

TOWN OF ADDISON, TEXAS

Addison Road and Keller Springs Road Milling and HMAC Overlay Project

Project No. 91009.00

RECORD DRAWING
AS BID

Drawing Legend

- 1 General Notes & Traffic Control
- 2 Pavement Marking Layout
- 3 Pavement Marker Details
- 4 Traffic Signal Details
- 5 Miscellaneous Details
- 6-30 Addison Road Plan Sheets
- 31-36 Keller Springs Plan Sheets

May 1991



Rady & Associates, Inc.
Engineers • Architects • Planners

910 Collier Street Fort Worth, Texas 76102 817/335-6511

RECORD DRAWING
AS BID



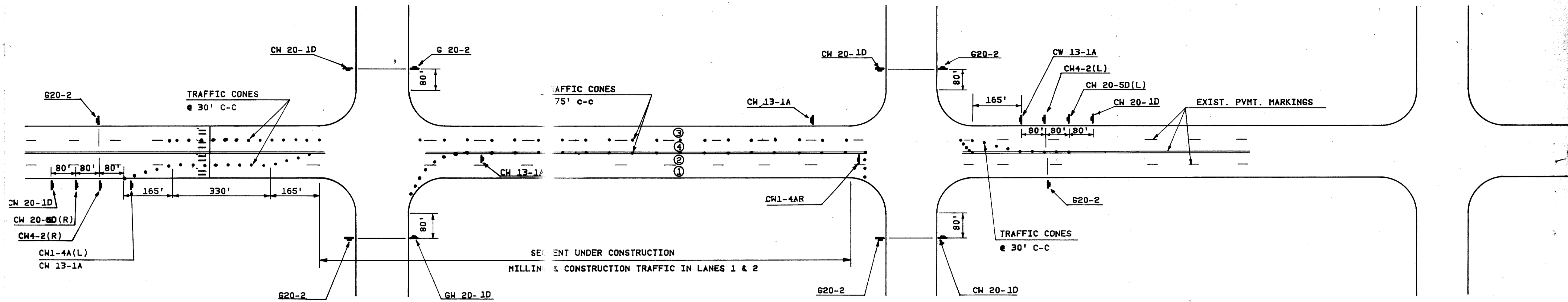
GENERAL NOTES

- CONTRACTOR TO COMPLETE ALL WORK IN ONE LANE BEFORE MOVING INTO ANOTHER LANE TO BEGIN WORK. ALL WORK WILL BE CONTAINED WITHIN A SEGMENT LENGTH (SEGMENT LENGTH AS SHOWN IN DETAIL THIS PAGE AND HAVING ALL NECESSARY CONSTRUCTION SIGNAGE PER THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS") OR AS MANY SEGMENT LENGTHS AS CONTRACTOR HAS REQUIRED SIGNS, DEVICES, MARKERS, ETC.
- IT IS THE INTENT OF THE OWNER TO HAVE EACH SERIES OF DAILY WORK COMPLETED AND RETURNED FOR TRAFFIC USE AT THE END OF EACH WORKING DAY. CONTRACTOR SHALL ADJUST ONLY THAT AMOUNT OF UTILITIES IN EACH WORKING DAY THAT CAN BE BACKFILLED AND REOPENED TO TRAFFIC WITHIN ONE HOUR OF SUNSET (APPROXIMATELY 7:30 PM).
- WATER VALVES, SANITARY SEWER MANHOLES, STORM DRAIN MANHOLES, AND SANITARY SEWER CLEANOUTS ARE TO BE LOWERED PRIOR TO MILLING OPERATIONS AND ADJUSTED TO FINISHED GRADE AFTER COMPLETION OF THE HMAC OVERLAY. SEE SHEET 5 FOR ADJUSTMENT DETAILS. CONTRACTOR SHALL REFERENCE THE LOCATION OF LOWERED UTILITIES PRIOR TO BACKFILLING, SO THEY CAN BE LOCATED FOR ADJUSTMENT AFTER COMPLETION OF THE HMAC OVERLAY. ALSO, CONTRACTOR SHALL PLACE A PAINT MARK ON THE NEAREST FACE OF CURB ADJACENT TO LOWERED UTILITIES.
- VEHICLE DETECTOR LOOPS AND LOWERED UTILITIES SHALL HAVE LOCATIONS REFERENCED TO THREE INDEPENDENT POINTS. THE CONTRACTOR SHALL SUPPLY A LIST OF ALL REFERENCED LOOPS AND UTILITIES TO THE CITY ENGINEER.
- PAVEMENT MILLING AND HMAC OVERLAY TO PROCEED ONE LANE AT A TIME IN NUMERICAL ORDER. PLACE TEMPORARY STRIPING ON MILLED AND OVERLAYED SECTIONS PRIOR TO OPENING THEM TO TRAFFIC.
- CONTRACTOR IS TO USE ONE OF THE FOLLOWING MANUFACTURERS' ADD MIXES TO PRODUCE A HIGH EARLY STRENGTH CONCRETE FOR CONCRETE APRONS AROUND RAISED UTILITY BOXES/MANHOLES:

MASTER BUILDERS	SET 45
M. R. GRACE	DARASET W/TYPE III CEMENT
SIKA	
CORMIX	GILCO HIGHWAY PATCH
- CONTRACTOR SHALL FOLLOW MANUFACTURERS' DIRECTIONS AND RECOMMENDATIONS ON THE PREPARATION, PLACEMENT AND CURING OF CONCRETE. MAXIMUM ALLOWABLE CURE TIME FOR CONCRETE MIX WILL BE 3 HOURS AFTER PLACEMENT. ALL CONCRETE WORK SHALL BE COMPLETED 5 HOURS, (DEPENDING ON MANUFACTURERS' REQUIRED SET TIME TO ATTAIN 2500 PSI COMPRESSIVE STRENGTH. TIME CAN BE ADJUSTED DOWN DEPENDING ON REQUIRED SET TIME) BEFORE SUNSET TO ALLOW FOR PROPER CURE AND REOPENING ROADWAY TO TRAFFIC (APPROXIMATELY 3:30 PM).
- CONTRACTOR IS TO COORDINATE ALL WORK WITH THE CITY OF ADDISON AND COUNTY OF DALLAS TO INSURE ALL NECESSARY TRAFFIC SIGNAGE AND DELINEATORS ARE IN PLACE PRIOR TO WORK BEGINNING, DURING THE PROJECT LIFE AND REMOVED AFTER PROJECT ACCEPTANCE. THE COUNTY OF DALLAS SHALL PERFORM MILLING AND OVERLAY OPERATIONS FOR THIS PROJECT. THE CONTRACTOR SHALL BE ON SITE DURING ALL MILLING AND OVERLAY OPERATIONS TO MAINTAIN TRAFFIC CONTROL. CONTRACTOR SHALL PROVIDE 24 HOUR MAINTENANCE AND MONITORING CAPABILITIES ON ALL TRAFFIC SIGNAGE. CONTRACTOR IS TO PROVIDE CITY ENGINEER WITH NAME AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SIGN MAINTENANCE.
- PRIOR TO REOPENING TRAFFIC LANES, ALL REQUIRED PAVEMENT MARKINGS (TEMPORARY AND/OR PERMANENT) ARE TO BE IN PLACE.
- PRIOR TO BEGINNING MILLING OPERATIONS, CONTRACTOR SHALL DISCONNECT EACH TRAFFIC SIGNAL LOOP & INDIVIDUAL PULL BOXES. CONTRACTOR SHALL NOTIFY CITY ENGINEER 48 HOURS BEFORE DISCONNECTING LOOPS SO THAT CONTROLLERS CAN BE REPROGRAMMED BY CITY PERSONNEL PRIOR TO DISCONNECTION.
- WHEN WORK PROGRESSES FROM ONE SEGMENT AREA TO THE NEXT SEGMENT AREA, CONTRACTOR SHALL HAVE IN PLACE ALL REQUIRED TRAFFIC DELINEATORS FOR BOTH SEGMENT AREAS.
- DURING WORK OPERATIONS IN STREET INTERSECTIONS, TRAFFIC SHALL BE DETOURED AND/OR MAINTAINED BY CONTRACTOR'S FLAGMEN.
- WORK SCHEDULE SHALL BE PROVIDED TO THE CITY ENGINEER PRIOR TO BEGINNING WORK SHOWING LANE AND SEGMENT AREA TO BE WORKED ON A DAILY BASIS.
- NEW VEHICLE DETECTOR LOOPS ARE TO BE PLACED IN EXISTING PAVEMENT AFTER MILLING OPERATIONS AND PRIOR TO OVERLAY OPERATIONS.

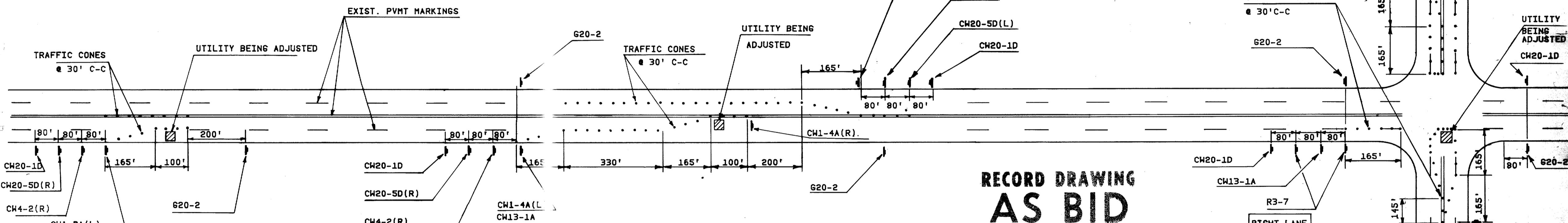
PHASING SCHEDULE

LANE DESIGNATION	4	3	2	1	4	3	2	1	4	3	2	1
UTILITY LOWERING	•	•	•	•	•	•	•	•	•	•	•	•
CONSTRUCTION TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
NORTH/EAST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
SOUTH/WEST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
MILLING	•	•	•	•	•	•	•	•	•	•	•	•
CONSTRUCTION TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
NORTH/EAST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
SOUTH/WEST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
OVERLAY (HM&C)	•	•	•	•	•	•	•	•	•	•	•	•
CONSTRUCTION TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
NORTH/EAST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
SOUTH/WEST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
UTILITY ADJUSTMENT	•	•	•	•	•	•	•	•	•	•	•	•
CONSTRUCTION TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
NORTH/EAST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•
SOUTH/WEST BOUND TRAFFIC	•	•	•	•	•	•	•	•	•	•	•	•



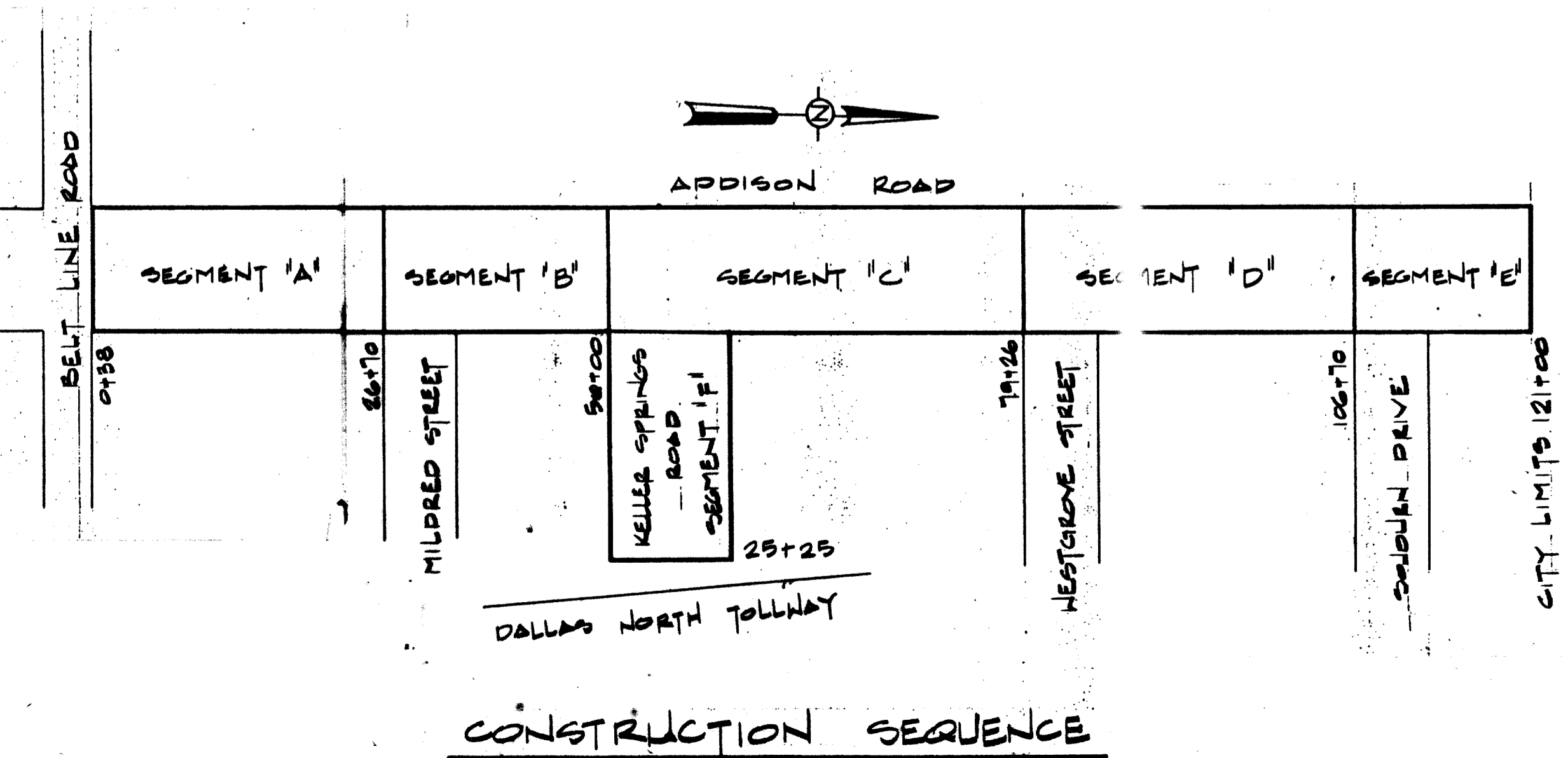
MILLING & OVERLAY OPERATIONS

NTS



UTILITY ADJUSTMENTS

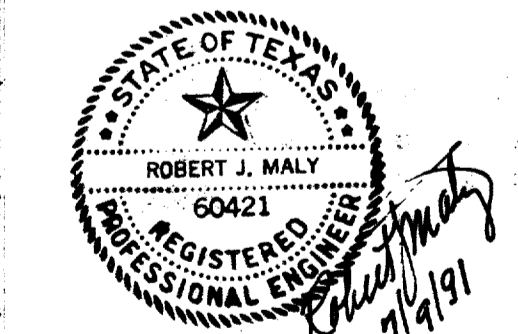
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CONSTRUCTION SEQUENCE

RECORD DRAWING AS BID

TYPE	DESCRIPTION
CW1-4A (L OR R)	OR
CW1-6A	
CW4-2 (L OR R)	OR
CW13-1A	XX MPH (30 MPH)
CW20-1D	ROAD CONSTRUCTION AHEAD
CW20-4D	ONE LANE ROAD AHEAD
CW20-5D (L OR R)	RIGHT LANE CLOSED AHEAD LEFT LANE CLOSED AHEAD
CW20-7D	FLAGMAN AHEAD
CW21-5A	SHOULDER WORK
G20-2	END CONSTRUCTION

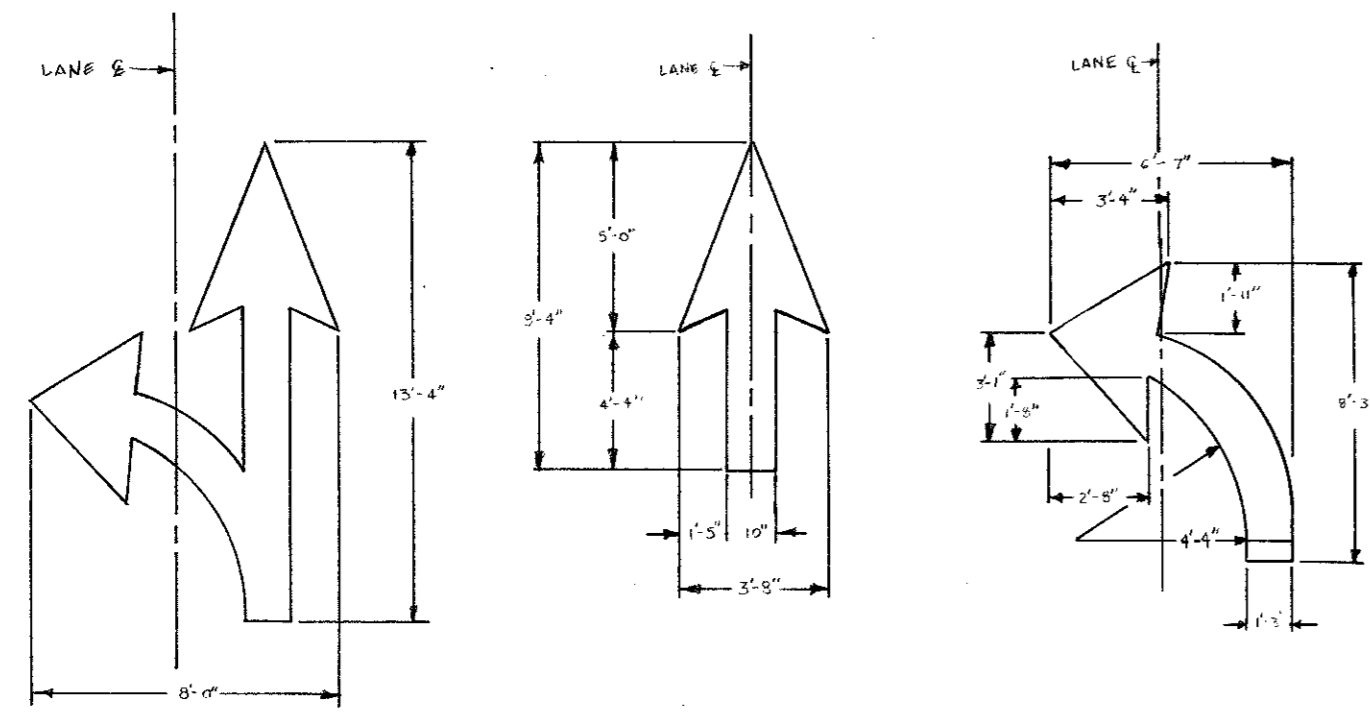


CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY

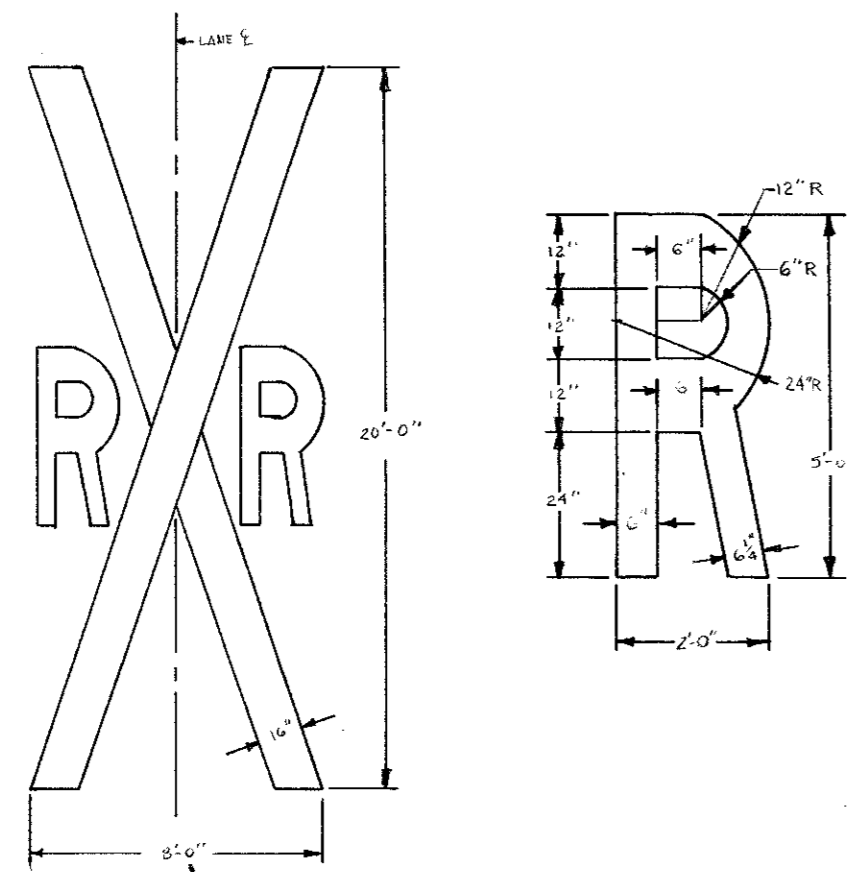
GENERAL NOTES /
TRAFFIC CONTROL

Rady & Associates, Inc.
Engineers - Architects - Planners
910 Collier Street Fort Worth, Texas 76102 817935-6511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: TAS	DATE: BY:	JOB NO: 91003
CHECKED BY: HBR/RJM		SHEET NO: 1



ELONGATED ARROWS FOR PAVEMENT MARKINGS

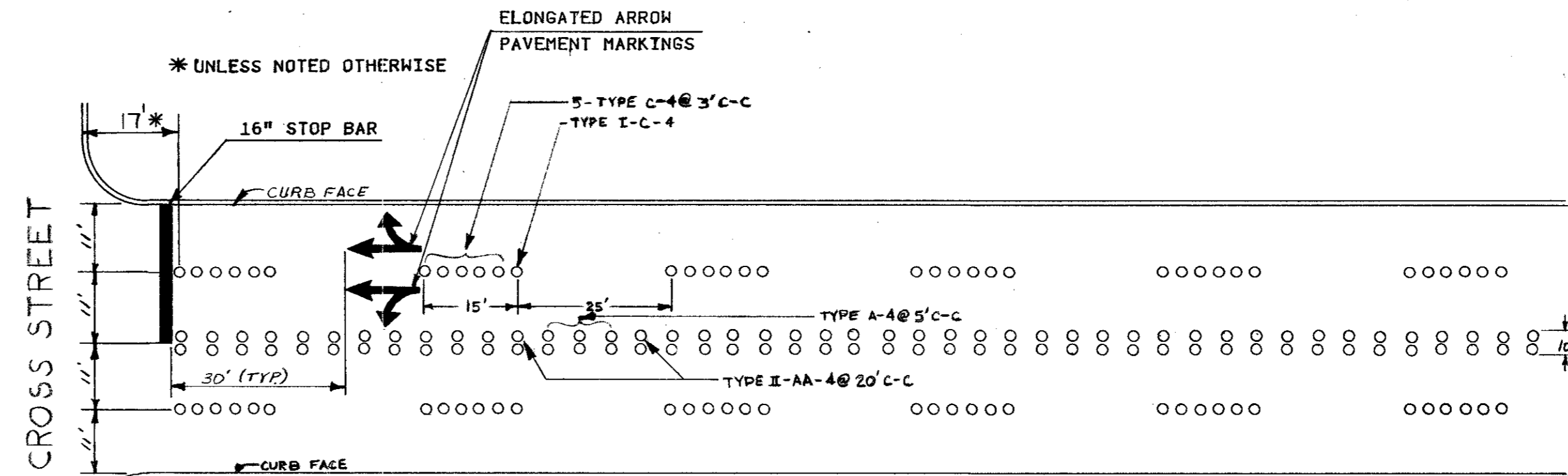


WIDTH MAY VARY ACCORDING TO LANE WIDTH

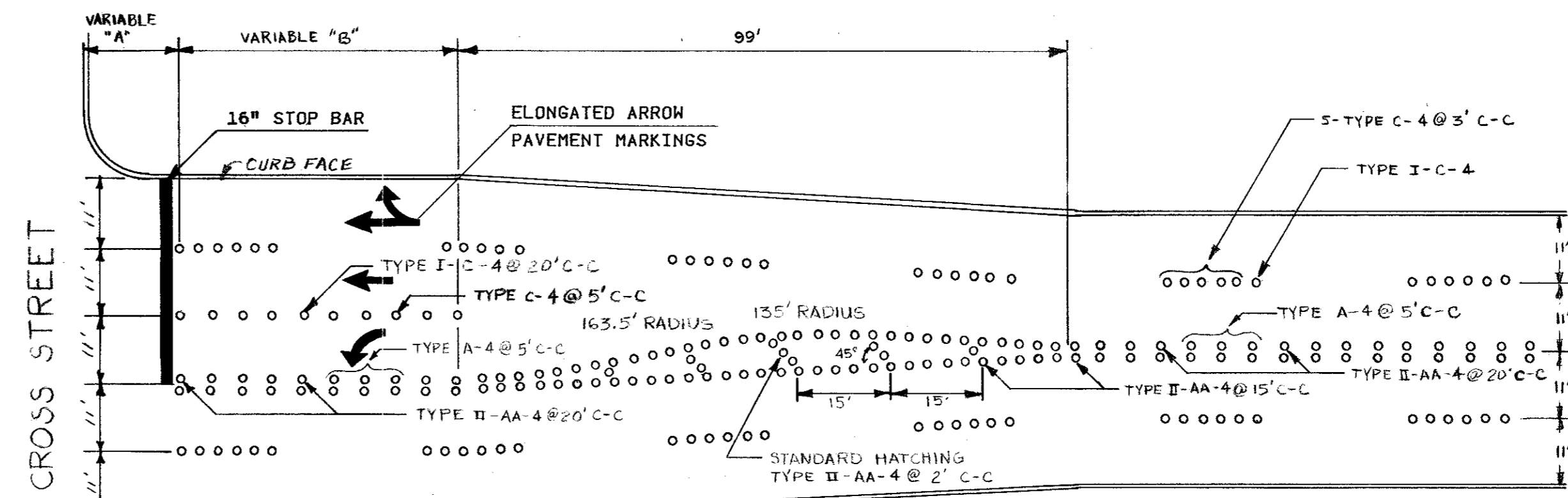
RAILROAD - HIGHWAY GRADE CROSSINGS FOR PAVEMENT MARKINGS

STOP BARS AND PAVEMENT MESSAGES

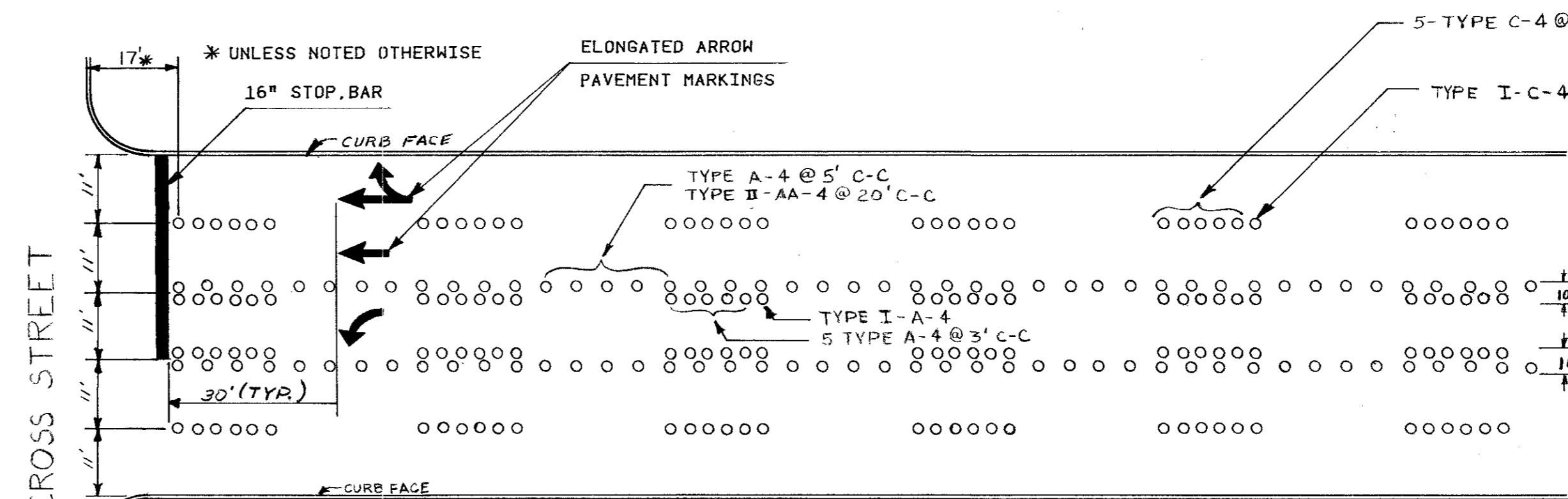
1. STOP BARS AND PAVEMENT MESSAGES SHALL BE ALKALYD THERMOPLASTIC OR APPROVED EQUAL EXCEPT WHERE THEY ARE LOCATED IN AREAS WHICH ARE TO BE MARKED WITH REFLECTORIZED PAINT. A SIXTEEN INCH TAPE WILL BE USED FOR A STOP BAR, NOT FOUR-FOUR INCH TAPES.
2. ALL STOP BARS AND PAVEMENT MESSAGES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS AMENDED IN THE 1978 VOLUME.



4 LANES UNDIVIDED



TYPICAL LEFT TURN

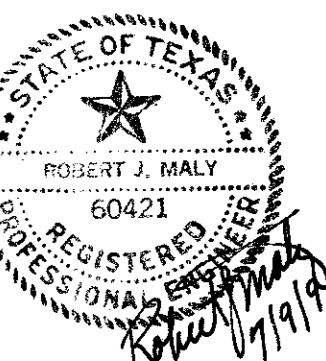


2 WAY LEFT TURN

TYPICAL LEFT TURN VARIABLES		
INTERSECTIONS	VARIABLES	
	A	B
ADDISON RD.-AIRPORT PKWY.	16'	NORTH 120'
ADDISON RD.-WESTGROVE DR.	13'	SOUTH 99', NORTH 125'
ADDISON RD.-SOJURN DR.	16'	66'

FOR OTHER LEFT TURN LANES SEE APPLICABLE PLAN SHEETS

NOTE: PAVEMENT MARKINGS ON ADDISON ROAD FROM LINDBERG DRIVE TO AIRPORT PARKWAY SHALL BE REFLECTORIZED PAINT. SEE PLAN SHEETS 9 THRU 14.



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
PAVEMENT MARKING LAYOUT

Rady & Associates, Inc.
 Engineers • Architects • Planners
 910 Collier Street Fort Worth, Texas 76102 817/395-6511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: CLR	BY:	JOB NO: 91009
CHECKED BY: WBR/RJM		SHEET NO. 2 OF 36

ROADWAY MARKERS SPECIFICATIONS

COLOR OF MARKERS :

- A : YELLOW BODY - AMBER REFLECTOR
- C : WHITE BODY - CRYSTAL REFLECTOR
- R : RED BODY - RED REFLECTOR

REFLECTIVE FACES :

- I : ONE FACE REFLECTORIZED
- II : BOTH FACES REFLECTORIZED

SIZES AND KINDS OF MARKERS :

- 4 : 4 INCH LANE MARKER
- 6 : 6 INCH CHANNEL MARKER OR JIGGLE BAR
- 8 : 8 INCH CHANNEL MARKER

CHANNEL MARKERS :

- 6 or 8 INCHES (ROUND)

JIGGLE BARS :

- 6 INCHES (SQUARE)

EXAMPLES OF ROADWAY MARKERS :

- TYPE II-CR-4 : 4 INCH REFLECTORIZED LANE MARKER, ONE FACE REFLECTS CRYSTAL, ONE FACE REFLECTS RED LIGHT.
- TYPE A-4 : 4 INCH NON-REFLECTIVE YELLOW LANE MARKER
- TYPE I-A-6 : 6 INCH REFLECTORIZED CHANNEL MARKER, ONLY ONE FACE REFLECTS AMBER LIGHT

EPOXY ADHESIVE

TYPE II and II-M :

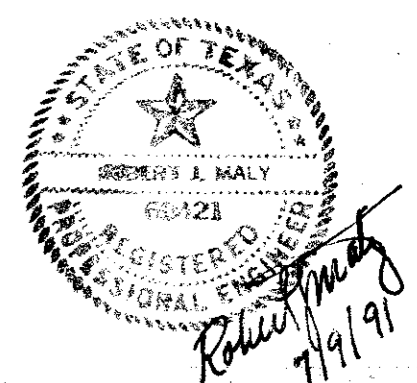
MEDIUM SETTING MARKER ADHESIVE

TYPE III and III-M :

STANDARD SETTING MARKER ADHESIVE

PAVEMENT TEMP., °F	APPROXIMATE SET TIME, HOURS	
	TYPE II & II-M	TYPE III & III-M
115	0.5	1
95	1	2
77	2	4
60	4	8
50	-	-

NOTE: ALL EPOXY SHALL BE MACHINE MIXED UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM CITY ENGINEER ALLOWING HAND MIXING.

