

T O W N O F
ADDISON

MIDWAY ROAD PAVEMENT
REPLACEMENT PROJECT
MIDWAY ROAD FROM SPRING VALLEY TO KELLER SPRINGS

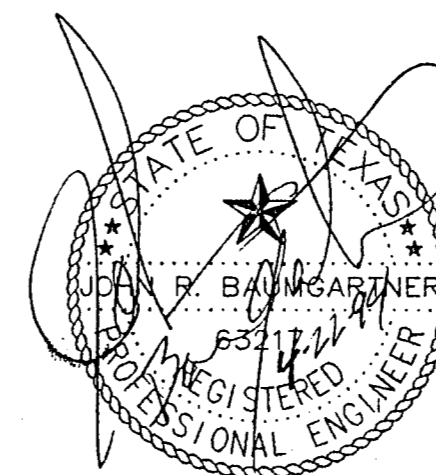
PREPARED FOR:

TOWN OF ADDISON
PUBLIC WORKS DEPARTMENT

PREPARED BY:

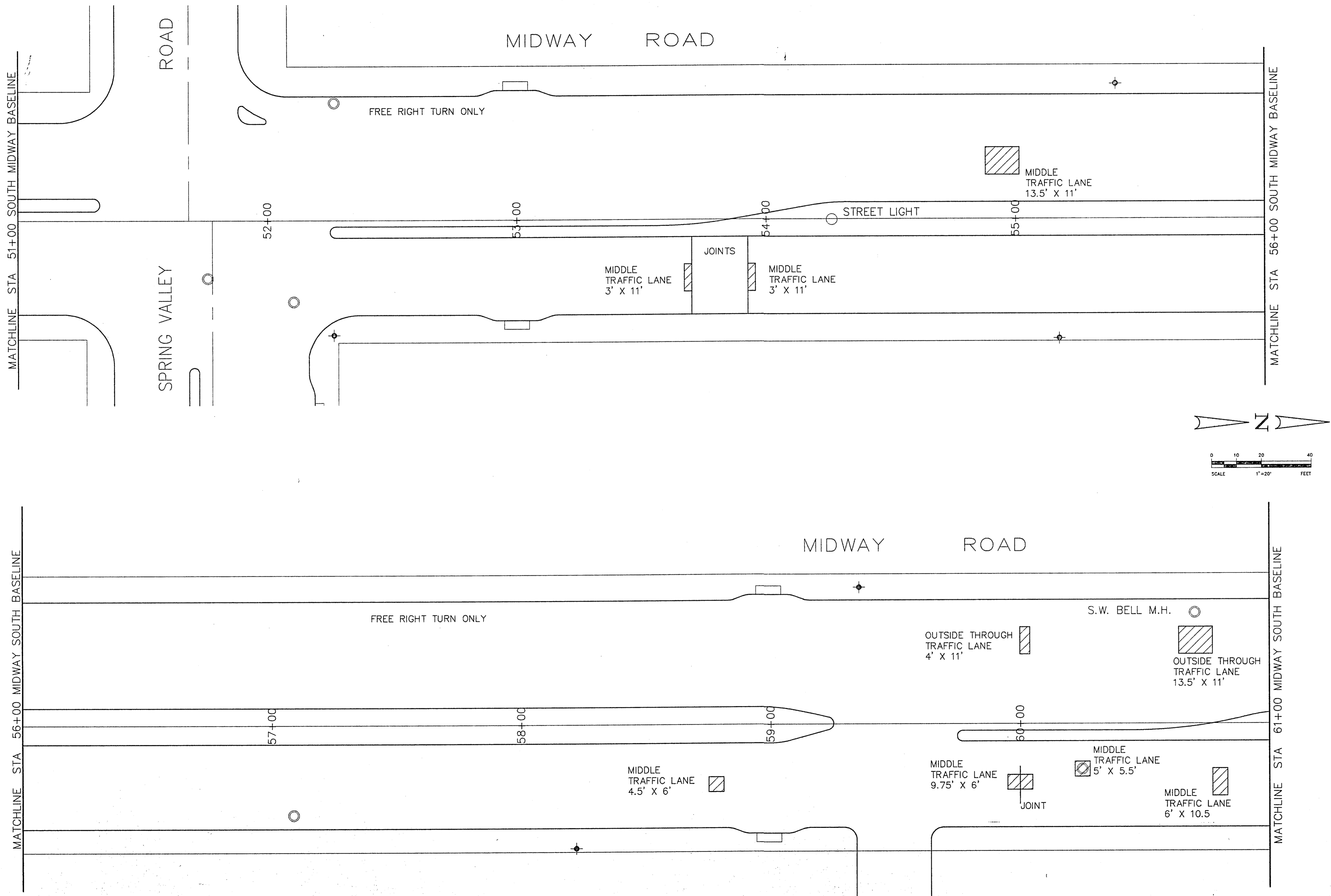
SCOTT CONSULTING
6220 BENTWOOD TRAIL SUITE 403
DALLAS, TEXAS 75252

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
JOHN R. BAUMGARTNER, P.E. 63217, ON
4/14/94



PUBLIC WORKS DEPARTMENT
P.O. BOX 144
16801 WESTGROVE DRIVE
ADDISON, TEXAS 75001

(214) 450-2840
FAX (214) 931-6643



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TOWN OF ADDISON

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MIDWAY ROAD PAVEMENT

 REPLACEMENT PROJECT

 PHASE I MIDWAY ROAD SOUTH

Scale : 1"=20' Date : 3/94

 Designed By : T of ADDISON

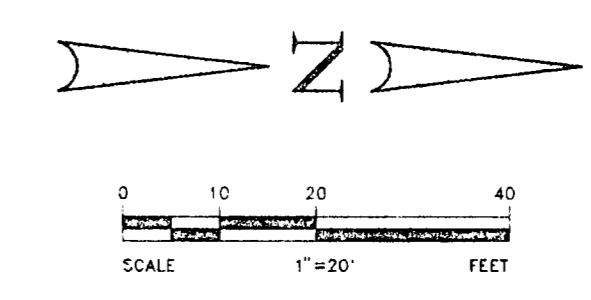
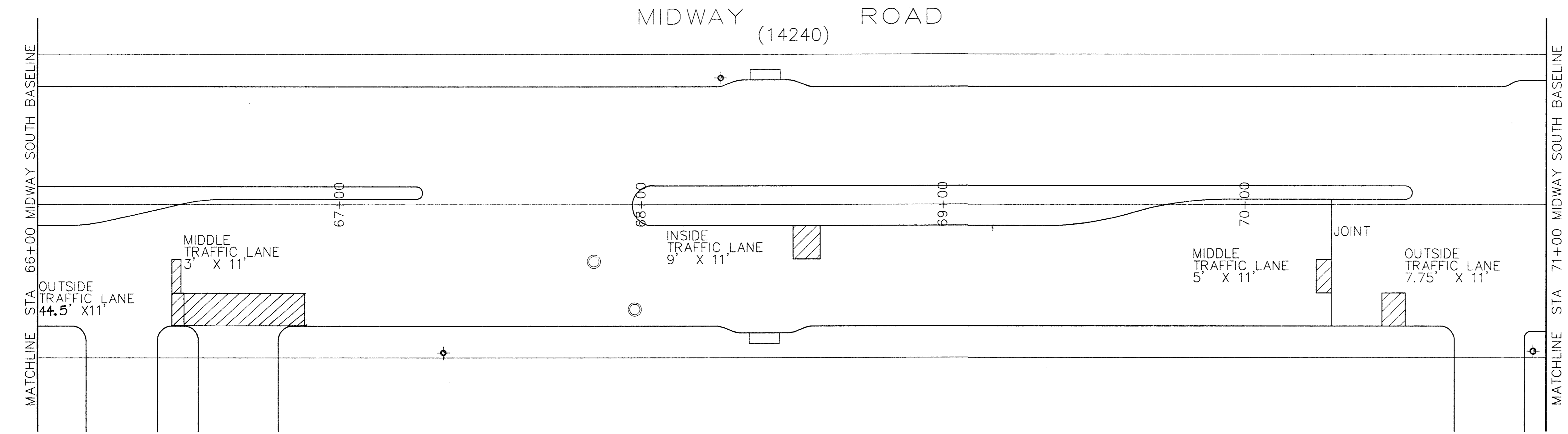
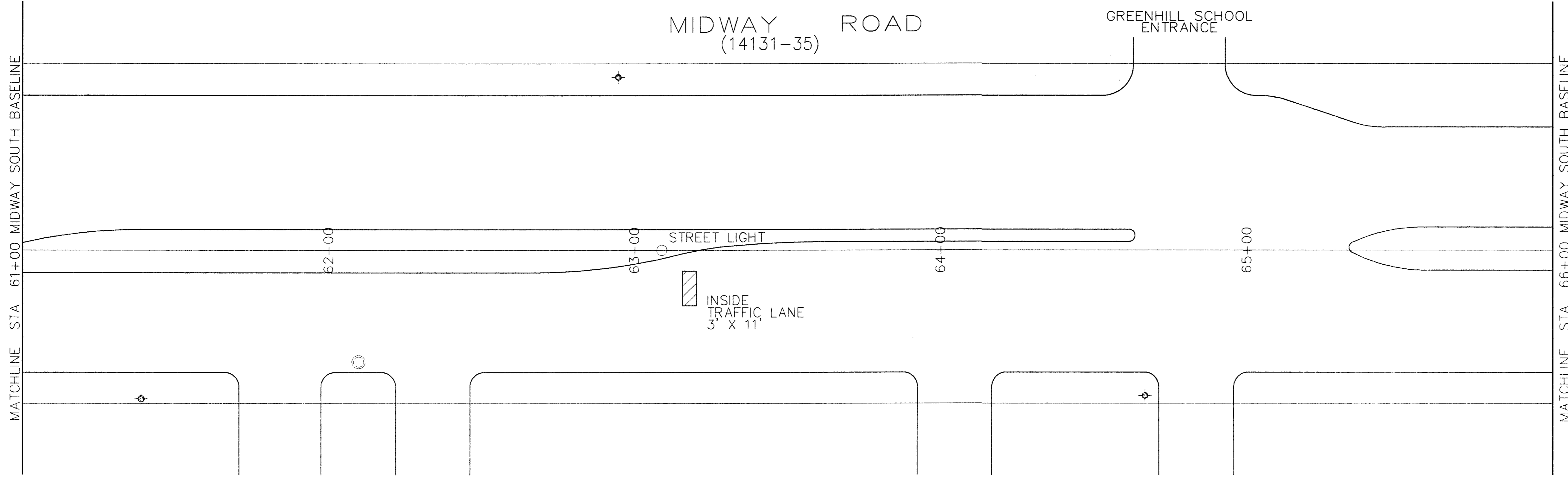
 Drawn By : SCOTT

 Checked By : T of ADDISON

 File : MID_1-12.DWG

 Project No. : MIDWAY ROAD

1



MIDWAY ROAD PAVEMENT REPLACEMENT PROJECT
PHASE I MIDWAY ROAD SOUTH

Scale : 1"=20'	Date : 3/94	Designed By : T of ADDISON	Drawn By : T of ADDISON	Checked By : T of ADDISON
File : MID-2-12.DWG		Project No. : MIDWAY ROAD		

