



DEPARTMENT of PUBLIC WORKS

1717 WEST 162nd STREET / GARDENA, CALIFORNIA 90247-3731 / WWW.CITYOFGARDENA.ORG / PHONE (310) 217-9568

DECEMBER 12, 2022

ADDENDUM NO. 1

TO: ALL SPECIFICATION HOLDERS

ADDENDUM NO. 1, AS DESCRIBED BELOW, IS FOR USE OF CONTRACTORS AND SUBCONTRACTORS SUBMITTING BIDS ON THIS PROJECT. ALL BIDDERS SHALL INDICATE ON THE BID PROPOSAL FORM (BP-5) THAT THEY HAVE RECEIVED THIS ADDENDUM NO. 1.

REVISION TO THE BID PROPOSAL (BP):

1. Reference the attached **Revised Bid Schedule dated December 12, 2022**, and to be submitted with bid. Bid item number 23 "Remove and Install Pedestrian Push Buttons" has been added.

REVISION TO THE SPECIFICATIONS:

ADD the following section:

SECTION 700-5.8.3 Pedestrian Push Buttons. Pedestrian push button assemblies and detector loops shall conform to the provisions of Section 86-5, "Detectors," of the State Standard Specifications and these Technical Provisions.

New pedestrian push buttons shall be ADA compliant (50mm diameter), Type B Polara Bulldog No. BDL3-B (momentary, non-latching), or approved equal, with a stainless steel button, black body on a green frame. Pedestrian push button signs shall conform to the details shown on the plans. Fasteners used shall be stainless steel tamper proof screws for pedestrian push-button assemblies. Pedestrian calls to the controller shall be independent, by phase, and not as concurrent thru-phase pairs. Pedestrian signal ground wires shall not have splices between the poles and the controller cabinet unless approved by the Engineer or his representative in the field. All pedestrian signal ground wires shall be joined and grounded within the controller cabinet.

REVISION TO THE APPENDICES:

Product information attached for Bulldog pedestrian push buttons are added as Appendix C.

REVISION TO THE PLANS:

1. Revised Plan Sheets 1,5,6 & 7 are enclosed which depict the removal and installation of pedestrian push buttons at the Marine Avenue, Rosecrans Avenue and 135th Street intersections.
2. Revised plan sheets 9 through 13 depict revision to striping construction note from "Detail 9" to "Detail 2".

END OF ADDENDUM NO. 1

TASHA CERDA, Mayor / PAULETTE C. FRANCIS, Mayor Pro Tem
MARK E. HENDERSON, Councilmember / RODNEY G. TANAKA, Councilmember / WANDA LOVE, Councilmember
MINA SEMENZA, City Clerk / GUY MATO, City Treasurer / CLINT OSORIO, City Manager / CARMEN VASQUEZ, City Attorney

Revised Addendum #1

December 12, 2022

BID PROPOSAL (BP)

**BUDLONG AVENUE STREET IMPROVEMENTS
FROM REDONDO BEACH BOULEVARD TO
EL SEGUNDO BOULEVARD AND
HALLDALE AVENUE STEEET IMPROVEMENTS
FROM 135TH STREET TO EL SEGUNDO BOULEVARD**

PROJECT NO. JN 985

Contractor: _____

Address: _____

Phone: _____

Fax: _____

License No.: _____

D.I.R. No. _____

Email: _____

To Be Submitted

WITH

Bid Package

TO BE SUBMITTED WITH PROPOSAL

BID PROPOSAL

PROJECT NO. JN 985

BID SCHEDULE

The undersigned, having examined the proposed Contract Documents titled:

**BUDLONG AVENUE STREET IMPROVEMENTS
FROM REDONDO BEACH BOULEVARD TO
EL SEGUNDO BOULEVARD AND
HALLDALE AVENUE STEET IMPROVEMENTS
FROM 135TH STREET TO EL SEGUNDO BOULEVARD**

and having visited the site and examined the conditions affecting the work, hereby proposes and agrees to furnish all labor, materials, equipment, and appliances, and to perform operations necessary to complete the work as required by said proposed Contract Documents and itemized bid schedule below. All work shall be completed within **65 Working Days** from the date the Notice of Proceed is issued by the Engineer.

Item No.	Item Description	Unit	Approx. Quantity	Unit Price in Figures	Item Total
1	Mobilization (not to exceed 5% of Bid)	LS	1	\$	\$
2	Remove and Replace Curb & Gutter	LF	215	\$	\$
3	Remove and Reconstruct Commercial Sidewalk	SF	980	\$	\$
4	Remove and Reconstruct Residential Driveway	SF	2,080	\$	\$
5	Remove and Reconstruct Commercial Driveway	SF	350	\$	\$
6	Remove and Reconstruct Residential Driveway	SF	980	\$	\$
7	Remove and Reconstruct Alley Approach	SF	420	\$	\$
8	Remove and Reconstruct Access Ramp	EA	28	\$	\$
9	Retrofit Existing Ramp with Plastic Bolt Down Truncated Domes	EA	15	\$	\$

TO BE SUBMITTED WITH PROPOSAL

10	Remove Existing Tree and Tree Stump	EA	8	\$	\$
11	Plant New 24" Box Water Gum Tree	EA	6	\$	\$
12	Edge Mill (Variable Depth)	SF	87,350	\$	\$
13	Header Cut (Variable Depth)	SF	6,600	\$	\$
14	Cold Plane (2" Depth)	SF	49,900	\$	\$
15	Unclassified Excavation	CY	10	\$	\$
16	Asphalt Concrete	TON	780	\$	\$
17	AHRM Overlay	TON	3,250	\$	\$
18	Slurry Seal	SF	144,400	\$	\$
19	Reconstruct Traffic Loops	EA	14	\$	\$
20	Adjust Manhole to Grade	EA	28	\$	\$
21	Adjust Water Valve to Grade	EA	25	\$	\$
22	Battery Backup for Traffic Signal	EA	2	\$	\$
23	Remove and Install Pedestrian Push Buttons.	EA	24	\$	\$
24	Signing, Striping and Pavement Markers	LS	1	\$	\$
25	Traffic Control	LS	1	\$	\$

TO BE SUBMITTED WITH PROPOSAL

TOTAL CONTRACT BID:

(Figures) \$ _____

(Words) _____

*** In case of error in extension of price into the total price column, the unit price will govern.**

All work required and shown on the construction plans and this specification for which no price or item is listed on this proposal, it shall be understood that such work, equipment, labor, tools and materials shall be provided without extra charge, allowance or direct payment of any kind. Payment for performing such work or furnishing such equipment, labor, tools and materials shall be included in the above lump sum or unit bid prices and no additional compensation will be paid therefor.

If the City determines that any of the unit bid prices are significantly unbalanced to the potential detriment of the City, the bid will be replaced as non-responsive.

In case of any discrepancy between the words and the figures, the words shall prevail. If the unit price and the total amount for any item are not in agreement, the unit price alone shall be considered to represent the bidder's intention and all totals will be corrected to conform thereto.

Attached hereto is cash, a certified check, a cashier's check, or a bidder's bond in the amount of _____ Dollar
s, said amount being not less than 10 percent of the amount bid. Pursuant to Public Contract Code Sections 20172 and 20174, it is agreed a portion equal to the difference between the low bid and second low bid shall be retained as a bid bond forfeiture by the City if the undersigned fails or refuses to execute the Contract and furnish the required bonds and certificates of insurance within the time provided.

Name of Bidder

Signature of Bidder

TO BE SUBMITTED WITH PROPOSAL

BID PROPOSAL

PROJECT NO. JN 985

ACKNOWLEDGEMENT OF ADDENDA RECEIVED

The Bidder shall acknowledge the receipt of addenda by number and date each addendum received.

Addendum No. ____ Date _____ Addendum No. ____ Date _____

Addendum No. ____ Date _____ Addendum No. ____ Date _____

Addendum No. ____ Date _____ Addendum No. ____ Date _____

Addenda will be issued only through the ARC Document Solutions and access under their Public Planroom (www.crplanwell.com). It is the Bidder's sole responsibility to visit the Planroom to obtain and administer any Addendum related to this bid. An Addendum must be acknowledged above by a bidder in its submitted form of Proposal.

If an addendum or addenda have been issued by the City and not noted above as being received by the Bidder, the Bid Proposal may be rejected.