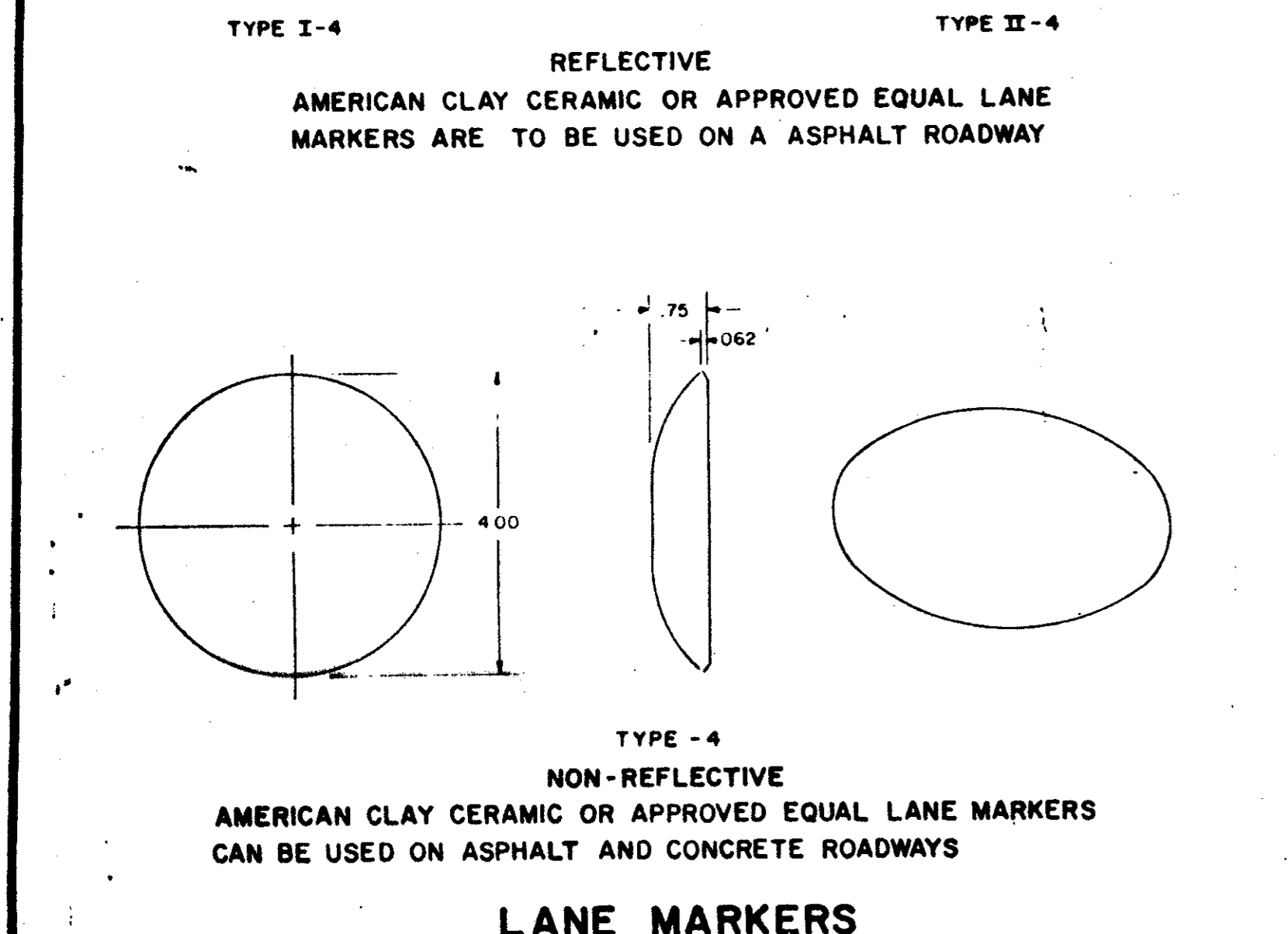
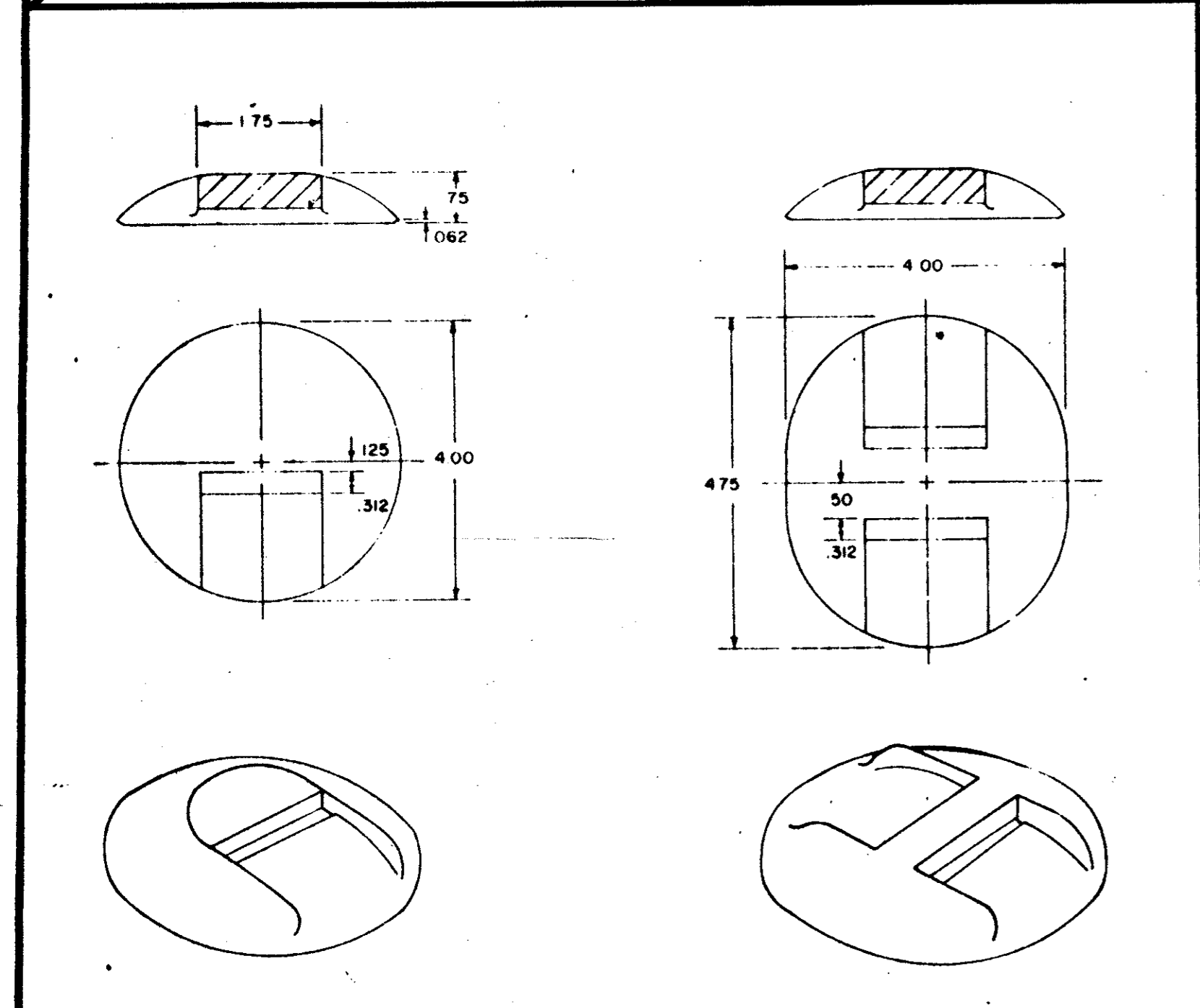
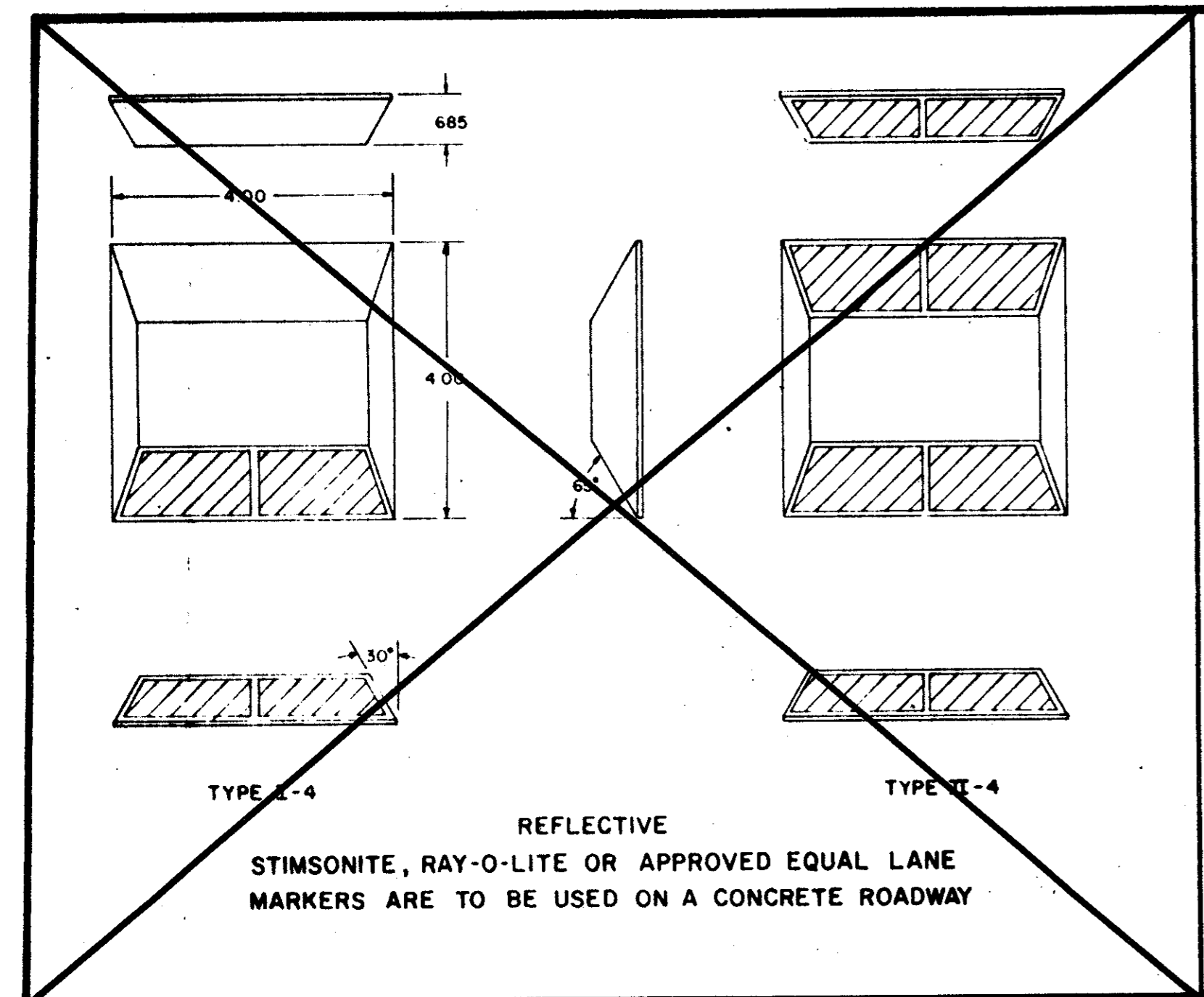
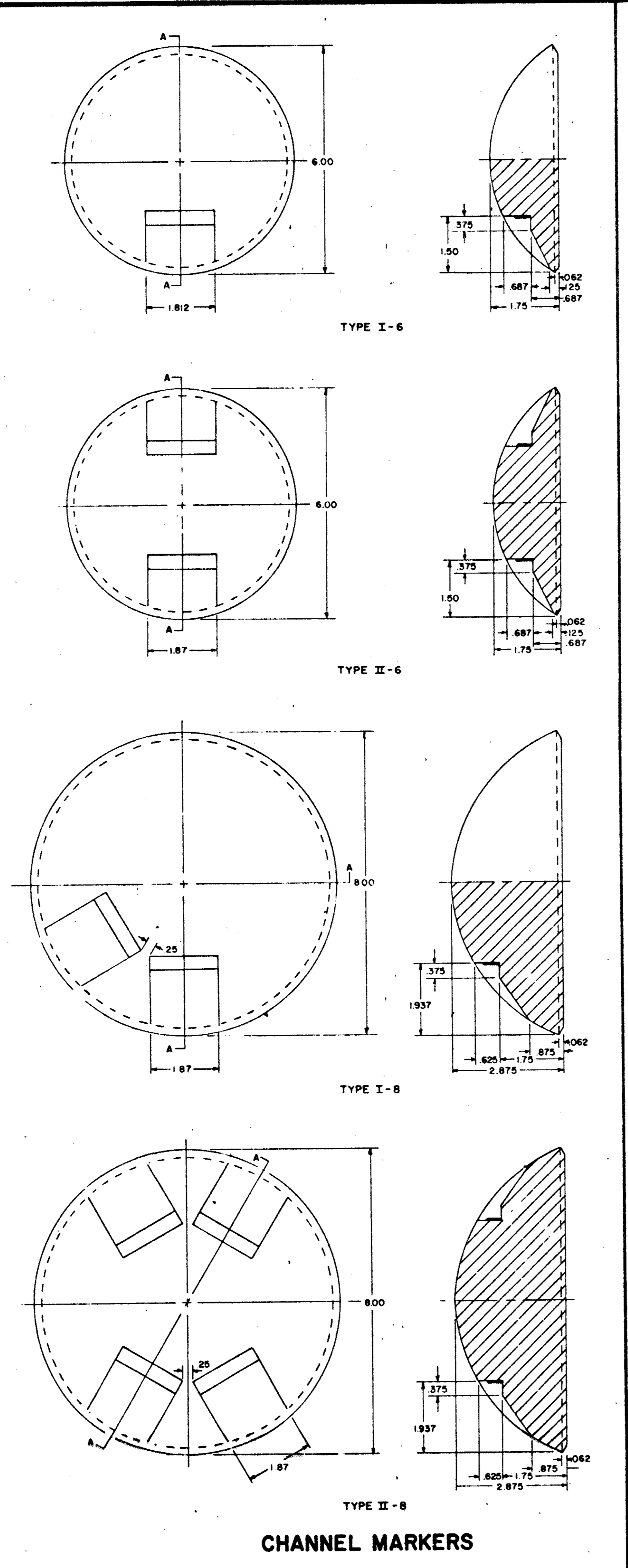
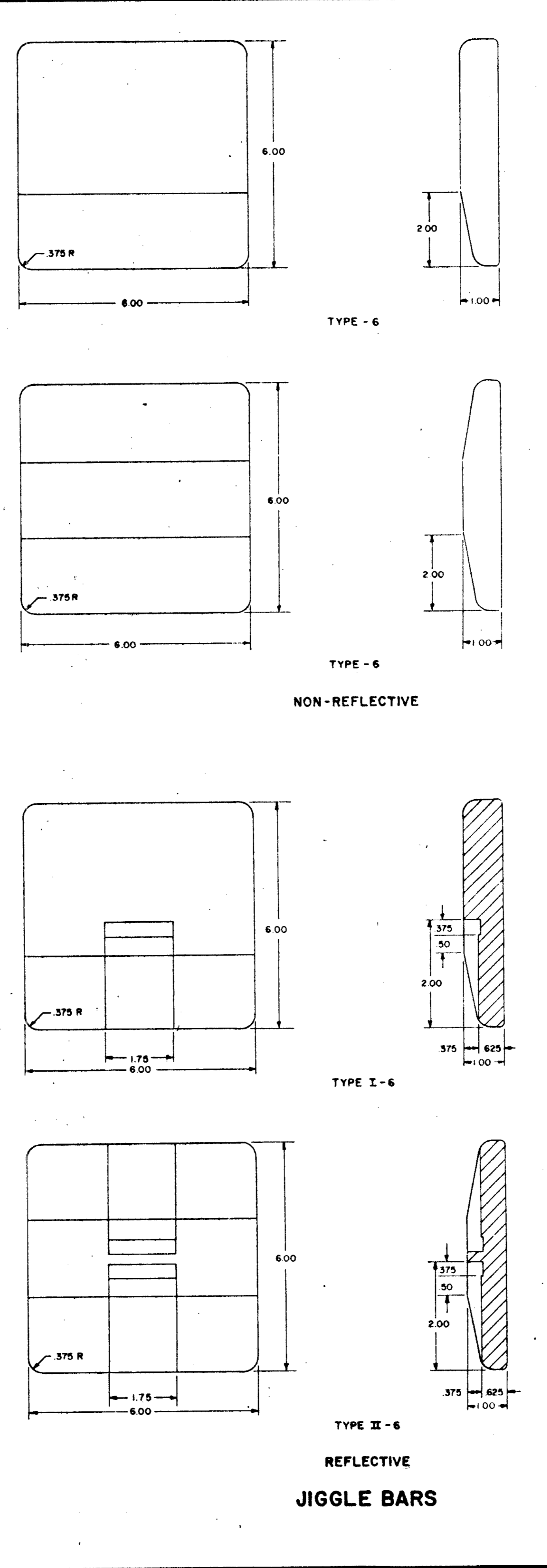


**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY**

**PAVEMENT MARKING
DETAILS**

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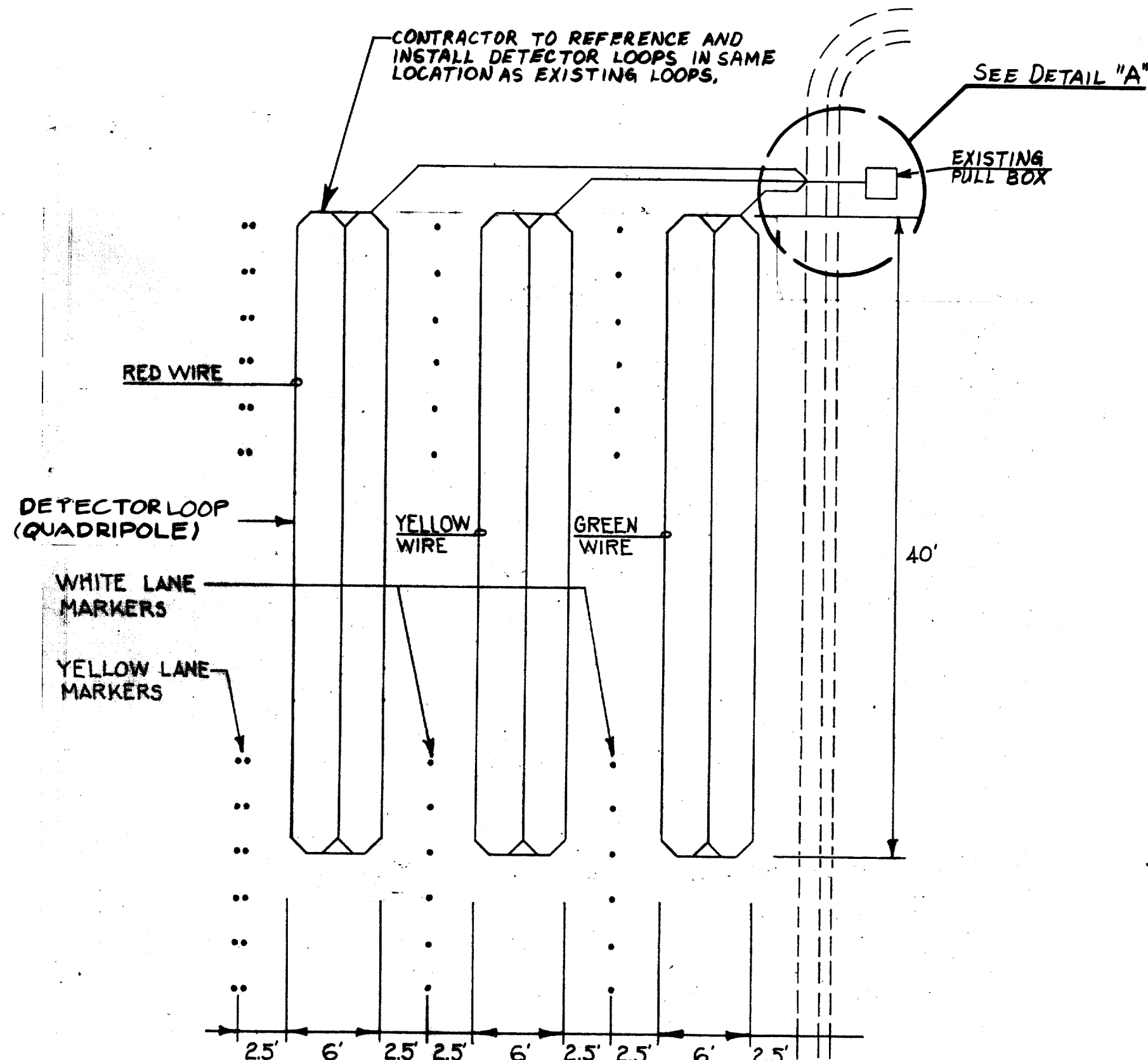
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CHECKED BY: WBR/RJM		SHEET NO. 3 OF 36



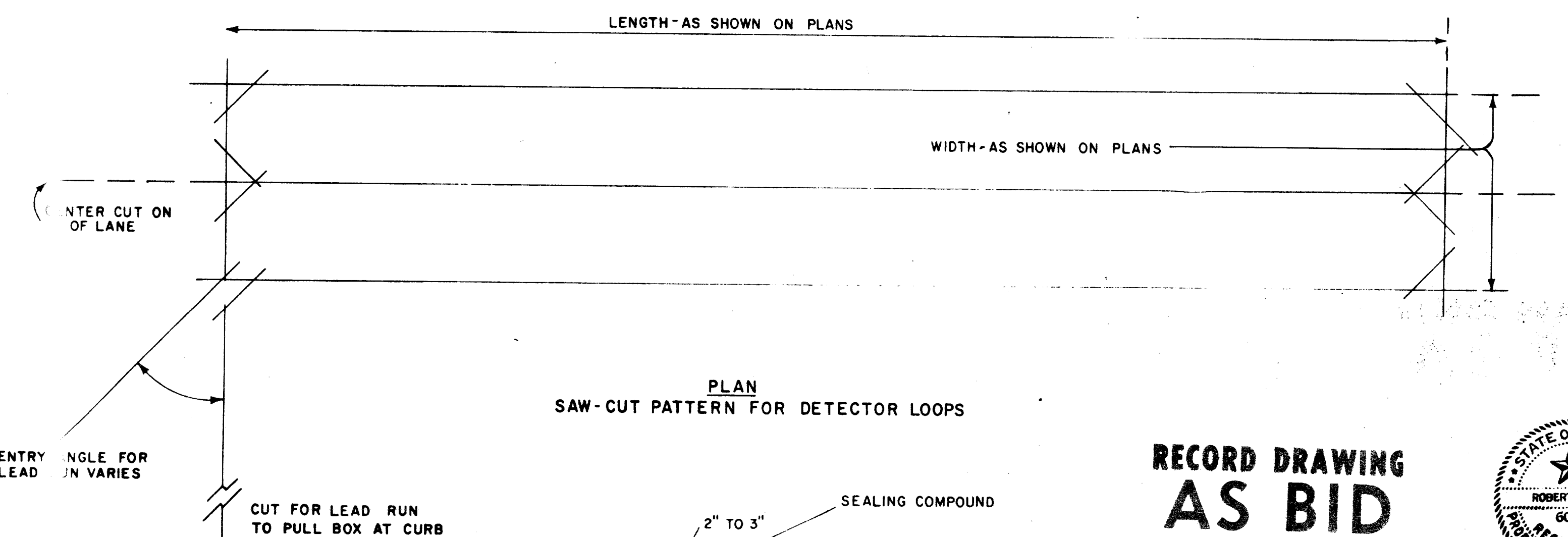
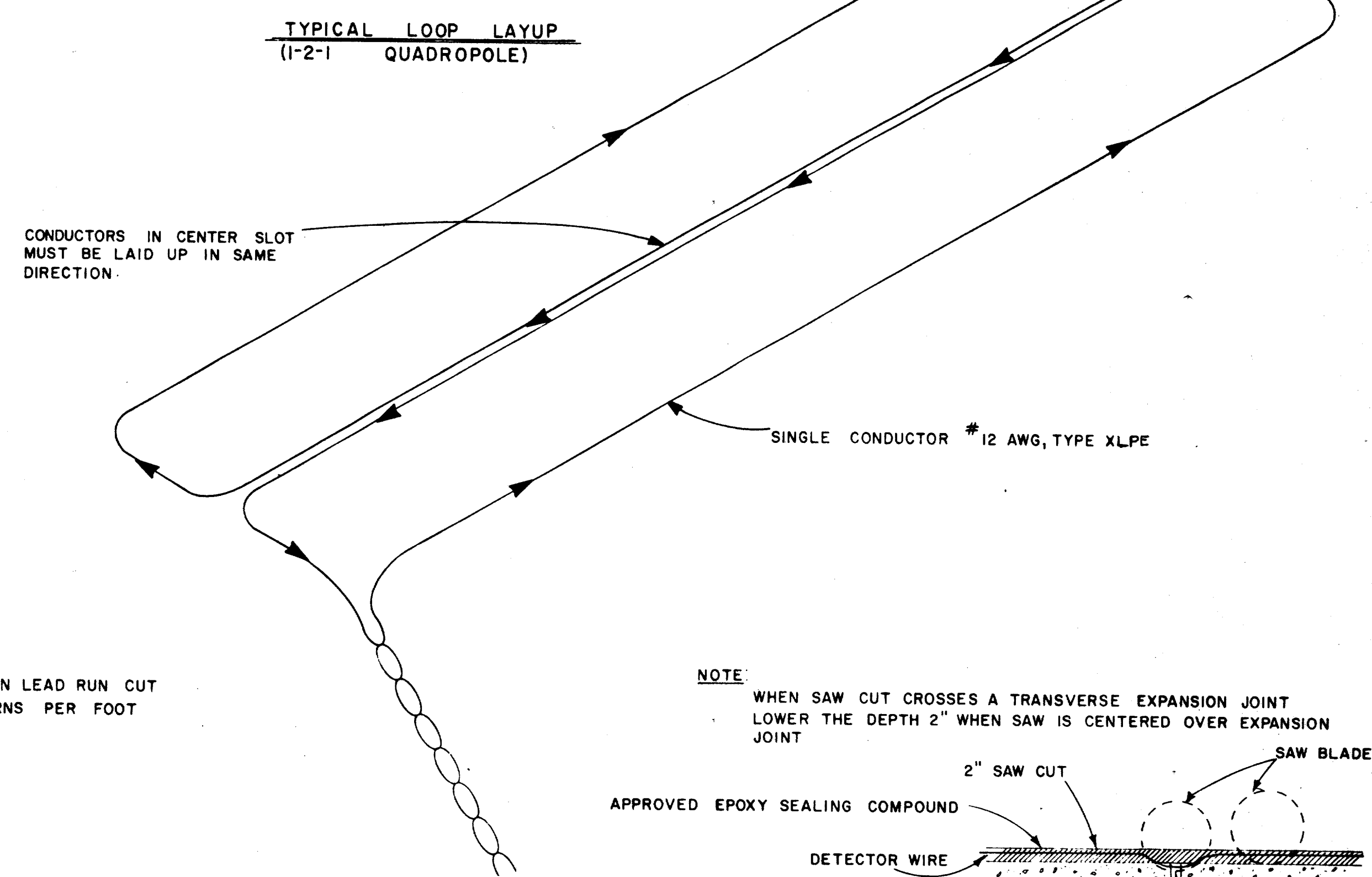
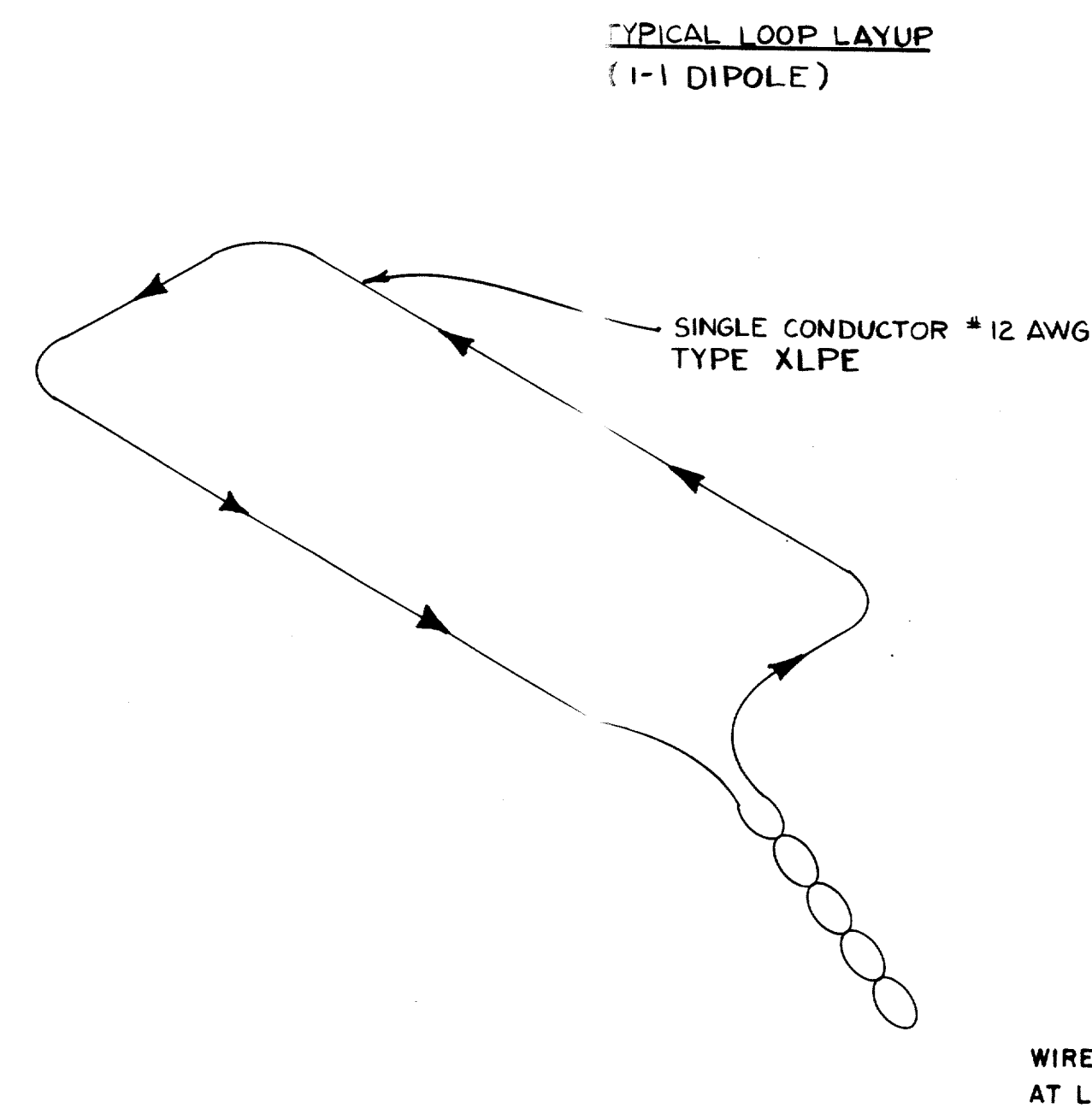
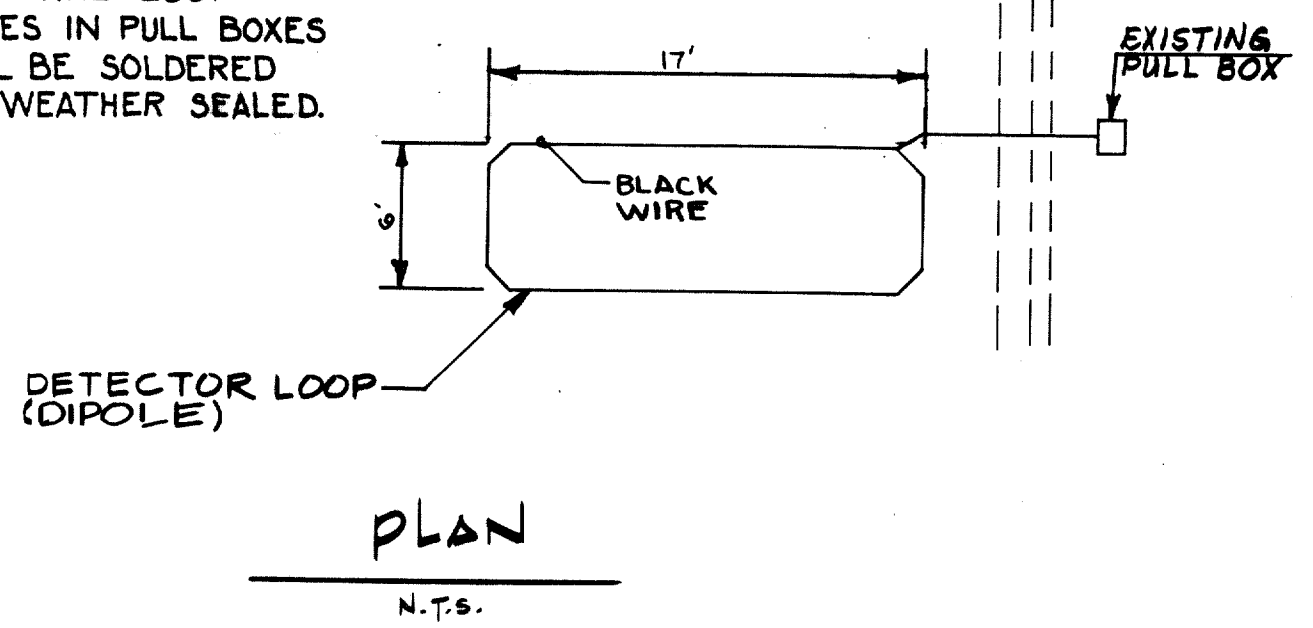
LANE MARKERS

CHANNEL MARKERS

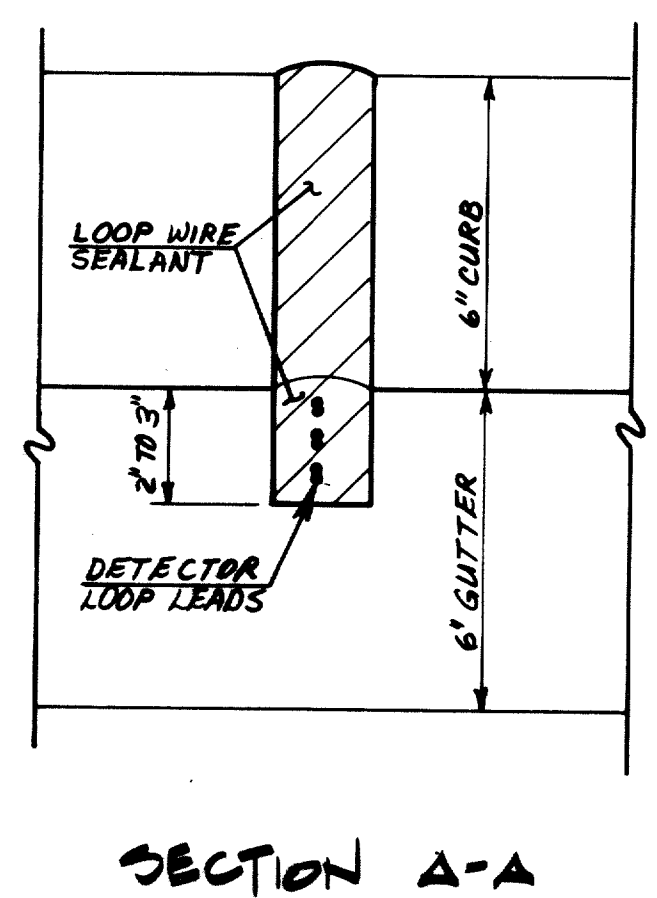
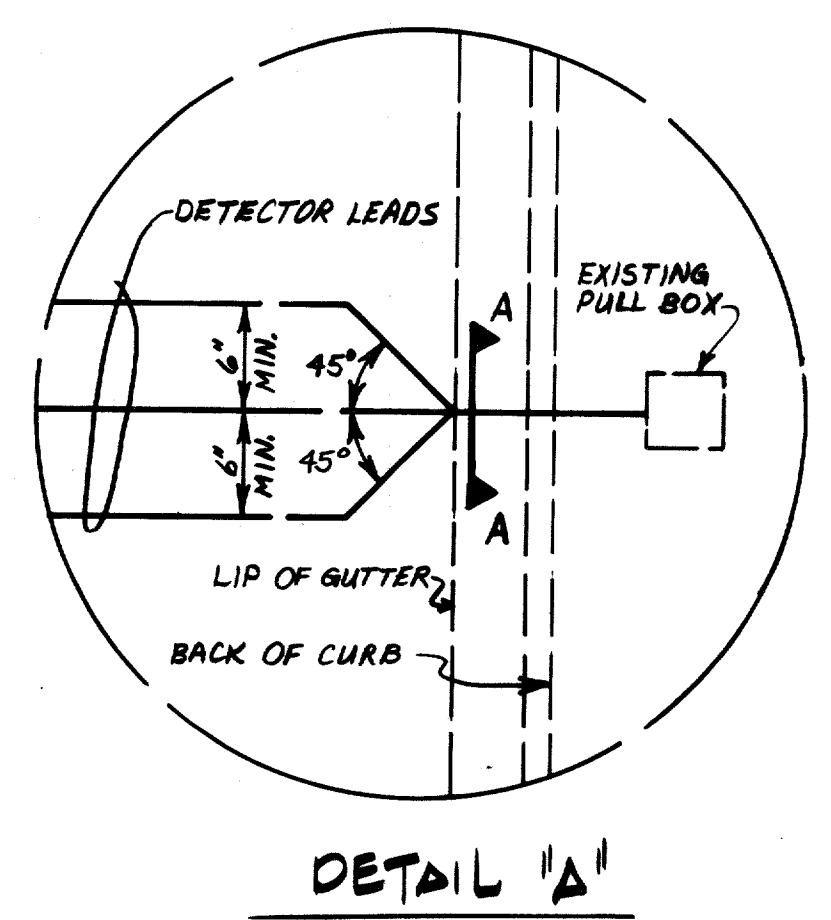
REFLECTIVE JIGGLE BARS



- NOTES:
1. CONTRACTOR TO PROVIDE INDIVIDUAL SAWED CHANNELS THRU CURB & GUTTER FOR EACH WIRE LOOP
 2. SPLICES IN PULL BOXES SHALL BE SOLDERED AND WEATHER SEALED.

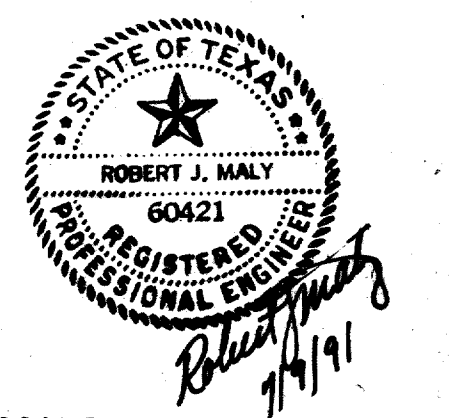


- LOOPS ARE NO. 12 AWG, TYPE XLPE STRANDED SINGLE CONDUCTOR WIRE
1. INSTALLATION OF WIRE LOOPS IS TO BE MADE IN THE SHORTEST TIME PRACTICAL, NOT TO EXCEED A 4 HR. MAX. AND SCHEDULED DURING OFF PEAK HOURS TO MINIMIZE DELAY TO VEHICLE TRAFFIC.
 2. THE PAVEMENT CUT IS TO BE CUT WITH A CONCRETE SAW TO NEAT LINES AND LOOSE MATERIAL REMOVED. THE CUT SHOULD BE CLEAN AND DRY WHEN THE SEALING COMPOUND IS PLACED.
 3. THE LEAD-IN WIRES ARE TO BE TWISTED A MINIMUM OF TWO TURNS PER FOOT AND REMAIN UNDISTURBED AFTER THE LOOP HAS BEEN TUNED.
 4. EACH LOOP IS TO BE RETURNED TO CONTROLLER VIA ONE PAIR OF UNSPLICED SHIELDED LEAD-IN WIRES. MULTIPLE, TWISTED LEADS TO MORE THAN ONE LOOP IN SINGLE LEAD RUN SAW SLOT ARE NOT PERMISSIBLE.



VEHICLE LOOP DETECTOR LAYOUT

RECORD DRAWING AS BID



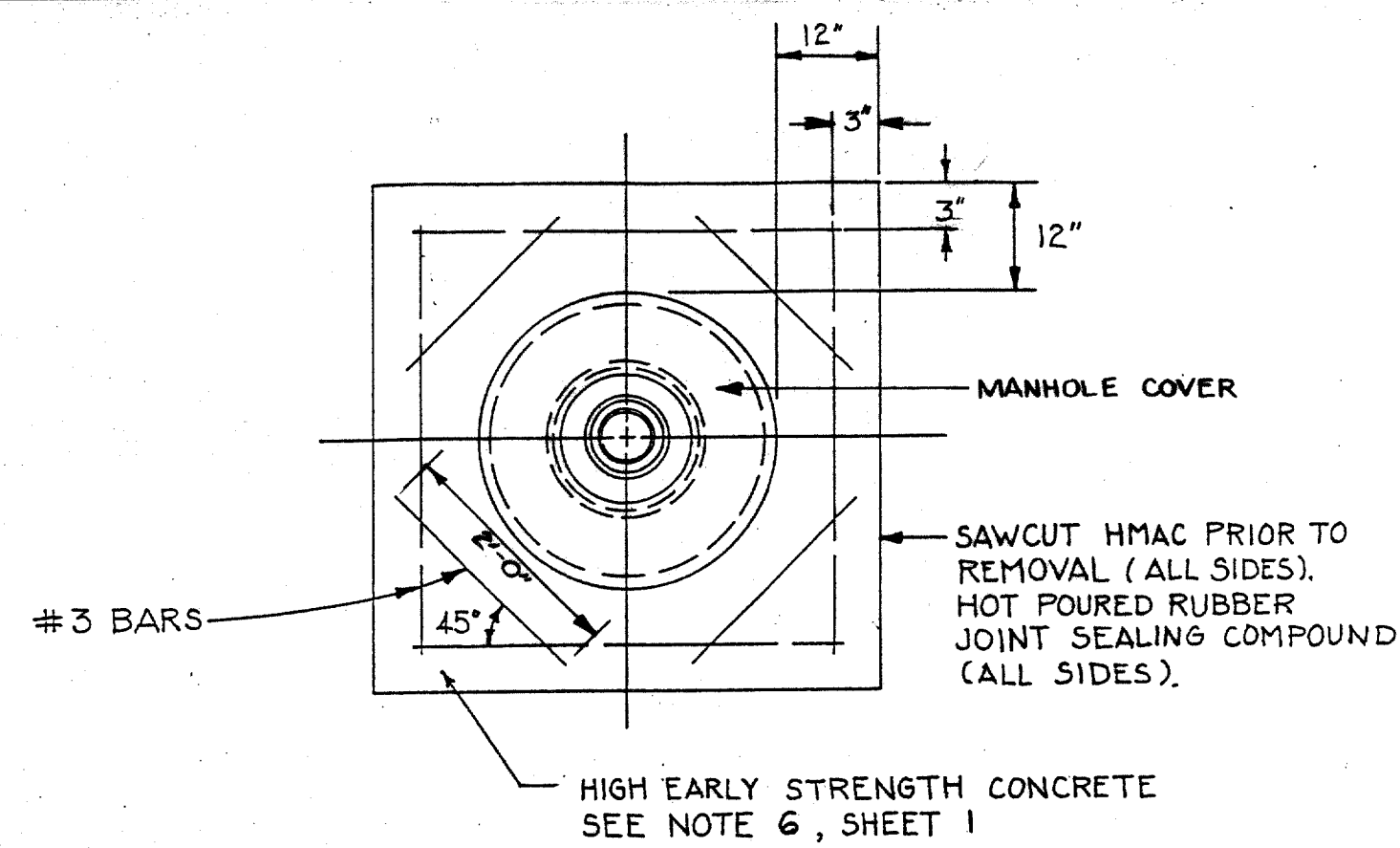
NOT TO SCALE

CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY

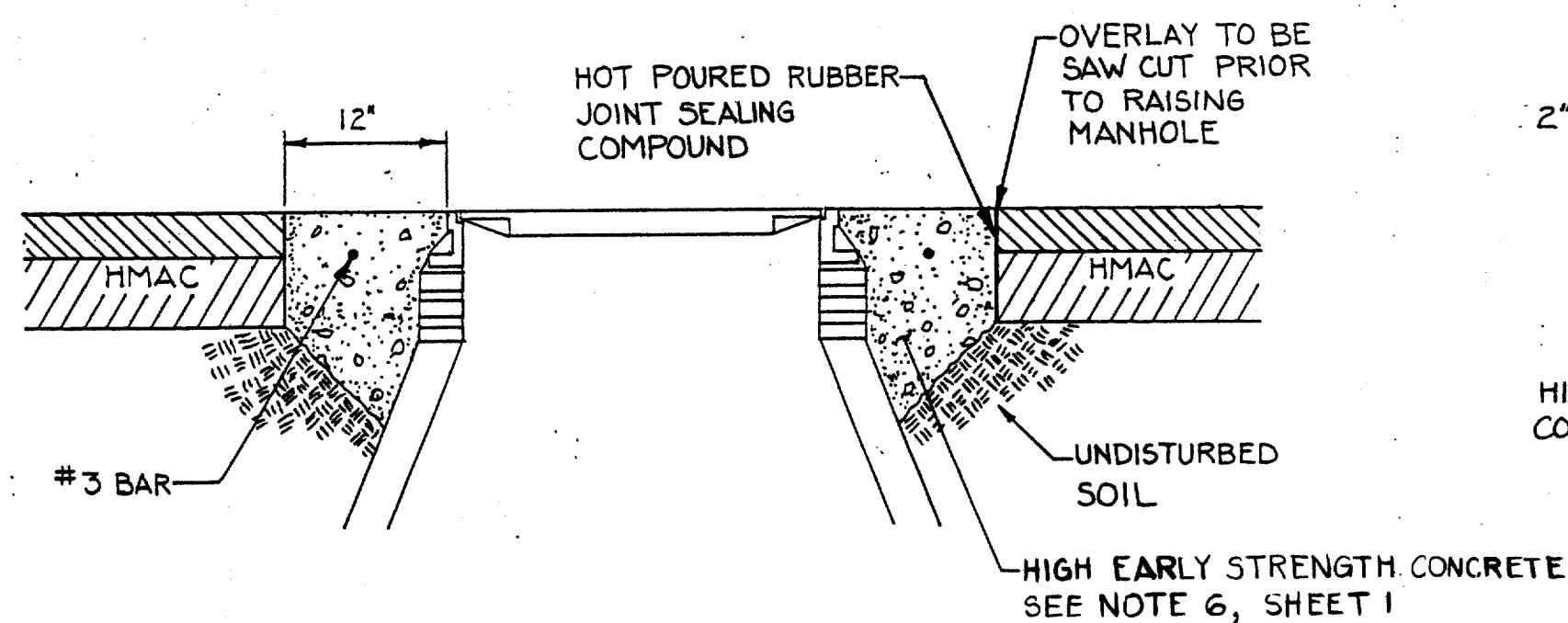
TRAFFIC SIGNAL
DETAILS

Edley & Associates, Inc.
REGISTERED PROFESSIONAL ENGINEERS

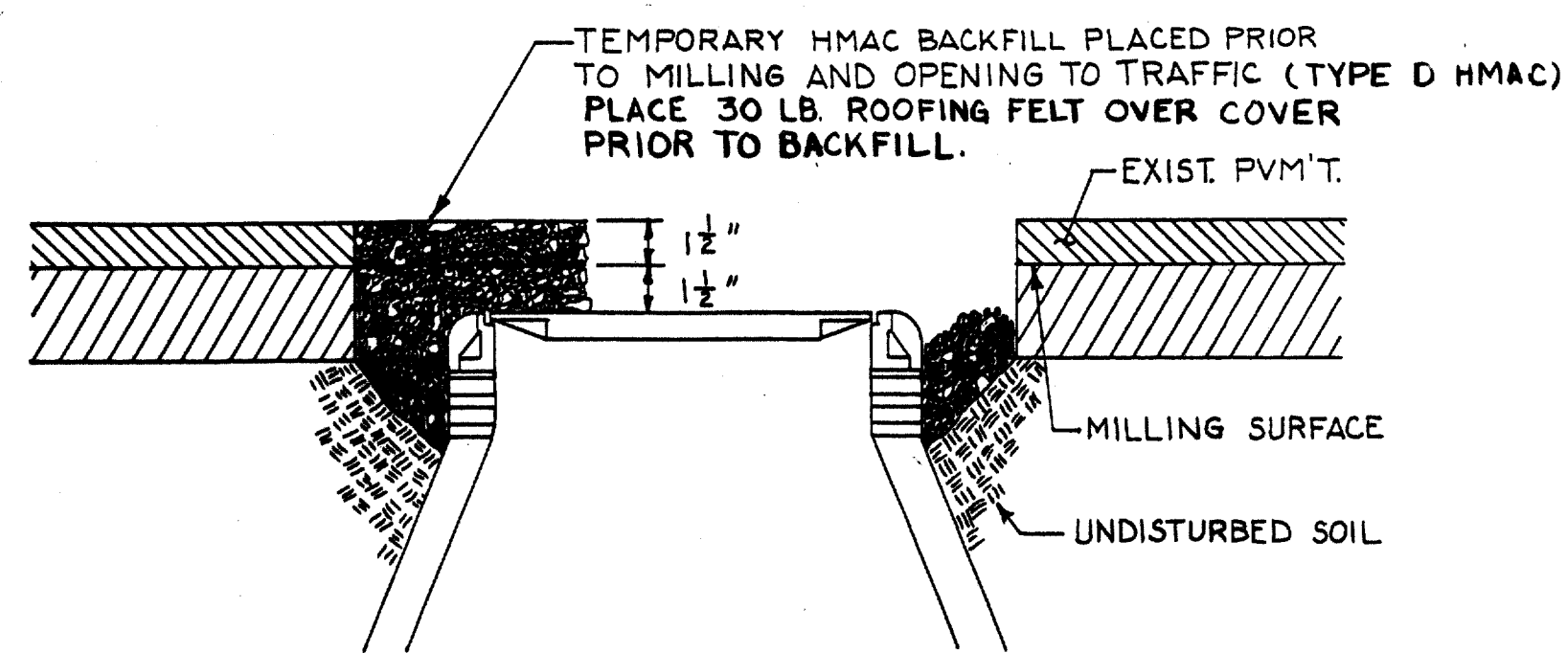
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DATE	BY	NO.
CHECKED BY RJM	DATE	