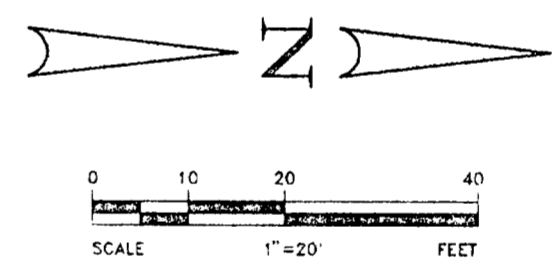
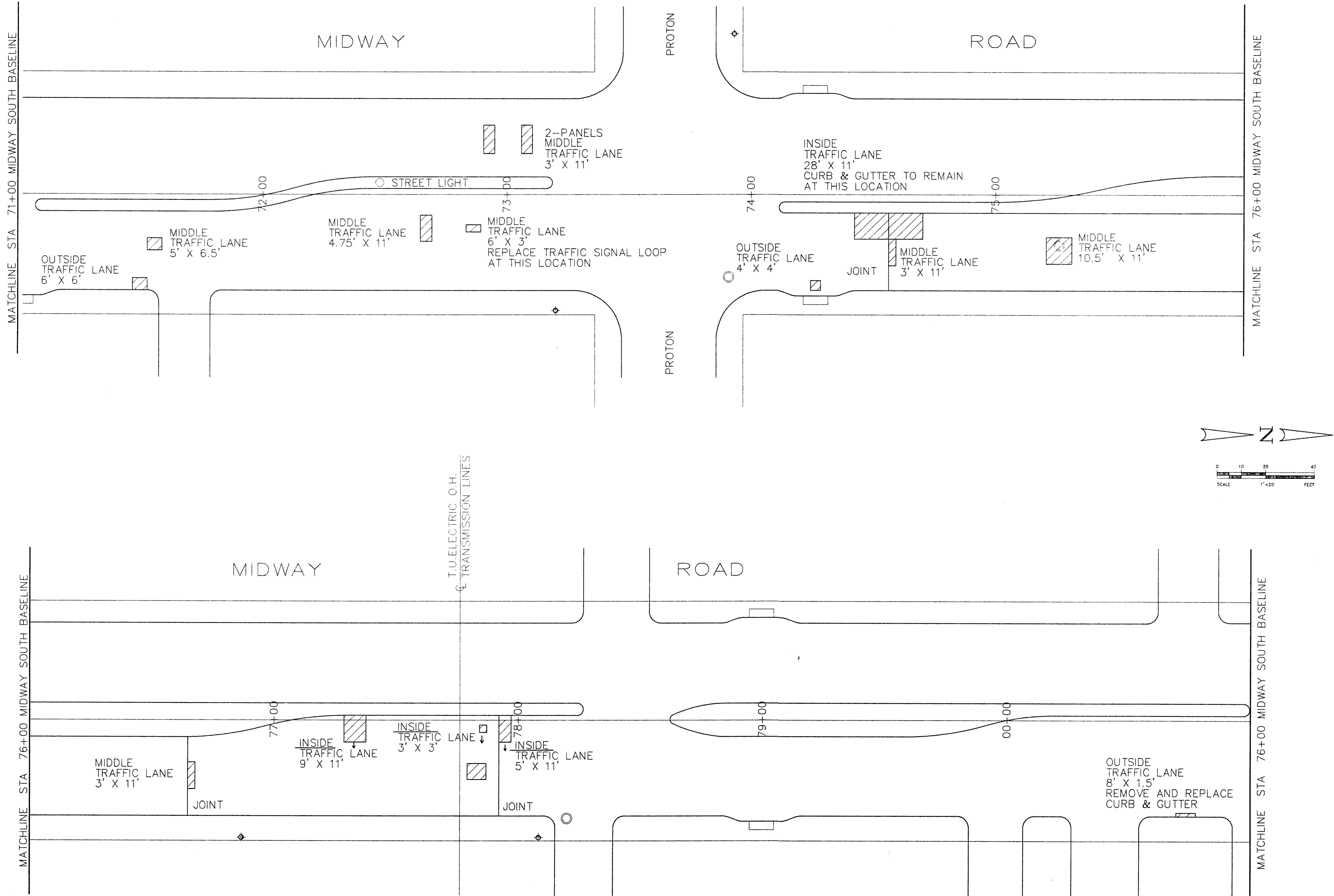
SHEET
2
OF
12

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PUBLIC WORKS DEPARTMENT

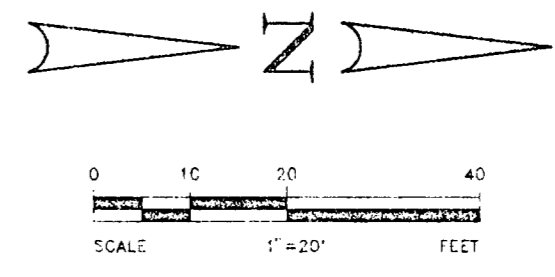
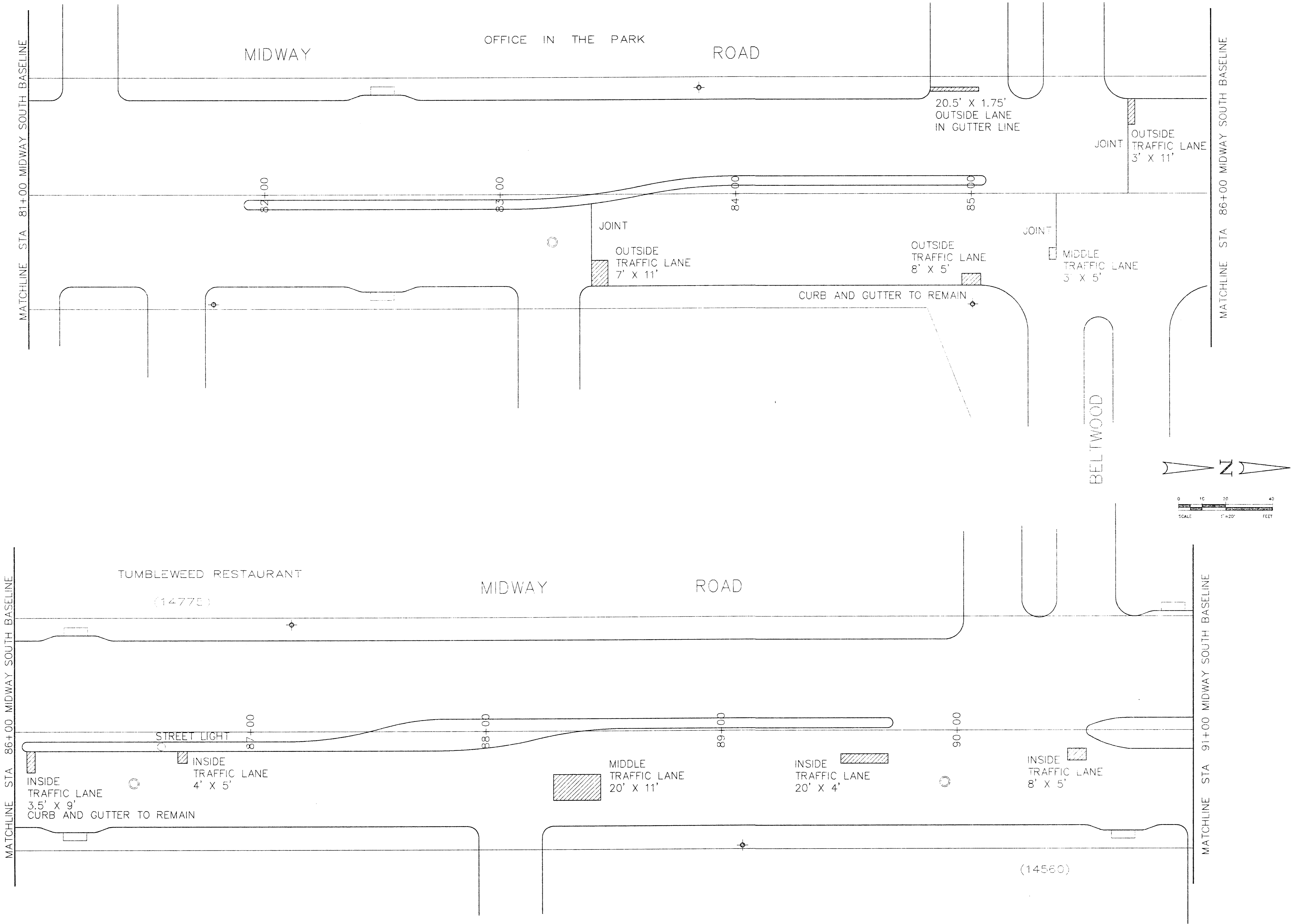
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CITY

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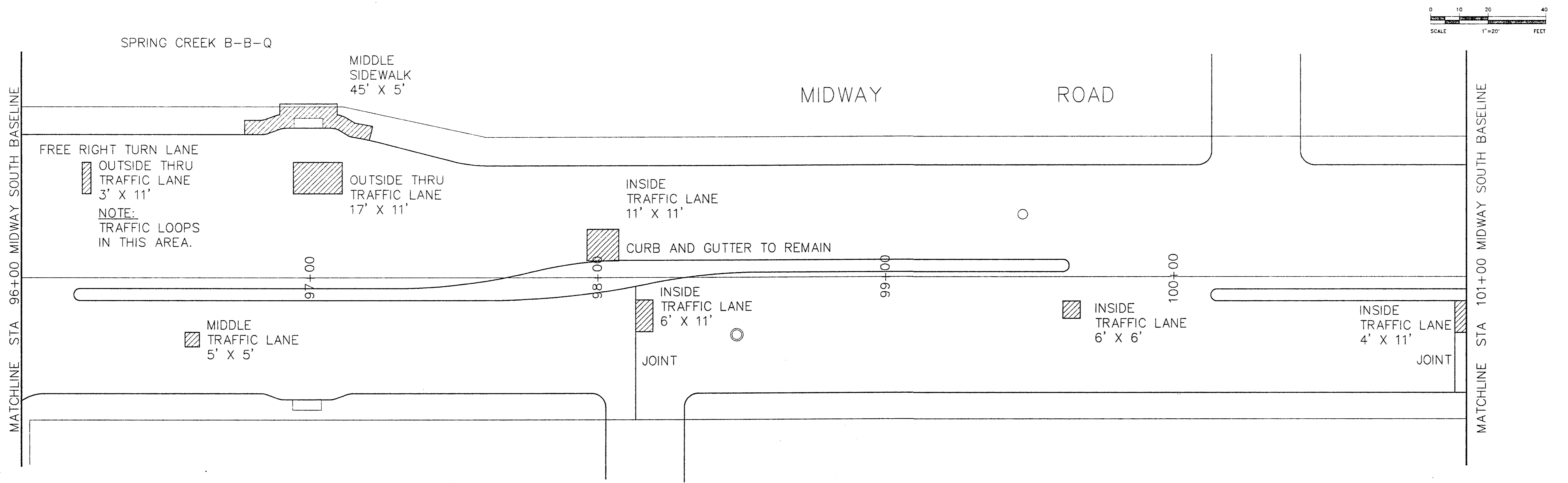
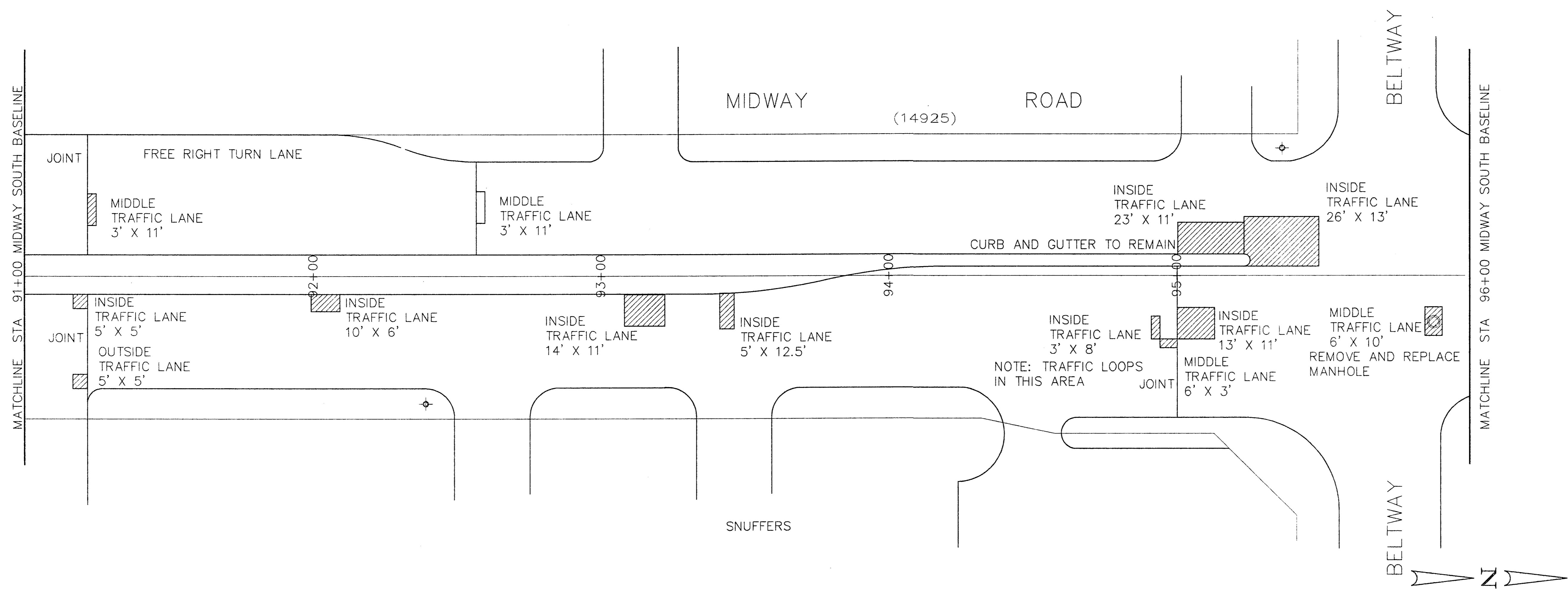


