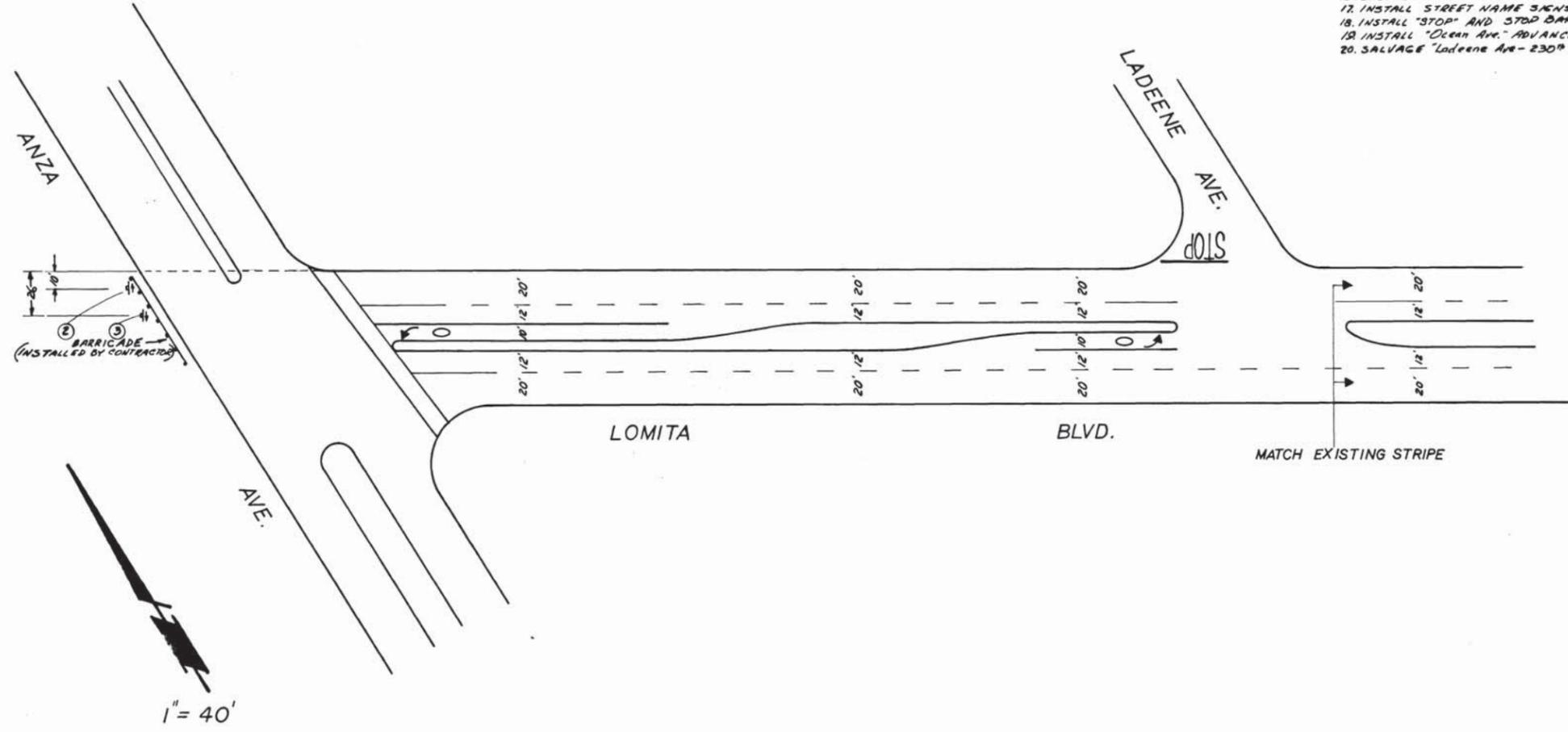
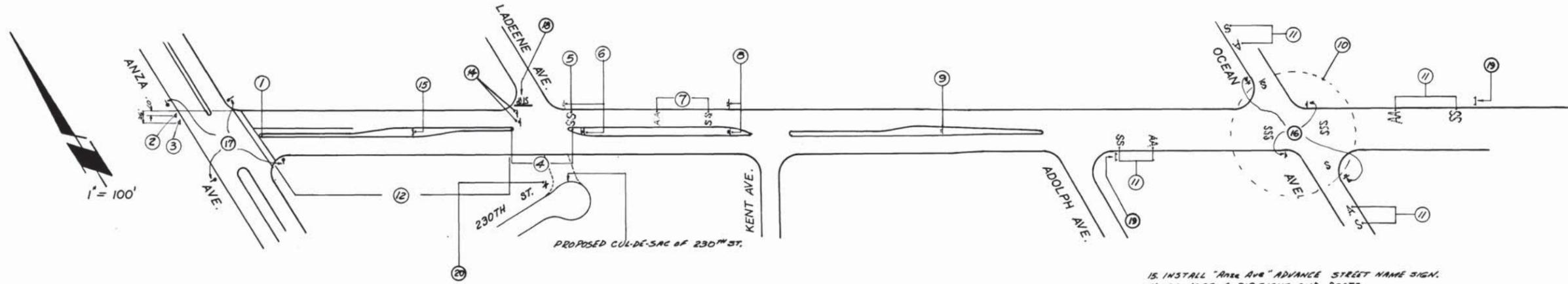


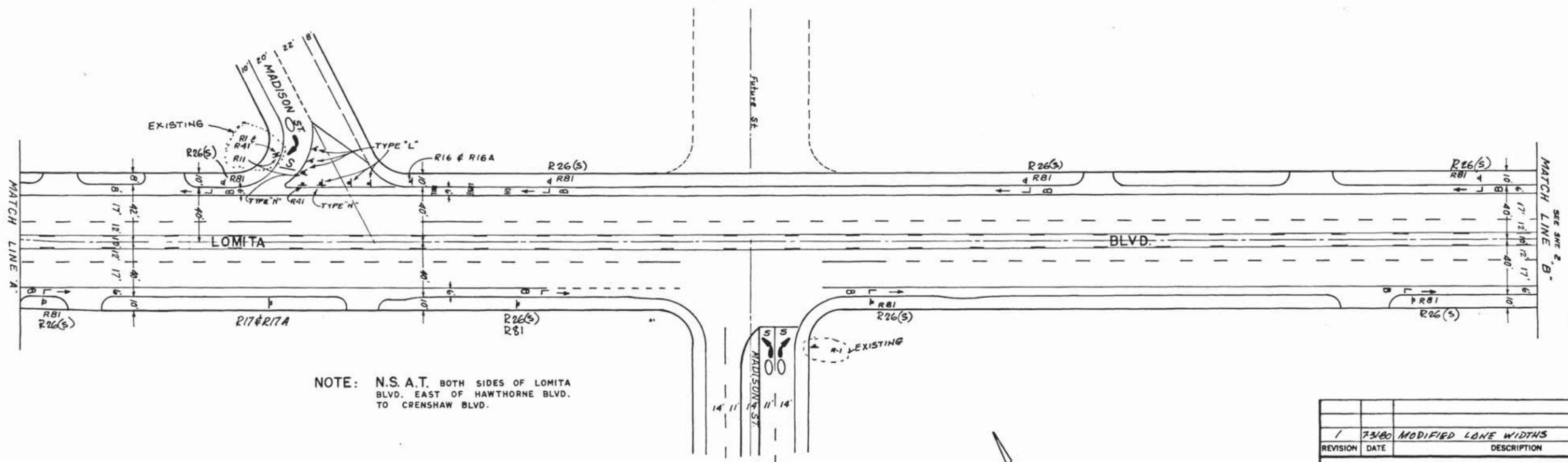
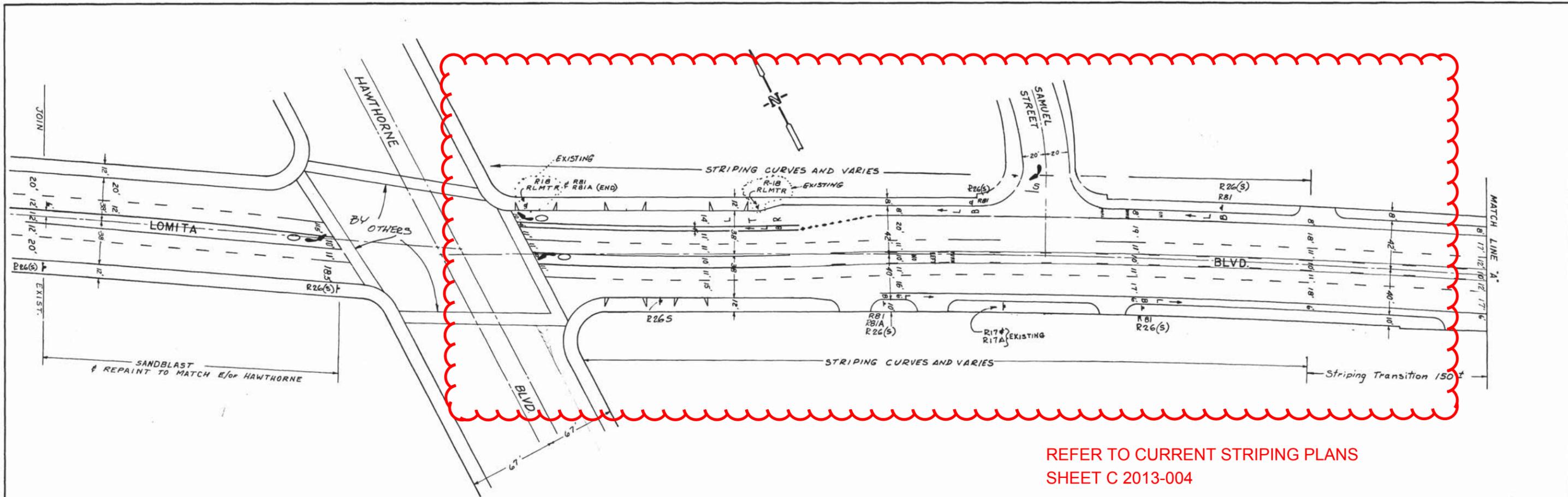
NOTES

1. INSTALL RTR SIGN. (USE SIGN TO BE REMOVED IN NOTE NO. 6)
2. INSTALL W2R # W57R (RT) AS SHOWN. (REFER TO NOTE 14.)
3. INSTALL W2L # W57L (LT) AS SHOWN. (REFER TO NOTE 14.)
4. INSTALL W6R SIGNS.
5. SANDBLAST "STOP" MARKINGS.
6. REMOVE & SALVAGE RTR SIGNS & RTR SIGN. ALLOW POST TO REMAIN AT CURBSIDE LOCATION.
7. SANDBLAST "STOP AHEAD" PAVEMENT MARKINGS.
8. REMOVE & SALVAGE W1R SIGNS.
9. REMOVE & SALVAGE "ROAD ENDS 500 FT." SIGN.
10. SANDBLAST ALL "STOP" MARKINGS AT THE INTERSECTION ON ALL FOUR LEGS.
11. SANDBLAST "STOP AHEAD" PAVEMENT MARKINGS.
12. INSTALL EAST CROSSWALK AT ANZA AVE. AND STRIPING BETWEEN ANZA AVE & LADEENE AVE IN THERMOPLASTIC AS SHOWN ON 40 SCALE SKETCH BELOW.
13. SALVAGED MATERIAL SHALL BE DELIVERED TO CITY OF TORRANCE SIGNSHOP, 20466 MADRONA AVE, TORRANCE, CALIF.
14. REMOVE (2) W2R & (2) W57R SIGNS AND RELOCATE AS ORDERED IN NOTES 2 & 3

15. INSTALL "Anza Ave" ADVANCE STREET NAME SIGN.
16. SALVAGE 4 RTR SIGNS AND POSTS.
17. INSTALL STREET NAME SIGNS ON PROPOSED TRAFFIC SIGNAL STANDARDS PER SPECIFICATIONS.
18. INSTALL "STOP" AND "STOP BAR" IN THERMOPLASTIC.
19. INSTALL "Ocean Ave." ADVANCE STREET NAME SIGN.
20. SALVAGE "Ladeene Ave - 230th St" STREET NAME SIGN AND POST.

