RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

ALESSANDRO BLVD. REHABILITATION
MISSION GROVE PKWY. TO SYCAMORE CANYON BLVD.
FEDERAL-AID PROJECT NO. STPL - 5058 (060)

CONSTRUCTION LEGEND

CENTER LINE	——℄——	TOP OF SLOPE	
RIGHT-OF-WAY	——R/W——	TOE OF SLOPE	
SUBDIVISION LOT LINE	——PL——	DIRECTION OF FLOW	----------

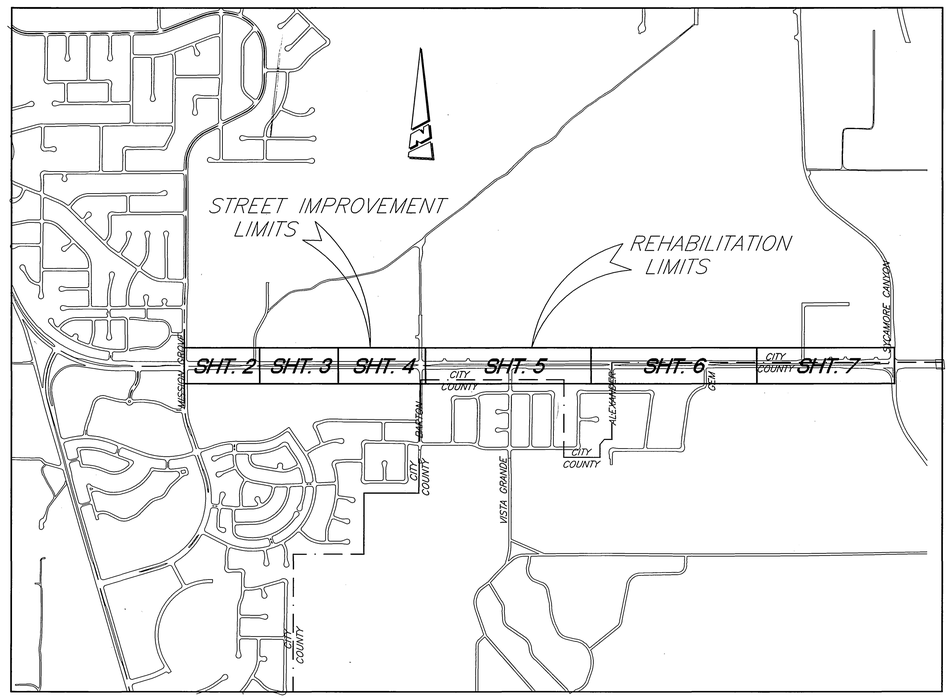
GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1997 EDITION.
2. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS —?—?—? INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
3. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
4. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR C-12 LICENSE.
5. THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, WITH THE LANE LINES.
6. GRADE SHEETS SHALL BE REQUIRED FOR CURB, C&G OR EP REMOVALS GREATER THAN 50'

   SURVEY AND PROCESSING GRADE SHEETS FOR REPLACEMENT OF THE IMPROVEMENTS.
7. ALL CRACKS IN PAVEMENT LESS THAN 1" IN WIDTH SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL AND ALL CRACKS GREATER THAN 1" IN WIDTH SHALL BE FILLED WITH F-AR-4000 A.C. PRIOR TO APPLICATION OF ARHM (SEE SPECIAL PROVISIONS).
8. MANHOLES AND VALVES WITHIN THE GRINDING OR PAVEMENT REPLACEMENT LIMITS SHALL NOT BE ADJUSTED TO GRADE. INSTEAD, ENOUGH GRINDING (OR PVMT. REMOVAL BY OTHER MEANS) SHALL BE DONE TO PROVIDE A SMOOTH FINISHED SURFACE TRANSITION AROUND THE COMPLETE CIRCUMFERENCE OF THE STRUCTURE AS NOTED PER PLAN. EXCEPTIONS TO THIS ARE WHERE MH'S AND VALVES ARE WITHIN PVMT. REMOVAL AREAS BUT ARE TOO CLOSE (WITHIN 3') TO THE ADJACENT PROPOSED A.C. OVERLAY.
9. PULL BOXES FOR SPLICING TRAFFIC LOOP DETECTOR CONDUCTORS AND LEAD-IN CABLE ARE NORMALLY ADJACENT TO DETECTORS, UNLESS OTHERWISE SHOWN ON THE PLAN.
10. RESURFACING LIMITS SHOWN AT INTERSECTIONS ARE NOT ABSOLUTE. THE INSPECTOR MAY REQUEST GRINDING AND PAVING INTO SIDE STREETS TO IMPROVE RIDE QUALITY AND OTHER STREET CONDITIONS.
11. PLANS DO NOT TYPICALLY INDICATE LOCATIONS OF WATER VALVES OR FIRE HYDRANTS TO SIMPLIFY PLAN PREPARATION EFFORT; HOWEVER, THESE FACILITIES MUST BE LOCATED DURING CONSTRUCTION TO MAKE VALVE BOX ADJUSTMENTS AND BLUE HYDRANT MARKER INSTALLATIONS. THE VALVE BOXES MUST BE "TIED OUT" AS PART OF THE CONTRACTORS WORK.
12. PAVEMENT PREPARATION SHALL CONSIST OF REMOVAL AND REPLACEMENT (R&R) OF DETERIORATED PAVEMENT AREAS AS MARKED BY THE INSPECTOR AT THE TIME OF CONSTRUCTION. QUANTITIES SHOWN ON THE PLANS ARE BASED UPON R&R SECTIONS AS LISTED IN THE QUANTITY TABLE.