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	ADDISON TEXAS
	TOWN OF ADDISON PUBLIC WORKS DEPARTMENT PREPARED FOR:
PREPARED BY:	SCOTT CONSULTING 6220 BENTWOOD TRAIL SUITE 403 DALLAS, TEXAS 75252
MIDWAY ROAD PAVEMENT REPLACEMENT PROJECT PHASE I MIDWAY ROAD SOUTH	
Scale: 1"=20' Date: 3/94 Designed By: T of Addison Drawn By: Checked By: T of Addison File: MID_3-12.DWG Project No.: MIDWAY ROAD	SHEET 3 OF 12

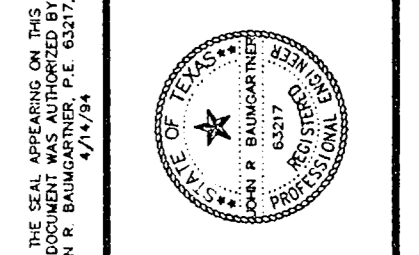


MIDWAY ROAD PAVEMENT REPLACEMENT PROJECT
PHASE I MIDWAY ROAD SOUTH

Scale: 1"=20' Designed By: T of ADDISON Drawn By: Checked By: T of ADDISON File: MID_4-12.DWG Project No.: MIDWAY ROAD	Date: 3/94 TOWN OF ADDISON PUBLIC WORKS DEPARTMENT SCOTT CONSULTING 6220 BENIMOOD TRAIL SUITE 403 DALLAS, TEXAS 75252	PREPARED FOR: TOWN OF ADDISON PUBLIC WORKS DEPARTMENT PREPARED BY: SCOTT CONSULTING 6220 BENIMOOD TRAIL SUITE 403 DALLAS, TEXAS 75252	PUBLIC WORKS DEPARTMENT 16801 WESTGROVE DRIVE ADDISON, TEXAS 75001 (214) 450-2640 FAX (214) 931-6643
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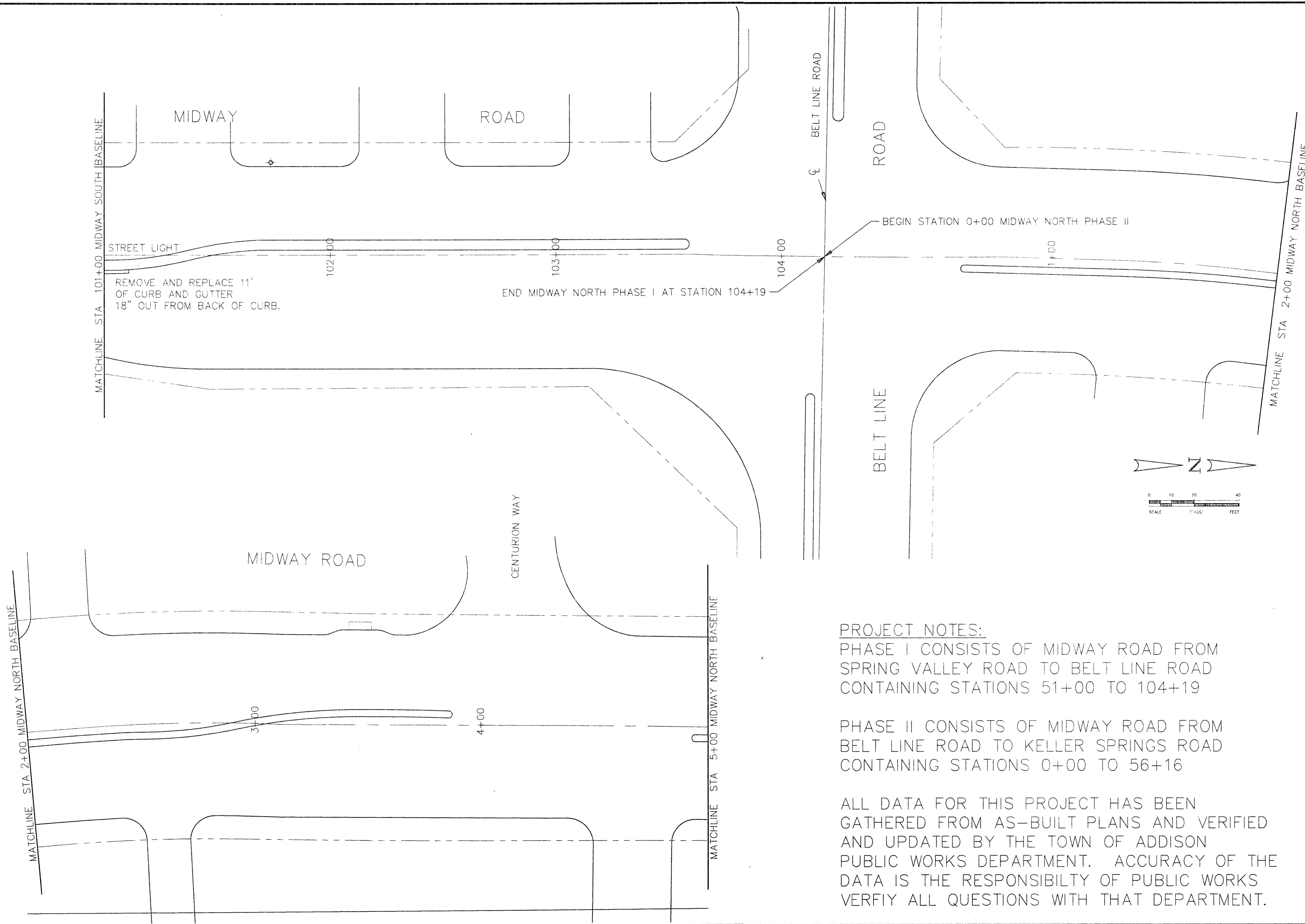
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 PUBLIC WORKS DEPARTMENT

PREPARED BY:
 SCOTT CONSULTING
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**MIDWAY ROAD PAVEMENT
 REPLACEMENT PROJECT
 PHASE I MIDWAY ROAD SOUTH**

Scale: 1"=20'
 Date: 3/94
 Designed By: T of ADDISON
 Drawn By:
 Checked By: T of ADDISON
 File: MID_5-12.DWG
 Project No.: MIDWAY ROAD

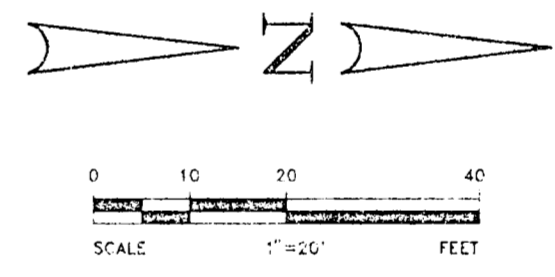
SHEET
 6
 1
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PROJECT NOTES:
 PHASE I CONSISTS OF MIDWAY ROAD FROM SPRING VALLEY ROAD TO BELT LINE ROAD CONTAINING STATIONS 51+00 TO 104+19

PHASE II CONSISTS OF MIDWAY ROAD FROM BELT LINE ROAD TO KELLER SPRINGS ROAD CONTAINING STATIONS 0+00 TO 56+16

ALL DATA FOR THIS PROJECT HAS BEEN GATHERED FROM AS-BUILT PLANS AND VERIFIED AND UPDATED BY THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT. ACCURACY OF THE DATA IS THE RESPONSIBILITY OF PUBLIC WORKS. VERIFY ALL QUESTIONS WITH THAT DEPARTMENT.



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	ADDISON <small>THE TOWN OF</small>
PREPARED FOR: TOWN OF ADDISON PUBLIC WORKS DEPARTMENT	PREPARED BY: SCOTT CONSULTING 6220 BENTWOOD TRAIL SUITE 403 DALLAS, TEXAS 75252
MIDWAY ROAD PAVEMENT REPLACEMENT PROJECT PHASE I MIDWAY ROAD SOUTH	
Scale : 1"=20' Date : 3/94 Designed By : T of ADDISON Drawn By : Checked By : T of ADDISON File : MID_6-12.DWG Project No. : MIDWAY ROAD	

MATCHLINE STA 15+00 MIDWAY NORTH BASELINE

REMOVE AND REPLACE CURB AND GUTTER AT THIS LOCATION

JOINT

INSIDE TRAFFIC LANE 10' X 11'
MIDDLE TRAFFIC LANE 10' X 11'

MIDWAY ROAD

17+00

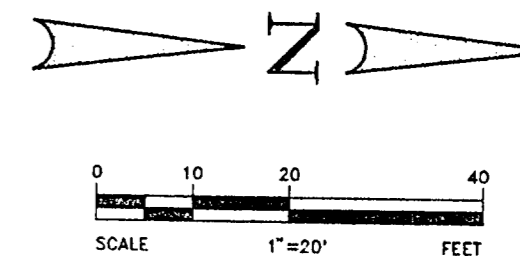
18+00

19+00

MIDDLE TRAFFIC LANE 28' X 11'

15304 MIDWAY ROAD

RICHARD BYRD DRIVE



MATCHLINE STA 20+00 MIDWAY NORTH BASELINE

MATCHLINE STA 20+00 MIDWAY NORTH BASELINE

WILEY POST ROAD

MIDWAY ROAD

21+00

22+00

23+00

24+00

REMOVE AND REPLACE CURB AND GUTTER AT THIS LOCATION

INSIDE TRAFFIC LANE 3' X 11'

MIDDLE TRAFFIC LANE 13.5' X 11'

MATCHLINE STA 25+00 MIDWAY NORTH BASELINE

Scale : 1"=20' Date : 3/94
Designed By : T of ADDISON
Drawn By :
Checked By : T of ADDISON
File : MID_6-12.DWG
Project No. : MIDWAY ROAD

SHEET
3
OF
12

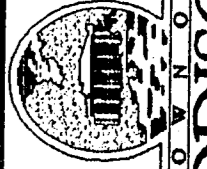
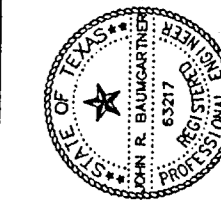
MIDWAY ROAD PAVEMENT REPLACEMENT PROJECT
PHASE II MIDWAY ROAD NORTH

PREPARED FOR:

TOWN OF ADDISON
PUBLIC WORKS DEPARTMENT

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6220 BENTWOOD TRAIL SUITE 403
DALLAS, TEXAS 75252