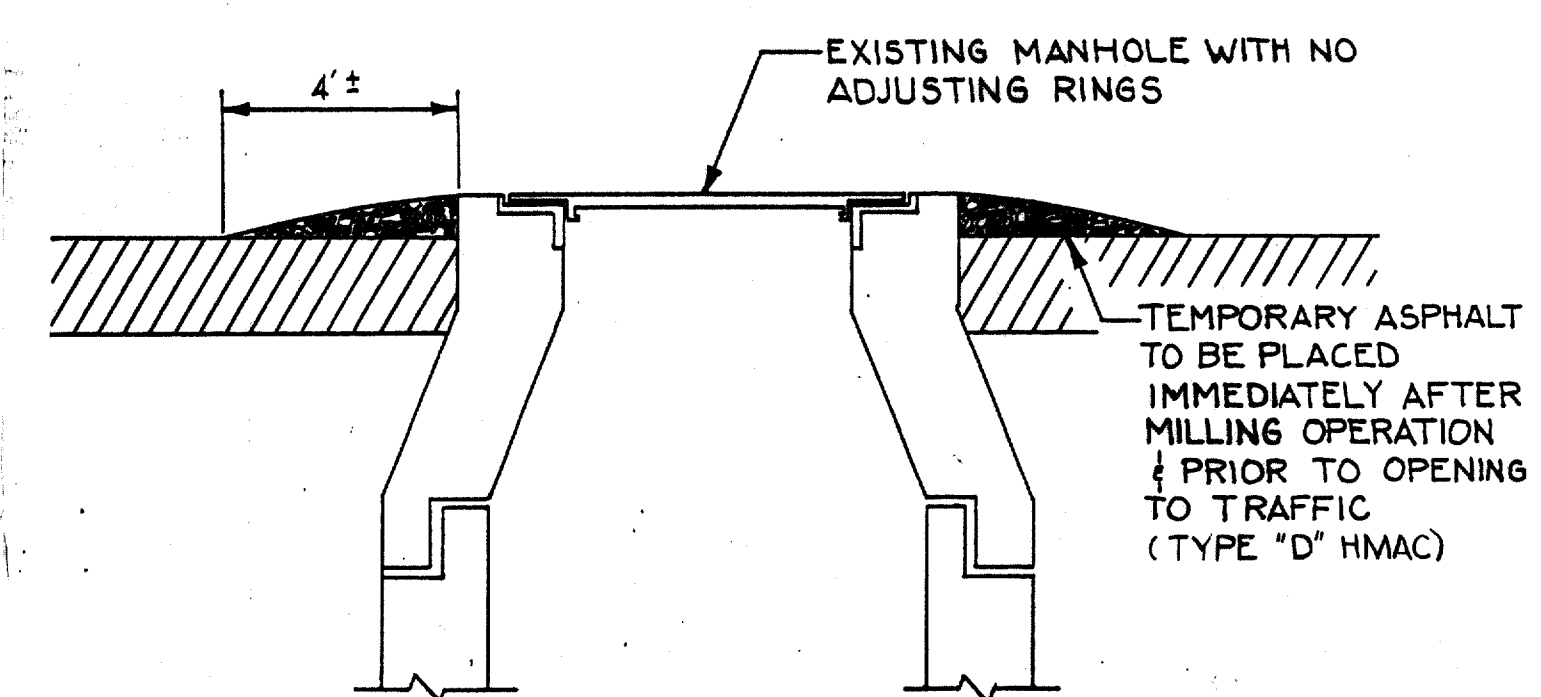
PLAN: CONCRETE MANHOLE APRON
NTS



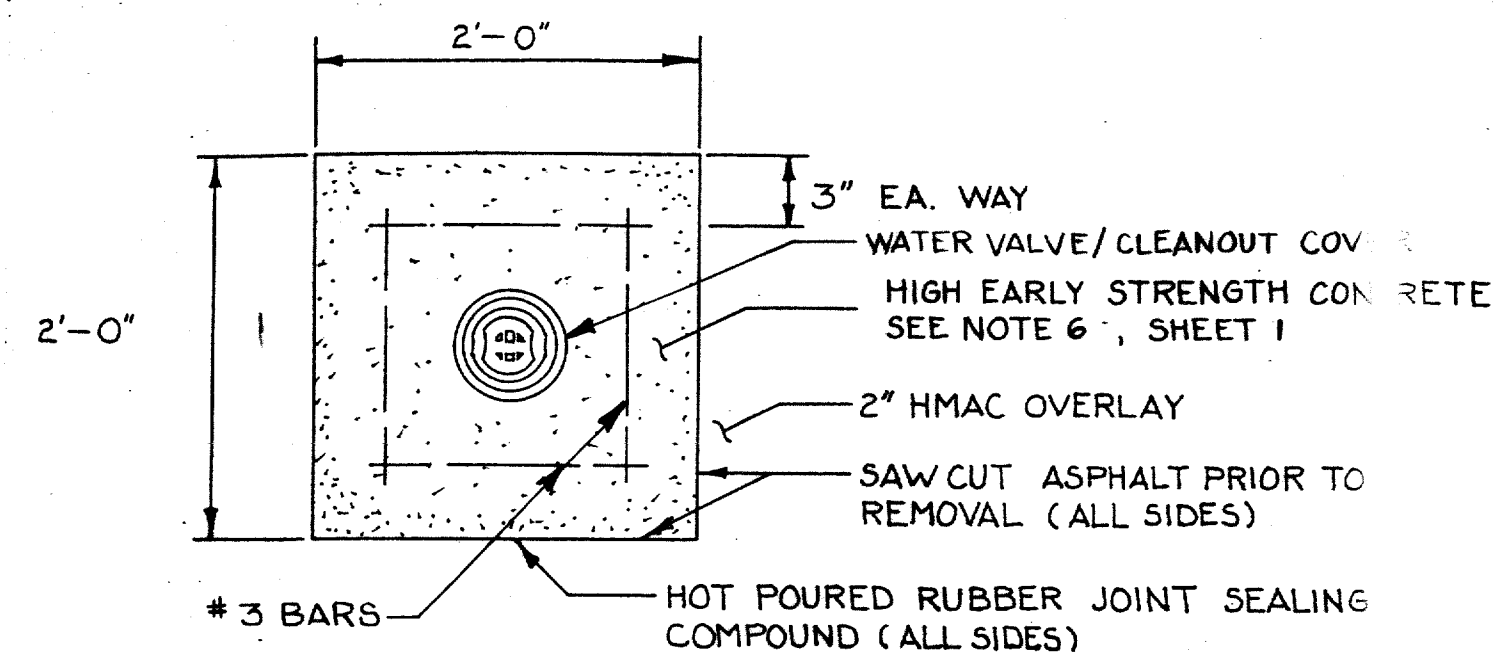
SECTION: CONCRETE MANHOLE APRON
NTS



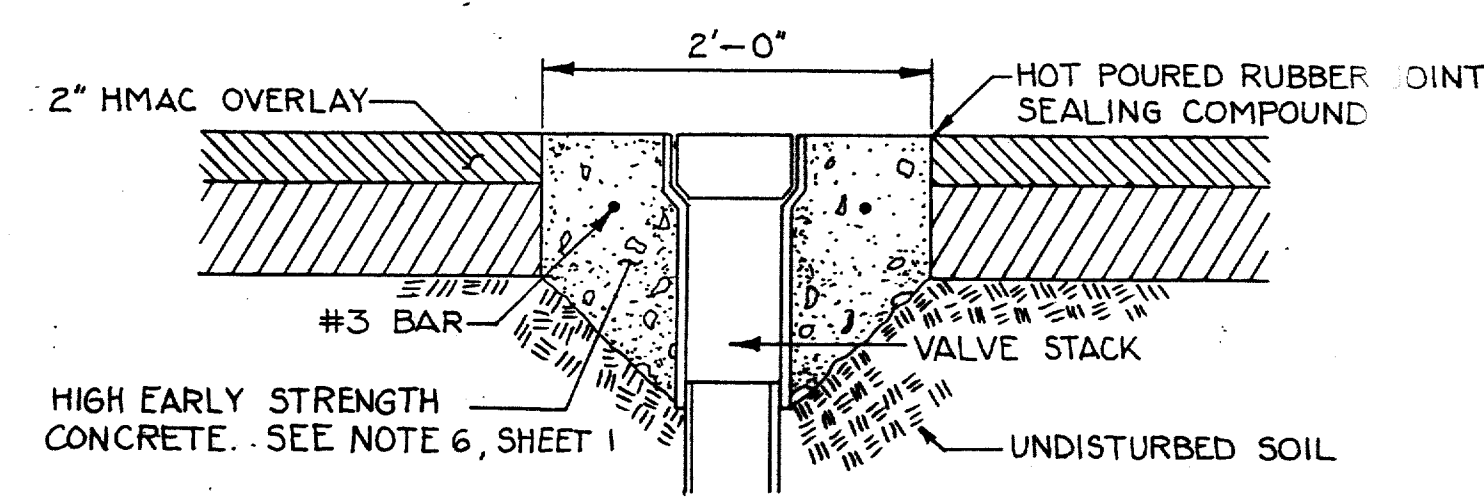
DETAIL: TEMPORARY LOWERING OF MANHOLE
NTS



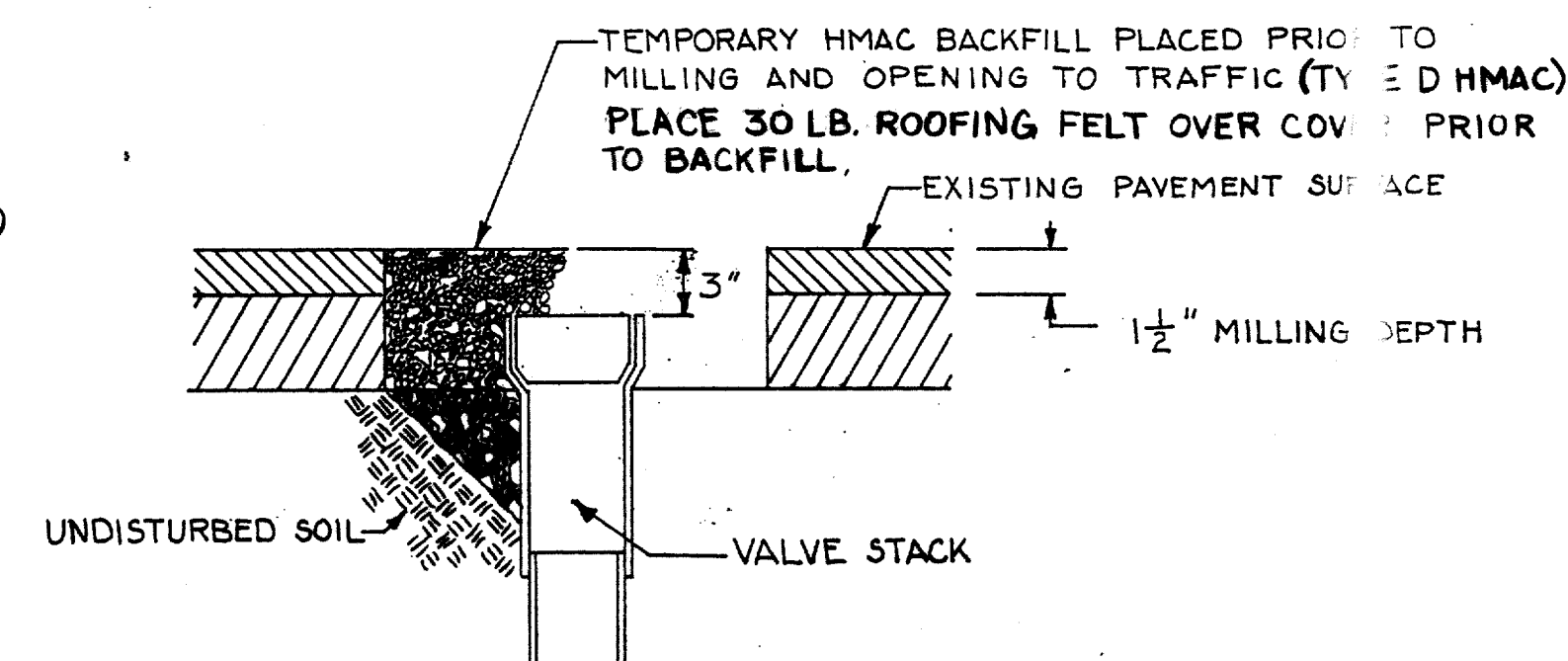
SECTION: TEMPORARY ASPHALT FOR NON-ADJUSTED MANHOLE
NTS



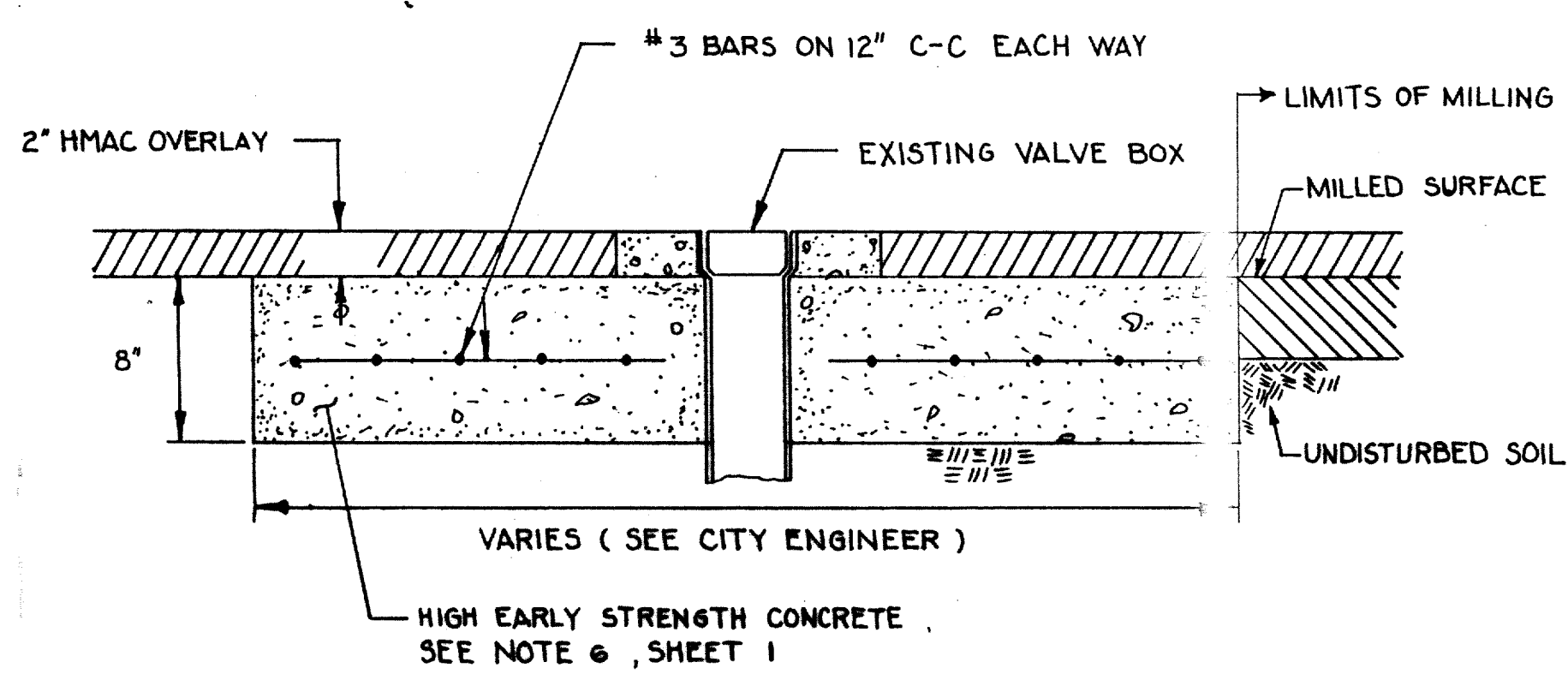
PLAN: CONCRETE VALVE BOX APRON
NTS



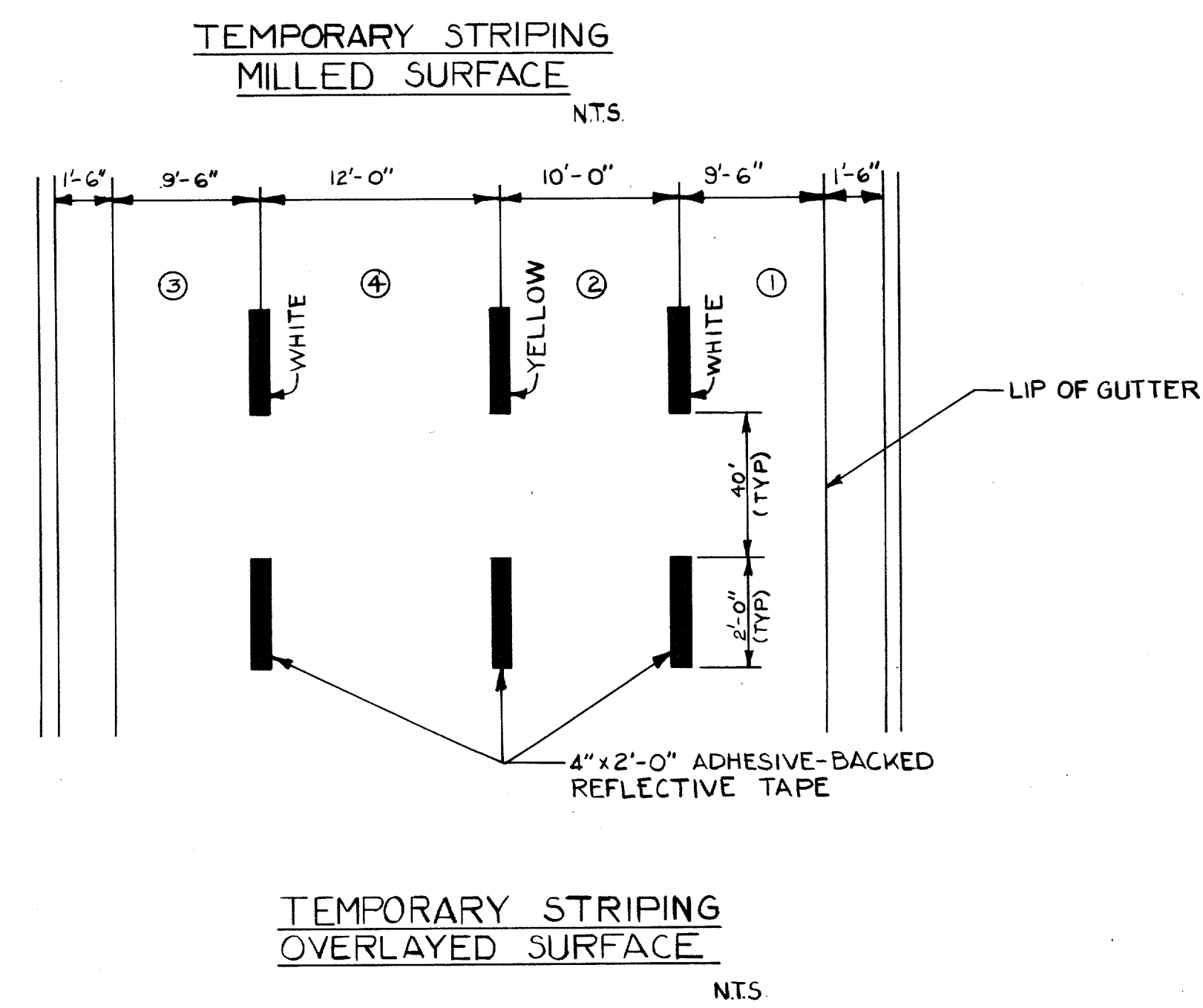
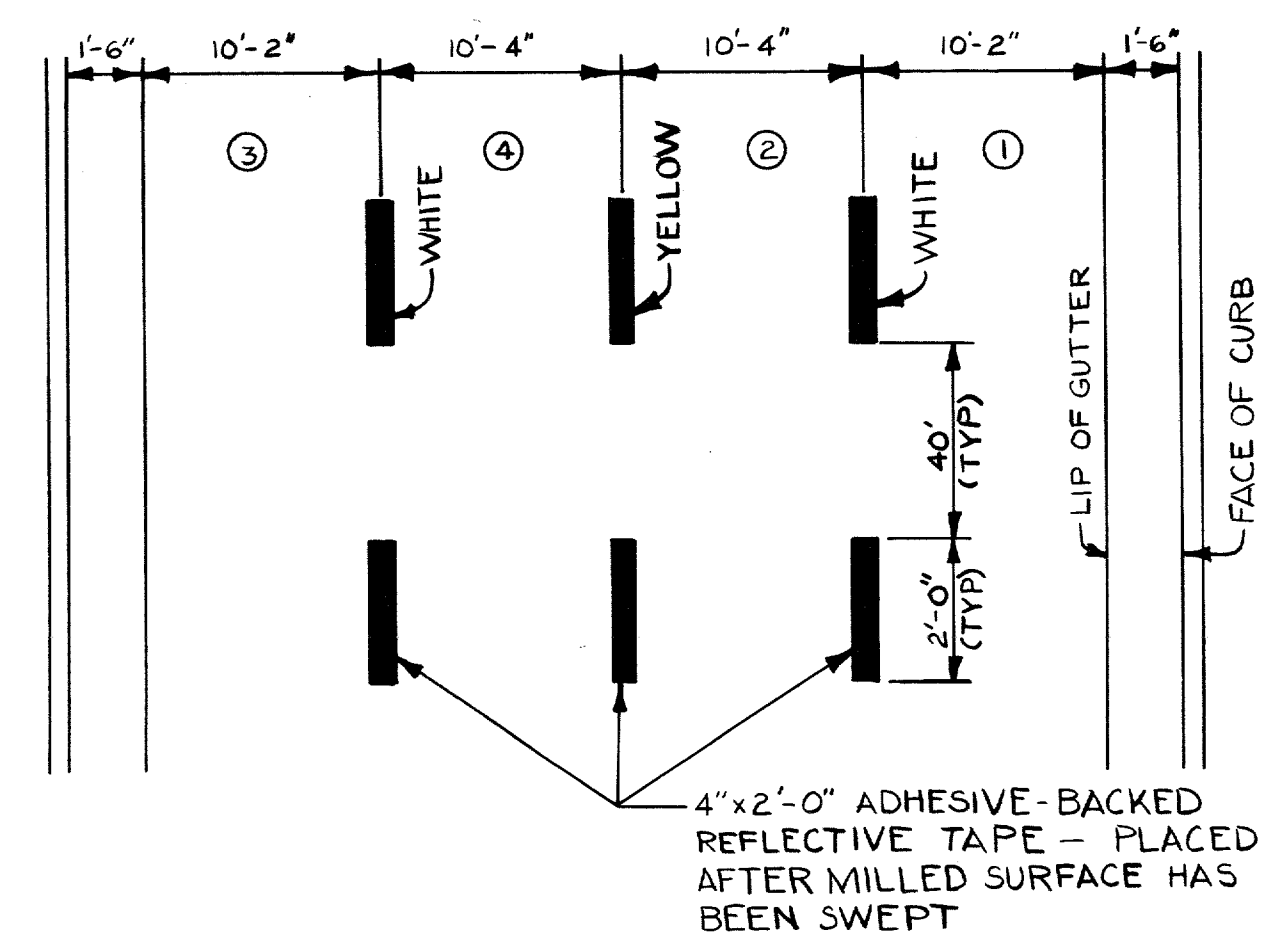
SECTION: CONCRETE VALVE BOX APRON
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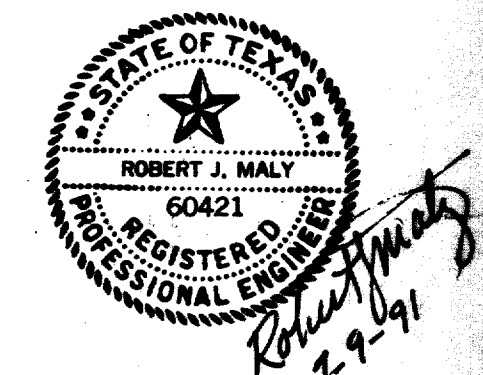
DETAIL: TEMPORARY LOWERING OF VALVE BOX
NTS



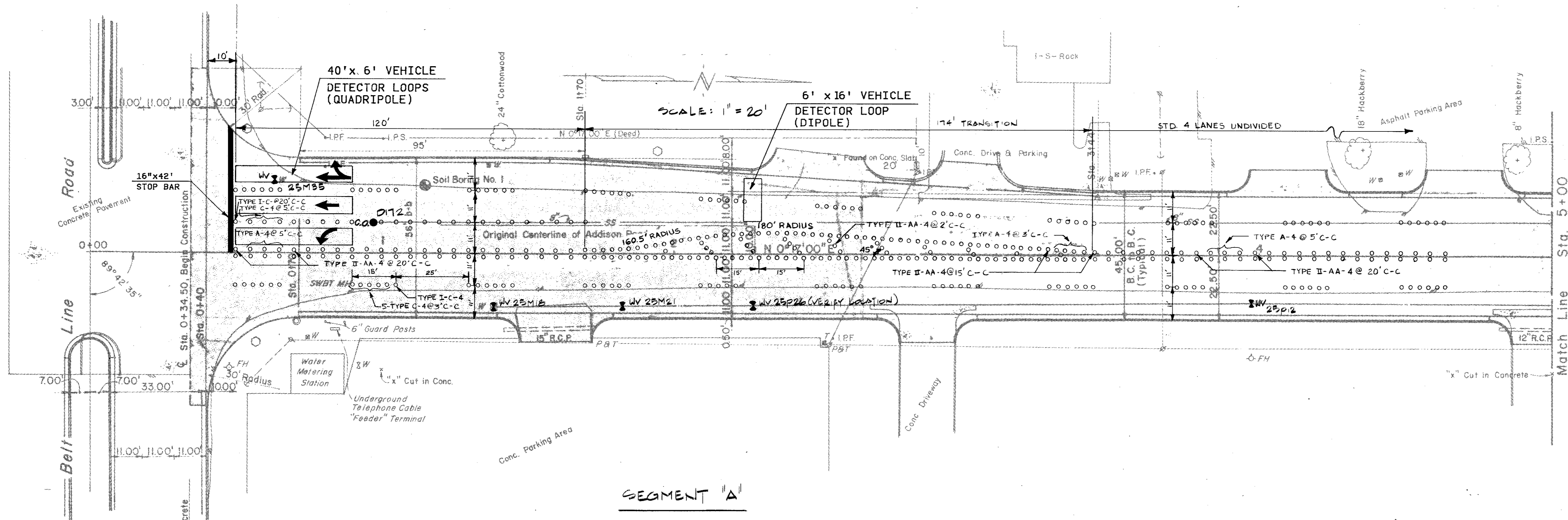
PAVEMENT REPLACEMENT & VALVE ADJUSTMENT
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RECORD DRAWING
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CITY OF ADDISON, TEXAS ADDISON ROAD OVERLAY		
MISCELLANEOUS DETAILS		
Rady & Associates, Inc. Engineers • Architects • Planners 910 Collier Street, Fort Worth, Texas 76102 817/395-6511		
DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: CLR		JOB NO: 91009
CHECKED BY: RJM/WBR		SHEET NO. 5 OF 5



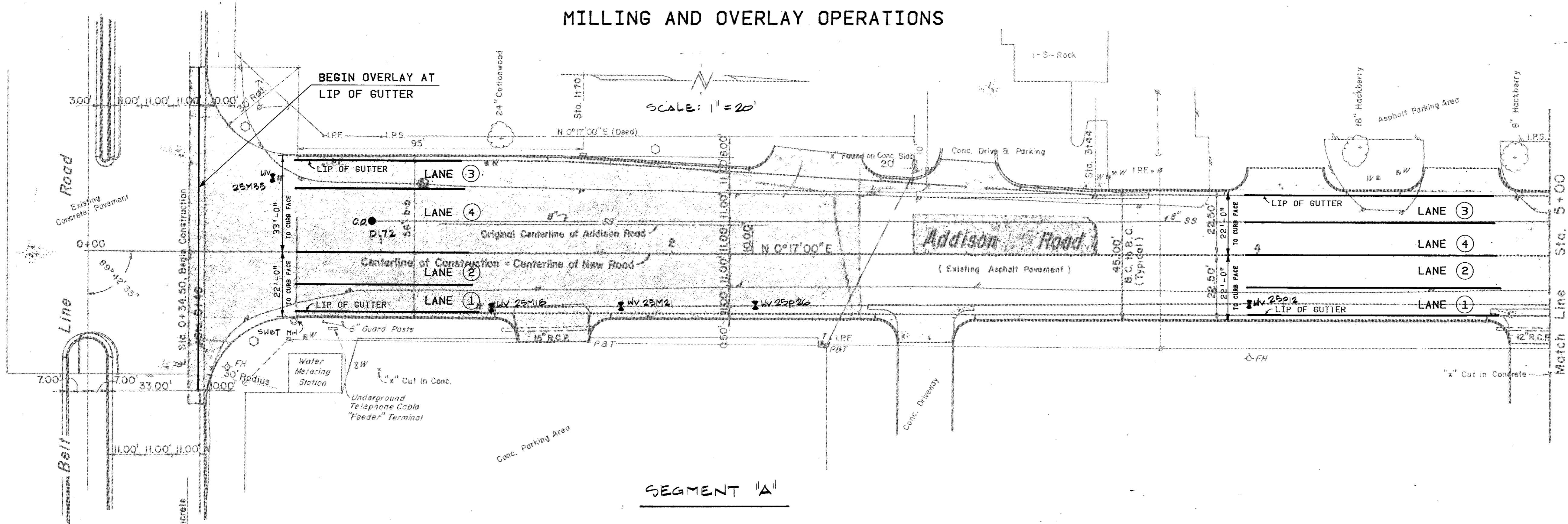
SEGMENT "A"
EXISTING UTILITY ADJUSTMENTS

LEGEND

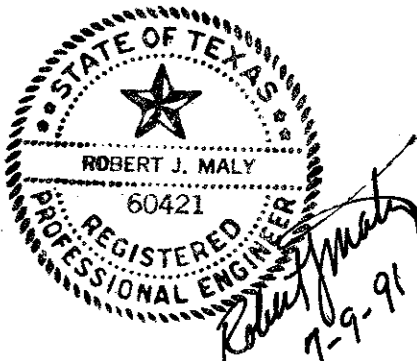
- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (FORM/SOL/SWR.) TO BE ADJUSTED

LEGEND

- Bench Mark
- ⊕ Hub and Tick
- ⊕ I.P.S. Monument
- ⊕ I.P.S. Gas Meter
- ⊕ I.P.S. Gas Valve
- ⊕ I.P.S. Gas Line
- ⊕ Power Pole (typical pole symbol)
- ⊕ Power Line
- ⊕ Guy Wire and Anchor
- ⊕ Telephone Cable Box or Risers
- ⊕ Telephone Line
- ⊕ Water Meter
- ⊕ Water Valve
- ⊕ Water Line
- ⊕ Fire Hydrant
- ⊕ Water Sprinkler
- ⊕ Manhole
- ⊕ Cleanout
- ⊕ Orange Head
- ⊕ Sanitary Sewer Line
- ⊕ Storm Sewer Line
- ⊕ Fence Line
- ⊕ Flow Direction Indicator
- ⊕ Property or Right-of-Way Line
- ⊕ Easement Line



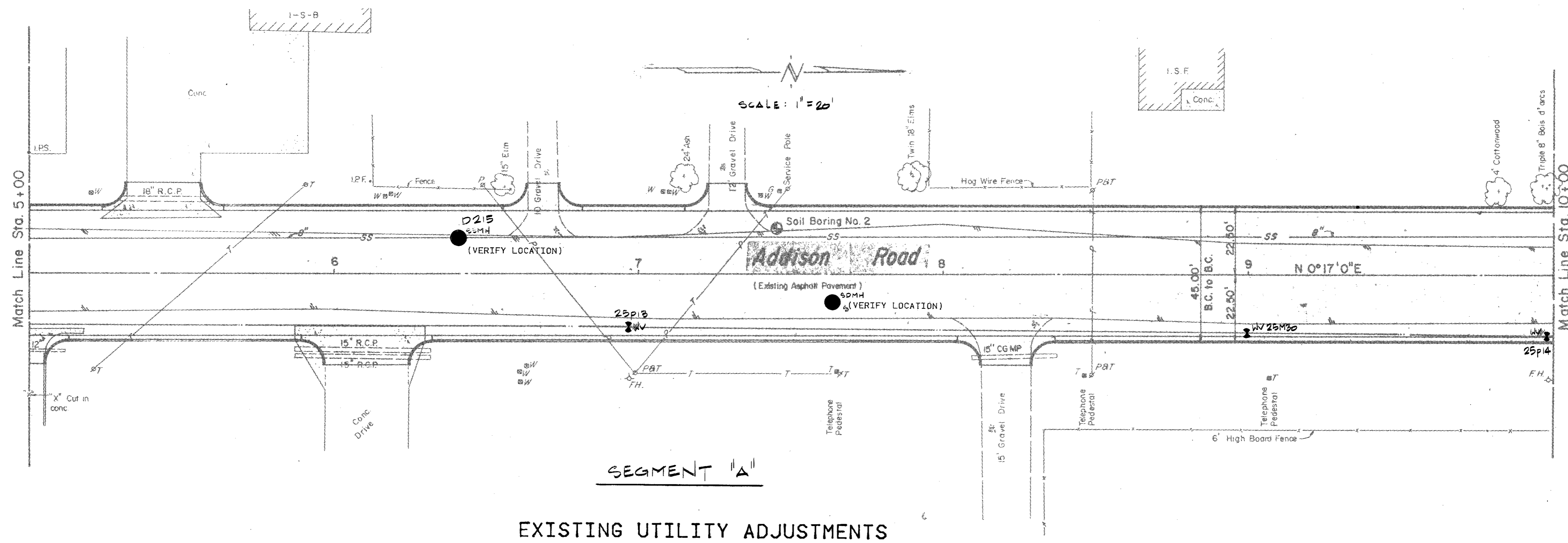
SEGMENT "A"
MILLING AND OVERLAY OPERATIONS



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 0+00 TO STA 5+00

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817/335-6511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 6 OF 36

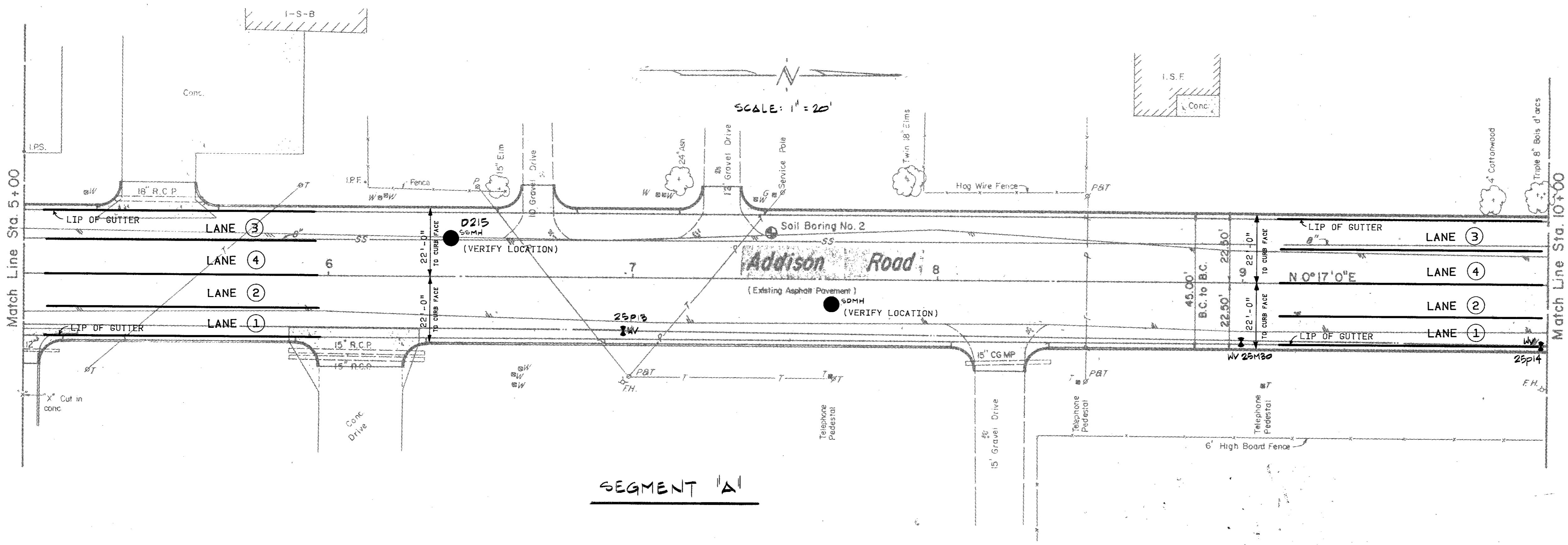


EXISTING UTILITY ADJUSTMENTS

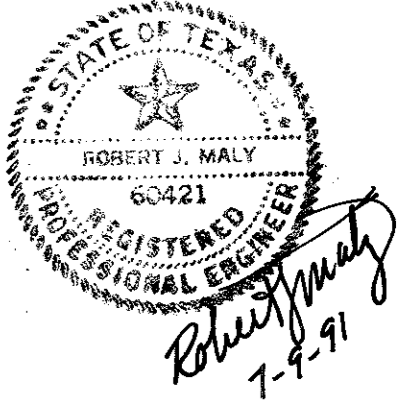
- LEGEND**
- ⊗ WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (C/FORM/SDN.SWR.) TO BE ADJUSTED