SPECIFIC CONSTRUCTION NOTES

- ⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ — ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS AND TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- ARHM / 12 — CONSTRUCT ASPHALT RUBBER HOT MIX GAP GRADED (AHRM-GG) OVERLAY. MINIMUM OVERLAY THICKNESS
- OL / VAR — CONSTRUCT A VARIABLE THICKNESS DGAC LEVELING COURSE (0.03' TO 0.30')
- R / 0.4 — REMOVE EXISTING ROADWAY. CONSTRUCT 0.40' THICK FULL DEPTH AC STRUCTURAL SECTION.
- S / 0.4 — CONSTRUCT 0.40' THICK FULL DEPTH AC STRUCTURAL SECTION.
- ABB / C — STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPT. OF TRANSPORTATION, STANDARD PLANS, DATED JULY 1992.
- G1 — GRIND EX. AC 0.10' BELOW GUTTER LIP OR OUTER EDGE, "DAY-LIGHTING" IN 5' (TYPE 1 GRINDING) EXCEPT AS SHOWN OTHERWISE ON PLAN AND DESCRIBED IN SPECIAL PROVISIONS.
- G2 / 0.1 — GRIND EX. AC 0.1' BELOW EX. AC SURFACE OR ADJACENT P.C.C. GUTTER (TYPE 2 GRINDING).
- TDL / 8 — TRAFFIC DETECTOR LOOP INSTALLATIONS; NUMBER OF DETECTOR LOOPS



PROJECT LOCATION MAP

0 KM. 1 KM. 5 KM. 10 KM.

0' 500' 1,000' 2,000' 3,000' 4,000' 5,000' 6,000'

SCALE : 1" = 1,000'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	——8"S——	TELEPHONE CONDUIT	——T——T——
WATER LINE	——6"W——	ELECTRICAL CONDUIT	——E——E——
STORM DRAIN	——24"SD——	ELECTROLIER LIGHTING CONDUIT	——ELC——
GAS LINE	——3"G——	TRAFFIC SIGNAL	——SIG——SIG——
ABANDONED UTILITY	——6"G(ABAN'D.)——	FIRE ALARM	——F——F——

EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW
- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H.
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- BUS STOP SIGN
- BLOW-OFF VALVE
- IRRIGATION STAND PIPE
- POLE & GUY ANCHOR
- POWER POLE
- TELEPHONE POLE
- TELEPHONE RISER
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- WALK-DON'T WALK PEDESTRIAN SIGNAL
- ELECTROLYSIS TEST STATION
- WHEEL STOP
- A.C. BERM
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT ON MAST ARM
- STEEL POST
- WOOD POST
- CONCRETE
- ASPHALT
- BUILDING
- EDGE OF PAVEMENT

REHABILITATION QUANTITIES

No.	ITEM	UNIT	QUANTITY
1	Cold Milling-Type I (5'Wide)	LF	9,035
2	Cold Milling-Type I (10'Wide)	LF	1,133
3	Cold Milling-Type II (0.10' Thick)	SF	6,000
4	Structural Section Removal	CY	908
5	DGAC Pavement	TON	1,893
6	DGAC Leveling Course	TON	130
7	Asphalt Rubber Hot Mix-Gap Graded	TON	8,310
8	Crack Fill (F)	LF	9,550
9	Crack Repair	LF	940
10	Detector Loop Installation	EA.	26
11	Adjust Sewer or SD MH. to Grade	EA.	11
12	Adjust Electric Vault to Grade	EA.	5
13	Raised Reflective Pavement Marker	EA.	5
14	R&R PCC C&G, Std. 200, Type I	LF	132
15	R&R PCC Sidewalk & Ramp, Std. 325 & 304	SF	1,320
16	Grind Existing Curb Depression at WCR	LF	12

RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
DIRECTOR OF TRANSPORTATION DEPT.
DATE 6/27/01

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/2001
DATE 6/15/2001

REGISTERED PROFESSIONAL ENGINEER — LAUREN F. CALDWELL — No. 39441 — Exp. 12-31-2001 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY RVZ DRAWN BY CD/DS CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	TJB	7/2/01
PRINCIPAL ENGINEER	[illegible]	7/5/01
CONTRACT ADMINISTRATOR	[illegible]	07/26/01
SURVEYOR	DWSB	6/18/01
STREET SERVICES		
TRAFFIC DIVISION	[illegible]	07/17/01
PARKS DEPARTMENT		

