CITY OF BRENTWOOD
2016 PAVEMENT MANAGEMENT PROGRAM - REBID
GRIND AND OVERLAY PROJECT
CIP Project No. 336-30836

GENERAL NOTES:

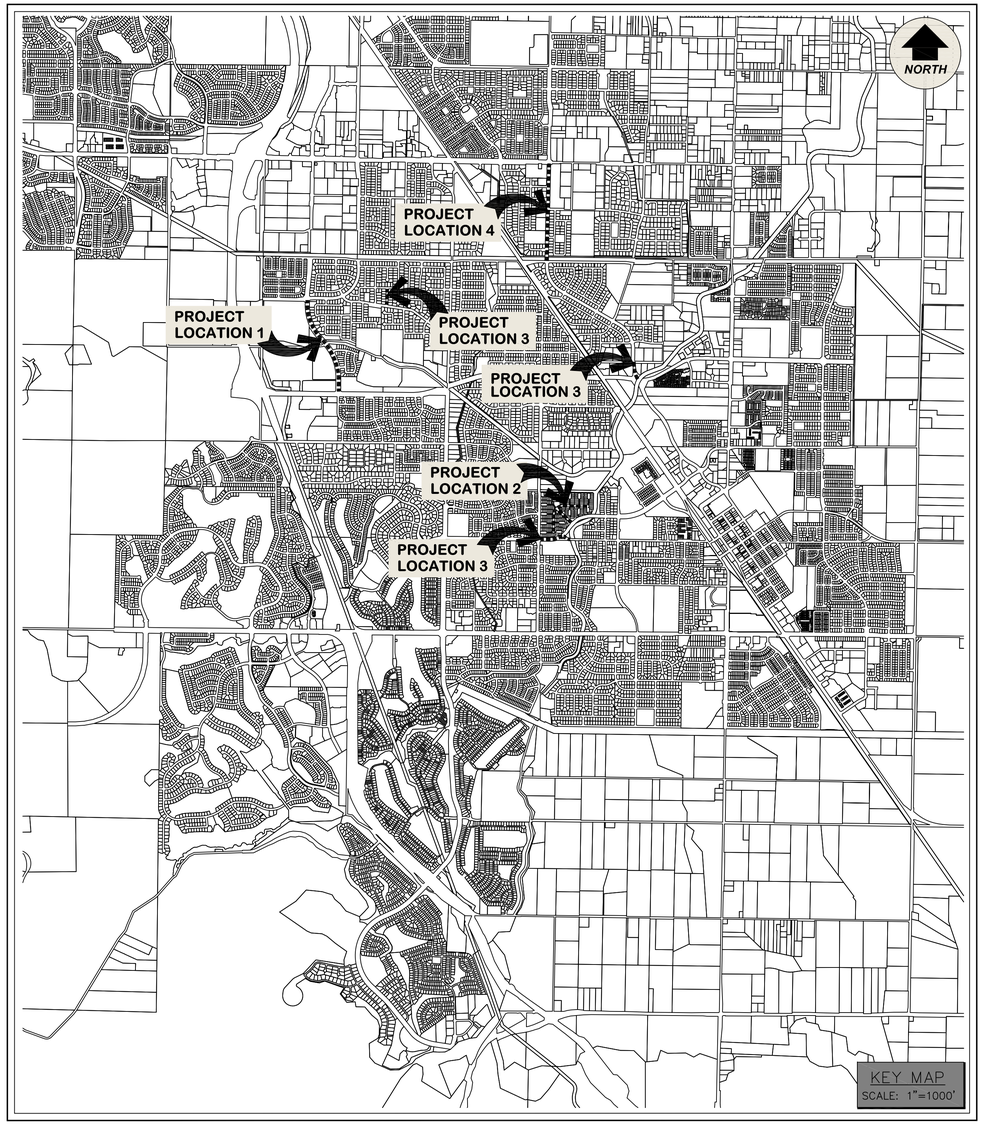
1. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES IN AREA OF WORK PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) AT 811 OR 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
2. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF BRENTWOOD ENGINEERING DEPARTMENT, (925) 516-5420. PUBLIC WORKS INSPECTION SHALL BE NOTIFIED 2 WORKING DAYS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.
3. THE LOCATIONS OF EXISTING SURFACE UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED.
4. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY, (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS) AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THESE CONDITIONS, AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC., AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE OR SURROUNDING AREA DUE TO DUST OR EROSION, RESULTING FROM WORK DONE BY THE CONTRACTOR AT HIS EXPENSE.
7. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS TO PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
8. THE CONTRACTOR SHALL NOTIFY THE PUBLIC, CITY, AND EMERGENCY SERVICES OF PAVING SCHEDULE PER THE PROJECT SPECIFICATIONS TO ALLOW FOR COORDINATION.
9. HAUL ROUTES SHALL BE ONLY ON THOSE STREETS AS PRE-APPROVED BY THE CITY TRAFFIC ENGINEER.
10. TYPICAL DETAILS REFERRED TO ON THESE DRAWINGS ARE FROM THE CALTRANS AND CITY OF BRENTWOOD LATEST STANDARD PLANS.
11. ALL SURVEY MONUMENTATION SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR AT THE DIRECTION OF THE CITY ENGINEER.