- LEGEND**
- Bench Mark
 - ⊕ Hub and Tack
 - ⊕ Iron Pin
 - ⊕ Monument
 - ⊕ Gas Meter
 - ⊕ Gas Valve
 - ⊕ Gas Line
 - ⊕ Power Pole (typical pole symbol)
 - ⊕ Guy Wire and Anchor
 - ⊕ Telephone Pole
 - ⊕ Telephone Cable Box, or Riser
 - ⊕ Water Meter
 - ⊕ Water Valve
 - ⊕ Water Line
 - ⊕ Fire Hydrant
 - ⊕ Water Spigot
 - ⊕ Manhole
 - ⊕ Cleanout
 - ⊕ Drainage Inlet
 - ⊕ Sanitary Sewer Line
 - ⊕ Storm Sewer Line
 - ⊕ Fence Line
 - ⊕ Flow Direction Indicator
 - ⊕ Property or Right-of-Way Line
 - ⊕ Easement Line

MILLING AND OVERLAY OPERATIONS



SEGMENT 'A'



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY

ADDISON ROAD
STA 5+00 TO STA 10+00

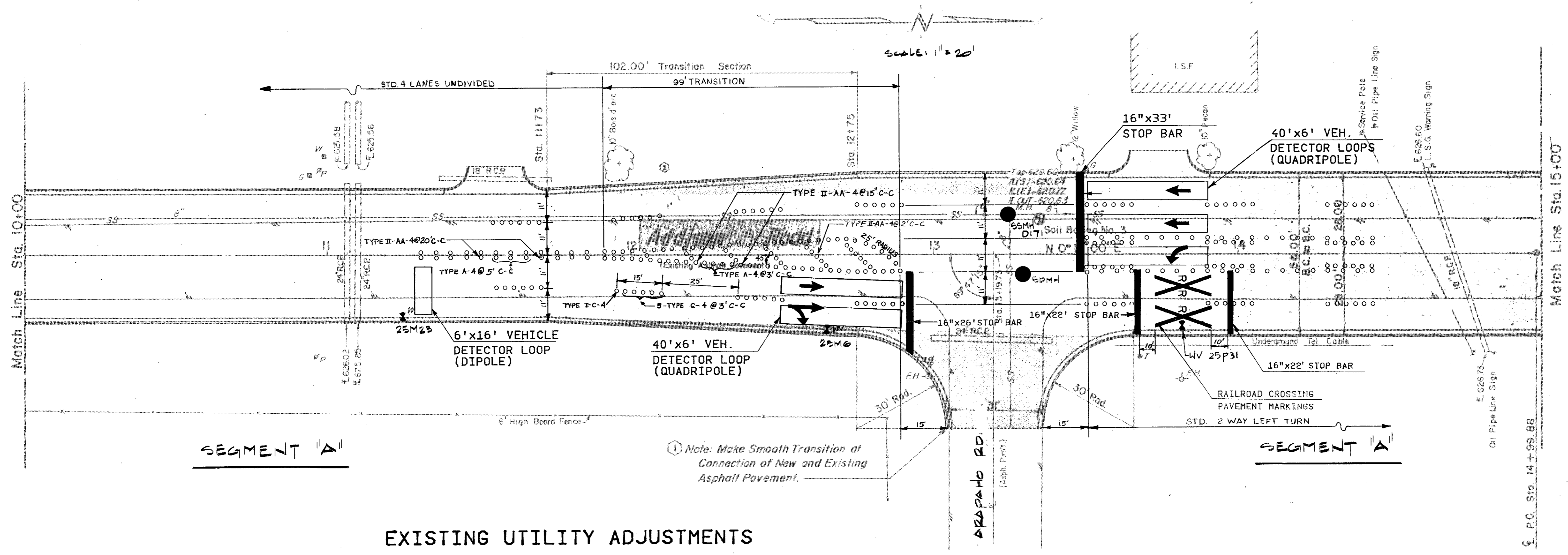
Rady & Associates, Inc.
 Engineers • Architects • Planners
 910 Collier Street Fort Worth, Texas 76102 817/395-6511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: WBR	DATE:	SHEET NO: 7 OF 36

LEGEND

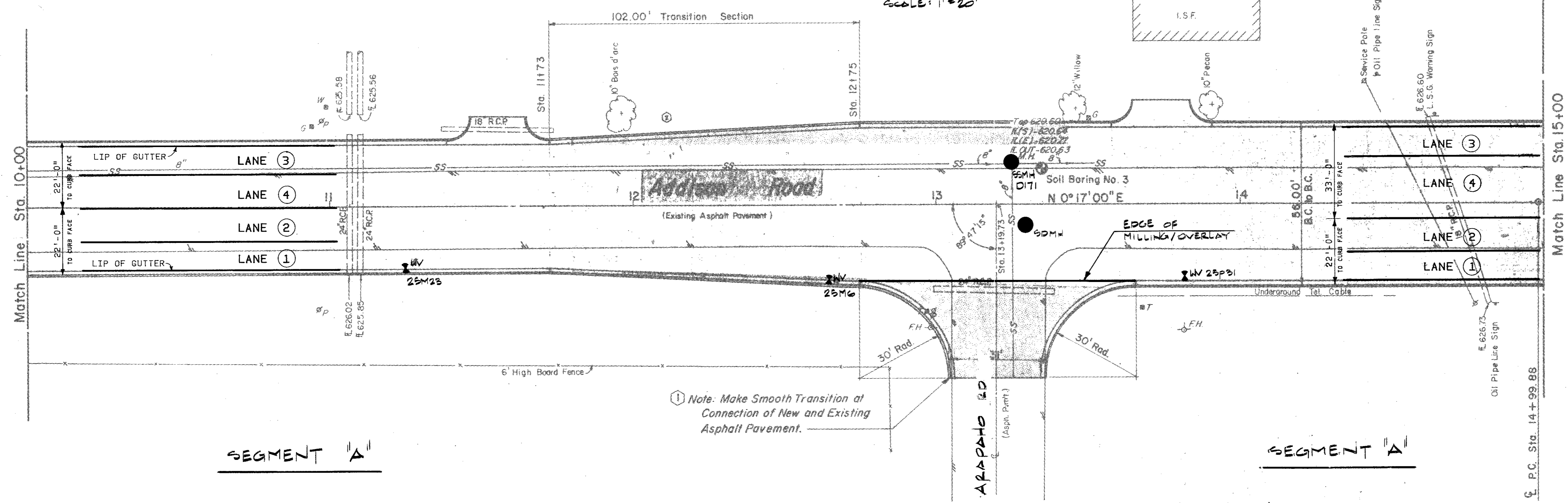
- WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SAN. SEWER) TO BE ADJUSTED

- LEGEND**
- Bench Mark
 - Hub and Tee
 - Iron Pin
 - Monument
 - Gas Meter
 - Gas Valve
 - Gas Line
 - Power Pole (typical pole symbol)
 - Guy Wire and Anchor
 - Telephone Cable Box, or Riser
 - Telephone Line
 - Water Meter
 - Water Valve
 - Water Line
 - Fire Hydrant
 - Water Spigot
 - Manhole
 - Cleanout
 - Drainage Inlet
 - Sanitary Sewer Line
 - Storm Sewer Line
 - Fence Line
 - Flow Direction Indicator
 - Property or Right-of-Way Line
 - Easement Line

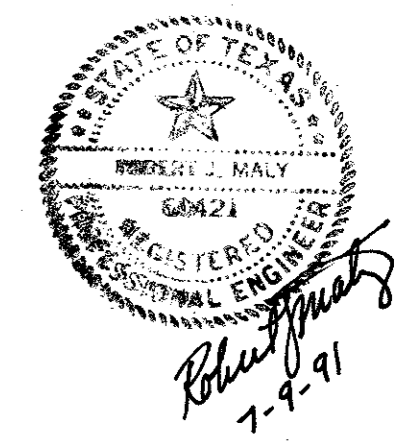


EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



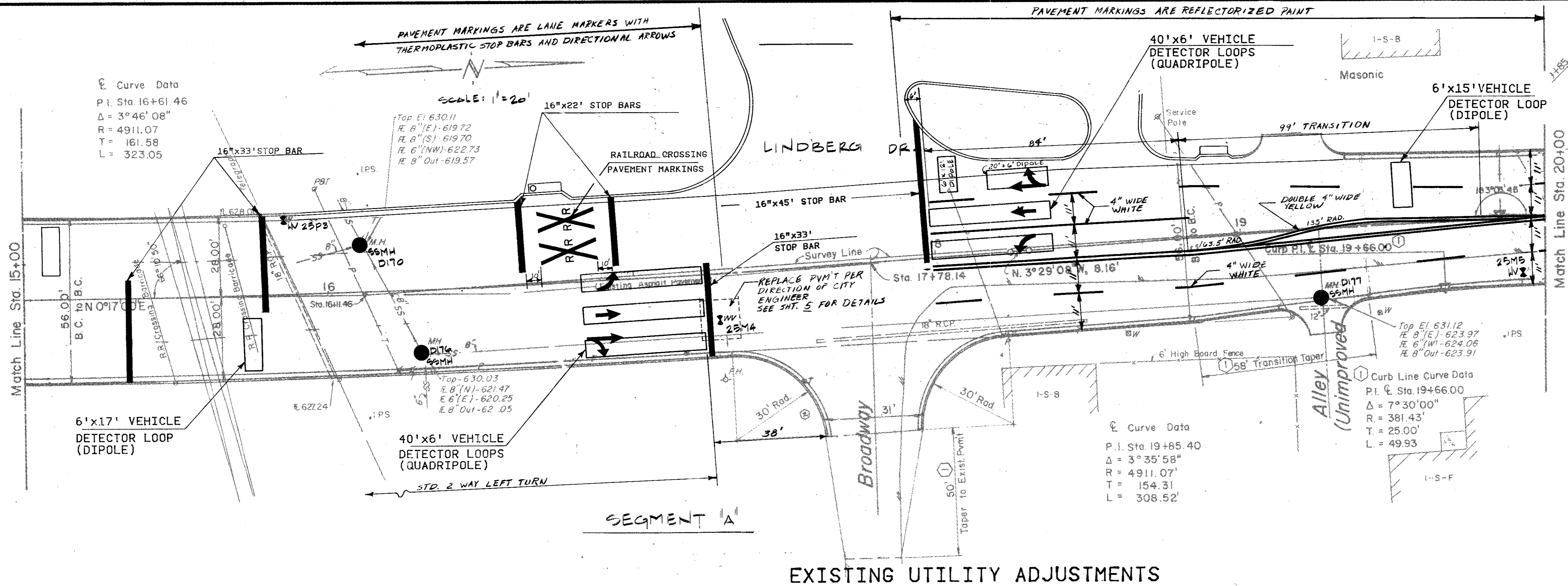
Note: Make Smooth Transition at Connection of New and Existing Asphalt Pavement.



CITY OF ADDISON, TEXAS
 ADDISON ROAD OVERLAY
 ADDISON ROAD
 STA 10+00 TO STA 15+00

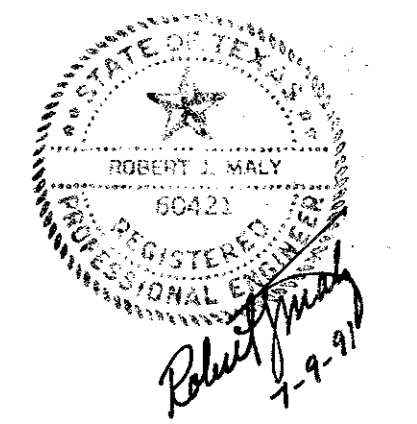
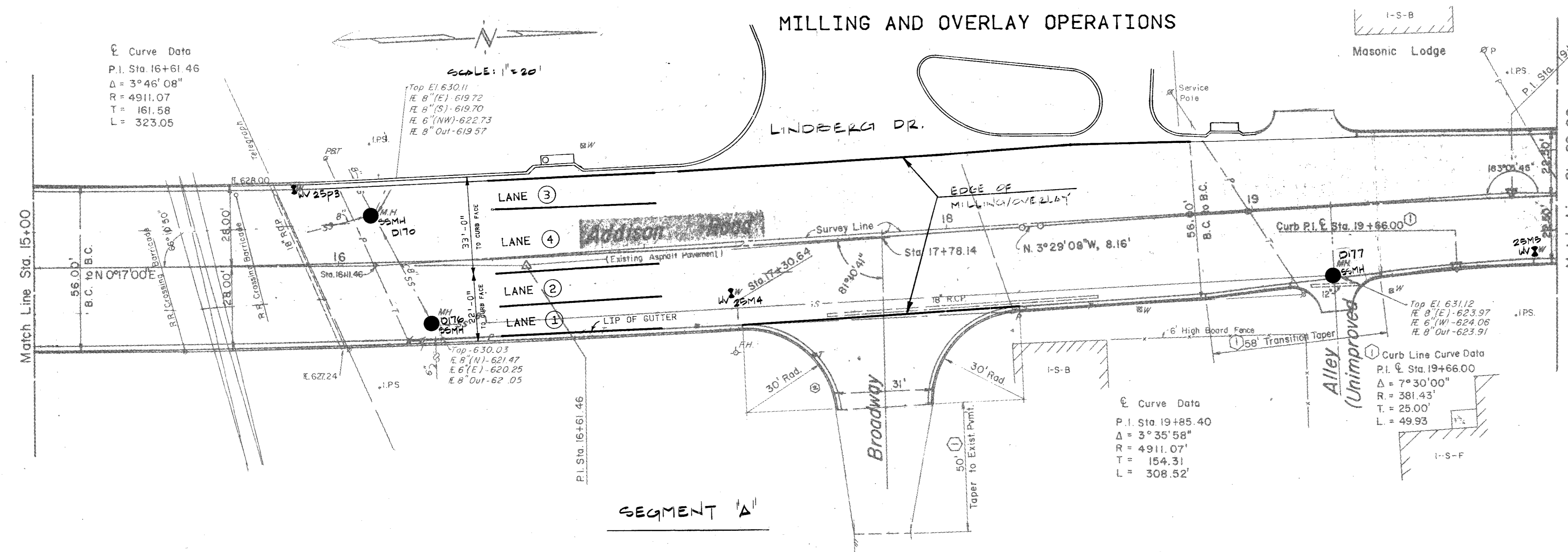
R Rudy & Associates, Inc.
 Engineers • Architects • Planners
 910 Collier Street Fort Worth, Texas 76102 817/335-6511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ		JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 8 OF 36



- LEGEND**
- ⊗ WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (STORM/SDN. SWR.) TO BE ADJUSTED

- LEGEND**
- Bench Mark
 - ⊕ Hub and Tack
 - ⊙ Iron Pin
 - ⊙ Monument
 - ⊙ Gas Meter
 - ⊙ Gas Valve
 - ⊙ Gas Line
 - ⊙ Power Pole (typical pole symbol)
 - ⊙ Power Line
 - ⊙ Guy Wire and Anchor
 - ⊙ Telephone Cable Box or Riser
 - ⊙ Telephone Line
 - ⊙ Water Meter
 - ⊙ Water Valve
 - ⊙ Water Line
 - ⊙ Fire Hydrant
 - ⊙ Water Spigot
 - ⊙ Manhole
 - ⊙ Cleanout
 - ⊙ Orange Mark
 - ⊙ Sanitary Sewer Line
 - ⊙ Storm Sewer Line
 - ⊙ Fence Line
 - ⊙ Flow Direction Indicator
 - ⊙ Property or Right-of-Way Line
 - ⊙ Easement Line



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 15+00 TO STA 20+00

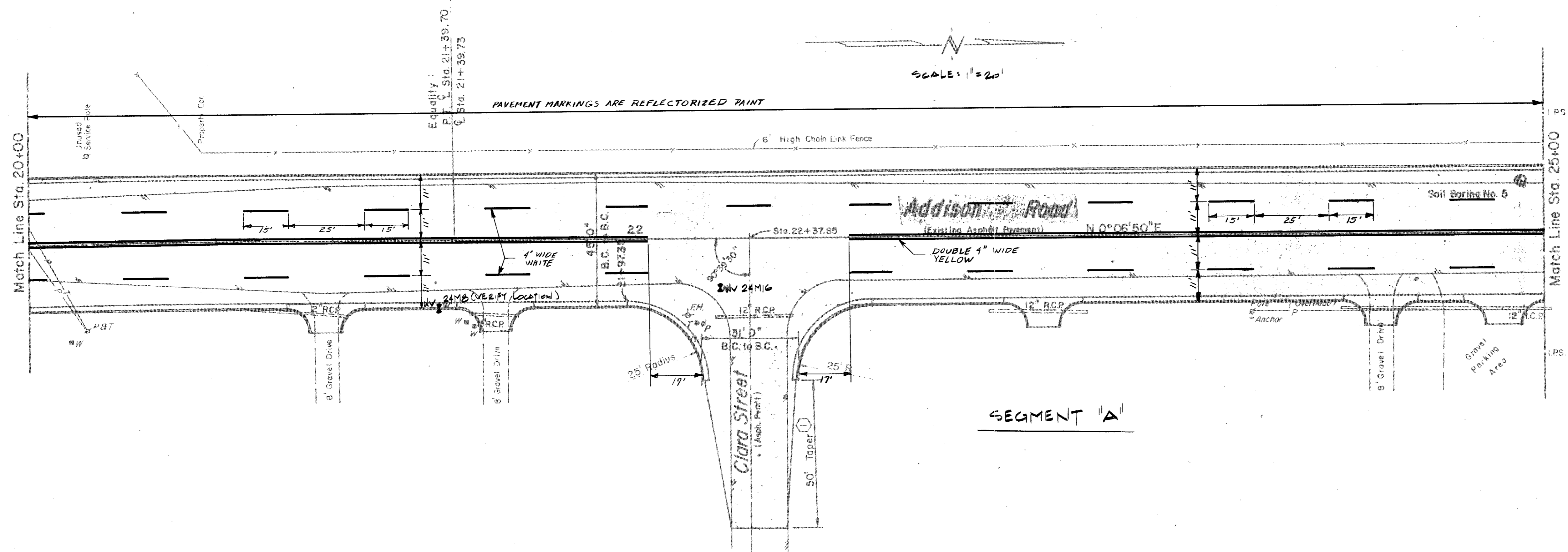
Rady & Associates, Inc.
 Engineers • Architects • Planners
 910 Collier Street Fort Worth, Texas 76102 817/335-6511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: BY:	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 9 OF 36

LEGEND

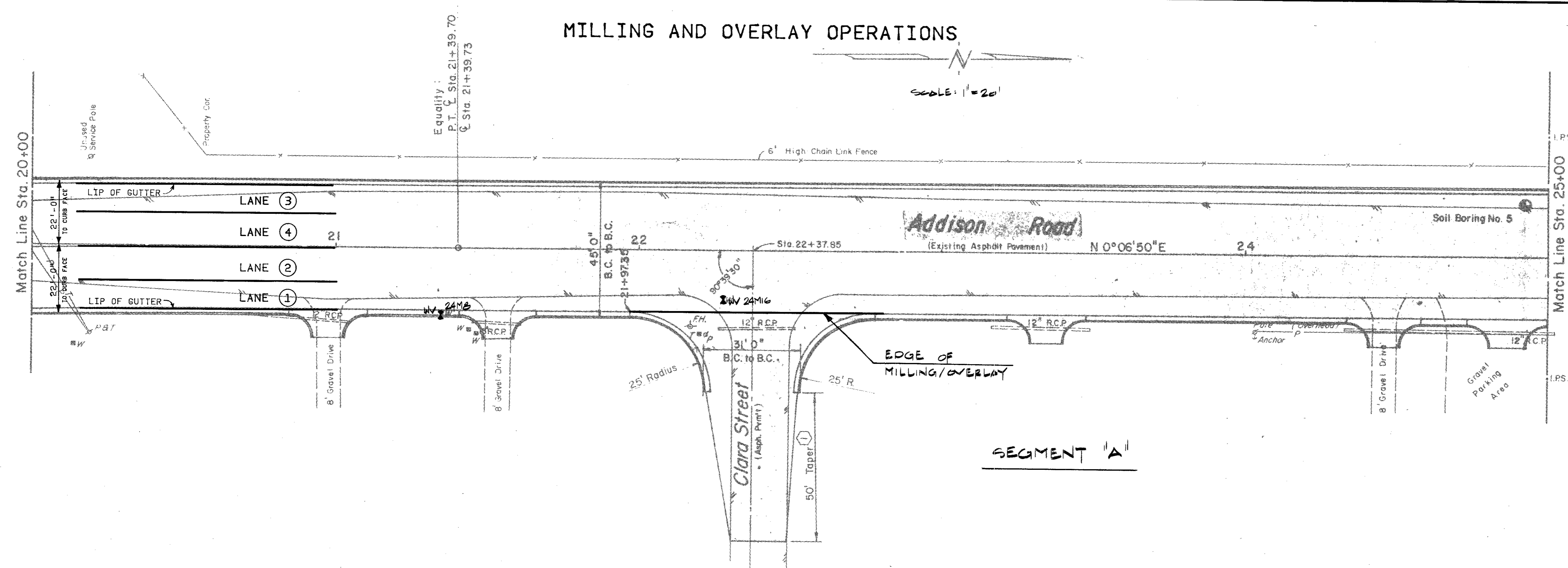
- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (C/TERM/SON, SWR.) TO BE ADJUSTED

- LEGEND
- ⊙ Bench Mark
 - ⊕ Hub and Tick
 - ⊕ Iron Pin
 - ⊕ Monument
 - ⊕ Gas Meter
 - ⊕ Gas Valve
 - ⊕ Gas Line
 - ⊕ Power Pole (typical pole symbol)
 - ⊕ Power Line
 - ⊕ Guy Wire and Anchor
 - ⊕ Telephone Cable Box, or Rise
 - ⊕ Telephone Line
 - ⊕ Water Meter
 - ⊕ Water Valve
 - ⊕ Water Line
 - ⊕ Fire Hydrant
 - ⊕ Water Spigot
 - ⊕ Manhole
 - ⊕ Cleanout
 - ⊕ Drainage Inlet
 - ⊕ Sanitary Sewer Line
 - ⊕ Storm Sewer Line
 - ⊕ Fence Line
 - ⊕ Flow Direction Indicator
 - ⊕ Property or Right-of-Way Line
 - ⊕ Easement Line

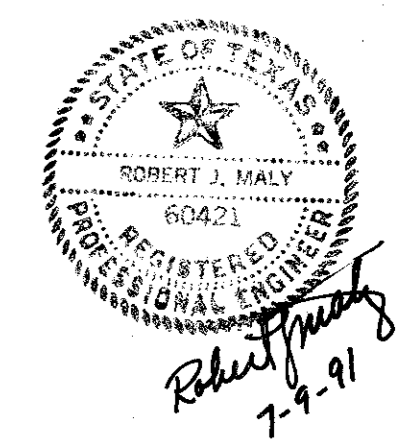


EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



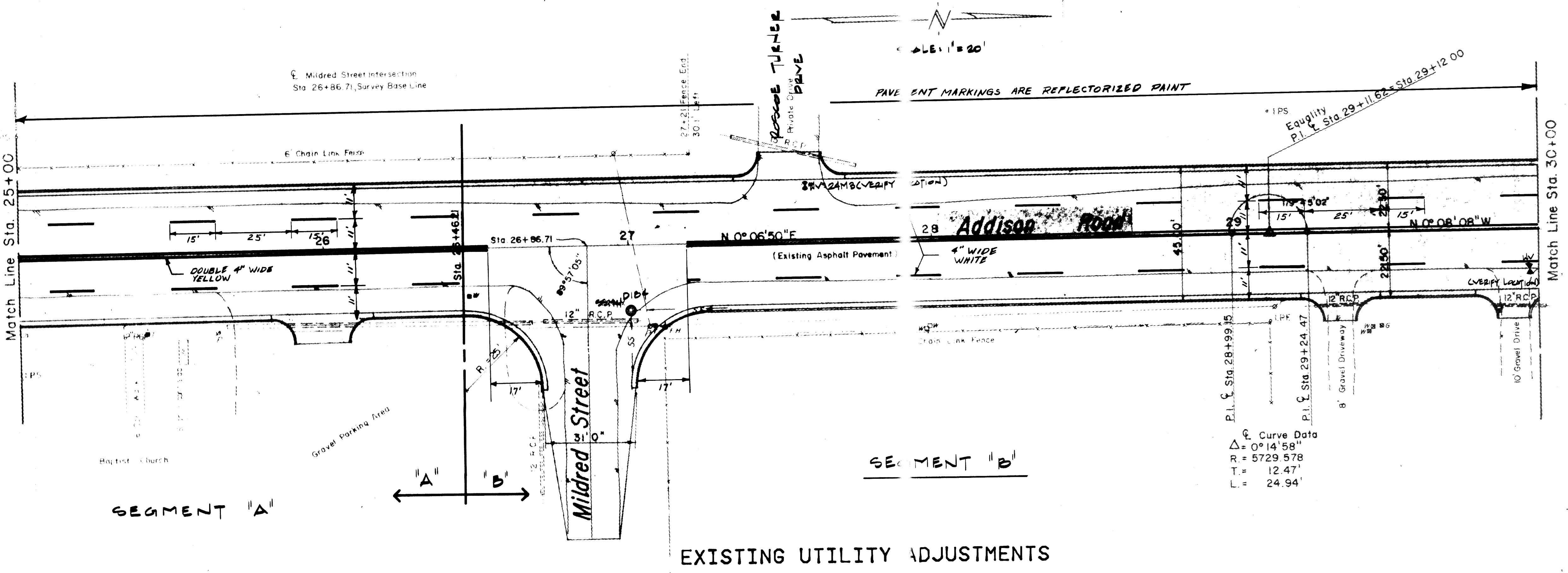
SEGMENT 'A'



CITY OF ADDISON, TEXAS
 ADDISON ROAD OVERLAY
 ADDISON ROAD
 STA 20+00 TO STA 25+00

Rady & Associates, Inc.
 Engineers • Architects • Planners
 910 Collier Street Fort Worth, Texas 76102 817/335-0511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ		JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 10 OF 36

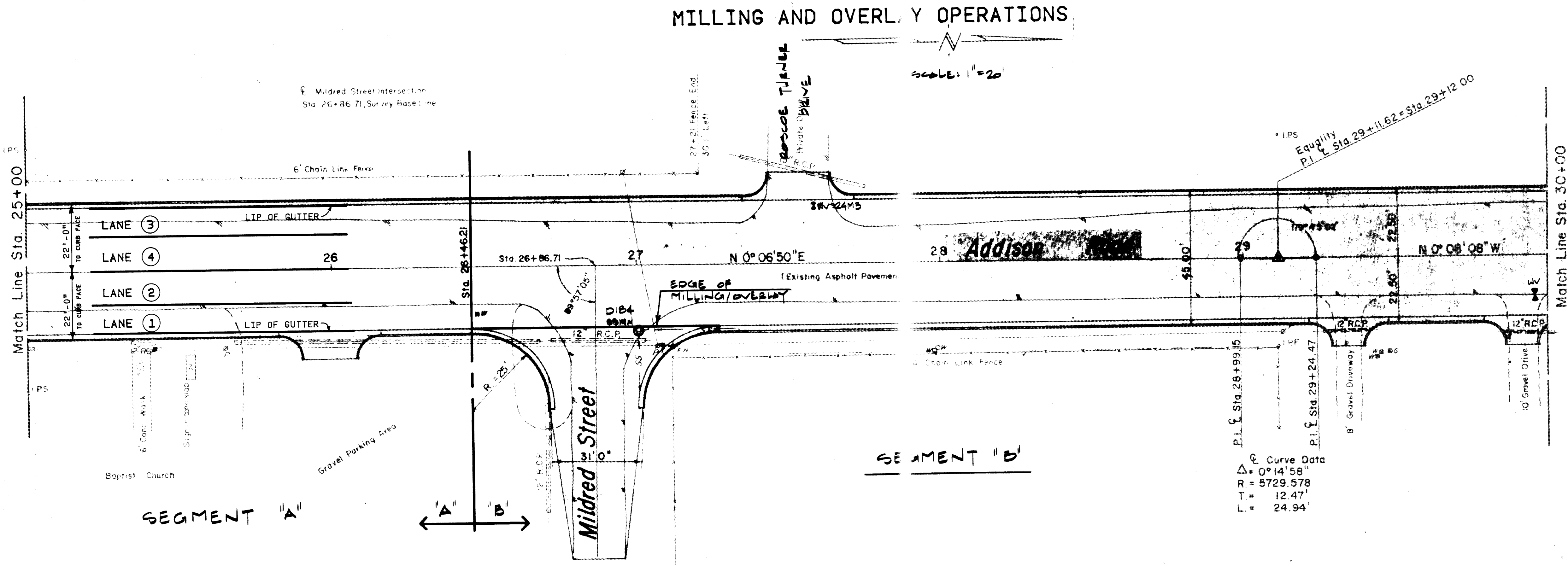


- LEGEND**
- X WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (STORM/SAN/SW.) TO BE ADJUSTED

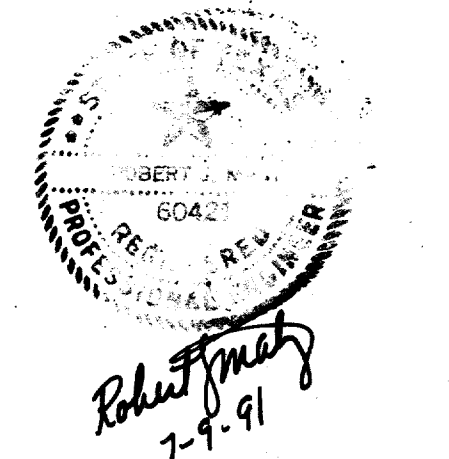
- LEGEND**
- Bench Mark
 - ⊕ Nail and Tack
 - ⊙ Iron Pin
 - ⊙ Monument
 - ⊙ Gas Water
 - ⊙ Gas Valve
 - ⊙ Gas Line
 - ⊙ Power Pole (typical pole symbol)
 - ⊙ Power Line
 - ⊙ Guy Wire and Anchor
 - ⊙ Telephone Cable Bar or Wire
 - ⊙ Water Meter
 - ⊙ Water Valve
 - ⊙ Water Line
 - ⊙ Fire Hydrant
 - ⊙ Water Spigot
 - ⊙ Channel
 - ⊙ Manhole
 - ⊙ Cleanout
 - ⊙ Drainage Inlet
 - ⊙ Sanitary Sewer Line
 - ⊙ Storm Sewer Line
 - ⊙ Power Line
 - ⊙ Fire Hydrant Indicator
 - ⊙ Property or Right-of-Way Line
 - ⊙ Easement Line

Curve Data
 $\Delta = 0^\circ 14' 58''$
 $R = 5729.578$
 $T = 12.47'$
 $L = 24.94'$

EXISTING UTILITY ADJUSTMENTS



**RECORD DRAWING
AS BID**



**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY**

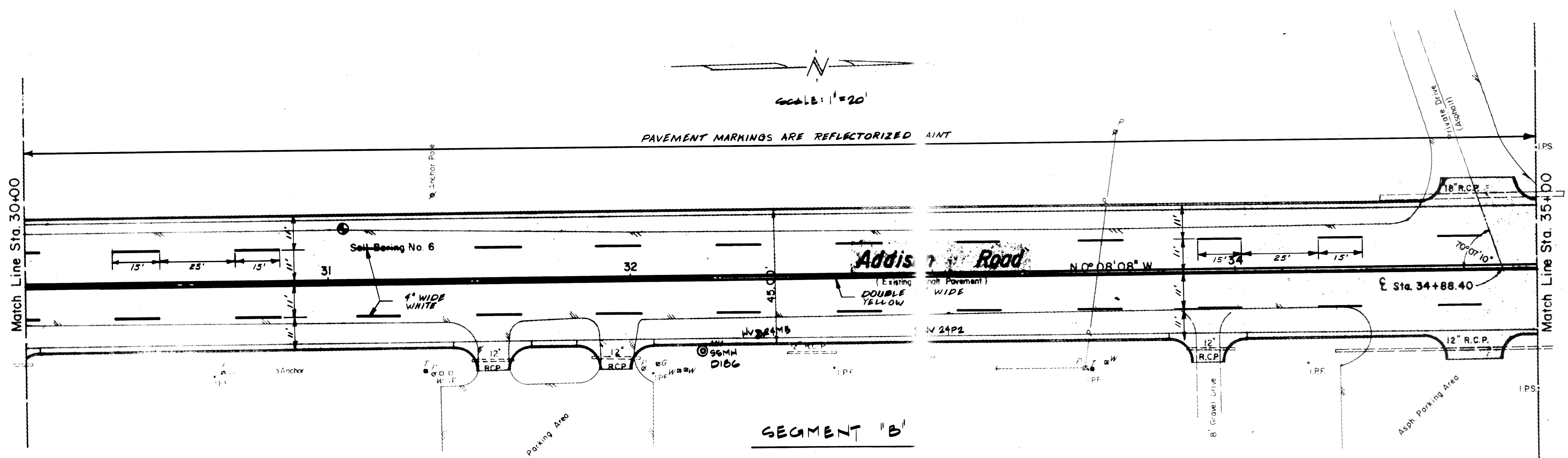
**ADDISON ROAD
STA 25+00 TO STA 30+00**

Rady & Associates, Inc.
 Engineers • Architects • Planners
 910 Collier Street Fort Worth, Texas 76102 817/335-6511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ		JOB NO: 91009
CHECKED BY: WBR		SHEET NO 11 OF 36

LEGEND

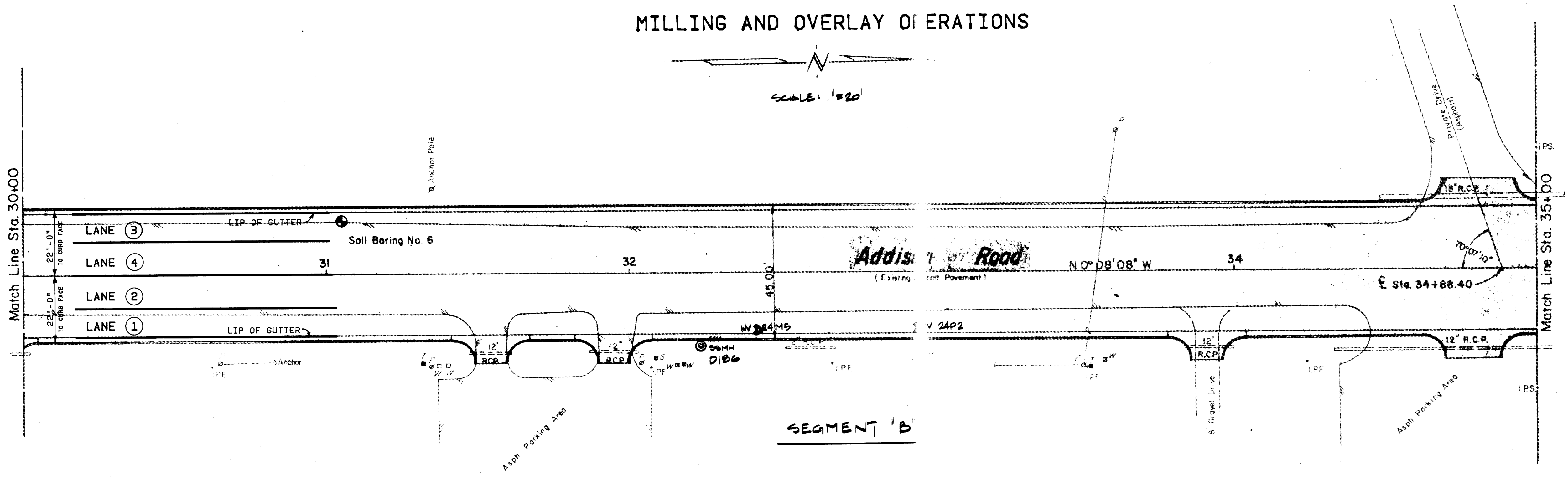
- X WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (CIFORM/SAN SWR.) TO BE ADJUSTED



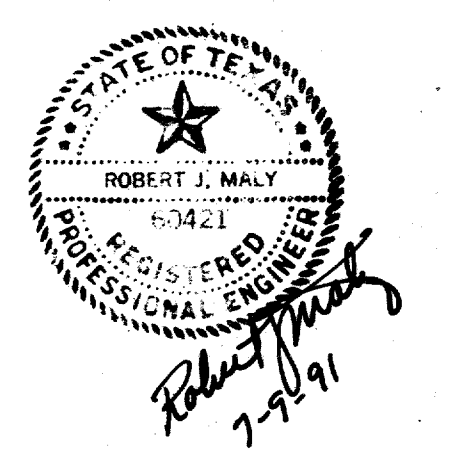
EXISTING UTILITY ADJUSTMENTS

- LEGEND**
- Sewer Manhole
 - San Manhole
 - Gas Manhole
 - Gas Valve
 - Gas Line
 - Power Pole (typical pole symbol)
 - Power Line
 - City Wire and Anchor
 - Telephone Cable Box, or Meter
 - Telephone Line
 - Water Meter
 - Water Valve
 - Water Line
 - Fire Hydrant
 - Water Sprinkler
 - Sewer
 - Cleanout
 - Sewer Inlet
 - Sewer Storm Line
 - Storm Sewer Line
 - Frame Line
 - Fire Detection Indicator
 - Property or Right-of-Way Line
 - Easement Line

MILLING AND OVERLAY OPERATIONS



**RECORD DRAWING
AS BID**



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY

ADDISON ROAD
STA 30+00 TO STA 35+00

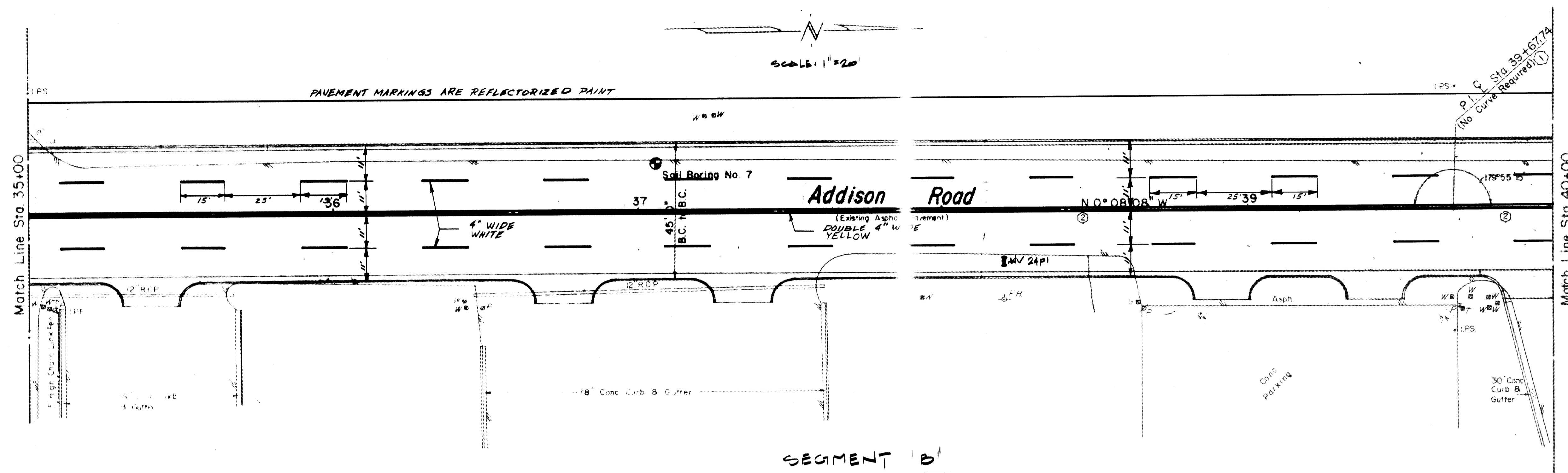
Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817/395-6511