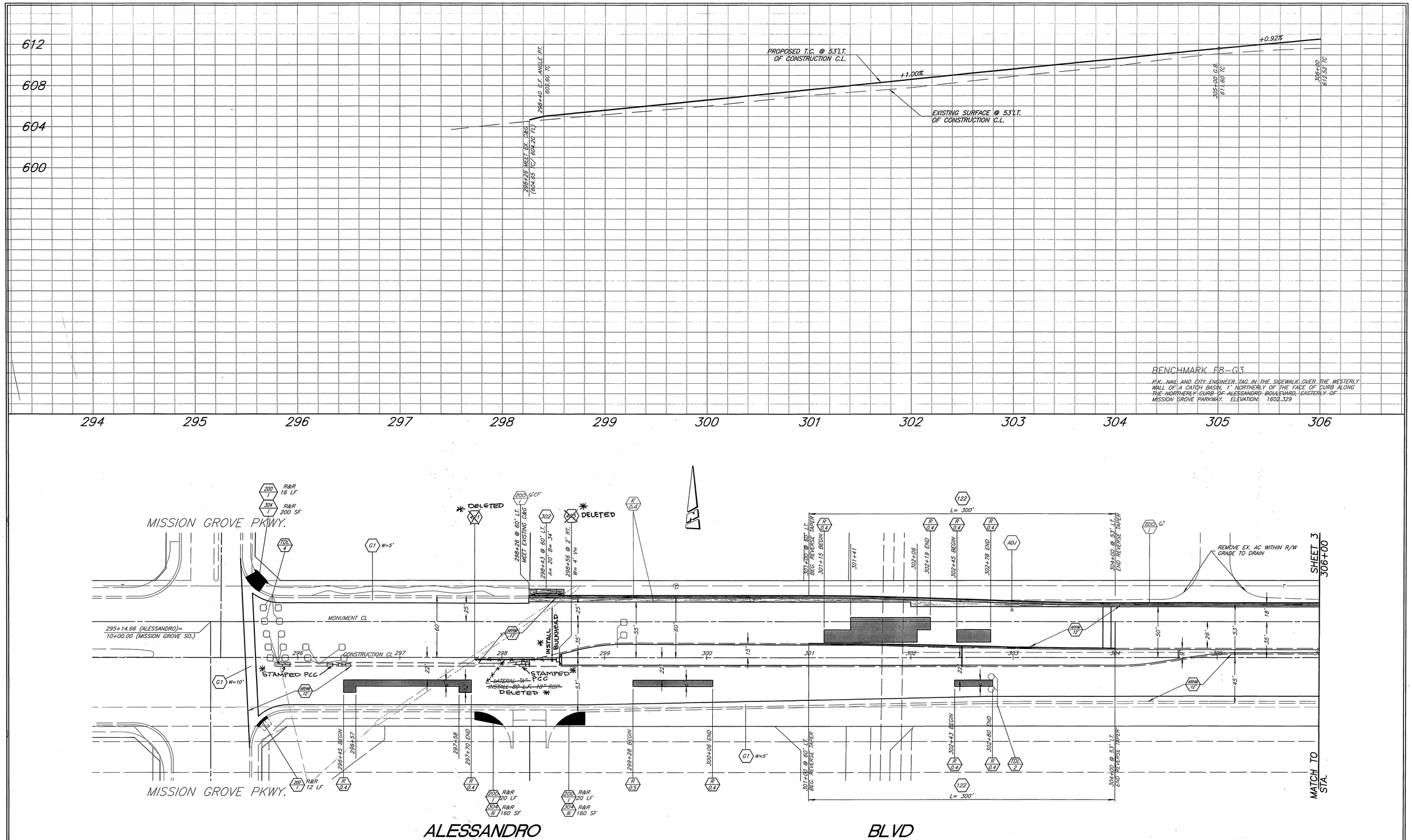
APPROVED BY R. McBride
PUBLIC WORKS DIRECTOR
DATE 7-5-2001

*AS-BUILT 11-09-05 GH

ALESSANDRO BLVD. REHABILITATION
Mission Grove Pkwy. to Sycamore Cyn.
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9539828203 440301XX
R-3580
SHEET 1 OF 7

INDEXED 3-8-02 GH



ENGINEER IN RESPONSIBLE CHARGE

LAUREN F. CALDWELL
R.C.E. No. 39441 expires 12/31/2001

DATE 6/26/2001

REGISTERED PROFESSIONAL ENGINEER
LAUREN F. CALDWELL
No. 39441
Exp. 12-31-2001
CIVIL
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY RVZ DRAWN BY GS/DD CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		7/5/01
PRINCIPAL ENGINEER		7/5/01
CONTRACT ADMINISTRATOR		7/5/01
SURVEYOR		7/5/01
STREET SERVICES		7/5/01
TRAFFIC DIVISION		7/5/01
PARKS DEPARTMENT		