Bidder's Signature

Date

TO BE SUBMITTED WITH PROPOSAL

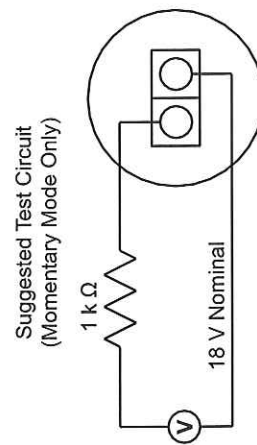
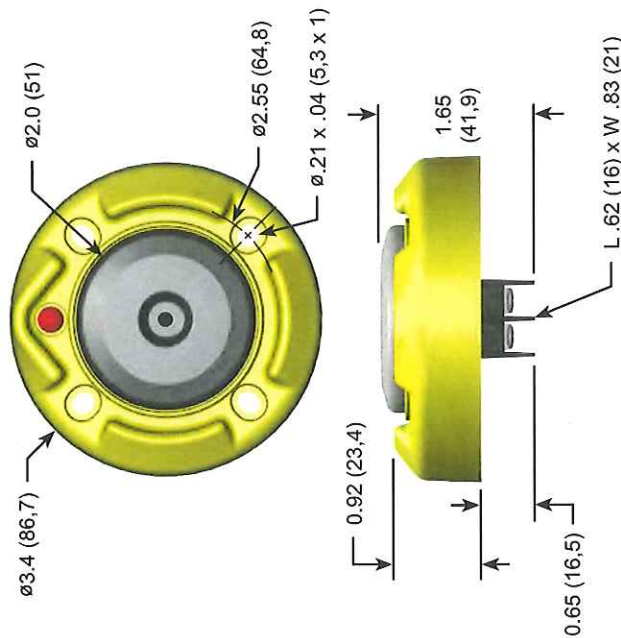
Addendum #1

December 12, 2022

Appendix C
Pedestrian Push Button Product Information

BDL3 – Bulldog III Series Vandal Resistant ADA Push Button

This button is a highly vandal resistant button with essentially no moving parts. It is pressure activated, but can withstand an impact from a baseball bat or hammer. When the switch activates, you hear a beep and the LED either flashes (Momentary Mode) or lights and stays on until the walk cycle (Latching Mode).



BDL3-Y model shown.
Dimensions are in inches (millimeters).

Body Material: Aluminum, Powder Coated

Button Material:

Standard: 316 Stainless Steel

Arrow Button: Anodized 6061 Aluminum, Nickel Plated Black Powder Coat on area surrounding arrow

Piezo Driven Solid State Switch:

Operating Force: 3.0 lbs. Maximum

Operating Temperature: -30°F to 165°F (-34°C to 74°C)

Operating Voltage: 12-36 VDC, 9-25 VAC RMA (18 VDC Typ.)

MTBF: 8,800,000 hours Typ.

Switch Operating Life: Greater than 300 million operations.

"Off" Current: 15µA Typ.

"On" Resistance: 40Ω Typ. (Momentary)

Maximum "On" Current: 30 mA (over-current protection) Typ.

Maximum "On" Time: 11 sec. Typ.

Debounce Time: 85 ms. Typ.

LED Operating Modes:

Momentary:

Latching: Approx 0.025 sec. LED flash each time button is pressed.
LED activates only during non-walk phases and stays on until the beginning of the walk phase.

LED Specifications:

Luminous Intensity: 0.3 Lux @ 1 meter Minimum (Red)

Viewing Angle: 155° Typical

Beeper:

Volume:

Beep on Press: 68dB @ 1 meter Typ.

Beep on Release: 3.5 kHz

Beep Length: 2.6 kHz

50ms Typ.

Terminal screws include washers (clamping plates) intended for bare wire. Crimp Terminals are not recommended.

Warranty: 5 Years, free from manufacturers defects

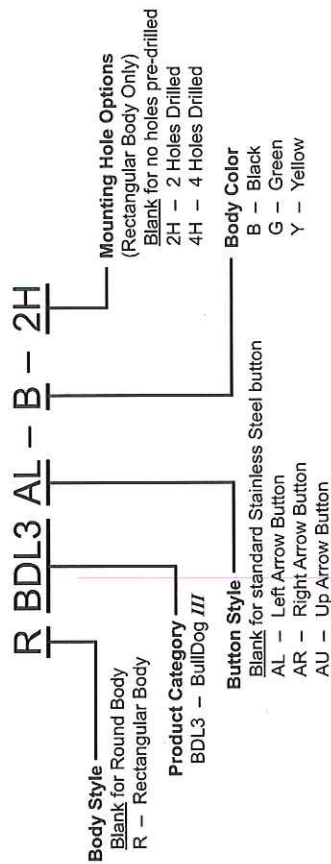
See page 2 for additional design compliance and ordering information.

Design Compliance

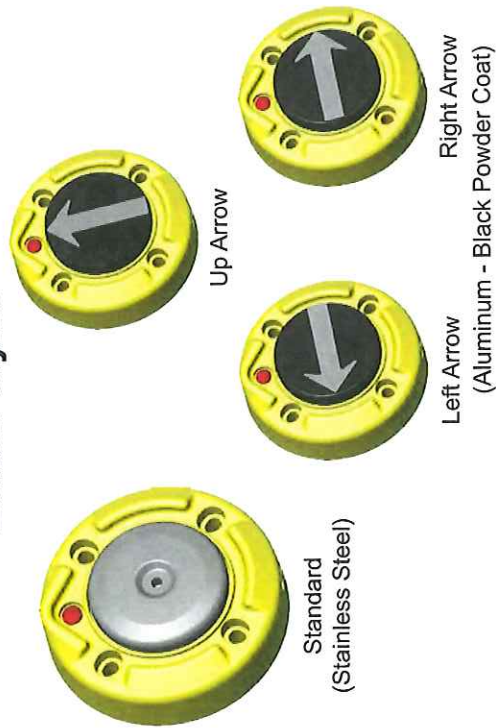
Test Type	Compliance
Activation Force	MUTCD 2009 - 4E
Temperature and Humidity	NEMA TS 2
Transient Voltage Protection	NEMA TS 2
Transient Suppression	IEC 61000-4-4, IEC 61000-4-5
Lightning and Power Protection	GR-1089-CORE, Extended to 6000V-400A, 25 reps, 120VAC-15 mins.
Electronic Noise	FCC Title 47, Part 15, Class A
Mechanical Shock and Vibration	NEMA TS 2
Ingress of Water	NEMA 250 - 6P, Rain, Snow, etc...
Ingress of Water	NEMA 250 - 6P, Submersion
Salt Spray and Corrosion	NEMA 250 - 6P
Ingress of Foreign Objects	NEMA 250 - 6P
Electrical Reliability	NEMA TS 4

Note: Applicable sections only of reference standards. All specifications are subject to change without notice.

Product Ordering Information

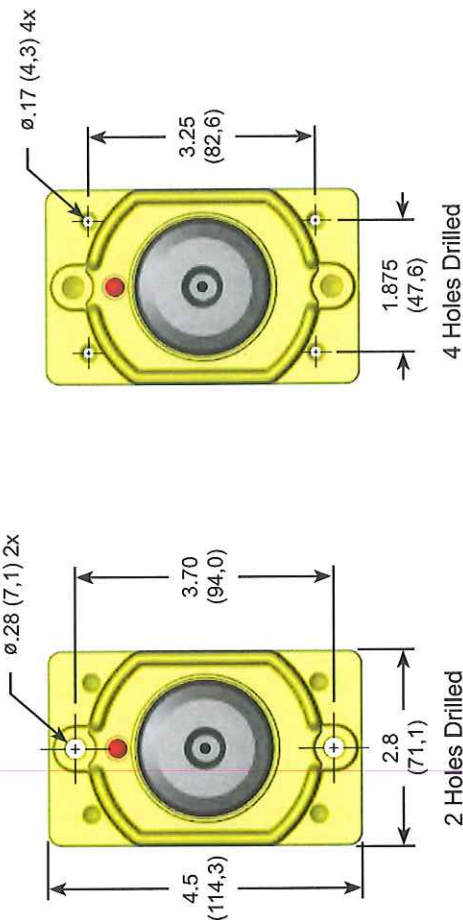


Button Styles



Mounting Hole Options

(Rectangular Body Only)



Addendum #1

December 12, 2022

Revised Plan Sheets

GENERAL NOTES

1. ADJUST UTILITY VALVE COVERS, UTILITY BOXES, TRAFFIC SIGNAL BOXES, ETC. TO FINISH GRADE. PAVEMENT SHALL BE INCLUDED IN ADJACENT CONSTRUCTION.
2. ALL SURVEY CENTERLINE TIES AND MONUMENTS THAT ARE DAMAGED OR REMOVED SHALL BE RE-ESTABLISHED. THE SURVEYOR SHALL ALSO ESTABLISH CENTER LINE MONUMENTS AND TIES AT ALL STREET INTERSECTIONS WITHIN THE PROJECT LIMITS WHERE NONE EXISTED PRIOR TO CONSTRUCTION. SEE TECHNICAL PROVISIONS.
3. PROVIDE TRAFFIC CONTROL PER TECHNICAL PROVISIONS.
4. ALL STREETS ARE DRAWN WITH BREAK LINES FOR DRAWING PURPOSES. BIDS SHALL BE BASED ON STATIONING AND FIELD VERIFICATION.
5. 24 HOUR NOTICE FOR ALL INSPECTIONS REQUIRED.
6. CATCH BASINS ARE DRAWN FOR CLARITY.
7. CONTRACTORS SHALL REMOVE AND DISPOSE OF ALL TRASH AND BROKEN BRANCHES BEFORE AND AFTER PAVING.
8. PRIOR TO CUTTING OF ANY ROOTS, CALL PARKS DIVISION AT (310) 217-9564 FOR APPROVAL.

GENERAL STRIPING NOTES

1. ALL CROSSWALKS, ARROWS, STOP BARS, AND LEGENDS SHALL BE THERMOPLASTIC MATERIAL .
2. RAISED PAVEMENT MARKERS SHALL BE CEMENTED TO THE PAVEMENT WITH HOT MELT BITUMINOUS ADHESIVE.
3. FURNISH AND INSTALL TEMPORARY MARKERS IMMEDIATELY AFTER PAVING, SPACED AT 25ft MAXIMUM.
4. REMOVE ALL EXISTING PAVEMENT MARKINGS BY WET SANDBLASTING (CROSSWALKS, STOP LEGENDS, ETC.). EXISTING PAVEMENT MARKINGS AND STRIPING TO BE REMOVED ARE NOT SHOWN ON THE PLAN. FIELD VERIFY LOCATIONS.
5. REMOVED AND DISPOSE OF ALL EXISTING RAISED PAVEMENT MARKERS WITHIN THE PROJECT LIMITS. PAYMENT SHALL BE INCLUDED IN BID ITEM PRICE FOR FURNISH AND INSTALL PAVEMENT MARKERS.
6. INSTALL DOUBLED SIDED RAISED PAVEMENT MARKERS FOR ALL FIRE HYDRANTS.

UTILITY COMPANY CONTACTS

COMPANY	CONTRACT PERSON	TELEPHONE NO.
AT&T - DISTRBUTION	RAYMOND DOVE 100 W. ALONDRA BLVD, BLDG A, RM 202 GARDENA, CA 90248	310-515-4257
AT&T - LONG DISTANCE	JOSEPH FORKERT 22311 BROOKHURST ST #203 HUNTINGTON BEACH, CA 92646	714-963-7964
AT&T - TCA	MARIA GUZMAN 420 S. GRAND AVE, RM 707 LOS ANGELES, CA 90054	213-787-9996
CHEVRON PIPELINE COMPANY	DAVE ZERLER 2600 HOMESTEAD PL RANCHO DOMINGUEZ, CA 90220	310-669-4014
CROWN CASTLE	FIBER DIG	888-632-0931
GOLDEN STATE WATER COMPANY	JOSEPH ZHAO 14835 S. SPRING ST GARDENA, CA 90248	310-767-8200
LEVEL 3 COMMUNICATIONS	CALEB KING	918-547-0007
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT	DARYLL CHENOWETH 900 S. FREMONT AVE 8TH FLOOR ALHAMBRA, CA 91803	626-458-3709
LOS ANGELES COUNTY SANITATION DISTRICT	JON GNAZ P.O. BOX 4998 WHITTIER, CA 90607	562-908-4288
LOS ANGELES DEPARTMENT OF WATER AND POWER	JOSE PORRAS P.O. BOX 51111, RM 1425 LOS ANGELES, CA 90051	213-367-1049
M POWER COMMUNICATIONS	MARK DENNING	949-864-0296
METROPOLITAN WATER DISTRICT P.O.	CIVIL ENGINEER SUBSTRUCTURES SECTION BOX 54153 LOS ANGELES, CA 90054	213-217-7663
SOUTHERN CALIFORNIA EDISON - DISTRIBUTION	JOHN LE 505 MAPLE AVE TORRANCE, CA 90503	714-514-5654
SOUTHERN CALIFORNIA GAS	JOEL CANIZALEZ 701 N. BULLIS RD COMPTON, CA 90221	818-701-3448
VCI CONSTRUCTION	MELISSA CULMER	909-276-1279
WEST BASIN MUNICIPAL WATER DISTRICT	FRANK FUCHS 17140 S AVALON BLVD #210 CARSON, CA 90746	310-660-6255
ZAYO	GEORGE HUSS	443-403-2023

LEGEND

- R&R SIDEWALK
- R&R ALLEY APPROACH
- PAVEMENT COLD MILLING (3" DEPTH) WITH 3" AC LEVELING COURSE
- PAVEMENT COLD MILLING (VARIABLE DEPTH)
- AC DEEPLIFT SLOT PAVE
- R&R DRIVEWAY
- PROPOSED ACCESS RAMP
- TRUNCATED DOMES
- GB — GRADE BREAK

DIGALERT

DIAL BEFORE YOU DIG TWO WORKING DAYS BEFORE YOU DIG 811 OR TOLL FREE 1-800-422-4133

Underground Service Alert of Southern California

CITY OF GARDENA

HALLDALE AVENUE STREET IMPROVEMENTS FROM 135TH ST. TO EL SEGUNDO BLVD.

BUDLONG AVENUE STREET IMPROVEMENTS FROM REDONDO BEACH BLVD. TO EL SEGUNDO BLVD.

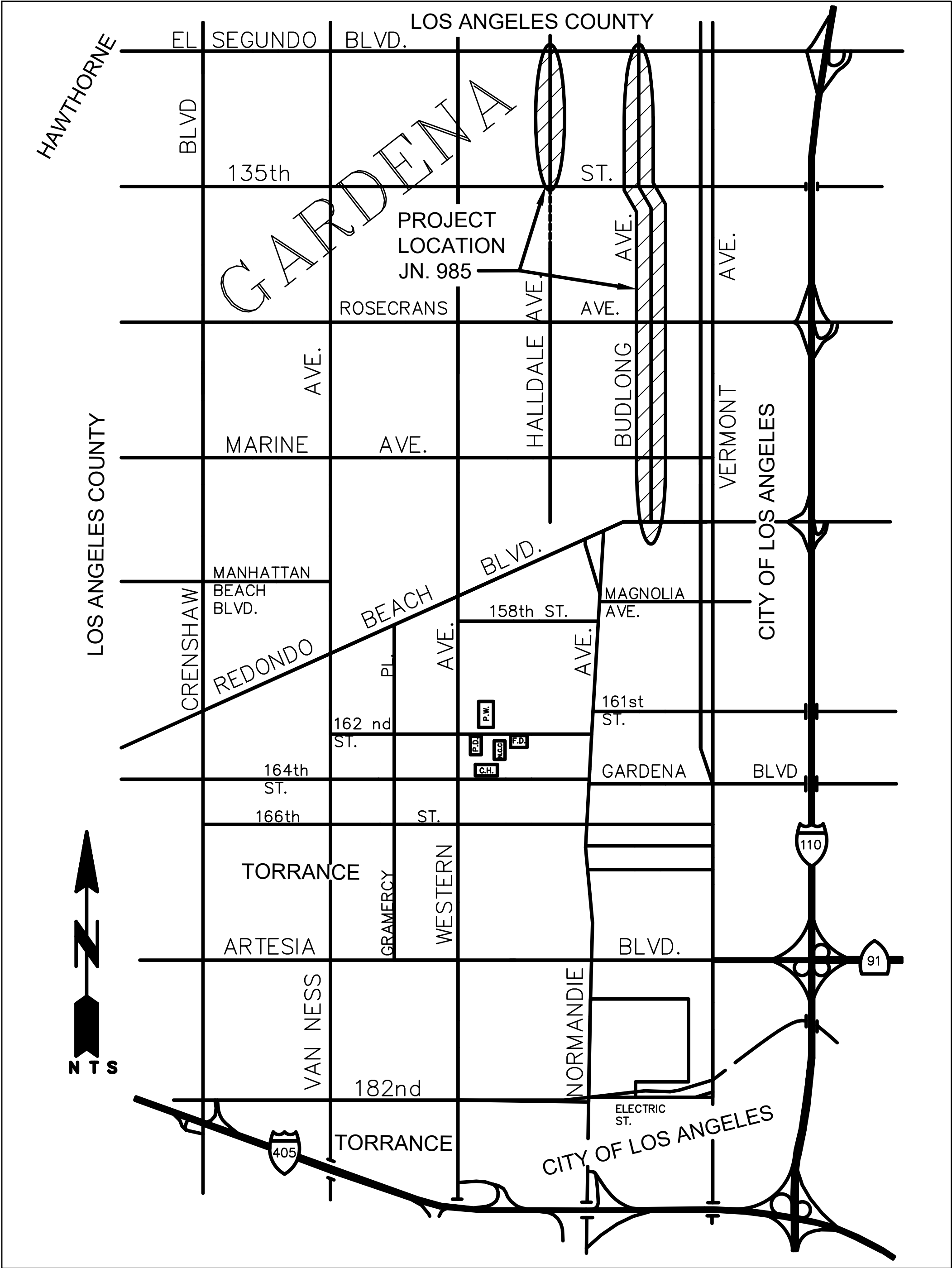
PROJECT NO. JN 985

SHEET INDEX

SHEET #	DESCRIPTION
1 OF 13	TITLE SHEET
2 OF 13	TYPICAL SECTIONS
3 OF 13	CONSTRUCTION DETAILS
4 OF 13	STREET PLAN - HALLDALE AVE (FROM 135TH ST TO EL SEGUNDO BLVD)
5 OF 13	STREET PLAN - BUDLONG AVE (FROM REDONDO BEACH BLVD TO STA 37+00)
6 OF 13	STREET PLAN - BUDLONG AVE (FROM STA 37+00 TO STA 63+00)
7 OF 13	STREET PLAN - BUDLONG AVE (FROM STA 63+00 TO STA 89+00)
8 OF 13	STREET PLAN - BUDLONG AVE (FROM STA 89+00 TO EL SEGUNDO BLVD)
9 OF 13	STRIPING PLAN - HALLDALE AVE (FROM 135TH ST TO EL SEGUNDO BLVD)
10 OF 13	STRIPING PLAN - BUDLONG AVE (FROM REDONDO BEACH BLVD TO STA 37+00)
11 OF 13	STRIPING PLAN - BUDLONG AVE (FROM STA 37+00 TO STA 63+00)
12 OF 13	STRIPING PLAN - BUDLONG AVE (FROM STA 63+00 TO STA 89+00)
13 OF 13	STRIPING PLAN - BUDLONG AVE (FROM STA 89+00 TO EL SEGUNDO BLVD)

ABBREVIATIONS

A.C./AC	ASPHALT CONCRETE
ARHM	ASPHALT HOT READY MIX
AVE	AVENUE
BLVD	BOULEVARD
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BW	BACK OF SIDEWALK
CB	CATCH BASIN
CF	CURB FACE
C	CENTERLINE
C&G	CURB AND GUTTER
COF	CITY OF FULLERTON
DR	DRIVE
D/S	DOWNSTREAM
E/O	EAST OF
EAVEA.	EACH
EG	EDGE OF GUTTER
ELEC	ELECTRICAL
EX/EX.	EXISTING
FS	FINISHED SURFACE
HP	HIGH POINT
INV	INVERT
LF/L.F.	LINEAR FEET, LINEAL FEET
LP	LOW POINT
LS/L.S.	LUMP SUM
LT	LEFT
MH/M.H.	MANHOLE
NAVD	NORTH AMERICAN VERTICAL DATUM
NW	NORTHWEST
O.C.	ON CENTER
P	PROTECT
PCC	PORTLAND CEMENT CONCRETE
PKWY	PARKWAY
PL	PLACED
P	PROPERTY LINE
PROP	PROPOSED
PUD	PUBLIC UTILITIES DEPARTMENT
RSP	REVISED STANDARD PLAN
RT	RIGHT
R/W	RIGHT-OF-WAY
S =	SLOPE EQUALS
S/O	SOUTH OF
SCH	SCHEDULE
SD	STORM DRAIN
SF	SQUARE FEET
SLY	SOUTHERLY
SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD/STD.	STANDARD
SW	SOUTHWEST
TYP.	TYPICAL
U/S	UPSTREAM
VAR	VARIES
VL	VAULT
WV	WATER VALVE



PROJECT LOCATION MAP

CONSTRUCTION NOTES

1. CONSTRUCT VARIABLE DEPTH EDGE MILL PER DETAIL B ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS.
2. REMOVE AND RECONSTRUCT COMMERCIAL SIDEWALK PER CITY OF GARDENA STD. DWG. ST-5B. RECONSTRUCTION LIMITS SHALL BE TO THE NEAREST SCOREMARK OR JOINT.
3. REMOVE AND RECONSTRUCT ACCESS RAMP PER CITY OF GARDENA STD. DWG. ST-18. RECONSTRUCT ADJOINING CONCRETE CURB, GUTTER AND SIDEWALK AS REQUIRED.
4. RETROFIT EXISTING RAMP WITH PLASTIC BOLT DOWN TRUNCATED DOMES.
5. CONSTRUCT VARIABLE DEPTH HEADER CUT PER DETAIL A ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS.
6. COLD MILL EXISTING PAVEMENT TO A DEPTH OF 2". REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACKS SEAL PER THE TECHNICAL SPECIFICATIONS. CONSTRUCT 2" AC BASE COURSE (C2-PG64-10).
7. FURNISH AND PLACE 1-3/4" ARHM OVERLAY ARHM-GG-C (C2-PG64-16).
8. RECONSTRUCT TRAFFIC LOOP DETECTION PER CITY OF GARDENA STD. DWG. ST-24.
9. ADJUST MANHOLE TO GRADE PER CITY OF GARDENA STD. DWG. ST-9.
10. ADJUST WATER VALVE TO GRADE.
11. FURNISH AND PLACE TYPE 2 SLURRY SEAL.
12. REMOVE AND RECONSTRUCT VARIABLE HEIGHT CURB AND GUTTER, TYPE C-2, PER CITY OF GARDENA STD. DWG. ST-7 AND TO LIMITS SHOWN ON PLAN. STRAIGHT GRADE TC AND FLOWLINE BETWEEN JOIN POINTS.
13. SAWCUT AND REMOVE ROADWAY STRUCTURAL SECTION TO A DEPTH OF 6" AND FURNISH AND PLACE 6" AC DEEPLIFT (C2-PG64-10) SLOT PAVE.
14. REMOVE AND RECONSTRUCT COMMERCIAL DRIVEWAY PER CITY OF GARDENA STD. DWG. ST-1.
15. REMOVE AND RECONSTRUCT RESIDENTIAL DRIVEWAY PER CITY OF GARDENA STD. DWG. ST-2.
16. REMOVE AND RECONSTRUCT RESIDENTIAL SIDEWALK PER CITY OF GARDENA STD. DWG. ST-5A. RECONSTRUCTION LIMITS SHALL BE TO THE NEAREST SCOREMARK OR JOINT.
17. REMOVE AND RECONSTRUCT ALLEY APPROACH PER SPPWC STD. PLAN NO. 130-3 AND DETAIL D ON SHEET 3.
18. FURNISH AND INSTALL 24 VOLT DIMENSIONS BATTERY BACKUP SYSTEM (BBS) FOR USE WITH TYPE 332 SYSTEM OR EQUAL PER TECHNICAL PROVISION SECTION 46. INSTALL PER MANUFACTURER RECOMMENDATION. BBS SHALL BE STANDALONE AND PEDESTAL / FOOTING SHALL MATCH THE HEIGHT OF THE ADJACENT TRAFFIC SIGNAL CABINET.
19. ADJUST GAS VALVE TO GRADE (BY OTHERS).
20. REMOVE EXISTING TREE AND TREE STUMP.
21. PREPARE LOCATION, AND FURNISH AND PLANT NEW 24" BOX WATER GUM TREE (TRISTANIOPSIS LAURINA).
22. CONSTRUCT VARIABLE DEPTH COLD MILL PER DETAIL C ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS. CONSTRUCT 2" AC BASE COURSE (C2-PG64-10).
23. REMOVE EXISTING PEDESTRIAN PUSH BUTTON AND INSTALL POLARA BULLDOG II (BDL-3) PUSH BUTTON PER MANUFACTURER'S SPECIFICATION OR APPROVED EQUAL. BUTTON SHALL BE MOUNTED AT 3'-6" ABOVE FINISHED GRADE.

STRIPING NOTES

1. CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 2 CALTRANS STD. PLAN A20A.
2. CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 22 CALTRANS STD. PLAN A20A.
3. CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 38 CALTRANS STD. PLAN A20D.
4. PAINT YELLOW CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.
5. CONSTRUCT TYPE IV THERMOPLASTIC ARROW (L OR R PER PLAN) PAVEMENT MARKING PER CALTRANS STD. A24A.
6. CONSTRUCT "STOP" PAVEMENT MARKING PER CALTRANS STD. A24A.
7. PAINT 12" WHITE LIMIT LINE. PAINT TEMPORARY LIMIT LINE IMMEDIATELY AFTER PAVING.
8. PAINT PAVEMENT LEGEND INDICATOR PER CALTRANS STD. PLAN A24A THRU A24E.
9. PAINT 4" SOLID WHITE LINE.
10. PAINT WHITE CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.

TITLE SHEET



PLAN PREPARED BY:
Kreuzer Consulting Group
320 MAIN STREET
UNIT D
SEAL BEACH, CA 90740
714-656-0160
RICK KREUZER
R.C.E. No. 42407
DATE 11/9/22



NO.	REVISIONS	DATE	BY	APP.
1	BID ADDENDUM #1	12/12/22	RK	

DEPARTMENT OF PUBLIC WORKS		ENGINEERING DIVISION	
PROJECT: HALLDALE AVENUE STREET IMPROVEMENTS		BUDLONG AVENUE STREET IMPROVEMENTS	
LIMITS: 135TH ST TO EL SEGUNDO BLVD		REDONDO BEACH BLVD TO EL SEGUNDO BLVD	
F. B. REF.		APPROVED BY:	
DESIGNED BY		PUBLIC WORKS ENGINEERING DIVISION	
DRAWN BY		DATE	
CHECKED BY		SHT. 1 OF 13 DWG. NO. 8 - 1068	

CHECKED BY		SHT. <u>9</u> OF <u>15</u>	NO. <u>9-1000</u>
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MATCH LINE STA 37+00 SEE SHEET 5

MATCH LINE STA 50+00 SEE ABOVE RIGHT

MATCH LINE STA 50+00 BELOW LEFT

MATCH LINE STA 63+00 SEE SHEET 7

CONSTRUCTION NOTES

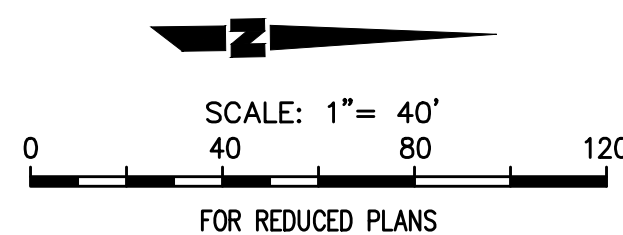
1. CONSTRUCT VARIABLE DEPTH EDGE MILL PER DETAIL B ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS.
2. REMOVE AND RECONSTRUCT COMMERCIAL SIDEWALK PER CITY OF GARDENA STD. DWG. ST-5B. RECONSTRUCTION LIMITS SHALL BE TO THE NEAREST SCOREMARK OR JOINT.
3. REMOVE AND RECONSTRUCT ACCESS RAMP PER CITY OF GARDENA STD. DWG. ST-18. RECONSTRUCT ADJOINING CONCRETE CURB, GUTTER AND SIDEWALK AS REQUIRED.
4. RETROFIT EXISTING RAMP WITH PLASTIC BOLT DOWN TRUNCATED DOMES.
5. CONSTRUCT VARIABLE DEPTH HEADER CUT PER DETAIL A ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS.
6. COLD MILL EXISTING PAVEMENT TO A DEPTH OF 2". REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACKS SEAL PER THE TECHNICAL SPECIFICATIONS. CONSTRUCT 2" AC BASE COURSE (C2-PG64-10).
7. FURNISH AND PLACE 1-3/4" ARHM OVERLAY ARHM-GG-C (C2-PG64-16).
8. RECONSTRUCT TRAFFIC LOOP DETECTION PER CITY OF GARDENA STD. DWG. ST-24.
9. ADJUST MANHOLE TO GRADE PER CITY OF GARDENA STD. DWG. ST-9.
10. ADJUST WATER VALVE TO GRADE.
11. FURNISH AND PLACE TYPE 2 SLURRY SEAL.
12. REMOVE AND RECONSTRUCT VARIABLE HEIGHT CURB AND GUTTER, TYPE C-2, PER CITY OF GARDENA STD. DWG. ST-7 AND TO LIMITS SHOWN ON PLAN. STRAIGHT GRADE TC AND FLOWLINE BETWEEN JOIN POINTS.
13. SAWCUT AND REMOVE ROADWAY STRUCTURAL SECTION TO A DEPTH OF 6" AND FURNISH AND PLACE 6" AC DEEPLIFT (C2-PG64-10) SLOT PAVE.
14. REMOVE AND RECONSTRUCT COMMERCIAL DRIVEWAY PER CITY OF GARDENA STD. DWG. ST-1.
15. REMOVE AND RECONSTRUCT RESIDENTIAL DRIVEWAY PER CITY OF GARDENA STD. DWG. ST-2.
16. REMOVE AND RECONSTRUCT RESIDENTIAL SIDEWALK PER CITY OF GARDENA STD. DWG. ST-5A. RECONSTRUCTION LIMITS SHALL BE TO THE NEAREST SCOREMARK OR JOINT.
17. REMOVE AND RECONSTRUCT ALLEY APPROACH PER SPPWC STD. PLAN NO. 130-3 AND DETAIL D ON SHEET 3.
18. FURNISH AND INSTALL 24 VOLT DIMENSIONS BATTERY BACKUP SYSTEM (BBS) FOR USE WITH TYPE 332 SYSTEM OR EQUAL PER TECHNICAL PROVISION SECTION 46, INSTALL PER MANUFACTURER RECOMMENDATION. BBS SHALL BE STANDALONE AND PEDESTAL / FOOTING SHALL MATCH THE HEIGHT OF THE ADJACENT TRAFFIC SIGNAL CABINET.
19. ADJUST GAS VALVE TO GRADE (BY OTHERS).
20. REMOVE EXISTING TREE AND TREE STUMP.
21. PREPARE LOCATION, AND FURNISH AND PLANT NEW 24" BOX WATER GUM TREE (TRISTANIOPSIS LAURINA).
22. CONSTRUCT VARIABLE DEPTH COLD MILL PER DETAIL C ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS. CONSTRUCT 2" AC BASE COURSE (C2-PG64-10).
23. REMOVE EXISTING PEDESTRIAN PUSH BUTTON AND INSTALL POLARA BULLDOG III (BDL-3) PUSH BUTTON PER MANUFACTURER'S SPECIFICATION OR APPROVED EQUAL. BUTTON SHALL BE MOUNTED AT 3'-6" ABOVE FINISHED GRADE.

LEGEND

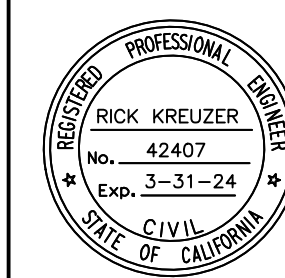
- R&R SIDEWALK
- PAVEMENT COLD MILLING (2" DEPTH)
- PAVEMENT COLD MILLING (VARIABLE DEPTH 0" TO 1 3/4")
- PAVEMENT COLD MILLING (VARIABLE DEPTH 2" TO 3 3/4")
- AC DEEPLIFT SLOT PAVE
- R&R DRIVEWAY
- PROPOSED ACCESS RAMP
- TRUNCATED DOMES
- GB GRADE BREAK

STREET IMPROVEMENT PLAN STA 37+00 TO STA 63+00

CITY OF GARDENA DEPARTMENT OF PUBLIC WORKS PROJECT: BUDLONG AVENUE STREET IMPROVEMENTS					ENGINEERING DIVISION	
LIMITS: REDONDO BEACH BOULEVARD TO EL SEGUNDO BOULEVARD					F. B. REF.	APPROVED BY:
DESIGNED BY					DRAWN BY	PUBLIC WORKS ENGINEERING DIVISION
CHECKED BY					DATE	DATE
SHT. 6 OF 13					DWG. NO.	8 - 1068

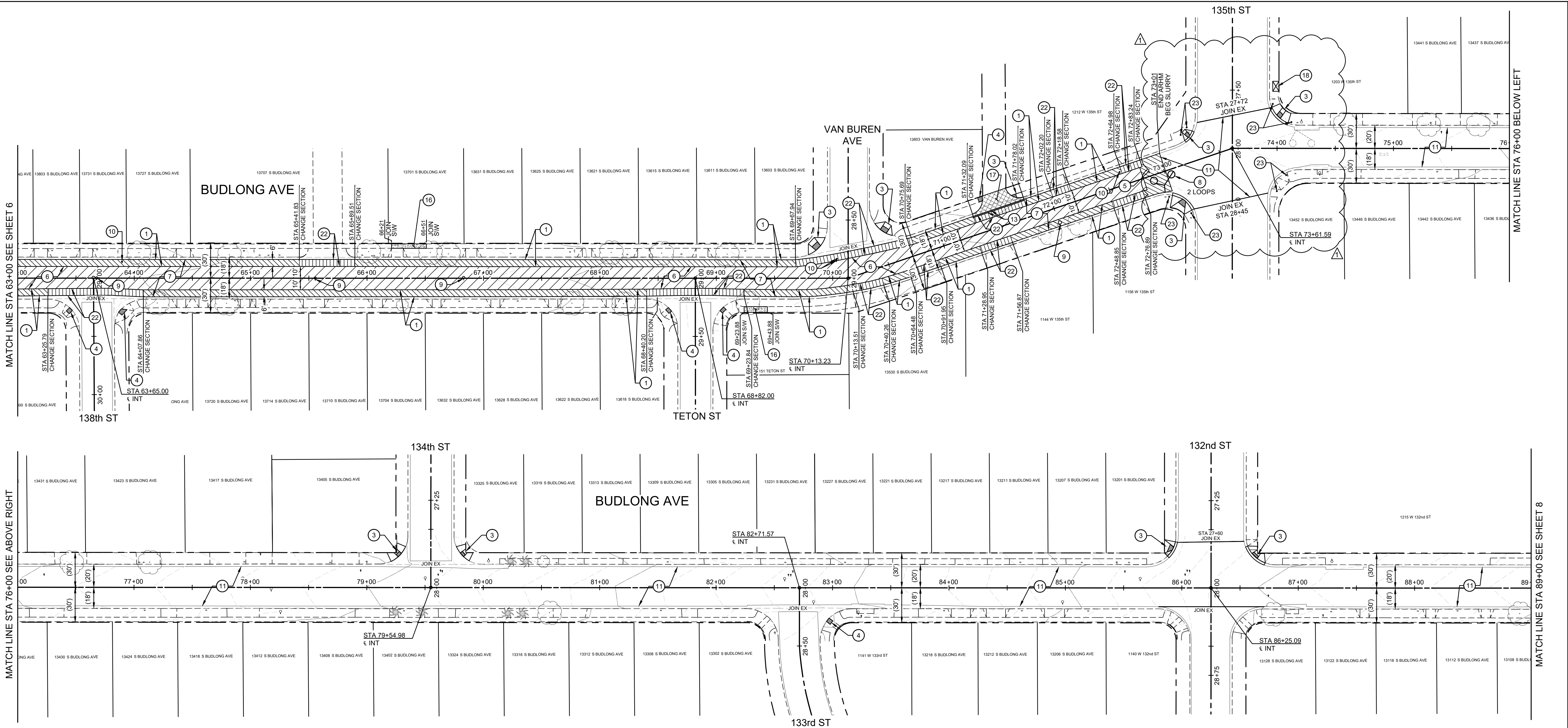


PLAN PREPARED BY:
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320 MAIN STREET
UNIT D
SEAL BEACH, CA 90740
714-656-0160
RICK KREUZER
R.C.E. No. 42407
DATE 11/9/22



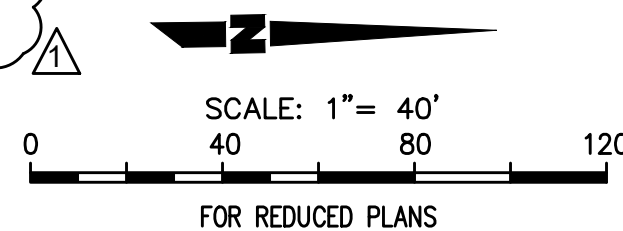
NO.	REVISIONS	DATE	BY	APP.
1	BID ADDENDUM #1	12/12/22	RK	

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CONSTRUCTION NOTES

- 1 CONSTRUCT VARIABLE DEPTH EDGE MILL PER DETAIL B ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS.
- 2 REMOVE AND RECONSTRUCT COMMERCIAL SIDEWALK PER CITY OF GARDENA STD. DWG. ST-5B. RECONSTRUCTION LIMITS SHALL BE TO THE NEAREST SCOREMARK OR JOINT.
- 3 REMOVE AND RECONSTRUCT ACCESS RAMP PER CITY OF GARDENA STD. DWG. ST-18. RECONSTRUCT ADJOINING CONCRETE CURB, GUTTER AND SIDEWALK AS REQUIRED.
- 4 RETROFIT EXISTING RAMP WITH PLASTIC BOLT DOWN TRUNCATED DOMES.
- 5 CONSTRUCT VARIABLE DEPTH HEADER CUT PER DETAIL A ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS.
- 6 COLD MILL EXISTING PAVEMENT TO A DEPTH OF 2". REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACKS SEAL PER THE TECHNICAL SPECIFICATIONS. CONSTRUCT 2" AC BASE COURSE (C2-PG64-10).
- 7 FURNISH AND PLACE 1-3/4" ARHM OVERLAY ARHM-GG-C (C2-PG64-16).
- 8 RECONSTRUCT TRAFFIC LOOP DETECTION PER CITY OF GARDENA STD. DWG. ST-24.
- 9 ADJUST MANHOLE TO GRADE PER CITY OF GARDENA STD. DWG. ST-9.
- 10 ADJUST WATER VALVE TO GRADE.
- 11 FURNISH AND PLACE TYPE 2 SLURRY SEAL.
- 12 REMOVE AND RECONSTRUCT VARIABLE HEIGHT CURB AND GUTTER, TYPE C-2. PER CITY OF GARDENA STD. DWG. ST-7 AND TO LIMITS SHOWN ON PLAN. STRAIGHT GRADE TC AND FLOWLINE BETWEEN JOIN POINTS.
- 13 SAWCUT AND REMOVE ROADWAY STRUCTURAL SECTION TO A DEPTH OF 6" AND FURNISH AND PLACE 6" AC DEEPLIFT (C2-PG64-10) SLOT PAVE.
- 14 REMOVE AND RECONSTRUCT COMMERCIAL DRIVEWAY PER CITY OF GARDENA STD. DWG. ST-1.
- 15 REMOVE AND RECONSTRUCT RESIDENTIAL DRIVEWAY PER CITY OF GARDENA STD. DWG. ST-2.
- 16 REMOVE AND RECONSTRUCT RESIDENTIAL SIDEWALK PER CITY OF GARDENA STD. DWG. ST-5A. RECONSTRUCTION LIMITS SHALL BE TO THE NEAREST SCOREMARK OR JOINT.
- 17 REMOVE AND RECONSTRUCT ALLEY APPROACH PER SPPWC STD. PLAN NO. 130-3 AND DETAIL D ON SHEET 3.
- 18 FURNISH AND INSTALL 24 VOLT DIMENSIONS BATTERY BACKUP SYSTEM (BBS) FOR USE WITH TYPE 332 SYSTEM OR EQUAL PER TECHNICAL PROVISION SECTION 46, INSTALL PER MANUFACTURER RECOMMENDATION. BBS SHALL BE STANDALONE AND PEDESTAL / FOOTING SHALL MATCH THE HEIGHT OF THE ADJACENT TRAFFIC SIGNAL CABINET.
- 19 ADJUST GAS VALVE TO GRADE (BY OTHERS).
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- 22 CONSTRUCT VARIABLE DEPTH COLD MILL PER DETAIL C ON SHEET 3. REPAIR ALL HOLES, SPALLS AND JOINTS AND CRACK SEAL PER THE TECHNICAL SPECIFICATIONS. CONSTRUCT 2" AC BASE COURSE (C2-PG64-10).
- 23 REMOVE EXISTING PEDESTRIAN PUSH BUTTON AND INSTALL POLARA BULLDOG III (BDL-3) PUSH BUTTON PER MANUFACTURER'S SPECIFICATION OR APPROVED EQUAL. BUTTON SHALL BE MOUNTED AT 3'-6" ABOVE FINISHED GRADE.



LEGEND

- R&R SIDEWALK
- PAVEMENT COLD MILLING (2" DEPTH)
- PAVEMENT COLD MILLING (VARIABLE DEPTH 0" TO 1 1/2")
- PAVEMENT COLD MILLING (VARIABLE DEPTH 2" TO 3 1/2")
- AC DEEPLIFT SLOT PAVE
- R&R DRIVEWAY
- PROPOSED ACCESS RAMP
- TRUNCATED DOMES
- GB GRADE BREAK

STREET IMPROVEMENT PLAN STA 63+00 TO STA 89+00

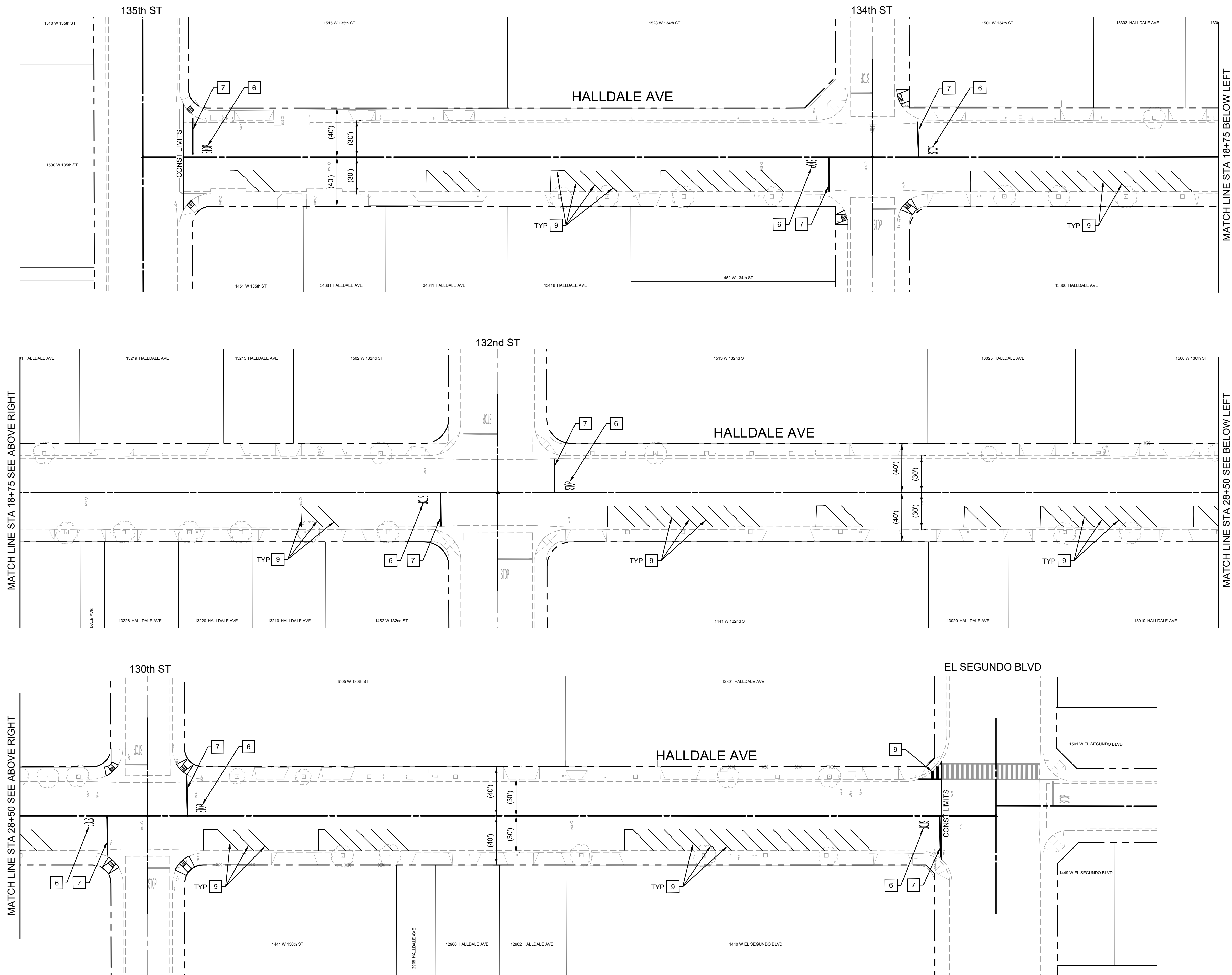


PLAN PREPARED BY:
Kreuzer Consulting Group
320 MAIN STREET
UNIT D
SEAL BEACH, CA 90740
714-656-0160
RICK KREUZER R.C.E. No. 42407 DATE 11/9/22

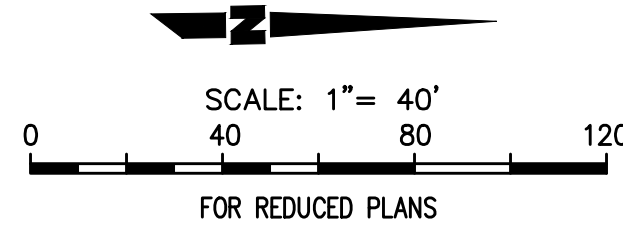


NO.	REVISIONS	DATE	BY	APP.	CITY OF GARDENA	
					DEPARTMENT OF PUBLIC WORKS	ENGINEERING DIVISION
1	BID ADDENDUM #1	12/12/22	RK		PROJECT: BUDLONG AVENUE STREET IMPROVEMENTS	
					LIMITS: REDONDO BEACH BOULEVARD TO EL SEGUNDO BOULEVARD	
					F. B. REF.	APPROVED BY:
					DESIGNED BY	PUBLIC WORKS ENGINEERING DIVISION
					DRAWN BY	DATE
					CHECKED BY	SHT. 7 OF 13 DWG. NO. 8 - 1068

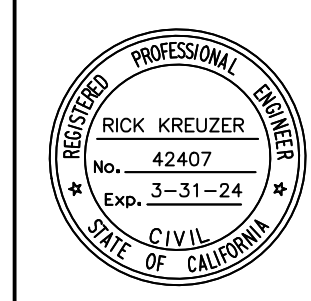
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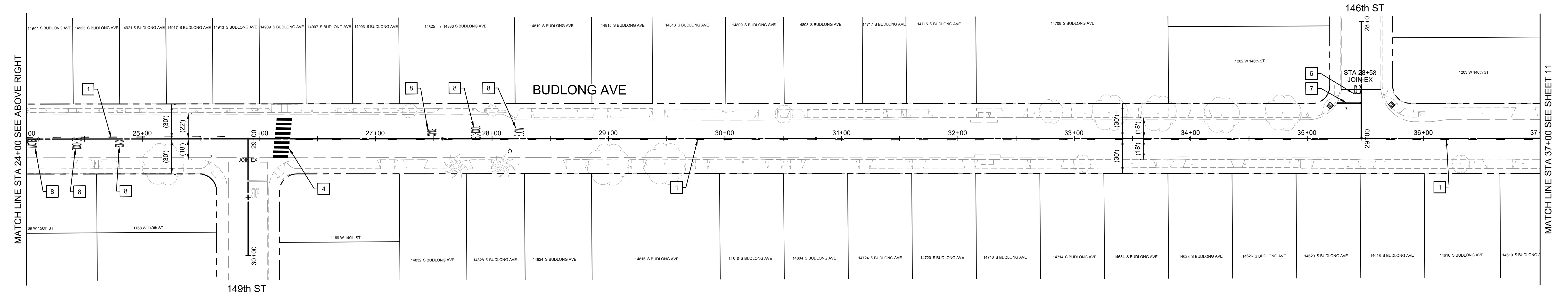
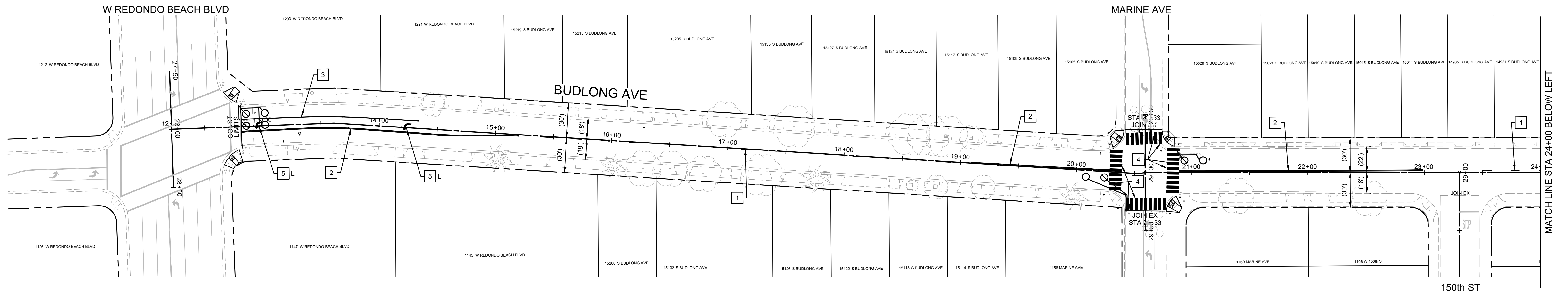
- ### STRIPING NOTES
- 1 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 2 CALTRANS STD. PLAN A20A.
 - 2 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 22 CALTRANS STD. PLAN A20A.
 - 3 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 38 CALTRANS STD. PLAN A20D.
 - 4 PAINT YELLOW CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.
 - 5 CONSTRUCT TYPE IV THERMOPLASTIC ARROW (L OR R PER PLAN) PAVEMENT MARKING PER CALTRANS STD. A24A.
 - 6 CONSTRUCT "STOP" PAVEMENT MARKING PER CALTRANS STD. A24A.
 - 7 PAINT 12" WHITE LIMIT LINE. PAINT TEMPORARY LIMIT LINE IMMEDIATELY AFTER PAVING.
 - 8 PAINT PAVEMENT LEGEND INDICATOR PER CALTRANS STD. PLAN A24A THRU A24E.
 - 9 PAINT 4" SOLID WHITE LINE.



PLAN PREPARED BY:
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320 MAIN STREET
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714-656-0160
RICK KREUZER
R.C.E. No. 42407
DATE 11/9/22

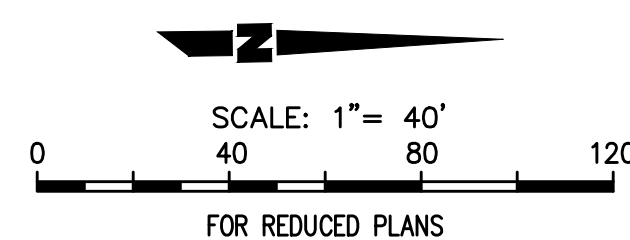


NO.	REVISIONS	DATE	BY	APP.	CITY OF GARDENA				
1	BID ADDENDUM #1	12/12/22	RK		DEPARTMENT OF PUBLIC WORKS			ENGINEERING DIVISION	
					PROJECT: HALLDALE AVENUE STREET IMPROVEMENTS				
					LIMITS: 135TH STREET TO EL SEGUNDO BOULEVARD				
					F. B. REF.			APPROVED BY:	
					DESIGNED BY				
					DRAWN BY			PUBLIC WORKS ENGINEERING DIVISION	
					CHECKED BY			DATE	
					DWG. NO.		9 13	8 - 1068	



STRIPING NOTES

- 1 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 2 CALTRANS STD. PLAN A20A.
- 2 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 22 CALTRANS STD. PLAN A20A.
- 3 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 38 CALTRANS STD. PLAN A20D.
- 4 PAINT YELLOW CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.
- 5 CONSTRUCT TYPE IV THERMOPLASTIC ARROW (L OR R PER PLAN) PAVEMENT MARKING PER CALTRANS STD. A24A.
- 6 CONSTRUCT "STOP" PAVEMENT MARKING PER CALTRANS STD. A24A.
- 7 PAINT 12" WHITE LIMIT LINE. PAINT TEMPORARY LIMIT LINE IMMEDIATELY AFTER PAVING.
- 8 PAINT PAVEMENT LEGEND INDICATOR PER CALTRANS STD. PLAN A24A THRU A24E.
- 9 PAINT 4" SOLID WHITE LINE.
- 10 PAINT WHITE CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.



PLAN PREPARED BY:

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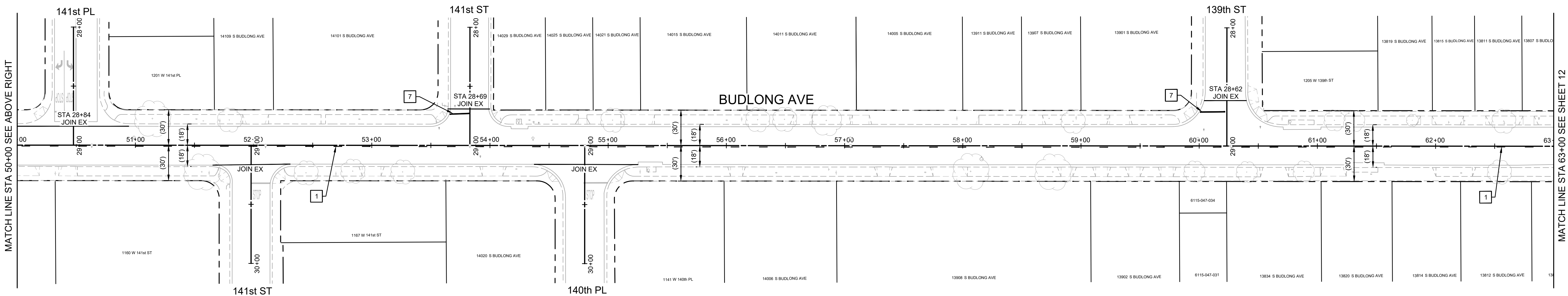
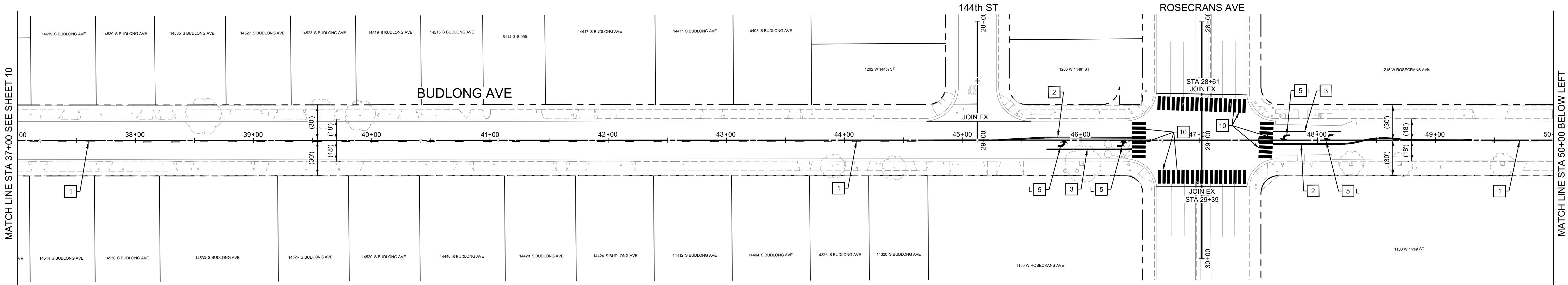
R.A. Kreuzer 11/9/22

RICK KREUZER R.C.E. No. 42407 DATE

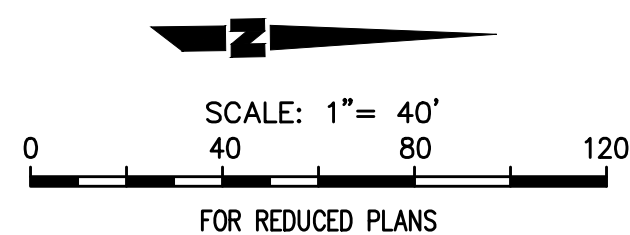


NO.	REVISIONS	DATE	BY	APP.	CITY OF GARDENA			
1	BID ADDENDUM #1	12/12/22	RK		DEPARTMENT OF PUBLIC WORKS		ENGINEERING DIVISION	
					PROJECT: BUDLONG AVENUE STREET IMPROVEMENTS			
					LIMITS: REDONDO BEACH BOULEVARD TO EL SEGUNDO BOULEVARD			
					F. B. REF.		APPROVED BY:	
					DESIGNED BY			
					DRAWN BY		PUBLIC WORKS ENGINEERING DIVISION	
					CHECKED BY		DATE	
					SHT. 10 OF 13		DWG. NO. 8 - 1068	

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- STRIPING NOTES**
- 1 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 2 CALTRANS STD. PLAN A20A.
 - 2 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 22 CALTRANS STD. PLAN A20A.
 - 3 CONSTRUCT THERMOPLASTIC STRIPE AND RAISED PAVEMENT MARKER PER DETAIL 38 CALTRANS STD. PLAN A20D.
 - 4 PAINT YELLOW CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.
 - 5 CONSTRUCT TYPE IV THERMOPLASTIC ARROW (L OR R PER PLAN) PAVEMENT MARKING PER CALTRANS STD. A24A.
 - 6 CONSTRUCT "STOP" PAVEMENT MARKING PER CALTRANS STD. A24A.
 - 7 PAINT 12" WHITE LIMIT LINE. PAINT TEMPORARY LIMIT LINE IMMEDIATELY AFTER PAVING.
 - 8 PAINT PAVEMENT LEGEND INDICATOR PER CALTRANS STD. PLAN A24A THRU A24E.
 - 9 PAINT 4" SOLID WHITE LINE.
 - 10 PAINT WHITE CONTINENTAL CROSSWALK (THERMOPLASTIC) PER CALTRANS STD. PLAN A24F.



PLAN PREPARED BY:
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320 MAIN STREET
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R.A. Kreuzer
RICK KREUZER R.C.E. No. 42407 DATE



NO.					REVISIONS				DATE	BY	APP.	STRIPING PLAN STA 37+00 TO STA 63+00			
1	BID ADDENDUM #1	12/12/22	RK									CITY OF GARDENA DEPARTMENT OF PUBLIC WORKS PROJECT: BUDLONG AVENUE STREET IMPROVEMENTS			
												LIMITS: REDONDO BEACH BOULEVARD TO EL SEGUNDO BOULEVARD			
												F. B. REF.			
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												DATE			
												SHT. 11 OF 13			
												DWG. NO. 8 - 1068			