DESIGN BY: RJM	REVISIONS DATE: BY:	DATE: MAY 1991
DRAWN BY: RAJ		JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 12 OF 36

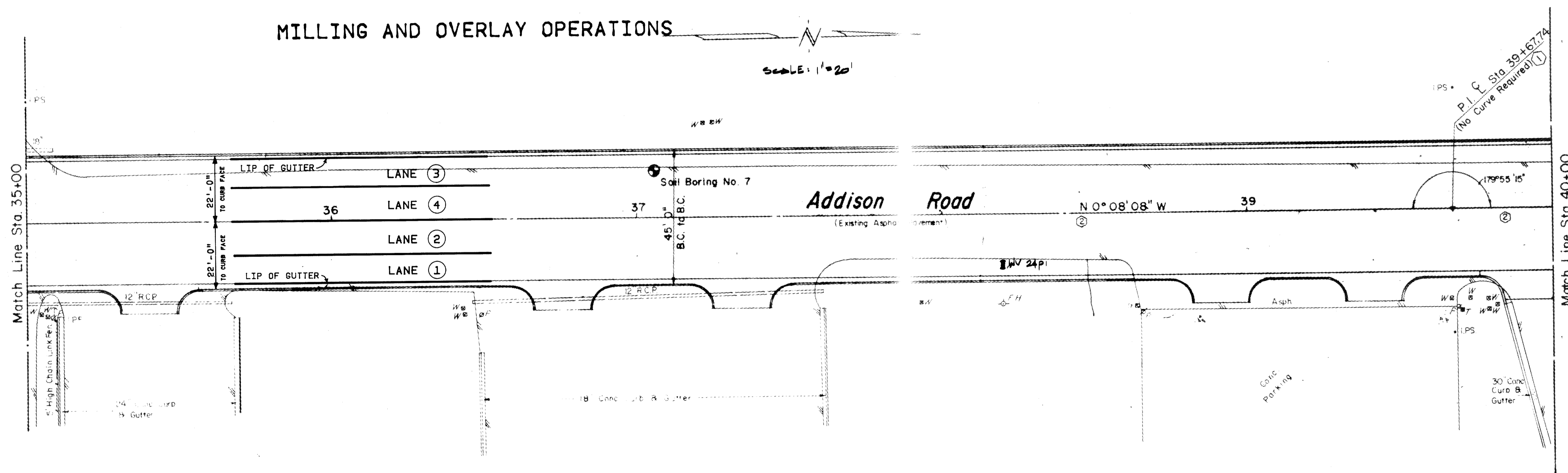
LEGEND

- ▲ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (C/FORM/SD/SWR.) TO BE ADJUSTED

- LEGEND
- Round Manhole
 - Hub and Tee
 - Iron Pipe
 - Sewer
 - Gas Water
 - Gas Valve
 - Power Pole (light pole symbol)
 - Power Line
 - Sky Wire and Anchor
 - Telephone Line
 - Water Valve
 - Water Valve
 - Water Line
 - Fire Hydrant
 - Water Sprinkler
 - Manhole
 - Cleanout
 - Sewer
 - Sanitary Sewer Line
 - Storm Sewer Line
 - Power Line
 - Fire Hydrant Indicator
 - Property or Right-of-Way Line
 - Boundary Line

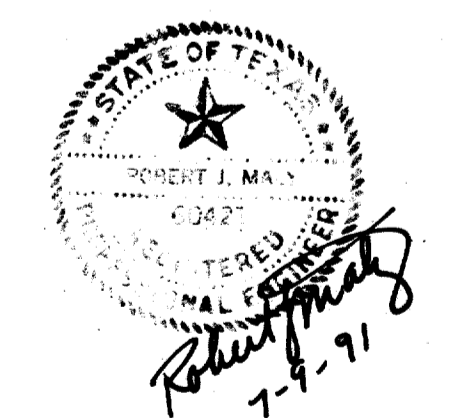


EXISTING UTILITY ADJUSTMENTS



MILLING AND OVERLAY OPERATIONS

RECORD DRAWING
AS BID



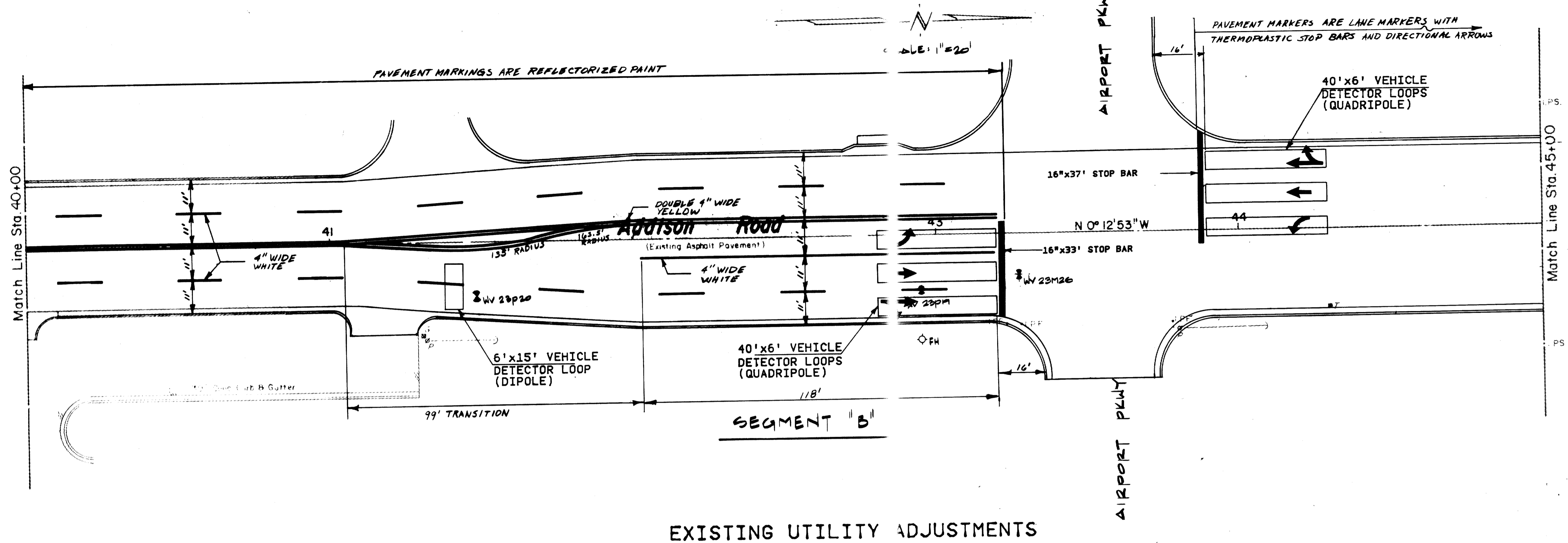
CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 35+00 TO STA 40+00

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817-395-0511

DESIGN BY: RJM	DATE	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ			JOB NO 91009
CHECKED BY: WBR			SHEET NO 13 OF 36

LEGEND

- WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SEWER/SUPPLY) TO BE ADJUSTED

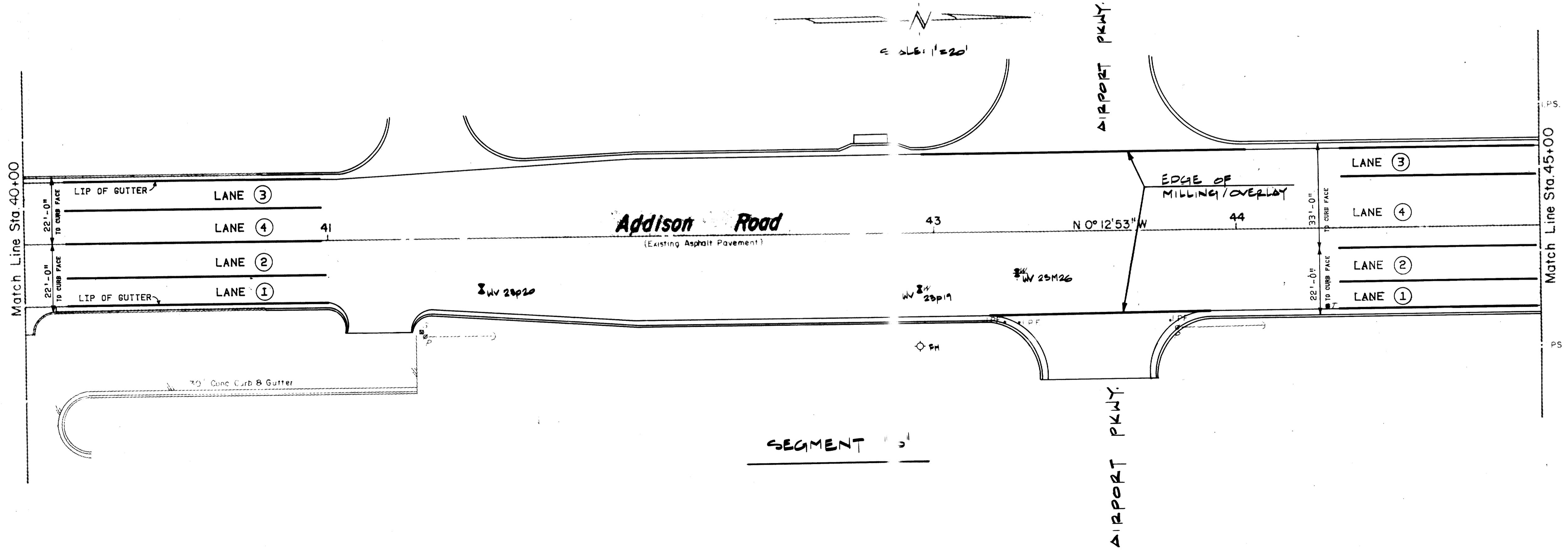


LEGEND

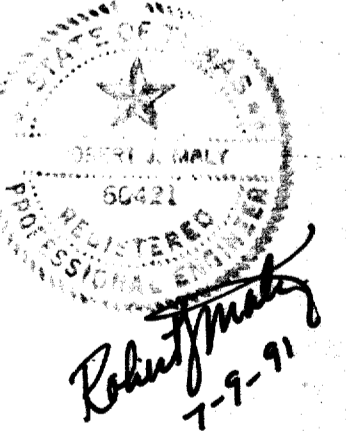
- Sand Mark
- 60 and 75 inch Pipe
- 48 inch Pipe
- 24 inch Pipe
- 12 inch Pipe
- 6 inch Pipe
- 3 inch Pipe
- 1.5 inch Pipe
- Power Pole (typical pole symbol)
- Power Line
- Guy Wire and Anchor
- Telephone Cable
- Water Main
- Water Meter
- Water Valve
- Fire Hydrant
- Water Spigot
- Cleanout
- Manhole
- Drainage Inlet
- Sanitary Sewer Line
- Storm Sewer Line
- Fence Line
- Fire Detection Indicator
- Property or Right-of-Way Line
- Easement Line

EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 40+00 TO STA 45+00

Rady & Associates, Inc.
Engineers - Architects - Planners
910 Collier Street Fort Worth, Texas 76102 817/395-4511

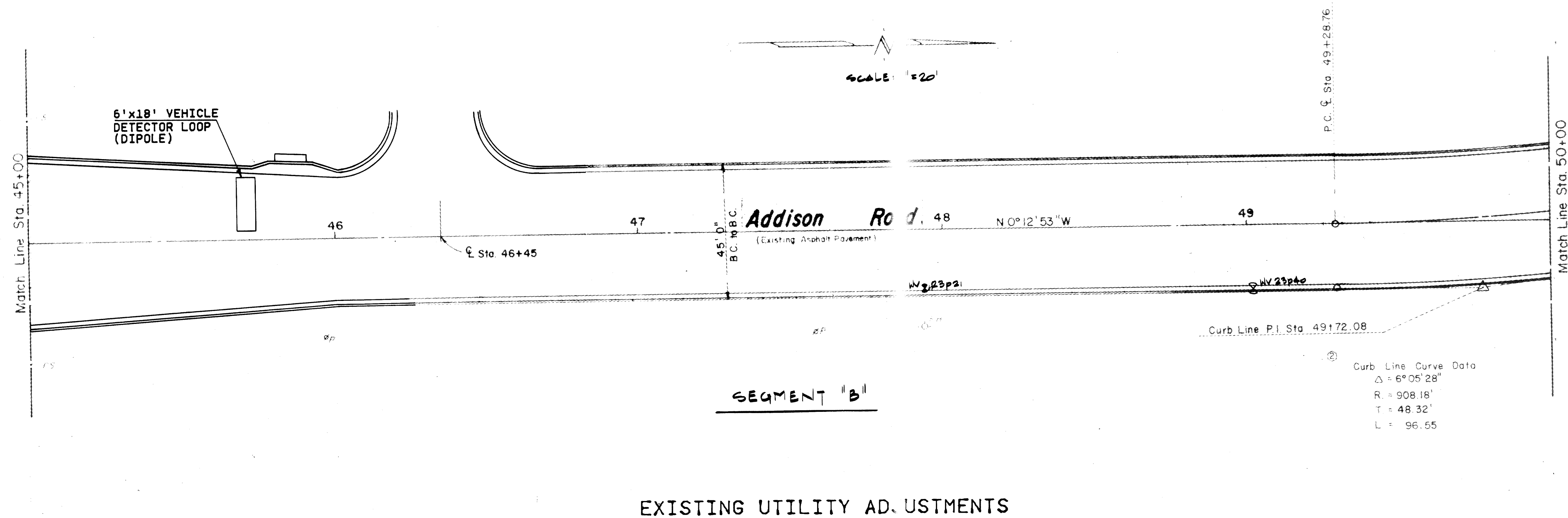
DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____	JOB NO: 91009
CHECKED BY: WBR	DATE: _____	SHEET NO: 14 OF 26

LEGEND

- WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SDM/SWR.) TO BE ADJUSTED

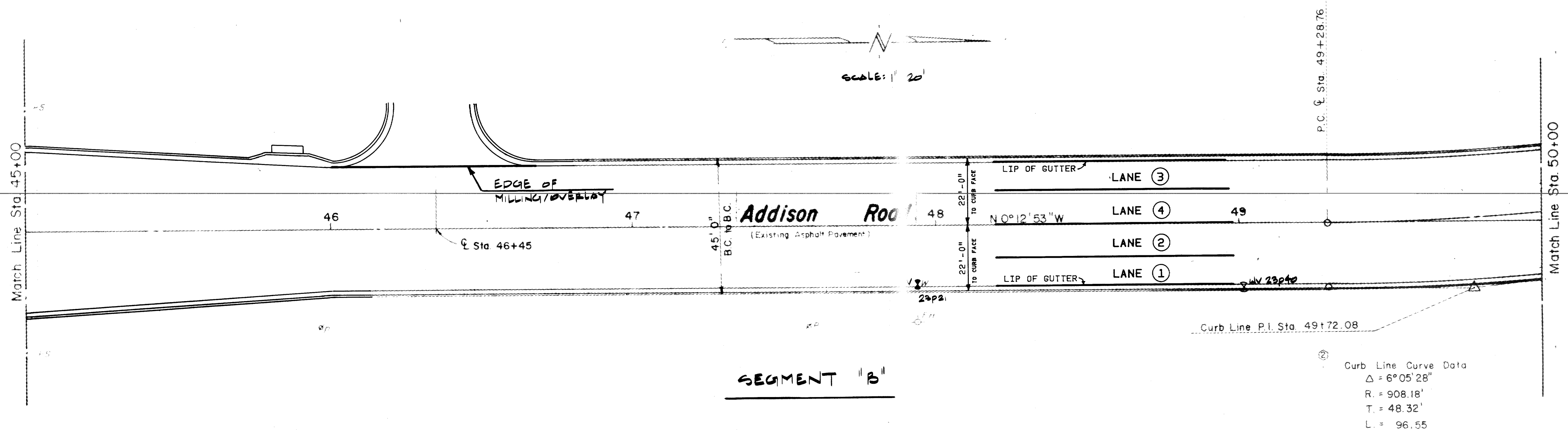
LEGEND

- South Mark
- Hub and Tick
- Iron Pin
- Manhole
- Gas Meter
- Gas Valve
- Gas Line
- Power Pole (typical pole symbol)
- Power Line
- Key Wire and Anchor
- Telephone Cable Box or Meter
- Telephone Line
- Water Meter
- Water Valve
- Water Line
- Fire Hydrant
- Water Spigot
- Manhole
- Cleanout
- Storm Sewer Line
- Sewer Line
- Storm Sewer Line
- Flood Line
- Flow Direction Indicator
- Property or Right-of-Way Line
- Easement Line

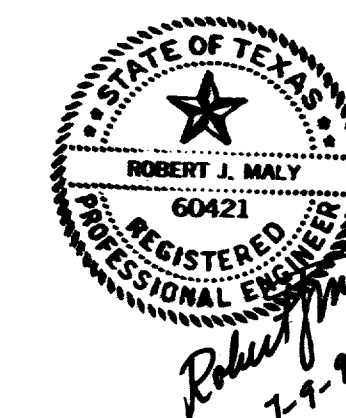


EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



RECORD DRAWING
AS BID

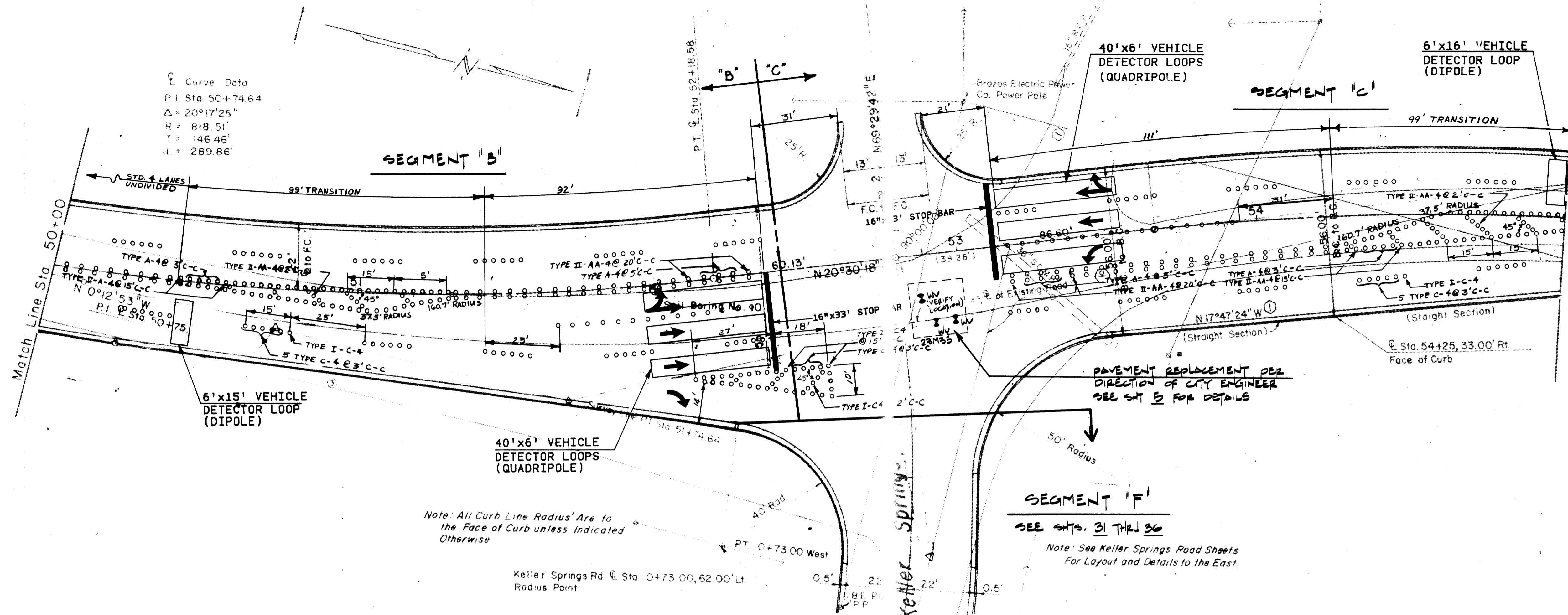


CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY

ADDISON ROAD
STA 45+00 TO STA 50+00

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817-395-6511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 15 OF 36



- LEGEND**
- X WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (STORM/SEWER) TO BE ADJUSTED

- LEGEND**
- Sewer Manhole
 - Storm Manhole
 - Gas Valve
 - Gas Meter
 - Gas Valve
 - Gas Meter
 - Power Pole (typical pole symbol)
 - Power Pole
 - Guy Wire and Anchor
 - Telephone Cable Box, or Meter
 - Telephone Line
 - Water Meter
 - Water Valve
 - Water Valve
 - Fire Hydrant
 - Fire Hydrant
 - Water Spigot
 - Manhole
 - Cleanout
 - Drainage Inlet
 - Sanitary Sewer Line
 - Storm Sewer Line
 - Power Line
 - Fire Direction Indicator
 - Property or Right-of-Way Line
 - Center Line

Note: All Curb Line Radius' Are to the Face of Curb unless Indicated Otherwise

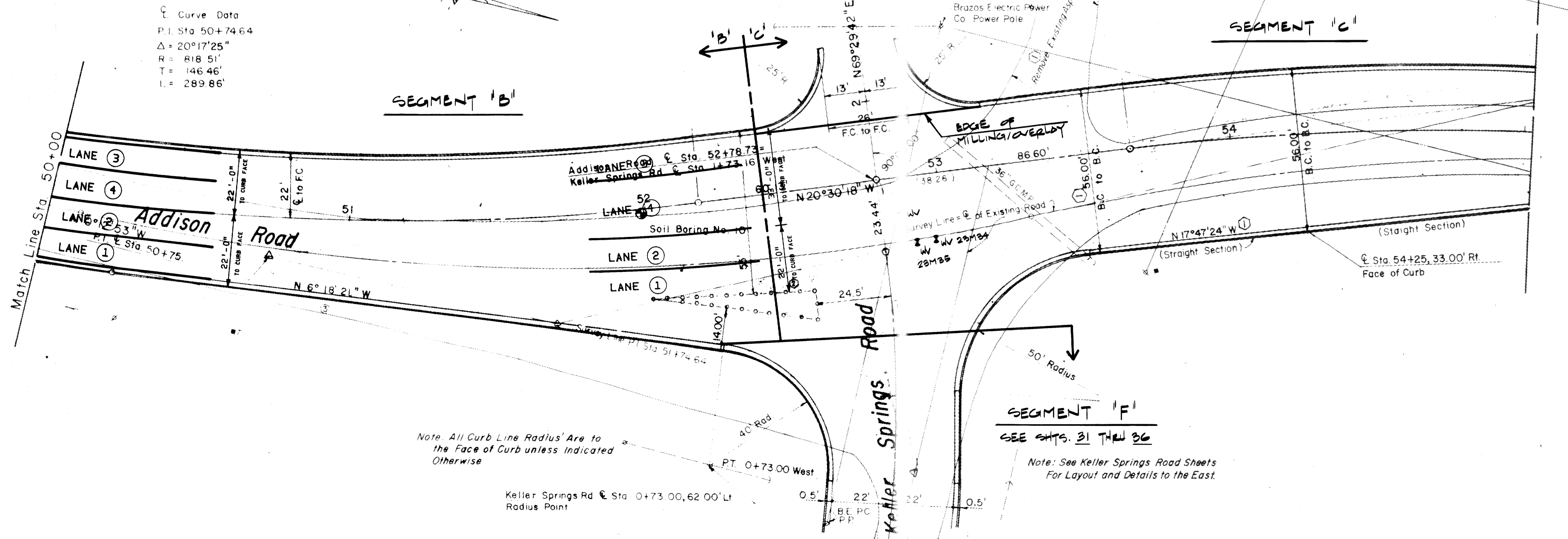
PAVEMENT REPLACEMENT PER DIRECTION OF CITY ENGINEER SEE SHT 32 FOR DETAILS

SEGMENT 'F'
SEE SHTS. 31 THRU 36

Note: See Keller Springs Road Sheets For Layout and Details to the East.

EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS

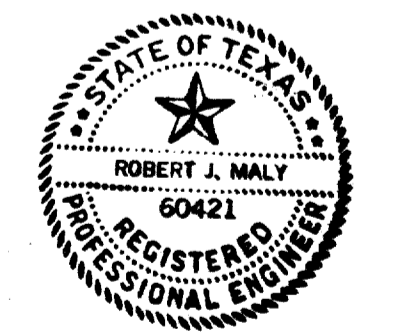


Note: All Curb Line Radius' Are to the Face of Curb unless Indicated Otherwise

SEGMENT 'F'
SEE SHTS. 31 THRU 36

Note: See Keller Springs Road Sheets For Layout and Details to the East.

RECORD DRAWING AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 50+00 TO STA 55+00

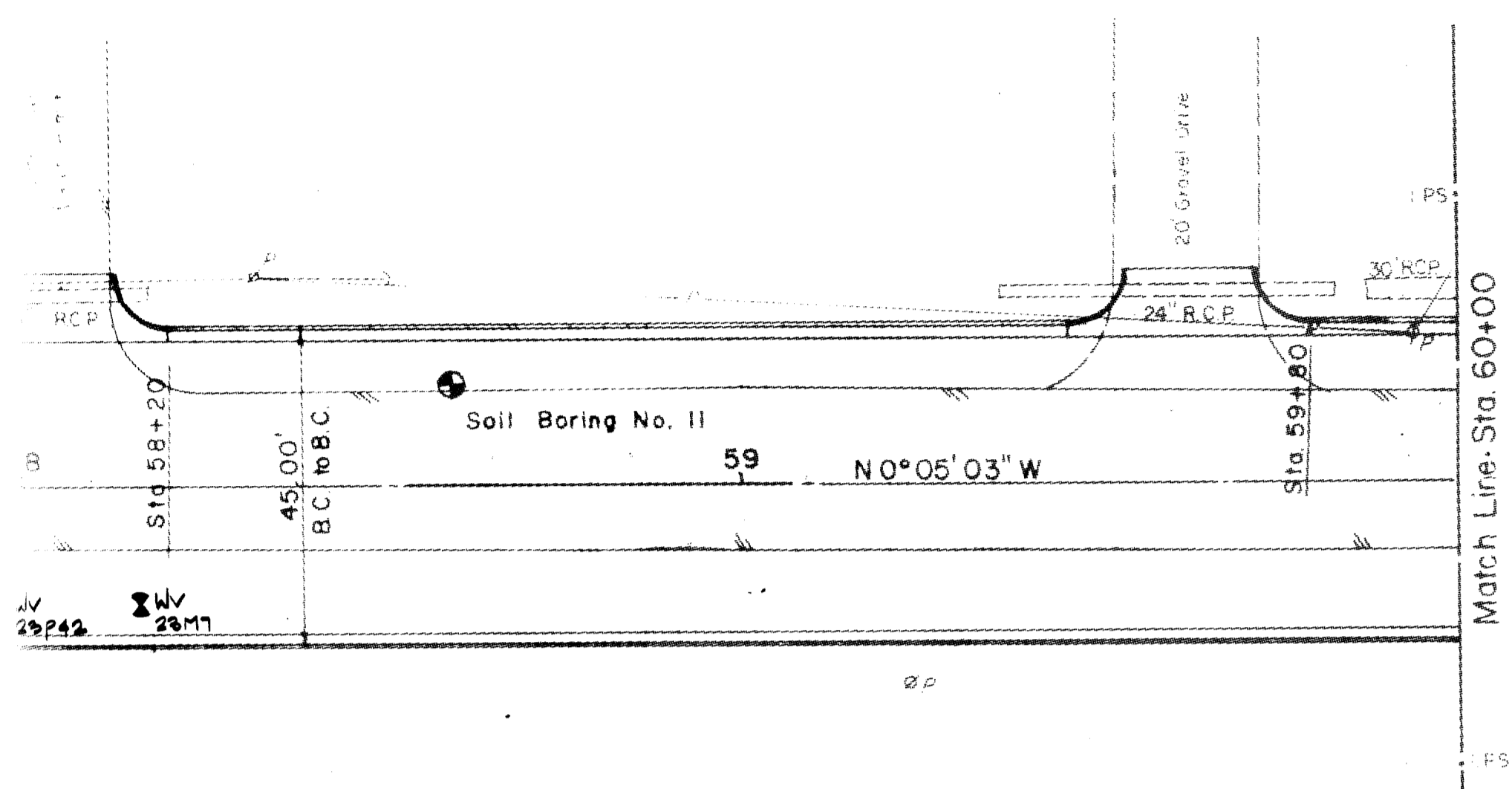
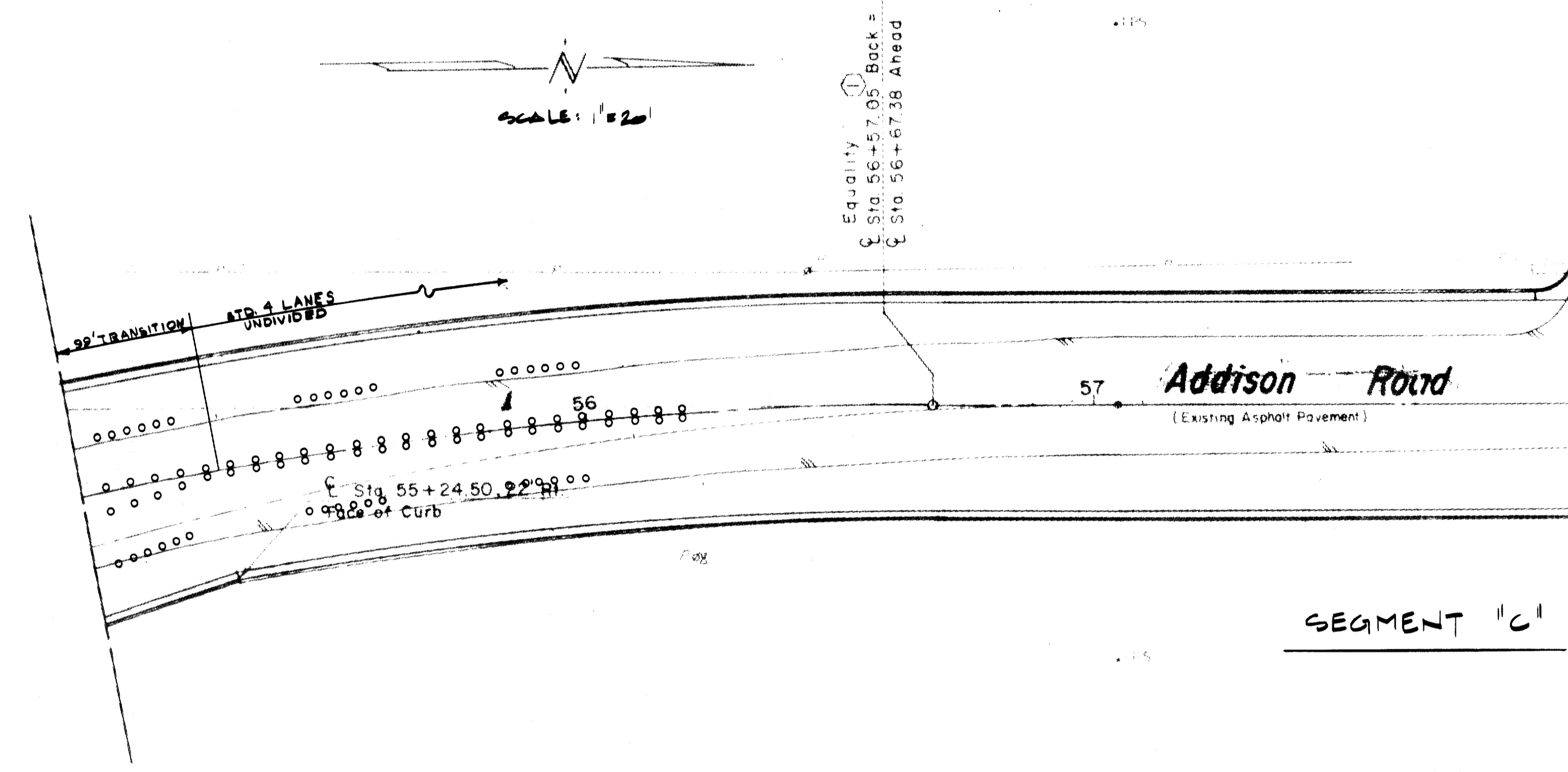
Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street, Fort Worth, Texas 76102 817-335-0511

DESIGN BY: RJM	DATE: _____	REVISIONS BY: _____	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____	REVISIONS BY: _____	JOB NO. 91009
CHECKED BY: WBR	DATE: _____	REVISIONS BY: _____	SHEET NO. 16 OF 36

LEGEND

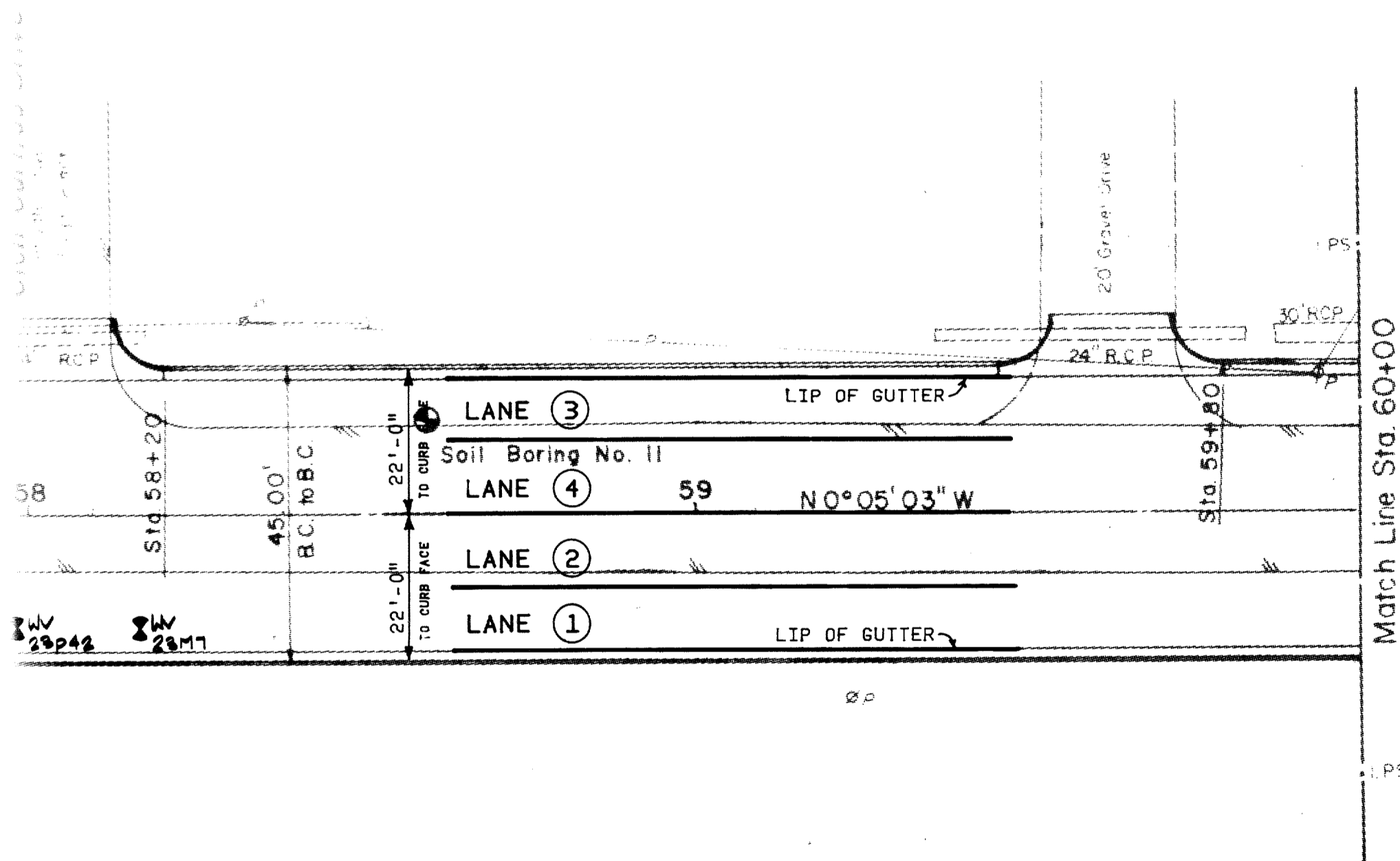
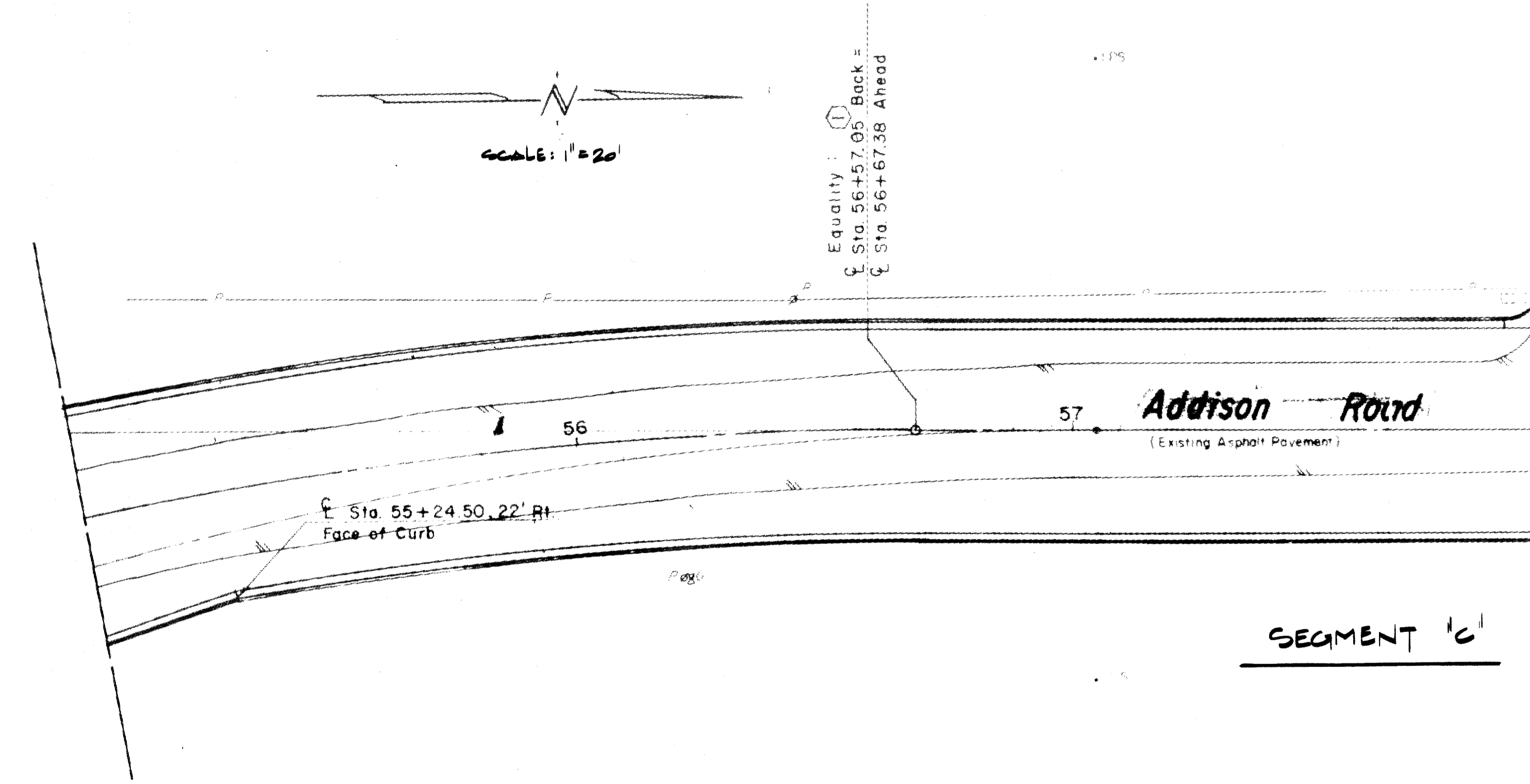
- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (CIFORM/SAL/SWR.) TO BE ADJUSTED