APPROVED BY
PUBLIC WORKS DIRECTOR
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ALESSANDRO BLVD. REHABILITATION

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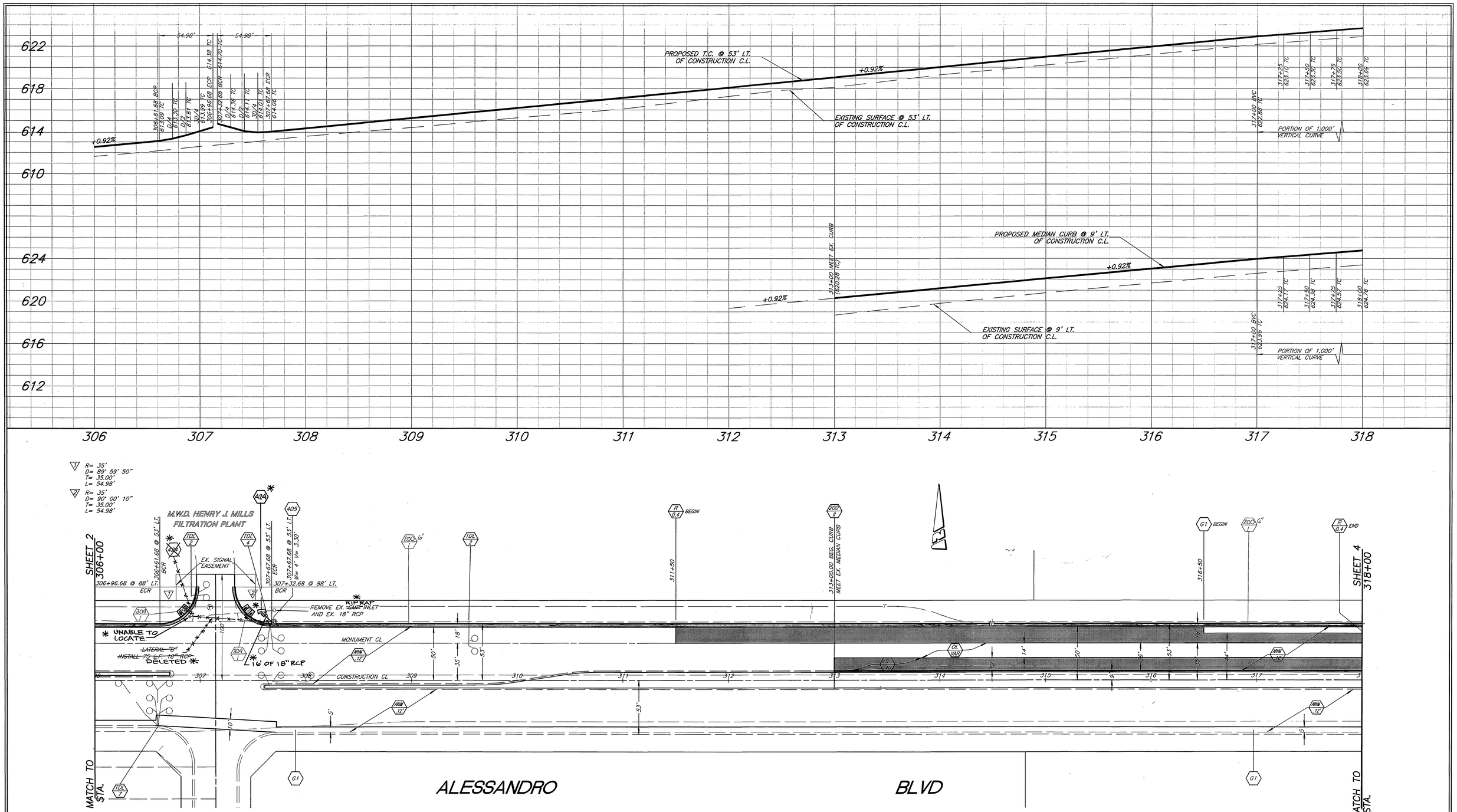
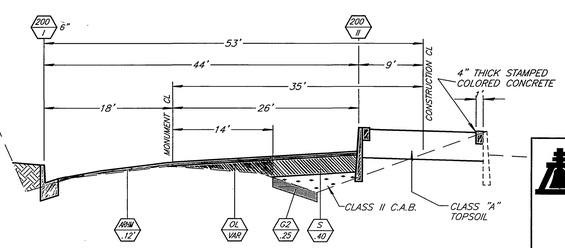
SHEET 2 OF 7

INDEXED 3-8-02 HH





TYPICAL SECTION
STA. 313+00 TO 326+00
SCALE: HORIZ. 1" = 10'
VERT. 1" = 2'

*AS-BUILT 11-09-03 GH

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PRINCIPAL ENGINEER		7/5/01
CONTRACT ADMINISTRATOR		7/5/01
SURVEYOR		7/5/01
STREET SERVICES		7/5/01
TRAFFIC DIVISION		7/5/01
PARKS DEPARTMENT		

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ALESSANDRO BLVD. REHABILITATION

Mission Grove Pkwy. to Sycamore Cyn.

