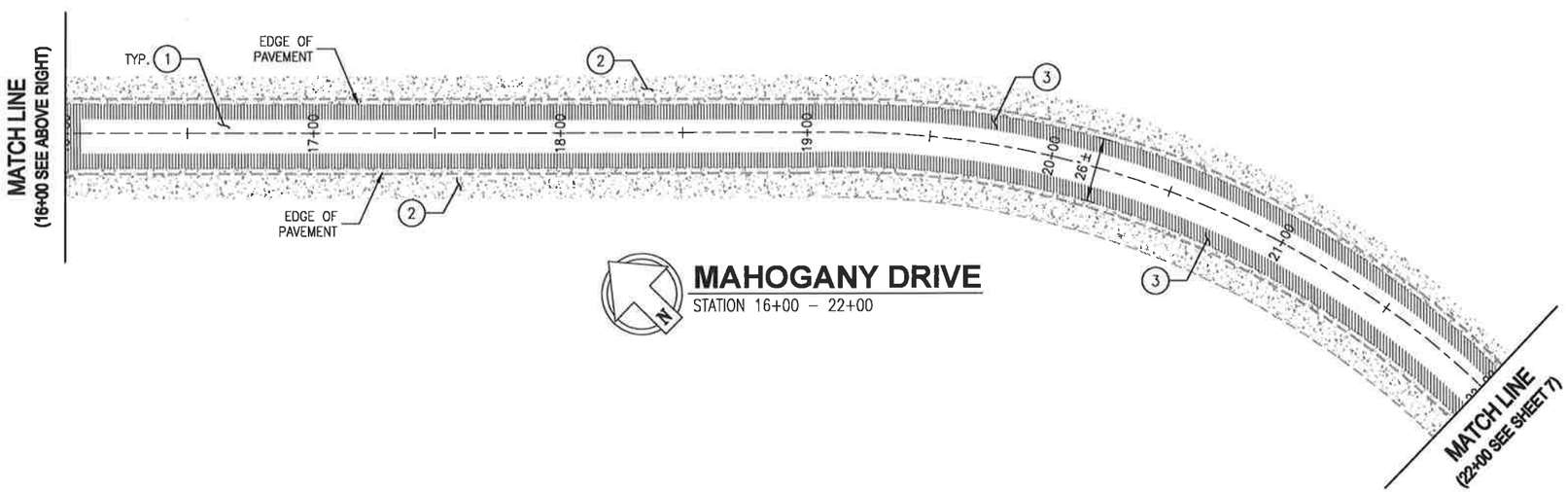


MAHOGANY DRIVE

STATION 10+00 – 16+00



MAHOGANY DRIVE

STATION 16+00 – 22+00

CONSTRUCTION NOTES	REFERENCE DETAIL
(1) LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
(2) EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
(3) AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

ESTIMATED QUANTITIES

AC EDGE PLANING ..... 2,390 LF

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
MAHOGANY DRIVE DEMOLITION
STA. 10+00 TO 22+00

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-108
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	8
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF	32 SHEETS
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:14pm
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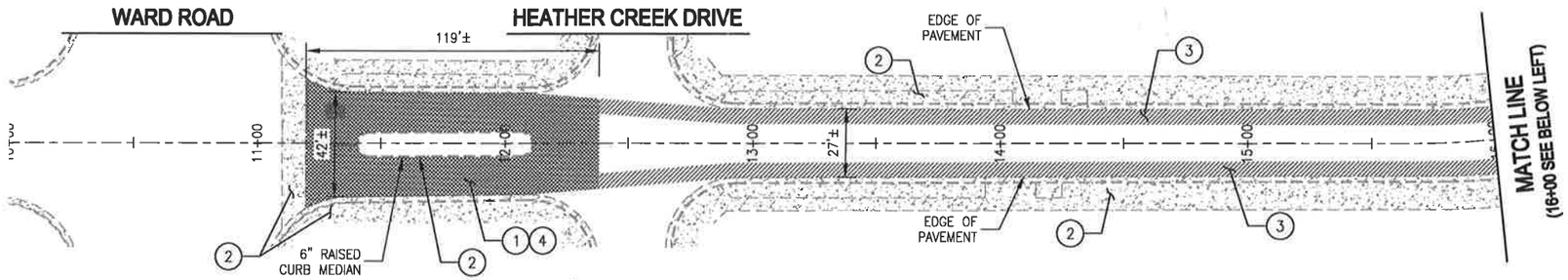
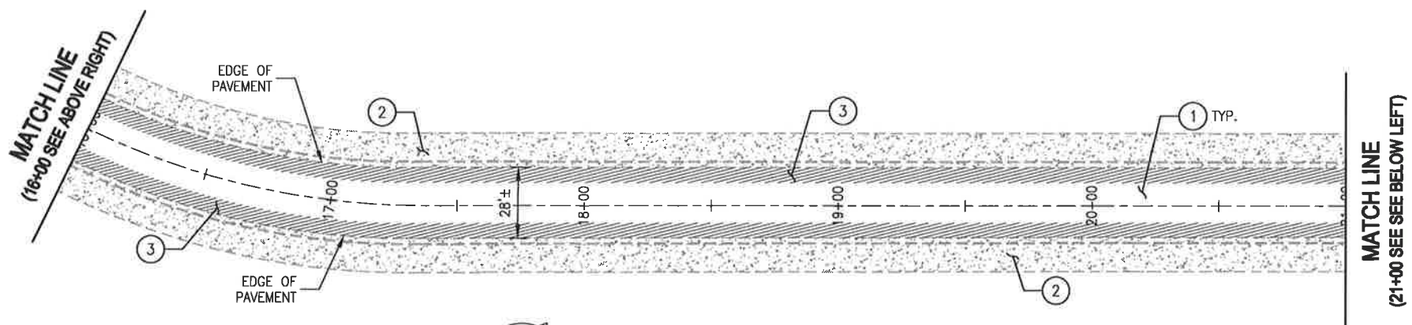


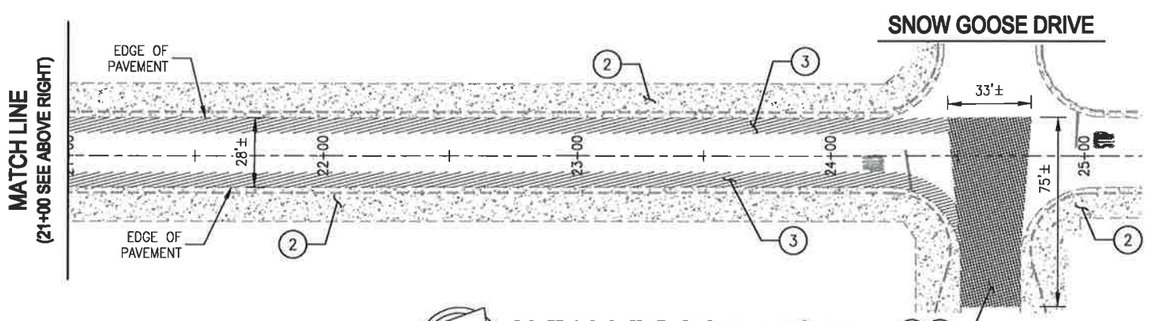
N FALLBROOK DRIVE

STATION 10+00 – 16+00



N FALLBROOK DRIVE

STATION 16+00 – 21+00



N FALLBROOK DRIVE

STATION 21+00 – 25+25

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
2	EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
3	AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	
4	HEAVY DAMAGE TO AC AREA. REMOVE DAMAGED AC AND BASE MATERIAL. REPLACE WITH 8" OF AB AND 3" OF AC PRIOR TO PLACEMENT OF OVERLAY.	3/31

ESTIMATED QUANTITIES

AC EDGE PLANING	2,432	LF
PAVEMENT DIGOUT	6,248	SF
AC PAVEMENT	124	TN

SCALE IN FEET

0 60 120

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MARIO B. GOUVEIA
No. 53261
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CITY OF LOS BANOS
2025 STREET REHABILITATION
N FALLBROOK DRIVE DEMOLITION
STA. 10+00 TO 25+25

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-109
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	9 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:16pm
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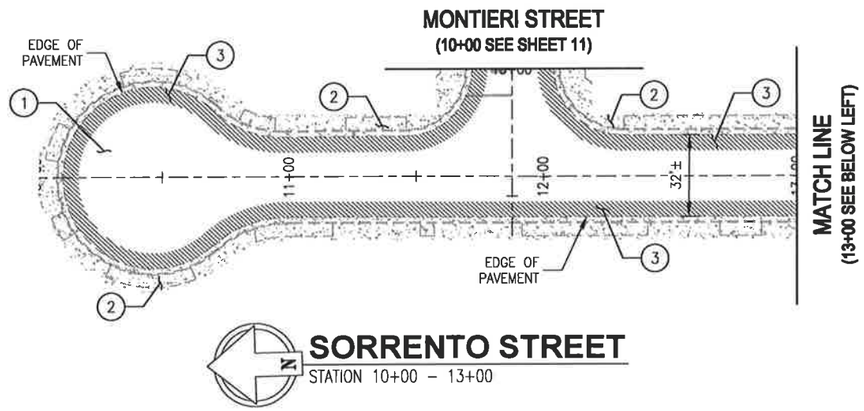
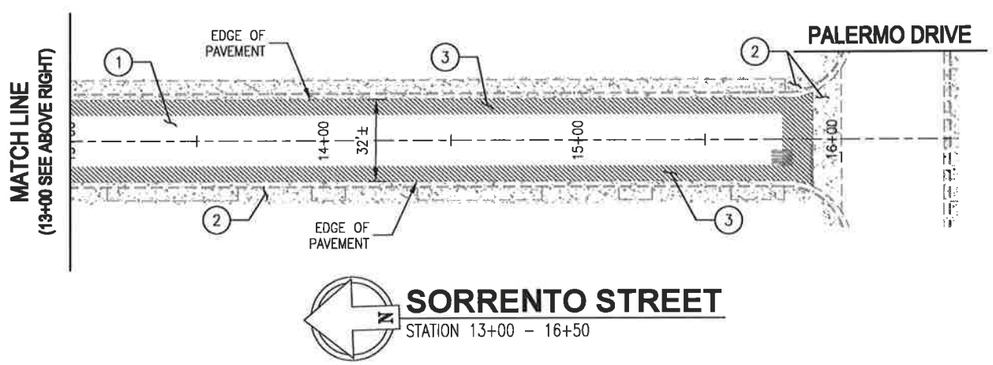
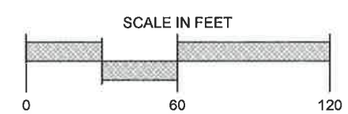
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
(2) EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
(3) AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

ESTIMATED QUANTITIES

AC EDGE PLANING ..... 1,253 LF







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CITY OF LOS BANOS
2025 STREET REHABILITATION
SORRENTO STREET DEMOLITION
STA. 10+00 TO 16+50

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-110
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	10 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:18pm
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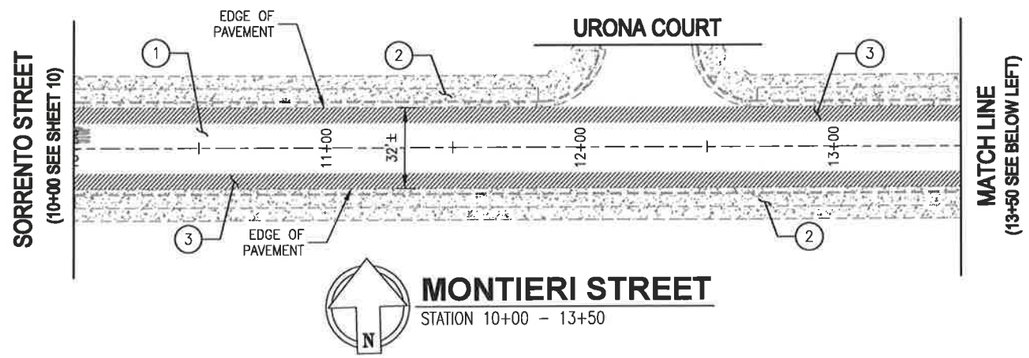
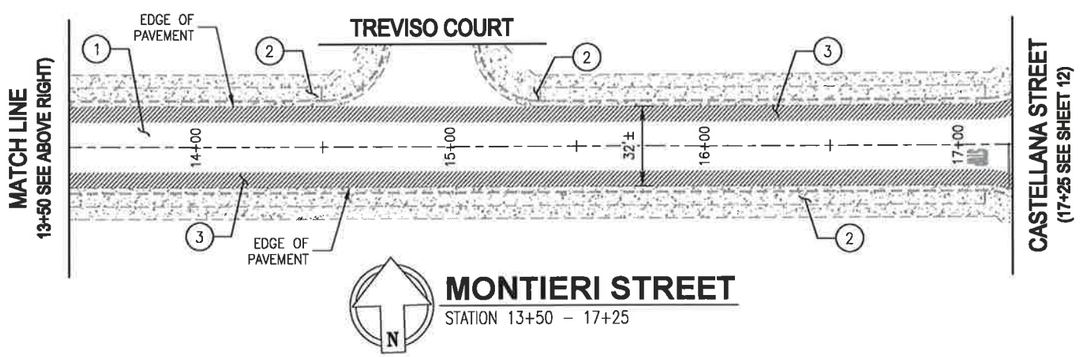


MONTIERI STREET
STATION 10+00 – 13+50



MONTIERI STREET
STATION 13+50 – 17+25

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
2	EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
3	AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

ESTIMATED QUANTITIES

AC EDGE PLANING ..... 1,444 LF

SCALE IN FEET
0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
MONTIERI STREET DEMOLITION
STA. 10+00 TO 17+25

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-111
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	11
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF	32 SHEETS
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:16pm
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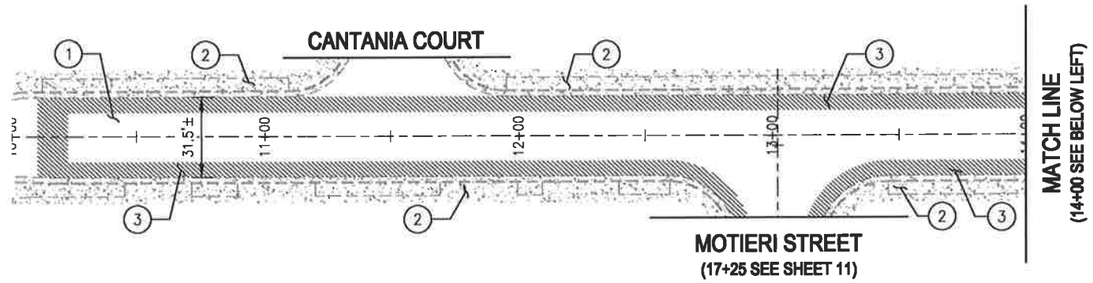
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) LOCATE AND PROTECT EXISTING UTILITIES IN PLACE.	
(2) EXISTING CONCRETE TO BE PROTECTED AND REMAIN IN PLACE.	
(3) AC EDGE PLANING. PLANE AC PAVEMENT AT THE LIP OF GUTTER, ACROSS INTERSECTIONS WITH STREETS NOT TO BE OVERLAYED, AND AT THE ENDS OF OVERLAY.	