- LEGEND**
- Bench Mark
 - ⊕ Hub and Tack
 - ⊕ Iron Pin
 - ⊕ Monument
 - ⊕ Gas Meter
 - ⊕ Gas Valve
 - ⊕ Gas Line
 - ⊕ Power Pole (typical pole symbol)
 - ⊕ Power Line
 - ⊕ Guy Wire and Anchor
 - ⊕ Telephone Line
 - ⊕ Telephone Cable Box or Meter
 - ⊕ Water Meter
 - ⊕ Water Valve
 - ⊕ Water Line
 - ⊕ Fire Hydrant
 - ⊕ Water Spigot
 - ⊕ Manhole
 - ⊕ Cleanout
 - ⊕ Drains
 - ⊕ Sanitary Sewer Line
 - ⊕ Storm Sewer Line
 - ⊕ Face Line
 - ⊕ Flow Direction Indicator
 - ⊕ Property or Right-of-Way Line
 - ⊕ Easement Line



EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



**RECORD DRAWING
AS BID**



**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 55+00 TO STA 60+00**

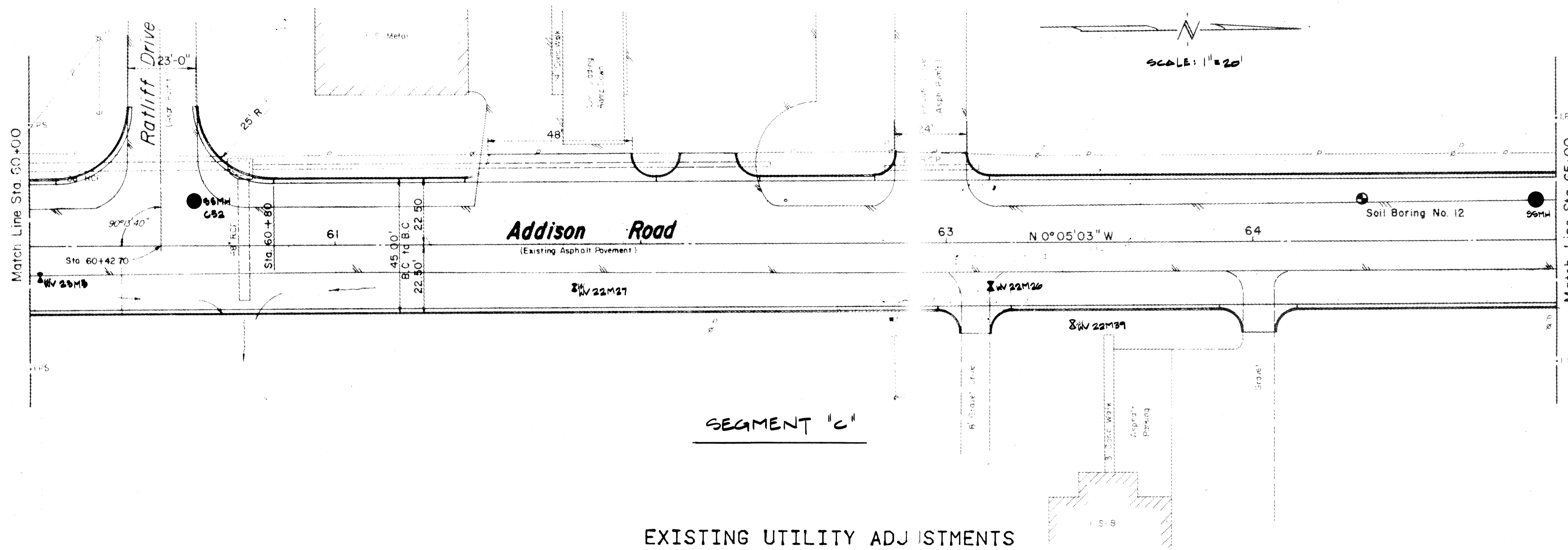
Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817/395-6511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ		JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 17 OF 36

LEGEND

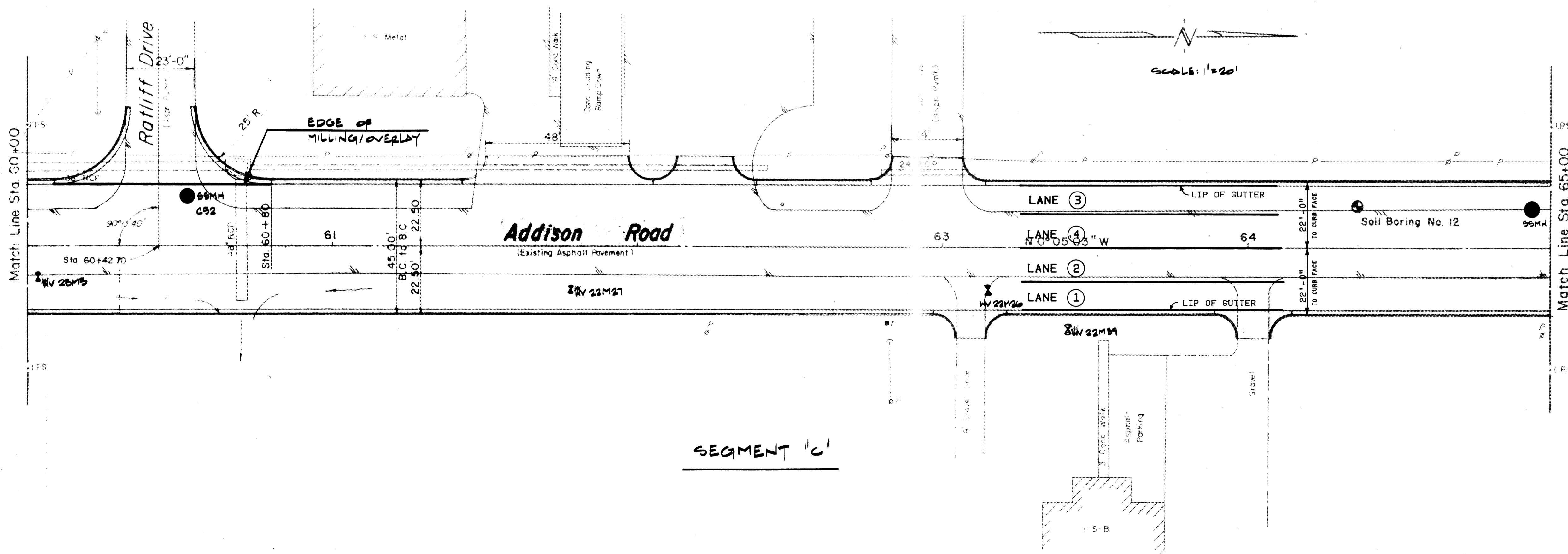
- WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SEWER) TO BE ADJUSTED

- LEGEND**
- Manhole
 - Cleanout
 - Water Valve
 - Gas Valve
 - Gas Line
 - Power Line
 - Telephone Line
 - Water Line
 - Fire Hydrant
 - Manhole Cover
 - Storm Sewer Line
 - Sewer Line
 - Face Line
 - Flow Direction Indicator
 - Easement Line



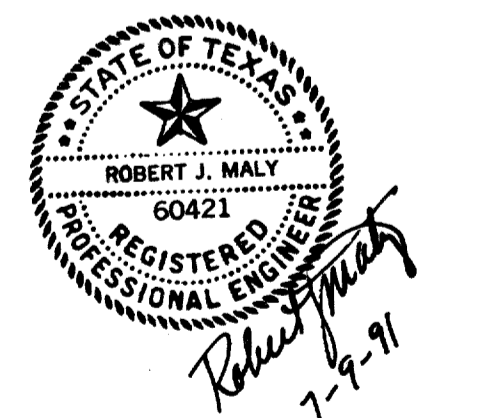
EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



SEGMENT "C"

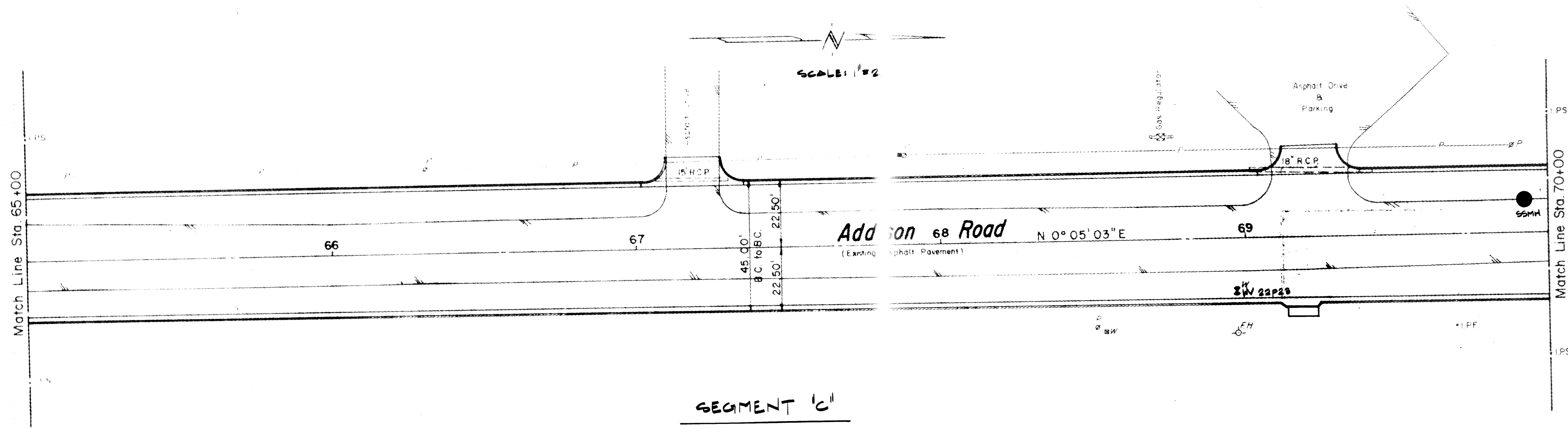
RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 60+00 TO STA 65+00

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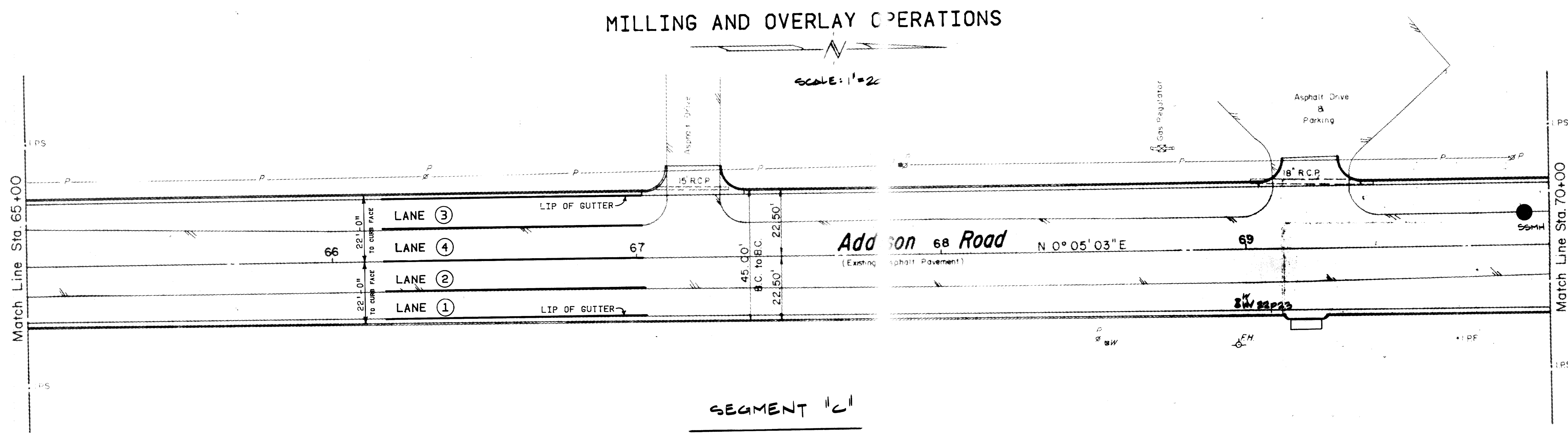
DESIGN BY: RJM	DATE: _____	REVISIONS BY: _____	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____	DATE: _____	JOB NO: 91009
CHECKED BY: WBR	DATE: _____	DATE: _____	SHEET NO. 18 OF 36



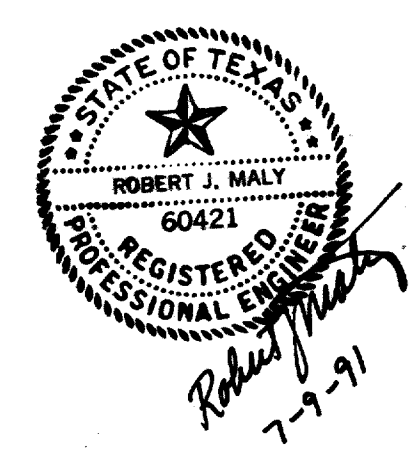
- LEGEND**
- WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (STORM/SDM/SWR.) TO BE ADJUSTED

- LEGEND**
- Bench Mark
 - Hub and Tee
 - Iron Pin
 - Monument
 - Gas Meter
 - Gas Valve
 - Gas Line
 - Power Pole (typical pole symbol)
 - Power Line
 - Guy Wire and Anchor
 - Telephone Cable Box or Manhole
 - Telephone Line
 - Water Meter
 - Water Valve
 - Water Line
 - Fire Hydrant
 - Water Spigot
 - Manhole
 - Cleanout
 - Drainage Manhole
 - Sanitary Sewer Line
 - Storm Sewer Line
 - Power Line
 - Flow Direction Indicator
 - Property or Right-of-Way Line
 - Easement Line

EXISTING UTILITY ADJUSTMENTS



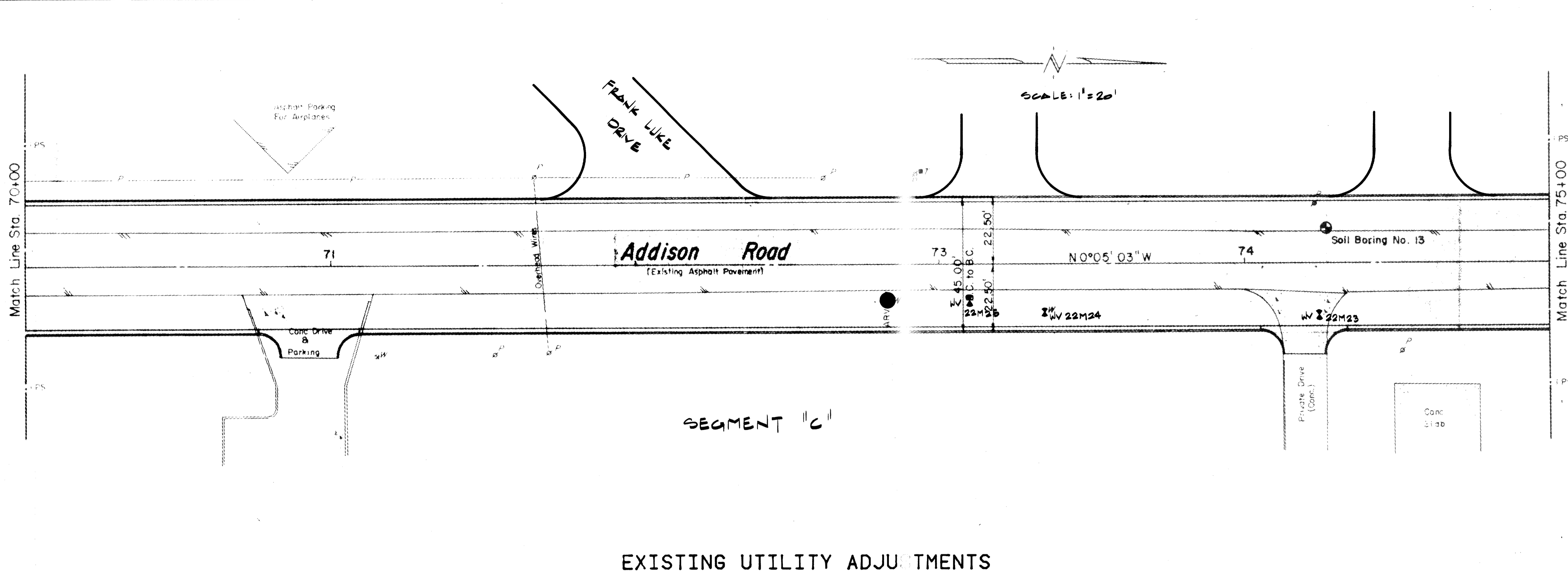
**RECORD DRAWING
AS BID**



**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 65+00 TO STA 70+00**

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DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO: 91009
CHECKED BY: HBR	_____	SHEET NO. 19 OF 36

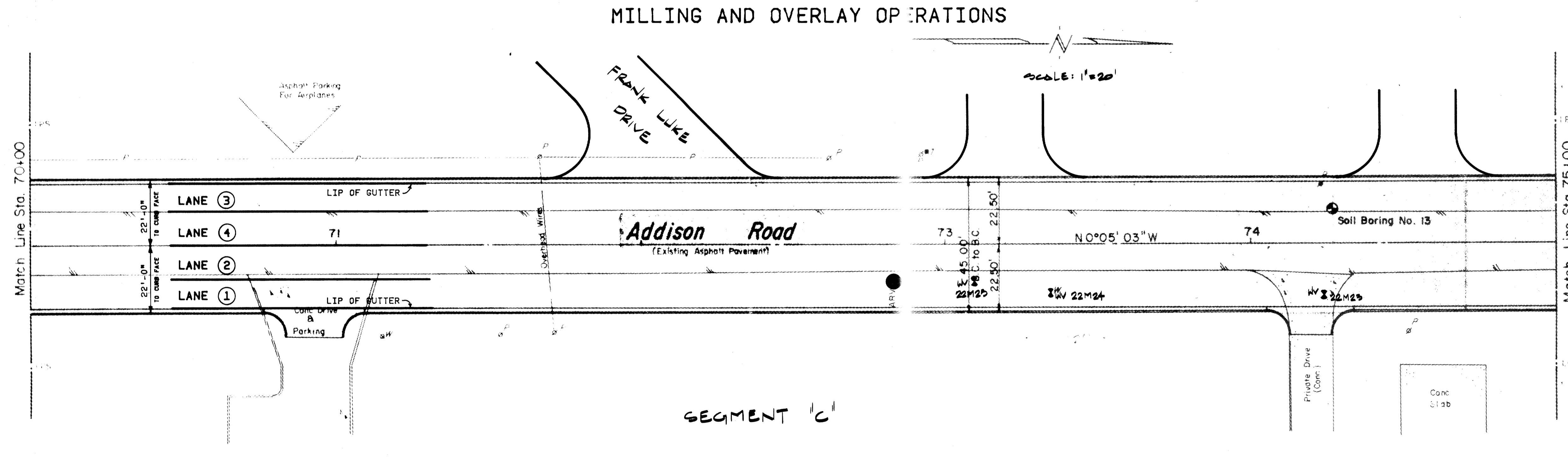


LEGEND

- X WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (COVER/SOL. SH.) TO BE ADJUSTED

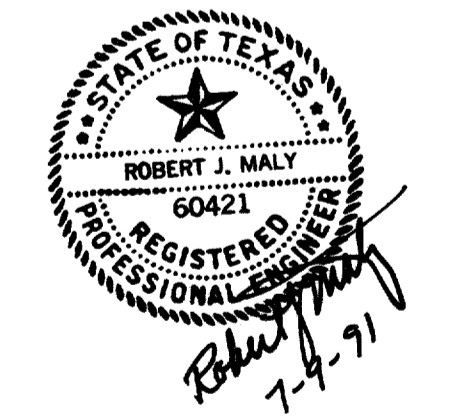
- LEGEND**
- Road Mark
 - Sid. and Topk
 - Fire Pit
 - Manhole
 - Gas Meter
 - Gas Valve
 - Gas Line
 - Power Pole (typical pole symbol)
 - Power Line
 - Guy Wire and Anchor
 - Telephone Cable Bur. or Meter
 - Telephone Line
 - Water Meter
 - Water Valve
 - Water Line
 - Fire Hydrant
 - Water Sump
 - Manhole
 - Cleanout
 - Drainage Inlet
 - Sewer Sump Line
 - Storm Sewer Line
 - Fence Line
 - Flow Direction Indicator
 - Property or Right-of-Way Line
 - Easement Line

EXISTING UTILITY ADJUSTMENTS



MILLING AND OVERLAY OPERATIONS

RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 70+00 TO STA 75+00

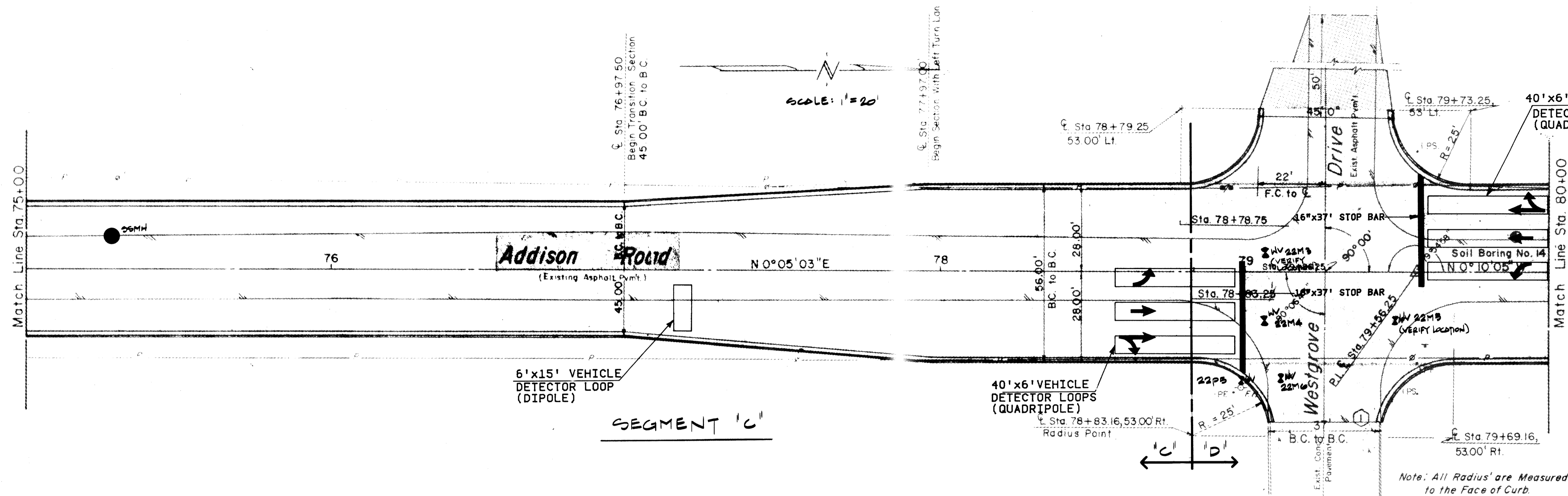
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DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 20 OF 36

LEGEND

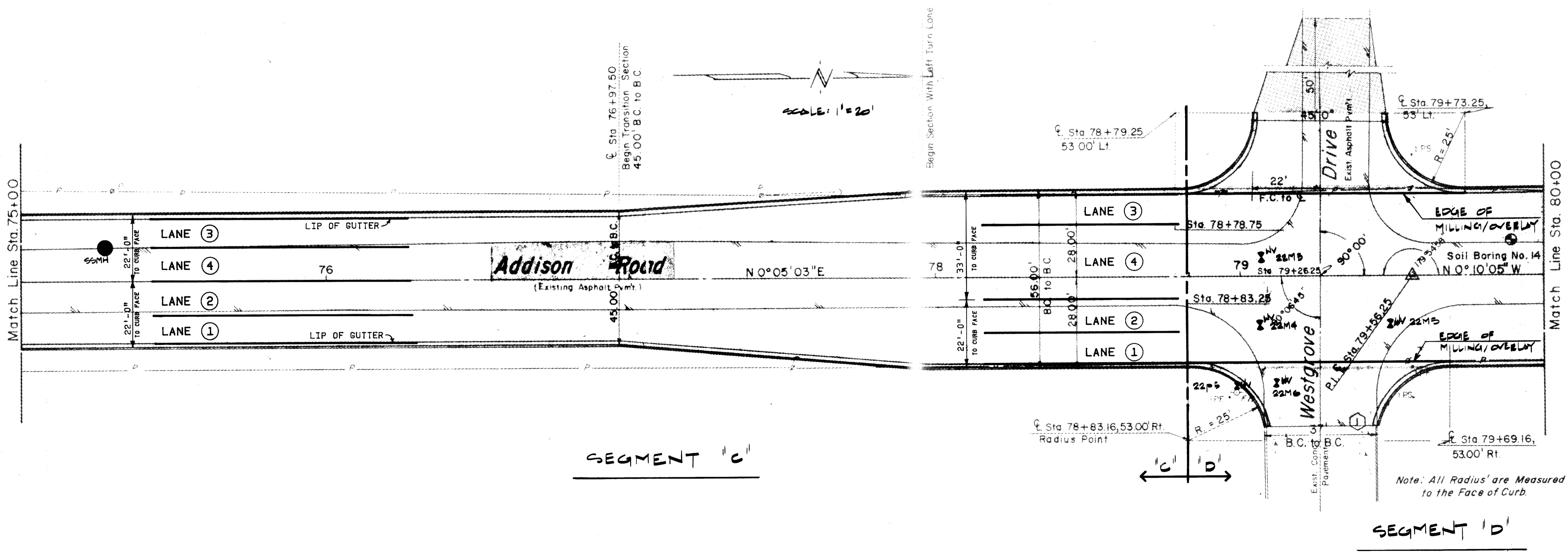
- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SEWER) TO BE ADJUSTED

- LEGEND
- Bench Mark
 - ⊕ Hub and Tack
 - ⊕ Iron Pipe Monument
 - ⊕ Gas Meter
 - ⊕ Gas Valve
 - ⊕ Gas Line
 - ⊕ Power Pole (typical pole symbol)
 - ⊕ Guy Wire and Anchor
 - ⊕ Telephone Cable Box or Meter
 - ⊕ Telephone Line
 - ⊕ Water Meter
 - ⊕ Water Valve
 - ⊕ Water Line
 - ⊕ Fire Hydrant
 - ⊕ Water Sprinkler
 - ⊕ Manhole
 - ⊕ Cleanout
 - ⊕ Damage Mark
 - ⊕ Sanitary Sewer Line
 - ⊕ Storm Sewer Line
 - ⊕ Power Line
 - ⊕ Flow Direction Indicator
 - ⊕ Property or Right-of-Way Line
 - ⊕ Easement Line



EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



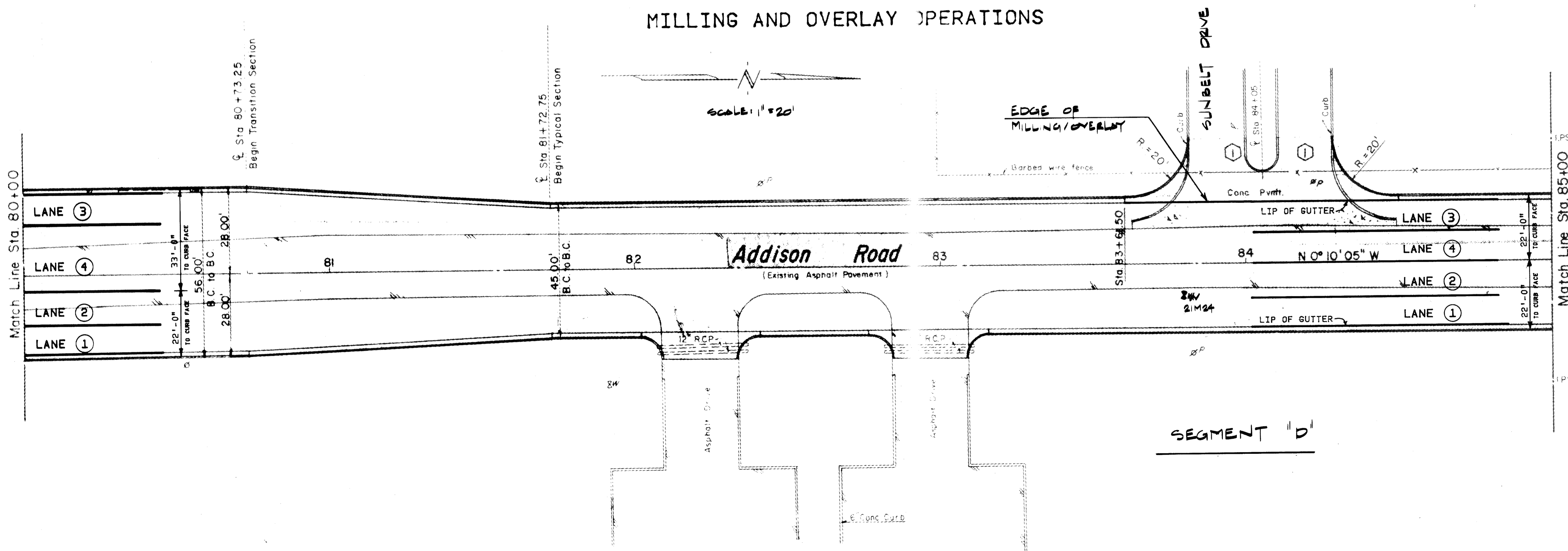
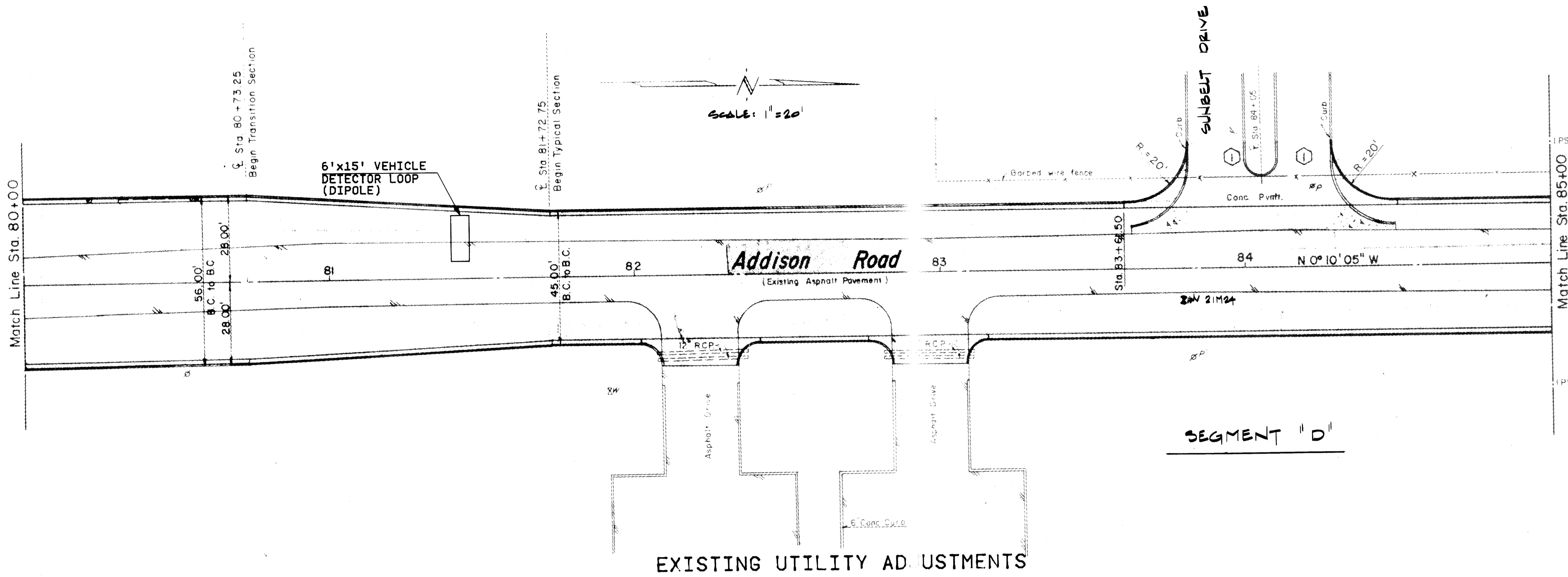
RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 75+00 TO STA 80+00

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DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 21 OF 36

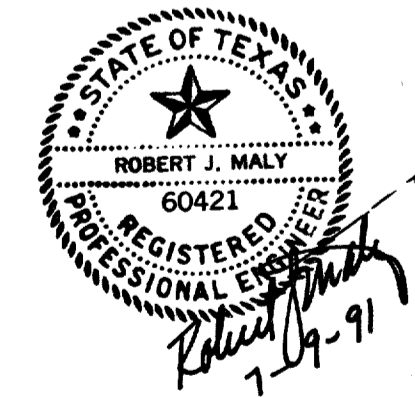


LEGEND

- X WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SEWER) TO BE ADJUSTED

Symbol	Description
○	Blank Mark
○	Hub and Tee
○	Iron Pin
○	Manhole
○	Gas Meter
○	Gas Valve
○	Gas Line
○	Power Pole (typical pole symbol)
○	Power Line
○	Guy Wire and Anchor
○	Telephone Cable Box, or Meter
○	Telephone Line
○	Water Meter
○	Water Valve
○	Water Line
○	Fire Hydrant
○	Water Sprig
○	Manhole
○	Cleanout
○	Bridge Inlet
○	Sewer Sewer Line
○	Storm Sewer Line
○	Force Line
○	Flow Direction Indicator
○	Property or Right-of-Way Line
○	Comment Line

**RECORD DRAWING
AS BID**































**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
STA 80+00 TO STA 85+00**

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DRAWN BY: RAJ	DATE:	JOB NO. 91009
CHECKED BY: WBR		SHEET NO. 22 OF 36

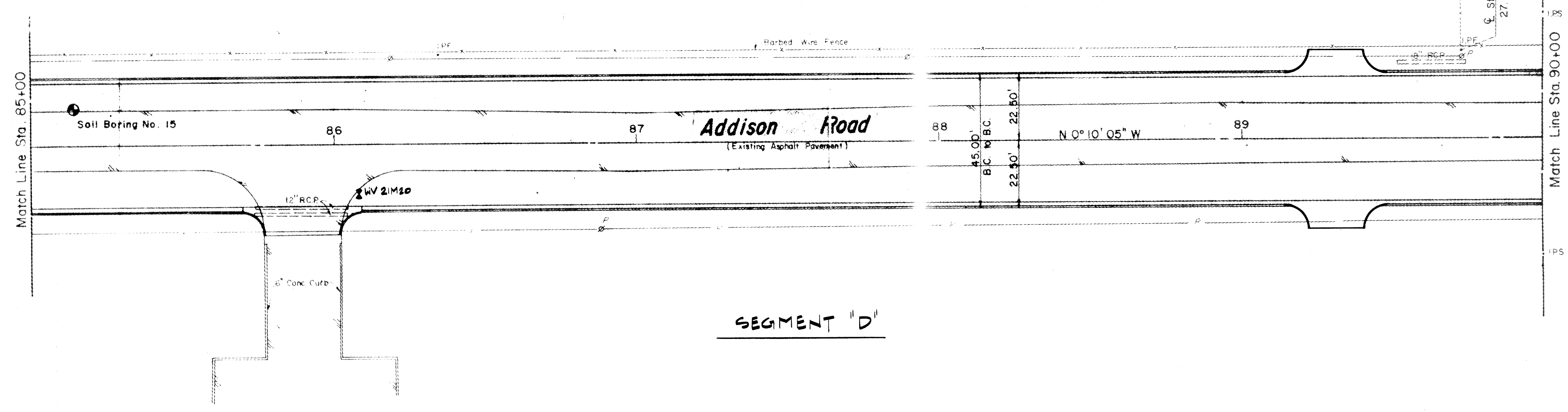
LEGEND

-  WATER VALVE TO BE ADJUSTED
-  CLEANOUT TO BE ADJUSTED
-  MANHOLE (STORM/SEWER) TO BE ADJUSTED

- LEGEND**
-  Bench Mark
 -  Hub and Tee
 -  Iron Pin
 -  Manhole
 -  Gas Meter
 -  Gas Valve
 -  Gas Line
 -  Power Pole (typical pole symbol)
 -  Guy Wire and Anchor
 -  Telephone Cable Box or Meter
 -  Telephone Line
 -  Water Meter
 -  Water Valve
 -  Water Line
 -  Fire Hydrant
 -  Water Spigot
 -  Manhole
 -  Cleanout
 -  Drainage Inlet
 -  Sanitary Sewer Line
 -  Storm Sewer Line
 -  Power Line
 -  Flow Direction Indicator
 -  Property or Right-of-Way Line
 -  Easement Line

SCALE: 1"=20'

Note: See Sheet 52 For
Spcl. Curbing at 89+68



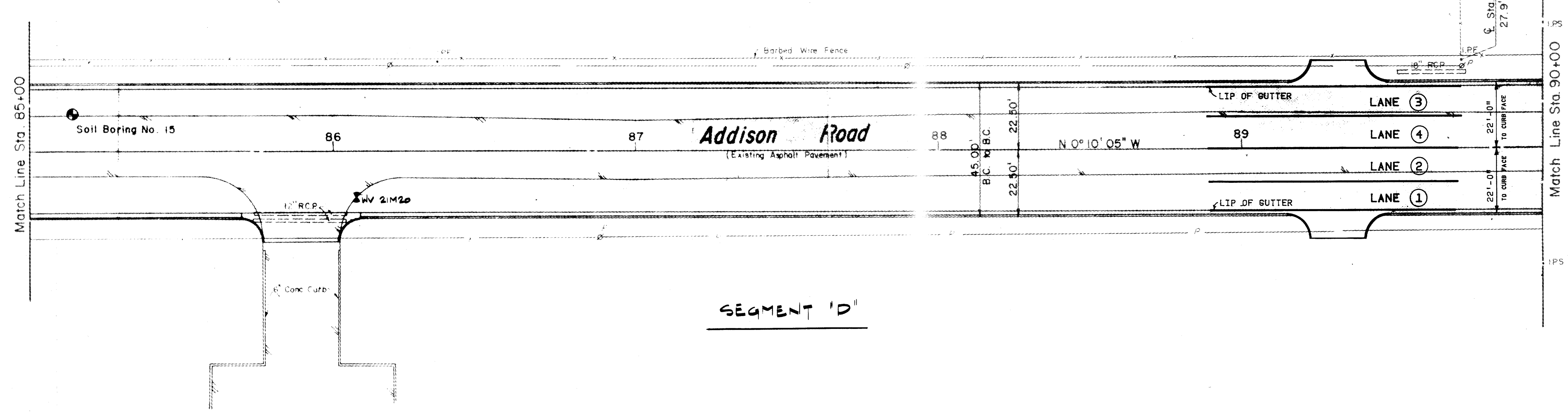
SEGMENT "D"

EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS

SCALE: 1"=20'

Note: See Sheet 52 For
Spcl. Curbing at 89+68



SEGMENT "D"