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

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SHEET 3 OF 7

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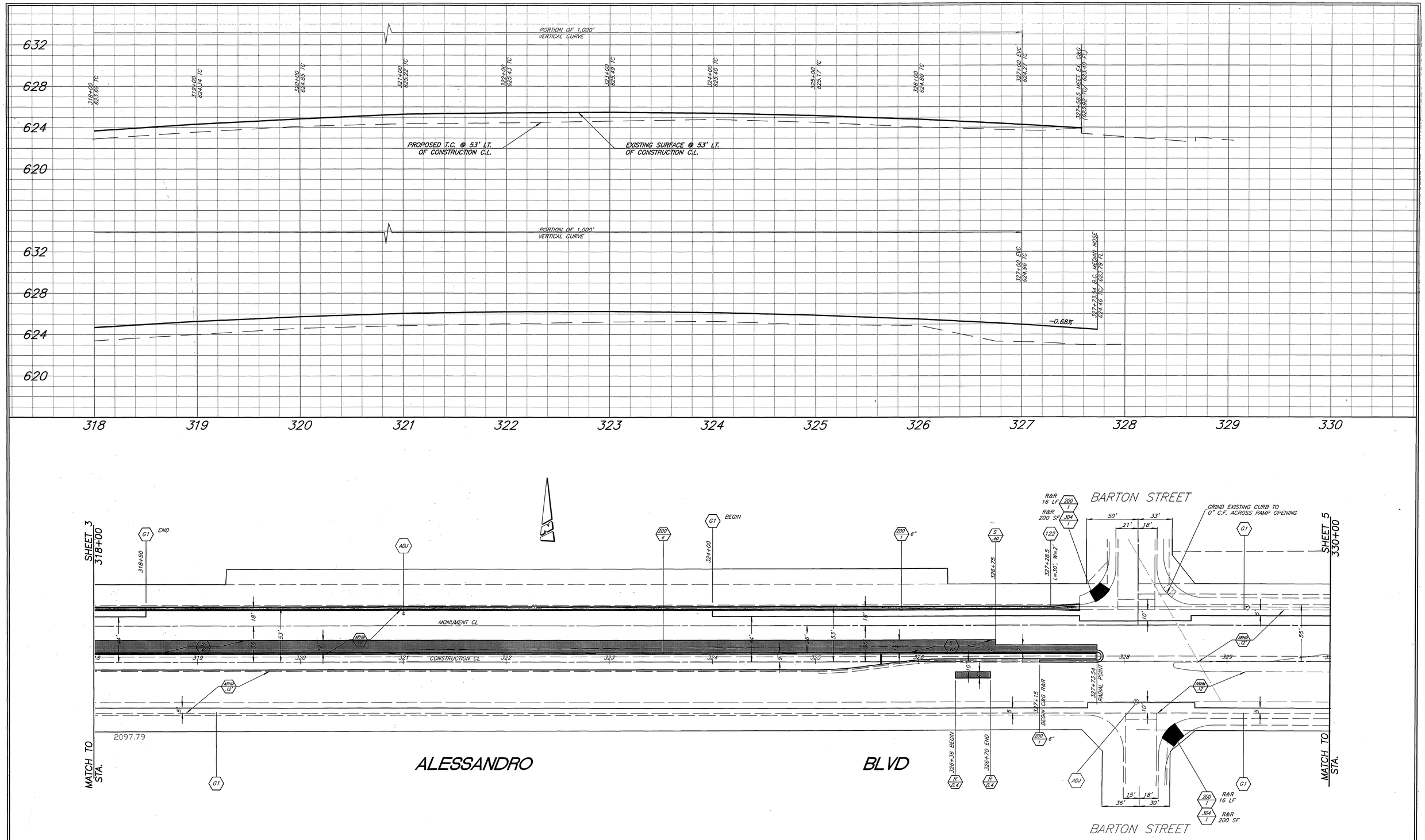

* AS-BUILT 11-09-05 LH

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DEPUTY P.W. DIRECTOR		7/2/01
PRINCIPAL ENGINEER		6/25/01
CONTRACT ADMINISTRATOR		7/1/01
SURVEYOR		6/26/01
STREET SERVICES		7/2/01
TRAFFIC DIVISION		6/13/01
PARKS DEPARTMENT		

APPROVED BY R. McBride
PUBLIC WORKS DIRECTOR
DATE 7-5-2001

ALESSANDRO BLVD. REHABILITATION

Mission Grove Pkwy. to Sycamore Cyn.