12. TYPICAL PAY QUANTITIES WILL BE BASED ON ACTUAL FIELD MEASUREMENTS UNLESS OTHERWISE SPECIFIED IN THE PROJECT TECHNICAL SPECIFICATIONS.
13. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
14. ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE LATEST STANDARD PLANS, SPECIFICATIONS AND ORDINANCES OF THE CITY OF BRENTWOOD, THE STATE STANDARD SPECIFICATIONS AND THE STATE STANDARD PLANS DATED 2010. CITY'S STANDARD PLANS AND SPECIFICATIONS MAY BE OBTAINED BY DOWNLOADING FROM THE CITY'S WEBSITE (WWW.BRENTWOODCA.GOV/DEPARTMENT/PW/ENGINEERING).
15. THE CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROLS INCLUDING FLAGMEN PER SPECIFICATIONS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN SUBJECT TO THE APPROVAL OF THE CITY TRAFFIC ENGINEER PRIOR TO THE START OF WORK. THE CITY RESERVE THE RIGHT TO REQUIRE MODIFICATIONS TO THE APPROVED PLANS IN THE FIELD.
16. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF SECTION 7-01-03 "PUBLIC CONVENIENCE" AND 7-01-04 "PUBLIC SAFETY" AND APPLICABLE PROVISIONS OF THE CALTRANS STANDARD SPECIFICATIONS.
17. TRAFFIC CONTROL SHALL BE PROVIDED IN CONFORMANCE WITH THE LATEST EDITION OF THE "CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD)" AND AS REQUIRED BY THE CITY ENGINEER.
18. THE INSTALLATION OF EROSION CONTROL FACILITIES AND MEASURES ARE NECESSARY AT ALL TIMES.
19. ALL PAVEMENTS IN THE PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC. NO PERMANENT MARKINGS SHALL BE PLACED UNTIL THE CITY TRAFFIC ENGINEER, CITY ENGINEER OR HIS REPRESENTATIVE APPROVES THE CAT TRACKING.
20. BLUE REFLECTIVE MARKERS SHALL BE INSTALLED AT EACH FIRE HYDRANT LOCATION.