**RECORD DRAWING
AS BID**



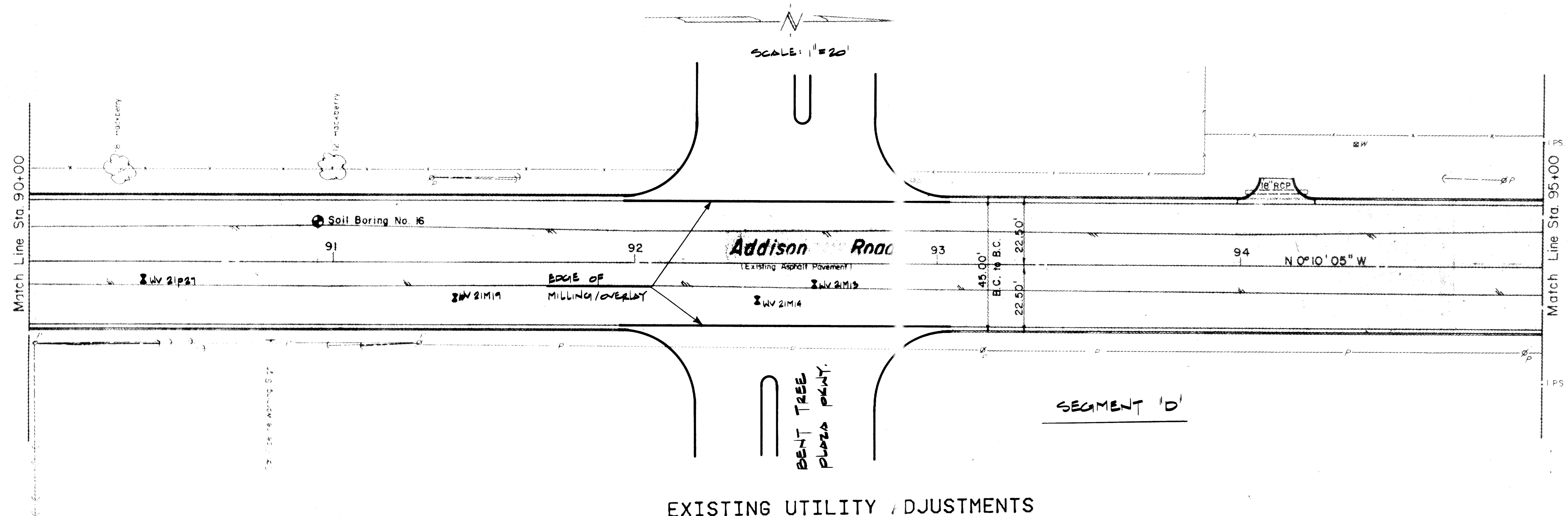
**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 85+00 TO STA 90+00**

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DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: HBR		SHEET NO. 23 OF 36

LEGEND

- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (FORM/SAN. SWR.) TO BE ADJUSTED

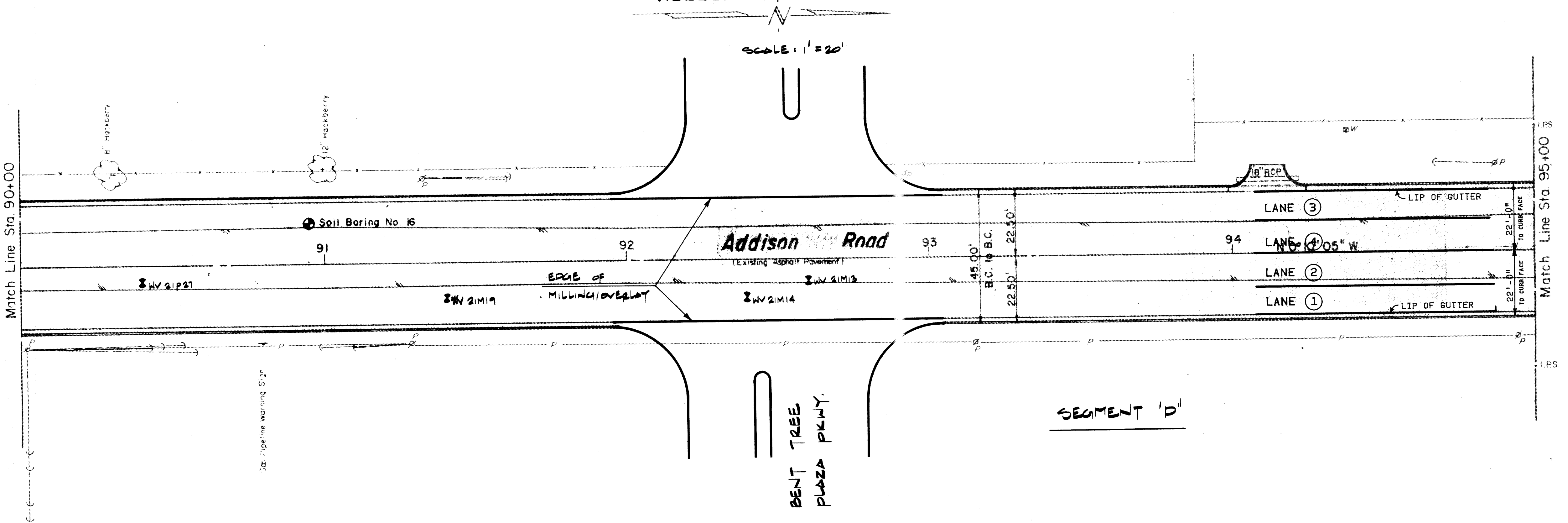


EXISTING UTILITY ADJUSTMENTS

LEGEND

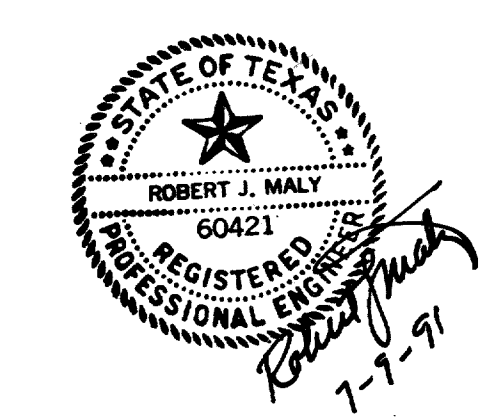
●	Spot Mark
⊗	Man and Truck
○	Iron Pin
⊕	Manometer
⊙	Gas Meter
⊚	Gas Valve
⊛	Gas Line
—P—	Power Line (typical pole symbol)
—L—	Power Line
—W—	Gas Wire and Anchor
—T—	Telephone Cable Box, or Meter
—T—	Telephone Line
—W—	Water Meter
⊕	Water Valve
—W—	Water Line
⊕	Fire Hydrant
⊕	Water Spout
⊕	Manhole
⊕	Cleanout
—D—	Drainage Inlet
—S—	Sanitary Sewer Line
—S—	Storm Sewer Line
—F—	Force Line
—F—	Flow Direction Indicator
—P—	Property or Right-of-Way Line
—C—	Concrete Line

MILLING AND OVERLAY OPERATIONS



SEGMENT 'D'

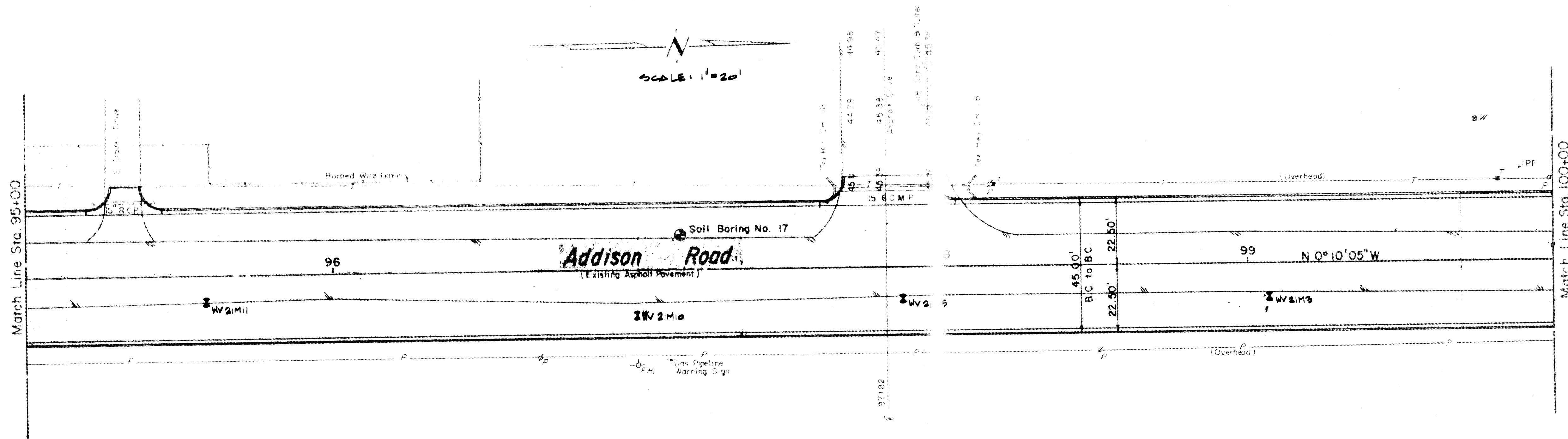
RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 90+00 TO STA 95+00

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DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO: 91009
CHECKED BY: WBR	_____	SHEET NO. 24 OF 36

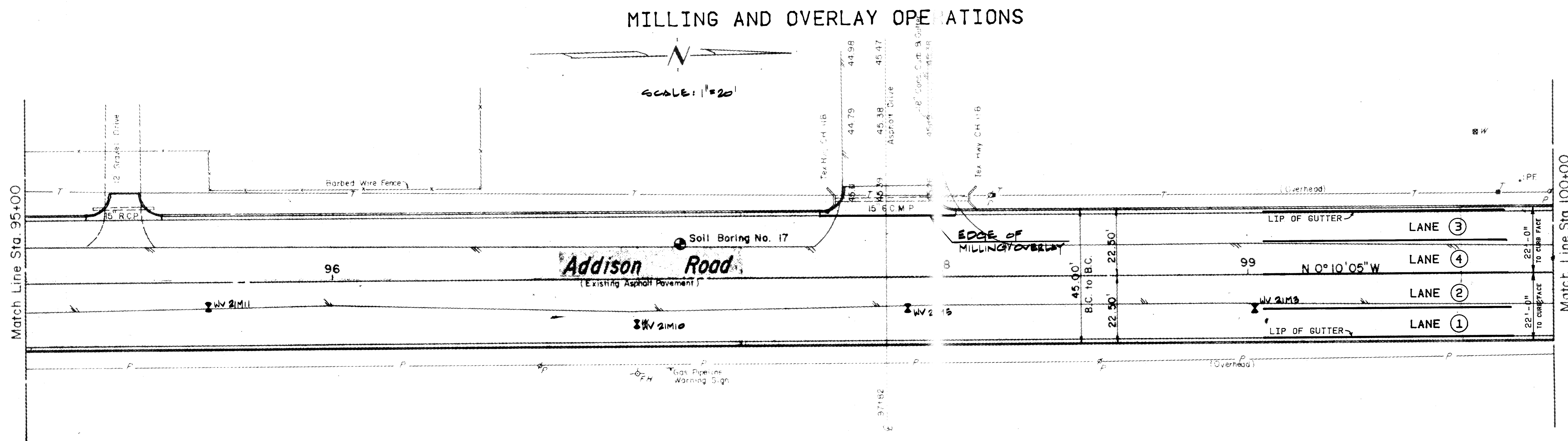


SEGMENT 'D'

EXISTING UTILITY ADJUSTMENTS

- LEGEND**
- X WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (STORM/SEWER) TO BE ADJUSTED

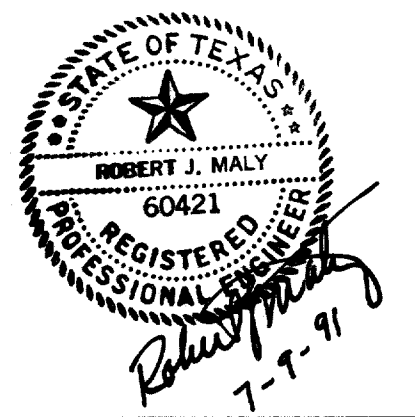
- LEGEND**
- Bench Mark
 - ⊕ High and Tech
 - ⊕ Iron Pin
 - Monument
 - Gas Meter
 - Gas Valve
 - Gas Line
 - Power Pole (typical pole symbol)
 - Power Line
 - Guy Wire and Anchor
 - Telephone Cable Box or Meter
 - Telephone Line
 - Water Meter
 - Water Valve
 - Water Line
 - Fire Hydrant
 - Water Sprinkler
 - Manhole
 - Cleanout
 - Drainage Main
 - Sanitary Sewer Line
 - Storm Sewer Line
 - Fire Line
 - Flow Direction Indicator
 - Property or Right-of-Way Line
 - Easement Line



SEGMENT 'D'

MILLING AND OVERLAY OPERATIONS

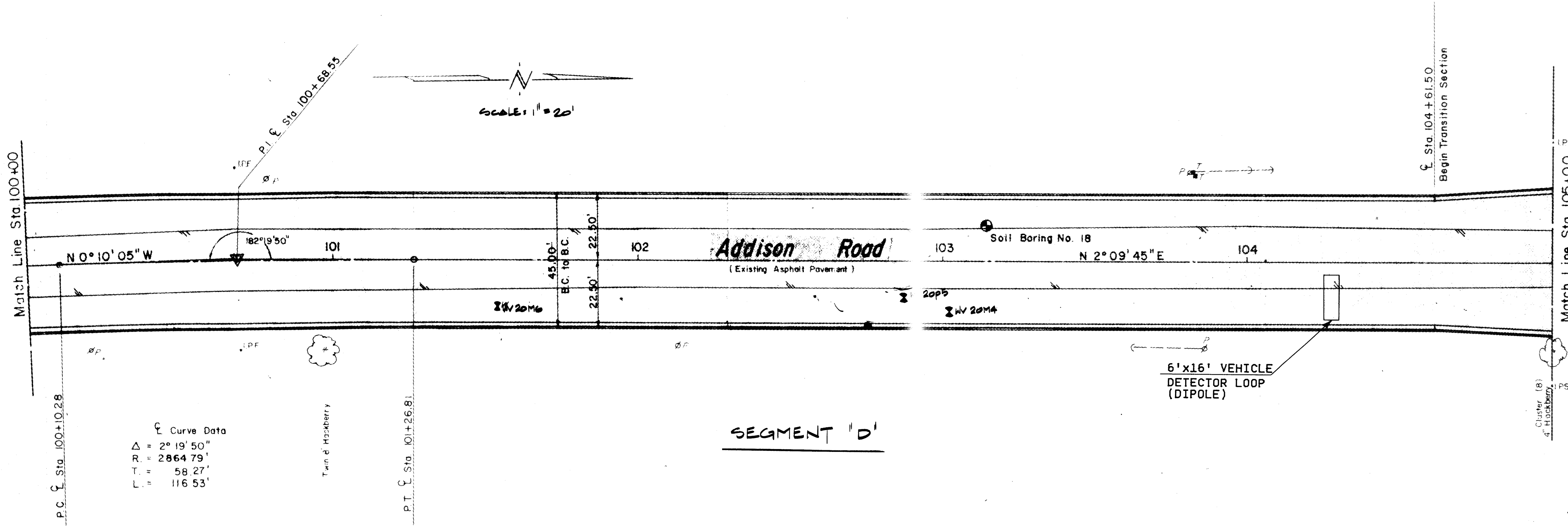
RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 95+00 TO STA 100+00

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CHECKED BY: WBR		SHEET NO. 25 OF 36



LEGEND

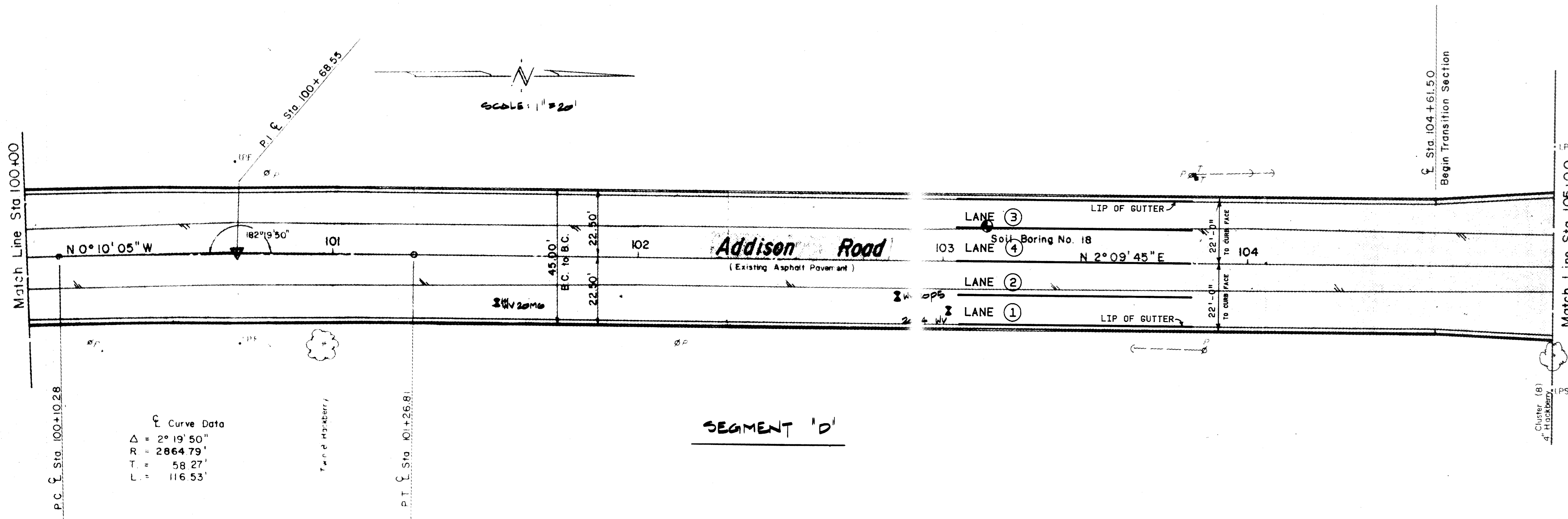
- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (CATCHMENT/SINK) TO BE ADJUSTED

LEGEND

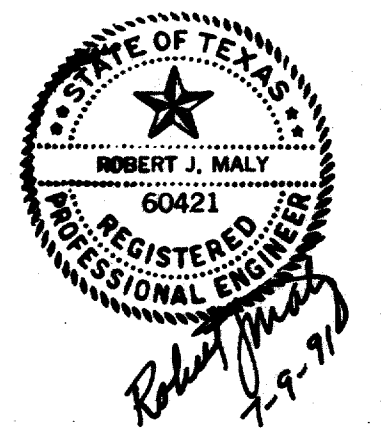
- Sewer Manhole
- Storm Manhole
- Gas Valve
- Gas Line
- Power Pole (typical pole symbol)
- Power Line
- City Wire and Cables
- Telephone Cable Box, or Meter
- Telephone Line
- Water Meter
- Water Valve
- Water Line
- Fire Hydrant
- Water Sprinkler
- Manhole
- Catchment
- Storm Inlet
- Sewer Manhole
- Storm Sewer Line
- Storm Sewer Line
- Power Line
- Fire Hydrant Indicator
- Property or Right-of-Way Line
- Easement Line

EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



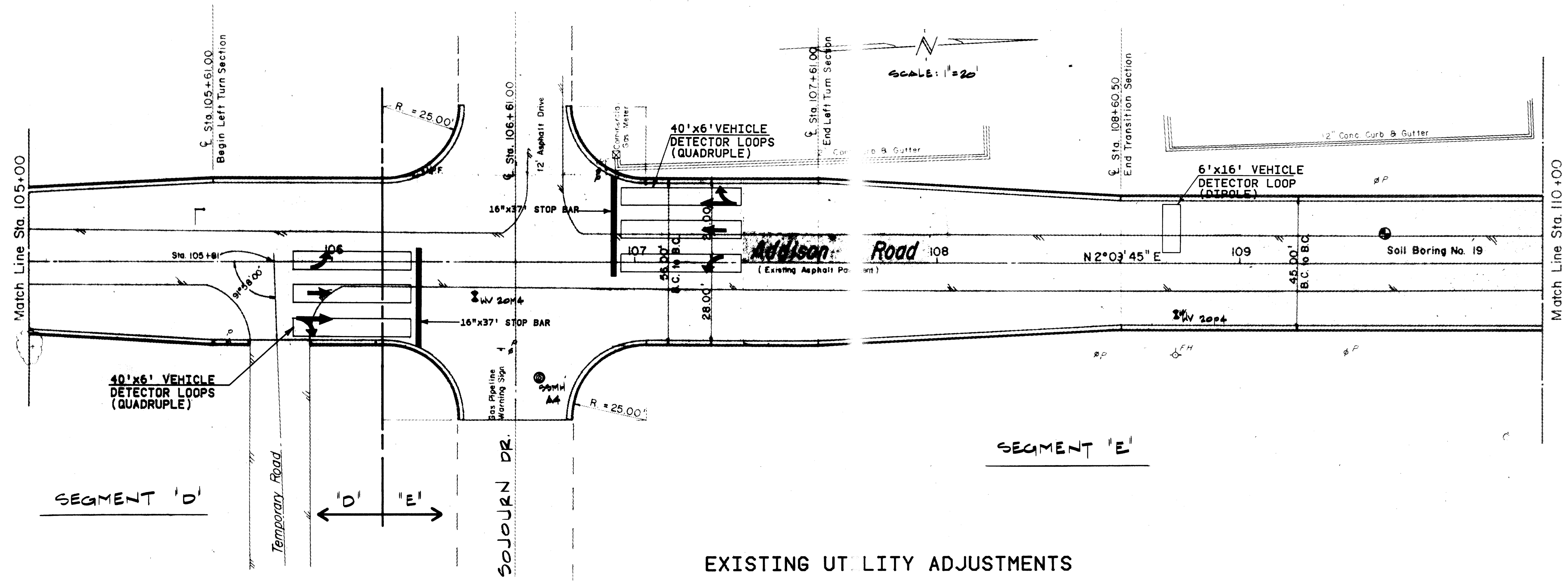
RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 100+00 TO STA 105+00

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DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 26 OF 36



LEGEND

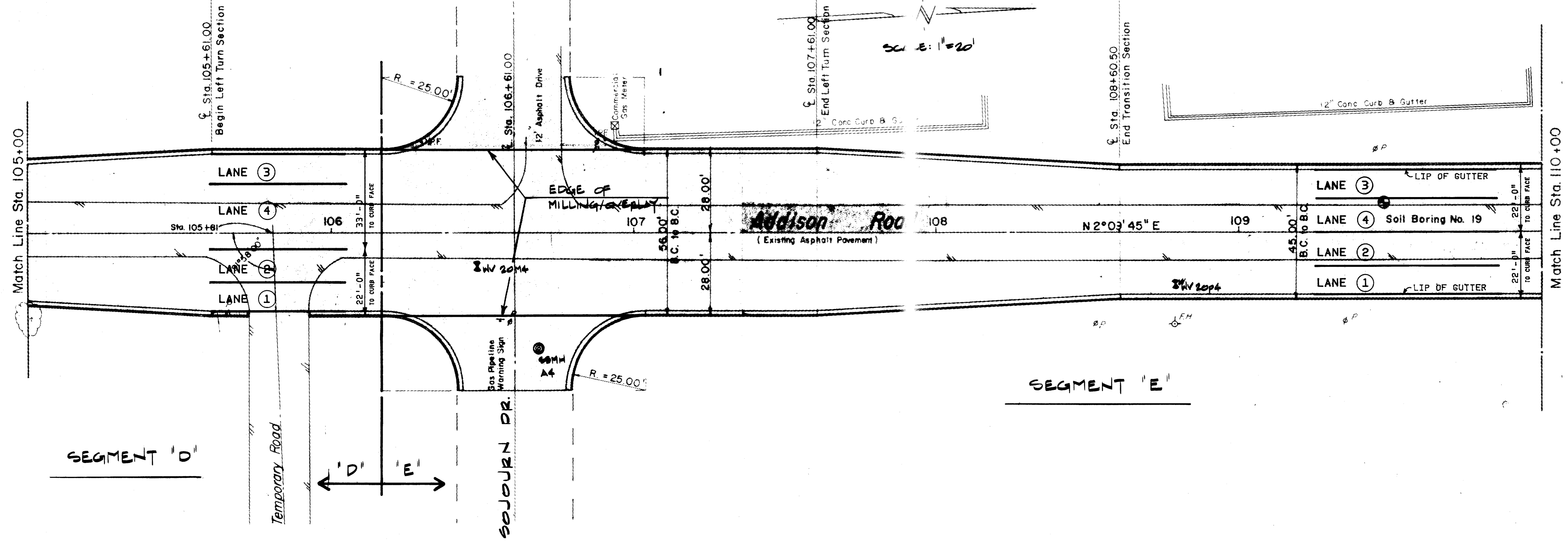
- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (CITY/STATE) TO BE ADJUSTED

LEGEND

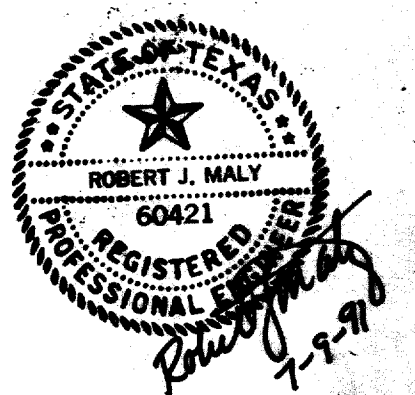
- Bench Mark
- ⊕ High and Tack
- ⊕ Iron Pin
- ⊕ Manhole
- ⊕ Gas Meter
- ⊕ Gas Valve
- ⊕ Gas Line
- ⊕ Power Pole (typical pole symbol)
- ⊕ Power Line
- ⊕ Guy Wire and Anchor
- ⊕ Telephone Cable Box or Meter
- ⊕ Telephone Line
- ⊕ Water Meter
- ⊕ Water Valve
- ⊕ Water Line
- ⊕ Fire Hydrant
- ⊕ Meter Socket
- ⊕ Manhole
- ⊕ Cleanout
- ⊕ Storm Sewer Line
- ⊕ Sanitary Sewer Line
- ⊕ Storm Sewer Line
- ⊕ Fire Direction Indicator
- ⊕ Property or Right-of-Way Line
- ⊕ Easement Line

EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



**RECORD DRAWING
AS BID**



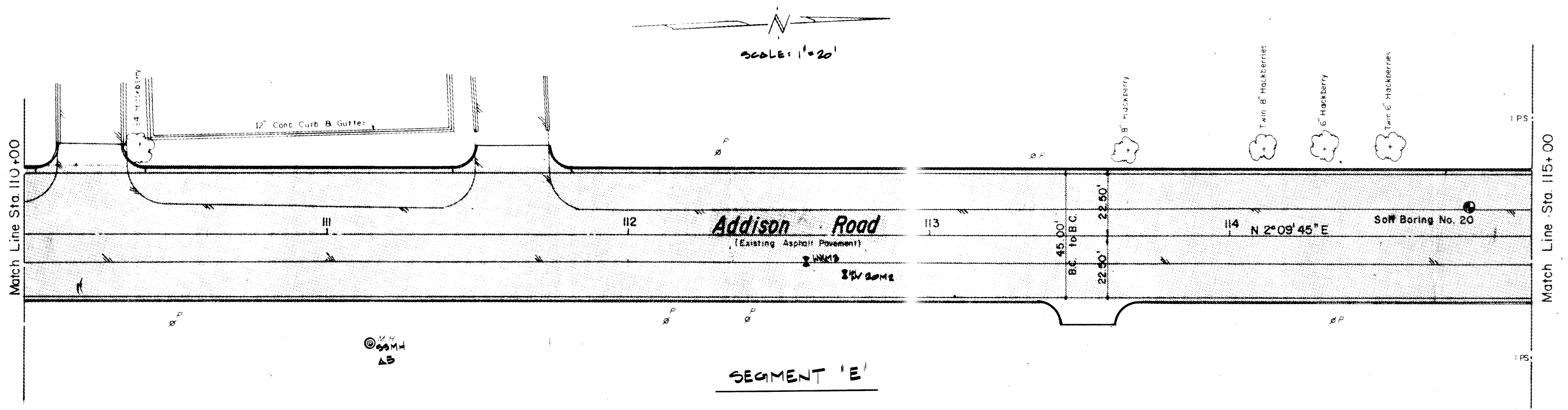
**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 105+00 TO STA 110+00**

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DESIGN BY: RJM	REVISIONS BY:	DATE: MAY, 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: HBR		SHEET NO. 27

LEGEND

- WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SEWER) TO BE ADJUSTED

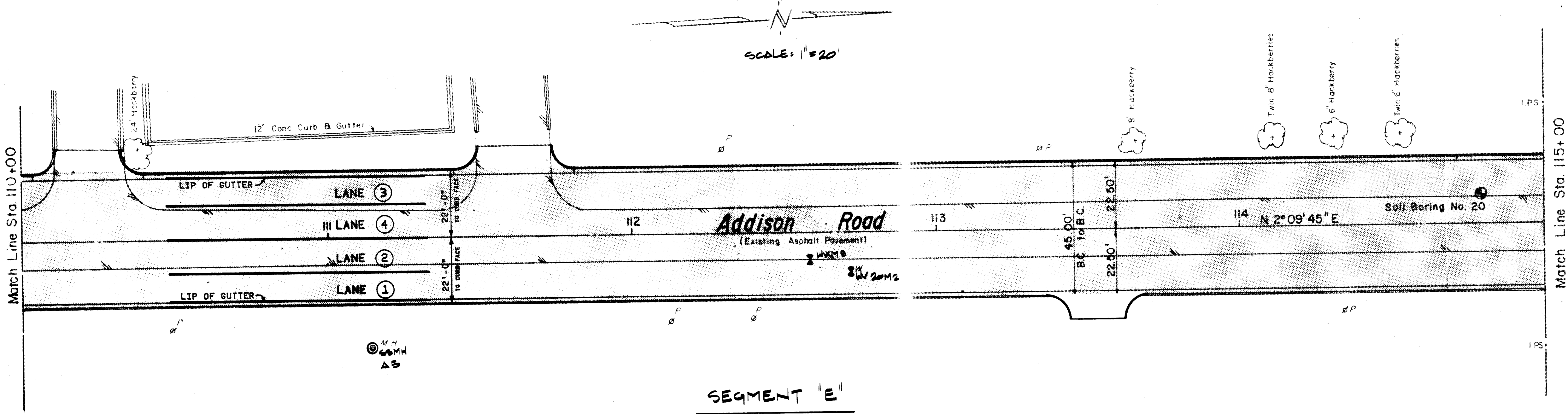


LEGEND

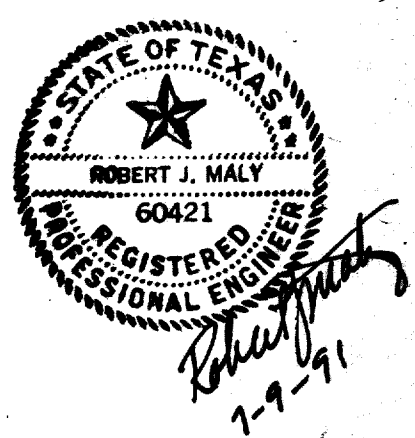
- Curb Mark
- Gas Line
- Iron Pipe
- Manhole
- Sewer Line
- Storm Sewer Line
- Water Line
- Water Valve
- Power Pole (typical pole symbol)
- Guy Wire and Anchor
- Telephone Cable Str. or Wire
- Water Meter
- Water Valve
- Fire Hydrant
- Water Spigot
- Cleanout
- Manhole
- Drainage Inlet
- Sanitary Sewer Line
- Storm Sewer Line
- Power Line
- Fire Hydrant Indicator
- Gas Line

EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



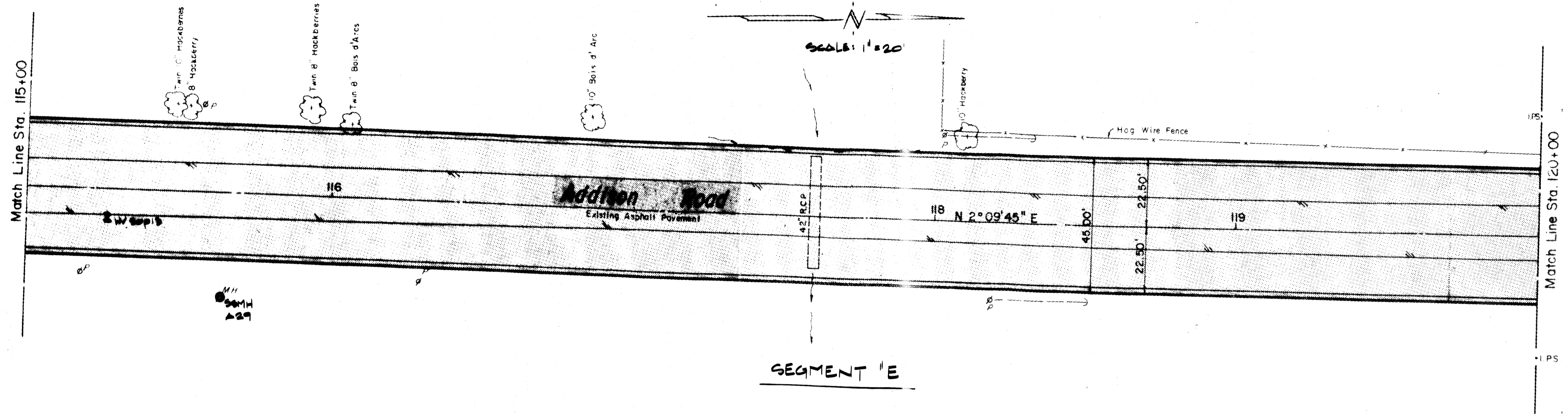
**RECORD DRAWING
AS BID**



**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 110+00 TO STA 115+00**

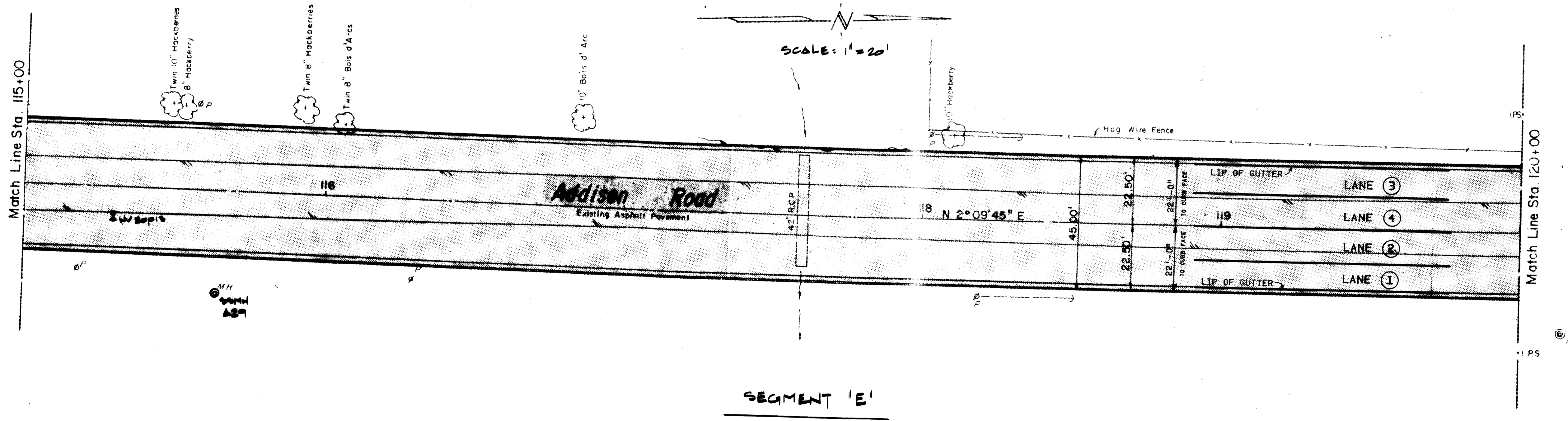
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910 Collier Street Fort Worth, Texas 76102 817/395-6511

DESIGN BY: RJM	REVISIONS DATE: BY:	DATE: MAY 1991
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EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



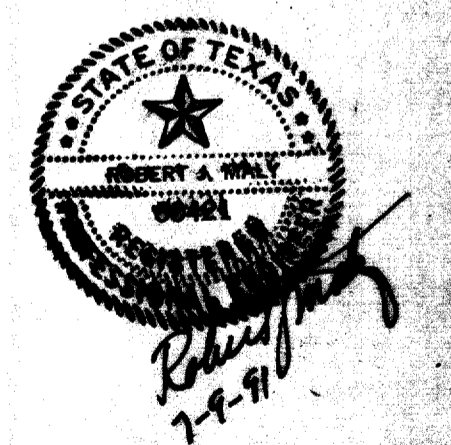
LEGEND

- X WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (GROM) TO BE ADJUSTED

LEGEND

- Street Light
- 1/2" 10' Pole
- 1/2" 12' Pole
- 1/2" 15' Pole
- 1/2" 18' Pole
- 1/2" 21' Pole
- 1/2" 24' Pole
- 1/2" 27' Pole
- 1/2" 30' Pole
- 1/2" 33' Pole
- 1/2" 36' Pole
- 1/2" 39' Pole
- 1/2" 42' Pole
- 1/2" 45' Pole
- 1/2" 48' Pole
- 1/2" 51' Pole
- 1/2" 54' Pole
- 1/2" 57' Pole
- 1/2" 60' Pole
- 1/2" 63' Pole
- 1/2" 66' Pole
- 1/2" 69' Pole
- 1/2" 72' Pole
- 1/2" 75' Pole
- 1/2" 78' Pole
- 1/2" 81' Pole
- 1/2" 84' Pole
- 1/2" 87' Pole
- 1/2" 90' Pole
- 1/2" 93' Pole
- 1/2" 96' Pole
- 1/2" 99' Pole
- 1/2" 102' Pole
- 1/2" 105' Pole
- 1/2" 108' Pole
- 1/2" 111' Pole
- 1/2" 114' Pole
- 1/2" 117' Pole
- 1/2" 120' Pole
- 1/2" 123' Pole
- 1/2" 126' Pole
- 1/2" 129' Pole
- 1/2" 132' Pole
- 1/2" 135' Pole
- 1/2" 138' Pole
- 1/2" 141' Pole
- 1/2" 144' Pole
- 1/2" 147' Pole
- 1/2" 150' Pole
- 1/2" 153' Pole
- 1/2" 156' Pole
- 1/2" 159' Pole
- 1/2" 162' Pole
- 1/2" 165' Pole
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- 1/2" 999' Pole
- 1000' Pole

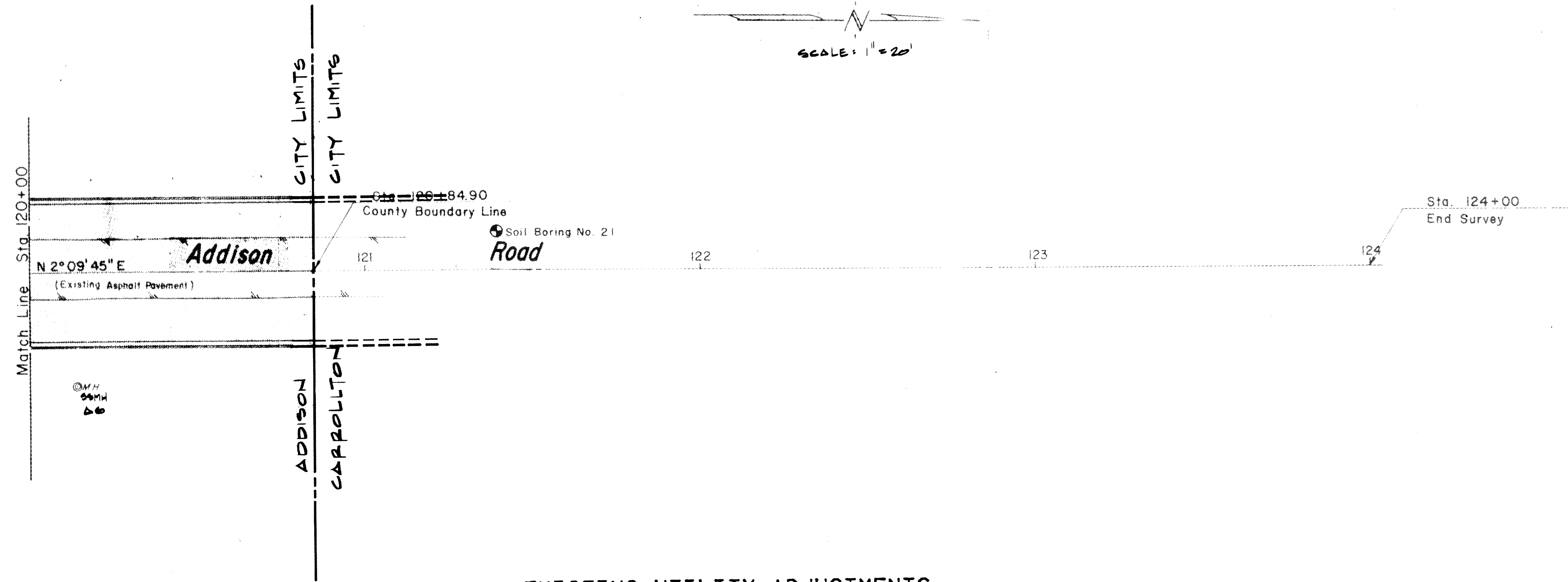
RECORD DRAWING
AS BID



CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 115+00 TO STA 120+00

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street, Fort Worth, Texas 76102 817-995-6511