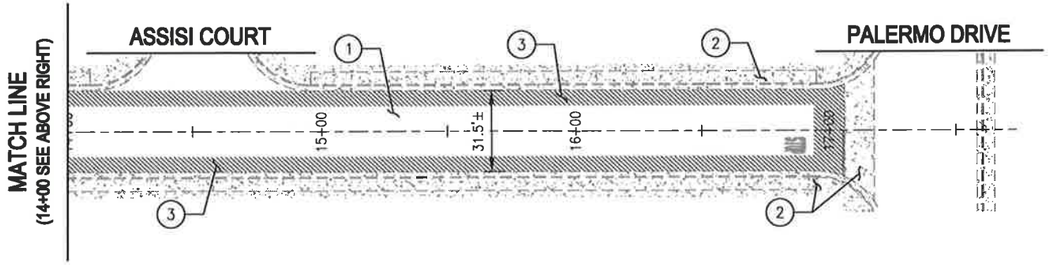
ESTIMATED QUANTITIES

AC EDGE PLANING ..... 1,369 LF



CASTELLANA STREET

STATION 10+00 – 14+00



CASTELLANA STREET

STATION 14+00 – 17+75

SCALE IN FEET

0 60 120

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
CASTELLANA STREET DEMOLITION
STA. 10+00 TO 17+75

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-112
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	12 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:18pm
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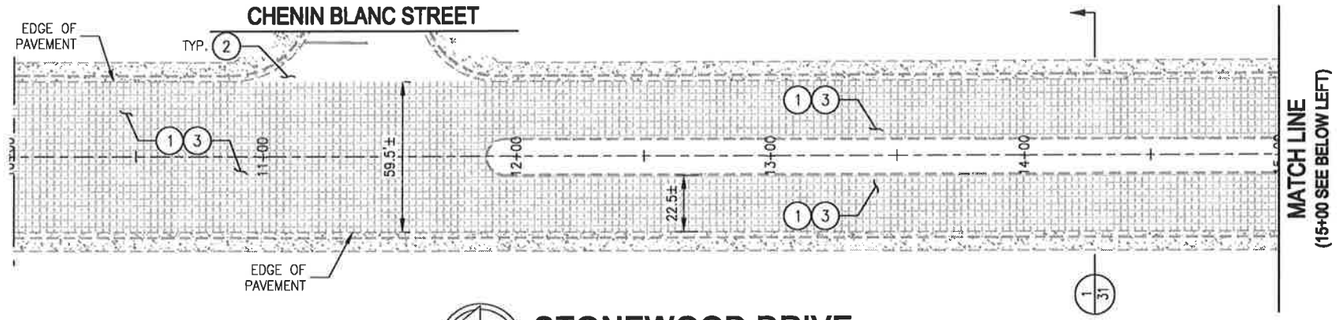
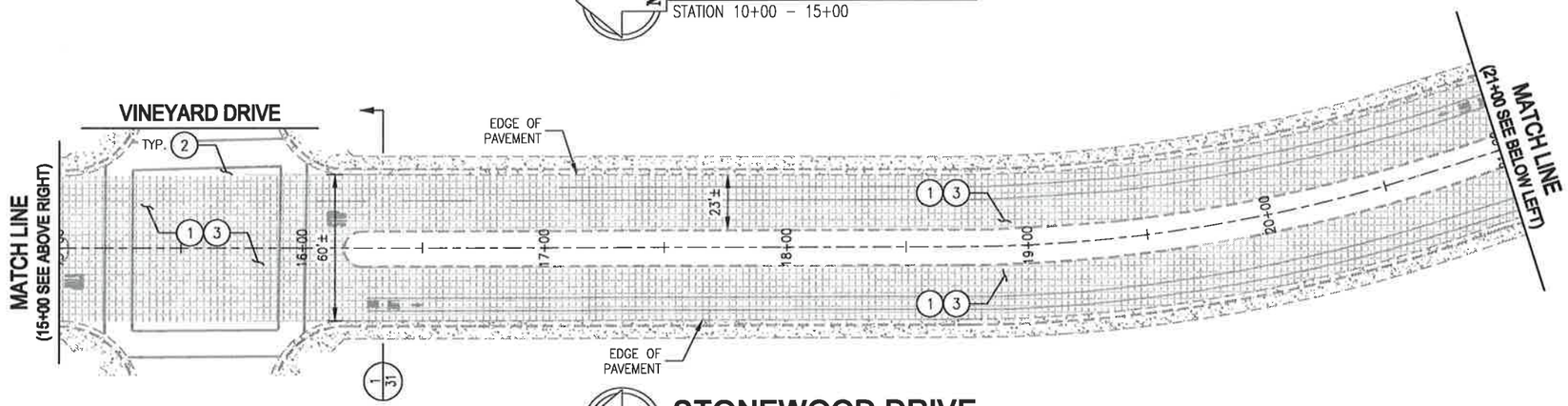
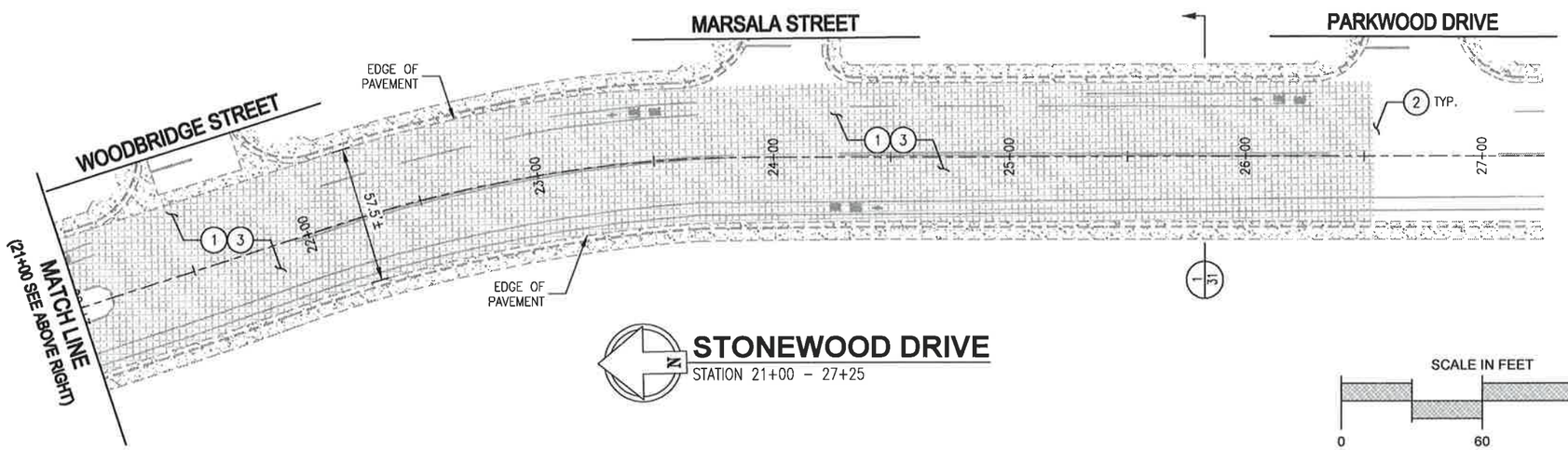


STONEWOOD DRIVE
STATION 10+00 – 15+00



STONEWOOD DRIVE
STATION 15+00 – 21+00



STONEWOOD DRIVE
STATION 21+00 – 27+25

SCALE IN FEET

0 60 120

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT 2" AC OVERLAY.	1/31
2	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
3	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31

ESTIMATED QUANTITIES

AC PAVEMENT	1,135	TN
ADJUST MANHOLE COVER	12	EA
ADJUST VALVE BOX	11	EA
ADJUST MONUMENT BOX	6	EA

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REGISTERED PROFESSIONAL ENGINEER
MARIO P. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
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CITY OF LOS BANOS
2025 STREET REHABILITATION
STONEWOOD DRIVE PAVEMENT IMPROVEMENTS
STA. 10+00 TO 27+25

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-113
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	13 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:10pm
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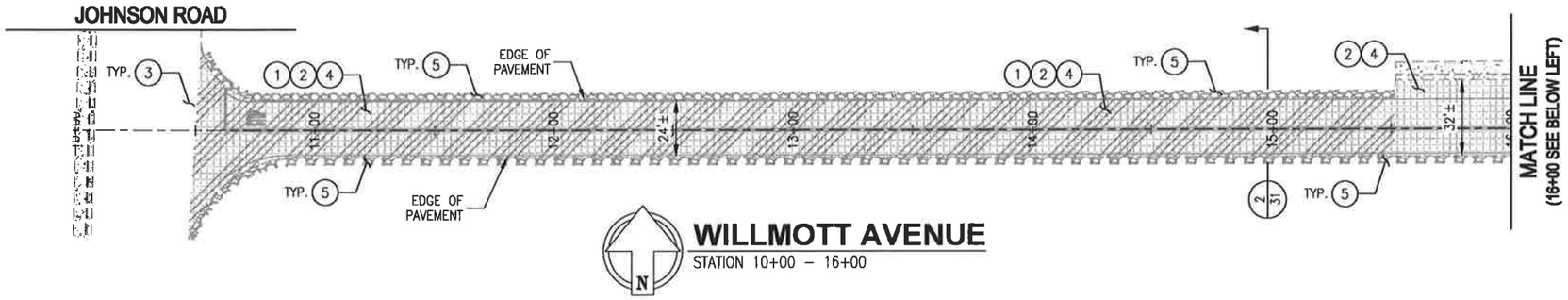

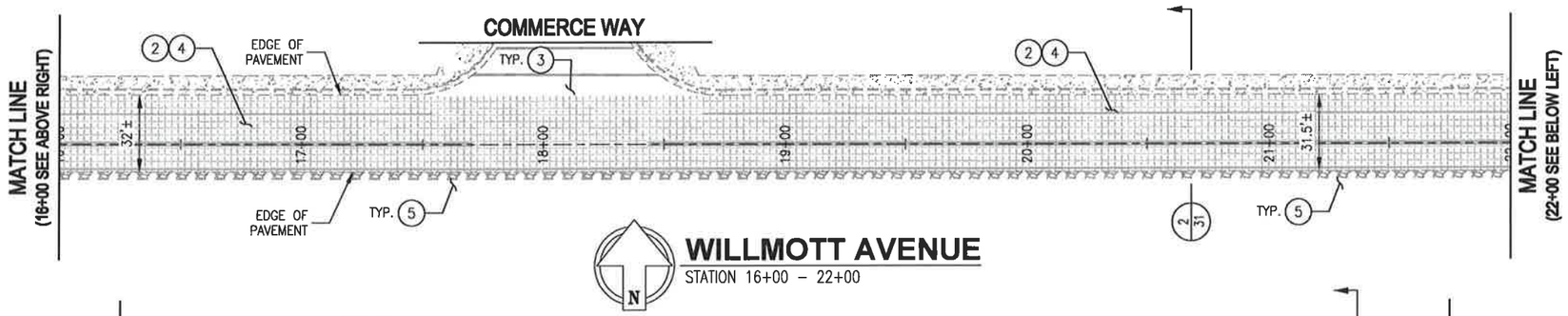

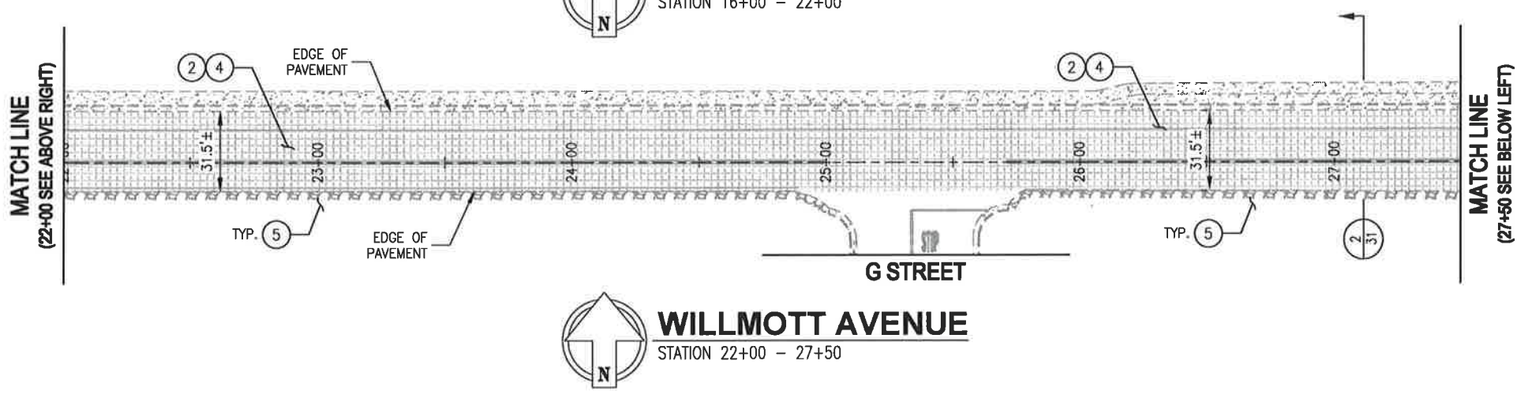

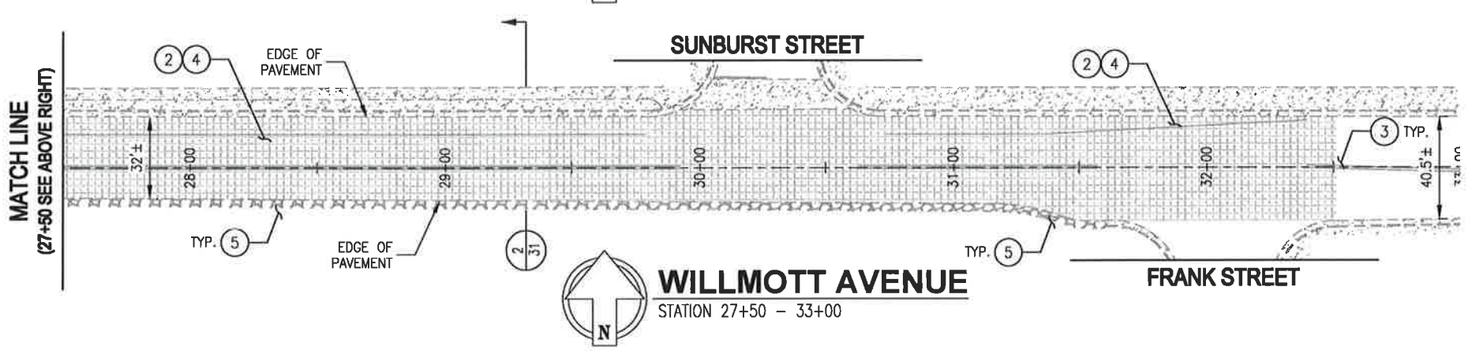

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT AN AC LEVELING COURSE, 1" ESTIMATED AVERAGE THICKNESS.	
2	CONSTRUCT A 2" AC OVERLAY.	2/31
3	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
4	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31
5	PLACE AC GRINDINGS, DERIVED FROM PAVING OPERATIONS, FOR SHOULDER BACKING.	