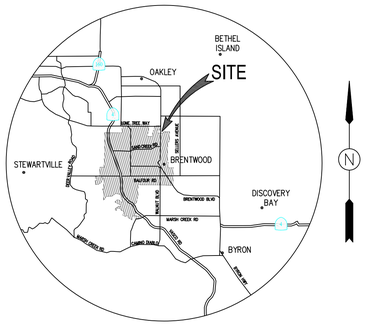
LEGEND:

▢	SIGNAL DETECTOR LOOP	SSMH	SANITARY SEWER MANHOLE COVER
▬	RESURFACING LIMITS	WV	WATER VALVE COVER
CB	DRAIN INLET	FH	FIRE HYDRANT
SDMH	STORM DRAIN MANHOLE COVER		BLUE MARKER

ABBREVIATIONS:

AB	AGGREGATE BASE	L	LEFT
AC	ASPHALT CONCRETE	LF	LINEAR FOOT
AR	ACCESSIBLE RAMP	LN	LANE
AVE	AVENUE	LOG	LIP OF GUTTER
BCR	BEGINNING OF CURB RETURN	MAX	MAXIMUM
BLVD.	BOULEVARD	MIN.	MINIMUM
BOC	BACK OF CURB	MON.	MONUMENT
CB	CATCH BASIN	NO.	NUMBER OR NORTH
C&G	CURB & GUTTER	N.T.S.	NOT TO SCALE
~C'	CENTERLINE	O.C.	ON CENTER
DR	DRIVE	OG	ORIGINAL GRADE
EA	EACH	PCC	PORTLAND CEMENT CONCRETE
ECR	END OF CURB RETURN	QTY	QUANTITY
EOP	EDGE OF PAVEMENT	R	RIGHT
EX.,	EXIST. EXISTING	SDMH	STORM DRAIN MANHOLE
FH	FIRE HYDRANT	SF	SQUARE FEET
FOC	FACE OF CURB	SSMH	SANITARY SEWER MANHOLE
FT.	FEET	STD	STANDARD
GB	GRADE BREAK	TYP	TYPICAL





VICINITY MAP
NOT TO SCALE

CONSTRUCTION NOTES:

1. 2" ASPHALT GRIND AND OVERLAY.
2. 4" FULL GRIND AND OVERLAY PLUS BASE COMPACTION.
3. REMOVE AND REPLACE HANDICAP RAMP.
4. ADD TRUNCATED DOMES TO HANDICAP RAMP.
5. PROTECT AND ADJUST EXIST UTILITY FRAME AND COVER. VERIFY LOCATION WITH CITY OF BRENTWOOD ENGINEERING INSPECTOR.
6. REMOVE EXISTING LOOP DETECTOR, INSTALL NEW LOOP DETECTOR, CONNECT TO TRAFFIC CONTROL SYSTEM PER SPECIFICATIONS.
7. CONSTRUCT SUB-DRAIN PER CITY OF BRENTWOOD ENGINEERING STANDARD DETAIL ST-24.

SHEET INDEX

SHEET NO.	SHEET DESCRIPTION	PROJECT LOCATION NO.
1	COVER SHEET	–
2	SHADY WILLOW LANE – GRIND AND OVERLAY	1
3	SHADY WILLOW LANE – GRIND AND OVERLAY	1
4	DEER CREEK LANE AND FAWNBROOK DRIVE – GRIND AND OVERLAY	2
5	CENTRAL BOULEVARD, DAINTY AVENUE, GABRIELLA LANE, AND O'HARA AVENUE – GRIND AND OVERLAY	3
6	O'HARA AVENUE – GRIND AND OVERLAY	4

REVIEWED FOR CONFORMANCE WITH THE CITY OF BRENTWOOD STANDARDS AND REQUIREMENTS. APPROVAL FOR CONSTRUCTION IS SUBJECT TO THE INFORMATION SHOWN HEREIN. CITY OF BRENTWOOD AND THE UNDERSIGNED ARE NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY EXIST ON THESE PLANS.

4/26/16

MIKI TSUBOTA
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER
R.C.E. No. 61648

DATE
EXPIRES 6-30-17

THE CITY OF BRENTWOOD
PUBLIC WORKS DEPARTMENT
150 City Park Way, Brentwood, CA 94513
Ph: (925) 516-5420 · FAX: (925) 516-5421
www.brentwoodca.gov

NO.	REVISIONS	BY	APP	DATE

IMPROVEMENT PLAN

2016 PMP - REBID

COVER SHEET

BRENTWOOD

CIP NO. 336-30836

DESIGNED UNDER THE DIRECTION OF:

4/26/16

JOHN D SAMUELSON
R.C.E. No. 67734 REGISTRATION EXPIRES 6-30-17

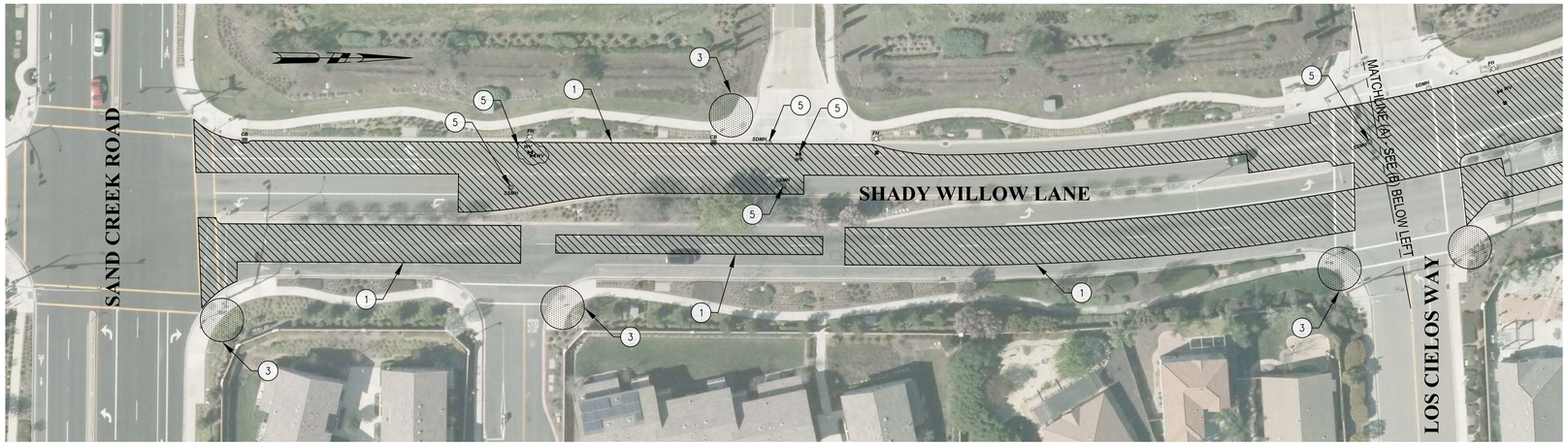
DATE

DESIGN: JDS DATE: 4-26-16
DRAWN: CTC DATE: 4-26-16
CHECKED: JDS DATE: 4-26-16

REGISTERED PROFESSIONAL ENGINEER JOHN D. SAMUELSON C 67734 EXP. 6/30/17 STATE OF CALIFORNIA

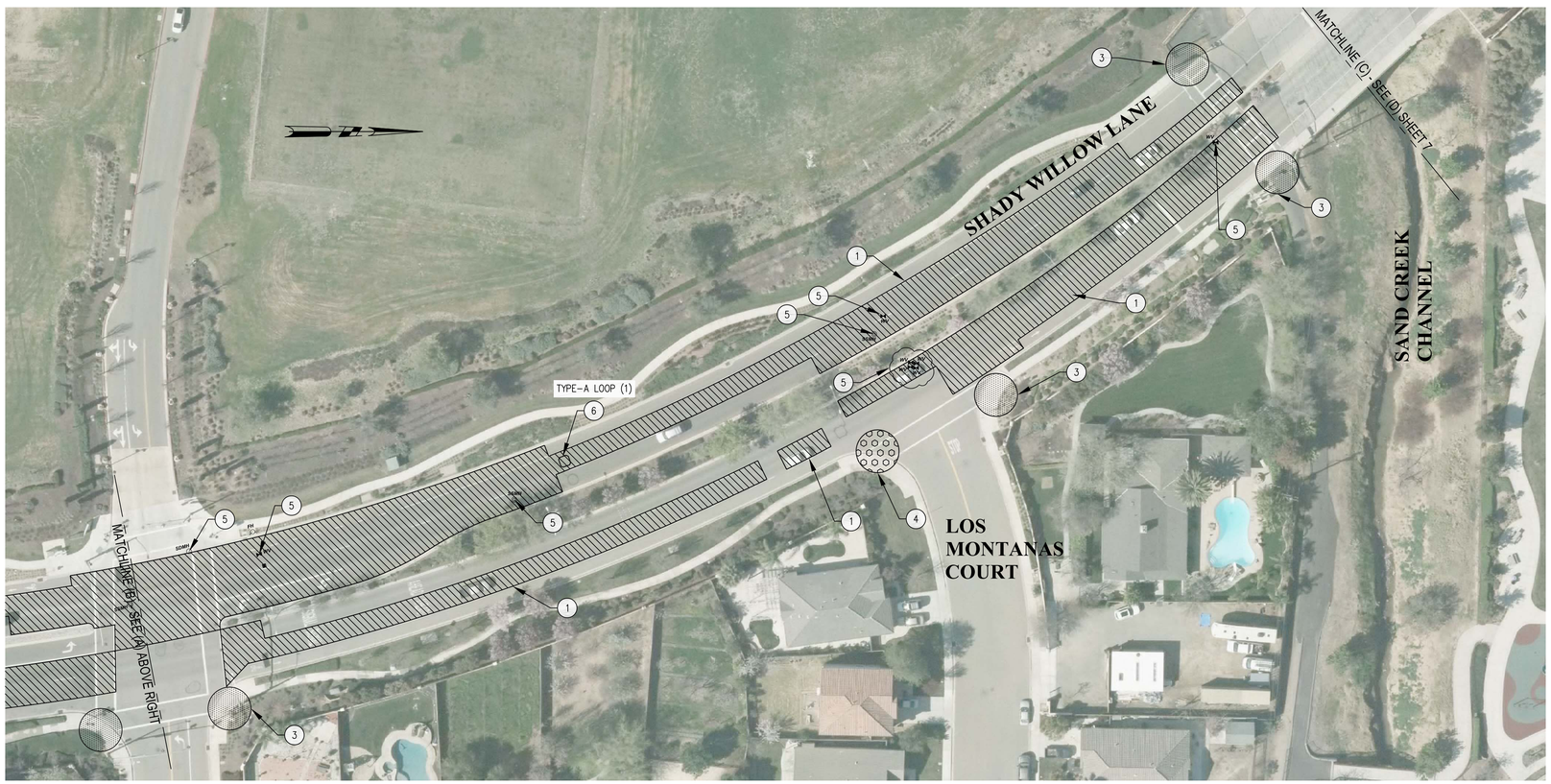
SHEET 1

1 OF 6 SHEETS



SHADY WILLOW LANE EXISTING PAVEMENT REPAIR

SCALE: 1" = 40'



SHADY WILLOW LANE EXISTING PAVEMENT REPAIR

SCALE: 1" = 40'

CONSTRUCTION NOTES:

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3. REMOVE AND REPLACE HANDICAP RAMP.
4. ADD TRUNCATED DOMES TO HANDICAP RAMP.
5. PROTECT AND ADJUST EXIST UTILITY FRAME AND COVER. VERIFY LOCATION WITH CITY OF BRENTWOOD ENGINEERING INSPECTOR.
6. REMOVE EXISTING LOOP DETECTOR, INSTALL NEW LOOP DETECTOR, CONNECT TO TRAFFIC CONTROL SYSTEM PER SPECIFICATIONS.

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IMPROVEMENT PLAN **2016 PMP - REBID**

SHADY WILLOW LANE EXISTING PAVEMENT REPAIR

BRENTWOOD **CIP NO. 336-30836**

DESIGNED UNDER THE DIRECTION OF:
JOHN D SAMUELSON 4/26/16
R.C.E. No. 67734 REGISTRATION EXPIRES 6-30-17 DATE

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SHEET 2

CONSTRUCTION NOTES:

1. 2" ASPHALT GRIND AND OVERLAY.
2. 4" FULL GRIND AND OVERLAY PLUS BASE COMPACTION.
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SHADY WILLOW LANE EXISTING PAVEMENT REPAIR

SCALE: 1" = 40'