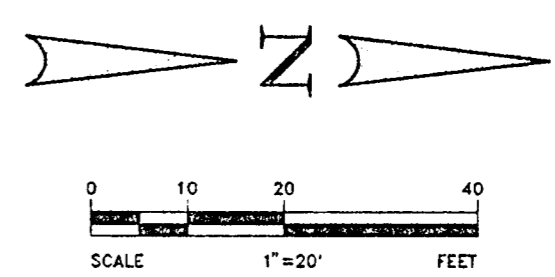
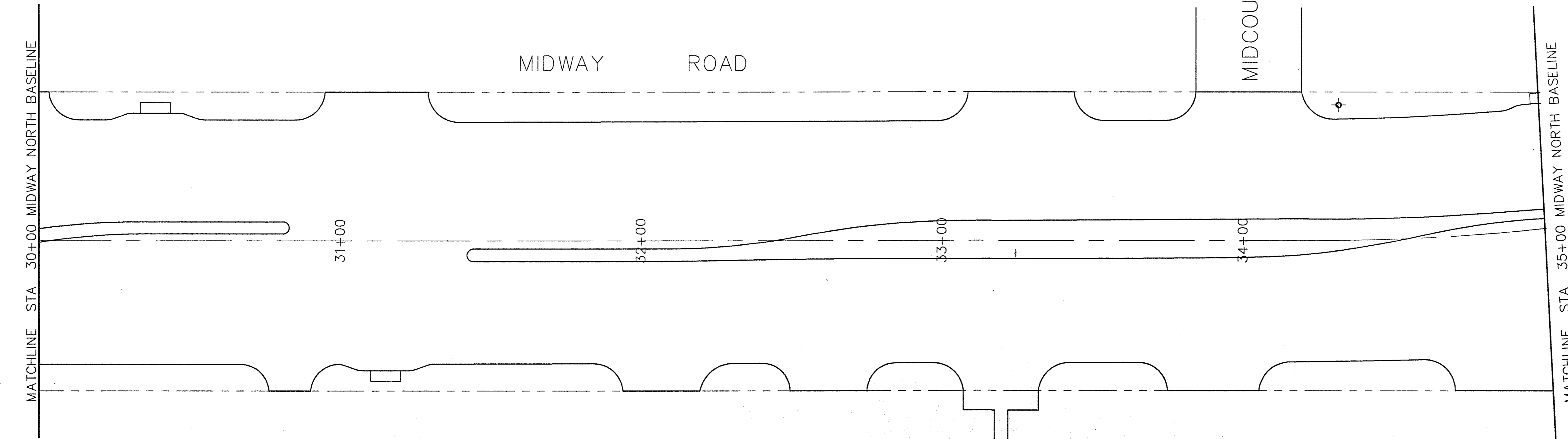
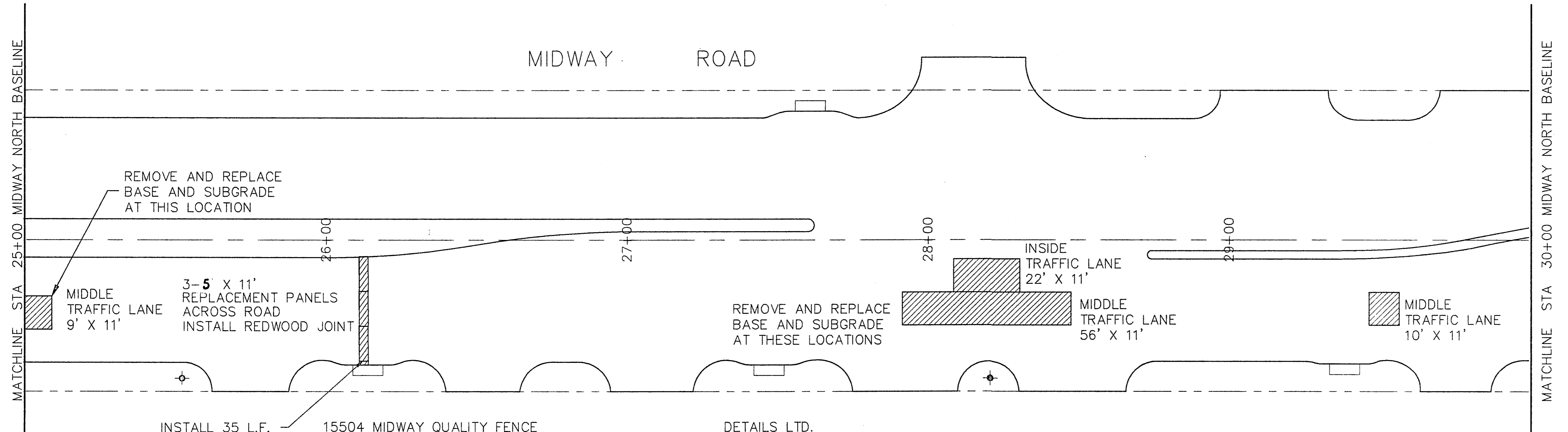
THE SEAL AND SIGNATURE OF THE
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ARE REQUIRED ON THIS DRAWING.



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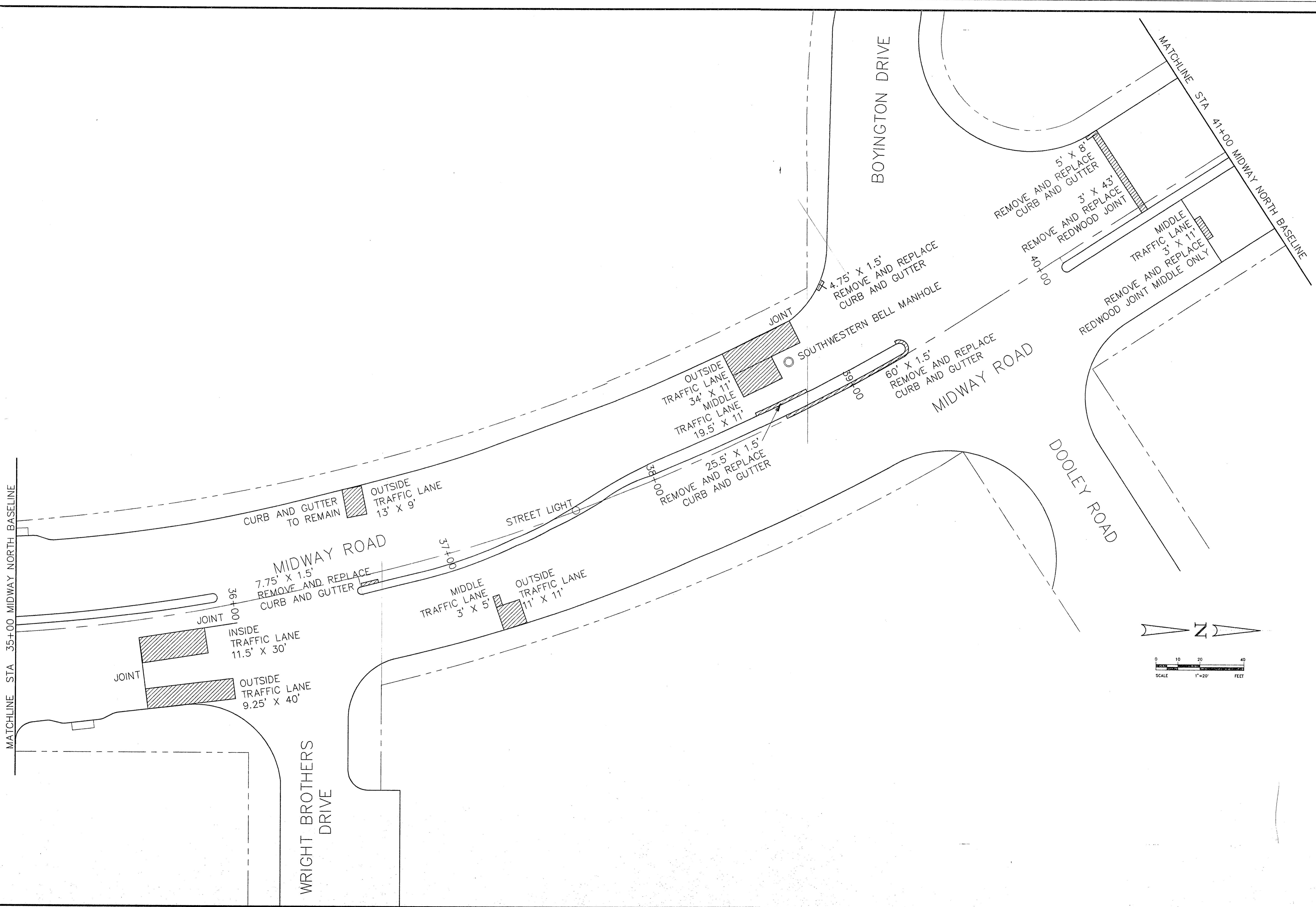
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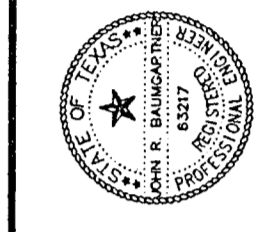
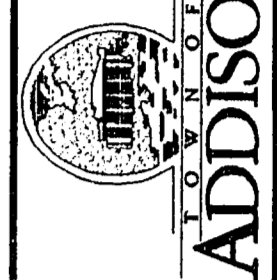


MIDWAY ROAD PAVEMENT REPLACEMENT PROJECT
PHASE II MIDWAY ROAD NORTH

<p>Scale : 1"=20'</p> <p>Designed By : T. of ADDISON</p> <p>Drawn By :</p> <p>Checked By : T. of ADDISON</p> <p>File : MID_9-12DWG</p> <p>Project No. : MIDWAY ROAD</p>	<p>Date : 3/94</p>	<p>PREPARED FOR:</p> <p>TOWN OF ADDISON PUBLIC WORKS DEPARTMENT</p>	<p>PREPARED BY:</p> <p>SCOTT CONSULTING 6220 BENTWOOD TRAIL SUITE 403 DALLAS, TEXAS 75252</p>
<p>THE SEAL AND SIGNATURE OF THE DESIGNER ARE REQUIRED FOR THIS PROJECT.</p>			
<p>ADDISON PUBLIC WORKS DEPARTMENT 18801 WESTCOTE DRIVE ADDISON, TEXAS 75001 (214) 450-2840 FAX (214) 931-8643</p>			



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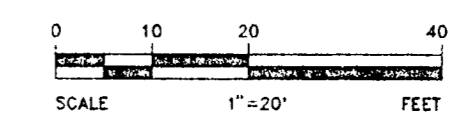
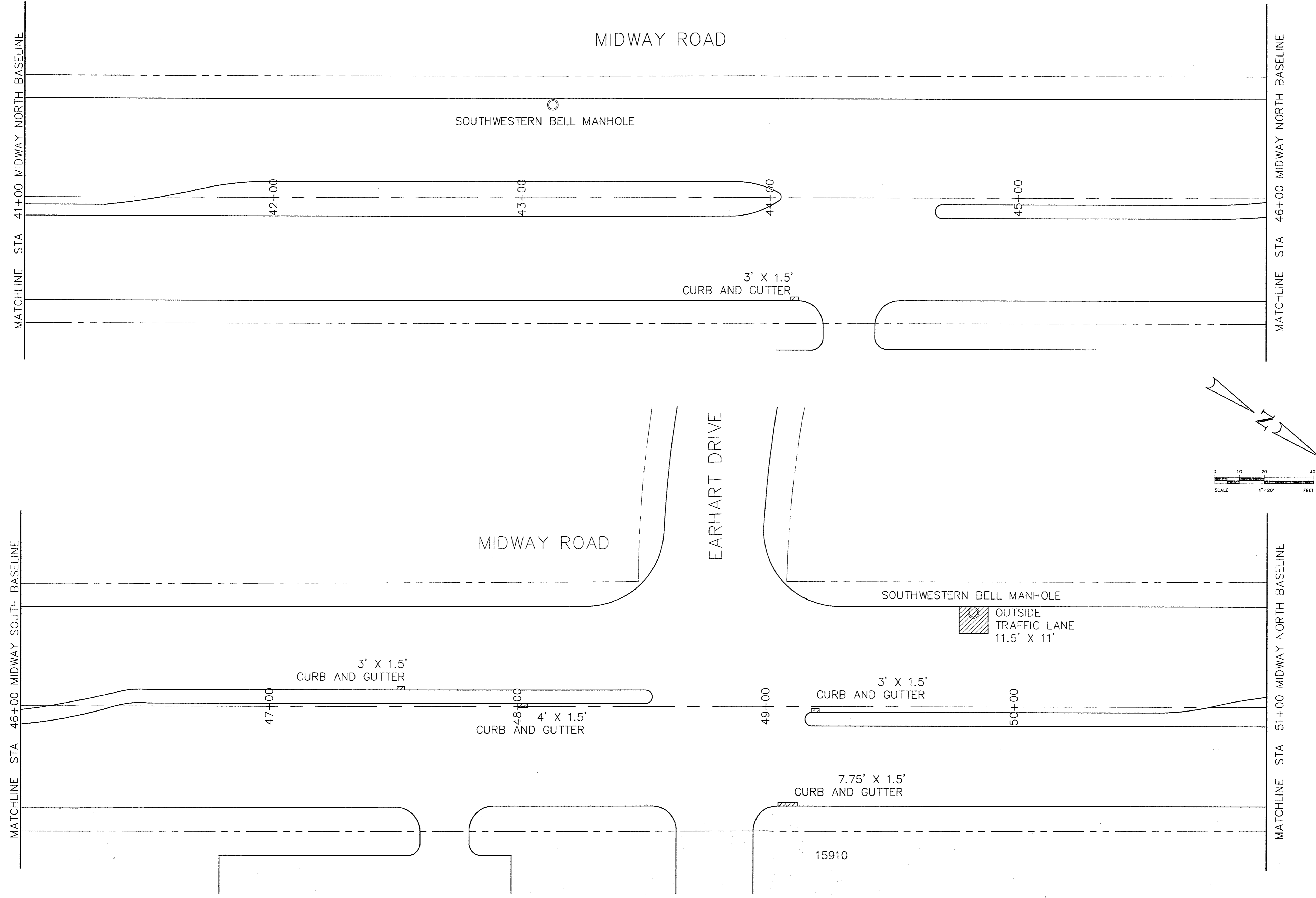
THE SEAL APPEARING ON THIS
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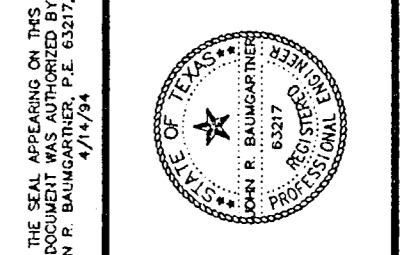
PREPARED FOR:
 PREPARED BY:

**MIDWAY ROAD PAVEMENT
 REPLACEMENT PROJECT
 PHASE II MIDWAY ROAD NORTH**

Scale : 1"=20'
 Date : 3/94
 Designed By : T of ADDISON
 Drawn By :
 Checked By : T of ADDISON
 File : MID10-12.DWG
 Project No. : MIDWAY ROAD



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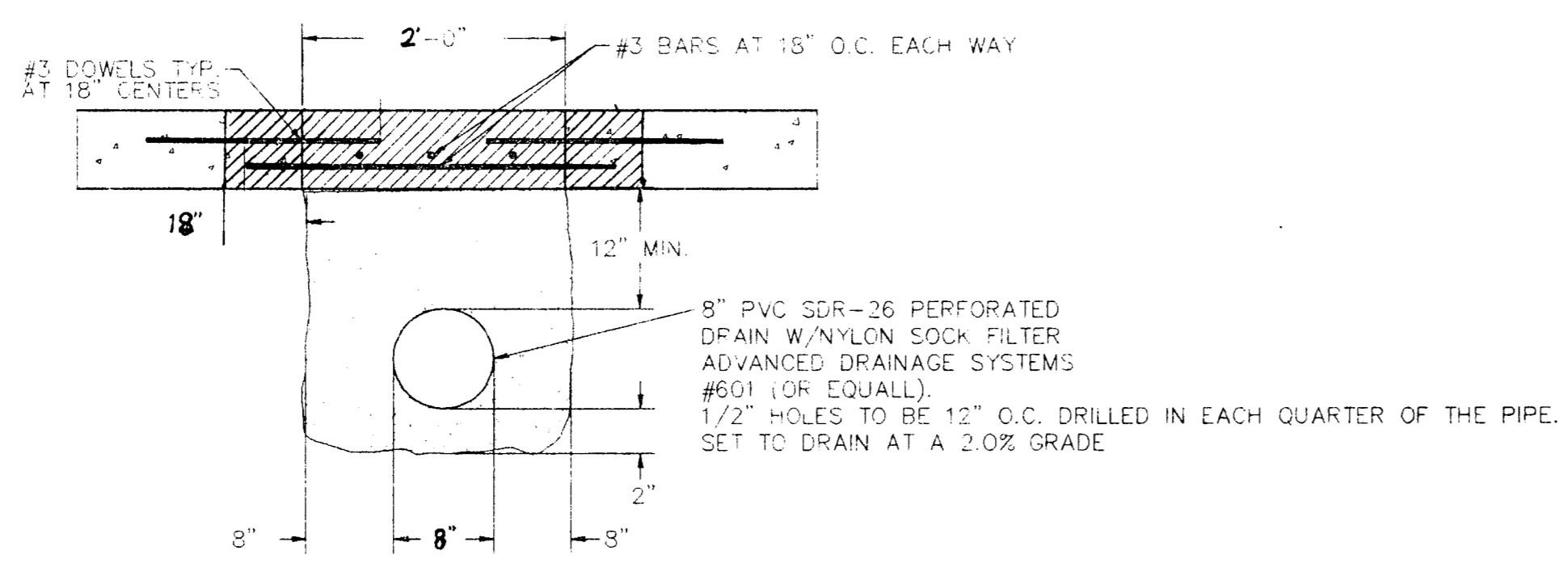
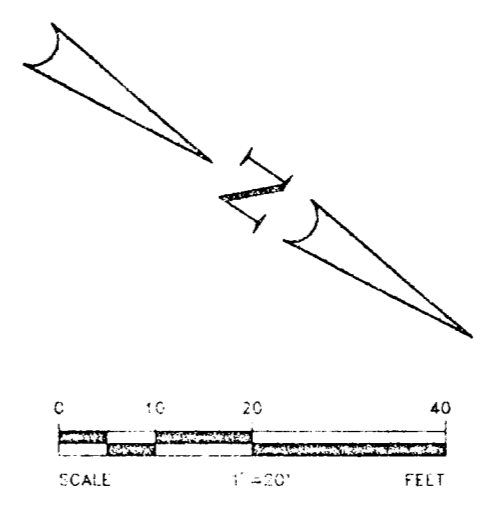
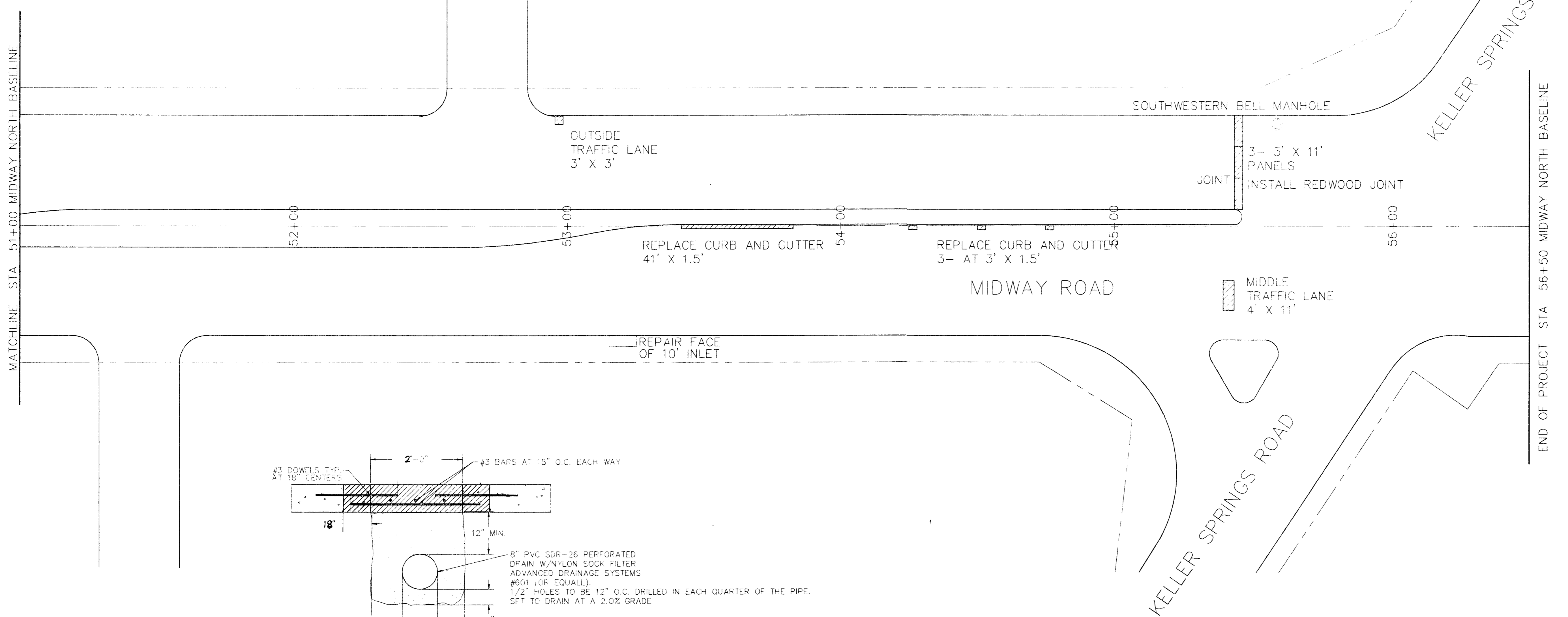


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 6220 BENTWOOD TRAIL SUITE 403
 DALLAS, TEXAS 75252

PREPARED FOR:
 PREPARED BY:

MIDWAY ROAD PAVEMENT
 REPLACEMENT PROJECT
 PHASE II MIDWAY ROAD NORTH

Scale : 1"=20' Date : 3/94
 Designed By : T. of ADDISON
 Drawn By :
 Checked By : T. of ADDISON
 File : MID11-12.DWG
 Project No. : MIDWAY ROAD



8" PERFORATED PIPE DETAIL

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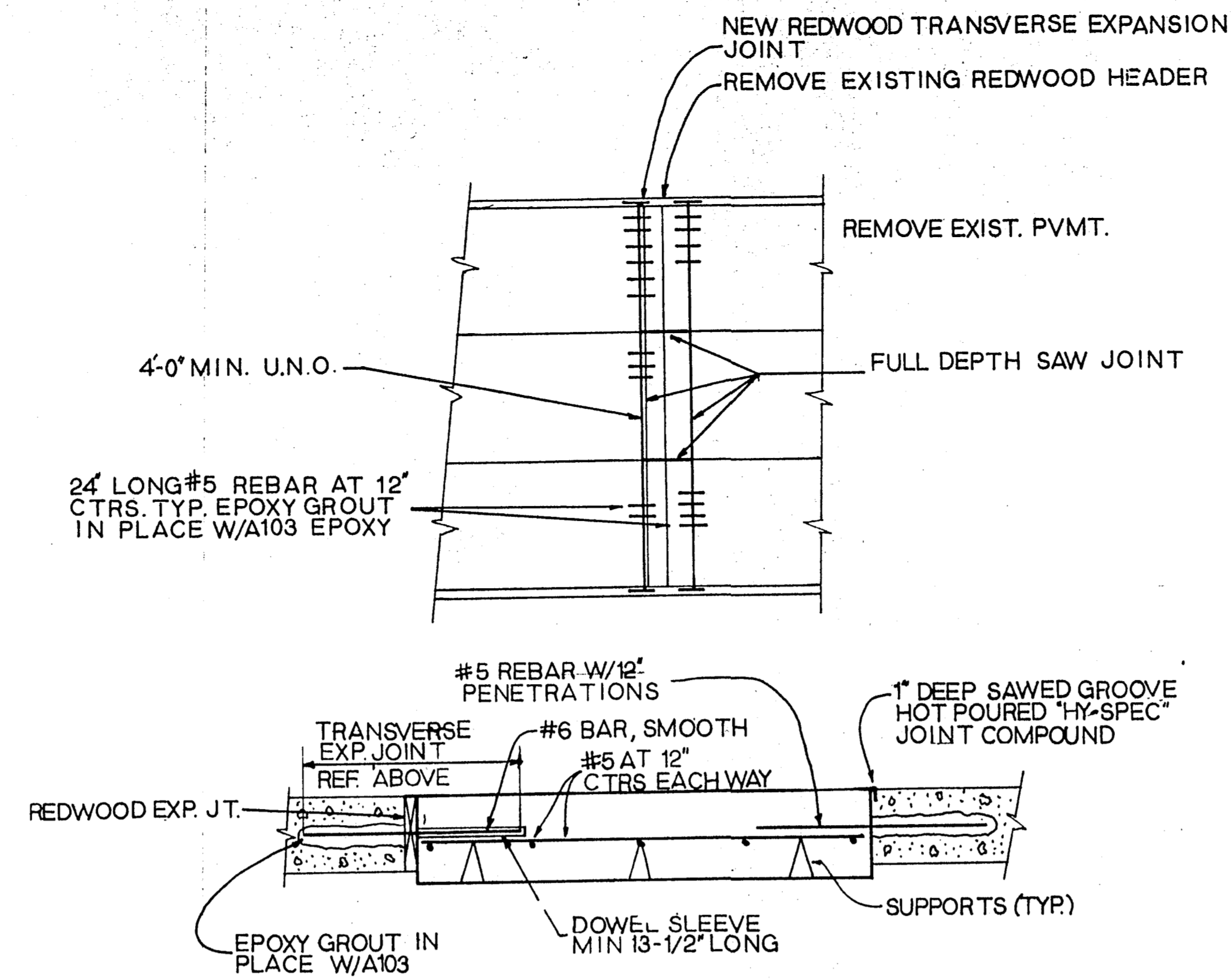
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**MIDWAY ROAD PAVEMENT
 REPLACEMENT PROJECT
 PHASE II MIDWAY ROAD NORTH**