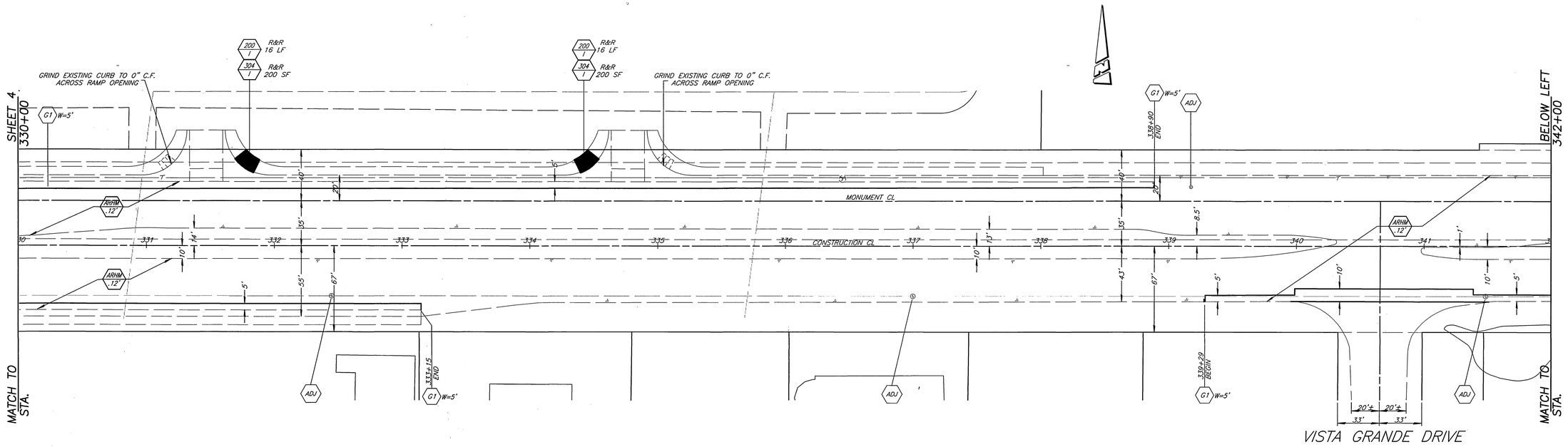
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9539828203 440301XX

R-3580

SHEET 4 OF 7

INDEXED 3-8-02 LH



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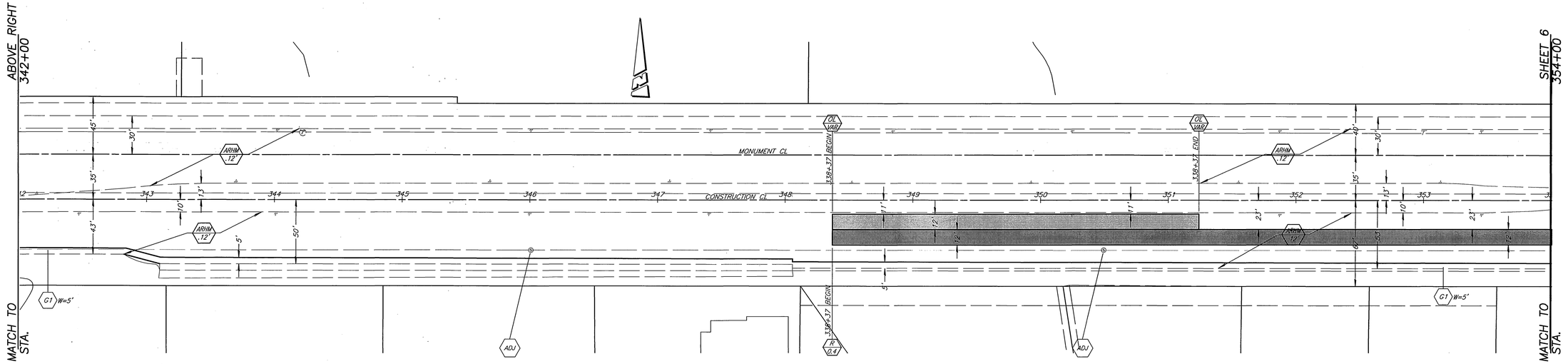

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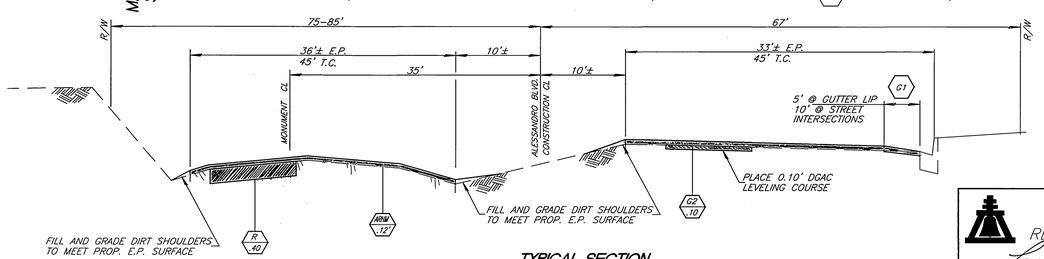

TYPICAL SECTION
BARTON TO SYCAMORE CANYON
SCALE: HORIZ. 1"= 10'
VERT. 1"= 2'

*AS-BUILT 11-09-05 HH

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PRINCIPAL ENGINEER		7/5/01
CONTRACT ADMINISTRATOR		7/5/01
SURVEYOR		7/5/01
STREET SERVICES		7/5/01
TRAFFIC DIVISION		7/5/01
PARKS DEPARTMENT		

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PUBLIC WORKS DIRECTOR
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ALESSANDRO BLVD. REHABILITATION

Mission Grove Pkwy. to Sycamore Cyn.