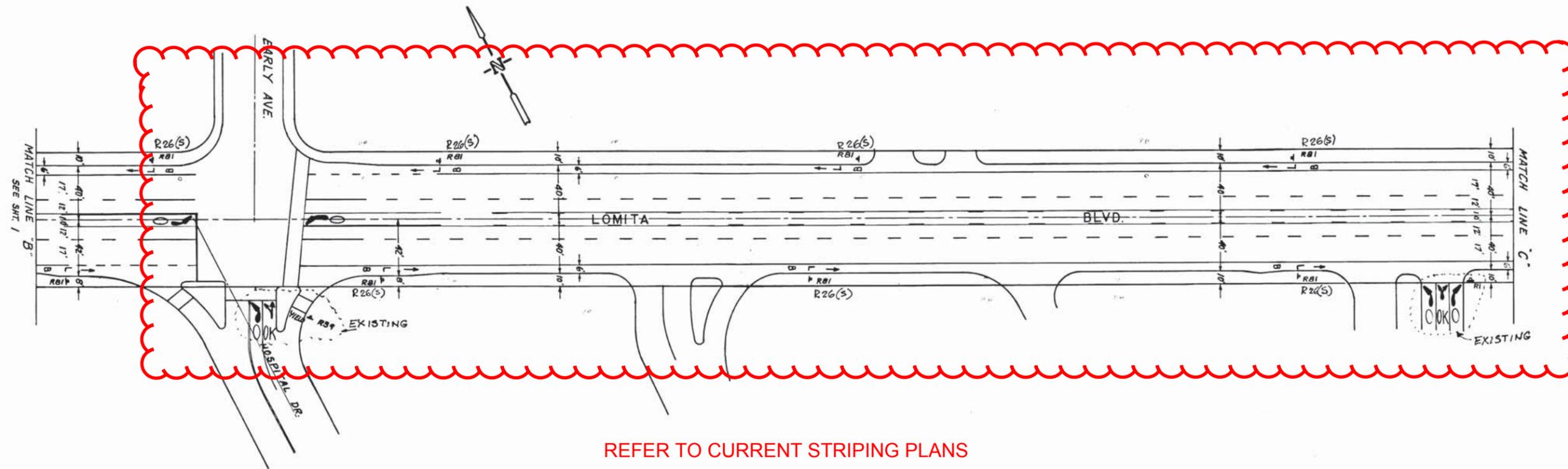


CITY OF TORRANCE TRAFFIC & LIGHTING DEPT. ARTHUR T. HORKAY, CITY TRAFFIC ENGINEER	
PAVEMENT MARKINGS AND SIGNING LOMITA BOULEVARD FROM LADEENE AVE. TO ANZA AVE.	
DRAWN: AGK DESIGNED: AGK REVIEWED: <i>[Signature]</i> 7/1/69 DATE	APPROVED: <i>[Signature]</i> DATE CITY TRAFFIC ENGINEER SCALE: AS SHOWN SHEET 1 OF 1 PLAN NO. C-69-34



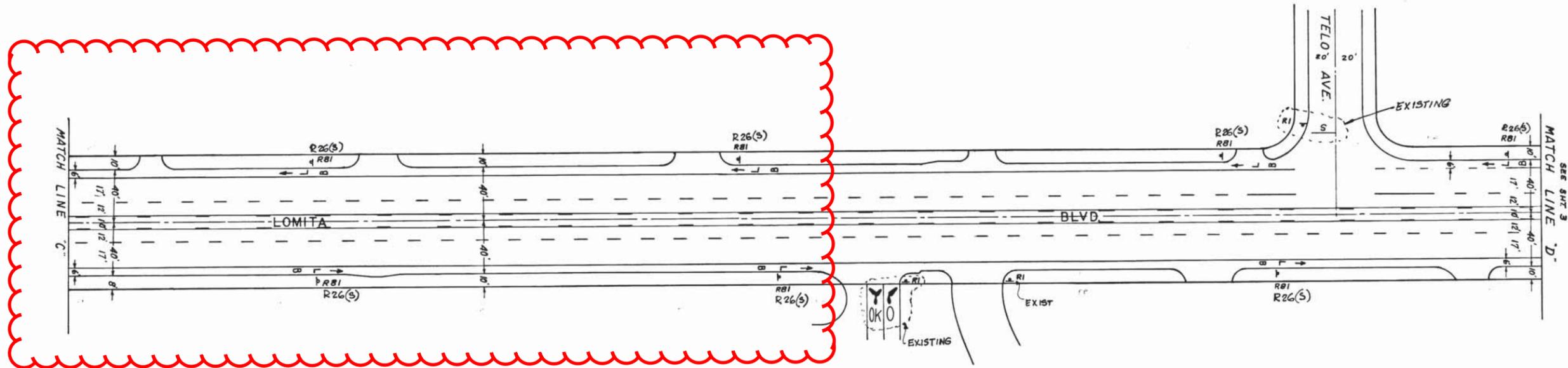
STUDY PLAN	9-20-78
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	

REVISION	DATE	DESCRIPTION	BY	CHECKED
1	7/3/80	MODIFIED LANE WIDTHS	AGK	
CITY OF TORRANCE DEPARTMENT OF TRANSPORTATION ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION				
LOMITA BOULEVARD HAWTHORNE BLVD. TO GARNIER ST. CHANNELIZATION				
DRAWN:	R.S.M.	APPROVED:		
DESIGNED:	R.S.M.	DATE	DIRECTOR OF TRANSPORTATION	
REVIEWED:	AGK	SCALE:	1" = 40'	SHEET 1 OF 3
RECOMMENDED:	Daniel Collins	PLAN NO.	C-78-113	
DATE	9-28-79			



TORRANCE MEMORIAL HOSPITAL

REFER TO CURRENT STRIPING PLANS
SHEET C 2010-001



NOTE: N.S.A.T. THIS SHEET.

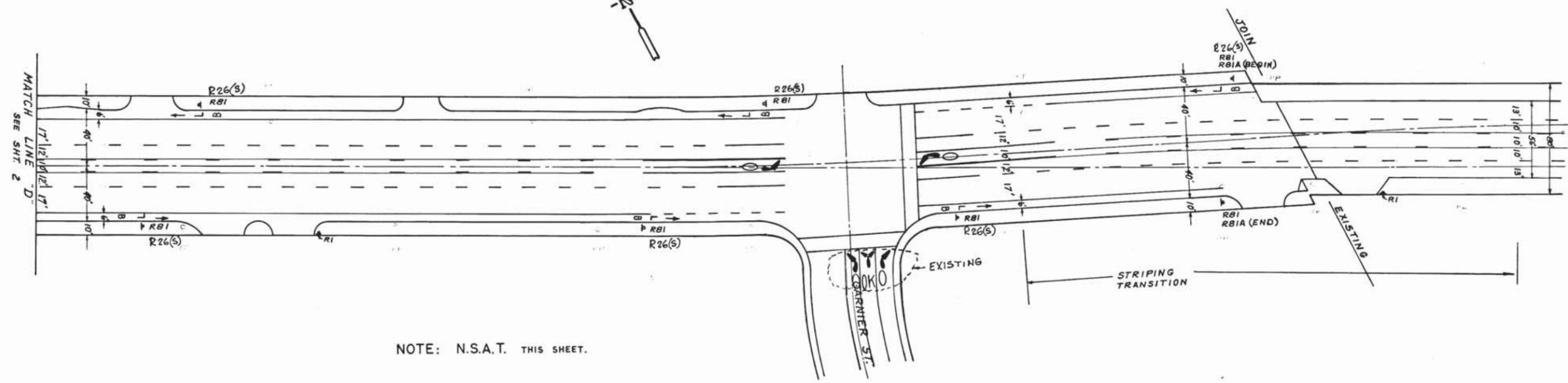
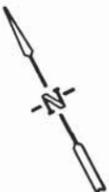
REVISION	DATE	DESCRIPTION	BY	CHECKED
1	7-24-80	MODIFIED LANE WIDTHS	AKC	

CITY OF TORRANCE
DEPARTMENT OF TRANSPORTATION
ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION

LOMITA BOULEVARD
HAWTHORNE BLVD. TO GARNIER ST.
CHANNELIZATION

DRAWN: R.S.M.	APPROVED:
DESIGNED: R.S.M.	DATE: _____
REVIEWED: <i>AKC</i>	SCALE: 1" = 40' SHEET 2 OF 3
RECOMMENDED: <i>Daniel Collins</i>	PLAN NO. C-78-113
DATE: 9-28-78	

STUDY PLAN	9-20-78
INSTALLED	_____ Date
OBSOLETE	_____ Date
SEE PLAN NO.	_____



NOTE: N.S.A.T. THIS SHEET.

STUDY PLAN	9-20-78
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	

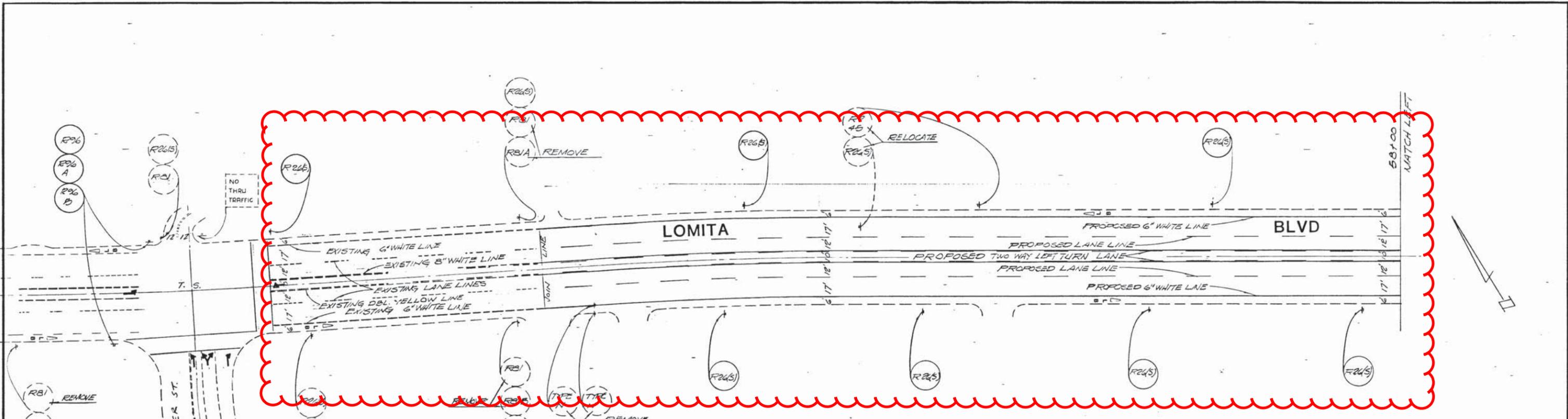
11/77 DIETRICH-POST 4021W CLOTH

REVISION	DATE	DESCRIPTION	BY	CHECKED
1	7-24-80	MODIFIED LANE WIDTHS	AGK	

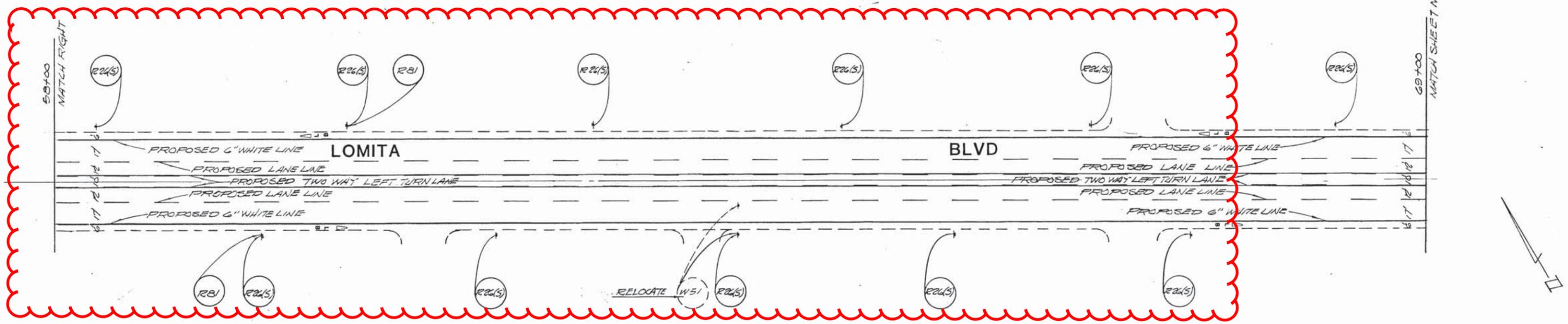
CITY OF TORRANCE
DEPARTMENT OF TRANSPORTATION
 ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION

LOMITA BOULEVARD
 HAWTHORNE BLVD. TO GARNIER ST.
 CHANNELIZATION

DRAWN:	R.S.M.	APPROVED:	
DESIGNED:	R.S.M.	DATE	DIRECTOR OF TRANSPORTATION
REVIEWED:	<i>AK</i>	SCALE:	1" = 40' SHEET 3 OF 3
RECOMMENDED:	<i>Daniel Collins</i>	PLAN NO.	C-78-113
DATE	9-28-78		



REFER TO CURRENT STRIPING PLANS
SHEET C-2015-003



- NOTES:
1. REMOVE ALL CONFLICTING STRIPING AND MARKINGS.
 2. LANE, 8" WHITE, DOUBLE YELLOW LINES AND TWO-WAY LEFT TURN LANE SHALL BE SUPPLEMENTED WITH RAISED REFLECTIVE MARKERS.
 3. INSTALL AND/OR RESTORE STRIPING ON SIDE STREETS TO MATCH EXISTING.
 4. RELOCATE EXISTING R26(S) SIGNS TO LOCATIONS SHOWN ON PLANS
 5. ALL REMOVED SIGNS SHALL BE RETURNED TO THEIR RESPECTIVE CITIES: CITY OF LOMITA AND CITY OF TORRANCE.