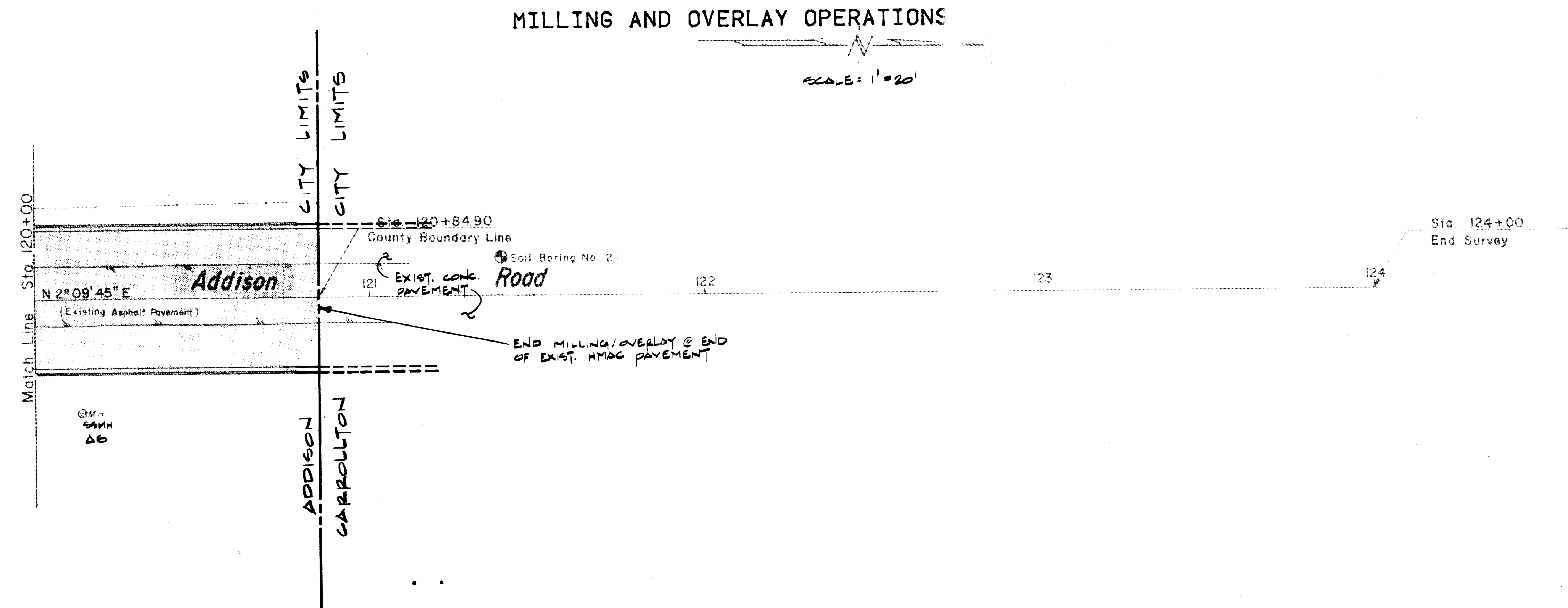
DESIGN BY: RJM	DATE: _____	REVISIONS BY: _____	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____	CHECKED BY: WBR	JOB NO: 91009
			SHEET NO. 29 OF 29



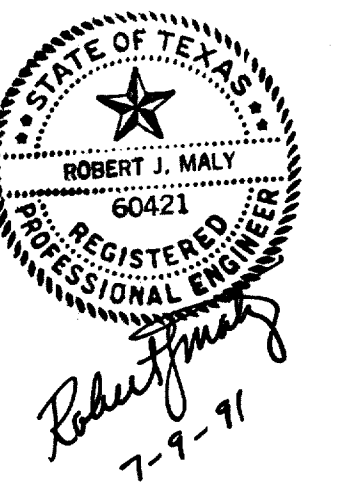
- LEGEND**
- ⊗ WATER VALVE TO BE ADJUSTED
 - CLEANOUT TO BE ADJUSTED
 - MANHOLE (STORM/SEWER) TO BE ADJUSTED

- LEGEND**
- Bench Mark
 - ⊕ High and Tack
 - ⊕ Pin
 - ⊕ Monument
 - ⊕ Gas Meter
 - ⊕ Gas Valve
 - ⊕ Gas Line
 - ⊕ Power Pole (typical pole symbol)
 - ⊕ Power Line
 - ⊕ Guy Wire and Anchor
 - ⊕ Telephone Cable Box, or Manhole
 - ⊕ Telephone Line
 - ⊕ Water Meter
 - ⊕ Water Valve
 - ⊕ Water Line
 - ⊕ Fire Hydrant
 - ⊕ Storm Siphon
 - ⊕ Manhole
 - ⊕ Cleanout
 - ⊕ Drainage Inlet
 - ⊕ Sanitary Sewer Line
 - ⊕ Storm Sewer Line
 - ⊕ Storm Line
 - ⊕ Flow Direction Indicator
 - ⊕ Property or Right-of-Way Line
 - ⊕ Easement Line

EXISTING UTILITY ADJUSTMENTS



**RECORD DRAWING
AS BID**



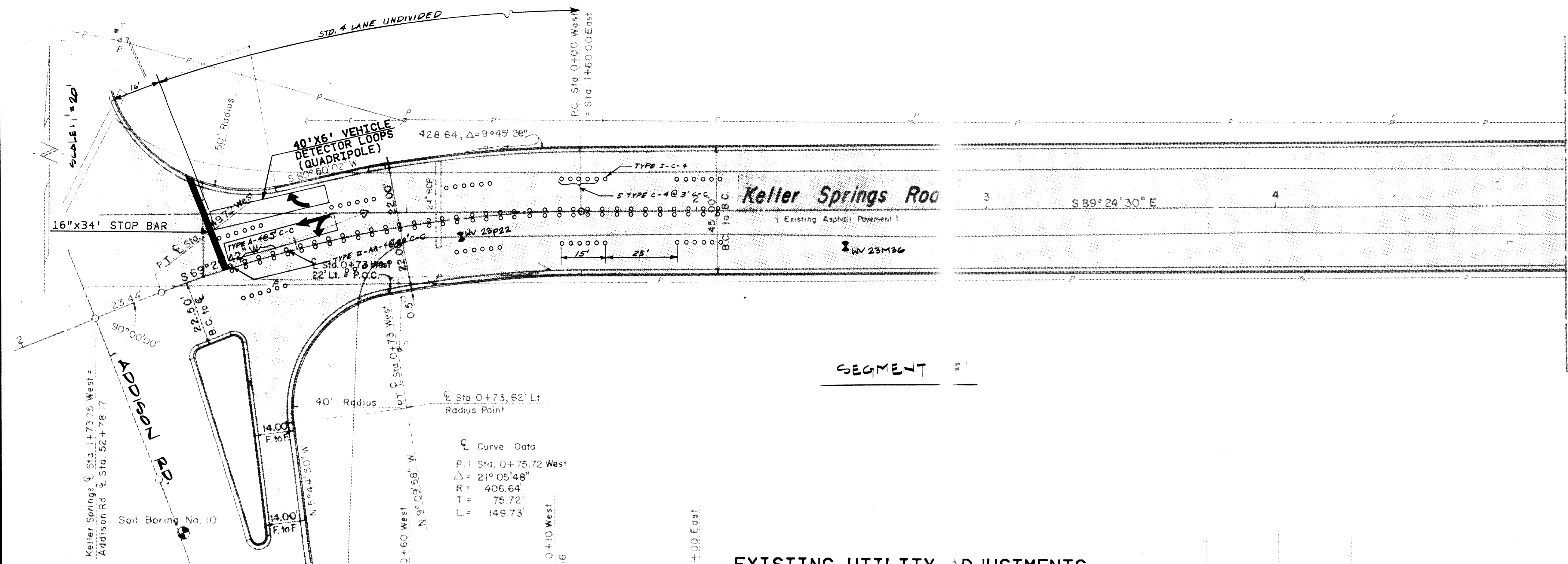
**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
ADDISON ROAD
STA 120+00 TO STA 121+00**

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817/395-6511

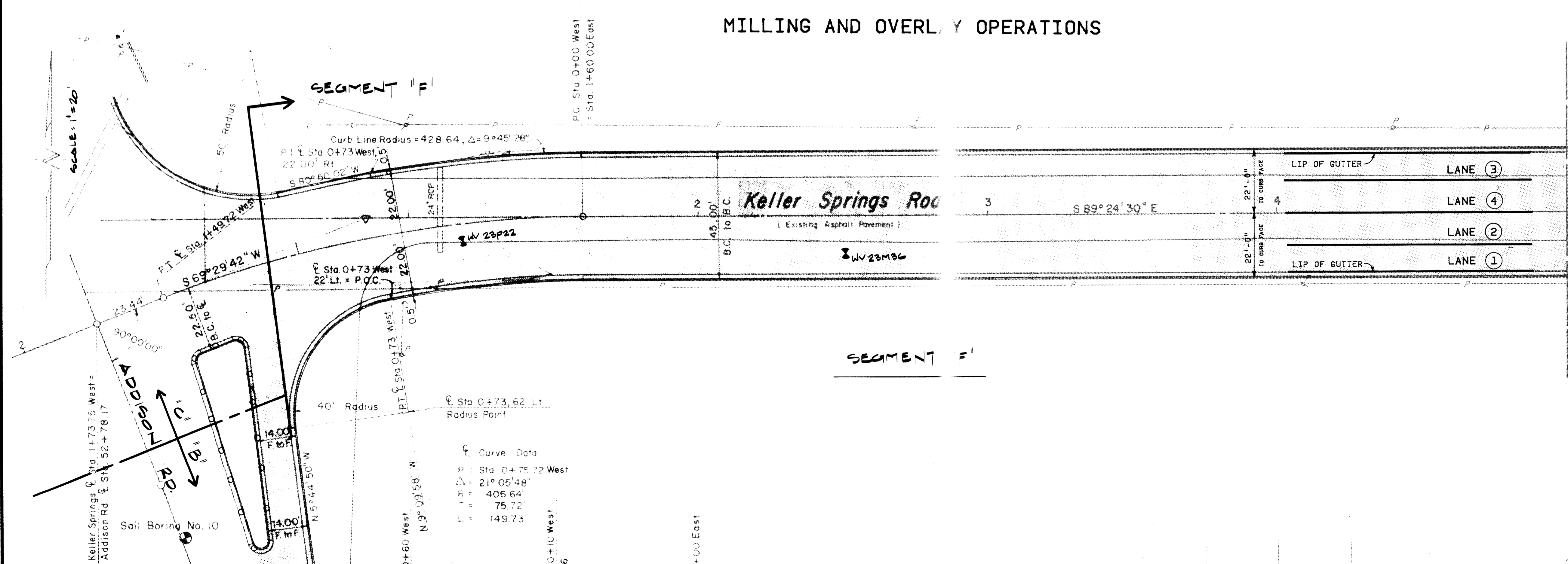
DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO: 91009
CHECKED BY: WBR	DATE: _____ BY: _____	SHEET NO. 30 OF 36

LEGEND

- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SDM/SWR.) TO BE ADJUSTED



EXISTING UTILITY ADJUSTMENTS



MILLING AND OVERLAY OPERATIONS

RECORD DRAWING
AS BID




Robert [Signature]
7-9-91

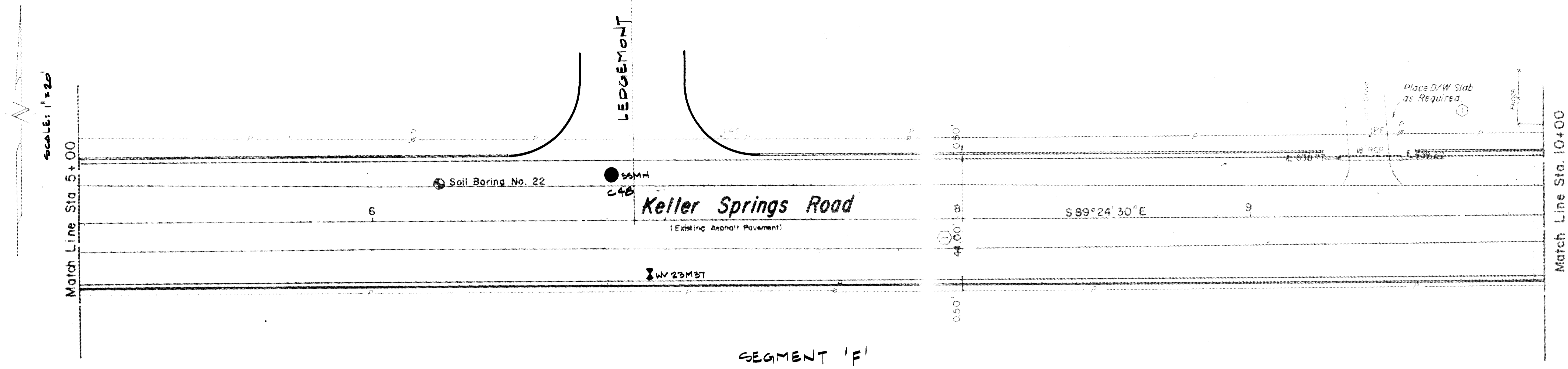
CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
KELLER SPRINGS ROAD
STA 2+00W TO STA 5+00E

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street, Fort Worth, Texas 76102 817/335-6511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO: 91009
CHECKED BY: WBR	_____	SHEET NO. 31 OF 36

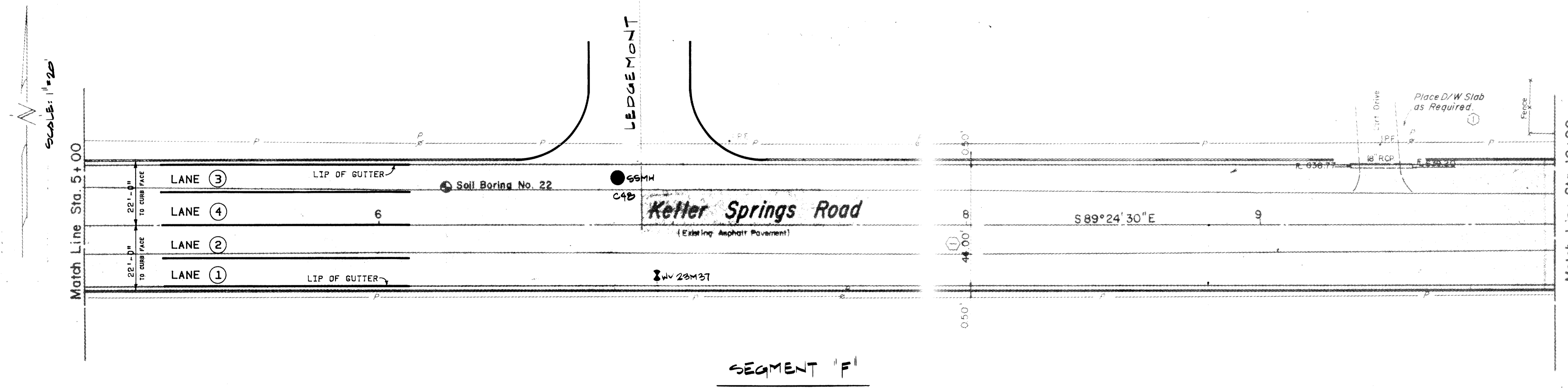
LEGEND

-  WATER VALVE TO BE ADJUSTED
-  CLEANOUT TO BE ADJUSTED
-  MANHOLE (STORM/SDN.SWR.) TO BE ADJUSTED



EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



RECORD DRAWING
AS BID



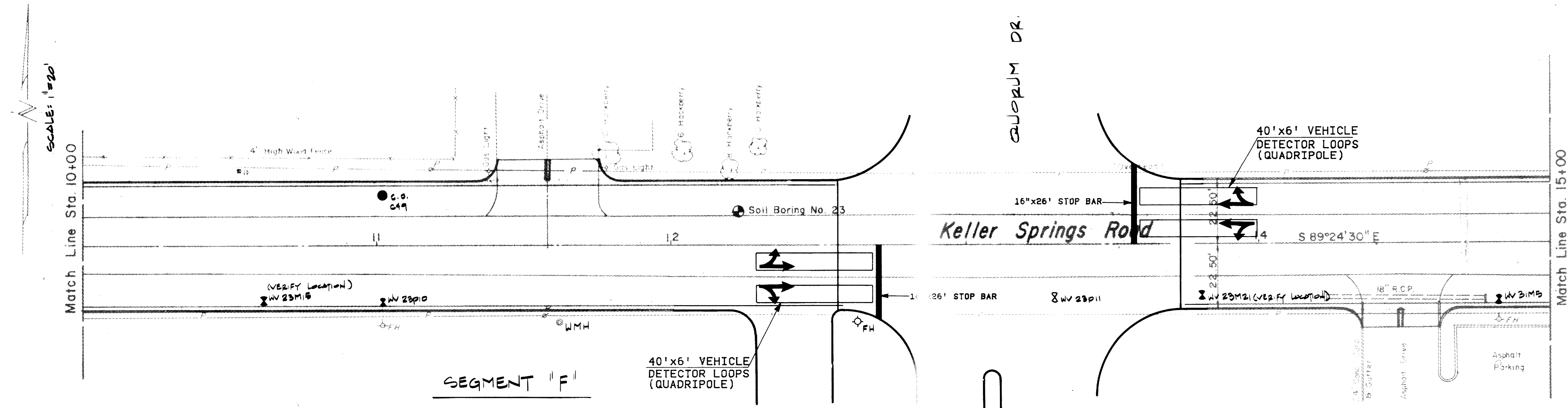
CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
KELLER SPRINGS ROAD
STA 5+00 TO STA 10+00

 **Rady & Associates, Inc.**
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817.395.6511

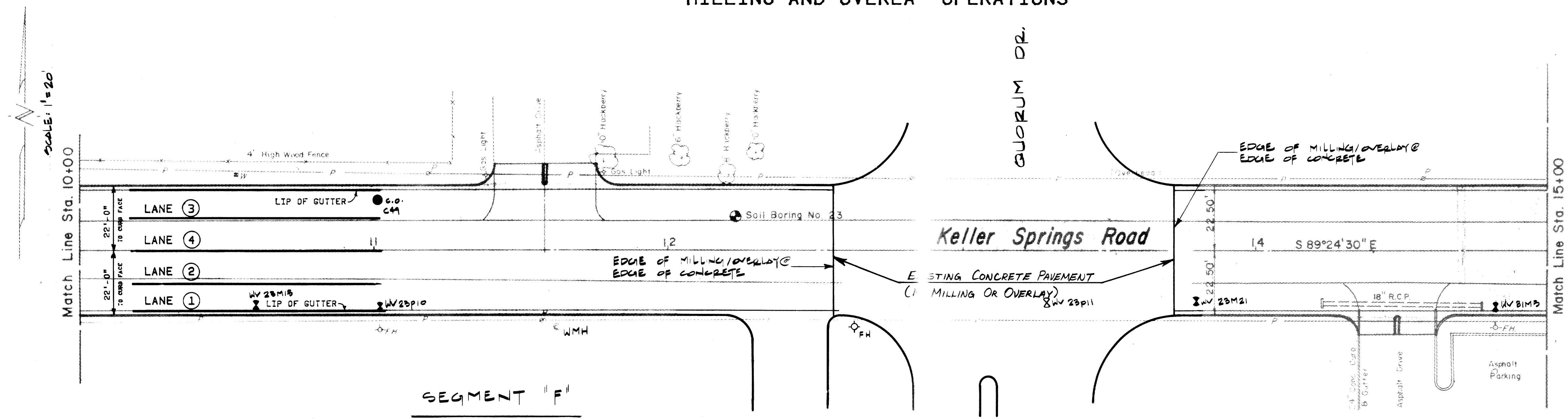
DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO. 91009
CHECKED BY: WBR		SHEET NO. 32 OF 36

LEGEND

- ⌵ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (FORM/SDN. SWR.) TO BE ADJUSTED

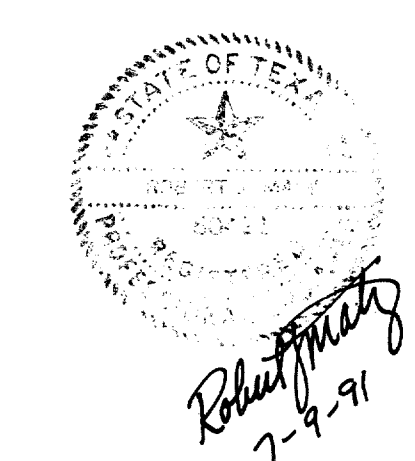


EXISTING UTILITY ADJUSTMENTS



MILLING AND OVERLAY OPERATIONS

RECORD DRAWING
AS BID



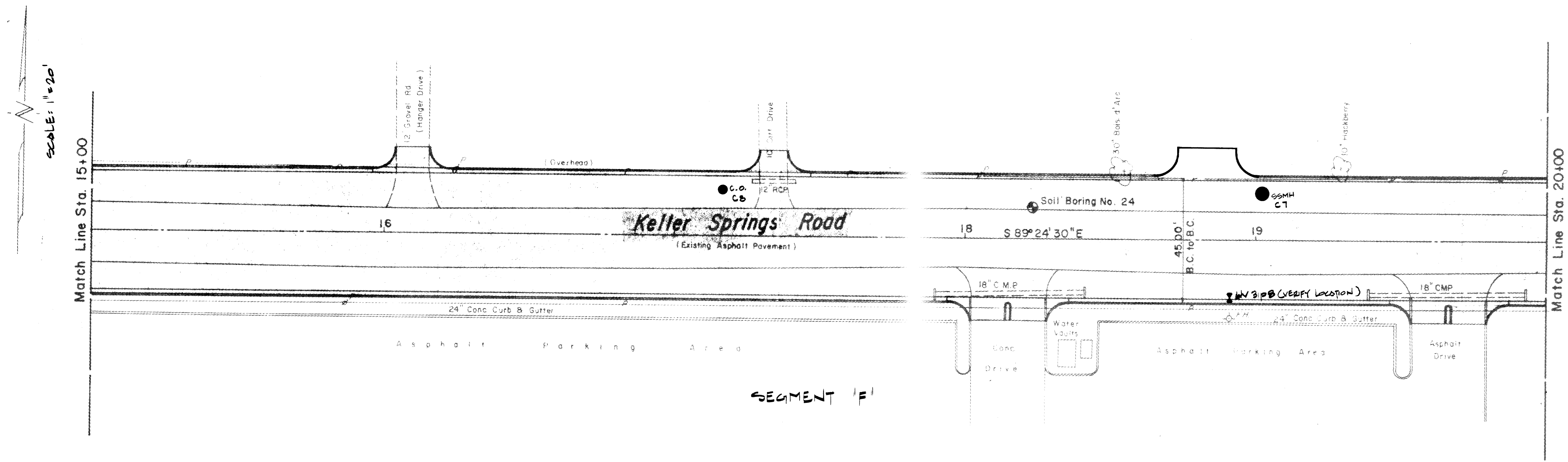
CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
KELLER SPRINGS ROAD
STA 10+00 TO STA 15+00

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817-335-6511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: HBR		SHEET NO. 33 OF 36

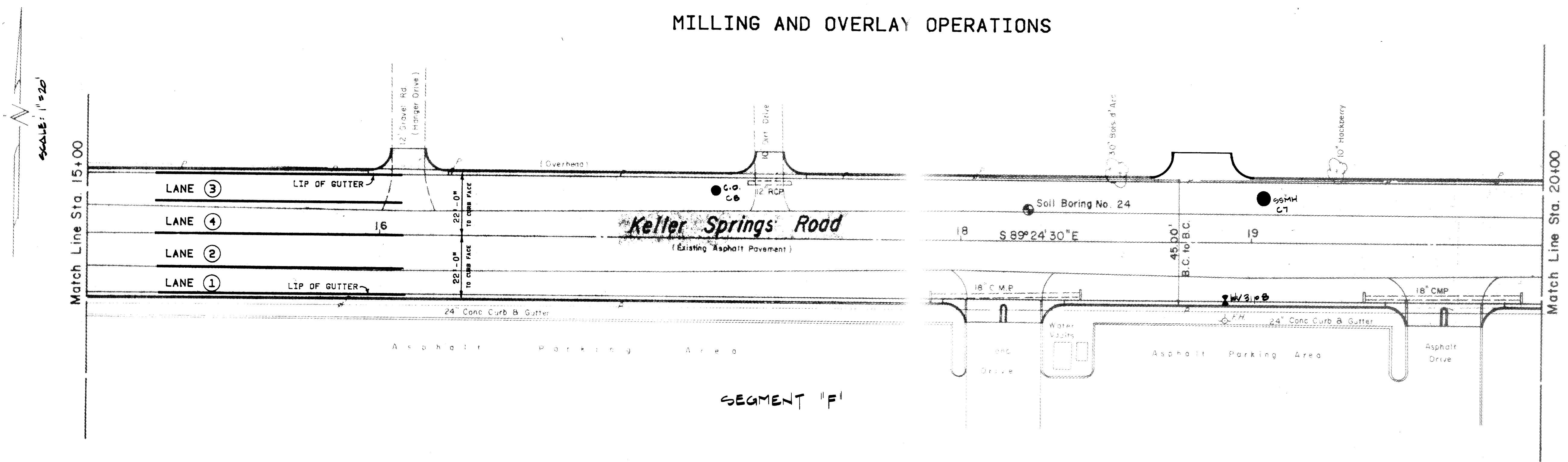
LEGEND

- ⌵ WATER VALVE TO BE ADJUSTED
- CLEANOUT TO BE ADJUSTED
- MANHOLE (STORM/SDA/SWA.) TO BE ADJUSTED

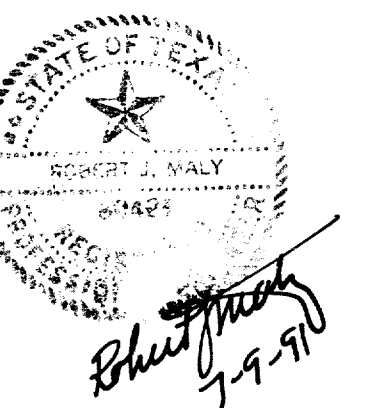


EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS



RECORD DRAWING
AS BID






CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
KELLER SPRINGS ROAD
STA 15+00 TO STA 20+00

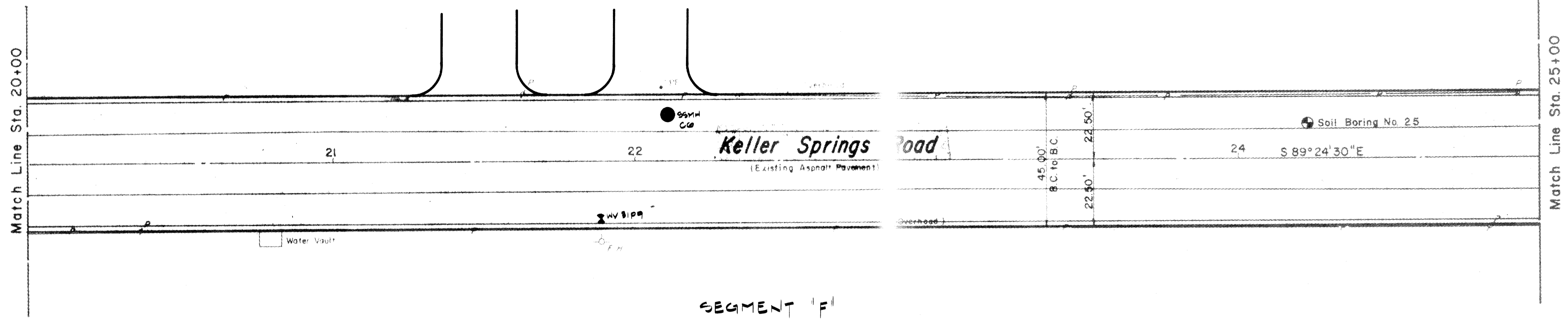
Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street, Fort Worth, Texas 76102 817-335-0511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO: 91009
CHECKED BY: WBR	_____	SHEET NO 34 OF 36

LEGEND

-  WATER VALVE TO BE ADJUSTED
-  CLEANOUT TO BE ADJUSTED
-  MANHOLE (STORM/SEWER) TO BE ADJUSTED

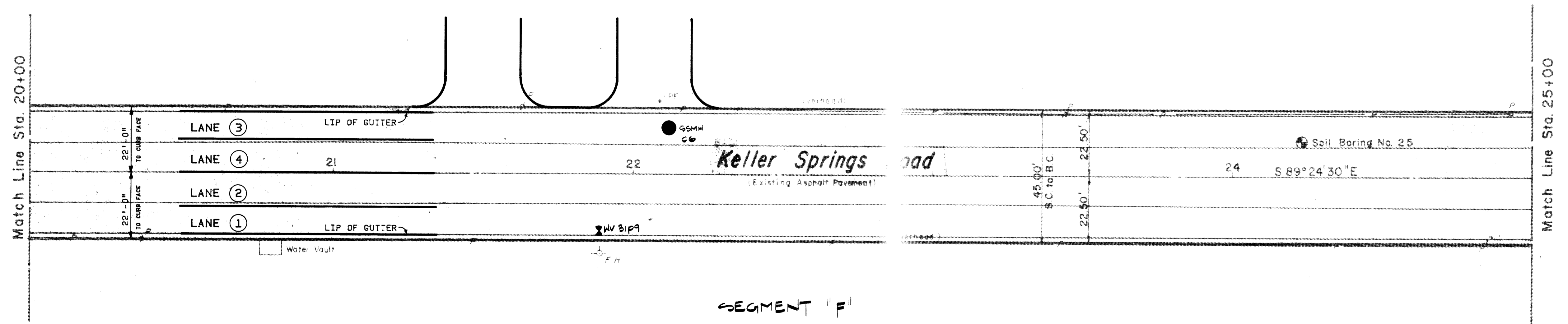
SCALE: 1"=20'



EXISTING UTILITY ADJUSTMENTS

MILLING AND OVERLAY OPERATIONS

SCALE: 1"=20'



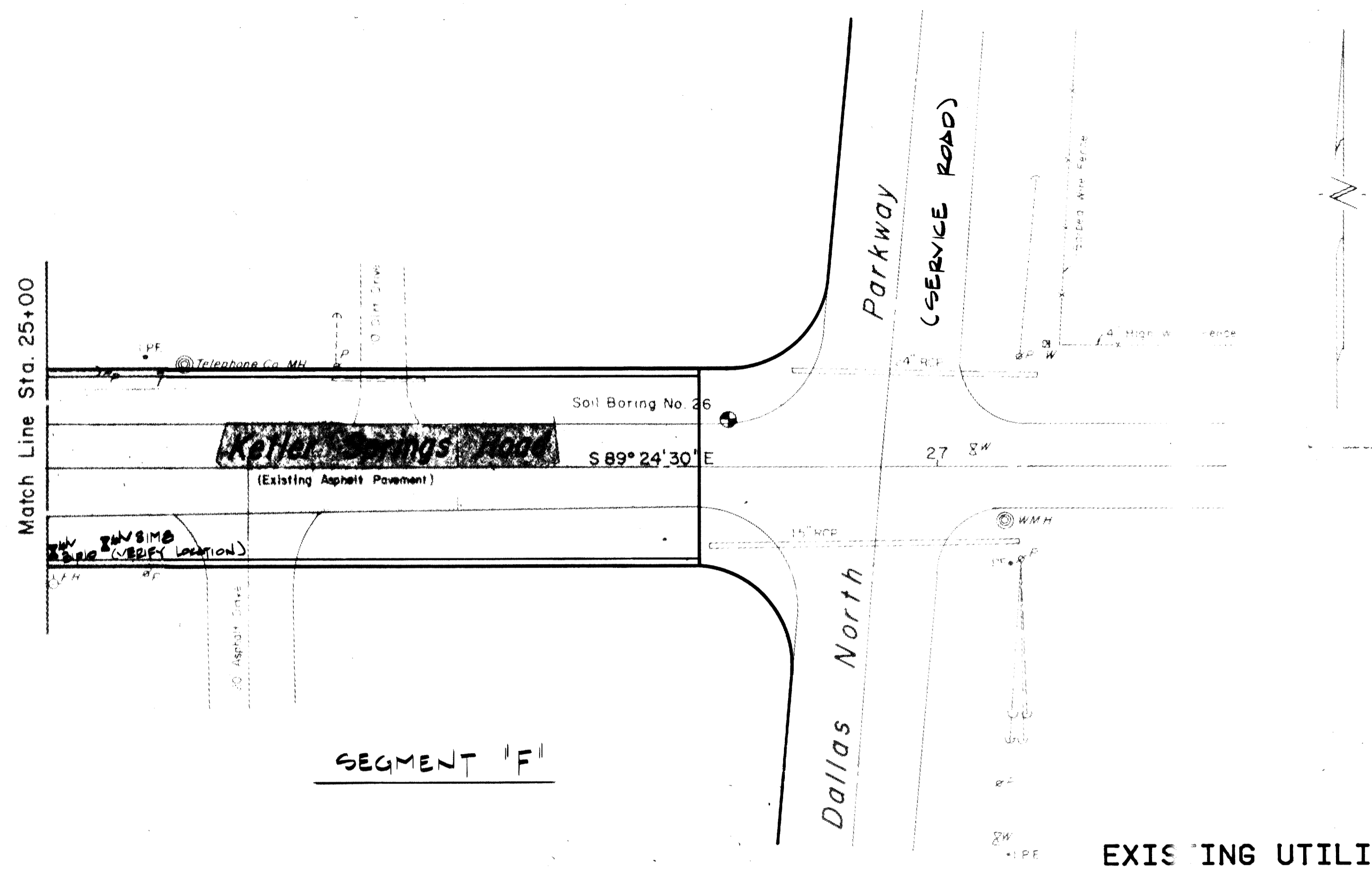
RECORD DRAWING
AS BID

Robert [Signature]
4.9.91

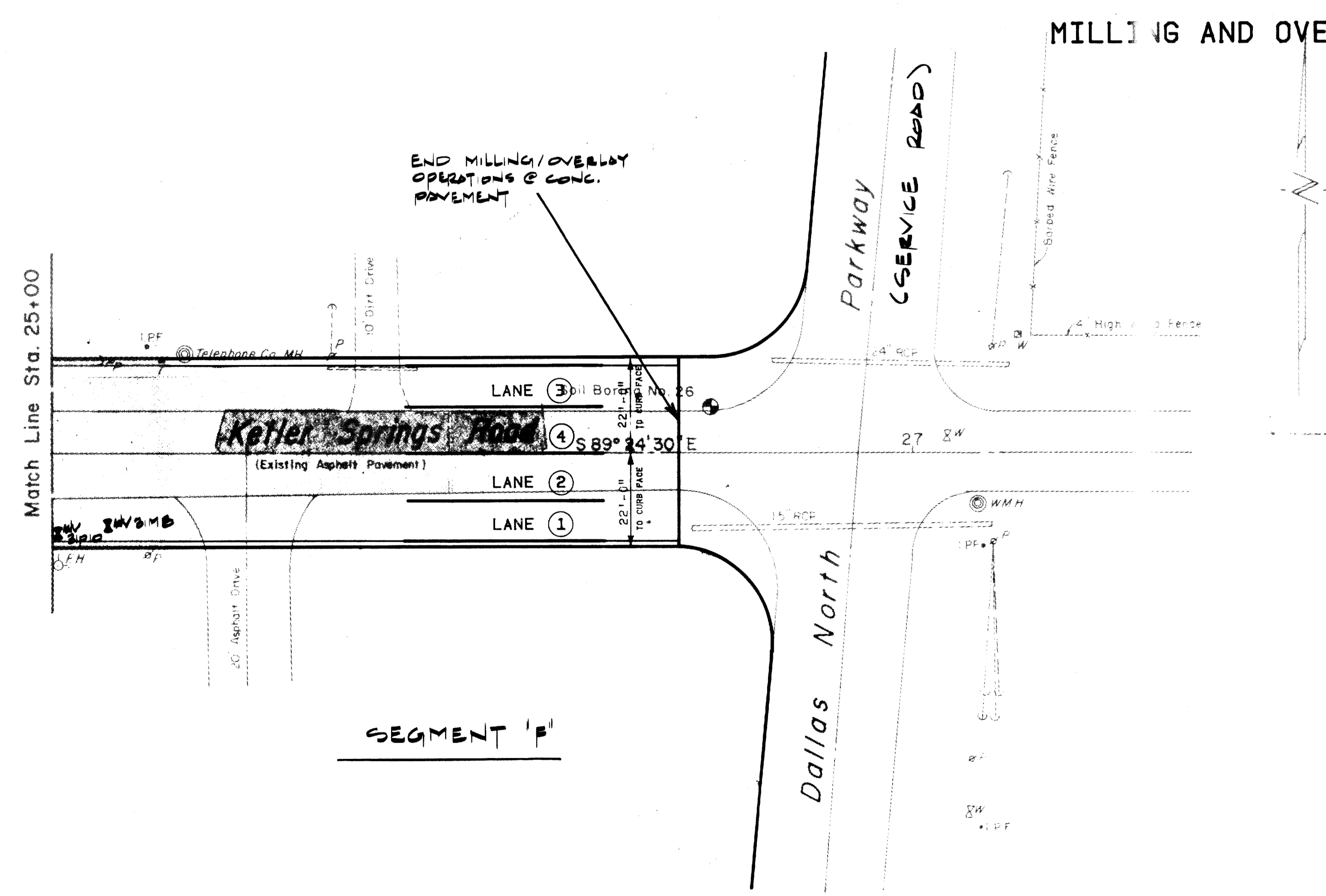
CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
KELLER SPRINGS ROAD
STA 20+00 TO STA 25+00

 **Rady & Associates, Inc.**
Engineers • Architects • Planners
910 Collier Street, Fort Worth, Texas 76102 817-335-6511

DESIGN BY: RJM	REVISIONS	DATE: MAY 1991
DRAWN BY: RAJ	DATE: _____ BY: _____	JOB NO 91009
CHECKED BY: WBR	DATE: _____ BY: _____	SHEET NO 35 OF 36



EXISTING UTILITY ADJUSTMENTS



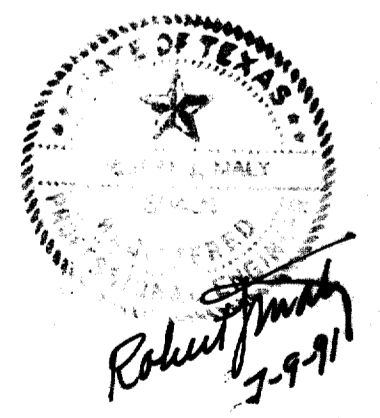
MILLING AND OVERLAY OPERATIONS

LEGEND

- ⊗ WATER VALVE TO BE ADJUSTED
- CLEANNOUT TO BE ADJUSTED
- MANHOLE (STORM/SDA/SWR.) TO BE ADJUSTED

APPROVED BY: [Signature]

**RECORD DRAWING
AS BID**



**CITY OF ADDISON, TEXAS
ADDISON ROAD OVERLAY
KELLER SPRINGS ROAD
STA 25+00 TO STA 27+00**

Rady & Associates, Inc.
Engineers • Architects • Planners
910 Collier Street Fort Worth, Texas 76102 817/395-0511

DESIGN BY: RJM	REVISIONS BY:	DATE: MAY 1991
DRAWN BY: RAJ	DATE:	JOB NO: 91009
CHECKED BY: WBR		SHEET NO. 36 OF 36