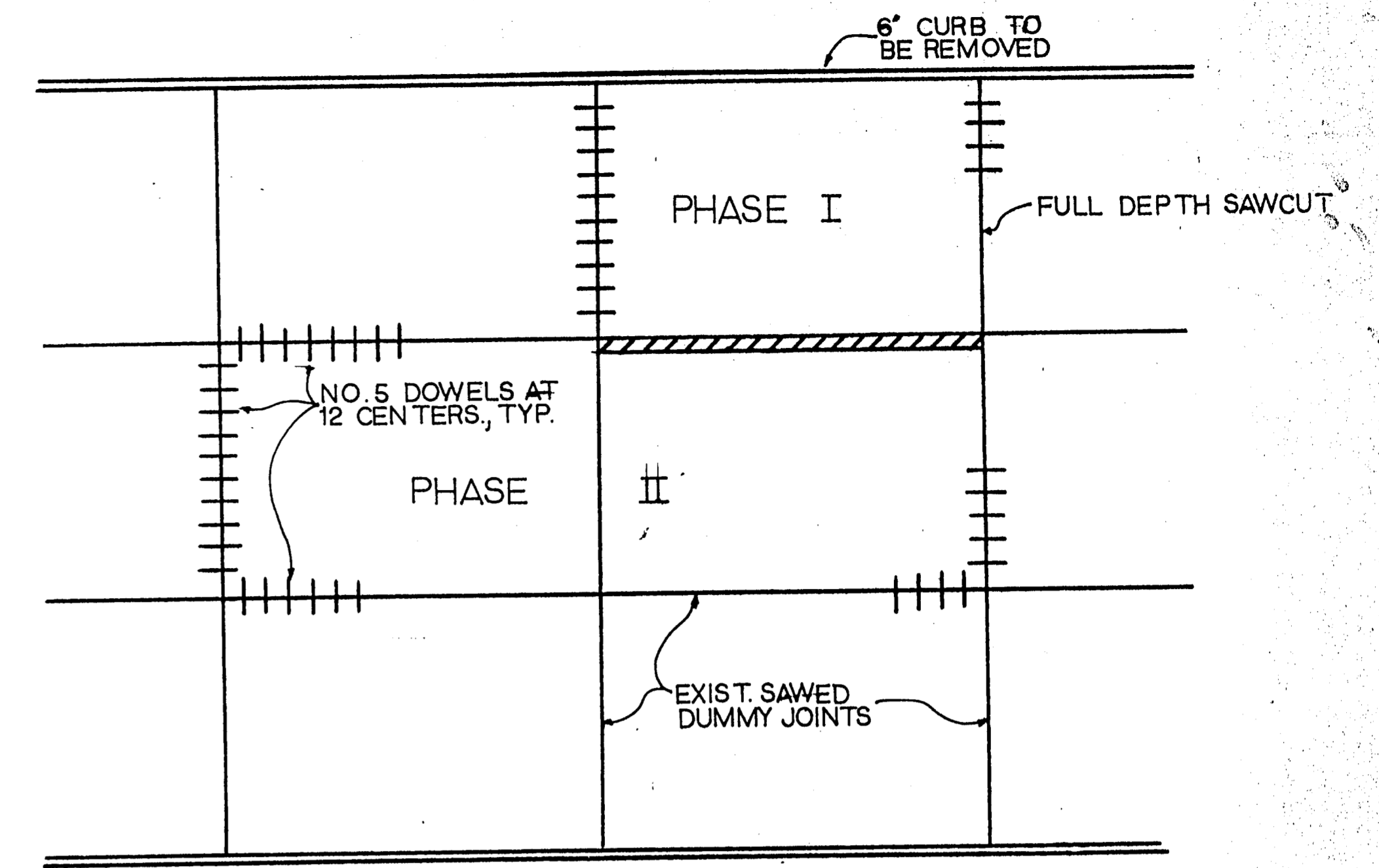
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 Designed By: T of Addison
 Drawn By:
 Checked By: T of Addison
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 Project No.: MIDWAY ROAD

SHEET
 12
 OF
 12

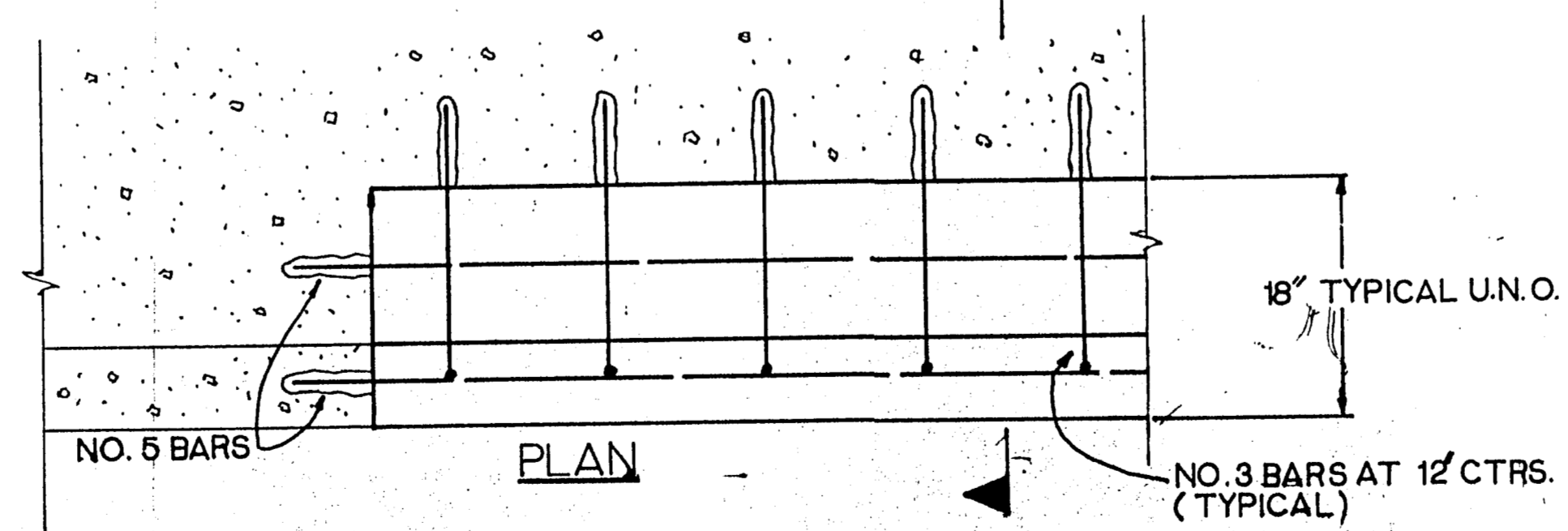
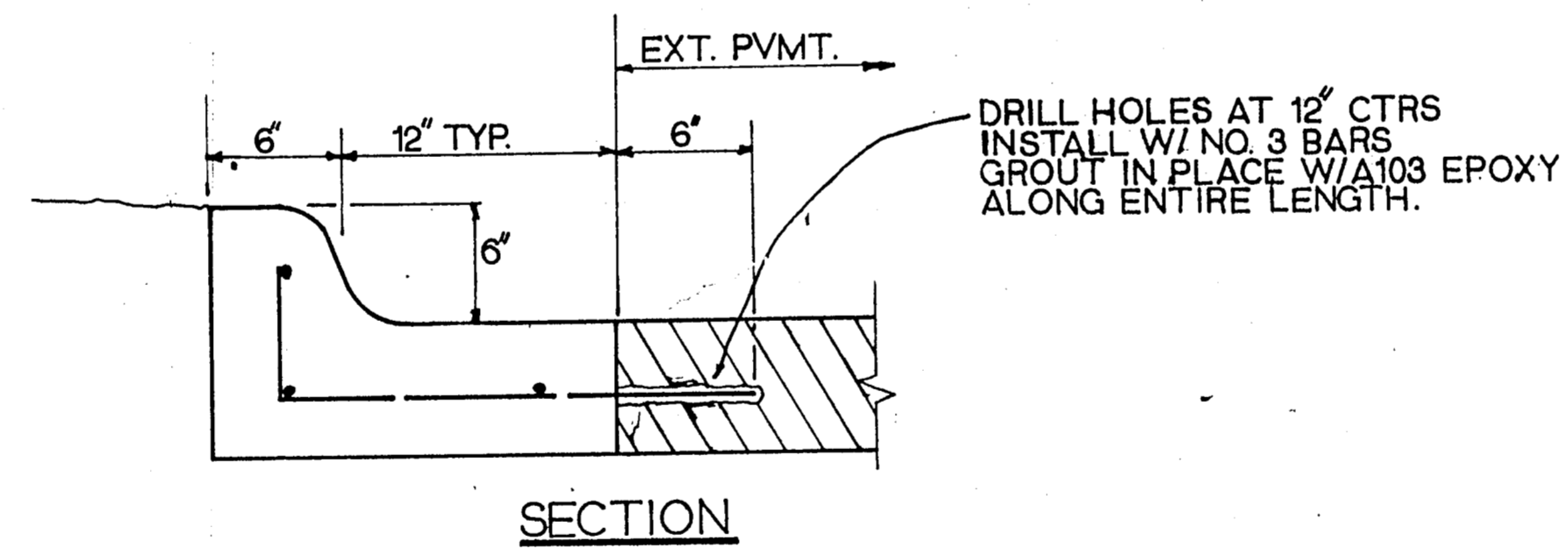


TRANSVERSAL EXPANSION JOINT REPLACEMENT

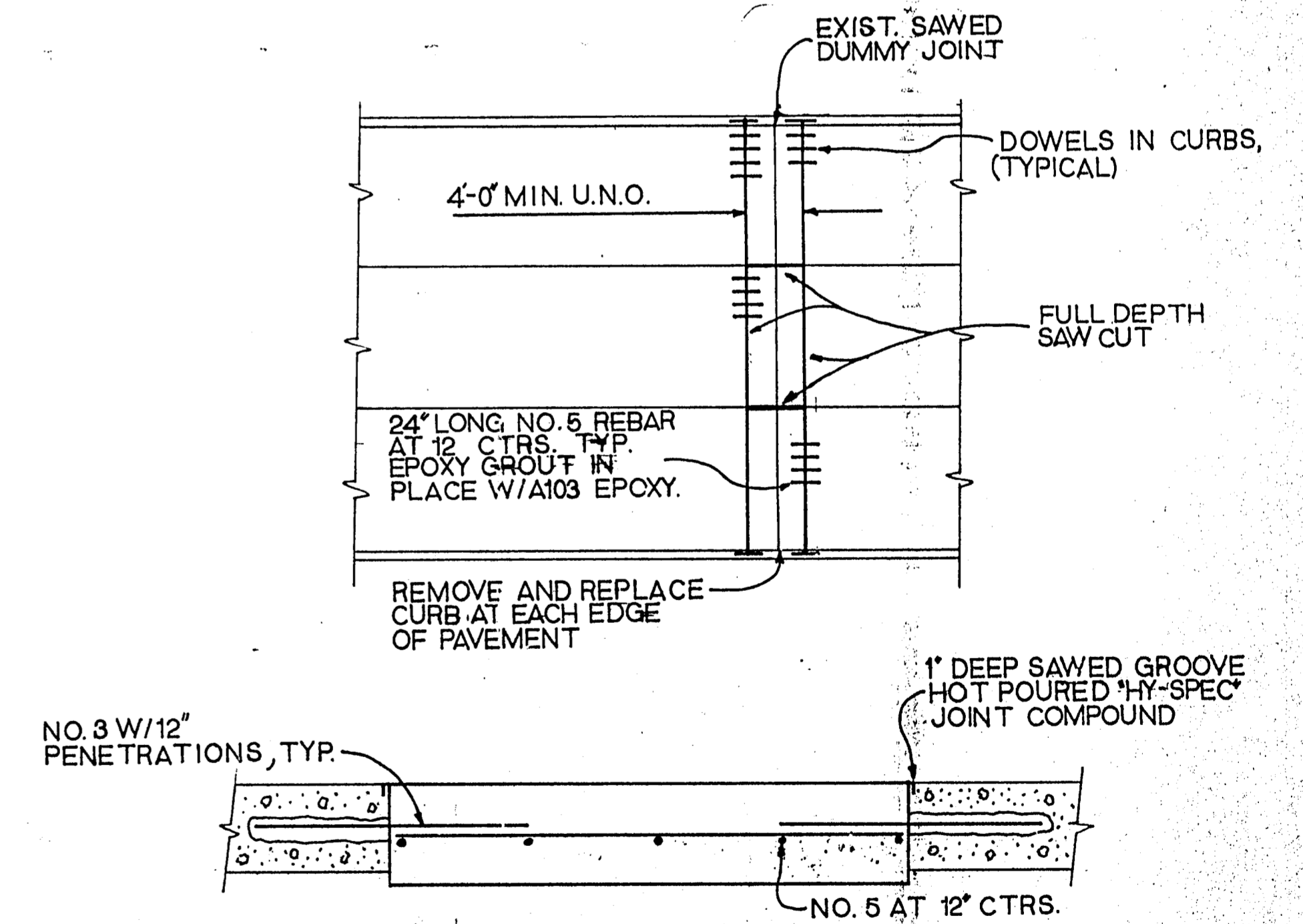
NOTE:
 WHEN TRANSVERSE EXPANSION JOINT OCCURS AT ONLY ONE LANE OR TWO LANES (REF PLANS) REPLACE REDWOOD HEADER AT SAME LOCATION AS EXISTING. TO MATCH EXIST. LOCATION OF REDWOOD, NO OFFSETS IN EXIST. AND NEW REDWOOD HEADERS SHALL BE ALLOWED.