DRAWN	
COMPLETED	
AS BUILT	
SUPERVISED BY	

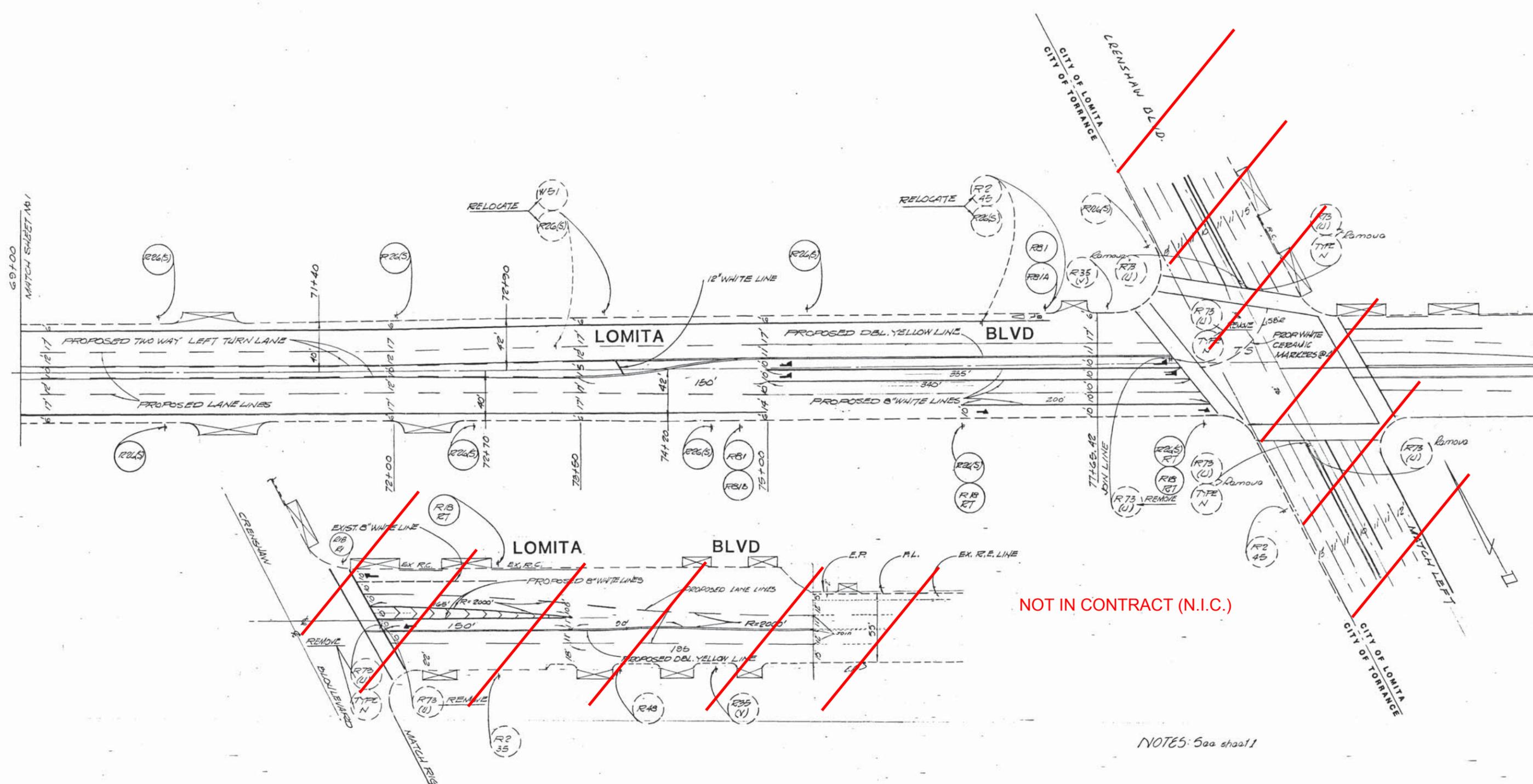
ASL Consulting Engineers
 Pasadena 626-792-3096
 Santa Ana 714-919-1781
 Palm Springs 492-320-4220

APPROVED
 CITY OF TORRANCE
 BY: *[Signature]* DATE: *[Date]*

DATE	BY	REVISIONS

SUBMITTED
 DATE: 5-4-56
 CIVIL ENGINEER NO. 18660
[Signature]
 RECOMMENDED
 DATE: 10/20/86
[Signature]
 T.A. TIDEMANSON DIRECTOR OF PUBLIC WORKS
 BY: *[Signature]* DATE: 10/20/86
 DEPUTY DIRECTOR

LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS
TRAFFIC AND LIGHTING DIVISION
LOMITA BOULEVARD
 GARNIER STREET TO CRENSHAW BLVD.
 SIGNING AND STRIPING
 DATE: C.C. 3562 SHT. 1 OF 2 SCALE: 1"=40' G.D. 2163



NOT IN CONTRACT (N.I.C.)

NOTES: See sheet 1

DRAWN	
COMPLETED	
AS BUILT	
SUPERVISED BY	

ASL Consulting Engineers
 Shalivawaz Ahmed 23712
 PASADENA (913) 884-7000
 SANTA ANA (714) 975-1781
 PALM SPRINGS (951) 320-4200

APPROVED
 CITY OF LOMITA
 BY _____ DATE _____
 APPROVED
 CITY OF TORRANCE
 BY _____ DATE _____

NO.	DATE	BY	REVISIONS

SUBMITTED
 DATE 5-4-86
 CIVIL ENGINEER NO. 18160
 JOHN D. AGUIR
 RECOMMENDED
 DATE 10/20/86
 JAMES F. FERRER
 T. A. TIDEMANSON DIRECTOR OF PUBLIC WORKS
 BY _____ DATE 10/21/86
 DEPUTY DIRECTOR

LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS
 TRAFFIC AND LIGHTING DIVISION
LOMITA BOULEVARD
 GARNIER STREET TO CRENSHAW BLVD.
 SIGNING AND STRIPING
 SCALE 1"=40'
 C.C. 3562 SHT. 2 OF 2
 DATE 10/21/86

SIGNING AND STRIPING GENERAL NOTES

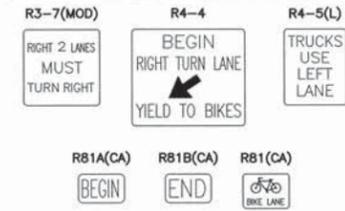
1. THE INSTALLATION OF ALL STRIPING, PAVEMENT MARKINGS AND SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PAVEMENT MARKERS AND STRIPING SHALL CONFORM TO SECTIONS 84 AND 85 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2010 AND 2012 CA MUTCD STANDARD.
2. CONTROL OF ALIGNMENT AND LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND IS SUBJECT TO APPROVAL BY THE TRAFFIC ENGINEER.
3. ALL STRIPING AND LEGENDS SHALL BE THERMOPLASTIC:
 THE THERMOPLASTIC MATERIAL SHALL CONFORM TO EITHER STATE SPECIFICATIONS 8010-21C-21 OR 8010-21C-19. GLASS BEADS TO BE APPLIED TO THE SURFACE OF THE MOLTEN THERMOPLASTIC MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE STATE SPECIFICATIONS 8010-11E-22 (TYPE II).
 STATE SPECIFICATIONS FOR THE THERMOPLASTIC MATERIAL AND GLASS BEADS MAY BE OBTAINED FROM THE TRANSPORTATION LABORATORY, P.O. BOX 19128, SACRAMENTO, CA 95819, TELEPHONE NO. (916) 739-2400.
 THE THERMOPLASTIC MATERIAL SHALL BE APPLIED PER SECTION 84-2.04 OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 1992 EDITION.
4. THE CONTRACTOR SHALL INSTALL REFLECTORIZED PAVEMENT MARKERS ON ALL LANE LINE AND CENTER LINE STRIPING.
5. CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS BY SANDBLASTING, AND REMOVE ALL CONFLICTING RAISED PAVEMENT MARKERS AND REPLACE ALL STRIPING, PAVEMENT MARKINGS AND PAVEMENT MARKERS REMOVED DUE TO CONSTRUCTION.

6. THE INSTALLATION OF ALL SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SIGNS SHALL CONFORM TO CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2010 AND 2012 CA MUTCD STANDARD. ALL SIGN POSTS SHALL BE ANCHORED TWO (2) FEET DEEP IN CONCRETE AND LOCATED 18-24 INCHES FROM THE FACE OF CURB. (THE BOTTOM OF SIGNS SHALL BE SEVEN (7) FEET ABOVE ADJACENT GROUND EXCEPT R7 & R10 SIGNS MOUNTED IN RAISED MEDIANS).
7. CONTRACTOR SHALL "CAT-TRACK" ALL PROPOSED PAVEMENT MARKINGS FOR INSPECTION AND APPROVAL BY THE CITY BEFORE FINAL PAVEMENT MARKINGS. CONTACT CRAIG BILEZERIAN AT (310) 618-3054 FOR INSPECTION.
8. FOR ALL REFERENCES TO DETAILS OR FIGURES SHOWN HEREON, REFER TO CALTRANS STANDARD PLANS DATED 2010 AND 2012 CA MUTCD STANDARD.
9. ALL SIGNS SHALL BE 3M DIAMOND GRADE CUBED, WITH 1160 PROTECTIVE ANTI-GRAFFITI OVERLAY FILM AND MATCHED COMPONENTS SYSTEM WARRANTY (12 YEARS) ON 0.080 ALUMINUM.

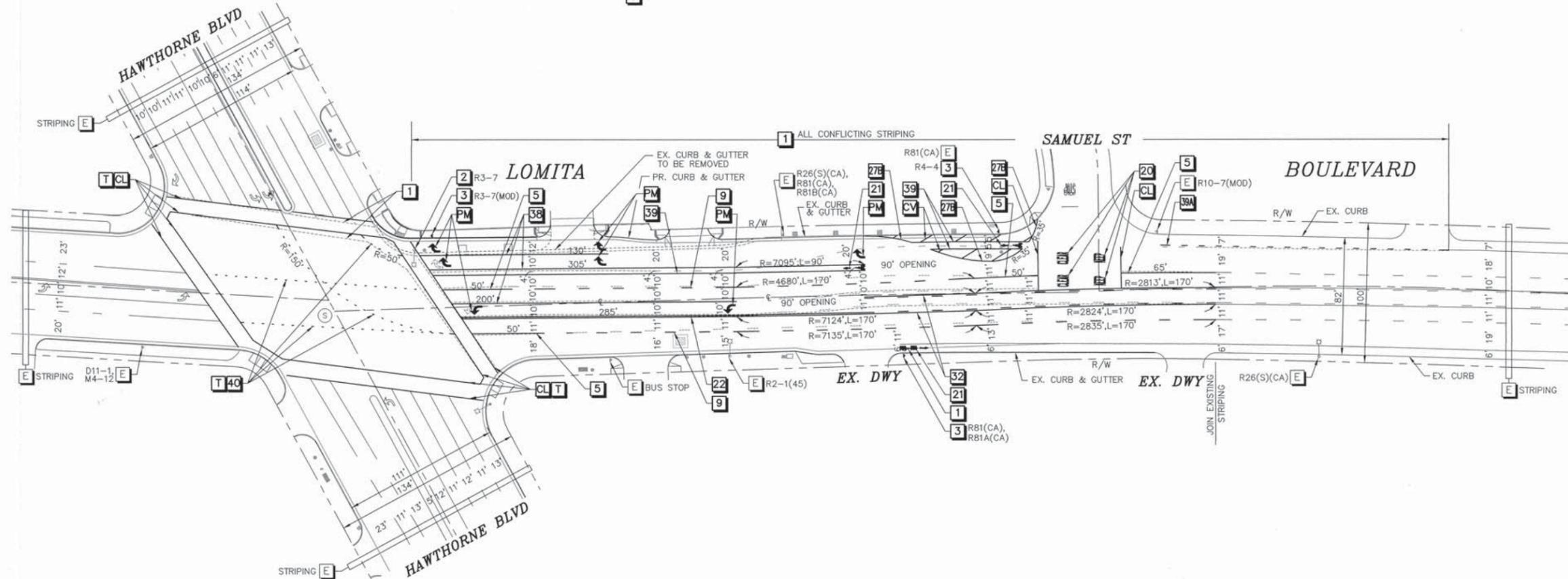
SIGNING AND STRIPING PLAN CONSTRUCTION NOTES

- E EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- 1 REMOVE/SANDBLAST EXISTING STRIPING, MARKING, OR LEGEND, EXCEPT AS NOTED TO REMAIN. REMOVE EXISTING PAVEMENT MARKERS AS NECESSARY.
- 2 REMOVE EXISTING SIGN AND/OR POST, AS SHOWN.
- 3 INSTALL NEW SIGN ONTO POST, STREET LIGHT POLE, OR TRAFFIC SIGNAL POLE, AS SHOWN.
- 5 INSTALL 4" SOLID WHITE LINE WITH TYPE "G" RPM'S AT 25' O.C., 2" OFFSET FROM LINE.
- 9 INSTALL 4" WHITE LANE LINE PER CALTRANS STD PLAN A20A, DETAIL 9.
- 20 INSTALL PAVEMENT MARKING AS SHOWN PER CALTRANS STD PLAN A24E.
- 21 INSTALL BIKE LANE ARROW AND WORD MARKINGS PER CALTRANS STD PLANS A24A AND A24E.
- 22 INSTALL 4" DOUBLE YELLOW CENTER LINE PER CALTRANS STD PLAN A20A, DETAIL 22.
- 27E INSTALL 4" SOLID WHITE RIGHT EDGELINE PER CALTRANS STD PLAN A20B, DETAIL 27B.
- 32 INSTALL 4" TWO-WAY LEFT TURN LANES PER CALTRANS STD PLAN A20B, DETAIL 32.
- 37E INSTALL 8" WHITE LANE DROP PER CALTRANS STD PLAN A20C, DETAIL 37B.
- 38 INSTALL 8" SOLID WHITE CHANNELIZING LINE PER CALTRANS STD PLAN A20D, DETAIL 38.
- 39 INSTALL 6" BIKE LANE PER CALTRANS STD PLAN A20D, DETAIL 39.
- 39A INSTALL 6" BIKE LANE PER CALTRANS STD PLAN A20D, DETAIL 39A.
- 40 INSTALL 4" WHITE LINE EXTENSION PER CALTRANS STD PLAN A20D, DETAIL 40.
- PM INSTALL TYPE IV (L) OR (R) ARROW MARKING PER CALTRANS STD PLAN A24A.
- CL INSTALL 12" SOLID WHITE CROSSWALK (10' CLEAR) OR LIMIT LINE PER CALTRANS STD PLAN A24E.
- CV INSTALL 4" SOLID WHITE CHEVRON AT 30' AND 25' SPACING AS SHOWN.
- T INSTALL THERMOPLASTIC

NEW SIGNS ON THIS SHEET

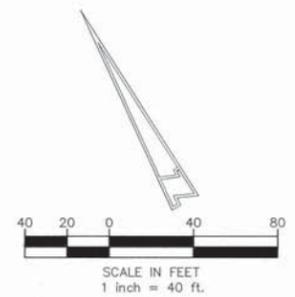


LEGEND



PERMIT NO. 712-6MC-2483

CALTRANS	
REVIEWED BY:	APPROVED BY:
DATE	DATE



**SIGNING AND STRIPING PLAN
LOMITA BOULEVARD
AT HAWTHORNE BOULEVARD**

PREPARED BY:
LINSCOTT, LAW & GREENSPAN, ENGINEERS
 TRANSPORTATION PLANNING - TRAFFIC ENGINEERING - PARKING
 600 South Lake Avenue, Suite 500, Pasadena, CA 91106 (626) 796-2322
 2 Executive Circle, Suite 250 Irvine, CA 92614 (949) 825-6175
 4342 Redden Street, Suite 100, San Diego, CA 92111 (619) 500-8800
 R. Barretto 3-7-2014
 RICHARD E. BARRETTO T.E. 2006 DATE:

REV.	DATE	DESCRIPTION	BY	CHECKED

**CITY OF TORRANCE
PUBLIC WORKS DEPARTMENT**

DRAWN: _____
 DESIGNED: _____
 PROJECT ENGINEER: _____

RECOMMENDED: *S. Ben* 3/12/14
 CRAIG BILEZERIAN R.C.E. #55339 EXP 12/31/14
 CITY ENGINEER DATE

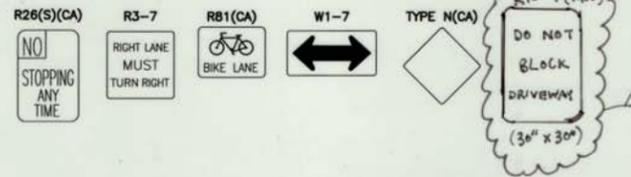
SCALE: AS SHOWN SHEET 1 OF 3
 PLAN NO. **C 2013-004**

SIGNING AND STRIPING GENERAL NOTES

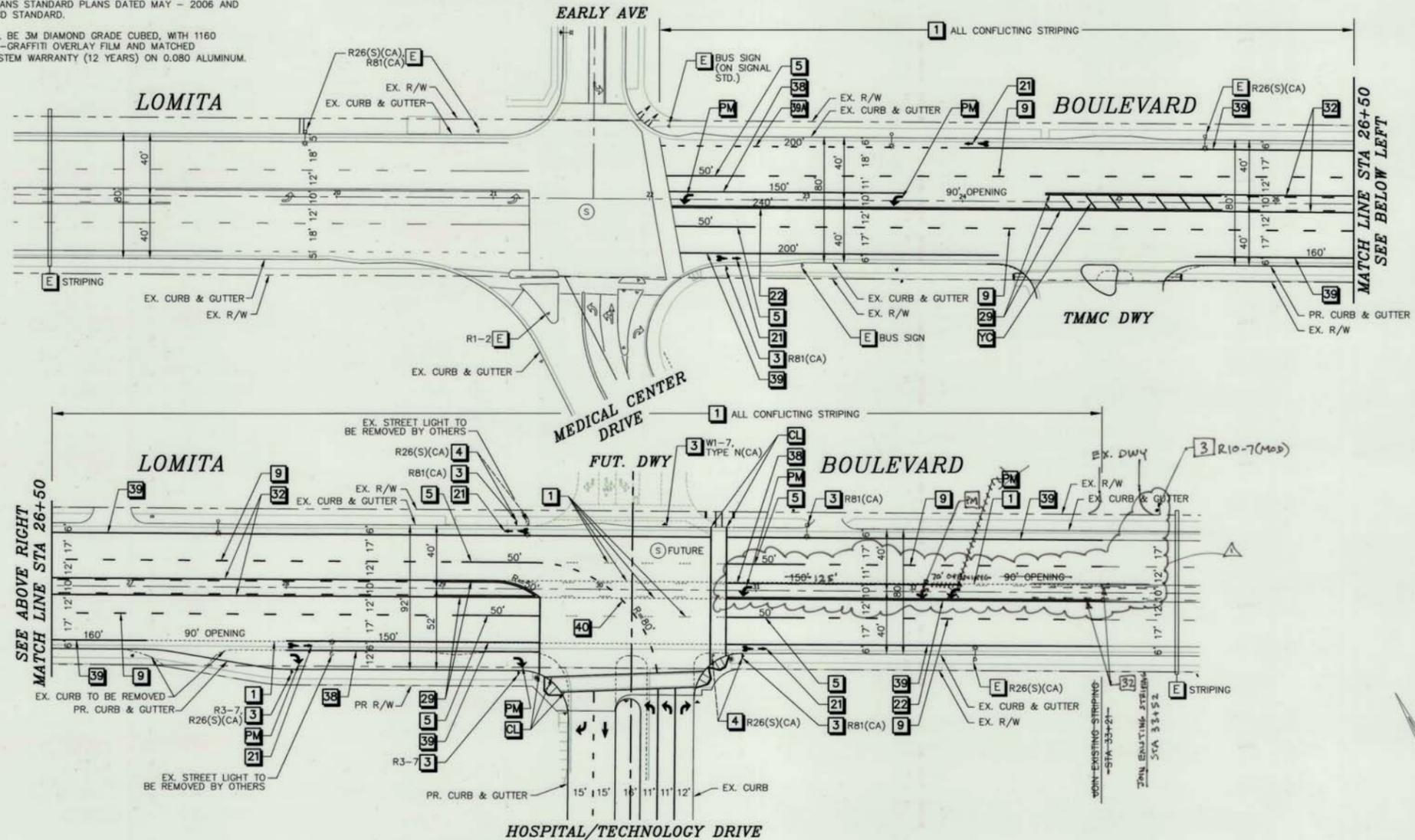
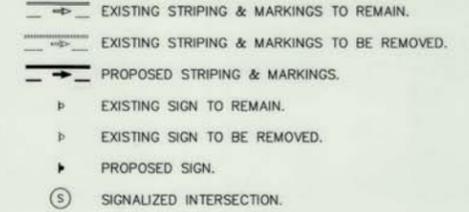
1. THE INSTALLATION OF ALL STRIPING, PAVEMENT MARKINGS AND SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. PAVEMENT MARKERS AND STRIPING SHALL CONFORM TO SECTIONS 84 AND 85 OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY, 2006 AND LATEST CA MUTCD STANDARD.
2. CONTROL OF ALIGNMENT AND LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND IS SUBJECT TO APPROVAL BY THE TRAFFIC ENGINEER.
3. ALL STRIPING AND LEGENDS SHALL BE THERMOPLASTIC:
 - THE THERMOPLASTIC MATERIAL SHALL CONFORM TO EITHER STATE SPECIFICATIONS 8010-21C-21 OR 8010-21C-19. GLASS BEADS TO BE APPLIED TO THE SURFACE OF THE MOLTEN THERMOPLASTIC MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE STATE SPECIFICATIONS 8010-11E-22 (TYPE II).
 - STATE SPECIFICATIONS FOR THE THERMOPLASTIC MATERIAL AND GLASS BEADS MAY BE OBTAINED FROM THE TRANSPORTATION LABORATORY, P.O. BOX 19128, SACRAMENTO, CA 95819, TELEPHONE NO. (916) 739-2400.
 - THE THERMOPLASTIC MATERIAL SHALL BE APPLIED PER SECTION 84-2.04 OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 1992 EDITION.
4. THE CONTRACTOR SHALL INSTALL REFLECTORIZED PAVEMENT MARKERS ON ALL LANE LINE AND CENTER LINE STRIPING.
5. CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS BY SANDBLASTING, AND REMOVE ALL CONFLICTING RAISED PAVEMENT MARKERS AND REPLACE ALL STRIPING, PAVEMENT MARKINGS AND PAVEMENT MARKERS REMOVED DUE TO CONSTRUCTION.

6. THE INSTALLATION OF ALL SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SIGNS SHALL CONFORM TO CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY - 2006 AND LATEST CA MUTCD STANDARD. ALL SIGN POSTS SHALL BE ANCHORED TWO (2) FEET DEEP IN CONCRETE AND LOCATED 18-24 INCHES FROM THE FACE OF CURB. (THE BOTTOM OF SIGNS SHALL BE SEVEN (7) FEET ABOVE ADJACENT GROUND EXCEPT R7 & R10 SIGNS MOUNTED IN RAISED MEDIANS).
7. CONTRACTOR SHALL "CAT-TRACK" ALL PROPOSED PAVEMENT MARKINGS FOR INSPECTION AND APPROVAL BY THE CITY BEFORE FINAL PAVEMENT MARKINGS. CONTACT CRAIG BILEZERIAN AT (310) 618-3054 FOR INSPECTION.
8. FOR ALL REFERENCES TO DETAILS OR FIGURES SHOWN HEREON, REFER TO CALTRANS STANDARD PLANS DATED MAY - 2006 AND LATEST CA MUTCD STANDARD.
9. ALL SIGNS SHALL BE 3M DIAMOND GRADE CUBED, WITH 1160 PROTECTIVE ANTI-GRAFFITI OVERLAY FILM AND MATCHED COMPONENTS SYSTEM WARRANTY (12 YEARS) ON 0.080 ALUMINUM.

NEW STREET SIGNS ON THIS SHEET ONLY



LEGEND



SIGNING AND STRIPING PLAN CONSTRUCTION NOTES

- E EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- 1 REMOVE/SANDBLAST EXISTING STRIPING, MARKING, OR LEGEND, EXCEPT AS NOTED TO REMAIN. REMOVE EXISTING PAVEMENT MARKERS AS NECESSARY.
- 2 REMOVE EXISTING SIGN AND/OR POST, AS SHOWN.
- 3 INSTALL NEW SIGN ONTO POST, STREET LIGHT POLE, OR TRAFFIC SIGNAL POLE, AS SHOWN.
- 4 RELOCATE EXISTING SIGN(S), AS SHOWN.
- 5 INSTALL 4" SOLID WHITE LINE WITH TYPE "G" RPM'S AT 25' O.C., 2" OFFSET FROM LINE.
- 9 INSTALL 4" SKIP WHITE LANE LINE PER CALTRANS STD PLAN A20A, DETAIL 9.
- 21 INSTALL BIKE LANE ARROW AND SYMBOL MARKINGS PER CALTRANS STD PLANS A24A AND A24C.
- 22 INSTALL 4" DOUBLE YELLOW CENTER LINE PER CALTRANS STD PLAN A20A, DETAIL 22.
- 29 INSTALL 4" DOUBLE YELLOW MEDIAN STRIPING PER CALTRANS STD PLAN A20B, DETAIL 29.
- 32 INSTALL 4" TWO-WAY LEFT TURN LANES PER CALTRANS STD PLAN A20B, DETAIL 32.
- 38 INSTALL 8" SOLID WHITE CHANNELIZING LINE PER CALTRANS STD PLAN A20D, DETAIL 38.
- 39 INSTALL 6" BIKE LANE LINE PER CALTRANS STD PLAN A20D, DETAIL 39.
- 39A INSTALL 6" BIKE LANE LINE PER CALTRANS STD PLAN A20D, DETAIL 39A.
- 40 INSTALL 4" WHITE LINE EXTENSION PER CALTRANS STD PLAN A20D, DETAIL 40.
- PM INSTALL TYPE IV (L) OR (R) ARROW MARKING PER CALTRANS STD PLAN A24A.
- YC INSTALL 12" SOLID YELLOW CHEVRON LINE DIAGONAL AT 45° AND 15' SPACING AS SHOWN.
- CL INSTALL 12" SOLID WHITE CROSSWALK (10' CLEAR) OR LIMIT LINE PER CALTRANS STD PLAN A24E.

DIGALERT
 DIAL TOLL FREE
 1-800-422-4133
 AT LEAST TWO DAYS
 BEFORE YOU DIG
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



**SIGNING AND STRIPING PLAN
 LOMITA BOULEVARD
 AT HOSPITAL/TECHNOLOGY DRIVE**

PREPARED BY:
LINSCOTT, LAW & GREENSPAN, ENGINEERS
 TRANSPORTATION PLANNING - TRAFFIC ENGINEERING - PARKING
 200 W. Century Boulevard, Suite 200, Torrance, CA 90503
 11440 Century Blvd., Suite 200, Torrance, CA 90503
 TEL: (310) 251-1100 FAX: (310) 251-1101
 WWW: WWW.LINSCOTT.COM
 RICHARD E. BARRETO T.E. 2006 DATE: 1.29.10

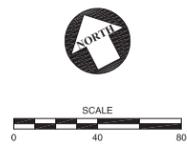
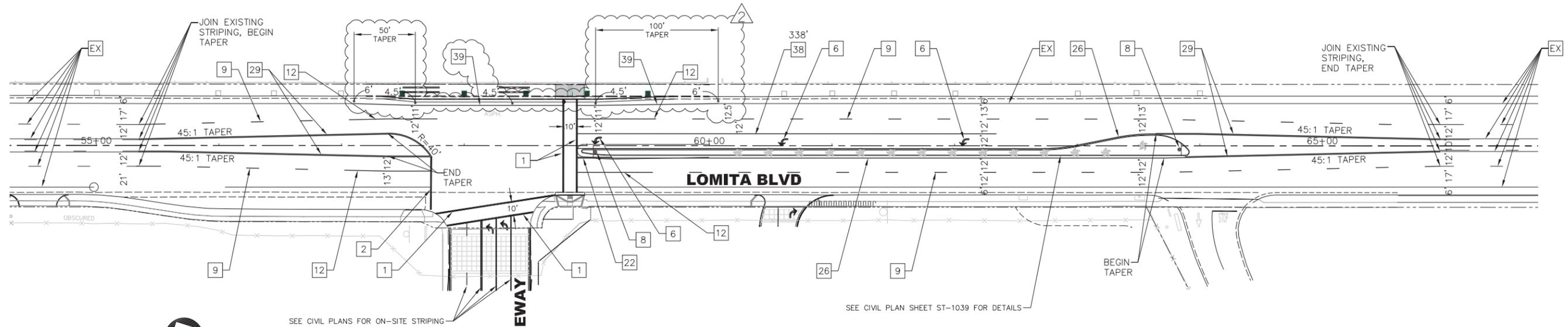
REV.	DATE	DESCRIPTION	BY	CHECKED
1	7-27-09	REVISED LEFT-TURN POCKET TO MAINTAIN RB-8 DRIVEWAY ACCESS.		