ESTIMATED QUANTITIES

AC PAVEMENT	981	TN
ADJUST MANHOLE COVER	7	EA
ADJUST VALVE BOX	13	EA
ADJUST MONUMENT BOX	4	EA
PLACE SHOULDER BACKING	2,553	LF

SCALE IN FEET

0 60 120

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
WILLMOTT AVENUE PAVEMENT IMPROVEMENTS
STA. 10+00 TO 33+00

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-114
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	14 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:18pm
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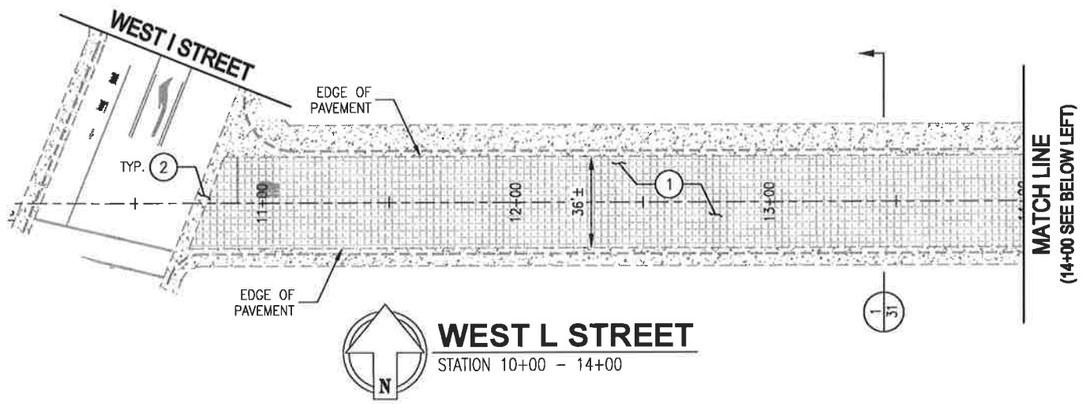
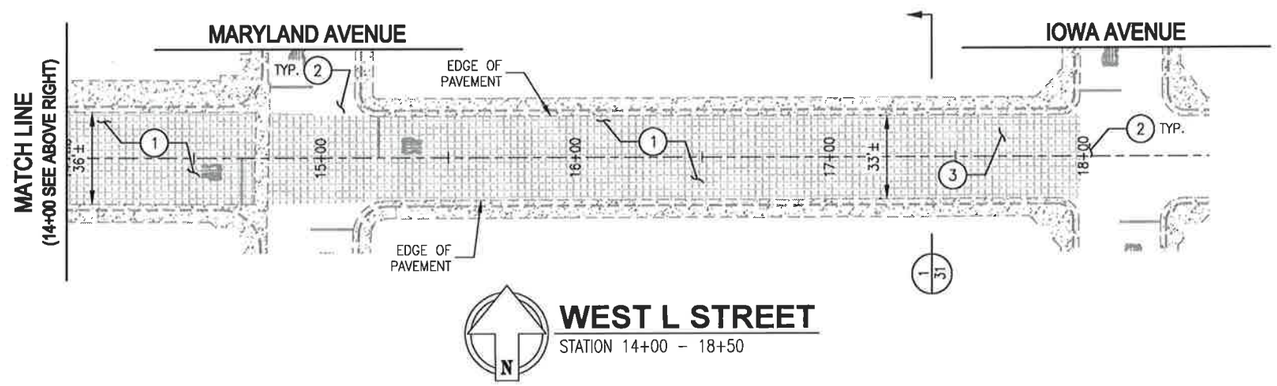
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) CONSTRUCT A 2" AC OVERLAY.	1/31
(2) LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
(3) ADJUST EXISTING WATER VALVE COVER TO GRADE.	4/31

ESTIMATED QUANTITIES

AC PAVEMENT	327	TN
ADJUST VALVE BOX	1	EA



WEST L STREET
STATION 10+00 – 14+00



WEST L STREET
STATION 14+00 – 18+50

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
WEST L STREET PAVEMENT IMPROVEMENTS
STA. 10+00 TO 18+50

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-115
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	15 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 2:18pm
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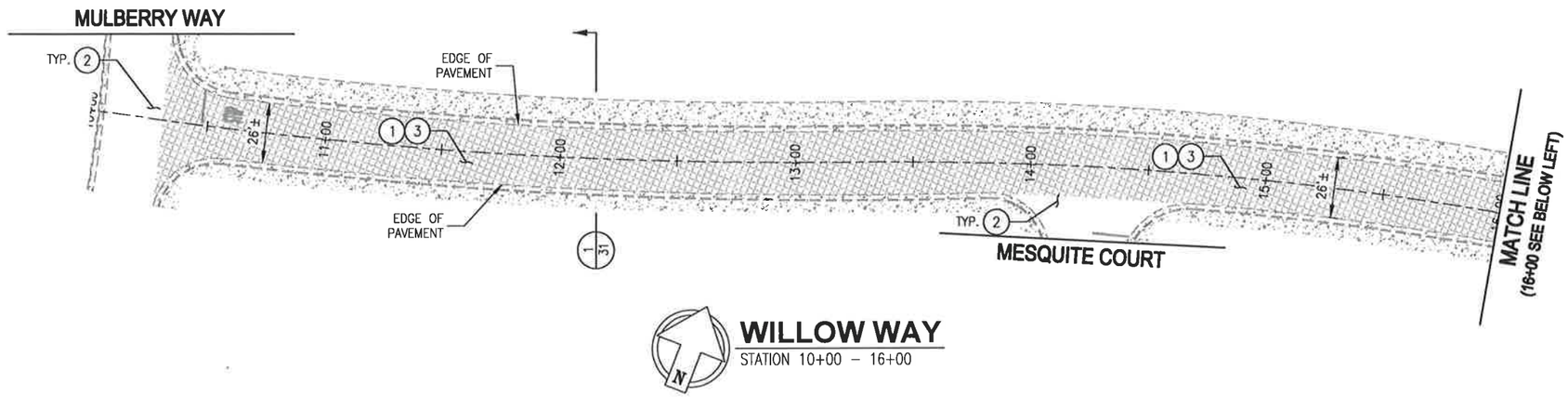

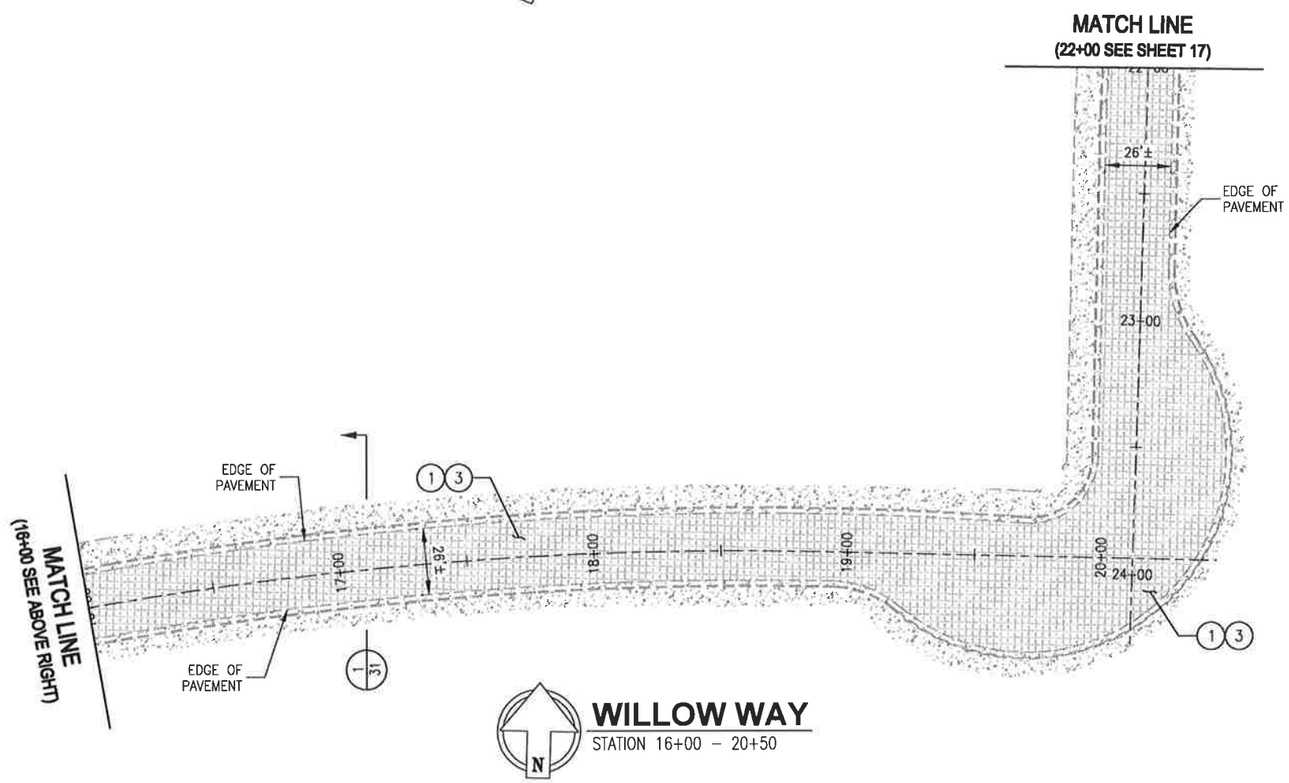

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT A 1–1/2" AC OVERLAY.	1/31
2	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
3	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31

ESTIMATED QUANTITIES

AC PAVEMENT	345	TN
ADJUST MANHOLE COVER	7	EA
ADJUST VALVE BOX	6	EA
ADJUST MONUMENT BOX	4	EA

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
WILLOW WAY PAVEMENT IMPROVEMENTS
STA. 10+00 TO 20+50

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-116
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	16 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:19pm
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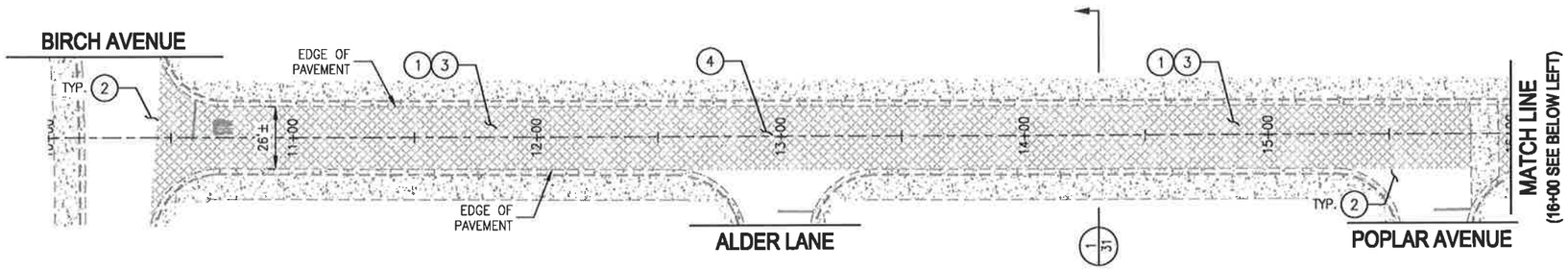
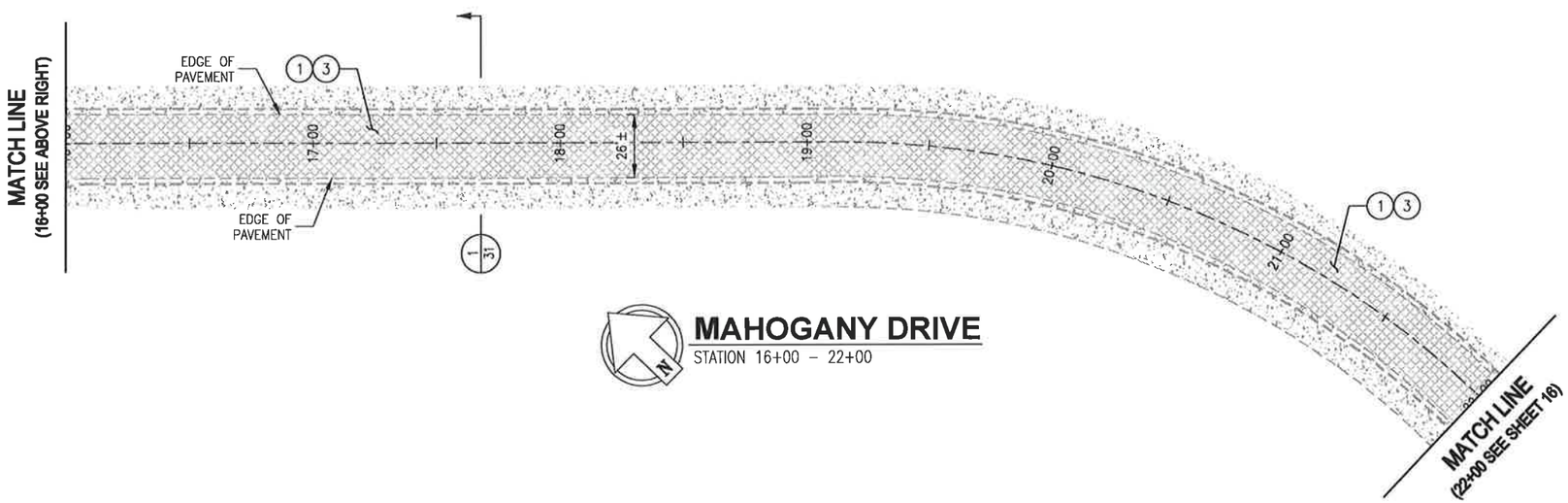


MAHOGANY DRIVE

STATION 10+00 – 16+00



MAHOGANY DRIVE

STATION 16+00 – 22+00

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT A 1-1/2" AC OVERLAY.	1/31
2	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
3	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31
4	SET SURVEY MONUMENT WELL, BOX AND LID. MONUMENT WILL BE SET AND STAMPED BY PROJECT SURVEYOR AFTER REINSTALLATION.	

ESTIMATED QUANTITIES

AC PAVEMENT	294	TN
ADJUST MANHOLE COVER	6	EA
ADJUST VALVE BOX	9	EA
ADJUST MONUMENT BOX	3	EA
SET SURVEY MONUMENT WELL	1	EA

SCALE IN FEET

0 60 120

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
MAHOGANY DRIVE PAVEMENT IMPROVEMENTS
STA. 10+00 TO 22+00

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-117
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	17 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:19pm
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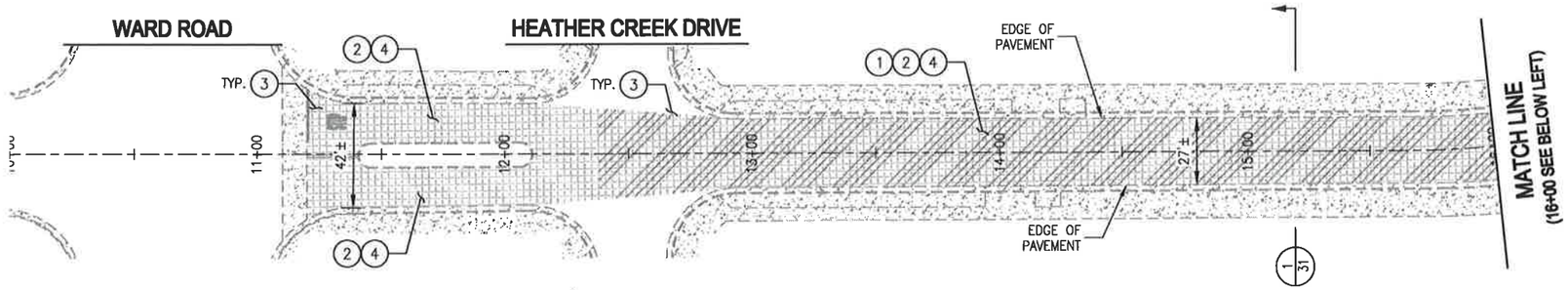
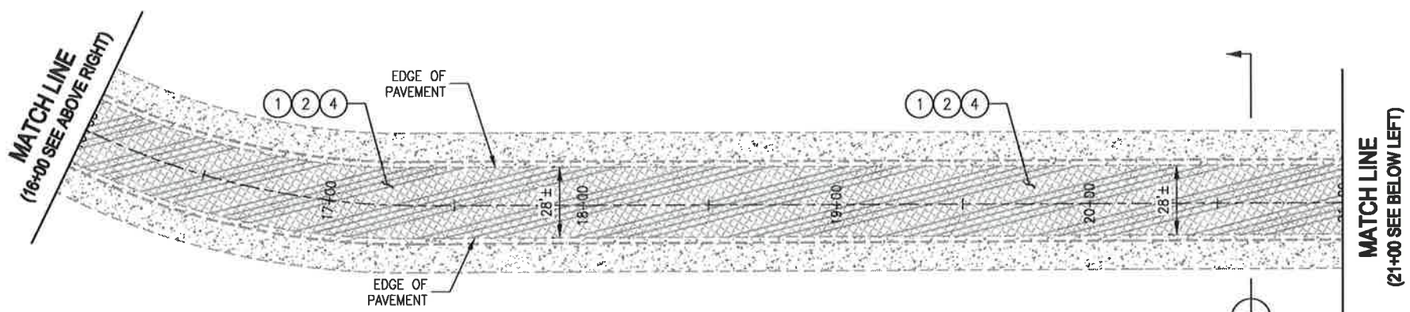


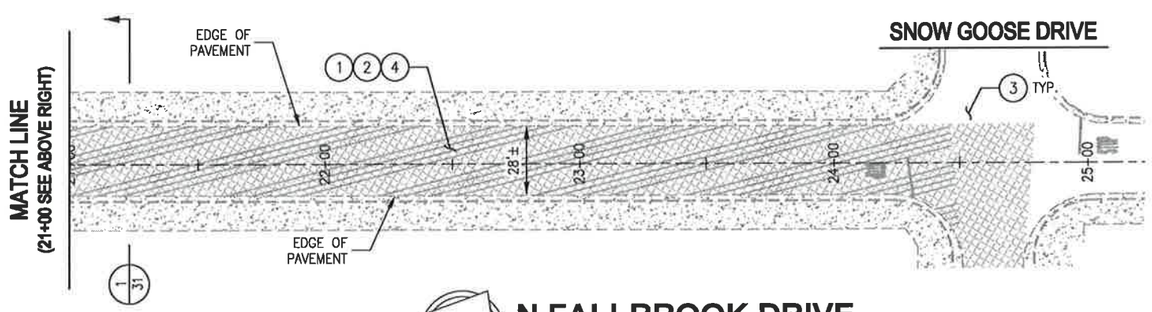
N FALLBROOK DRIVE

STATION 10+00 – 16+00



N FALLBROOK DRIVE

STATION 16+00 – 21+00



N FALLBROOK DRIVE

STATION 21+00 – 25+25

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT AN AC LEVELING COURSE, 1" ESTIMATED AVERAGE THICKNESS.	
2	CONSTRUCT A 1-1/2" AC OVERLAY.	1/31
3	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
4	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31

ESTIMATED QUANTITIES

AC PAVEMENT	612	TN
ADJUST MANHOLE COVER	9	EA
ADJUST VALVE BOX	10	EA
ADJUST MONUMENT BOX	4	EA

SCALE IN FEET

0 60 120

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CITY OF LOS BANOS
2025 STREET REHABILITATION
N FALLBROOK DRIVE PAVEMENT IMPROVEMENTS
STA. 10+00 TO 25+25

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-118
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	18 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:20pm
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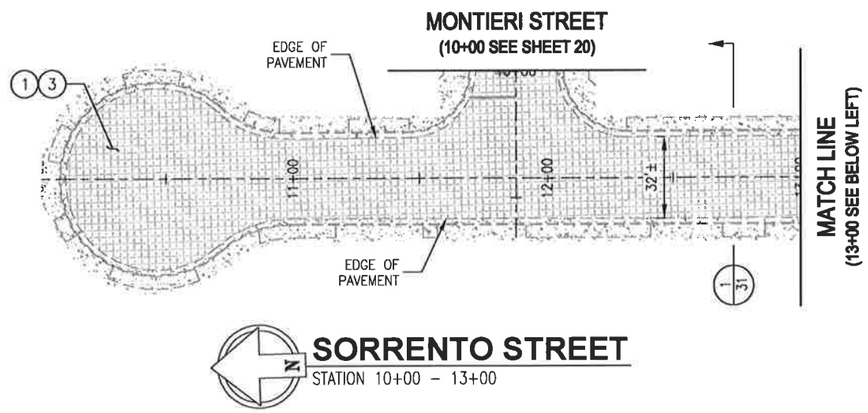

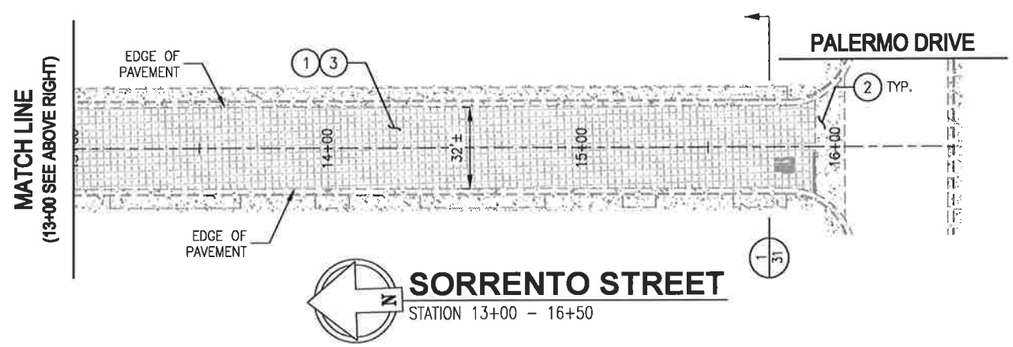

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT A 1-1/2" AC OVERLAY.	1/31
2	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
3	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31

ESTIMATED QUANTITIES

AC PAVEMENT	214	TN
ADJUST MANHOLE COVER	5	EA
ADJUST VALVE BOX	5	EA
ADJUST MONUMENT BOX	2	EA

SCALE IN FEET

0 60 120

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
SORRENTO STREET PAVEMENT IMPROVEMENTS
STA. 10+00 TO 16+50

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-119
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	19 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:20pm
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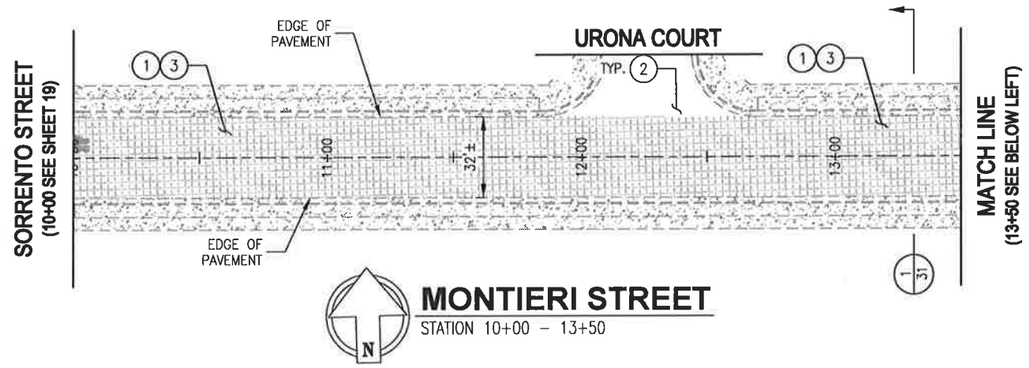

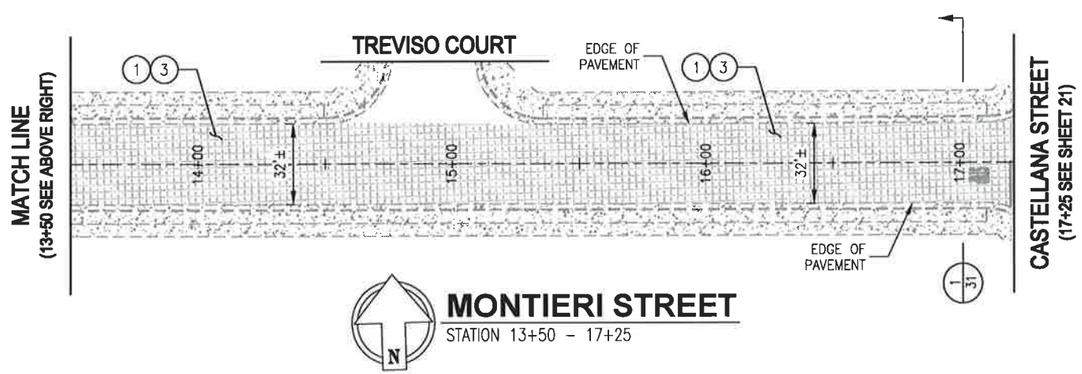

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT A 1-1/2" AC OVERLAY.	1/31
2	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
3	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31

ESTIMATED QUANTITIES

AC PAVEMENT	226	TN
ADJUST MANHOLE COVER	3	EA
ADJUST VALVE BOX	6	EA
ADJUST MONUMENT BOX	2	EA

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
MONTIERI STREET PAVEMENT IMPROVEMENTS
STA. 10+00 TO 17+25

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-120
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	20 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	645.10
APPROVED M. GOUVEIA	DATE 05/31/24		

May 31, 2024 - 3:21pm
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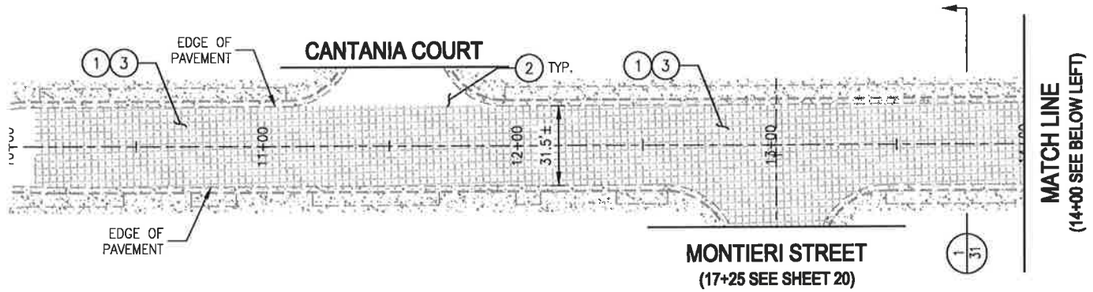
CONSTRUCTION NOTES

		REFERENCE DETAIL
1	CONSTRUCT A 1-1/2" AC OVERLAY.	1/31
2	LIMITS OF PAVEMENT IMPROVEMENTS TO MEET AND MATCH EXISTING PAVEMENT OR CONCRETE. PROVIDE A SMOOTH TRANSITION BETWEEN SURFACES.	
3	ADJUST EXISTING MANHOLE COVERS, WATER VALVE COVERS AND MONUMENT COVERS TO GRADE.	4/31

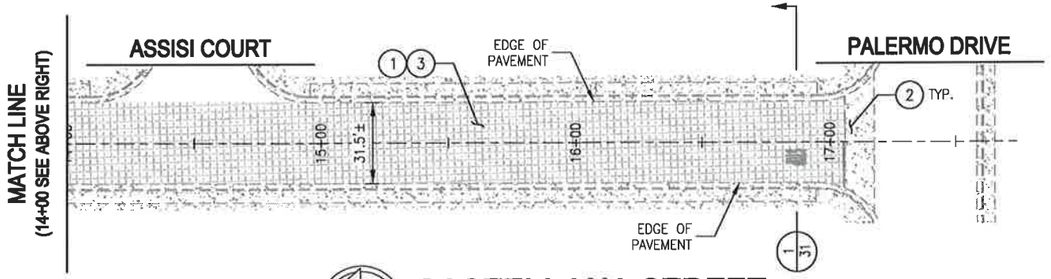
ESTIMATED QUANTITIES

AC PAVEMENT	227	TN
ADJUST MANHOLE COVER	7	EA
ADJUST VALVE BOX	6	EA
ADJUST MONUMENT BOX	3	EA



CASTELLANA STREET

STATION 10+00 – 14+00



CASTELLANA STREET

STATION 14+00 – 17+75

SCALE IN FEET

0 60 120

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MARIO B. GOUVEIA
No. 53261
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STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
CASTELLANA STREET PAVEMENT IMPROVEMENTS
STA. 10+00 TO 17+75

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING C-121	
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET 21 OF 32 SHEETS	
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER 845.10	

May 31, 2024 - 3:21pm
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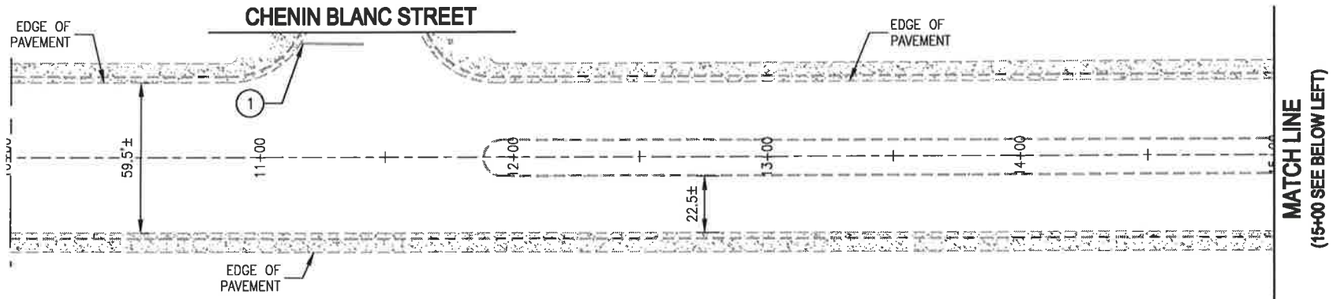
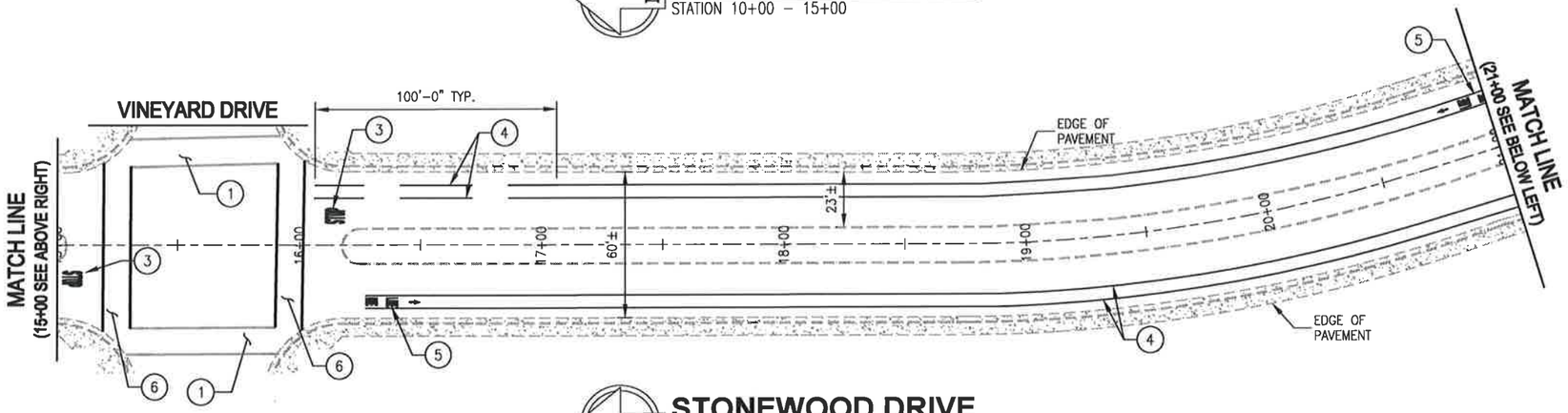
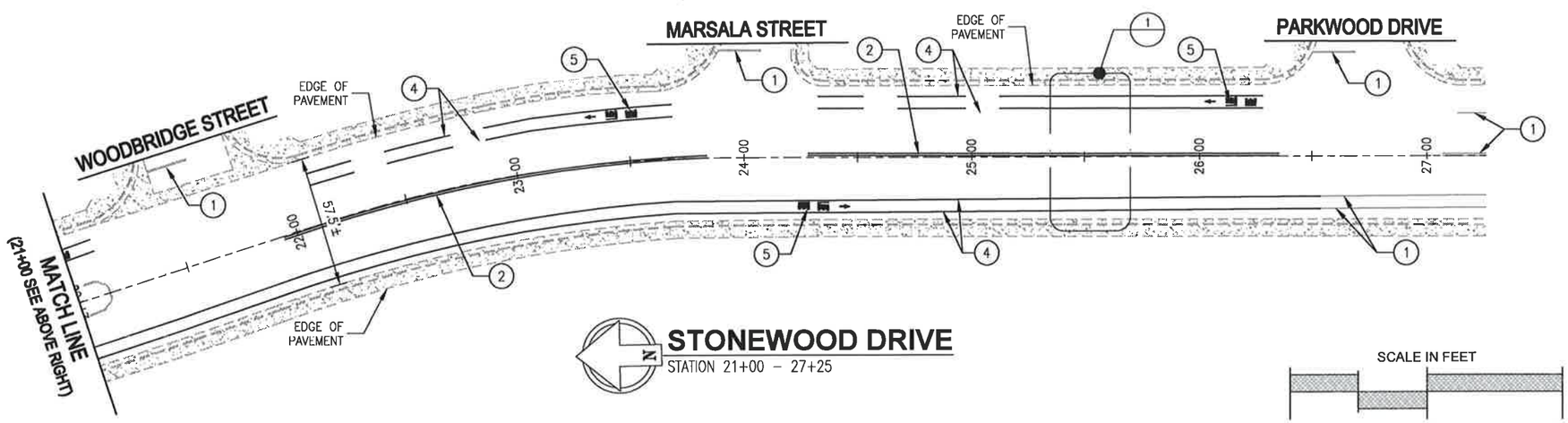


STONEWOOD DRIVE
STATION 10+00 – 15+00



STONEWOOD DRIVE
STATION 15+00 – 21+00



STONEWOOD DRIVE
STATION 21+00 – 27+25

SCALE IN FEET

0 60 120

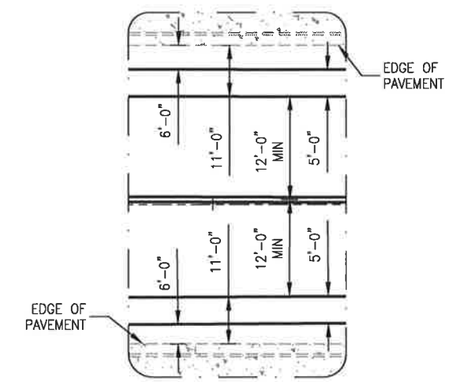
CONSTRUCTION NOTES

		REFERENCE DETAIL
1	EXISTING STRIPING AND MARKINGS TO REMAIN IN PLACE AND BE PROTECTED.	
2	APPLY DOUBLE SOLID 6" YELLOW THERMOPLASTIC CENTERLINE STRIPING (SEE CALTRANS DETAIL 21).	
3	APPLY THERMOPLASTIC "STOP" MARKING.	
4	APPLY 6" WHITE PAINT STRIPING – SOLID OR DASHED PER FIGURE 9C-101(CA) OF THE CALIFORNIA MUTCD 2014 EDITION.	5/31
5	APPLY WHITE PAINT "BIKE LANE" MARKING AND BIKE LANE ARROW. DIRECTION AS SPECIFIED.	
6	APPLY PEDESTRIAN CROSSWALK 12" LIMIT LINES – 10' CLEAR WIDTH – COLOR TO BE WHITE.	

NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.

ESTIMATED QUANTITIES

DOUBLE 6" THERMOPLASTIC STRIPING	398	LF
SINGLE 6" PAINT STRIPING	3,771	LF
THERMOPLASTIC MARKINGS	319	SF
PAINT MARKINGS	73	SF



1 STRIPING DIMENSIONS
NOT TO SCALE

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CONSULTING ENGINEERS
456 Sixth Street • Gustine, California 95322
Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
STONEWOOD DRIVE
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-122
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	22 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:22pm
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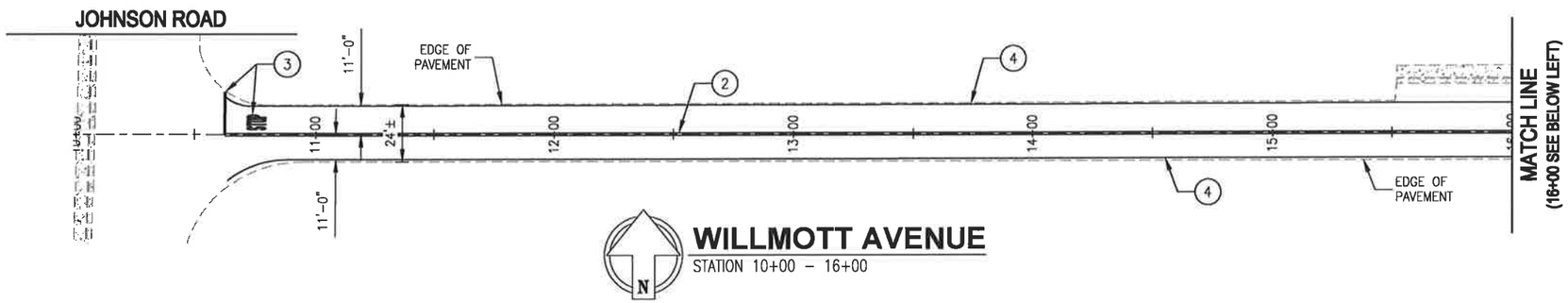

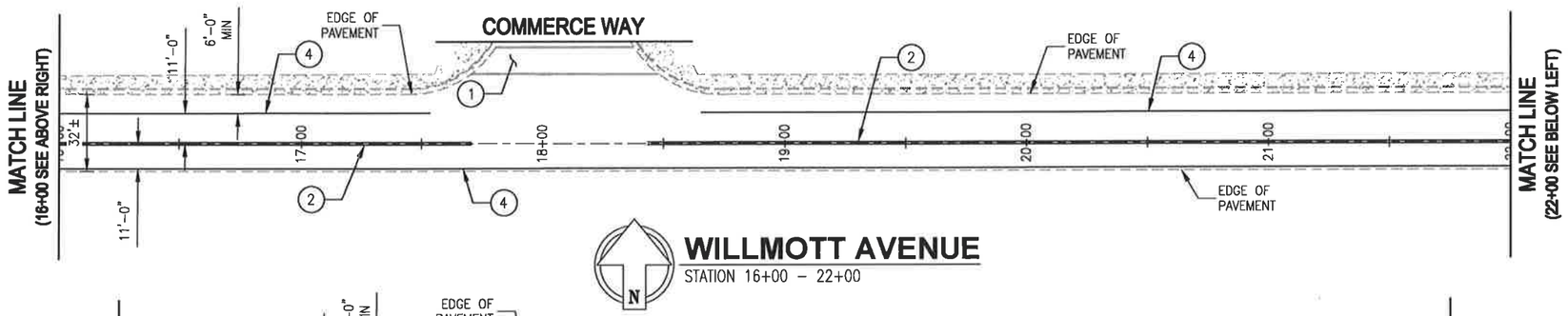

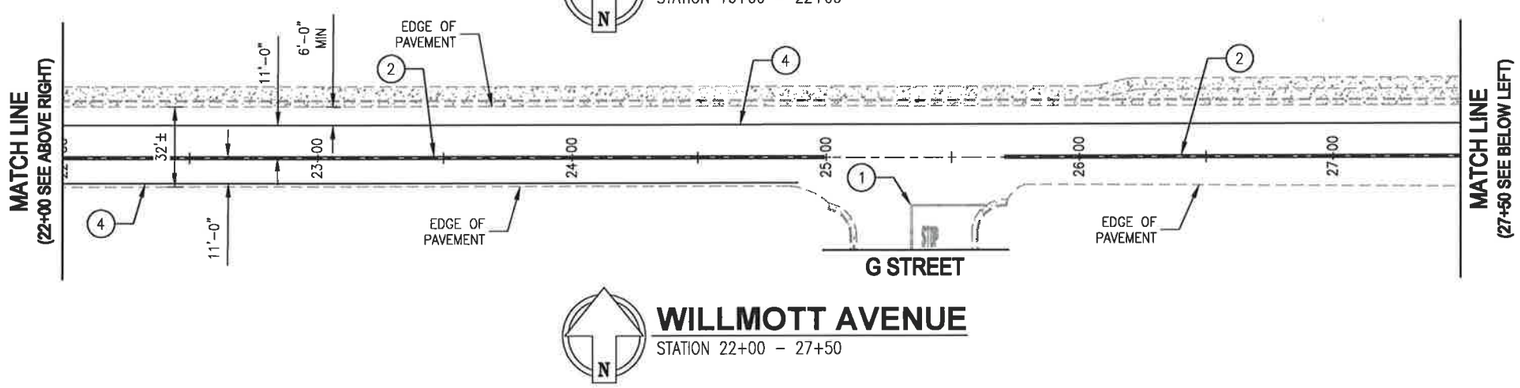

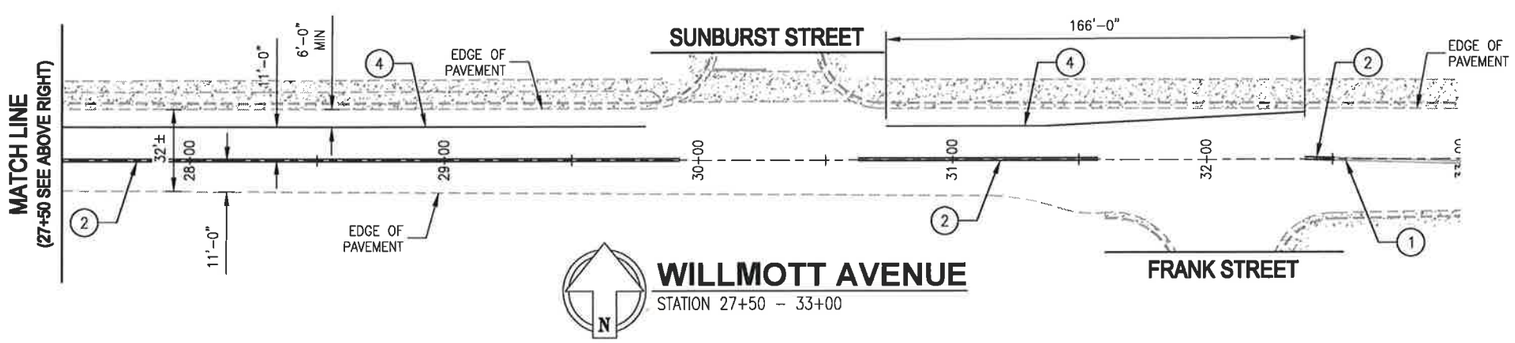

CONSTRUCTION NOTES

		REFERENCE DETAIL
1	EXISTING STRIPING AND MARKINGS TO REMAIN IN PLACE AND BE PROTECTED.	
2	APPLY DOUBLE SOLID 6" YELLOW THERMOPLASTIC CENTERLINE STRIPING (SEE CALTRANS DETAIL 21).	
3	APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR.	
4	APPLY SINGLE SOLID 6" WHITE THERMOPLASTIC STRIPING.	
	NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES

DOUBLE 6" THERMOPLASTIC STRIPING	1,893	LF
SINGLE 6" THERMOPLASTIC STRIPING	3,399	LF
THERMOPLASTIC MARKINGS	40	SF

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
WILLMOTT AVENUE
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-123
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	23 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:22pm
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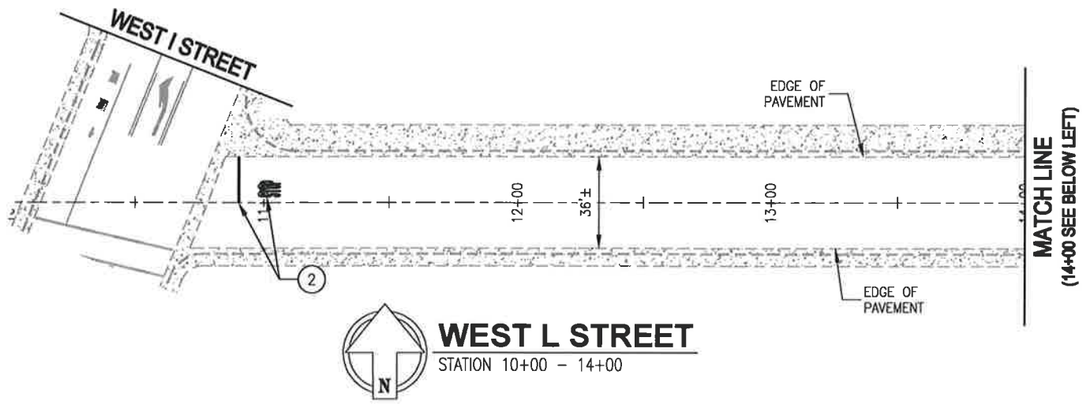
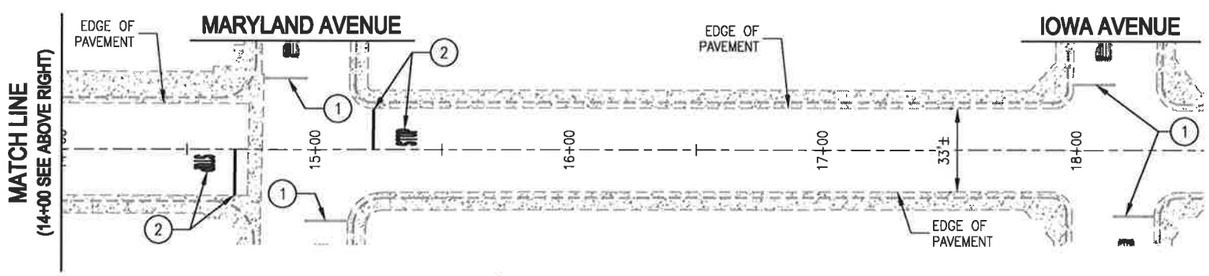
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) EXISTING STRIPING AND MARKINGS TO REMAIN IN PLACE AND BE PROTECTED.	
(2) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR.	
NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES

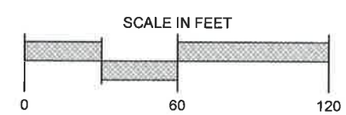
THERMOPLASTIC MARKINGS .....118 SF



WEST L STREET
STATION 10+00 – 14+00



WEST L STREET
STATION 14+00 – 18+50



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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
WEST L STREET
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-124
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	24 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10
APPROVED M. GOUVEIA	DATE 05/31/24		

May 31, 2024 - 3:25pm
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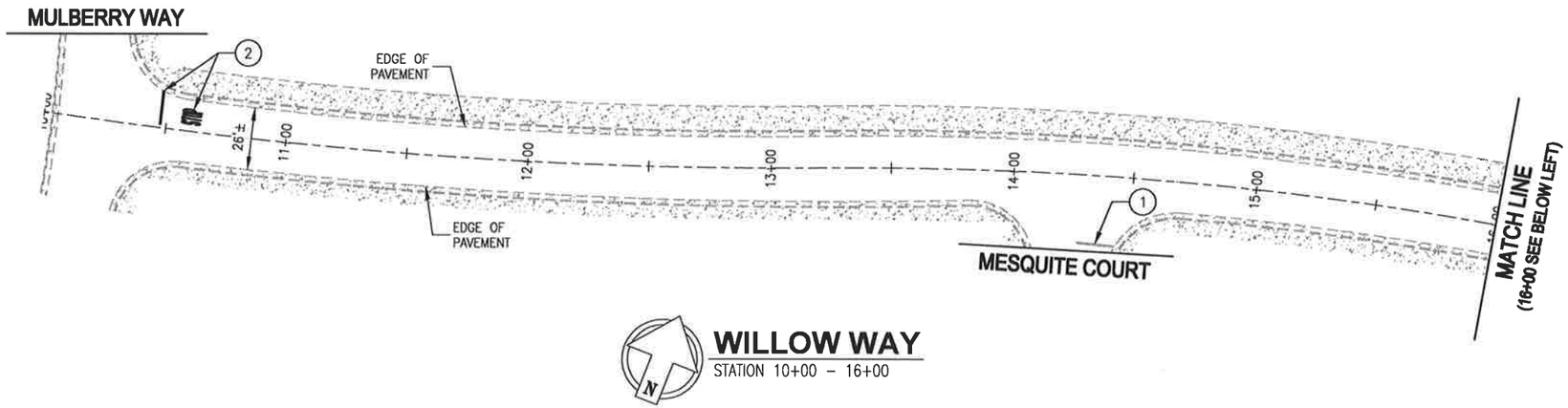

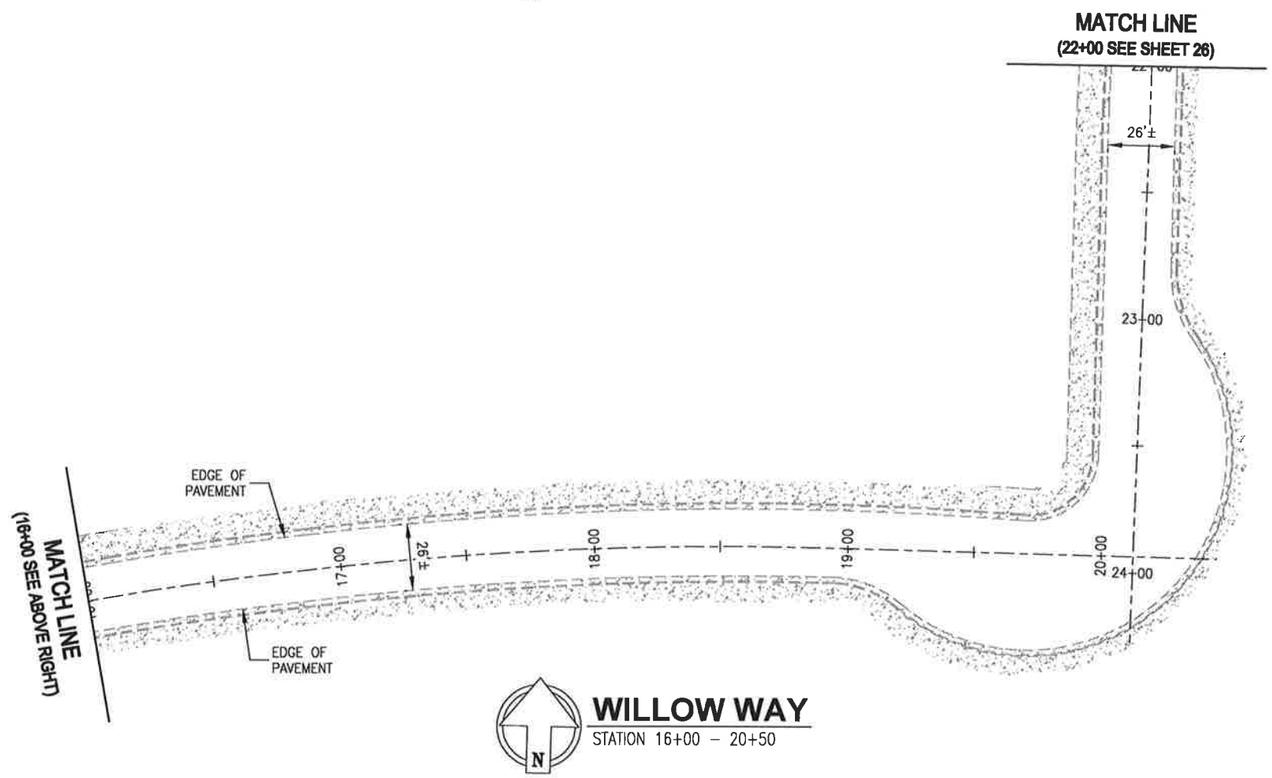

CONSTRUCTION NOTES	REFERENCE DETAIL
(1) EXISTING STRIPING AND MARKINGS TO REMAIN IN PLACE AND BE PROTECTED.	
(2) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR.	
NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES

THERMOPLASTIC MARKINGS ..... 36 SF

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
WILLOW WAY
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-125
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	25 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10
APPROVED M. GOUVEIA	DATE 05/31/24		

May 31, 2024 - 3:26pm
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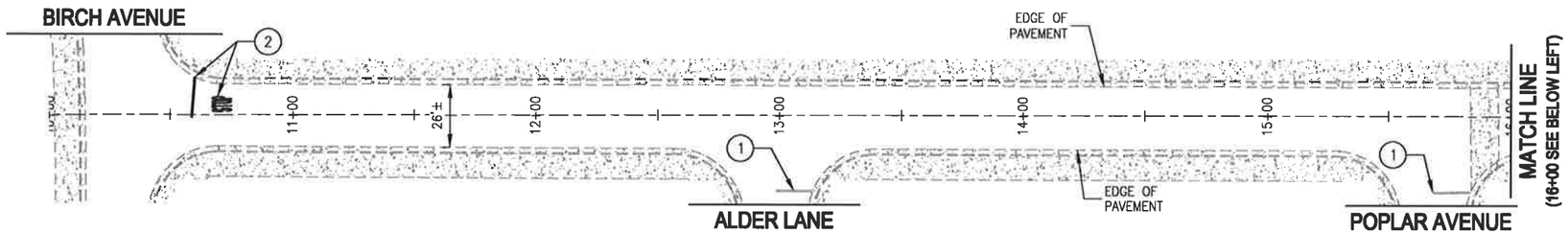
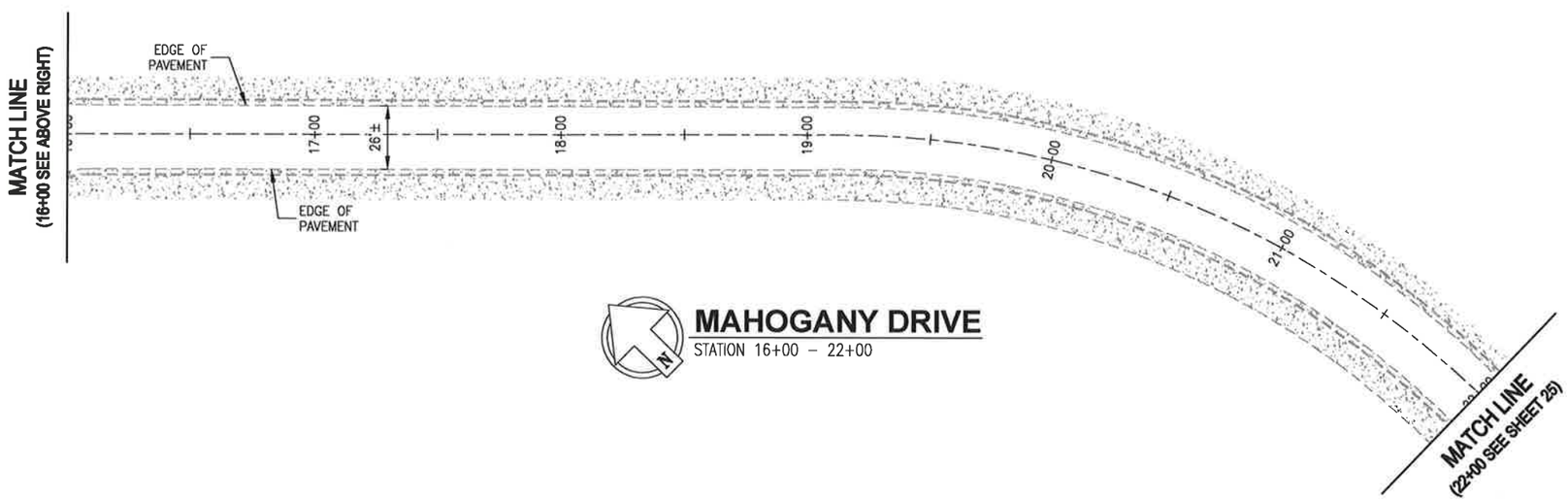
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) EXISTING STRIPING AND MARKINGS TO REMAIN IN PLACE AND BE PROTECTED.	
(2) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR.	
NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES	
THERMOPLASTIC MARKINGS	38 SF



MAHOGANY DRIVE
STATION 10+00 – 16+00



MAHOGANY DRIVE
STATION 16+00 – 22+00

SCALE IN FEET
0 60 120

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MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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CITY OF LOS BANOS
2025 STREET REHABILITATION
MAHOGANY DRIVE
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-126
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	26 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10
APPROVED M. GOUVEIA	DATE 05/31/24		

May 31, 2024 - 3:32pm
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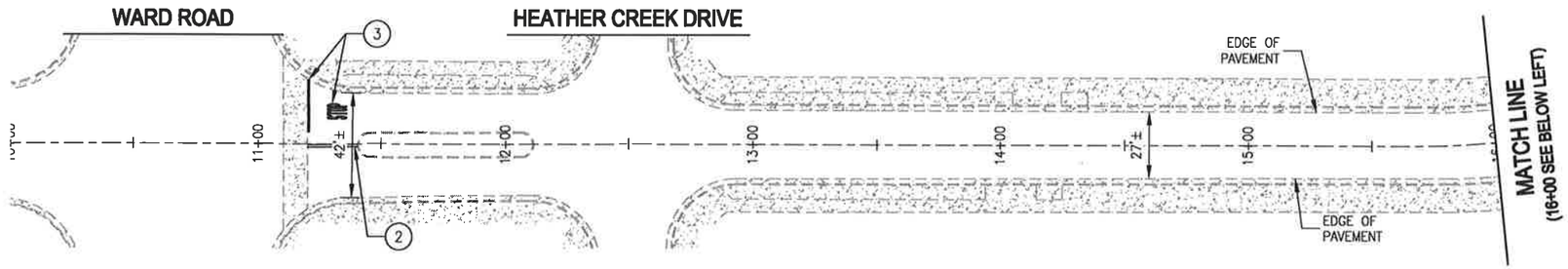
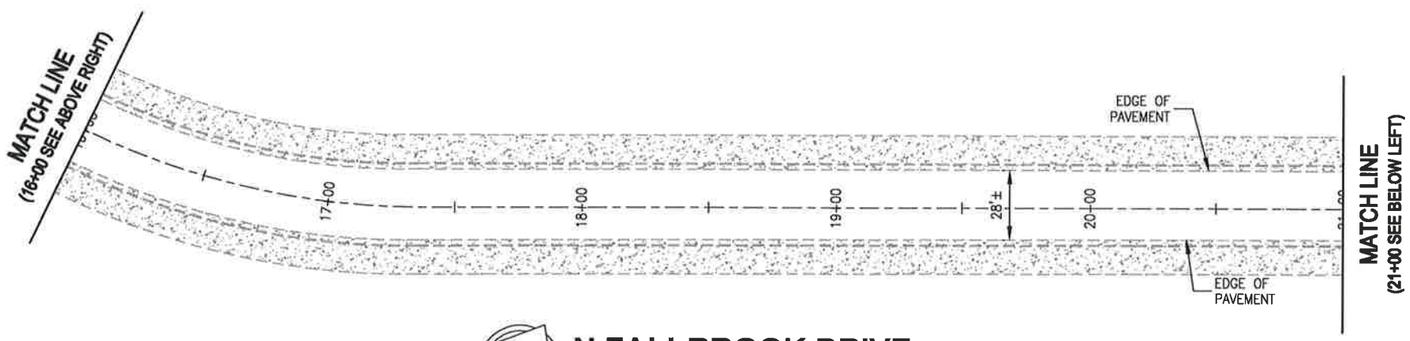


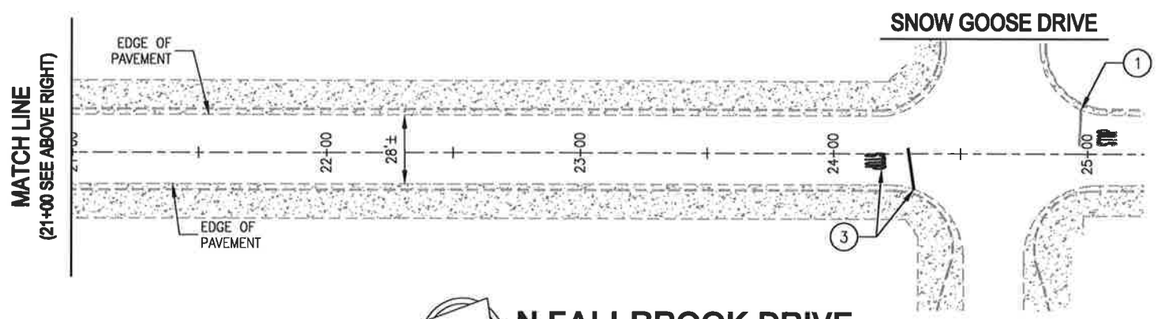
N FALLBROOK DRIVE

STATION 10+00 – 16+00



N FALLBROOK DRIVE

STATION 16+00 – 21+00



N FALLBROOK DRIVE

STATION 21+00 – 25+25

CONSTRUCTION NOTES

	REFERENCE DETAIL
(1) EXISTING STRIPING AND MARKINGS TO REMAIN IN PLACE AND BE PROTECTED.	
(2) APPLY DOUBLE SOLID 6" YELLOW THERMOPLASTIC CENTERLINE STRIPING (SEE CALTRANS DETAIL 21).	
(3) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR.	
NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES

DOUBLE 6" THERMOPLASTIC STRIPING	21	LF
THERMOPLASTIC MARKINGS	82	SF

SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 55261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
N FALLBROOK DRIVE
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-127
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	27 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:26pm
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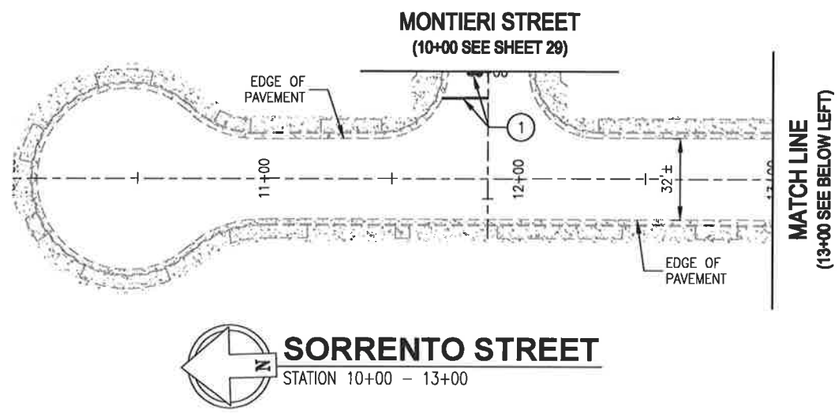
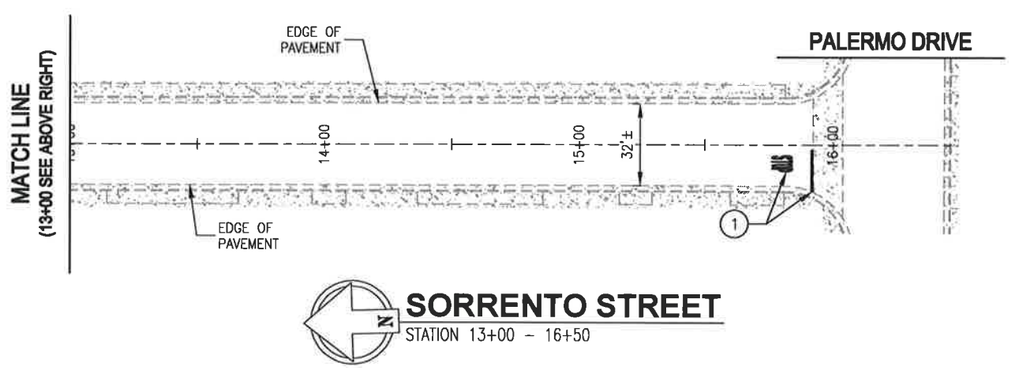
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR. NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES	
THERMOPLASTIC MARKINGS	56 SF





SCALE IN FEET

0 60 120

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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
SORRENTO STREET
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-128
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	28
CHECKED BY M. GOUVEIA	DATE 05/31/24	OF 32 SHEETS	
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:27pm
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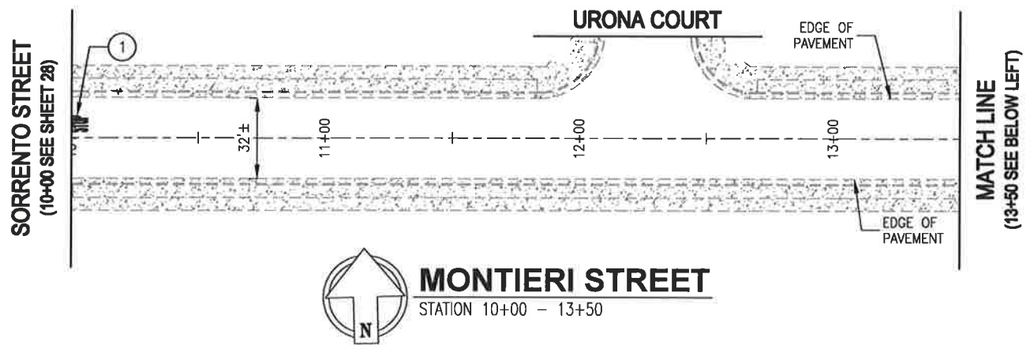
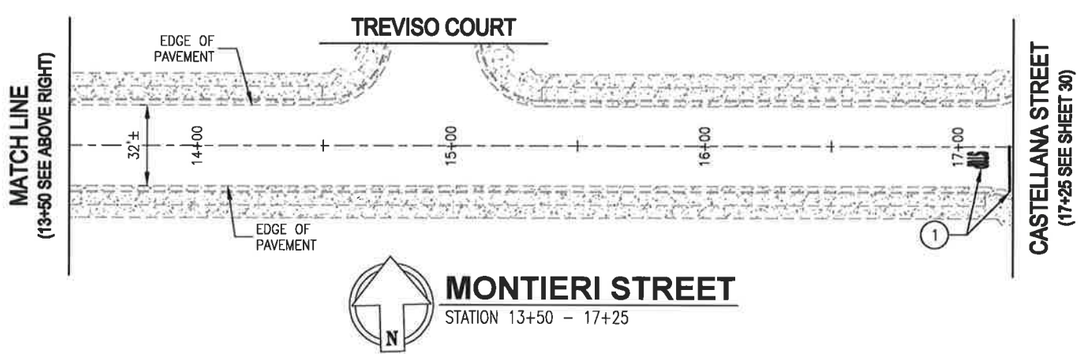
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR. NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

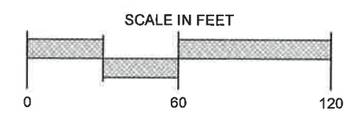
ESTIMATED QUANTITIES	
THERMOPLASTIC MARKINGS	62 SF



MONTIERI STREET
STATION 10+00 – 13+50



MONTIERI STREET
STATION 13+50 – 17+25



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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
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Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
MONTIERI STREET
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-129
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	29 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10
APPROVED M. GOUVEIA	DATE 05/31/24		

May 31, 2024 - 3:28pm
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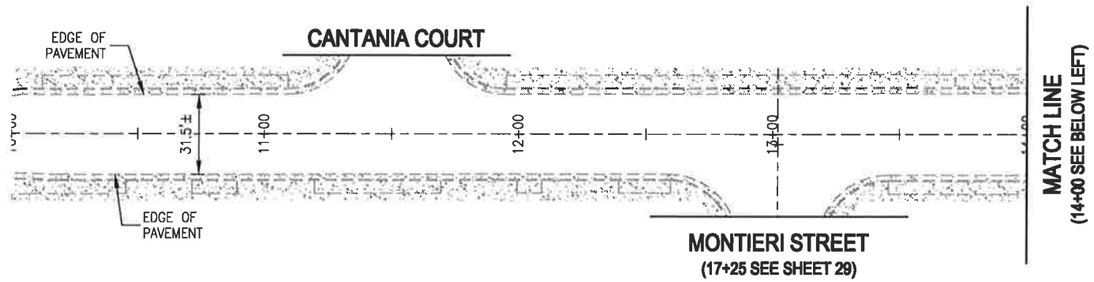
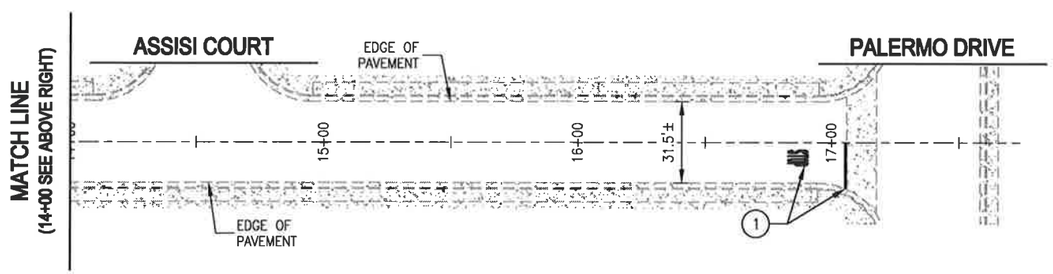
CONSTRUCTION NOTES	REFERENCE DETAIL
(1) APPLY THERMOPLASTIC "STOP" MARKING AND STOP BAR. NOTE: CALIFORNIA MUTCD 2014 REV 6 WAS USED TO DEVELOP THIS PLAN.	

ESTIMATED QUANTITIES	
THERMOPLASTIC MARKINGS	40 SF



CASTELLANA STREET
STATION 10+00 – 14+00



CASTELLANA STREET
STATION 14+00 – 17+75

SCALE IN FEET
0 60 120

Know what's **below.**
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REGISTERED PROFESSIONAL ENGINEER
MARIO B. GOUVEIA
No. 53261
EXP. 6-30-25
CIVIL
STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
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456 Sixth Street • Gustine, California 95322
Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
CASTELLANA STREET
STRIPING PLAN

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-130
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	30 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:29pm
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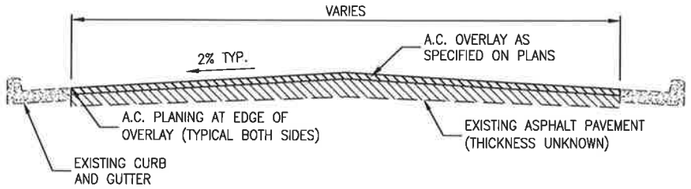
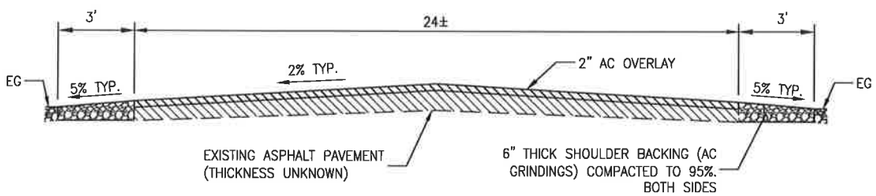
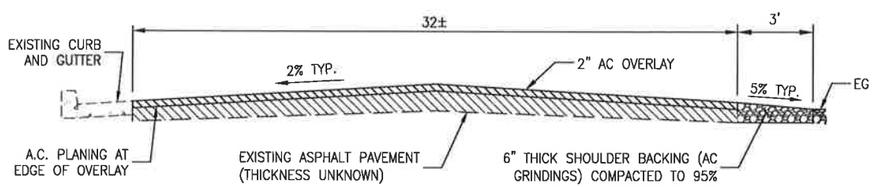


1 TYPICAL OVERLAY SECTION
NOT TO SCALE

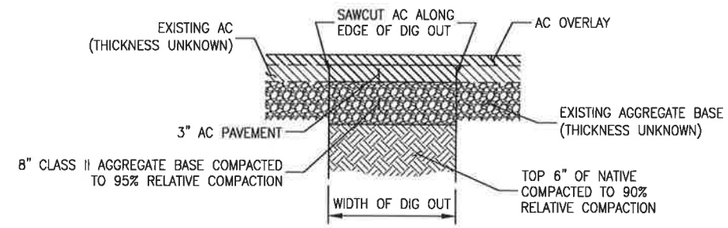


TYPICAL STATIONS: 10+50 to 15+50



TYPICAL STATIONS: 15+50 to 31+60

2 WILLMOTT AVENUE TYPICAL OVERLAY SECTIONS
NOT TO SCALE

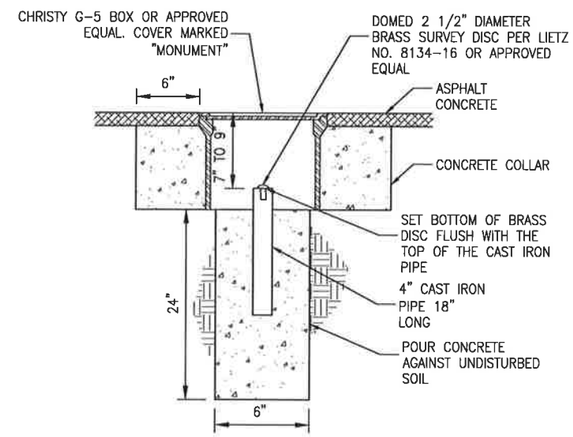


3 PAVEMENT DIGOUT DETAIL
NOT TO SCALE

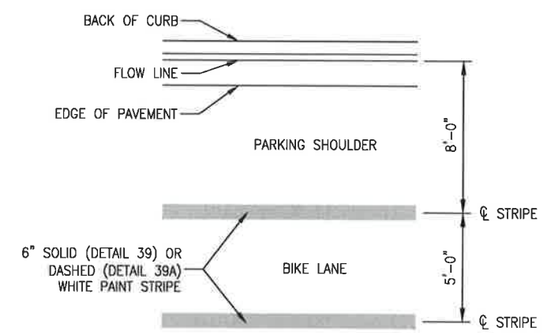
NOTES

GENERAL

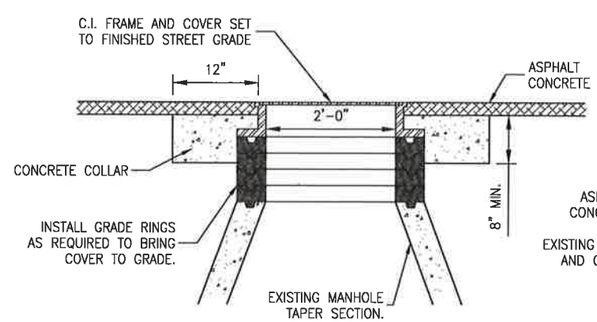
1. SOIL DENSITIES ARE EXPRESSED AS A PERCENTAGE OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D 1557.
2. CONTRACTOR MAY ADJUST MANHOLE, VALVE AND CLEANOUT COVERS TO GRADE PRIOR TO PAVING USING METAL GRADE RINGS SPECIFICALLY DESIGNED FOR THIS PURPOSE. ENGINEER'S APPROVAL OF PROPOSED GRADE RINGS IS REQUIRED PRIOR TO PERFORMING THE WORK.



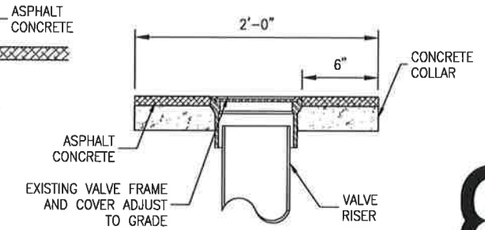
MONUMENTATION ADJUSTMENT



5 BIKE LANE STRIPING DETAIL
NOT TO SCALE



MANHOLE ADJUSTMENT



VALVE BOX ADJUSTMENT

4 UTILITY ADJUSTMENTS
NOT TO SCALE

811 Know what's **below.** **Call** before you dig.

REGISTERED PROFESSIONAL ENGINEER MARIO B. GOUVEIA No. 53261 EXP. 6-30-25 CIVIL STATE OF CALIFORNIA

REV	DATE	DESCRIPTION	APPR
7			
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GOUVEIA ENGINEERING, INC.
CONSULTING ENGINEERS
456 Sixth Street • Gustine, California 95322
Telephone (209) 854-3300

CITY OF LOS BANOS
2025 STREET REHABILITATION
TYPICAL STREET SECTIONS, PAVEMENT DIGOUTS AND UTILITY ADJUSTMENT DETAILS

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-131
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	31 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24		
APPROVED M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10

May 31, 2024 - 3:24pm
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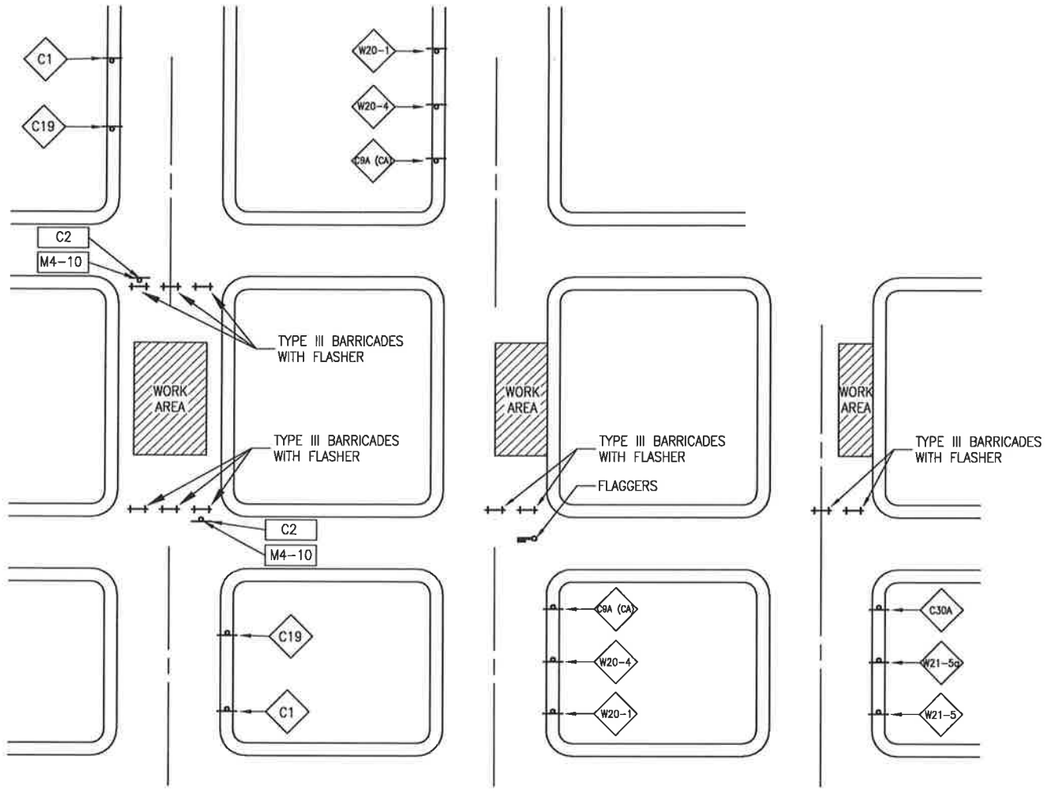
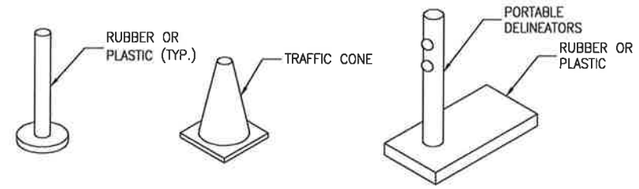


TYPICAL ROAD CLOSURE

TYPICAL LANE CLOSURE

TYPICAL SHOULDER CLOSURE

1 CLOSURE DETAILS
NOT TO SCALE



3 TRAFFIC DELINEATORS
NOT TO SCALE

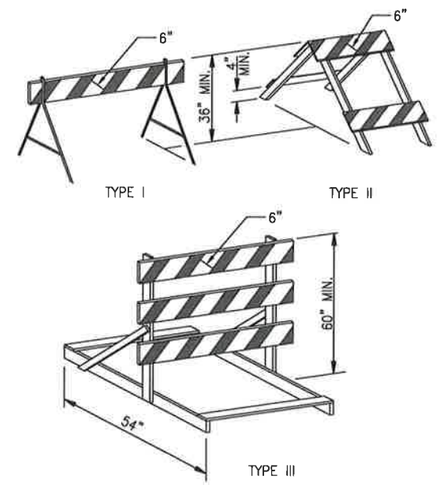
NOTES

1. PLACEMENT OF BARRICADES SHALL NOT PRECLUDE ENTRANCE OF EMERGENCY VEHICLES.
2. ADDITIONAL DETOUR SIGNS MAY BE REQUIRED BY THE CITY ENGINEER.

   ▭ OR ◇ SIGN PER

   ⟷ TYPE III BARRICADE PER
3. REFLECTORS AS REQUIRED BY THE CITY ENGINEER OR PUBLIC WORKS DIRECTOR.

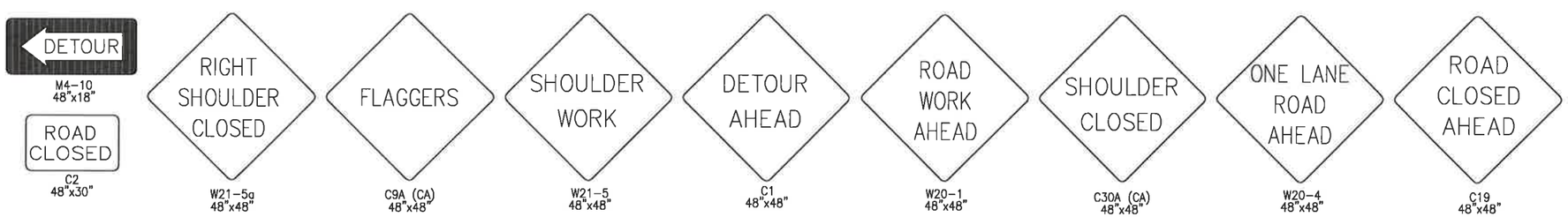
REFERENCE DETAIL: 2/– , 4/–



BARRICADE AND PORTABLE FLASHER SUPPORT CHARACTERISTICS

TYPE	1	2	3	PORTABLE FLASHER SUPPORT
WIDTH OF RAIL	8" – 12"	8" – 12"	8" – 12"	TOP – 8" – 12" BOTTOM – 4" MIN.
LENGTH OF RAIL	2' MIN.	32" – 4'	3' MIN.	31" MAX.
WIDTH OF STRIPE	6"	6"	6"	4" OR 6"
HEIGHT	3' MIN.	3' MIN.	5' MIN.	30" MIN.
NUMBER OF RAILS FACES REFLECTORIZED	2	4	3 IF FACING TRAFFIC IN ONE DIRECTION. 6 IF FACING TRAFFIC IN TWO DIRECTIONS.	2 IF TOP RAIL IS 12" WIDE. 4 IF TOP RAIL IS LESS THAN 12" WIDE.

4 PORTABLE BARRICADES
NOT TO SCALE



2 TYPICAL CONSTRUCTION SIGNS
NOT TO SCALE

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CITY OF LOS BANOS
2025 STREET REHABILITATION
TRAFFIC CONTROL DETAILS

DESIGNED BY L. RAMIREZ	DATE 05/30/24	DRAWING	C-132
DRAWN BY L. RAMIREZ	DATE 05/30/24	SHEET	32 OF 32 SHEETS
CHECKED BY M. GOUVEIA	DATE 05/31/24	PROJECT NUMBER	845.10
APPROVED M. GOUVEIA	DATE 05/31/24		

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