TYPICAL PAVEMENT REMOVAL DETAIL
 N.T.S.

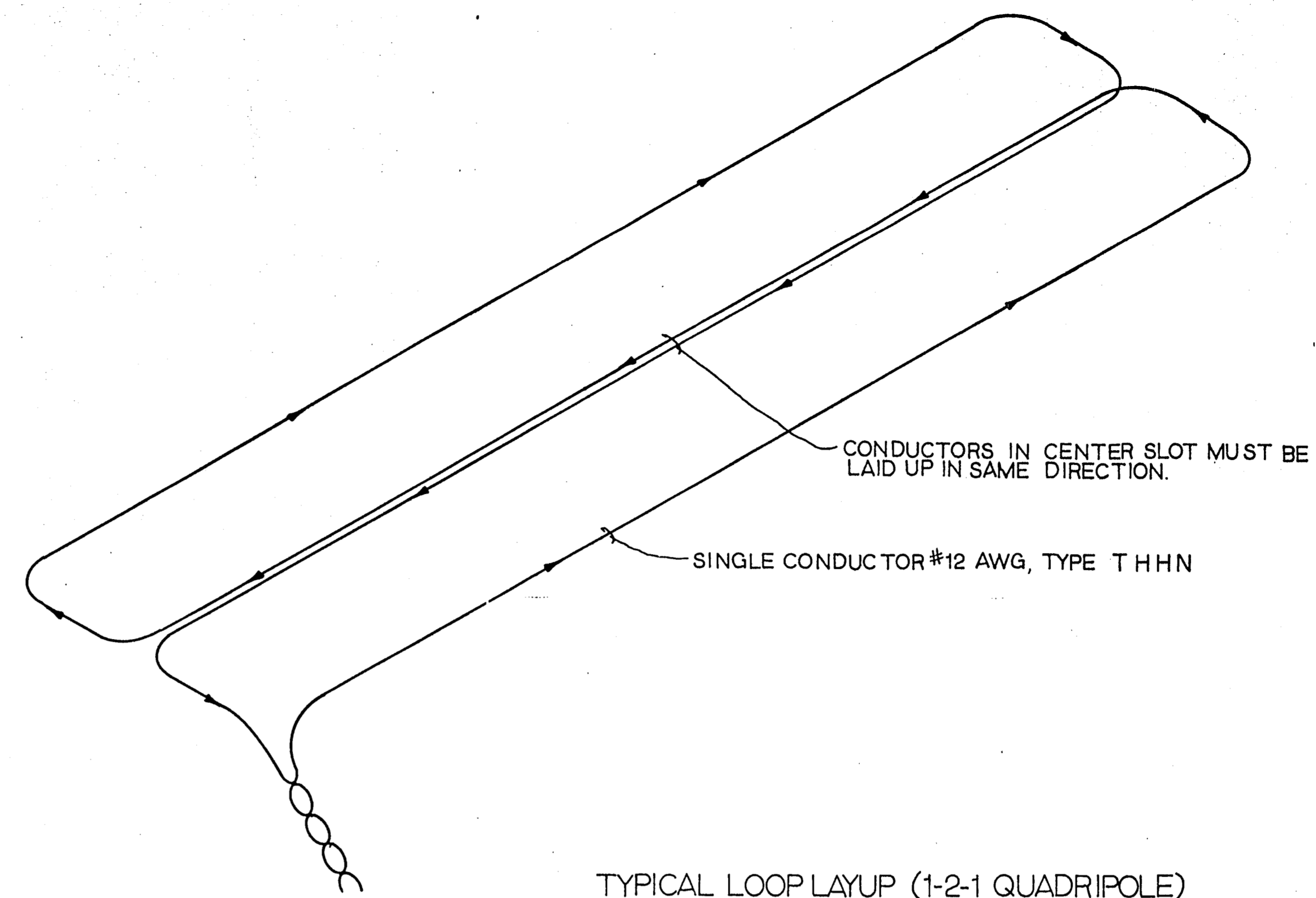
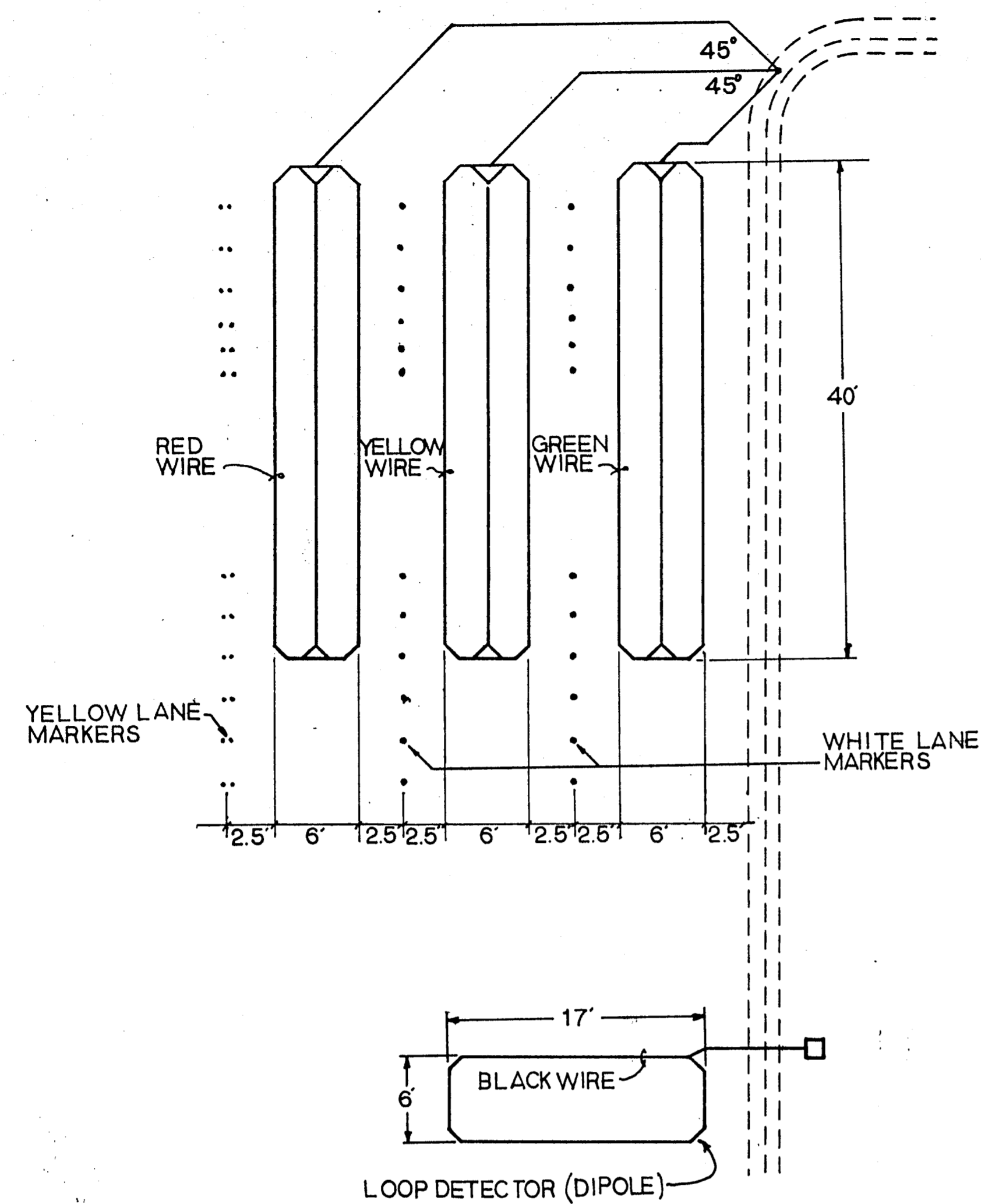


CURB CONNECTION DETAIL
 N.T.S.

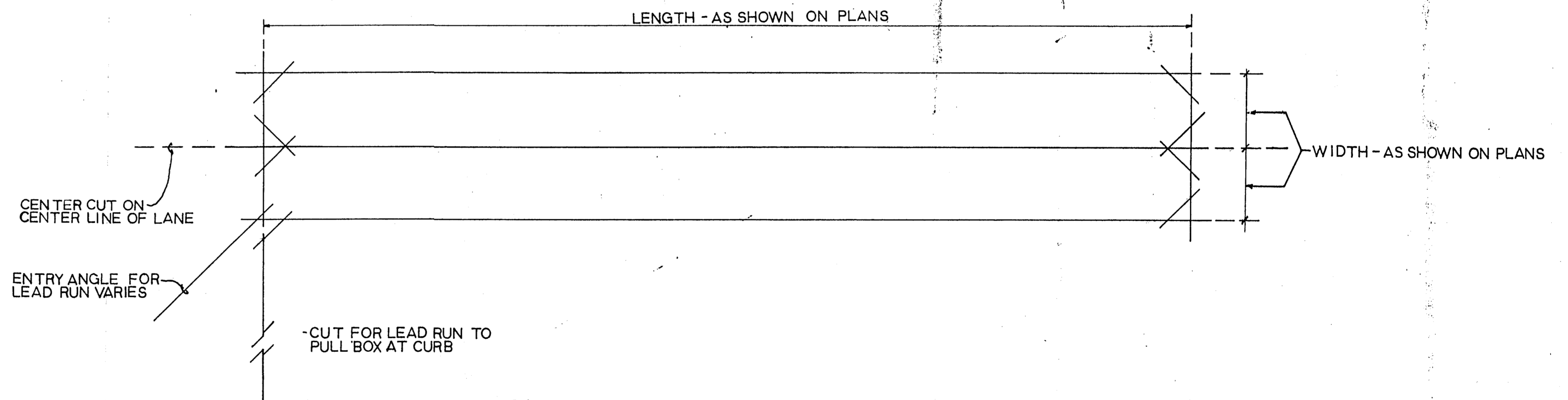


TRANSVERSE SAWED JOINT REPLACEMENT
 N.T.S.

DATE:
SCALE: 1" = 20'
SHEET NO.



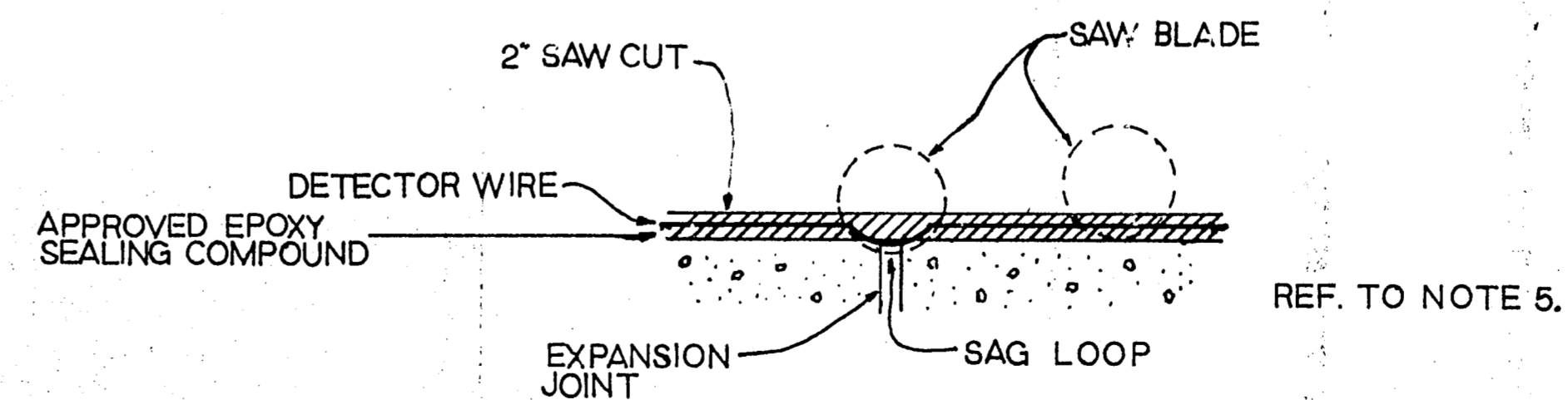
TYPICAL LOOP LAYUP (1-2-1 QUADRIPOLE)



SAW-CUT PATTERN FOR DETECTOR

NOTES

1. INSTALLATION OF WIRE LOOPS IS TO BE MADE IN THE SHORTEST TIME PRACTICAL, NOT TO EXCEED A 4HR. MAX. & SCHEDULED DURING OFF PEAK HOURS TO MINIMIZE DELAY TO VEHICLE TRAFFIC.
2. THE PAVEMENT CUT IS TO BE CUT W/ A CONCRETE SAW TO NEXT LINES. AND LOOSE MATERIAL REMOVED. THE CUT SHOULD BE CLESH 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 IS 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 PERMISSABLE.
5. WHEN SAW CUT CROSSES A TRANSVERSE EXPANSION JOINT LOWER THE DEPTH 2" WHEN SAW IS CENTERED OVER EXPANSION JOINT.
6. CONTRACTOR TO PROVIDE INDIVIDUAL SAWED CHANNELS THRU CURB & GUTTER FOR EACH WIRE LOOP.
7. SPLICES IN PULL BOXES SHALL BE SOLDERED & HEATHER SEALED.