**CITY OF TORRANCE
 PUBLIC WORKS DEPARTMENT**

APPROVED: *John C. Detle* 6/30/10
 JOHN C. DETLE
 ACTING CITY ENGINEER
 R.C.E. 51438 EXP. 6/30/10

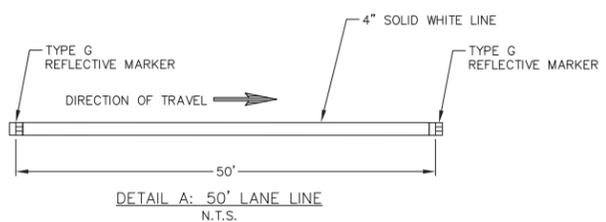
SCALE: AS SHOWN SHEET 1 OF 2
PLAN NO. C2010-001

I:\2008\237\drawing\signing and striping\237\237-001-10m-med-dt-2-revise.dwg_LDP 09-29-02 01-27-2010 .pnd



CONSTRUCTION NOTES

- 1 INSTALL 1'-0" WHITE CROSSWALK (10' INSIDE DIMENSION) CALTRANS STANDARD PLAN A24F.
- 2 INSTALL 1'-0" WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- 6 INSTALL TYPE IV(L) ARROW PER CALTRANS STANDARD PLAN A24A.
- 8 INSTALL R4-7 SIGN AND OBJECT MARKER OM1-3, ON NEW UNI-STRUT POST.
- 9 INSTALL DETAIL 9 PER CALTRANS STANDARD PLAN A20A.
- 12 INSTALL 50' LONG 4" WHITE LANE LINE AND MARKERS PER DETAIL "A" HEREON.
- 22 INSTALL DETAIL 22 PER CALTRANS STANDARD PLAN A20A.
- 26 INSTALL DETAIL 26 PER CALTRANS STANDARD PLAN A20B ALONG RAISED MEDIAN.
- 29 INSTALL DETAIL 29 PER CALTRANS STANDARD PLAN A20B.
- 38 INSTALL DETAIL 38 PER CALTRANS STANDARD PLAN A20D.
- 39 INSTALL DETAIL 39 PER CALTRANS STANDARD PLAN A20D.
- EX EXISTING STRIPE OR LEGEND TO REMAIN.



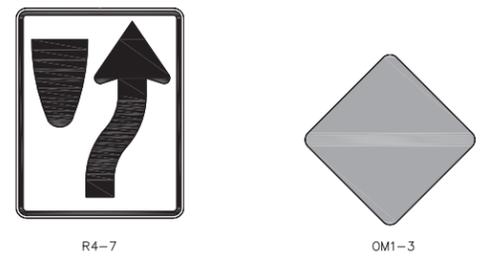
GENERAL NOTES

1. INSTALLATION OF ALL STRIPING, SIGNS, PAVEMENT MARKERS, AND LEGENDS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. ALL STRIPING, SIGNS, PAVEMENT MARKERS, AND LEGENDS SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF THE FOLLOWING MANUALS:
CALIFORNIA MUTCD, LATEST EDITION
CALTRANS STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION
3. ALL STRIPING, SIGNS, PAVEMENT MARKERS, AND LEGENDS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
4. CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, PAVEMENT MARKERS, AND LEGENDS BY WET SANDBLASTING AND/OR GRINDING. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
5. SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING, WITH BREAKAWAY BASE.
6. ALL RAISED MEDIAN NOSES SHALL BE PAINTED YELLOW, WITH GLASS BEADS PER SPECIFICATIONS.
7. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY THE ENGINEER OF WORK PRIOR TO ANY CHANGES BEING MADE IN THE FIELD.
8. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN. ALL SIGNS SHALL BE MADE OF 3M DIAMOND GRADE CUBED, WITH PROTECTIVE OVERLAY FILM AND MATCHED COMPONENTS SYSTEM WARRANTY, (12 YEARS) ON 0.080 ALUMINUM WITH "TORRANCE" ON THE BORDER.
9. STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 10 FEET UNLESS INDICATED OTHERWISE.
10. ALL STRIPING, LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKE LANES) SHALL BE THERMOPLASTIC. CURB MARKINGS SHALL BE PAINT (2 COATS).
11. THE FINAL THERMOPLASTIC STRIPING AND PAVEMENT MARKINGS FOR EACH CONSTRUCTION PHASE SHALL BE INSTALLED AT THE COMPLETION OF EACH CONSTRUCTION PHASE AND WHEN DIRECTED BY THE ENGINEER.
12. ALL TYPE IV PAVEMENT MARKINGS AT THE CROSSWALK SHALL BE CENTERED BETWEEN THE FIRST AND SECOND LOOP DETECTORS.

GENERAL NOTES (CONT)

13. INSTALLATION OF PERMANENT SIGNING AND STRIPING SHALL BE PERFORMED ONLY AFTER THE ENGINEER APPROVES THE STRIPING CAT-TRACKS. CONTACT THE TRAFFIC & LIGHTING SUPERVISOR AT (310)-781-6940 OR THE ENGINEER AT (310)-618-3054 TO SCHEDULE AN INSPECTION AT LEAST 24 HOURS BEFORE COMPLETING LAYOUTS. THE ENGINEER OR DESIGNEE MUST APPROVE ANY CHANGES DUE TO PLAN DISCREPANCIES OR REVISIONS.
14. STRIPING SHALL BEGIN AND TERMINATE AT THE CENTER CORNER DELTA, AT THE LIMIT LINES, OR THE BACK OF THE CROSSWALK.
15. ALL NEW INDUCTIVE LOOPS SHALL BE TYPE E, CENTERED IN THE LANE OF TRAVEL, AND SPACED OUT 16' O.C. (TYPICAL). FRONT LOOPS SHALL BE INSTALLED 1' INTO THE LIMIT LINE OF CROSSWALK.
16. ALL NEW INDUCTIVE LOOPS SHALL BE CONNECTED TO PROVIDE A CALL TO THE PROPER PHASE PER THE EXISTING CONDITION. ALL LOOPS SHALL BE TESTED PRIOR TO ACCEPTANCE.
17. CONTRACTOR SHALL INSTALL A TYPE D BLUE REFLECTIVE MARKER AT EACH FIRE HYDRANT LOCATION WITHIN THE PROJECT LIMITS. THE REFLECTOR SHALL BE 6" FROM THE CENTERLINE STRIPE, OR APPROXIMATE CENTER OF THE PAVEMENT WHERE THERE IS NO CENTERLINE STRIPE, ON THE SIDE NEAREST THE FIRE HYDRANT (PER MUTCD 212, CA SUPPLEMENT FIG 3B-102). MARKER LOCATION SHALL BE APPROVED BY THE ENGINEER BEFORE INSTALLATION.

SIGN LEGEND



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.

Know what's below.
Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED BY:

KITTELSON & ASSOCIATES, INC.
TRANSPORTATION ENGINEERING/PLANNING
354 SW UPPER TERRACE DR
BEND, OR 97702
541-312-8300

REVISIONS				
REV	DATE	BY	CHECKED	DESCRIPTION
1	4/20/2016	RAM	CWR	REVISED STRIPING & LANE WIDTHS IN NEW CURB SECTION

TORRANCE COSTCO
LOMITA BLVD
**SIGNING AND STRIPING PLAN
LOMITA BLVD AT
SITE DRIVEWAY**

DESIGNED BY: RAM	DRAWN BY: DJG
STREETSCAPE MANAGER:	
OPERATIONS MANAGER:	

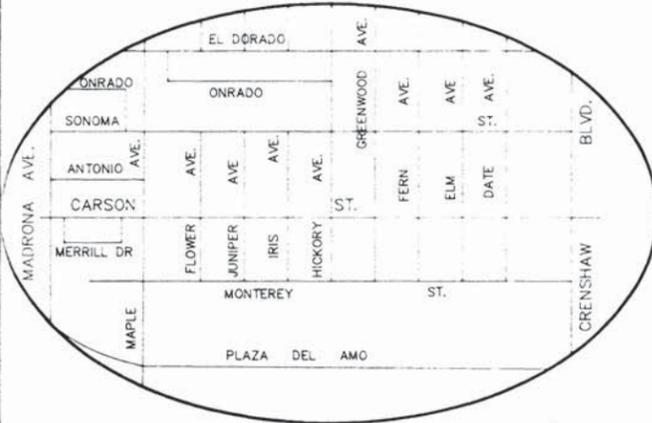
**CITY OF TORRANCE
PUBLIC WORKS DEPARTMENT**

APPROVED BY:
CRAIG BILEZERIAN, PE
CITY ENGINEER
R.C.E. NO. 55339 (EXP. 12/31/2016)

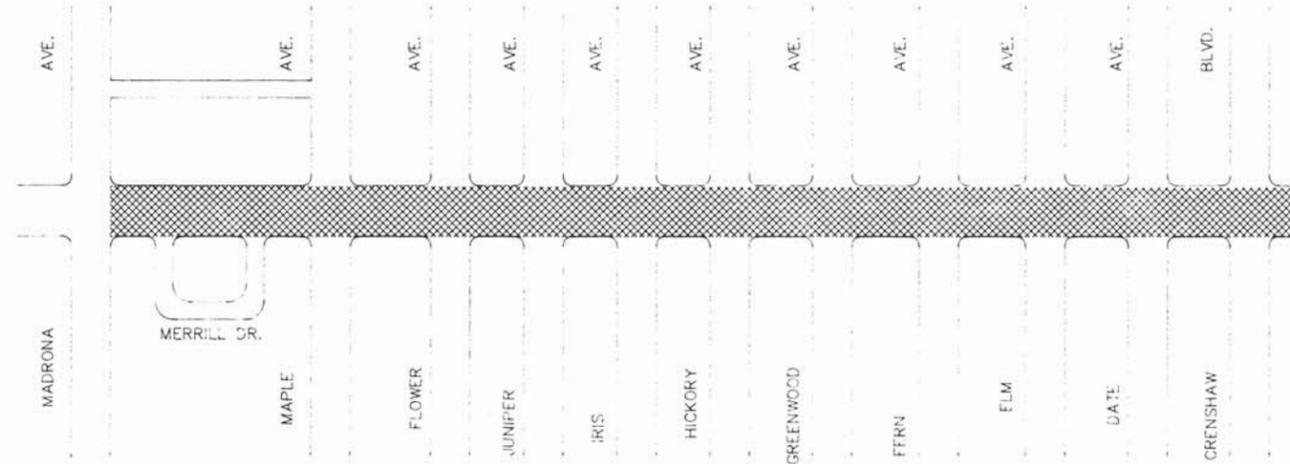
DATE

SHEET **1** OF **1**
SCALE: 1" = 40'
SPECIFICATION NO. -
SUPPLEMENTAL PLAN NO. -
PLAN NO. **C-2015-003**

CARSON STREET IMPROVEMENTS FROM CRENSHAW TO MADRONA SIGNING AND STRIPING PLAN



VICINITY MAP
N.T.S.



KEY MAP
N.T.S.

SIGNING AND STRIPING GENERAL NOTES

1. ALL WORK, MATERIAL AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS DATED JULY 1988 AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
2. ALL SIGN DESIGNATIONS ARE PER THE CALTRANS APPROVED SIGN SPECIFICATION SHEETS DATED JUNE 1987, UNLESS SHOWN OTHERWISE.
3. REMOVED SIGNS MAY BE CLEANED AND REUSED AT THE DISCRETION OF THE FIELD ENGINEER.

SIGNING AND STRIPING KEY

- 1 INSTALL 4" WHITE SKIPLINE, CALTRANS STD. PLAN A20-A, DETAIL 9
- 2 INSTALL 4" DOUBLE-DOUBLE YELLOW, CALTRANS STD. PLAN A20-B, DETAIL 29
- 3 INSTALL 8" WHITE CHANNELIZING LINE, CALTRANS STD. PLAN A20-C, DETAIL 38
- 4 INSTALL T.W.C.L.T. LANE, CALTRANS STD. PLAN A20-B, DETAIL 32
- 5 INSTALL 96' OF 8" WHITE SKIPLINE, CALTRANS STD. PLAN A20-C, DETAIL 37
- 6 PAINT 12" WHITE LIMIT LINE, AS SHOWN
- 7 PAINT 12" WHITE CROSSWALK LINES, AS SHOWN
- 8 PAINT PAVEMENT MARKINGS, AS SHOWN
- 9 INSTALL SIGN, AS SHOWN
- 10 EXISTING SIGN TO REMAIN
- 11 WET SANDBLAST TO REMOVE ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS
- 12 REMOVE EXISTING SIGN
- 13 PAINT CURB RED
- 14 INSTALL 4" DOUBLE YELLOW, CALTRANS STD. PLAN A20-A, DETAIL 22

PRIVATE ENGINEERS NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTION MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING.

INDEX OF SHEETS

SHEET No.	PLAN No.	TITLE
1-6	C-90-178	SIGNING AND STRIPING PLANS

BENCH MARK

CITY OF TORRANCE B.M. No. 225
CH'S □ EAST CURB OF JUNIPER AVE.
57'± NORTH OF CENTER LINE OF CARSON ST.
ELEV. = 102.41

CITY OF TORRANCE B.M. No. 226
CH'S □ EAST CURB OF HICKORY AVE.
63'± NORTH OF CENTER LINE CARSON ST.
ELEV. = 99.54

- UTILITIES**
- SOUTHERN CALIFORNIA EDISON - DISTRIBUTION
 - SOUTHERN CALIFORNIA EDISON - TRANSMISSION
 - SOUTHERN CALIFORNIA GAS CO.
 - PARAGON CABLE
 - PACIFIC BELL
 - TORRANCE MUNICIPAL WATER DEPT.
 - DOMINGUEZ WATER CO.
 - FOUR CORNERS PIPELINE
 - SHELL PIPE LINE CORP.
 - MOBIL OIL CORPORATION
 - CHEVRON U.S.A., INC.
 - UNOCAL PIPELINE
 - KELT OIL AND GAS CO.

- BILL McSEVENEY (213) 618-3750
- DAVID BAKER (213) 608-5130
- JIM JORDAN (213) 781-8403
- SI ISHIMARU (213) 768-0400
- ANKE BENSON (213) 515-4357
- JOHN LLOYD (213) 618-2860
- LEO FIGUEROA (213) 834-2625
- JOANN CRAIG (213) 428-9222
- JIM HANSON (213) 988-3305
- ROBERT STREED (213) 212-2902
- GERRY McCLELLAN (213) 694-7666
- ED LEE (213) 977-6868
- JOHN CAMPBELL (213) 543-1311

SIGNING LEGEND

- PROPOSED SIGN
- EXISTING SIGN
- SIGN MOUNTED ON LIGHT STANDARD
- SIGN MOUNTED ON SIGNAL POLE

PAVEMENT MARKING LEGEND

- ↙ TYPE IV (L) ARROW, CALTRANS STD. PLAN A-24B
- ↘ TYPE IV (R) ARROW, CALTRANS STD. PLAN A-24B
- ↗ TYPE I ARROW, CALTRANS STD. PLAN A-24B
- ↖ TYPE VII ARROW, CALTRANS STD. PLAN A-24B

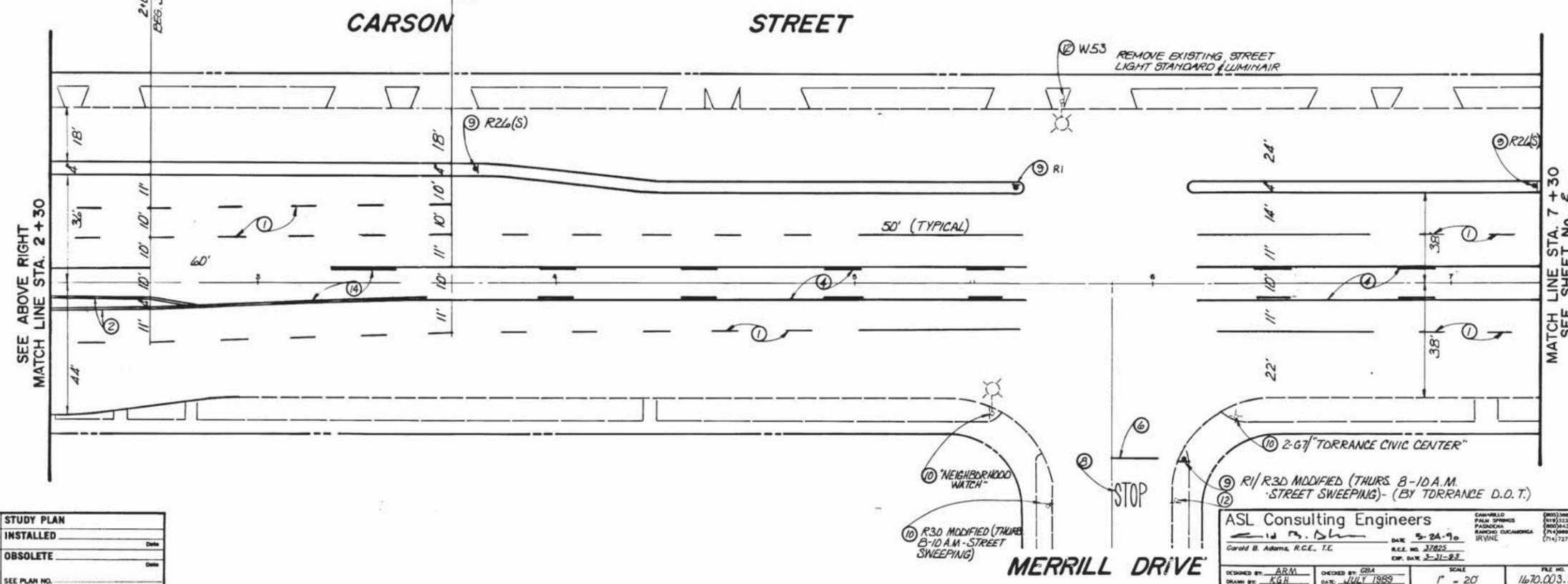
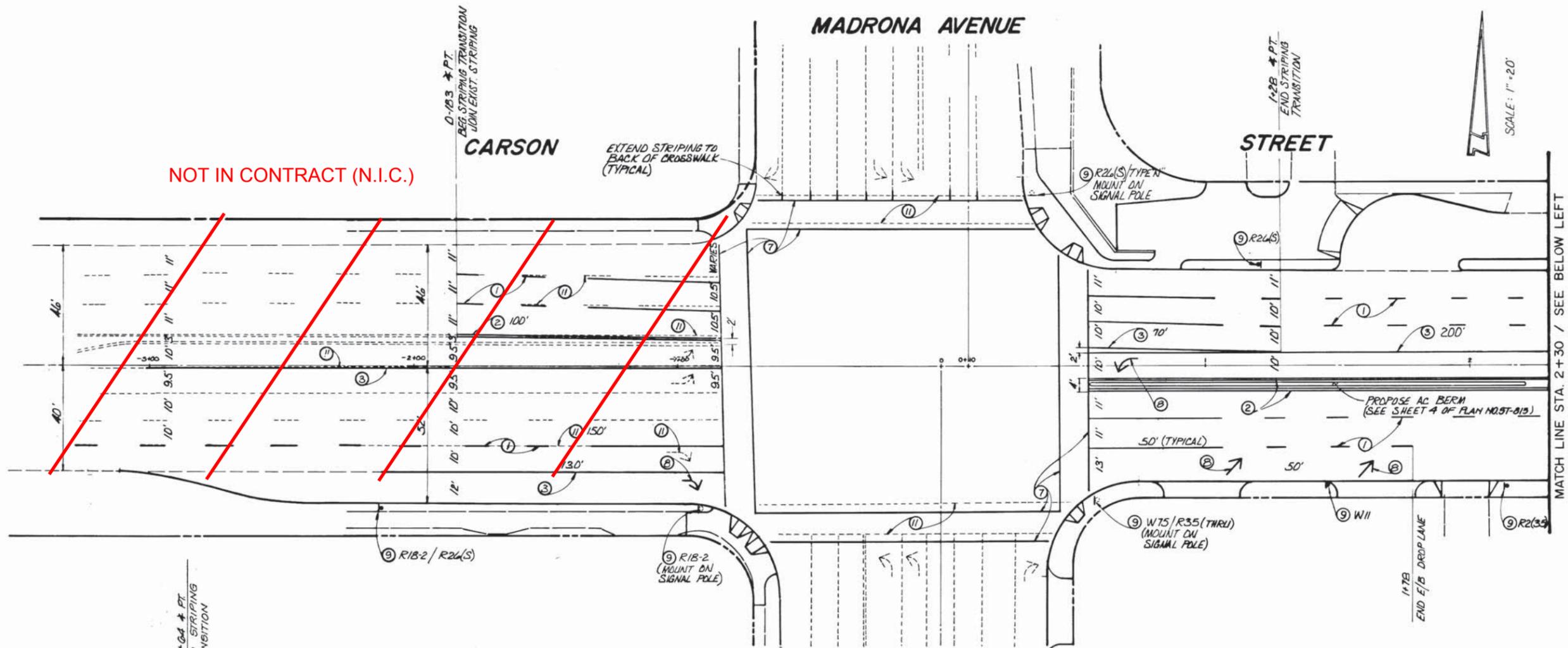


ASL Consulting Engineers

Garold B. Adams R.C.E. 37825 DATE 2-20-91
DESIGNED BY: PRIVATE CHECKED BY: PRIVATE SCALE N.T.S. FILE NO. 1670.003.2

- ARCADIA (818) 447-4494
- IRVINE (714) 727-7099
- PALM SPRINGS (619) 320-4220
- CAMARILLO (805) 388-2344
- RANCHO CUCAMONGA (714) 989-8983

REVISION	DATE	DESCRIPTION	BY	CHECKED
CITY OF TORRANCE DEPARTMENT OF TRANSPORTATION ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION				
DRAWN: PRIVATE ENGINEER		APPROVED: <i>[Signature]</i>		
DESIGNED: PRIVATE ENGINEER		RECOMMENDED: <i>[Signature]</i>		
2/25/91		SCALE: AS SHOWN SHEET 1 OF 7		
DATE		PLAN NO. C-90-178		



REVISION	DATE	DESCRIPTION	BY	CHECKED

CITY OF TORRANCE
DEPARTMENT OF TRANSPORTATION
ARTHUR T. HORKAY **DIRECTOR OF TRANSPORTATION**

CARSON STREET
SIGNING AND STRIPING PLAN
STA. 0+30 TO STA. 7+30

DRAWN: PRIVATE ENGINEER	APPROVED: <i>[Signature]</i>
DESIGNED: PRIVATE ENGINEER	DATE: _____
REVIEWED: <i>[Signature]</i>	SCALE: 1" = 20'
RECOMMENDED: <i>[Signature]</i>	SHEET 2 OF 7
DATE: 2/25/91	PLAN NO. C-90-178

ASL Consulting Engineers
 14 N. ...
 GARDEN ...
 IRVINE, CA 92614
 TEL: (714) 271-2299

DESIGNED BY: *[Signature]* CHECKED BY: *[Signature]* SCALE: 1" = 20'
 DRAWN BY: *[Signature]* DATE: JULY 1989 FILE NO. 1670.003.2

STUDY PLAN	
INSTALLED	
OBSOLETE	
SEE PLAN NO.	

CARSON STREET

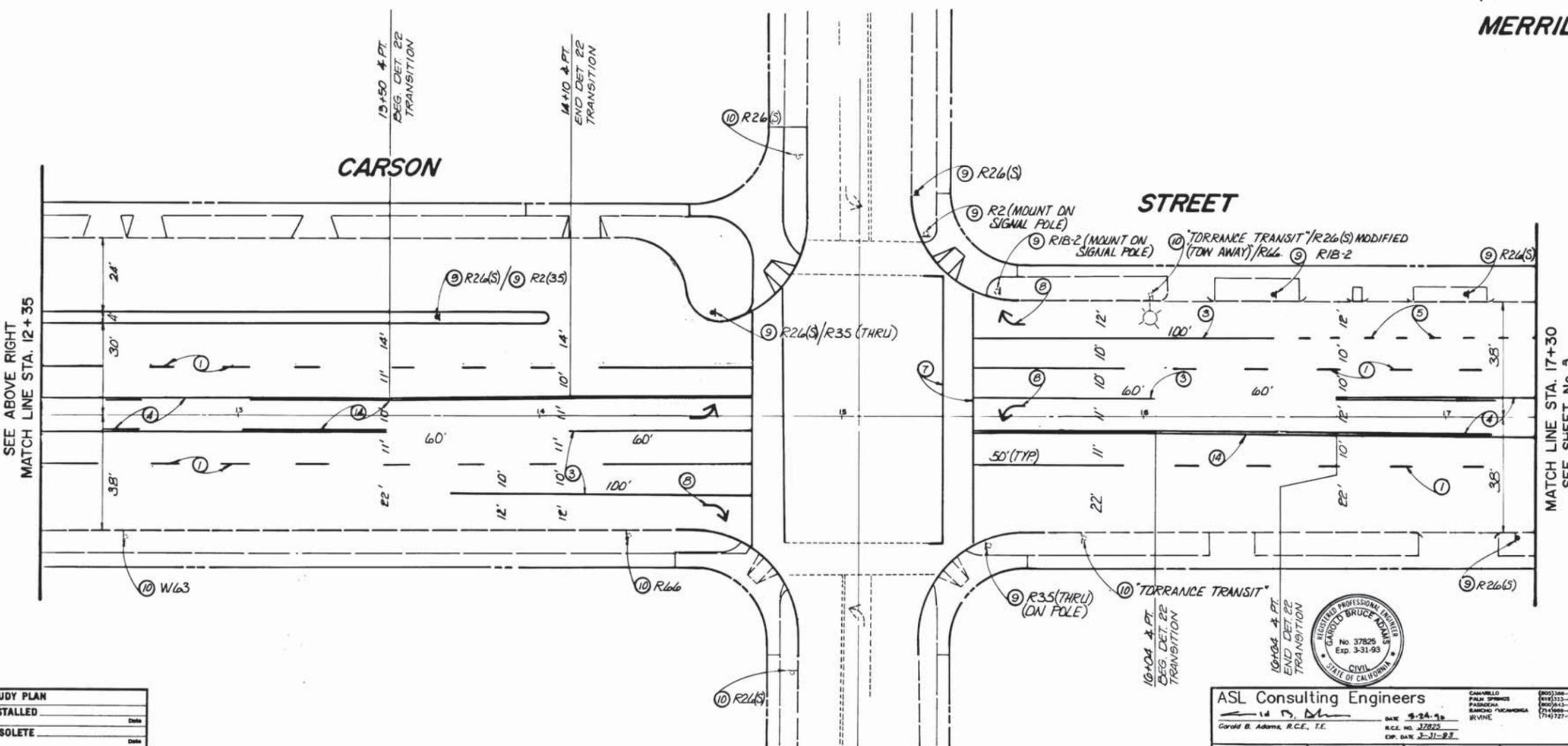
SEE SHEET No. 2
MATCH LINE STA. 7+30

MATCH LINE STA. 12+35
SEE BELOW LEFT

SCALE: 1" = 20'

MAPLE AVENUE

MERRILL DRIVE



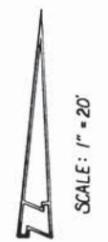
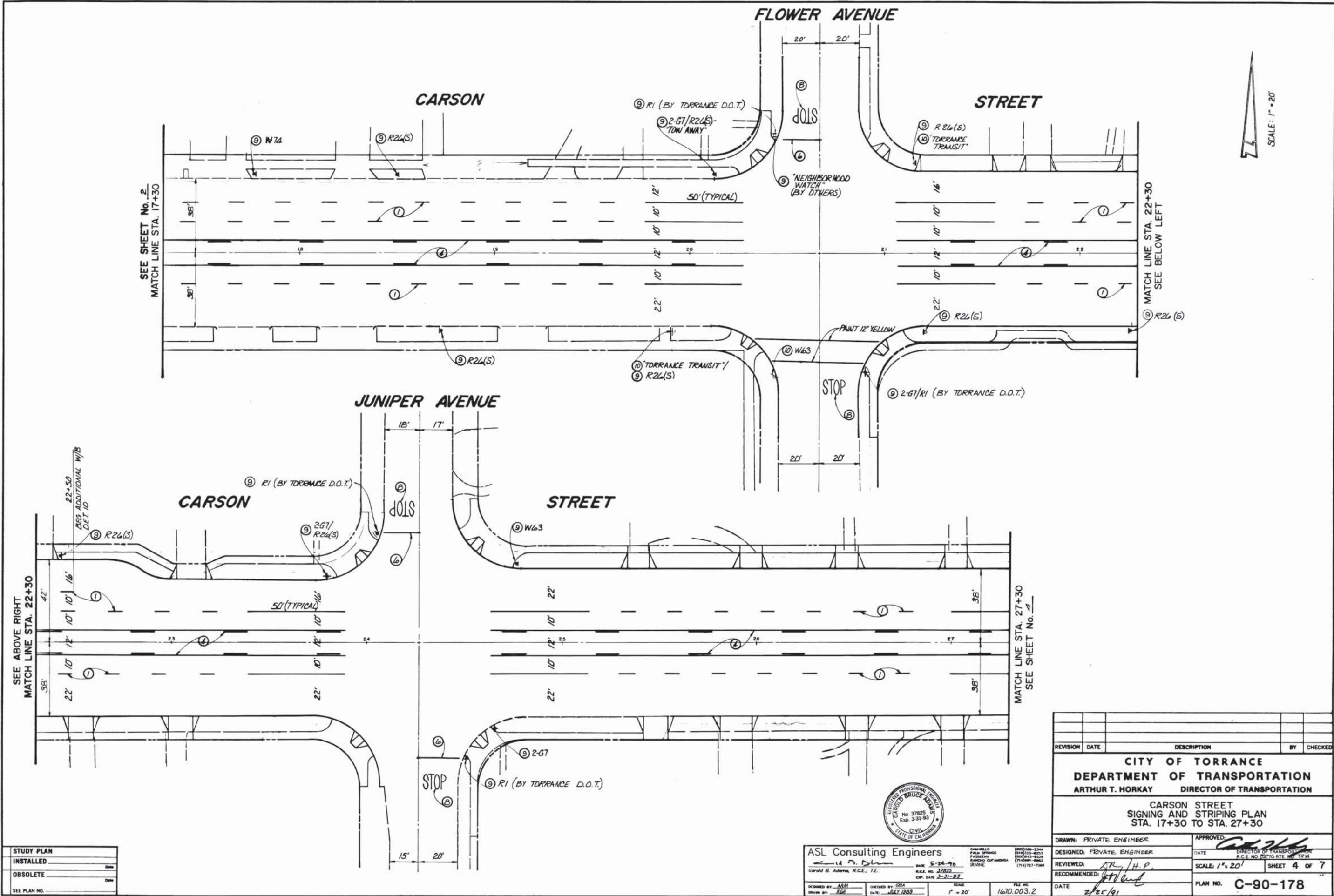
SEE ABOVE RIGHT
MATCH LINE STA. 12+35

MATCH LINE STA. 17+30
SEE SHEET No. 3

STUDY PLAN	Date
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	

ASL Consulting Engineers
 14004 1/2 FT. END DET 22 TRANSITION
 10404 1/2 FT. END DET 22 TRANSITION
 REGISTERED PROFESSIONAL ENGINEER
 CAROLINE BRUCE ADAMS
 No. 37825
 Exp. 3-31-93
 CIVIL
 STATE OF CALIFORNIA
 CARROLL PALM SPRINGS
 PASADENA
 BAKING PASADENA
 IRVINE
 (909) 388-2344
 (913) 513-8513
 (805) 843-8228
 (714) 688-8862
 (714) 727-7098
 DESIGNED BY: ARM
 CHECKED BY: GBA
 DATE: 1/24/99
 SCALE: 1" = 20'
 FILE NO.: 1670.003.2

REVISION	DATE	DESCRIPTION	BY	CHECKED
CITY OF TORRANCE				
DEPARTMENT OF TRANSPORTATION				
ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION				
CARSON STREET SIGNING AND STRIPING PLAN STA. 7+30 TO STA. 17+30				
DRAWN: PRIVATE ENGINEER		APPROVED: <i>[Signature]</i>		
DESIGNED: PRIVATE ENGINEER		DATE: _____		
REVIEWED: <i>[Signature]</i>		SCALE: 1" = 20' SHEET 3 OF 7		
RECOMMENDED: <i>[Signature]</i>		PLAN NO. C-90-178		
DATE: 2/25/99				



STUDY PLAN	
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	

ASL Consulting Engineers
 CARROLL BRUCE ADAMS
 No. 37825
 Exp. 3-31-93
 CIVIL
 STATE OF CALIFORNIA

DESIGNED BY: ARM
 CHECKED BY: GSA
 DATE: JULY 1989

SCALE: 1" = 20'

FILE NO. 1670.003.2

REVISION	DATE	DESCRIPTION	BY	CHECKED
CITY OF TORRANCE DEPARTMENT OF TRANSPORTATION ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION				
CARSON STREET SIGNING AND STRIPING PLAN STA. 17+30 TO STA. 27+30				
DRAWN: PRIVATE ENGINEER	APPROVED:			
DESIGNED: PRIVATE ENGINEER	DATE:			
REVIEWED: <i>[Signature]</i>	SCALE: 1" = 20'	SHEET 4 OF 7		
RECOMMENDED: <i>[Signature]</i>	DATE: 2/25/91	PLAN NO. C-90-178		

FERN AVENUE

CARSON STREET

STREET

ELM STREET

CARSON STREET

SEE SHEET No. 4
MATCH LINE STA. 37+00

MATCH LINE STA. 41+50
SEE BELOW LEFT

SEE ABOVE RIGHT
MATCH LINE STA. 41+50

MATCH LINE STA. 45+25
SEE SHEET No. 6



STUDY PLAN	
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	

REVISION	DATE	DESCRIPTION	BY	CHECKED

CITY OF TORRANCE
DEPARTMENT OF TRANSPORTATION
 ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION

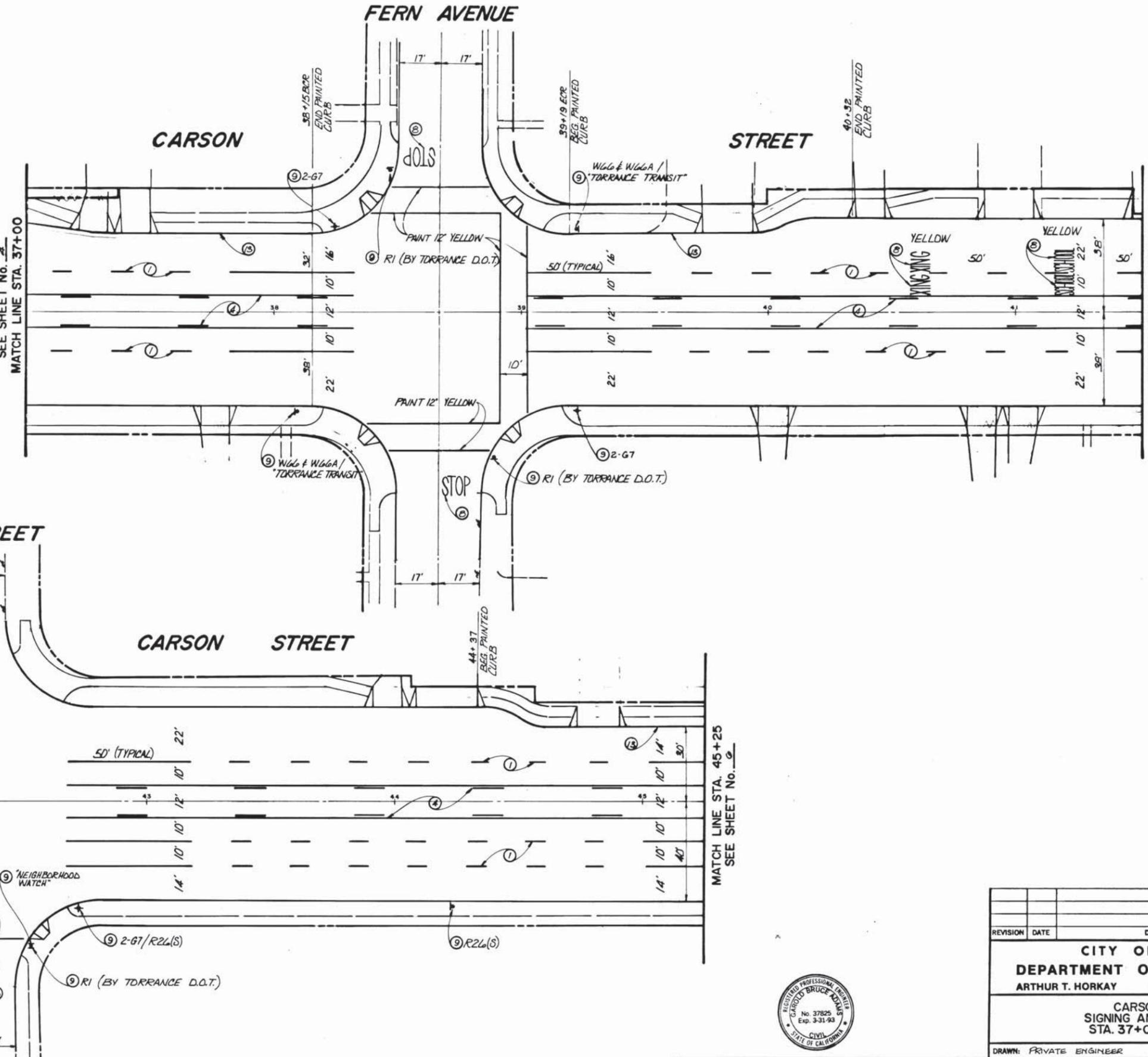
CARSON STREET
 SIGNING AND STRIPING PLAN
 STA. 37+00 TO STA. 45+25

DRAWN: PRIVATE ENGINEER	APPROVED: <i>[Signature]</i>
DESIGNED: PRIVATE ENGINEER	DATE: _____
REVIEWED: <i>SR/H.P.</i>	SCALE: 1" = 20' SHEET 6 OF 7
DATE: <i>2/25/91</i>	PLAN NO. C-90-178



ASL Consulting Engineers
 CARROLL PALM SPRINGS (909) 399-2344
 PASADENA (818) 253-8523
 BAKERSFIELD (805) 413-8228
 IRVINE (714) 948-8863 (714) 727-7088

DESIGNED BY: *ARM* CHECKED BY: *CRA* SCALE: 1" = 20' FILE NO: 1670.003.2
 DRAWN BY: *KGR* DATE: JULY 1989



IRIS AVENUE

HICKORY AVENUE

CARSON STREET

SCALE: 1" = 20'

RI (BY TORRANCE D.O.T.)

R24 (S) MODIFIED (MON. 1-3PM STREET SWEEPING)
TORRANCE TRANSIT

SEE SHEET No. 2
MATCH LINE STA. 27+30

MATCH LINE STA. 32+30
SEE BELOW LEFT

RI (BY TORRANCE D.O.T.)
R24 (S) MODIFIED (MON. 1-3PM STREET SWEEPING)

STOP

STOP

RI (BY TORRANCE D.O.T.)

GREENWOOD AVENUE

CARSON STREET

SEE ABOVE RIGHT
MATCH LINE STA. 32+30

MATCH LINE STA. 37+00
SEE SHEET No. 5

CARSON STREET

RI (BY TORRANCE D.O.T.)

1/21 F.V. CURB MATCH LEADWAY
BUT SW & 2' BENCHING DO NOT

STUDY PLAN	
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	

ASL Consulting Engineers
 CHANWILLO PALM SPRINGS (951) 313-8253
 PASADENA (951) 792-9228
 RANCHO CUCAMONCA (714) 888-8883
 IRVINE (714) 721-7099

DESIGNED BY: ARM
 DRAWN BY: KGH
 CHECKED BY: GSA
 DATE: JULY 1989

SCALE: 1" = 20'

FILE NO.: 1670.003.2



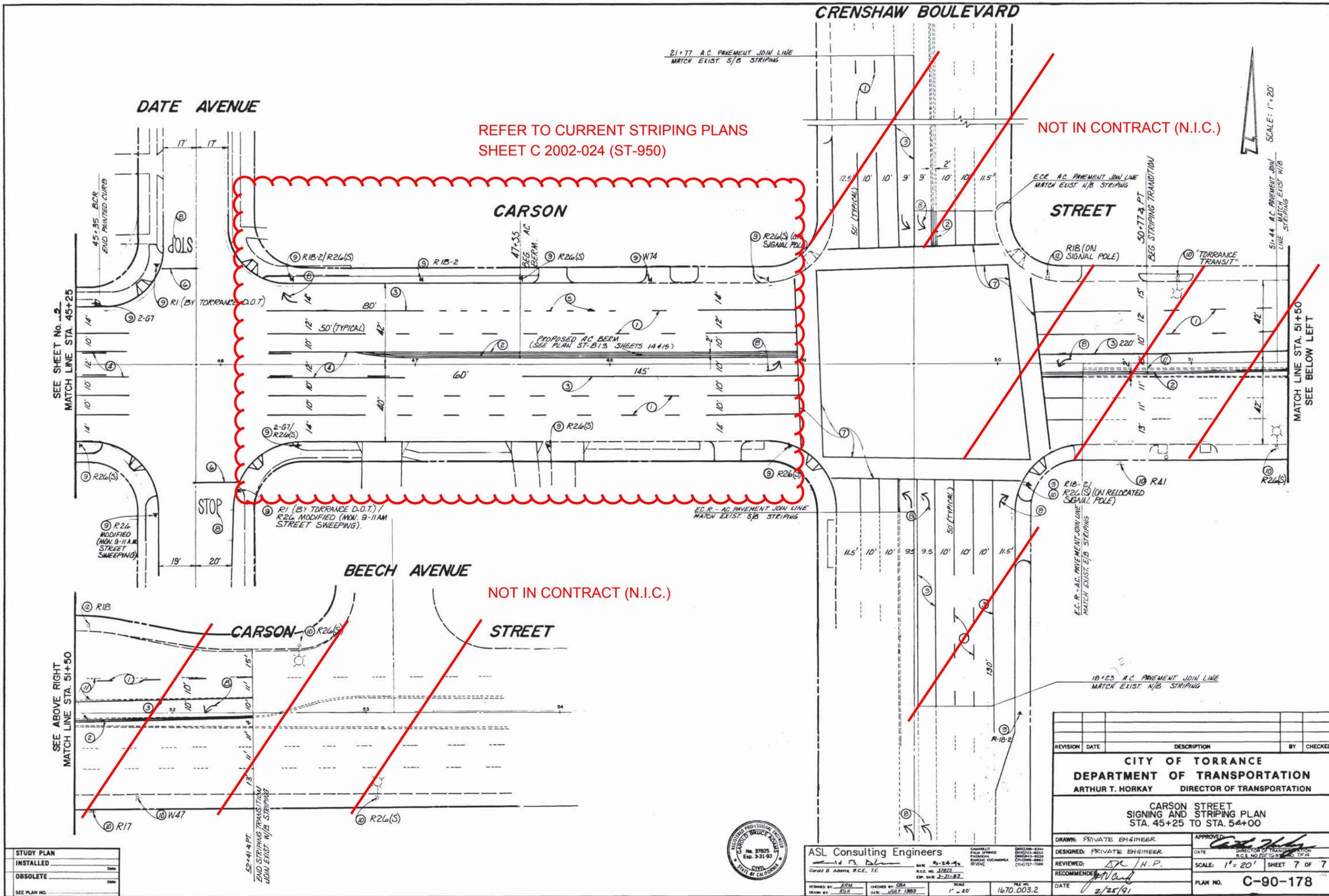
REVISION	DATE	DESCRIPTION	BY	CHECKED

CITY OF TORRANCE
DEPARTMENT OF TRANSPORTATION
 ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION

CARSON STREET
 SIGNING AND STRIPING PLAN
 STA. 27+30 TO STA. 37+00

DRAWN: PRIVATE ENGINEER
 DESIGNED: PRIVATE ENGINEER
 REVIEWED: S.P. / H.P.
 RECOMMENDED: J.P. / S.P.
 DATE: 2/25/91

APPROVED: [Signature]
 DATE: [Blank]
 SCALE: 1" = 20' SHEET 5 OF 7
 PLAN NO. C-90-178



REFER TO CURRENT STRIPING PLANS
SHEET C 2002-024 (ST-950)

NOT IN CONTRACT (N.I.C.)

NOT IN CONTRACT (N.I.C.)

SEE SHEET No. 1
MATCH LINE STA. 45+25

SEE ABOVE RIGHT
MATCH LINE STA. 51+50

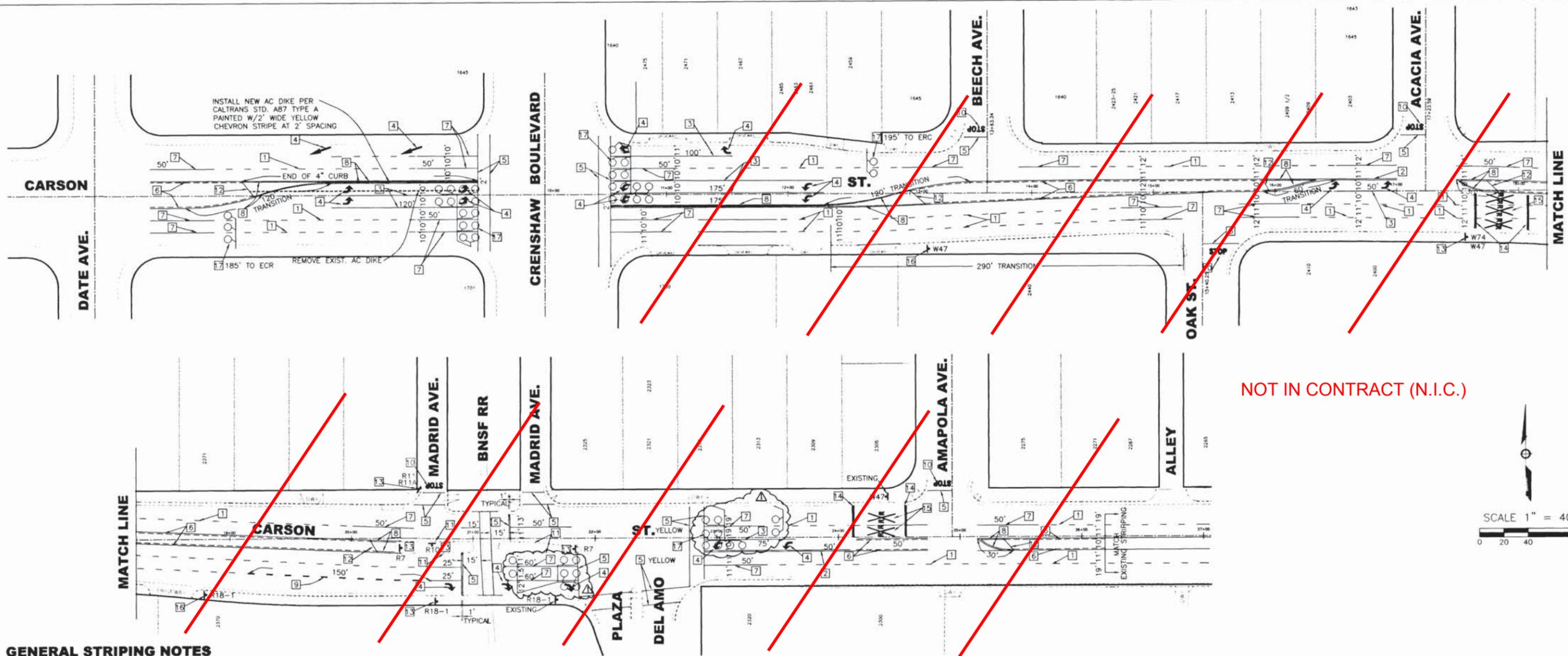
MATCH LINE STA. 51+50
SEE BELOW LEFT

REVISION	DATE	DESCRIPTION	BY	CHECKED
CITY OF TORRANCE DEPARTMENT OF TRANSPORTATION ARTHUR T. HORKAY DIRECTOR OF TRANSPORTATION				
CARSON STREET SIGNING AND STRIPING PLAN STA. 45+25 TO STA. 54+00				
DRAWN: PRIVATE ENGINEER			APPROVED: <i>[Signature]</i>	
DESIGNED: PRIVATE ENGINEER			DATE: _____	
REVIEWED: <i>[Signature]</i>			SCALE: 1" = 20'	
RECOMMENDED: <i>[Signature]</i>			SHEET 7 OF 7	
DATE: 2/25/91			PLAN NO. C-90-178	

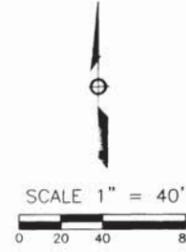


ASL Consulting Engineers
 CAROL B. ADAMS, R.C.E., T.E.
 1670.003.2
 SCALE: 1" = 20'
 DATE: JULY 1989

STUDY PLAN	Date
INSTALLED	Date
OBSOLETE	Date
SEE PLAN NO.	



NOT IN CONTRACT (N.I.C.)



GENERAL STRIPING NOTES

1. TRAFFIC STRIPES, PAVEMENT LEGENDS AND RAISED PAVEMENT MARKERS SHALL CONFORM TO CALTRANS TRAFFIC MANUAL; MAINTENANCE MANUAL; STANDARD PLANS, AND STANDARD SPECIFICATIONS 84 AND 85, JULY, 1999.
2. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER. SANDBLASTING DEBRIS SHALL BE REMOVED BEFORE THE END OF EACH WORKING DAY.
3. STRIPING SHALL BE APPLIED WITHIN 24 HOURS OF SURFACE COURSE PLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
4. NEW SIGNPOSTS SHALL BE GALVANIZED STEEL, EASY ERECT BREAKAWAY, OR STEEL TUBING WITH BREAKAWAY BASE, "UNI-STRUT" OR APPROVED EQUAL, UNLESS OTHERWISE NOTED. SIGNS SHALL BE MOUNTED ON STREET LIGHT POLES WHENEVER FEASIBLE.
5. STRIPING SHALL BE CAT TRACKED AND APPROVED BY THE CITY PLANNING DEPARTMENT PRIOR TO FINAL INSTALLATION.
6. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO SECTION 84 AND 85 OF THE LATEST EDITION OF THE CALTRANS STANDARD SPECIFICATIONS AND THE APPROPRIATE DETAILS IN THE CALTRANS TRAFFIC MANUAL.
7. ALL STRIPING DETAILS, PAVEMENT MARKINGS AND CROSSWALKS SHALL BE THERMOPLASTIC.
8. ALL STRIPING SHALL INCLUDE RAISED PAVEMENT MARKERS (RPMs) PER THE APPROPRIATE CALTRANS TRAFFIC MANUAL DETAILS.
9. THINNING OF PAINT SHALL NOT BE ALLOWED.
10. SIGNS SHALL CONFORM TO THE CURRENT CALTRANS SIGN SPECIFICATIONS. SIGN SIZE SHALL BE THE STANDARD SIZE NOTED IN THE SIGN SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE PLAN. NEW SIGNS SHALL BE NIKKOLITE S.E.G. W3600 VANDAL RESISTANT INK ON 0.080" ALUMINUM PLATE (SEE SPECIAL PROVISIONS).
11. ALL SALVAGED MATERIALS SHALL BE DELIVERED TO CITY YARD, 20500 MADRONA AVE., TORRANCE CA.
12. INSTALL 6" DIAMETER CIRCULAR LOOPS, CENTERED IN THE LANE, WITH 10' (CLEAR) SPACING IN THE DIRECTION OF TRAVEL, PER CALTRANS STANDARD PLAN ES-5B, TYPE E.
13. INSTALL FRONT LOOPS 1.5' INTO CROSSWALK OR LIMIT LINE AREA, UNLESS SHOWN OTHERWISE ON THE PLANS.

CONSTRUCTION NOTES

1. INSTALL 4" SKIP LINE WITH RPM PER CALTRANS STD. PLAN A20 (DETAIL 9).
2. INSTALL DOUBLE YELLOW CENTERLINE WITH RPM PER CALTRANS STD. PLAN A20 (DETAIL 22).
3. INSTALL 8" WHITE CHANNELIZATION LINE WITH RPM PER CALTRANS STD. PLAN A20 (DETAIL 38).
4. INSTALL TYPE IV (L) OR (R) OR TYPE VI ARROW AS INDICATED PER CALTRANS STD. PLAN A24.
5. INSTALL 12" LIMIT OR CROSSWALK LINE PER CALTRANS STD. PLAN A24, AS SHOWN IN WHITE UNLESS INDICATED OTHERWISE.
6. INSTALL YELLOW TWO-WAY LEFT TURN LANE STRIPING PER CALTRANS STD. PLAN A20 (DETAIL 32).
7. INSTALL 4" SOLID WHITE LANE LINE (50' TYPICAL).
8. INSTALL 2 SETS OF DOUBLE YELLOW CENTERLINE PER CALTRANS STD. PLAN A20 (DETAIL 29).
9. INSTALL 8" WHITE DASH LINE WITH RPM PER CALTRANS STD. PLAN (DETAIL 37B).
10. INSTALL PAVEMENT LEGENDS AS INDICATED PER CALTRANS STD. PLAN A24D.
11. INSTALL RAISE PAVEMENT MARKERS (RPM) PER CALTRANS STD. PLAN A20 (DETAIL 26).
12. INSTALL 8" WHITE SOLID LINE.
13. INSTALL SIGN AND POST AS INDICATED PER CALTRANS STANDARD SIGN CODE.
14. INSTALL 24" SOLID WHITE LIMIT LINE.
15. INSTALL RAILROAD PAVEMENT LEGENDS AS INDICATED PER CALTRANS STD. PLAN A24C AND CALTRANS TRAFFIC MANUAL FIGURE 6-44.
16. REMOVE EXISTING SIGN AND POST AS INDICATED.
17. INSTALL CIRCULAR LOOPS PER CALTRANS STANDARD PLAN ES-5B, TYPE E.



SIGNING & STRIPING PLAN

REV.	DATE	DESCRIPTION	BY	CHECKED
1	5-29-02	TRAFFIC DETECTOR LOOPS ARE NOT PART OF THIS CONTRACT	J.W.	A.S.
CITY OF TORRANCE PLANNING DEPARTMENT				
DRAWN: TT			RECOMMENDED: <i>[Signature]</i> 6 May 02	
DESIGNED: ALAN LEUNG			JEFFREY W. GIBSON PLANNING DIRECTOR	
PROJECT MANAGER: <i>[Signature]</i> 5/6/02 CRAIG ENZEZRIAN R.C.E. #55339			DATE	
APPROVED BY: <i>[Signature]</i> 5/6/02 TOUFIC J. SEMAN R.C.E. #59226			SCALE: 1"=40' SHEET 1 OF 1	
PLAN NO. C2002-024(ST-950)				