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SHADY WILLOW LANE EXISTING PAVEMENT REPAIR

BRENTWOOD **CIP NO. 336-30836**

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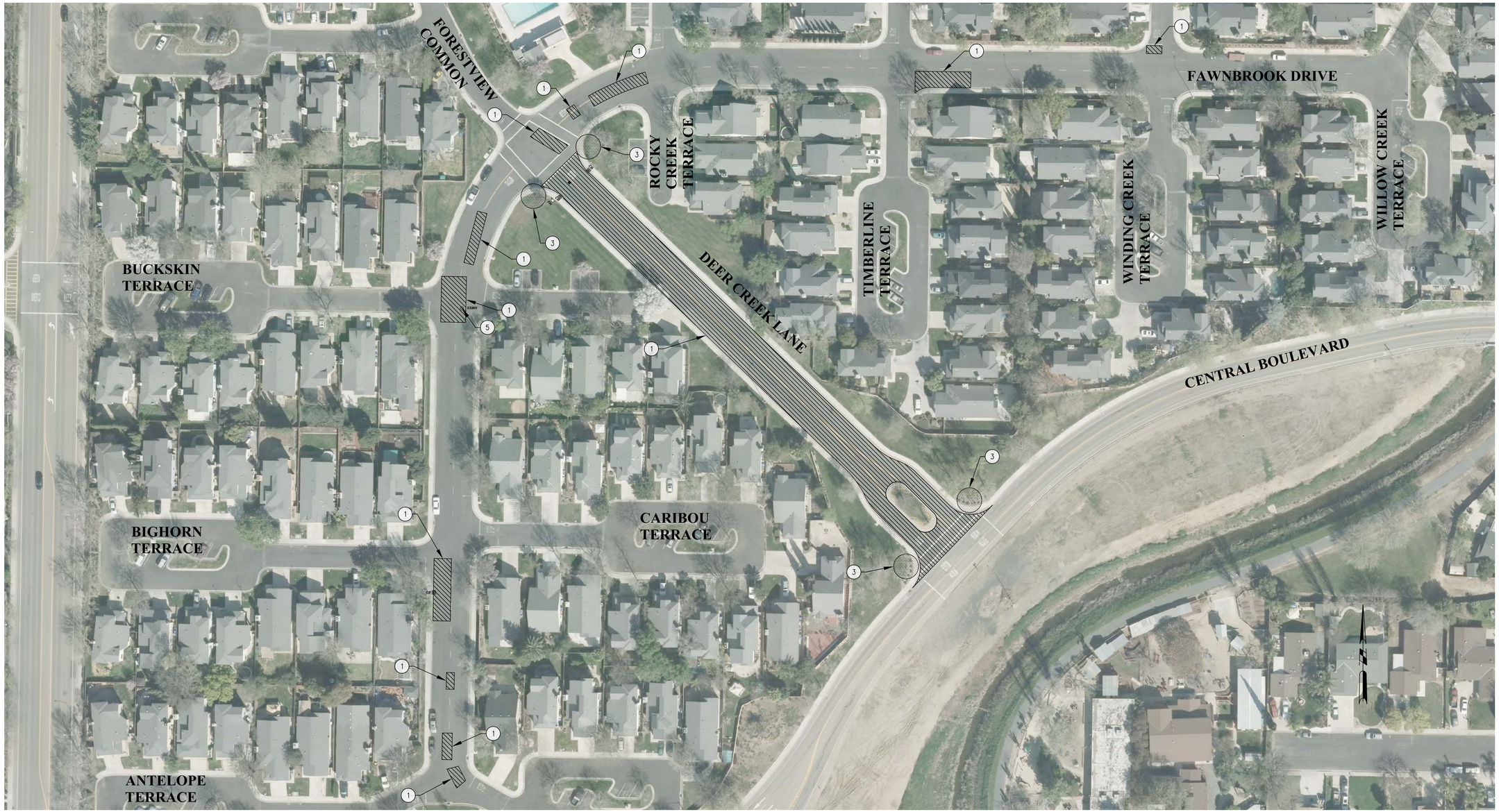
SHEET **3**

3 OF 6 SHEETS



DEER CREEK LANE AND FAWNBROOK DRIVE EXISTING PAVEMENT REPAIR

SCALE: 1" = 50'

CONSTRUCTION NOTES:

1. 2" ASPHALT GRIND AND OVERLAY.
3. REMOVE AND REPLACE HANDICAP RAMP.
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DEER CREEK LANE & FAWNBROOK DRIVE EXISTING PAVEMENT REPAIR