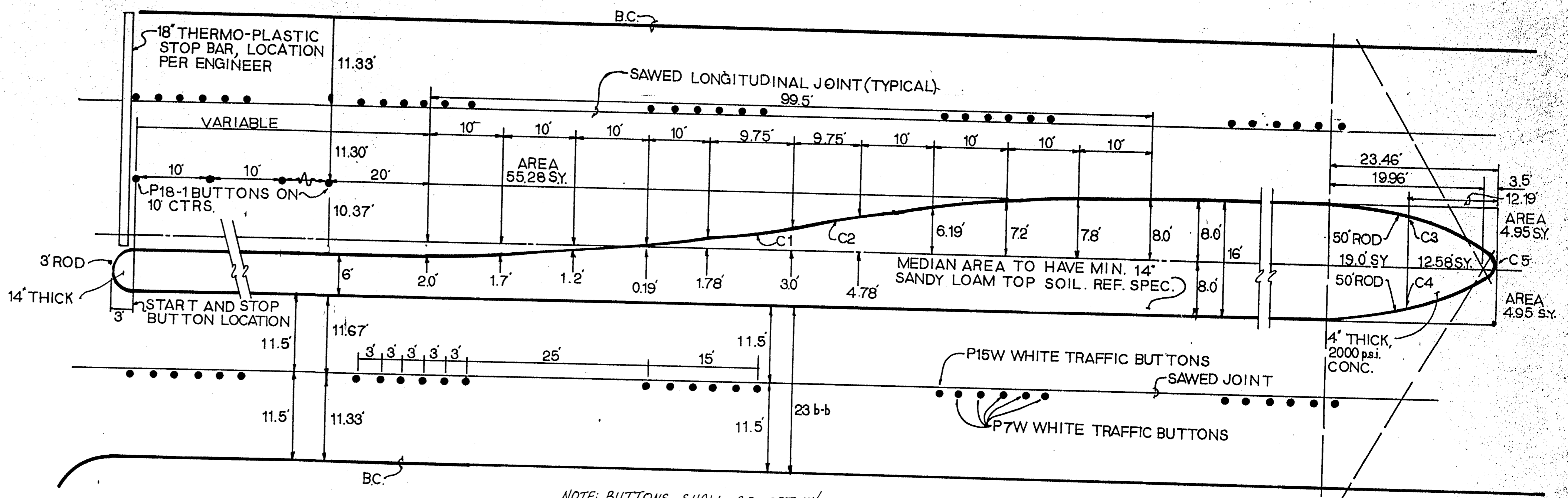


STANDARD TRAFFIC SIGNAL DETAILS

DATE:
SCALE:
1" = 20'
SHEET NO.

GENERAL NOTES - MIDWAY ROAD IMPROVEMENTS

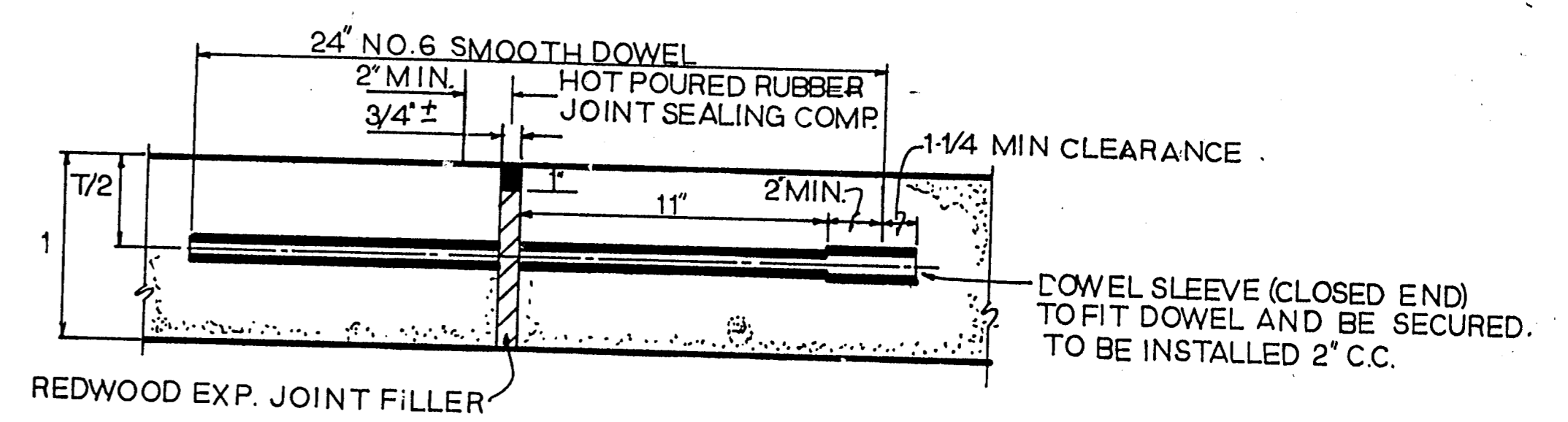
- Prior to start, Contractor shall notify TU Electric. Contractor shall be responsible for repairing and replacing any TU Electric conduit damaged during construction. He shall pay TU Electric for costs of labor for reinstalling the wire and damage to poles, bases and hand holes caused by his work. Contact TU Electric prior to beginning work.
- The Town of Addison has a traffic signal interconnect conduit and cable in the median of Midway Road. Should the interconnect be damaged during construction, Contractor shall pay for interconnect repairs which will be done by a Town approved signal Contractor.
- The Contractor should use extreme care in removing concrete pavement so to not damage traffic signal loops or wire. Any needed repairs to loops or pull boxes shall be done by Contractor. New loops shall be cut for each intersection as part of this contract. See detail sheet.
- Contractor must plan to keep existing landscape watered throughout construction process. Any materials removed shall be replaced with new materials similar in size and type at location approved by Landscape Director. Where trees are in the narrow sections of the median, use of a narrow form is recommended (2 x 12) to allow for a minimum of excavation and disturbance to landscape. The Landscape Department shall be advised seventy-two hours in advance of sprinkler changes that might affect plant material. Contractor shall locate and relocate sprinkler lines and heads prior to start of work. He shall repair all damages to irrigation systems (pipes, wiring and heads) at his cost, and must complete all work prior to moving to another location.
- Concrete pavers removed to facilitate construction shall be replaced after completing the work.
- Contractor shall remove curbs or panels of street sections to existing sawed joints or redwood headers. All dowels used to connect to existing pavement shall be epoxied with an approved product.
- Early strength concrete shall be used for all concrete work on Midway Road (3000 psi in forty-eight hours).
- The General Contractor must have an English speaking superintendent from his office onsite at all times during construction for the duration of the project.
- Contractor shall maintain a minimum of two lanes of free flowing traffic, both northbound and southbound, along Midway Road at all times. Individual areas under construction shall be repaved and reopened to traffic within 96 hours of closure.
- Contractor shall confine blocking of any lanes of traffic and major construction activities to between 9:00 AM and 4:00 PM.
- Contractor shall contact the following prior to beginning his work on Midway Road:
 - TU Electric
 - Lone Star Gas
 - Southwestern Bell
 - Storer Cable
- After all existing concrete is removed from the repair area, Contractor shall roll subgrade to locate any soft areas. Contractor shall notify Engineer of any soft areas immediately. The soft areas shall be excavated and recompacted with the same type material found in adjacent subgrade. The material shall be compacted to 95% of Standard Proctor at one to three percentage points over optimum moisture as determined by AASHTO standard methods.
- If length of removal of curb and gutter falls within three feet of a sawed joint, then the removal shall be extended to the sawed joint.
- Contractor shall lay out project, then contact the Street Director so he can review the layout prior to beginning demolition or construction.
- The Addison Landscape Department shall identify plant material and help isolate irrigation lines prior to construction. Phone #450-2851.
- New pavement and sidewalk shall match existing grades.
- Repair or replacement of irrigation system and landscape material shall be done by this Contractor.
- Whenever work is being done near curb where landscaping and/or irrigation may occur, Contractor shall "HAND DIG" to expose sprinkler, cable, conduit, etc. prior to beginning any other work.



NOTE: BUTTONS SHALL BE SET W/2-PART EPOXY WASHING MIX

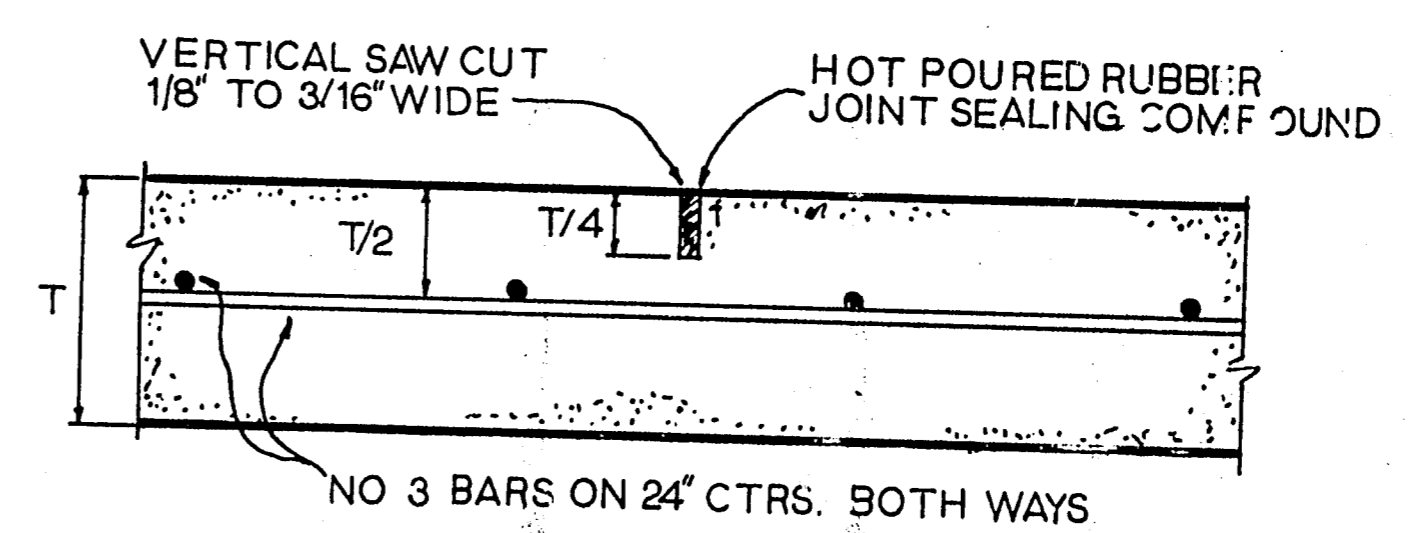
CURVE DATA				
CURVE	Δ	R	T	L
C1, C2	11°28'40"	250'	25.13'	50.18'
C3, C4	25°24'53"	50.0'	11.27'	22.18'
C5	63°35'07"	2.17'	3.18'	3.50'

LEFT TURN LANE/BUTTON DETAIL



TRANSVERSE EXPANSION JOINT
(SPACED 600' MAX., LOCATE AT INTERSECTIONS)

NOTE:
DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE.



SAWED DUMMY JOINT

DATE:
SCALE:
1" = 20'
SHEET NO.: