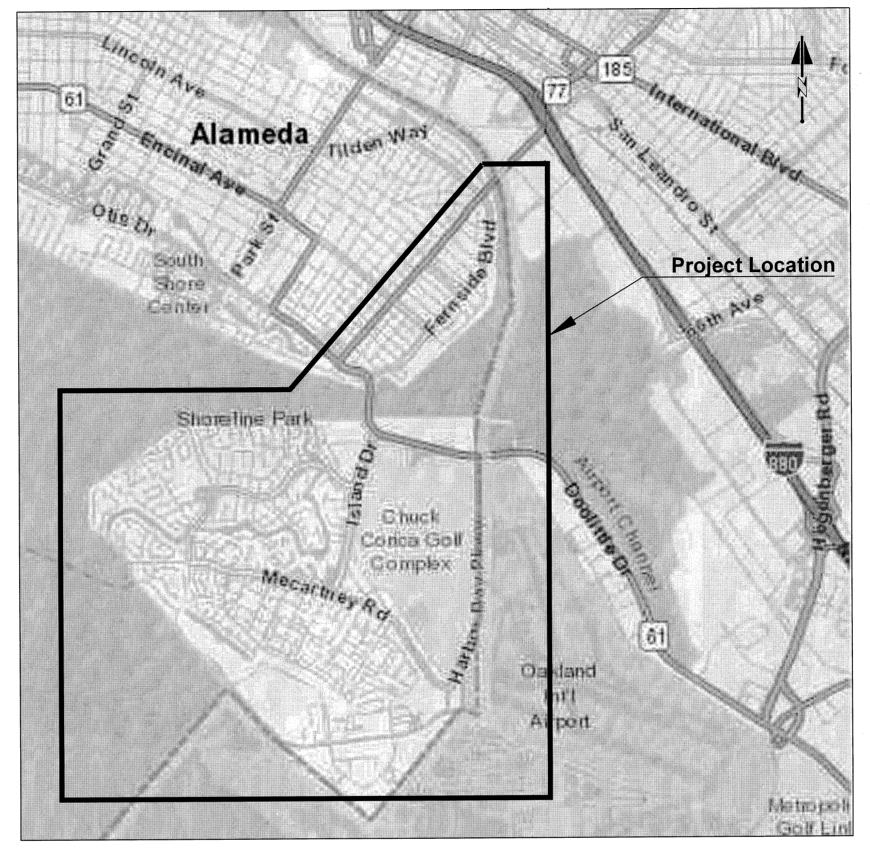
# CITY OF ALAMEDA 2020 PAVEMENT MANAGEMENT PROJECT, PH 39 HMA OVERLAYS AND BASE REPAIRS, NO. PW 05-20-26

#### **GENERAL NOTES:**

- 1. THE CONTRACTOR SHALL HAVE A SUPERINTENDENT OR REPRESENTATIVE ON SITE AT ALL TIMES DURING CONSTRUCTION.
- 2. ALL WORK SHALL BE DONE UNDER THE DIRECTION OF AND TO THE SATISFACTION OF THE ENGINEER.
- 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT VERSION OF CALTRANS' STANDARD PLANS AND STANDARD SPECIFICATIONS AS PRESCRIBED IN PROJECT SPECIFICATIONS, AS WELL AS LATEST TRAFFIC MANUAL AND SPECIAL PROVISIONS.
- 4. WHEN CONTRACTOR BEGINS WORK, THE CONTRACTOR SHALL NOT STOP UNTIL ALL WORK IS COMPLETED. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM STREET, GUTTER AND SIDEWALK EVERYDAY AFTER WORK.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT EXISTING UTILITIES AND OTHER FACILITIES.
- 6. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE ONLY. NOT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE RESPECTIVE UTILITY COMPANY AND AFFECTED AGENCIES FOR VERIFICATION OR DETERMINATION OF LOCATION AND DEPTH OF EXISTING UTILITIES. THE CONTRACTOR OR ANY SUBCONTRACTOR OF THIS PROJECT SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS PRIOR TO DOING ANY WORK. TELEPHONE 800-227-2600. CONTRACTOR SHALL USE POTHOLE TO IDENTIFY EXISTING CONDUIT DEPTH AND ALIGNMENT, THEN CONTACT RESIDENT ENGINEER TO DETERMINE TREATMENT TO AVOID UTILITY CONFLICT AT NO COST TO THE CITY.
- 7. CONTRACTOR SHALL COMPLY WITH ALAMEDA COUNTYWIDE CLEAN WATER PROGRAM. BROCHURES FOR THE BEST MANAGEMENT PRACTICES (BMP'S) CAN BE OBTAINED FROM THE CENTRAL PERMITS OFFICE. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THESE BMP'S, AND FAILURE TO COMPLY WITH THEM WILL RESULT IN FINES. THE FINE FOR NONCOMPLIANCE OF THE ABOVE PROGRAM IS TWO HUNDRED AND FIFTY DOLLARS PER OCCURRENCE PER DAY.
- 8. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS . ALL DOCUMENTS, SHOP DRAWINGS, CALCULATIONS, AND OTHER SUBMITTALS ARE SUBJECT TO APPROVAL BY THE CITY OF ALAMEDA PRIOR TO THE START OF ANY WORK.
- 9. CONTRACTOR SHALL REVIEW ALL DOCUMENTS, VERIFY ALL DIMENSIONS AND FIELD CONDITIONS, AND SHALL CONFIRM THAT ALL WORK IS BUILDABLE AS SHOWN BEFORE COMMENCING WORK. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR CLARIFICATION PRIOR TO PERFORMANCE OF WORK.
- 10. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 3 WORKING DAYS IN ADVANCE PRIOR TO INSTALLATION OR REMOVAL OF TRAFFIC SIGNAL DETECTOR.
- 11. THE CONTRACTOR SHALL COORDINATE CLOSURE OF BUS STOP, IF NEEDED, DUE TO CONSTRUCTION, WITH AC TRANSIT. CONTRACTOR SHALL ALLOW ADEQUATE TIME FOR POSTING OF ADVANCE NOTICES.
- 12. CONSTRUCTION OF CURB, GUTTER, SIDEWALK, WHEEL CHAIR RAMPS, AND PATCHING OF THE STREET SHALL BE PERFORMED IN ACCORDANCE WITH THE CALTRANS STANDARD DRAWING, AND THESE PLANS. CONTRACTOR SHALL USE CAUTION WHEN REMOVING AND RECONSTRUCTING CURB AND GUTTER AROUND EXISTING WEEP HOLES AND IRRIGATION LINES AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIX THEM IF THEY ARE DAMAGED, AT NO COST TO THE CITY OR ADJACENT LAND OWNER.
- 13. NO WORK SHALL COMMENCE PRIOR TO SUBMITTING VEHICULAR & PEDESTRIAN TRAFFIC CONTROL PLANS BY CONTRACTOR AND APPROVAL BY THE CITY. ALL VEHICULAR & PEDESTRIAN TRAFFIC CONTROL PLANS MUST BE IN CONFORMANCE WITH CALTRANS REGULATIONS AND GUIDELINES.
- 14. FOR REMOVAL OF PAVEMENT MARKINGS, PLEASE SEE SPECIFICATIONS FOR HAZARDOUS MATERIALS.
- 15. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPES, & OTHER IMPROVEMENTS WITH SMOOTH TRANSITION IN PAVING & GRADING TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
- 16. UTILITY REPAIRS: CONTRACTOR TO REPAIR DAMAGE TO ANY UTILITIES, WATER LINES, IRRIGATION WITHIN 48 HOURS OF DAMAGE.
- 17. NTP: CONTRACTOR SHALL NOT PROCEED WITH WORK UNTIL A PRE-CON MEETING HAS BEEN HELD WITH CITY & A NOTICE TO PROCEED HAS BEEN ISSUED.
- 18. REMOVAL OF OIL TRACKING: REMOVE OIL TRACKS FROM STRIPING, SIDEWALK, AND PAVEMENT DELINEATORS WITHIN 48 HOURS.
- 19. REMOVE ALL MARKING & STRIPING WITHIN HMA OVERLAY LIMITS AND PLACE TEMPORARY MARKERS PER SPECIFICATIONS.

## CONSTRUCTION HOURS

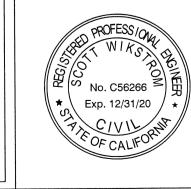
- 1. ANY CONSTRUCTION WORK RELATED TO TRAFFIC CONTROL SHALL BE CONDUCTED BETWEEN HOUR OF 8:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY, EXCEPT AS NOTED IN THE "CONSTRUCTION HOURS NEAR SCHOOL ZONES" TABLE.
- 2. THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES. ANY LANE CLOSURE SHALL BE SUBJECT TO THE PRIOR APPROVAL OF THE TRAFFIC ENGINEER.



VICINITY MAP

CONSTRUCTION HO	JURS NEAR	SCHOOL ZO	NES
		END TIME	END TIME
LOCATION	START TIME	Mo, Tu, Th, Fr	We
ENCINAL AVE	9:00 AM	2:00 PM	1:00 PM
WASHINGTON ST	9:00 AM	2:00 PM	1:00 PM
CALHOUN ST	9:00 AM	2:00 PM	1:00 PM
ISLAND DR, DOOLITTLE DR TO	9:00 AM	2:00 PM	1:00 PM
DYSTER SHOALS			
PACKET LANDING RD	9:00 AM	2:00 PM	1:00 PM
SEA BRIDGE	9:00 AM	2:00 PM	1:00 PM
SEA BRIDGE CT	9:00 AM	2:00 PM	1:00 PM
KOFMAN PKWY	9:00 AM	2:00 PM	12:00 PM
DUBLIN WAY	9:00 AM	2:00 PM	12:00 PM
LIMERICK LN	9:00 AM	2:00 PM	12:00 PM

	SHEET INDEX
SHEET NO,	SHEET CONTENTS
1	COVER SHEET
2	CIVIL DETAILS
3	RESURFACING MAP AND TABLE
4	BASE REPAIR MAP AND TABLE
5-6	STRIPING DETAILS



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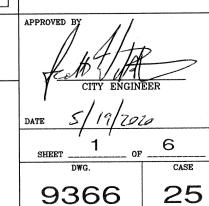
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ENGINEERING DEPARTMENT

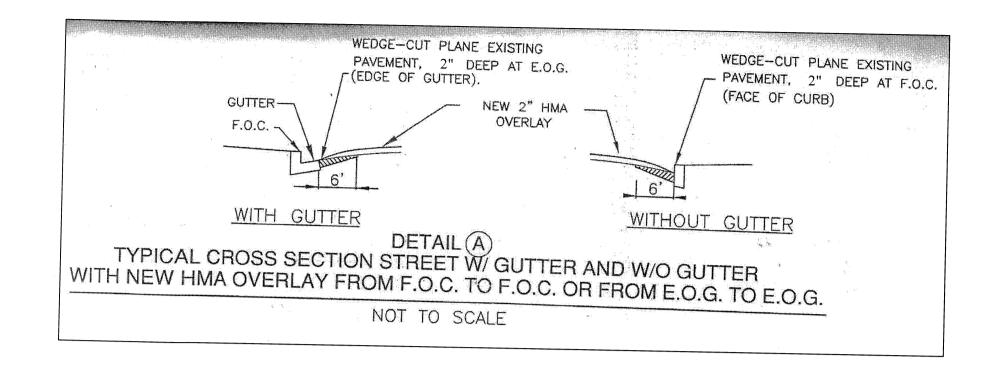
2020 PAVEMENT

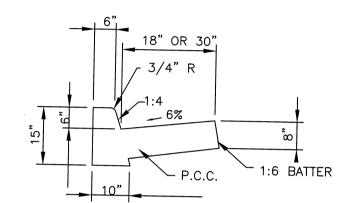
MANAGEMENT, PHASE 39

HMA OVERLAYS AND BASE REPAIR
NO. PW 05-20-26

CITY OF ALAMEDA

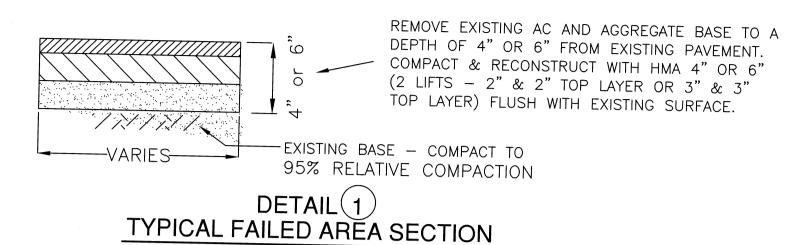






TYPICAL CURB & GUTTER (18" OR 30") REPLACEMENT

NOT TO SCALE



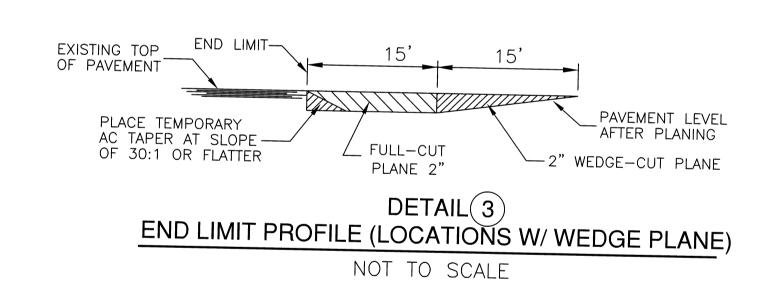
WEDGE PLANE EXISTING PAVEMENT
(0 - 2")

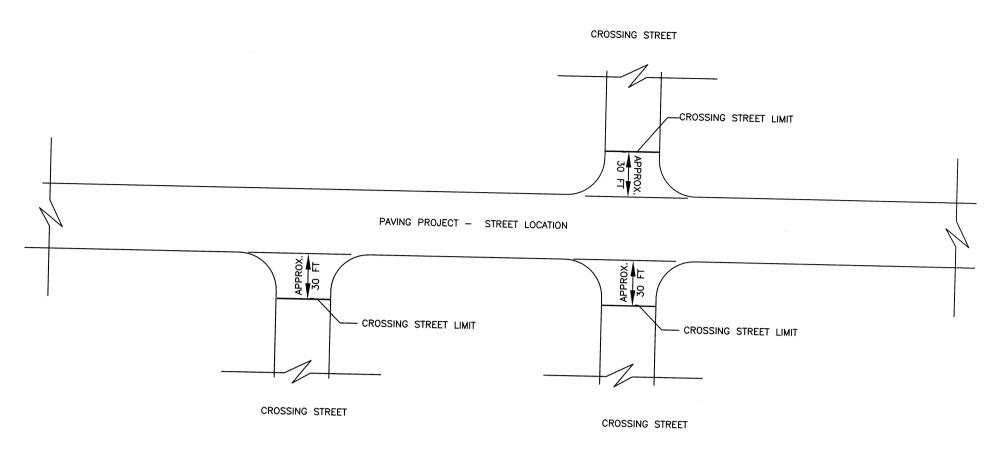
REMOVE EXISTING AC AND EXISTING
AGGREGATE BASE TO A DEPTH OF
4" OR 6" BELOW SURFACE AFTER
WEDGE PLANING. RECONSTRUCT WITH
HMA (2 LIFTS - 2" & 2" TOP LAYER
OR 3" & 3" TOP LAYER),FLUSH WITH
PLANED SURFACE OR EXISTING SURFACE.

NOT TO SCALE

TYPICAL FAILED AREA SECTION
(LOCATIONS W/WEDGE PLANE AND/OR BASE REPAIR)

NOT TO SCALE





TYPICAL CROSSING STREET LIMIT FOR PAVING

NOT TO SCALE

PROFESS/ON WIKS ROLL WITH ROLL WITH

CIVIL DETAILS

BENCH MARK

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CITY OF ALAMEDA
CALIFORNIA
ENGINEERING DEPARTMENT

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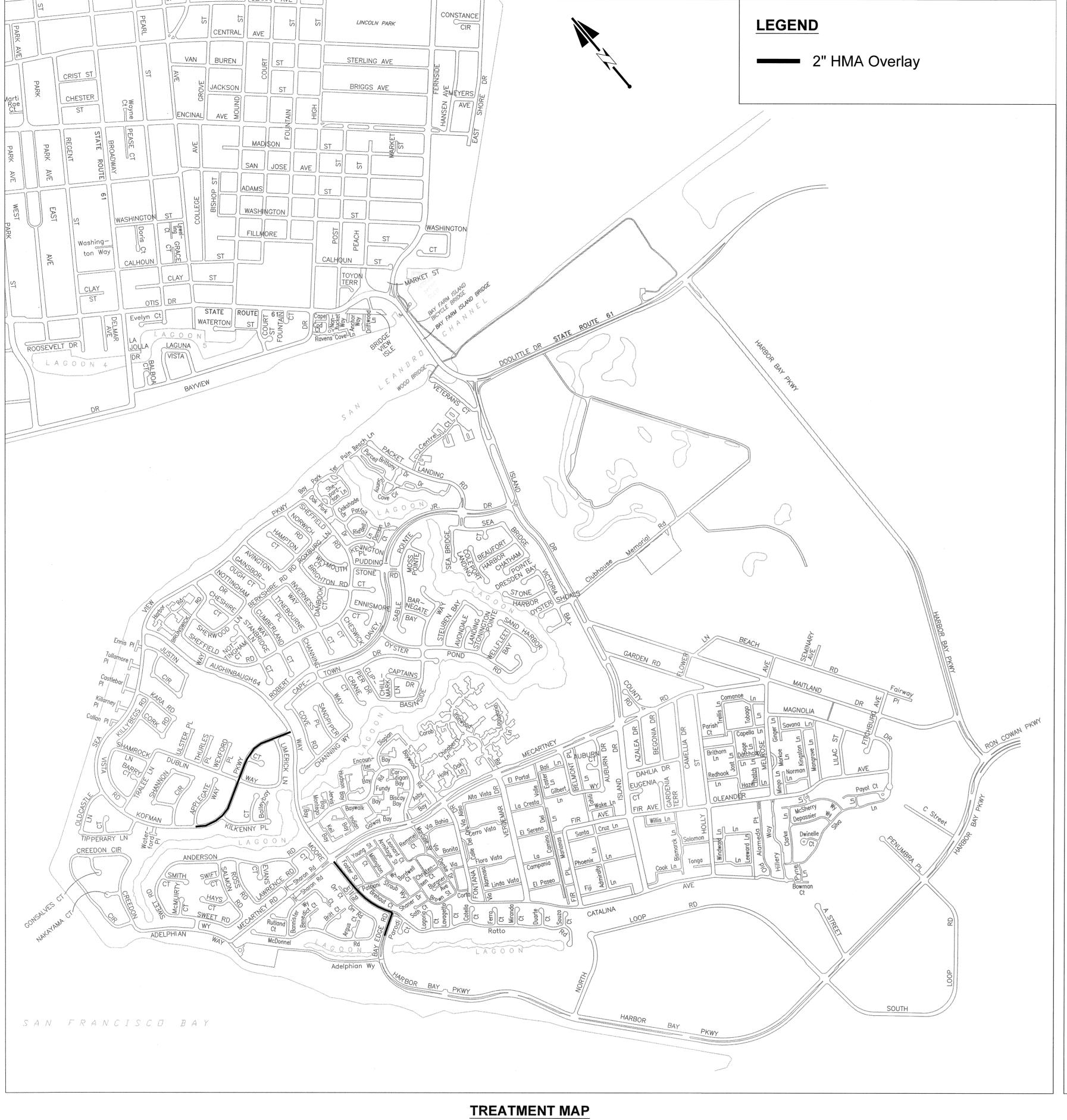
CITY OF ALAMEDA
CALIFORNIA
ENGINEERING DEPARTMENT

MANAGEMENT, PHASE 39
HMA OVERLAYS AND BASE REPAIR

APPROVED BY

CITY ENGINEER

DATE \$\frac{1}{2} \frac{2}{0} = 6



NOTES:

- LENGTHS ARE APPROXIMATE. LIMITS TO BE ESTABLISHED IN THE FIELD BY THE ENGINEER.
   WIDTHS SHOWN ARE CURB TO CURB. ACTUAL RESURFACING WIDTHS MAY VARY DEPENDING UPON EXISTING
- CONDITIONS (E.G. GUTTERS).

  3. USE PAVER MACHINE FOR 2" HMA PATCH, 4" AND 6" RECONSTRUCTING FAILED AREA REPAIR. (Detail 1, Sheet No. 2)

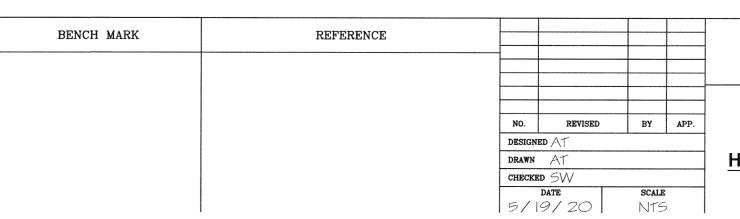
  4. ADDITIONAL BASE REPAIRS MARKED ON-SITE.

  5. SEE CIVIL DETAILS SHEET FOR "TYPICAL CROSSING STREET LIMIT FOR PAVING DETAIL".

**HMA OVERLAY** 

N	o. STREET	BEGIN LOCATION	END LOCATION	TREATMENT	I ENGTH (I E)	ł	DETAILS (SHEET NO. 2)
	1 AUGHINBAUGH WY	MECARTNEY RD	BAY EDGE RD	1. PERFORM FAILED AREA REPAIR 4" DEPTH AS MARKED ON SITE.	945		1, 2, 3, A
				2. WEDGE PLANE BOTH SIDES OF STREET.	0.0	1	1, 2, 0, 7
				3. FULL PLANE 2" DEEP AT CROSSING STREETS.			
				4. 2" HMA OVERLAY			
				5. ADJUST MANHOLES AND MONUMENTS TO GRADE.			
				6. INSTALL PAVEMENT MARKINGS AND NEW TRUNCATED DOMES.			
	2 BAY EDGE RD (EAST SIDE)	AUGHINBAUGH WY	250N of ADELPHIAN WY	1. PERFORM FAILED AREA REPAIR 4" DEPTH AS MARKED ON SITE.	280	15	1, 2, 3, A
				2. WEDGE PLANE BOTH SIDES OF STREET.			
				3. FULL PLANE 2" DEEP AT CROSSING STREETS.			
				4. 2" HMA OVERLAY			
				5. ADJUST MANHOLES AND MONUMENTS TO GRADE.			
				6. INSTALL PAVEMENT MARKINGS AND NEW TRUNCATED DOMES.	•		
	3 BAY EDGE RD (WEST SIDE)	AUGHINBAUGH WY	250N of ADELPHIAN WY	1. PERFORM FAILED AREA REPAIR 4" DEPTH AS MARKED ON SITE.	280	15	1, 2, 3, A
				2. WEDGE PLANE BOTH SIDES OF STREET.			
				3. FULL PLANE 2" DEEP AT CROSSING STREETS.			
				4. 2" HMA OVERLAY			
				5. ADJUST MANHOLES AND MONUMENTS TO GRADE.			
	110511111111111111111111111111111111111			6. INSTALL PAVEMENT MARKINGS AND NEW TRUNCATED DOMES.			
	4 KOFMAN PKWY	APPLEGATE WY	AUGHINBAUGH WY	1. PERFORM FAILED AREA REPAIR 4" DEPTH AS MARKED ON SITE.	1672	40	1, 2, 3, A
				2. WEDGE PLANE BOTH SIDES OF STREET.			
				3. FULL PLANE 2" DEEP AT CROSSING STREETS.			
				4. ADJUST MANHOLES AND MONUMENTS TO GRADE.			
				5. INSTALL PAVEMENT MARKINGS AND NEW TRUNCATED DOMES.			

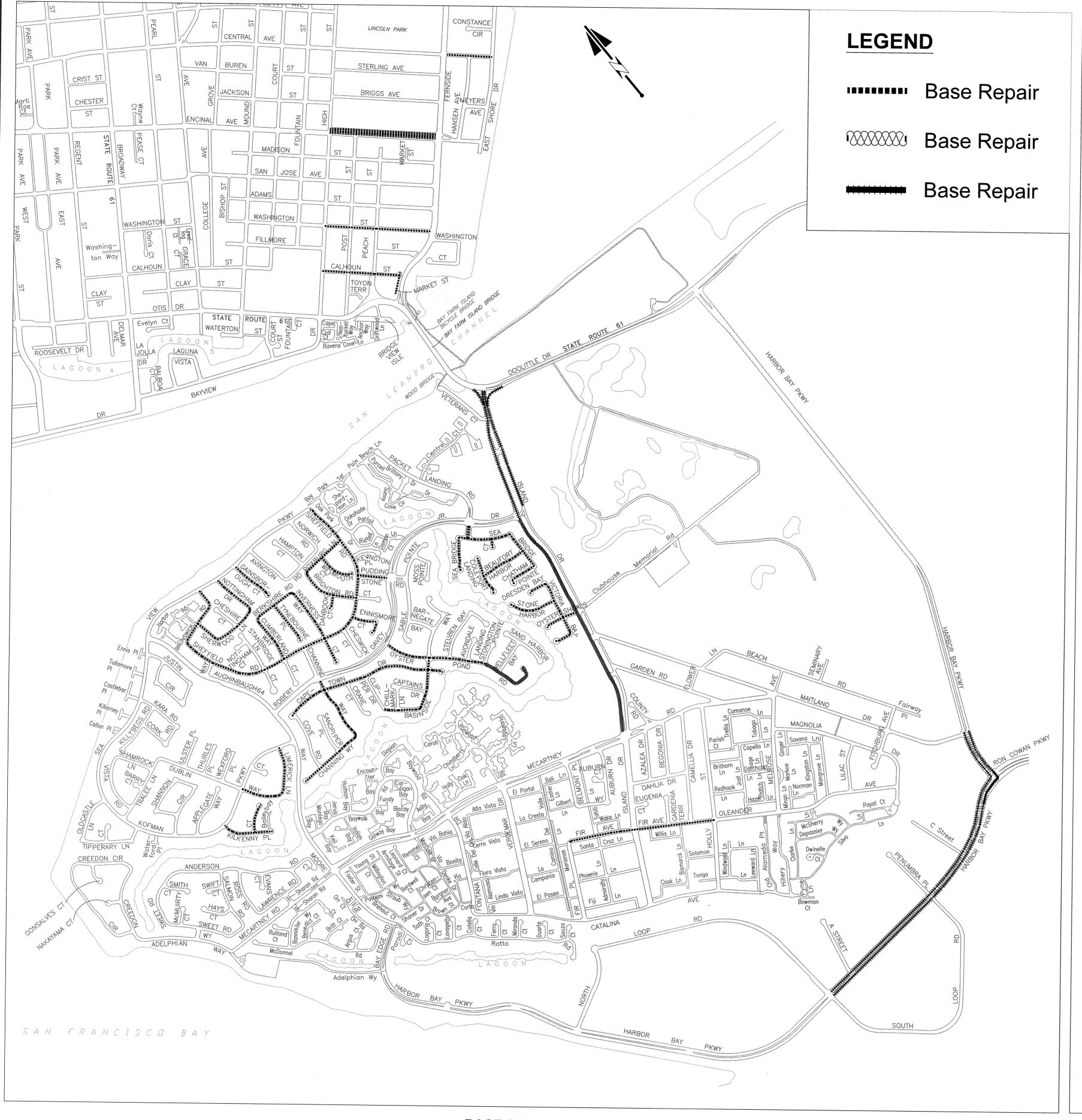
# TREATMENT TABLE



CITY OF ALAMEDA california engineering department **2020 PAVEMENT** 

MANAGEMENT, PHASE 39 HMA OVERLAYS AND BASE REPAIR NO. PW 05-20-26

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### NOTES:

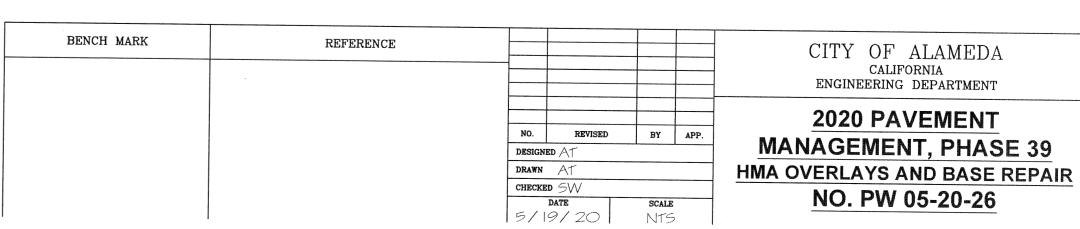
- AREAS ARE APPROXIMATE. LIMITS TO BE ESTABLISHED IN THE FIELD BY THE ENGINEER.
   ACTUAL BASE REPAIRS LOCATIONS WILL BE MARKED ON SITE AFTER THE CONTRACT HAS BEEN AWARD.
   BASE REPAIR AREAS MARKED IN FIELD WITH THE MINIMUM WIDTH OF SIX AND ONE-HALF FEET (6.5").
   USE PAVER MACHINE FOR ALL BASE REPAIR.
   NEW TRUNCATED DOMES WILL BE INSTALLED ON BASE REPAIR LOCATIONS AND PAVING LOCATIONS.

BASE REPAIR (Reconstruction Pavement Failed Area - 6" Deep )

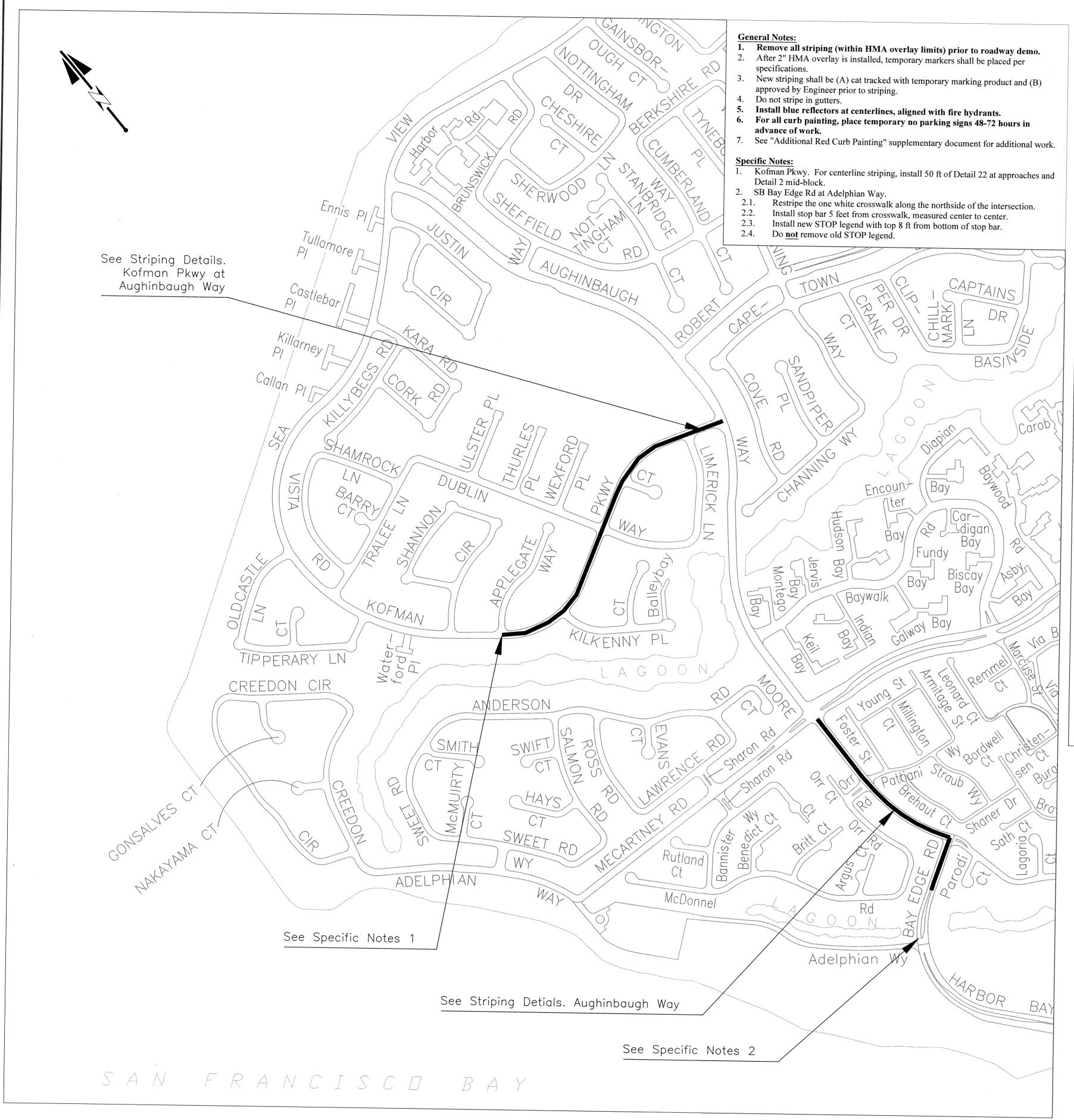
	STREET	BEGIN LOCATION	END LOCATION	AREA [SF]	AREA [CY]
	BASINSIDE WY	CLIPPER DRIVE	OYSTER POND RD	1,836	34
	BEAUFORT HARBOR	SEA BRIDGE	COLEPORT LAND'G	963	18
	BERKSHIRE ROAD	CUMBERLAND WY	INVERNESS WY	916	17
	BRIGHTON ROAD	ROXBURG LN	SHEFFIELD ROAD	1,215	23
	BRUNSWICK ROAD	SHEFFIELD ROAD	SEA VIEW PKWY	1,430	26
	CALHOUN ST	HIGH ST (BCR)	EAST (END)	1,770	33
	CAPETOWN DRIVE	COVE ROAD	EAST (END)	3,890	72
	CENTRAL AVE	FERNSIDE BLVD	EAST SHORE DR	825	15
	CHANNING WY	ROBERT DAVEY JR	WEST END	2,898	54
	CHATHAM POINTE	SEA BRIDGE	W. (END)	630	12
	COLEPORT LANDING	SOUTH (END)	NORTH (END)	882	16
	CUMBERLAND WY	SHEFFIELD ROAD	BERKSHIRE ROAD	1,026	19
13	DANBROOK CT	WEST (END)	BRIGHTON ROAD	378	7
_14	DRESDEN BAY	WEST (END)	VICTORIA BAY	423	8
	DUBLIN WY	KOFMAN PKWY	LIMERICK LN	808	15
16	ENCINAL AVE	HIGH ST	FERNSIDE BLVD	3,990	74
17	ENNISMORE CT	SHEFFIELD ROAD	SOUTH (END)	756	14
18	FIR AVE	FIR PLACE	HOLLYST	3,296	61
19	GAINSBOROUGH CT	SEA VIEW PKWY	SOUTH (END)	954	18
20	INVERNESS CT	SHEFFIELD ROAD	SOUTH (END)	594	11
21	INVERNESS WY	BERKSHIRE ROAD	SHEFFIELD ROAD	1,188	22
22	KILKENNY CT	KILKENNY PL	EAST END	569	11
23	KILKENNY PLACE	KOFMAN PKWY	EAST (END)	1,064	
24	LIMERICK LN	DUBLIN WY	KOFMAN PKWY	1,599	20 30
25	MARKET ST	WEST END	CALHOUN	189	30
26	NOTTINGHAM DRIVE	SEA VIEW PKWY	SHERWOOD LN	762	14
27	OYSTER POND ROAD	ROBERT DAVEY JR	STONINGTON PT	2,142	
	OYSTER SHOALS	WEST (END)	ISLAND DRIVE	702	40
	PACKET LANDING ROAD	SEA BRIDGE	ROBERT DAVEY JR	288	13
	PUDDINGSTONE ROAD	SHEFFIELD WY	ROBERT DAVEY JR	1,106	5
	ROXBURG LN	BRIGHTON ROAD	SHEFFIELD ROAD		20
	SEA BRIDGE CT	SEA BRIDGE	WEST (END)	1,004	19
	SEA BRIDGE PL	WEST (END)	CHATHAM POINTE	225	4
_	SHEFFIELD ROAD	BRUNSWICK ROAD	SEA VIEW PKWY	2,547	47
	SHERWOOD LN	BRUNSWICK ROAD	NOTTINGHAM DR	7,220	134
	STONE HARBOR	NORTH (END)	VICTORIA BAY	1,440	27
	TYNEBOURNE PLACE	BERKSHIRE ROAD		1,008	19
	VICTORIA BAY	DRESDEN BAY	SOUTH (END)	936	17
	WASHINGTON ST	HIGH ST	SOUTH (END)	1,700	31
$\overline{}$	WEYMOUTH CT	ROXBURG LN	FERNSIDE BLVD	2,241	42
_	OYSTER POND ROAD	STONIGTON PT	SOUTH (END)	792	15
	HARBOR BAY PKWY (NORTH	MAITLAND DRIVE	SOUTH (END)	1,188	22
	SIDE)		NORTH LOOP RD (EAST)	5,766	107
43	HARBOR BAY PKWY (SOUTH SIDE)	SOUTH LOOP (WEST)	MAITLAND DR	5,898	109
44	SLAND DRIVE E/SIDE	ROBERT DAVEY JR	DOOLITTLE DR	2,265	42
45	SLAND DRIVE W/SIDE	DOOLITTLE DR	ROBERT DAVEY JR	2,265	42
40	SLAND DRIVE W/SIDE	ROBERT DAVEY JR	MECARTNEY ROAD	3,976	74

BASE REPAIR MAP

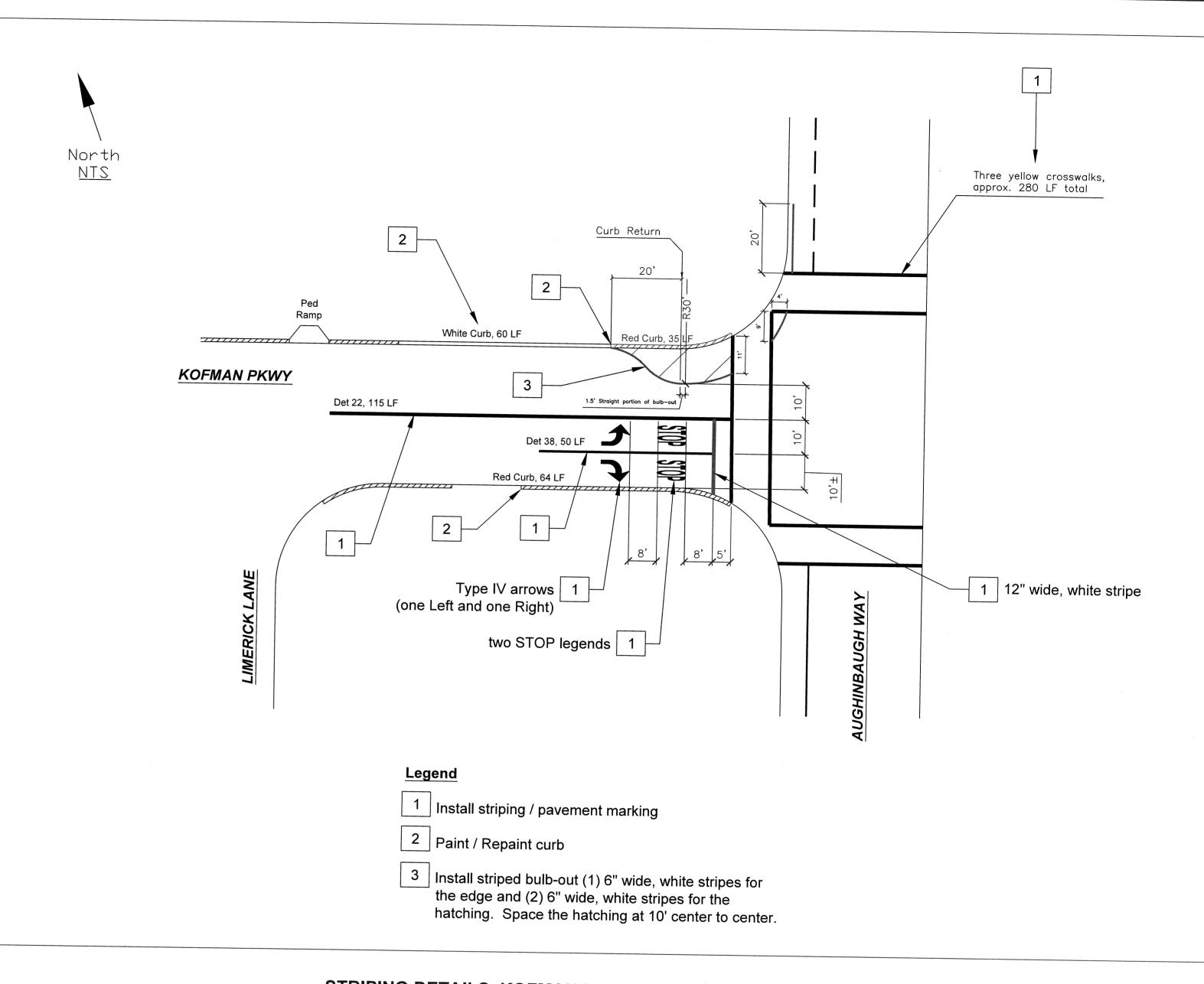
## **BASE REPAIR TABLE**



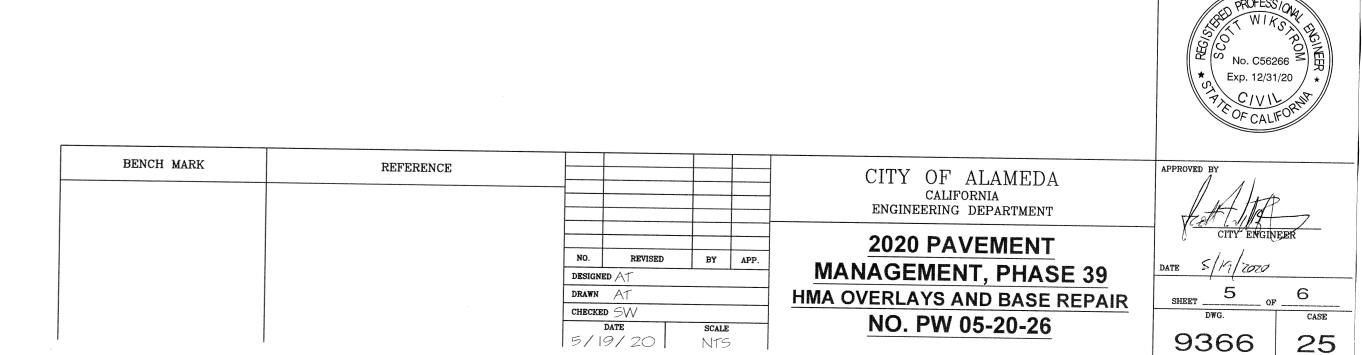
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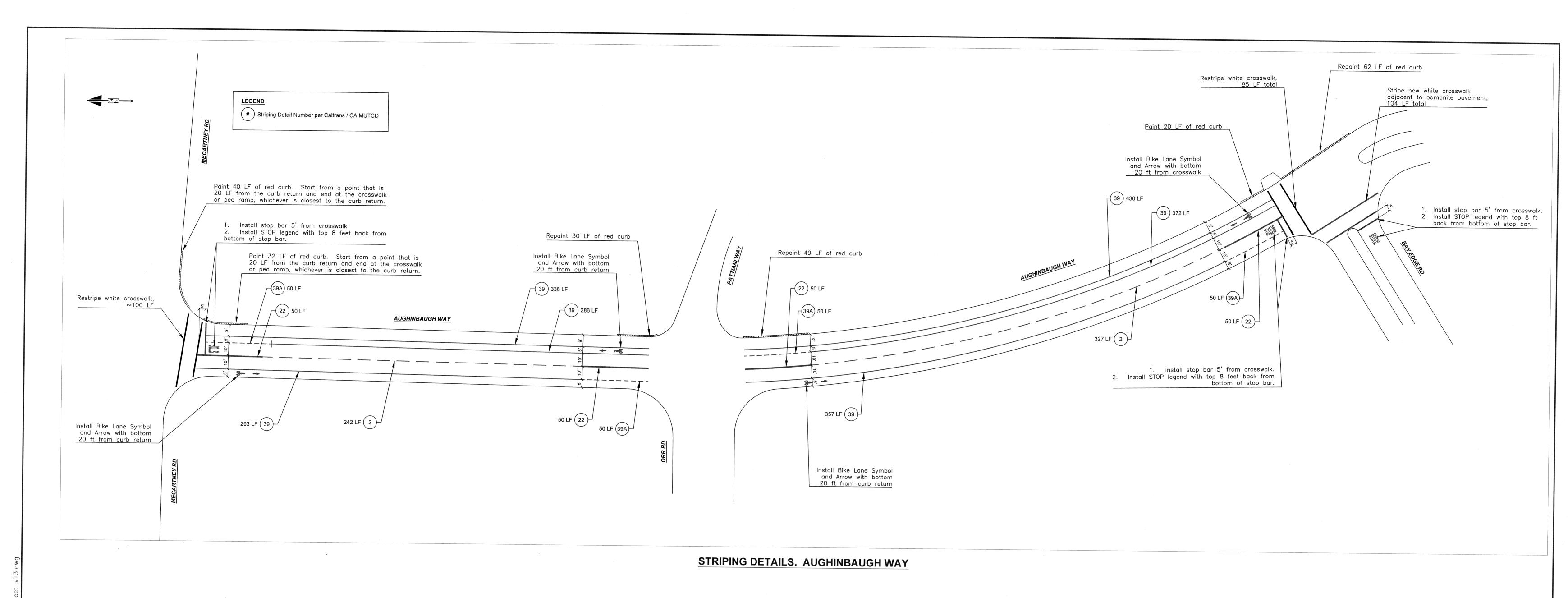


STRIPING DETAILS. GENERAL STRIPING



STRIPING DETAILS. KOFMAN PKWY AT AUGHINBAUGH WAY





BENCH MARK	REFERENCE					CITY OF ALAMEDA	APPROVED BY	
						CALIFORNIA ENGINEERING DEPARTMENT	1.4.4	A
						2020 PAVEMENT	CITY ENGIN	IEER
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