BRENTWOOD **CIP NO. 336-30836**

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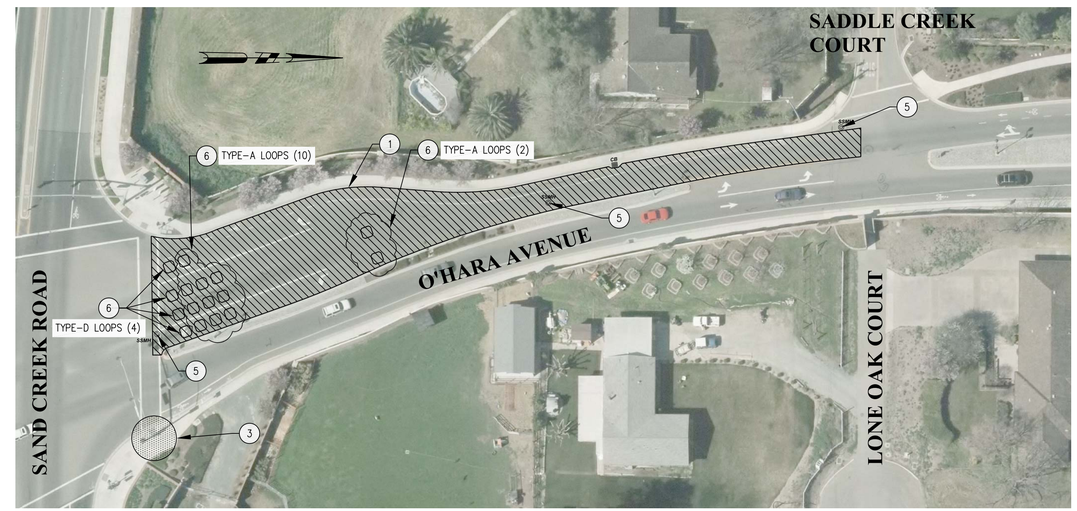
SHEET **4**

CENTRAL BOULEVARD AND DAINTY AVENUE EXISTING PAVEMENT REPAIR (BID ALTERNATE A)

SCALE: 1" = 40'

GABRIELLA LANE EXISTING PAVEMENT REPAIR

SCALE: 1" = 40'



O'HARA AVENUE EXISTING PAVEMENT REPAIR (BID ALTERNATE C)

SCALE: 1" = 40'

CONSTRUCTION NOTES:

1. 2" ASPHALT GRIND AND OVERLAY.
2. 4" FULL GRIND AND OVERLAY PLUS BASE COMPACTION.
3. REMOVE AND REPLACE HANDICAP RAMP.
4. ADD TRUNCATED DOMES TO HANDICAP RAMP.
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IMPROVEMENT PLAN

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CENTRAL BOULEVARD, DAINTY AVENUE, GABRIELLA LANE, & O'HARA AVENUE EXISTING PAVEMENT REPAIR

BRENTWOOD

CIP NO. 336-30836

DESIGNED UNDER THE DIRECTION OF:

JOHN D SAMUELSON
R.C.E. No. 67734 REGISTRATION EXPIRES 6-30-17

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C 67734
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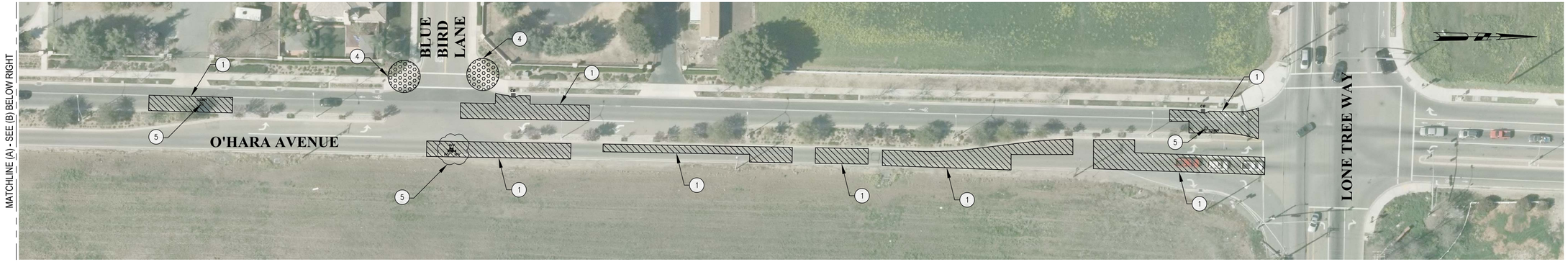
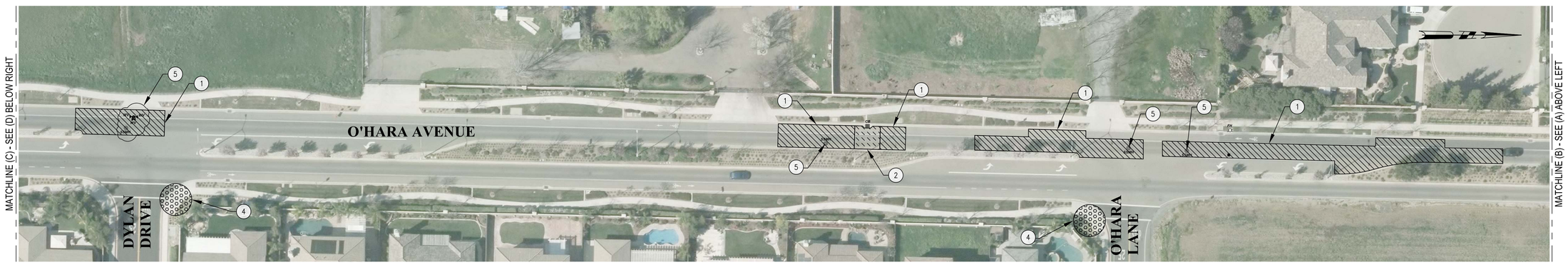
STATE OF CALIFORNIA

SHEET
5
5 OF 6 SHEETS



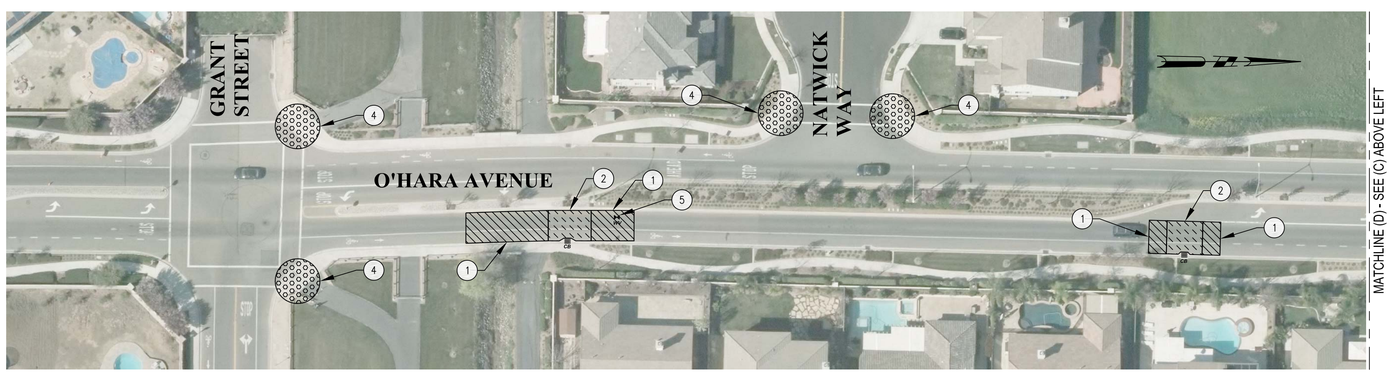
O'HARA AVENUE EXISTING PAVEMENT REPAIR (BID ALTERNATE C)

SCALE: 1" = 40'



O'HARA AVENUE EXISTING PAVEMENT REPAIR (BID ALTERNATE C)

SCALE: 1" = 40'



O'HARA AVENUE EXISTING PAVEMENT REPAIR (BID ALTERNATE C)

SCALE: 1" = 40'

CONSTRUCTION NOTES:

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O'HARA AVENUE EXISTING PAVEMENT REPAIR

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SHEET 6

6 OF 6 SHEETS