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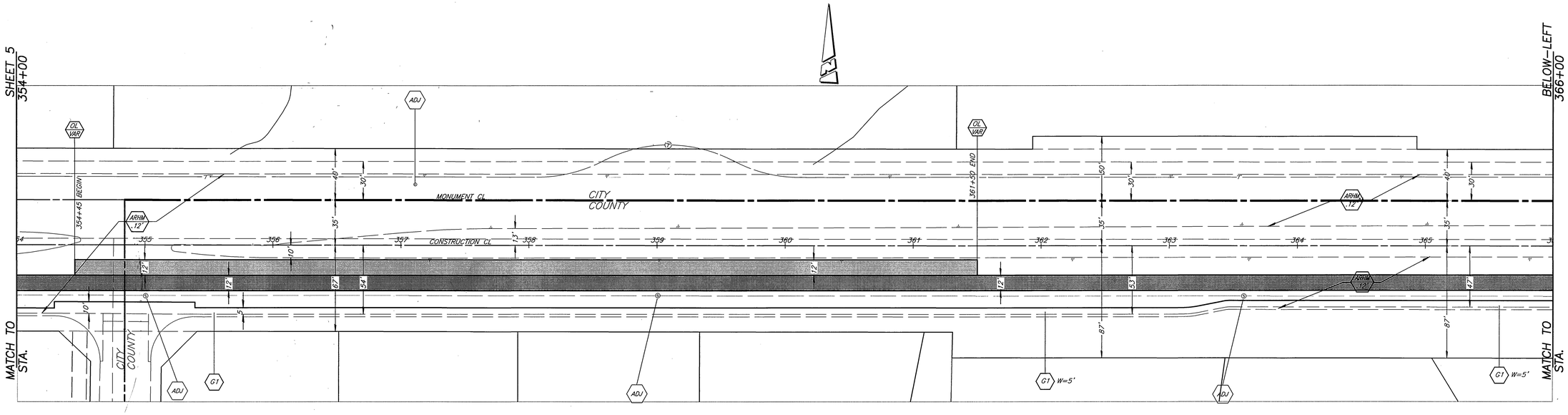
R-3580

SHEET 5 OF 7

INDEXED 3-8-02 HH



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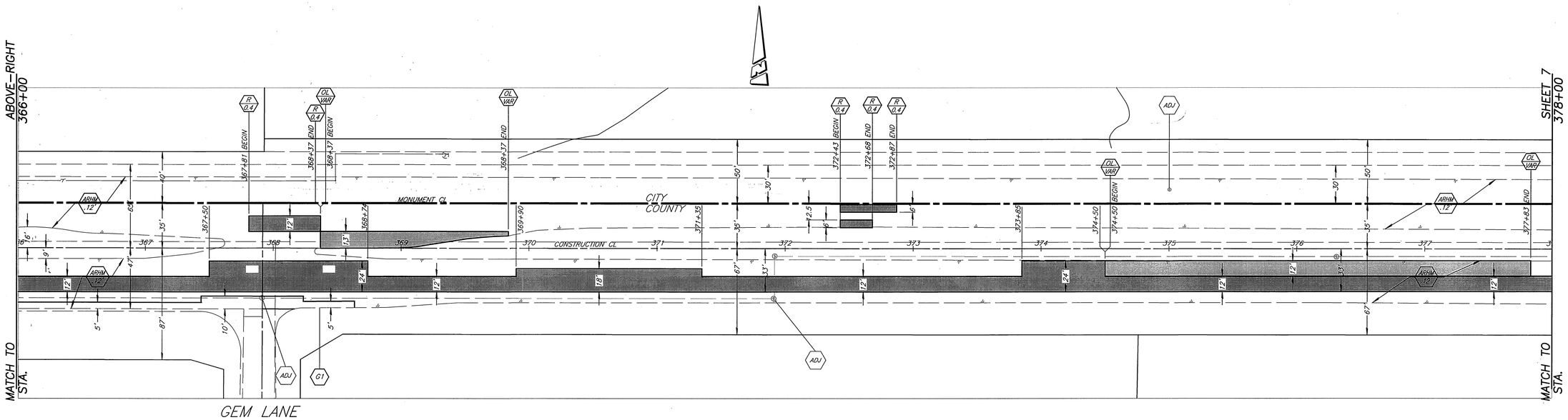

ALESSANDRO BLVD

* AS-BUILT 11-09-05 4H

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DEPUTY P.W. DIRECTOR	DTC	6/13/01
PRINCIPAL ENGINEER	[illegible]	6/15/01
CONTRACT ADMINISTRATOR	[illegible]	6/14/01
SURVEYOR	[illegible]	6/13/01
STREET SERVICES	[illegible]	6/18/01
TRAFFIC DIVISION	[illegible]	6/13/01
PARKS DEPARTMENT	—	—

APPROVED BY R. McGrath
PUBLIC WORKS DIRECTOR
DATE 7-5-2001

ALESSANDRO BLVD. REHABILITATION

Mission Grove Pkwy. to Sycamore Cyn.

HORIZ. SCALE: 1" = 40'

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SHEET 6 OF 7

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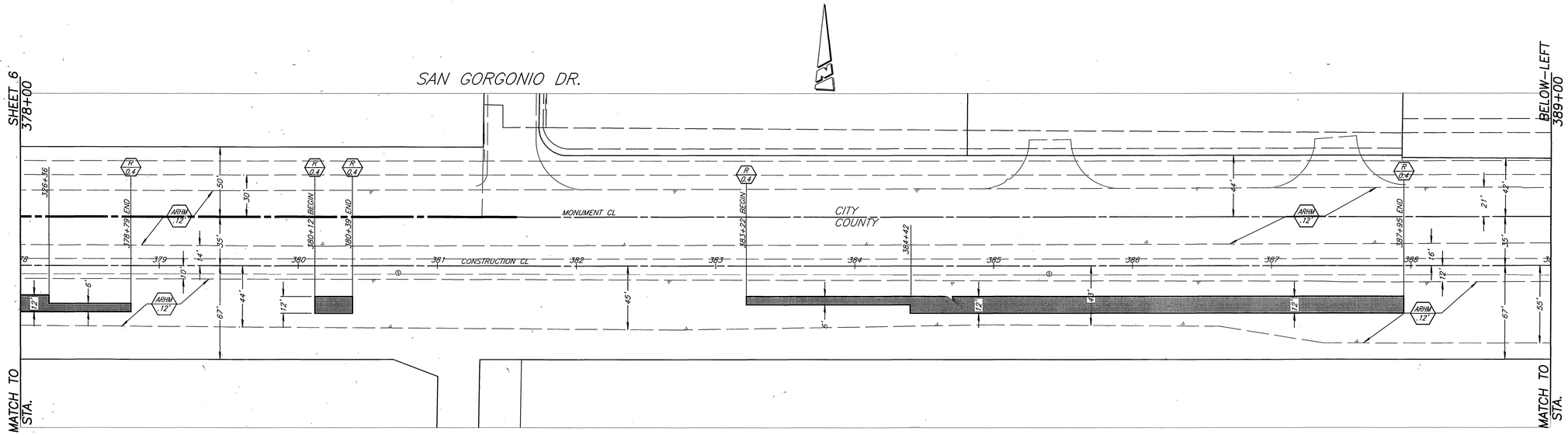

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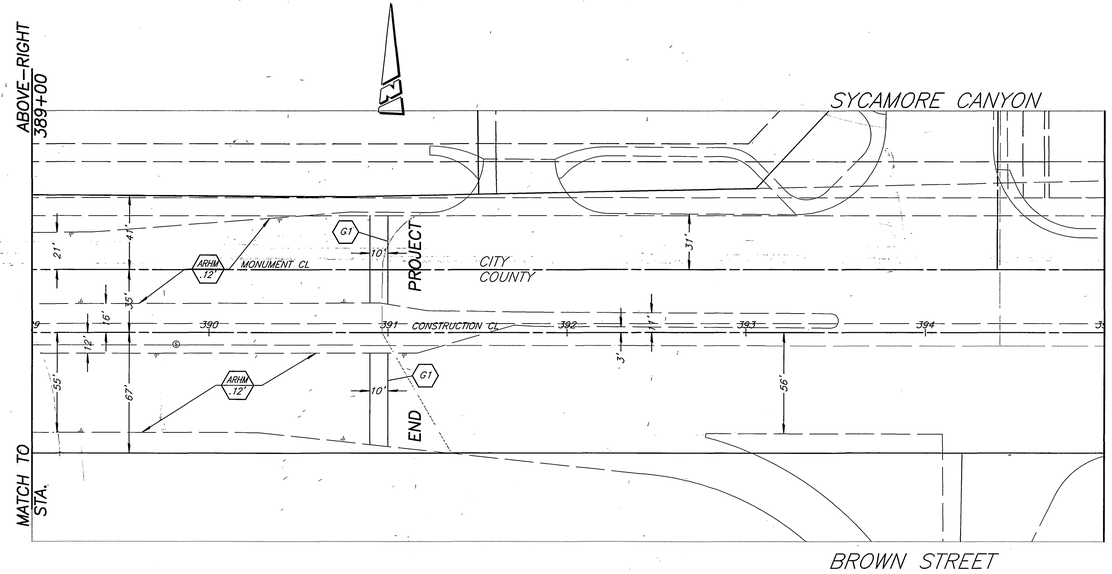

BROWN STREET

ALESSANDRO BLVD

* AS-BUILT 11-09-05 LFH

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PRINCIPAL ENGINEER		7/26/01
CONTRACT ADMINISTRATOR		7/26/01
SURVEYOR		7/26/01
STREET SERVICES		7/26/01
TRAFFIC DIVISION		7/26/01
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APPROVED BY R. McBride
PUBLIC WORKS DIRECTOR
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ALESSANDRO BLVD. REHABILITATION

Mission Grove Pkwy. to Sycamore Cyn.

HORIZ. SCALE: 1" = 40'

ACCT. NO. 9539828203 440301XX

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SHEET 7 OF 7

INDEXED 3-8-02 LFH