

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 LYNN SPRUILL, MAYOR



CONSTRUCTION PLANS FOR  
**MISCELLANEOUS  
 PAVEMENT  
 IMPROVEMENTS**

OAKS NORTH DRIVE    MARSH LANE  
 MIDWAY ROAD        SOJOURN LANE

MAYOR:  
 LYNN SPRUILL

COUNCIL MEMBERS:  
 JIM DUFFY  
 RICHARD RODER  
 JOHN NOLAN  
 JOHN BRANCH  
 RILEY REINKER

CITY MANAGER:  
 RON WHITEHEAD

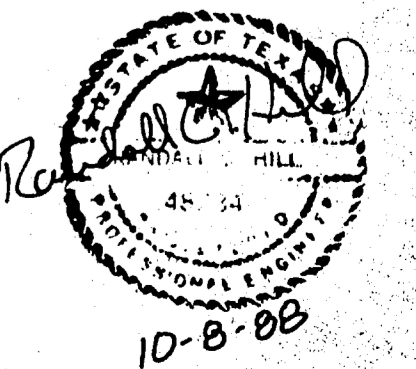
DIRECTOR OF STREETS:  
 ROBIN JONES

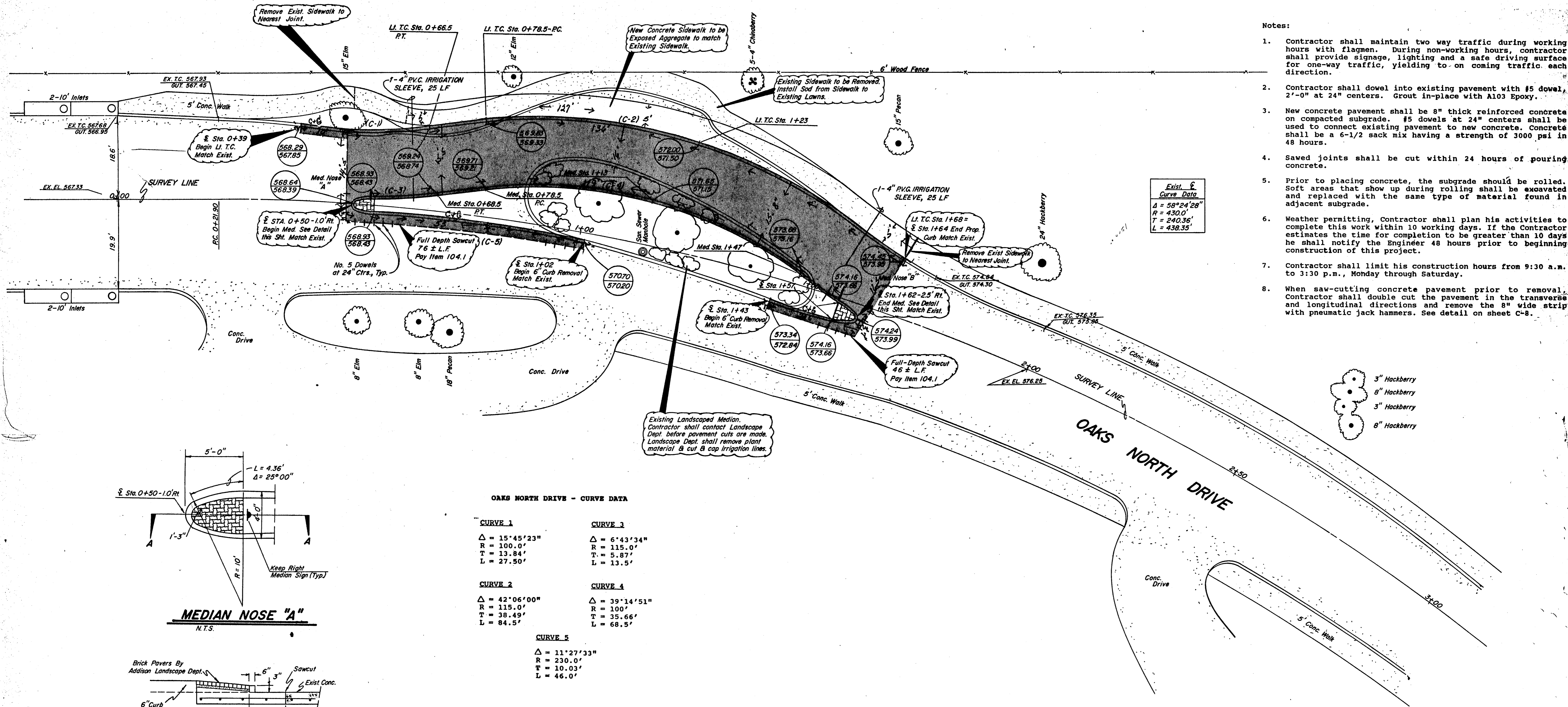
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4. MIDWAY ROAD
5. MIDWAY ROAD
6. MIDWAY ROAD
7. MIDWAY ROAD
8. MIDWAY ROAD
9. MARSH LANE
10. SOJOURN LANE
11. TRINITY CHRISTIAN ACADEMY/BELTWAY DRIVE
12. SD-1
13. SD-2
14. SD-3
15. SD-4
16. SD-7A

**RECORD  
 DRAWING**  
 (39)

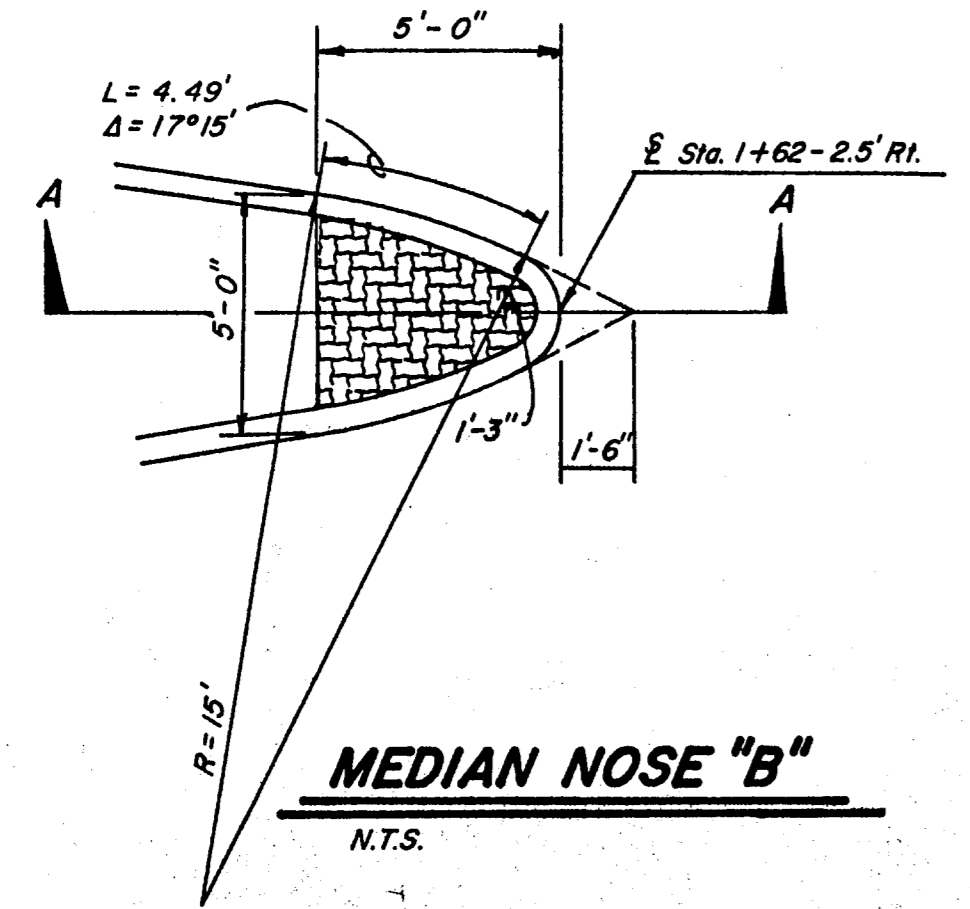
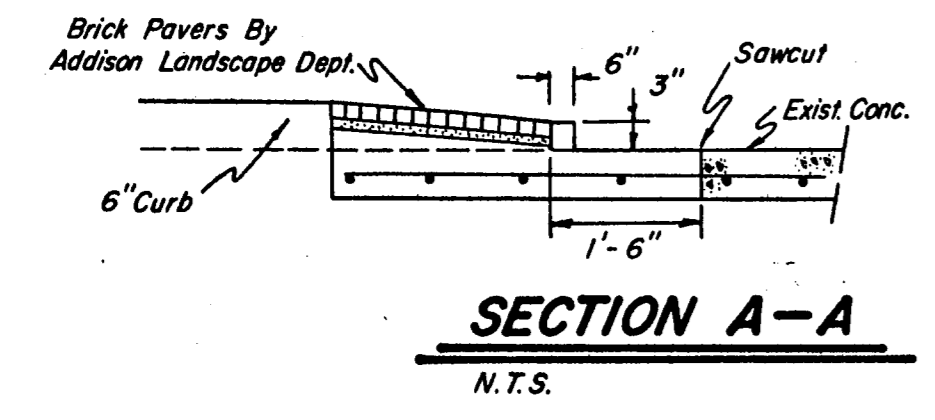
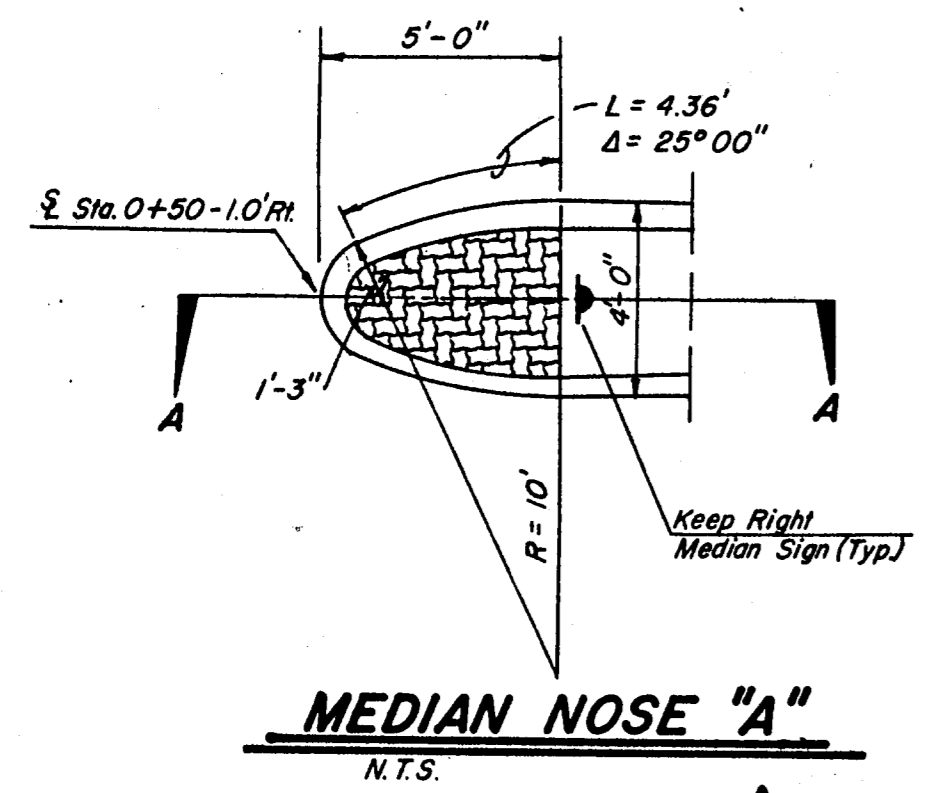
GINN, INC.  
 Consulting Engineers Dallas, Texas





- Notes:
- Contractor shall maintain two way traffic during working hours with flagmen. During non-working hours, contractor shall provide signage, lighting and a safe driving surface for one-way traffic, yielding to on coming traffic each direction.
  - Contractor shall dowel into existing pavement with #5 dowel, 2'-0" at 24" centers. Grout in-place with A103 Epoxy.
  - New concrete pavement shall be 8" thick reinforced concrete on compacted subgrade. #5 dowels at 24" centers shall be used to connect existing pavement to new concrete. Concrete shall be a 6-1/2 sack mix having a strength of 3000 psi in 48 hours.
  - Sawed joints shall be cut within 24 hours of pouring concrete.
  - Prior to placing concrete, the subgrade should be rolled. Soft areas that show up during rolling shall be excavated and replaced with the same type of material found in adjacent subgrade.
  - Weather permitting, Contractor shall plan his activities to complete this work within 10 working days. If the Contractor estimates the time for completion to be greater than 10 days he shall notify the Engineer 48 hours prior to beginning construction of this project.
  - Contractor shall limit his construction hours from 9:30 a.m. to 3:30 p.m., Monday through Saturday.
  - When saw-cutting concrete pavement prior to removal, Contractor shall double cut the pavement in the transverse and longitudinal directions and remove the 8" wide strip with pneumatic jack hammers. See detail on sheet C-8.

Exist. C	Curve Data
	$\Delta = 58^{\circ}24'28"$
	$R = 430.0'$
	$T = 240.36'$
	$L = 438.35'$

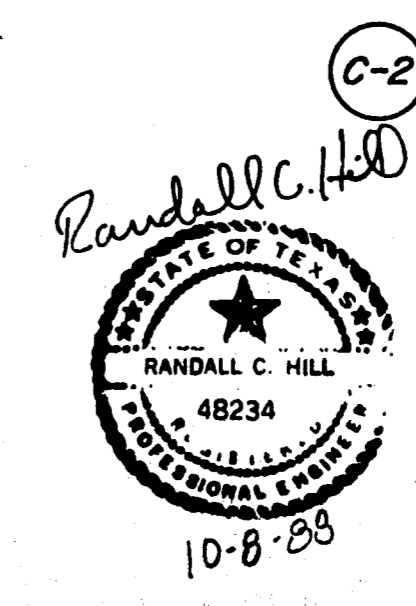


**OAKS NORTH DRIVE - CURVE DATA**

CURVE 1	CURVE 2	CURVE 3	CURVE 4	CURVE 5
$\Delta = 15^{\circ}45'23"$	$\Delta = 42^{\circ}06'00"$	$\Delta = 6^{\circ}43'34"$	$\Delta = 39^{\circ}14'51"$	$\Delta = 11^{\circ}27'33"$
$R = 100.0'$	$R = 115.0'$	$R = 115.0'$	$R = 100'$	$R = 230.0'$
$T = 13.84'$	$T = 38.49'$	$T = 5.87'$	$T = 35.66'$	$T = 10.03'$
$L = 27.50'$	$L = 84.5'$	$L = 13.5'$	$L = 68.5'$	$L = 46.0'$

**QUANTITIES**

ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	126	LF
104.2	REMOVING OLD PAVEMENT	343	SY
360.2	8" REINF. CONC. PVMT.	243	SY
360.4	6" INTEGRAL CONC. CURB	320	LF
482.1	UNDERGROUND IRRIG. SLEEVES	50	LF
530.1	CONC. SIDEWALK-4" THICK	67	SY
530.3	PAVERS	5	SY
674.2	4" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE)	30	EA



**RECORD DRAWING**

No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS <b>MISC. PAVEMENT IMPROVEMENTS</b> <b>OAKS NORTH DRIVE</b>			
<b>GINN, INC.</b> Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - GAP	Date - JAN., 1988	Job No. - 67372
Approved - HWG	Checked - RCH	Scale - 1"=10'	Sheet 2 of 16



GENERAL NOTES - MIDWAY ROAD IMPROVEMENTS

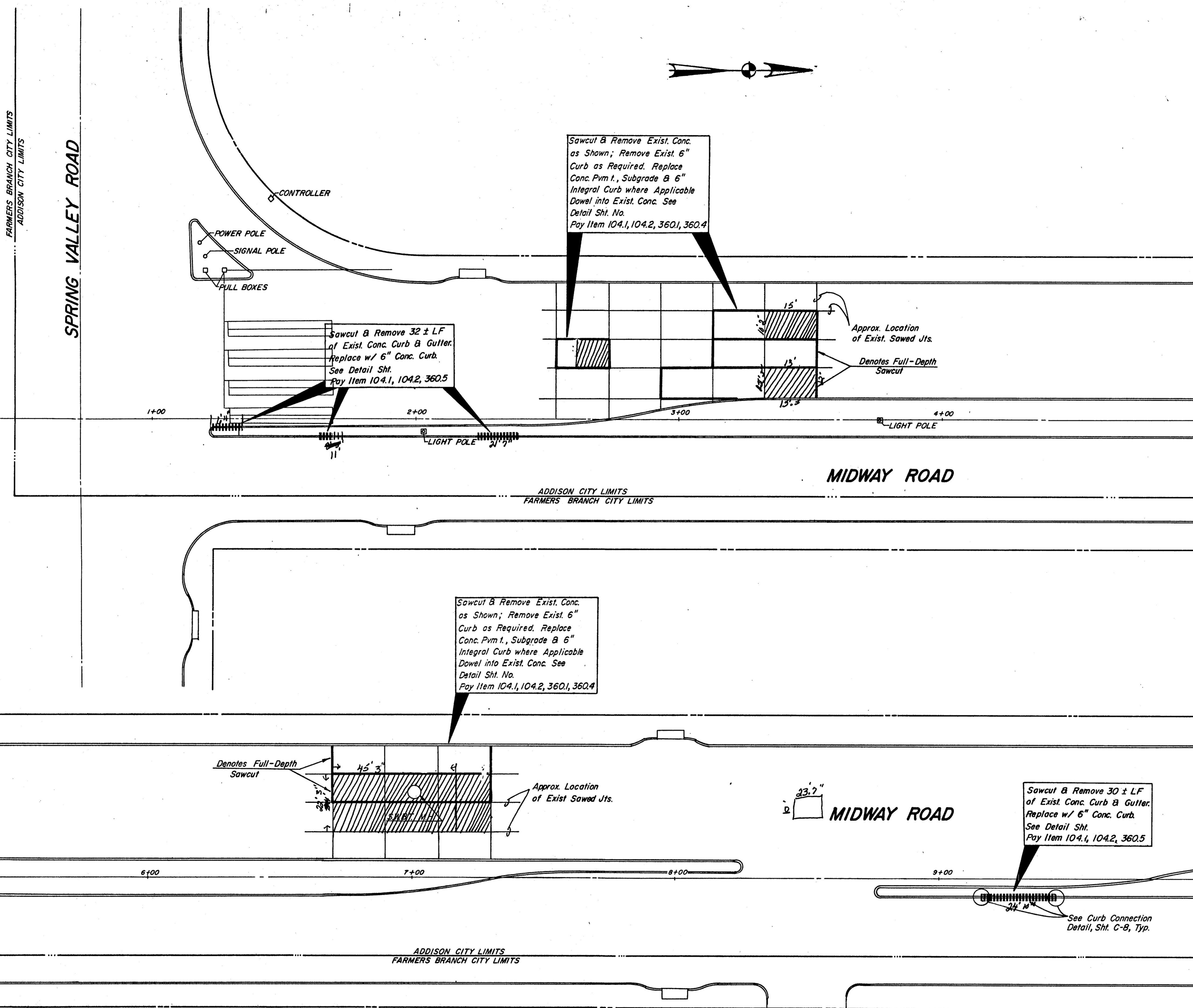
- Prior to start, Contractor shall notify TU Electric crews to remove street light wires from the conduit. Contractor shall be responsible for repairing and replacing any TU Electric FVC conduit damaged during construction. He shall pay TU Electric for costs of labor for reinstalling the wire and damage to poles, bases and hand holes caused by his work. Contact Steve White at 323-8921 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.
- Traffic loops and pull boxes have been located on the plans to provide general information to the contractor. Contractor should use extreme care in removing concrete pavement so as not to damage traffic signal loops or wire. Any needed repairs to loops or pull boxes shall be done by a Town approved signal contractor.
- 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. Where trees are in the narrow sections of the median, use of a narrow form is recommended (2x12) to allow for a minimum of excavation and disturbance to landscape. The Landscape Dept. shall be advised of sprinkler changes that might effect 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 within a reasonable time. 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 Rd (3000 PSI in 48 Hours).
- Buttons and road markings must be protected from equipment.
- All concrete landscape headers shall be removed.
- The General Contractor must have a superintendent from his office onsite at all times for the work along Midway Road.
- Contractor shall maintain a minimum of two lanes of free flowing traffic for northbound and southbound traffic at all times.
- Contractor shall confine blocking of any lanes of traffic and major construction activities to between 9:30 a.m. and 3:30 p.m.
- Contractor shall contact the following representatives prior to beginning his work on Midway Road.  
 TU Electric - Steve White, 323-8921  
 Lone Star Gas - Leon Weatherford, 487-3808  
 Southwestern Bell - Bob Zechman, 739-7643  
 Storer Cable - Rudy Fernandez, 840-2288
- 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 1 to 3 percentage points over optimum moisture as determined by AASHTO standard methods.
- If length of removal of curb and gutter falls within 3 feet of a sawed joint, then the removal shall be extended to the sawed joint.

STA. 0+00 BEGIN THIS PROJECT

MATCH LINE STA. 5+00

MATCH LINE STA. 5+00

MATCH LINE STA. 10+00



Sawcut & Remove Exist. Conc. as Shown; Remove Exist. 6" Curb as Required. Replace Conc. Pvm't., Subgrade & 6" Integral Curb where Applicable Dowel into Exist. Conc. See Detail Sht. No. Pay Item 104.1, 104.2, 360.1, 360.4

Sawcut & Remove Exist. Conc. as Shown; Remove Exist. 6" Curb as Required. Replace Conc. Pvm't., Subgrade & 6" Integral Curb where Applicable Dowel into Exist. Conc. See Detail Sht. No. Pay Item 104.1, 104.2, 360.1, 360.4

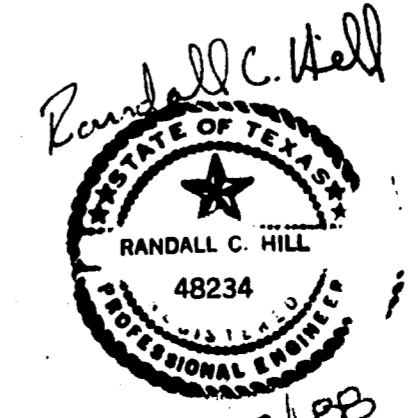
Sawcut & Remove 32 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 30 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

QUANTITIES

ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	520	LF
104.2	REMOVING OLD PAVEMENT	366	SY
360.1	10" REINF. CONC. PAVEMENT	356	SY
360.4	6" INTEGRAL CONC. CURB	90	LF
360.5	6" DOWELED CURB & GUTTER	62	LF
674.1	4" TRAF. BUTTON, WHITE (NON-REFLECTIVE)	28	EA
674.2	4" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE)	8	EA

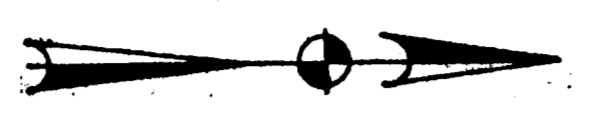
RECORD DRAWING



C-3

No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
<b>MISC. PAVEMENT IMPROVEMENTS</b>			
MIDWAY ROAD STA. 0+00 to STA. 10+00			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - DEM	Date - JULY, 1988	Job No. - 87372
Approved - HWG	Checked - RCH	Scale - 1"=20'	Sheet 3 of 16

1.0 Ro

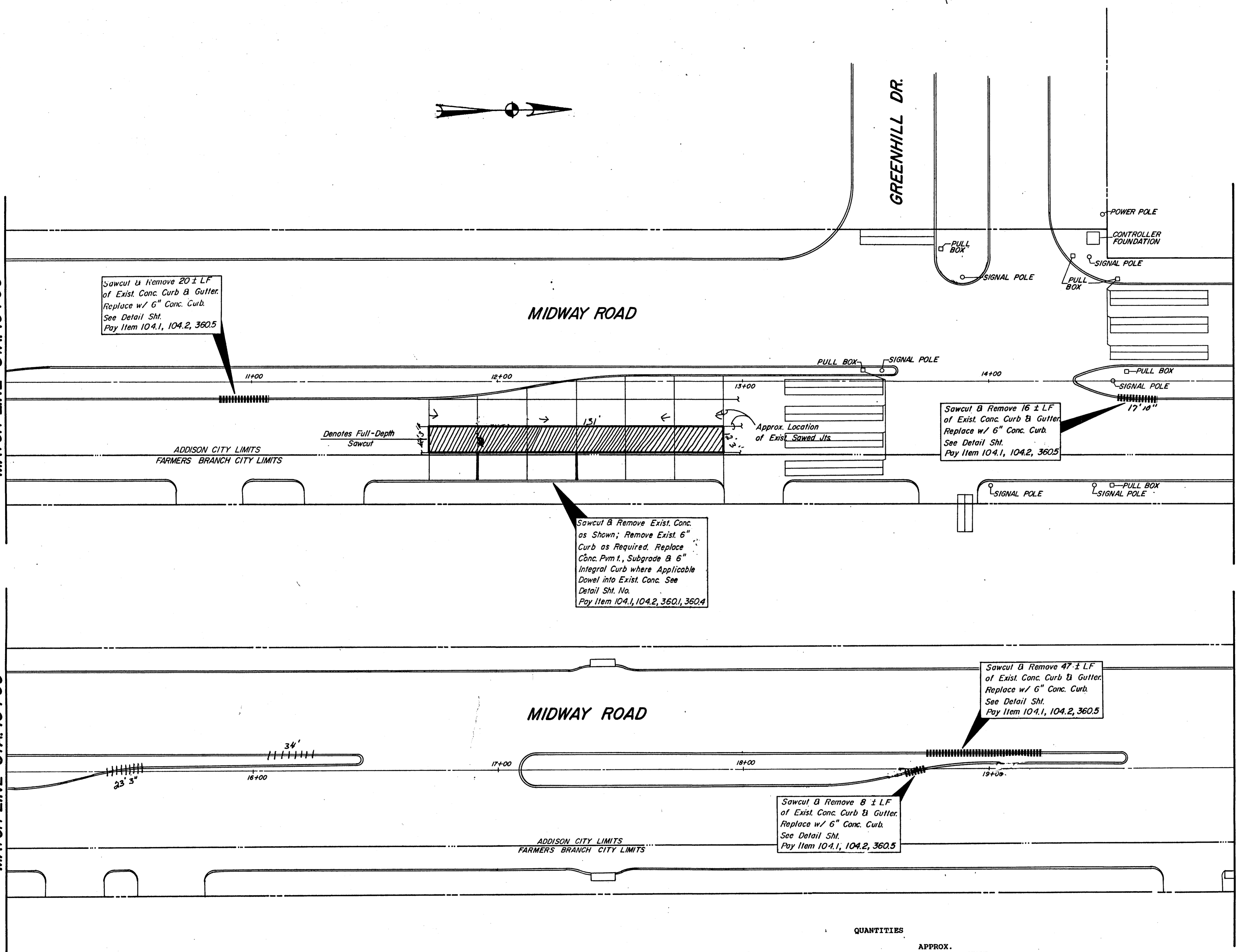


MATCH LINE STA. 10+00

MATCH LINE STA. 15+00

MATCH LINE STA. 15+00

MATCH LINE STA. 20+00



Sawcut & Remove 20 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 16 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

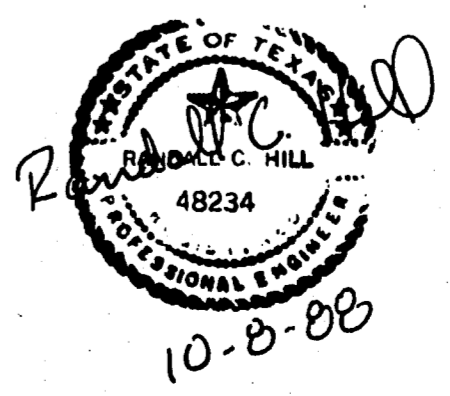
Sawcut & Remove Exist. Conc. as Shown; Remove Exist. 6" Curb as Required. Replace Conc. Pvm 1, Subgrade & 6" Integral Curb where Applicable Dowel into Exist. Conc. See Detail Sht. No. Pay Item 104.1, 104.2, 360.1, 360.4

Sawcut & Remove 47 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 8 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

QUANTITIES

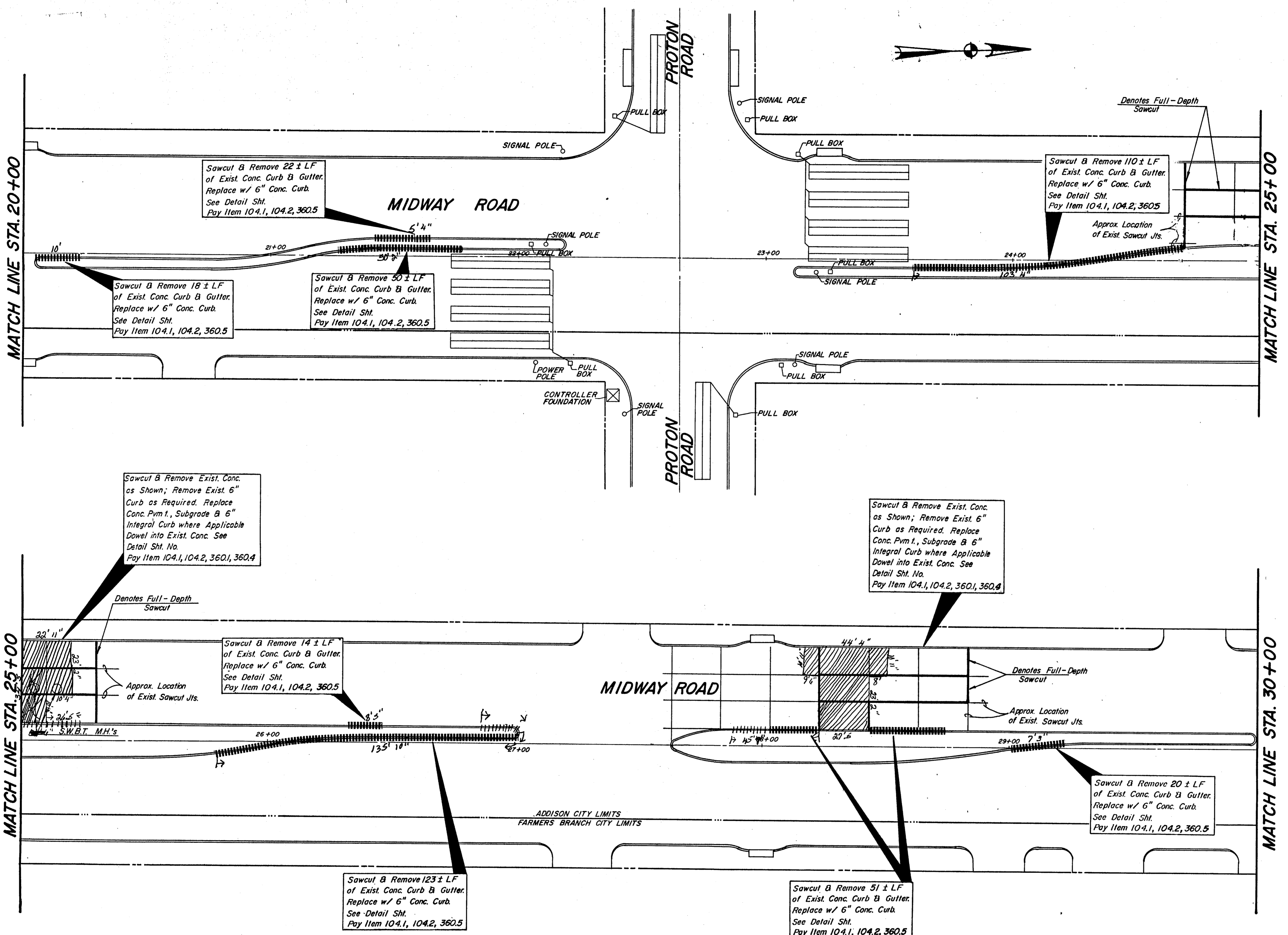
ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	400	LF
104.2	REMOVING OLD PAVEMENT	215	SY
360.1	10" REINF. CONC. PAVEMENT	200	SY
360.4	6" INTEGRAL CONC. CURB	40	LF
360.5	6" DOWELED CURB & GUTTER	91	LF
674.1	4" TRAF. BUTTON, WHITE (NON-REFLECTIVE)	30	EA
674.2	4" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE)	6	EA



RECORD  
DRAWING

No.		Revision		By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS					
MISC. PAVEMENT IMPROVEMENTS					
MIDWAY ROAD STA. 10+00 to STA. 20+00					
GINN, INC. Consulting Engineers Dallas, Texas					
Designed - RCH	Drawn - DEM	Date - JULY, 1988	Job No. - 87372		
Approved - HWG	Checked - RCH	Scale - 1"=20'	Sheet 4 of 16		





**RECORD DRAWING**

QUANTITIES

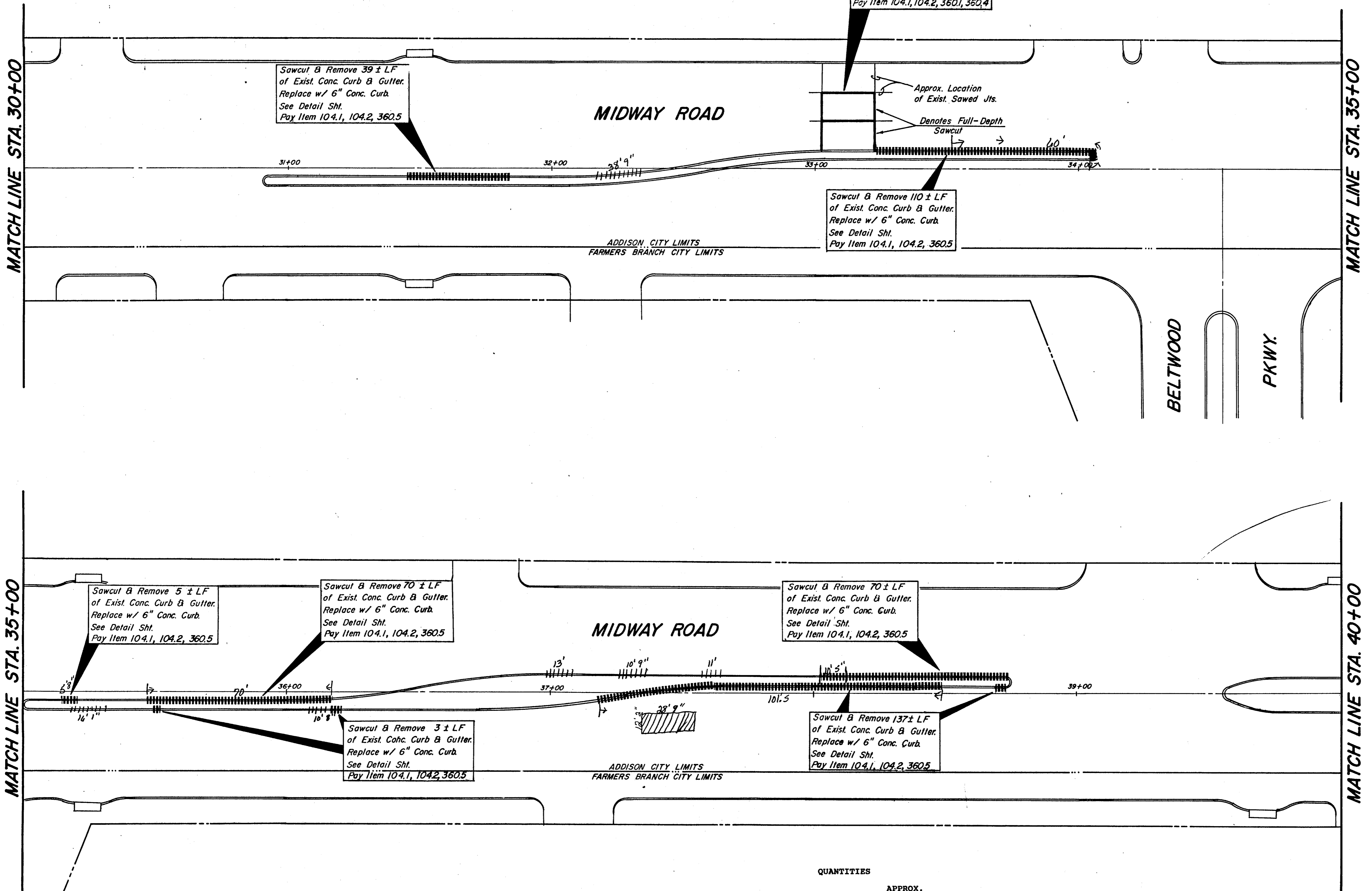
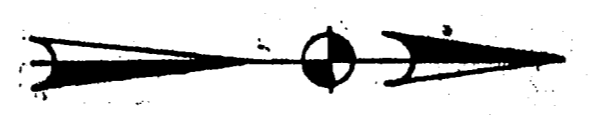
ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	845	LF
104.2	REMOVING OLD PAVEMENT	486	SY
360.1	10" REINF. CONC. PAVEMENT	333	SY
360.4	6" INTEGRAL CONC. CURB	170	LF
360.5	6" DOWELED CURB & GUTTER	439	LF
674.1	4" TRAF. BUTTON, WHITE (NON-REFLECTIVE)	30	EA.
674.2	4" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE)	8	EA.



C-5

No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
MISC. PAVEMENT IMPROVEMENTS			
MIDWAY ROAD STA. 20+00 to STA. 30+00			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - DEM	Date - JULY, 1988	Job No. - 87372
Approved - HWG	Checked - RCH	Scale - 1" = 20'	Sheet 5 of 16

E MET  
 0.75  
 0.25  
 2.0



Sawcut & Remove Exist. Conc. as Shown; Remove Exist. 6" Curb, as Required. Replace Conc. Pvm 1., Subgrade & 6" Integral Curb where Applicable Dowel into Exist. Conc. See Detail Sht. No. Pay Item 104.1, 104.2, 360.1, 360.4

Sawcut & Remove 39 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 110 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 5 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 70 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 70 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 3 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

Sawcut & Remove 137 ± LF of Exist. Conc. Curb & Gutter. Replace w/ 6" Conc. Curb. See Detail Sht. Pay Item 104.1, 104.2, 360.5

QUANTITIES

ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	543	LF
104.2	REMOVING OLD PAVEMENT	124	SY
360.1	10" REINF. CONC. PAVEMENT	51	SY
360.4	6" INTEGRAL CONC. CURB	20	LF
360.5	6" DOWELED CURB & GUTTER	435	LF
674.1	4" TRAF. BUTTON, WHITE (NON-REFLECTIVE)	10	EA
674.2	4" TRAFFIC BUTTON, WHITE (SINGLE REFLECTIVE)	2	EA

**RECORD DRAWING**



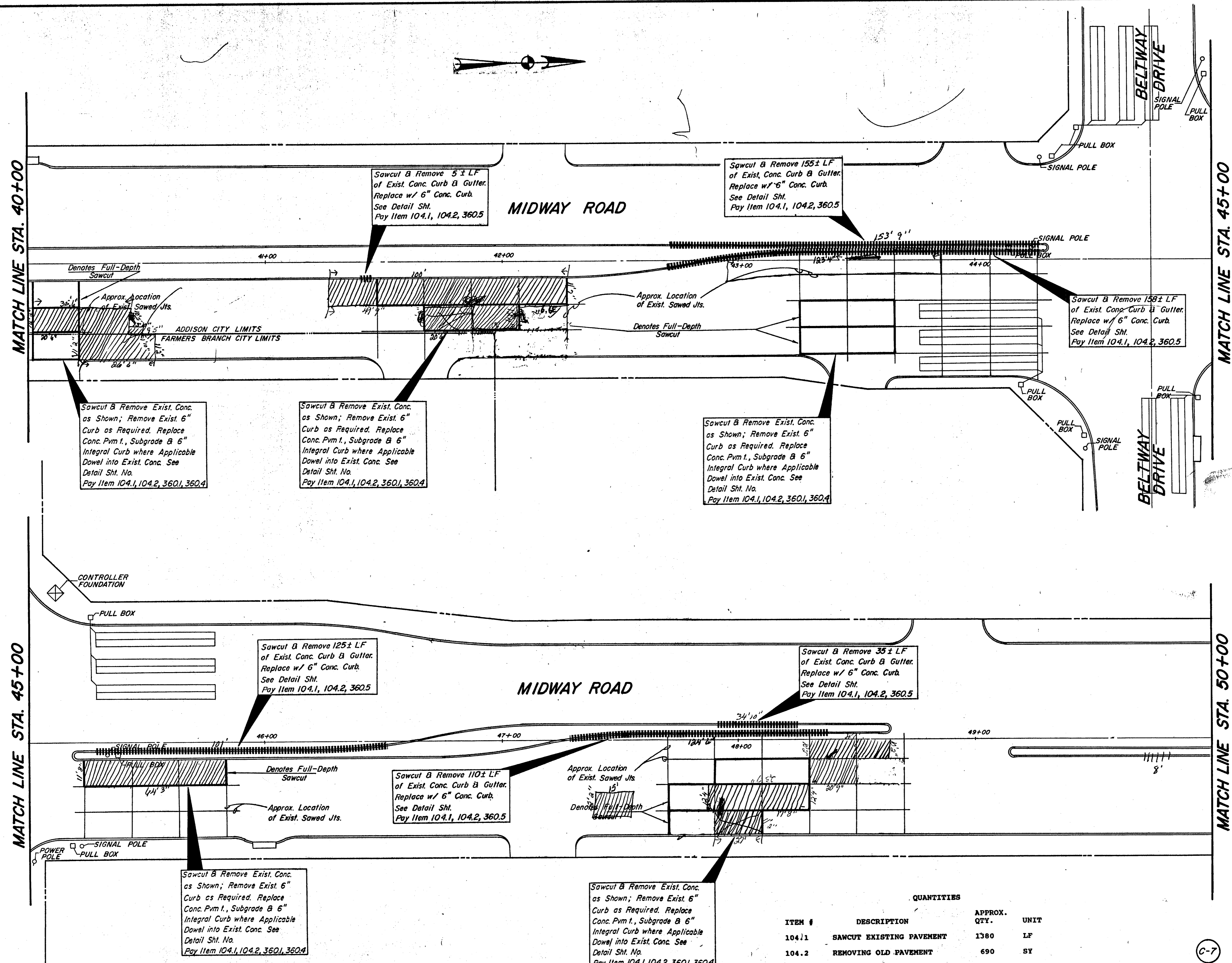
Randall C. Hill  
 10-8-88

C-6

No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
MISC. PAVEMENT IMPROVEMENTS			
MIDWAY ROAD STA. 30+00 to STA. 40+00			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - DEM	Date - JULY, 1988	Job No. - 87372
Approved - HWG	Checked - RCH	Scale - 1" = 20'	Sheet 6 of 16



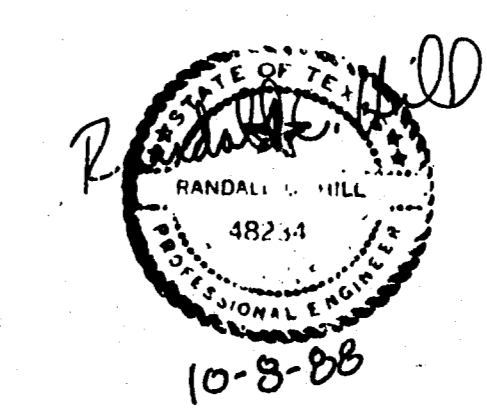
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QUANTITIES

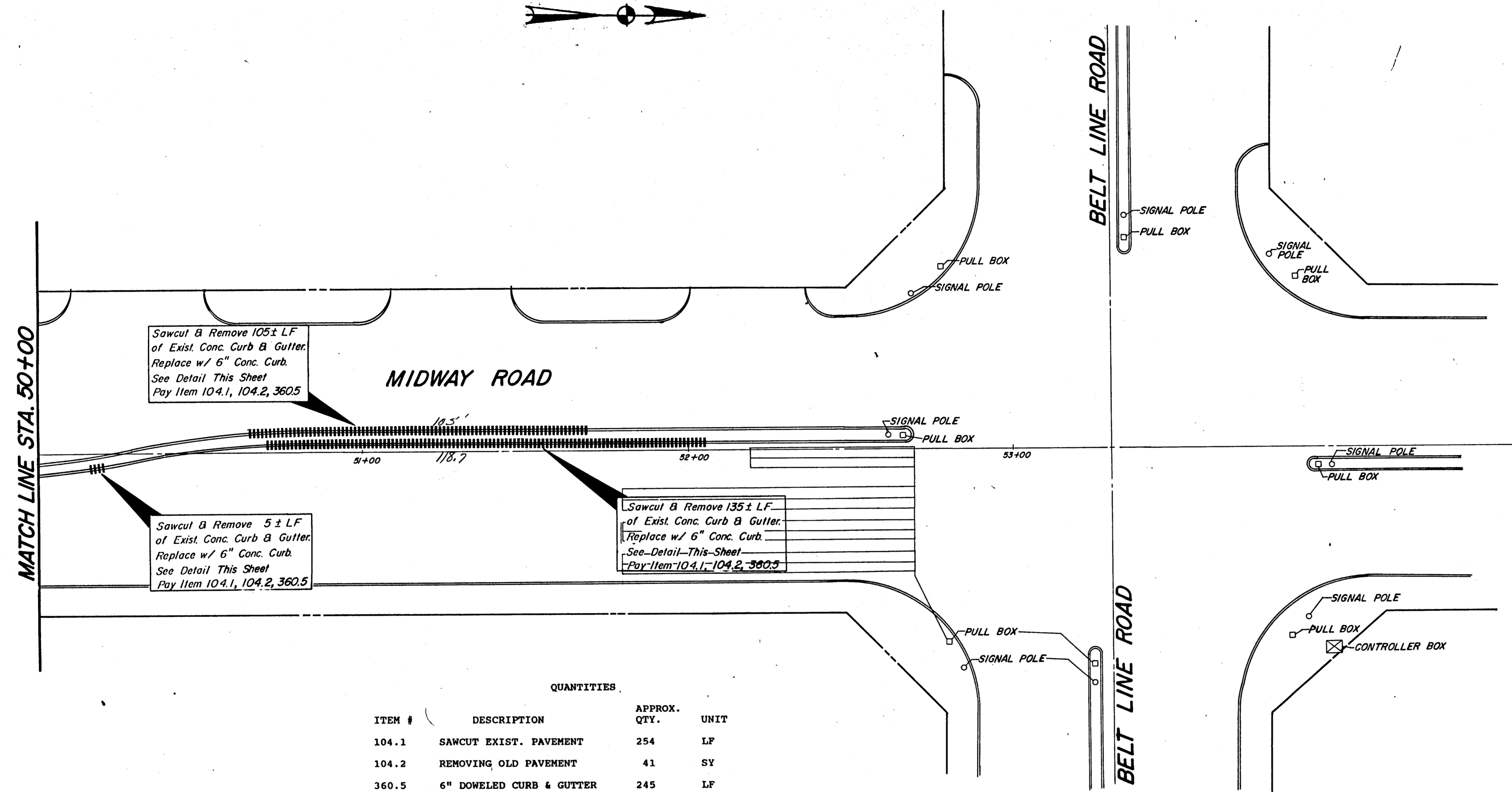
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104.1	SAWCUT EXISTING PAVEMENT	1380	LF
104.2	REMOVING OLD PAVEMENT	690	SY
360.1	10" REINF. CONC. PAVEMENT	592	SY
360.4	6" INTEGRAL CONC. CURB	200	LF
360.5	6" DOWELED CURB & GUTTER	588	LF
674.1	4" TRAF. BUTTON, WHITE (NON-REFLECTIVE)	62	EA
674.2	4" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE, P-18-U)	13	EA
676.2	8" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE, P-18-1-U)	5	EA



C-7

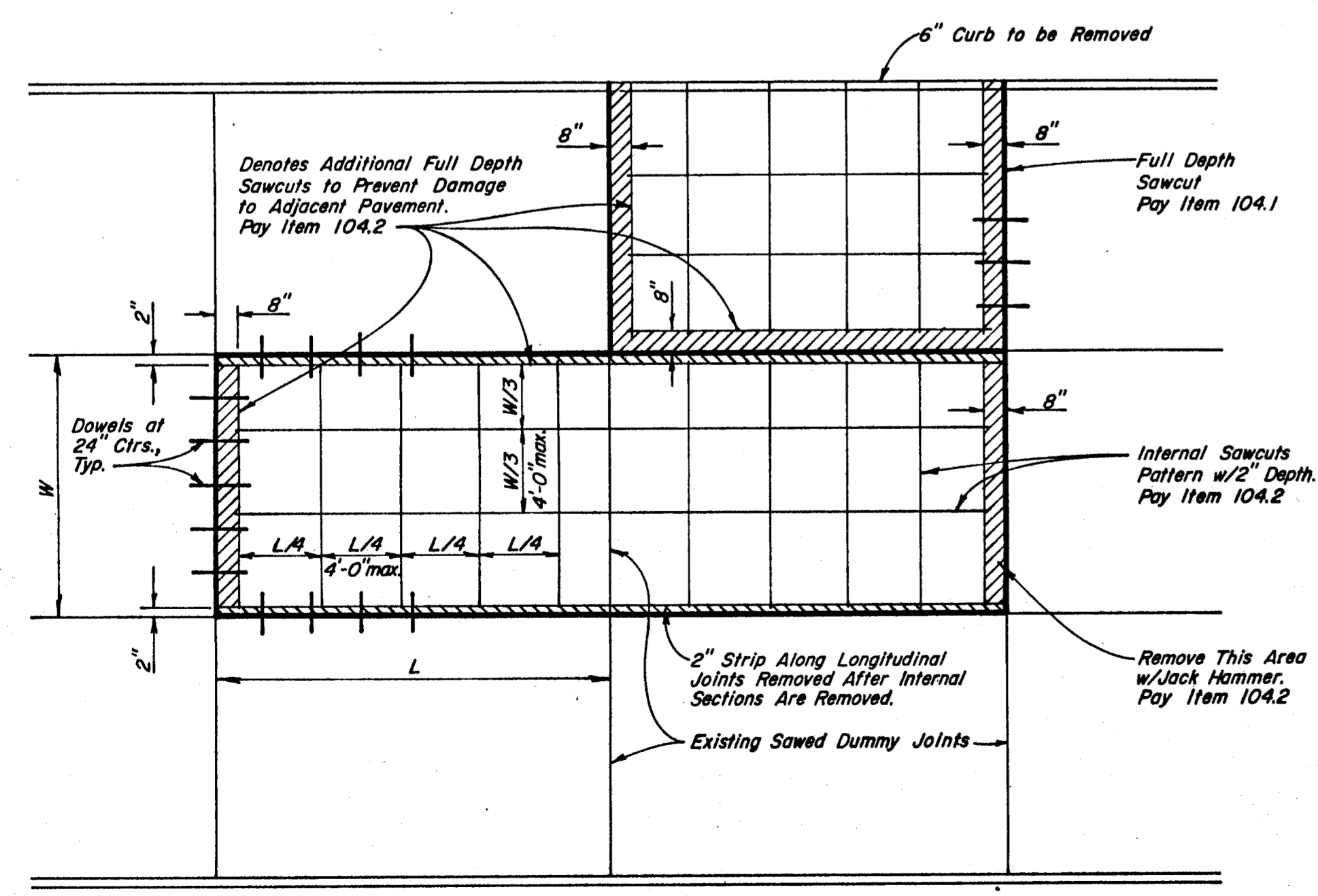
No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS			
<b>MISC. PAVEMENT IMPROVEMENTS</b>			
<b>MIDWAY ROAD</b>			
<b>STA. 40+00 to STA. 50+00</b>			
<b>GINN, INC.</b>			
Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - DEM	Date - JULY, 1988	Job No. - 87372
Approved - HWG	Checked - RCH	Scale - 1" = 20'	Sheet 7 of 16

10.20  
10.20  
10.20

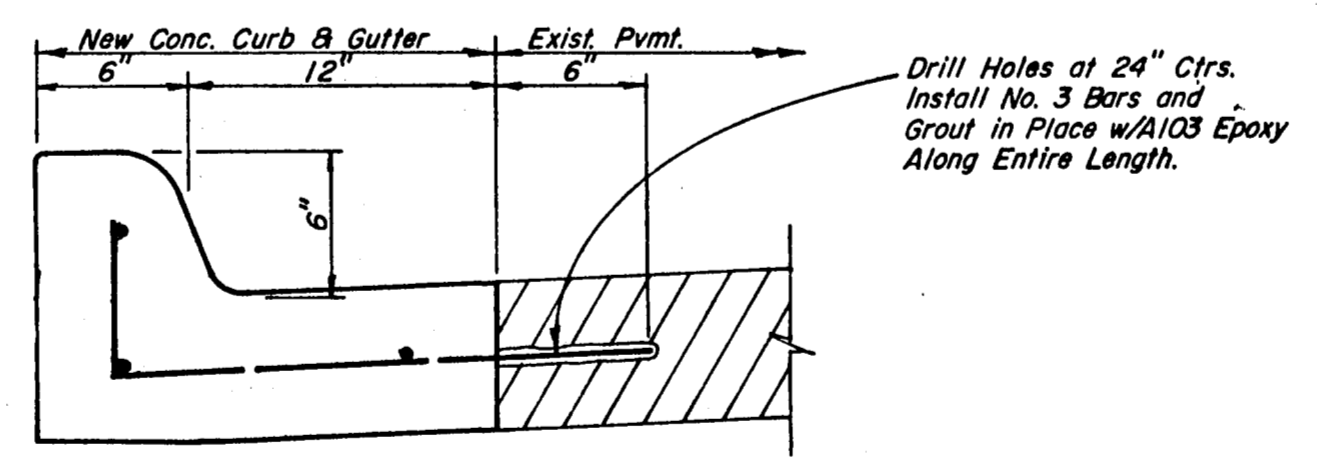


QUANTITIES

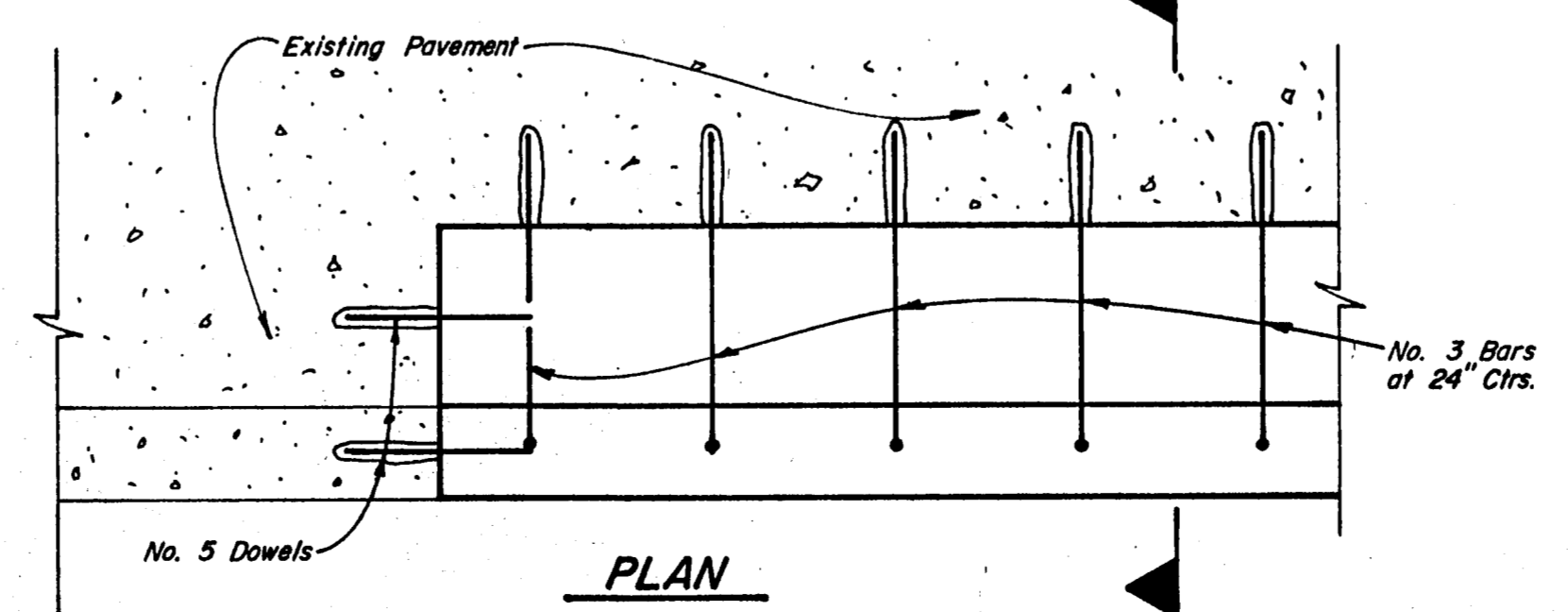
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104.1	SAWCUT EXIST. PAVEMENT	254	LF
104.2	REMOVING OLD PAVEMENT	41	SY
360.5	6" DOWELED CURB & GUTTER	245	LF



**TYPICAL PAVEMENT REMOVAL DETAIL**  
NO SCALE

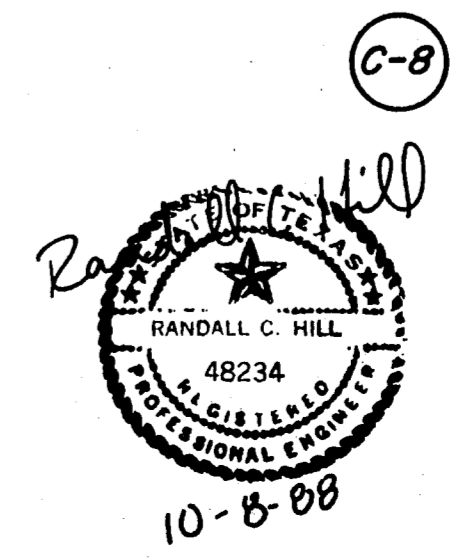


**SECTION**



**CURB CONNECTION DETAIL**  
NO SCALE

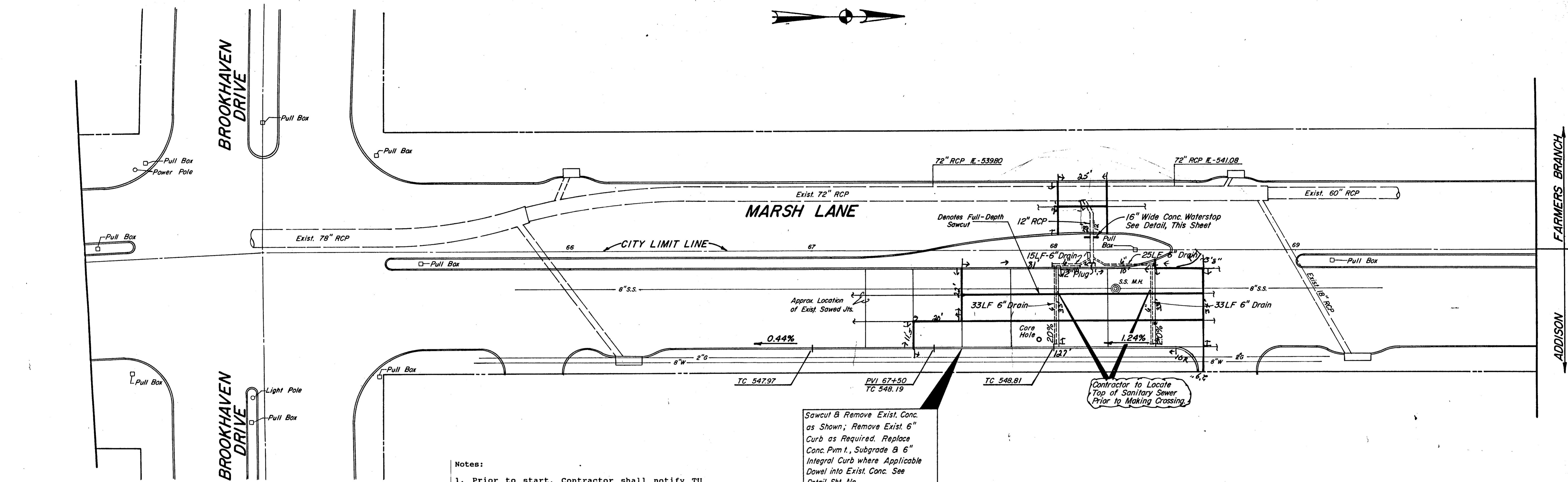
**RECORD DRAWING**



No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS MISC. PAVEMENT IMPROVEMENTS MIDWAY ROAD STA. 50+00 to BELTLINE ROAD GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - DEM	Date - JULY, 1988	Job No. - 87372
Approved - HWG	Checked - RCH	Scale - 1" = 20'	Sheet 8 of 16



3.0  
1.0  
1.0  
RO  
RO



Sawcut & Remove Exist. Conc. as Shown; Remove Exist. 6" Curb as Required. Replace Conc. Pmnt., Subgrade & 6" Integral Curb where Applicable Dowel into Exist. Conc. See Detail Sht. No. Pay Item 104.1, 104.2, 360.1, 360.4

- Notes:
- Prior to start, Contractor shall notify TU Electric to locate their PVC electric conduit. Contractor shall be responsible for any conduit or electrical wire 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 Steve White at 323-8921 prior to beginning work.
  - The City Limit line between Addison and Farmers Branch is the centerline of Marsh Lane. The work for this project involves working within Farmers Branch. The Contractor shall notify Farmers Branch City Engineer (247-3131) prior to beginning his work.
  - 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. The Landscape Dept. shall be advised of sprinkler changes that might effect 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 within a reasonable time.
  - 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 Marsh Lane (3000 PSI in 48 Hours).
  - Buttons and road markings must be protected from equipment. New buttons shall be installed by the Contractor upon completion of the pavement repairs.
  - The General Contractor must have a superintendent from his office onsite at all times for the work along Marsh Lane.
  - Contractor shall maintain a minimum of two lanes of free flowing traffic for northbound and southbound traffic at all times.
  - Contractor shall confine blocking of any lanes of traffic and major construction activities to between 9:30 a.m. and 3:30 p.m.
  - Contractor shall contact the following, representatives prior to beginning his work on Marsh Lane.
    - TU Electric - Steve White, 323-8921
    - Lone Star Gas - Leon Weatherford, 487-3808
    - Southwestern Bell - Bob Zechman, 739-7643
    - Storer Cable - Rudy Fernandez, 840-2288
  - 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 compacted with the same type material found in adjacent subgrade. The material shall be compacted to 95% of Standard Proctor at 1 to 3 percentage points over optimum moisture as determined by AASHTO standard methods.
  - Removal of curb and gutter shall be removed to the nearest sawed joint.

HAYNES, HOLLON & ASSOCIATES, INCORPORATED  
Testing, Inspection & Materials Engineers  
7800 Brookhaven Road, P.O. Box 35481  
Dallas, Texas 75225 (214) 831-4372

DATE: 8/12/88

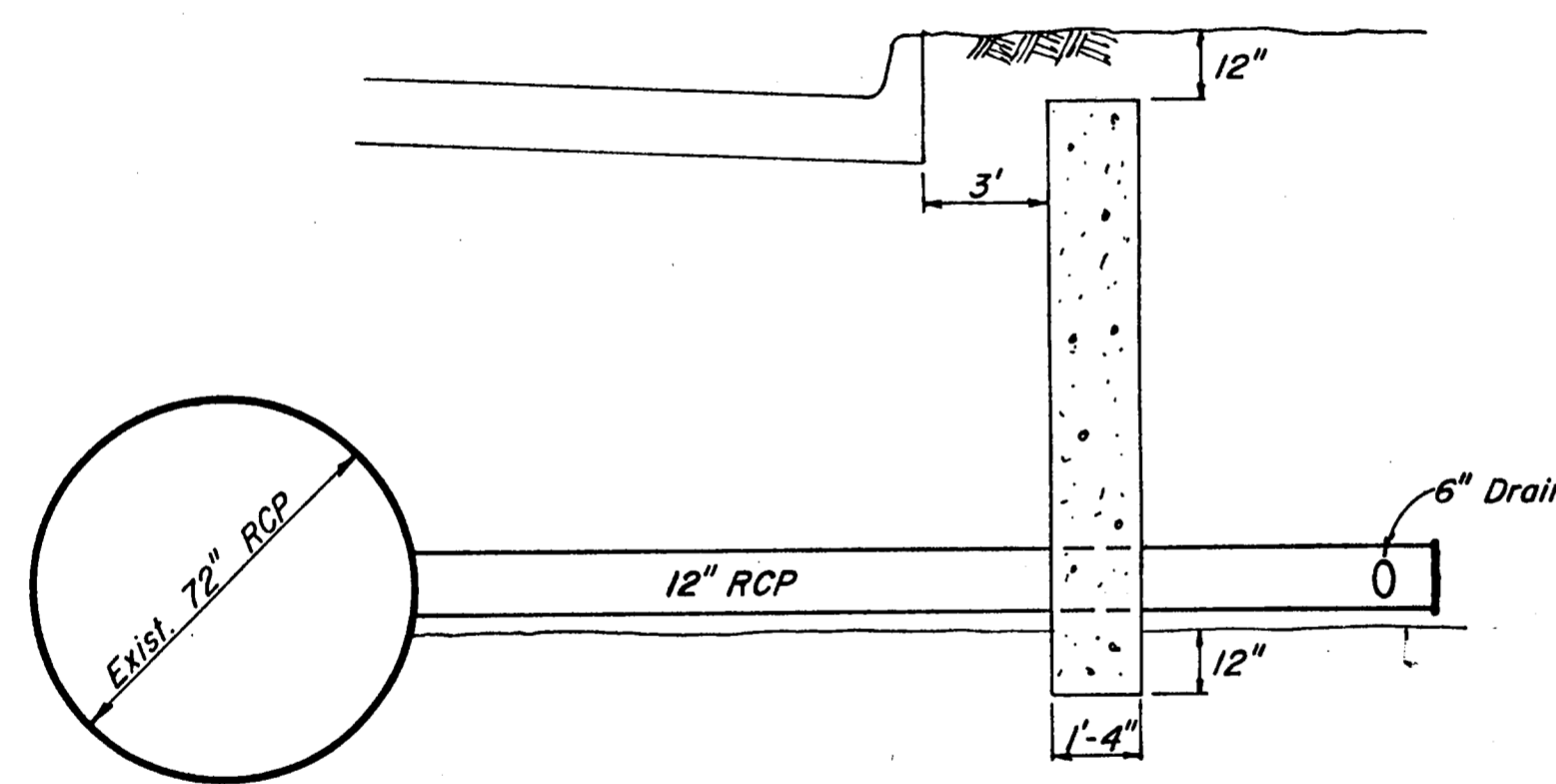
Mr. R. C. Hill, P.E.  
Ginn, Inc.  
17103 Preston Road  
Suite 100, LB-118  
Dallas, Texas 75248

REPORT NO. 1  
JOB NO. 18103

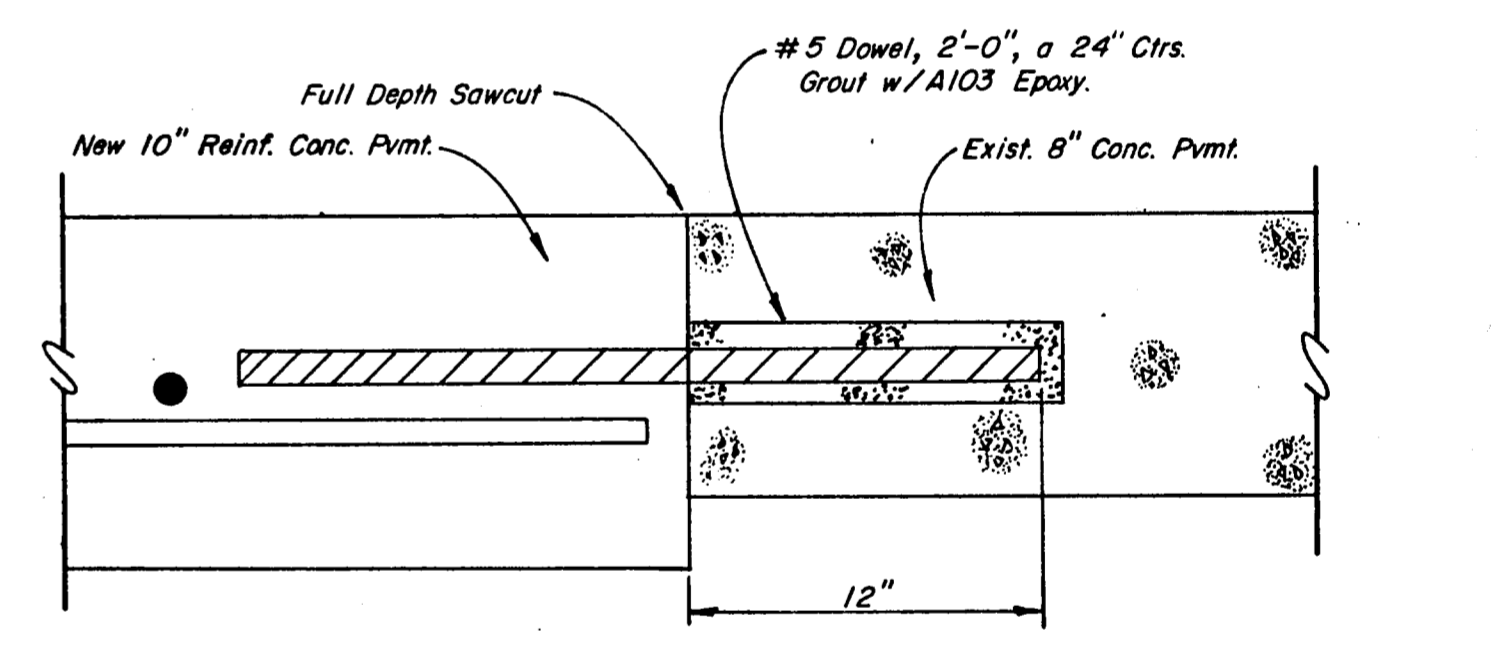
PROJECT: Miscellaneous Pavement Improvements  
Marsh Lane

ATTERBERG LIMITS TEST RESULTS						
Test No.	Date	Soil Description & Sample Location	Depth (in)	FIELD MOISTURE (%)	Liquid Limit (%)	Plasticity Index (PI)
1-N	7/28/88	Dark Gray Clay with Calcareous Nodules - Lime Stabilized	0 - 8	37.2		
2	8/1/88	Dark Gray Clay with Calcareous Nodules - Lime Stabilized	0 - 8		63.3	45.3 18.0
3-N	7/28/88	Dark Gray Clay with Some Calcareous Nodules	8 - 81	34.2		
4	8/1/88	Dark Gray Clay with Some Calcareous Nodules	8 - 81		75.8	27.5 48.3

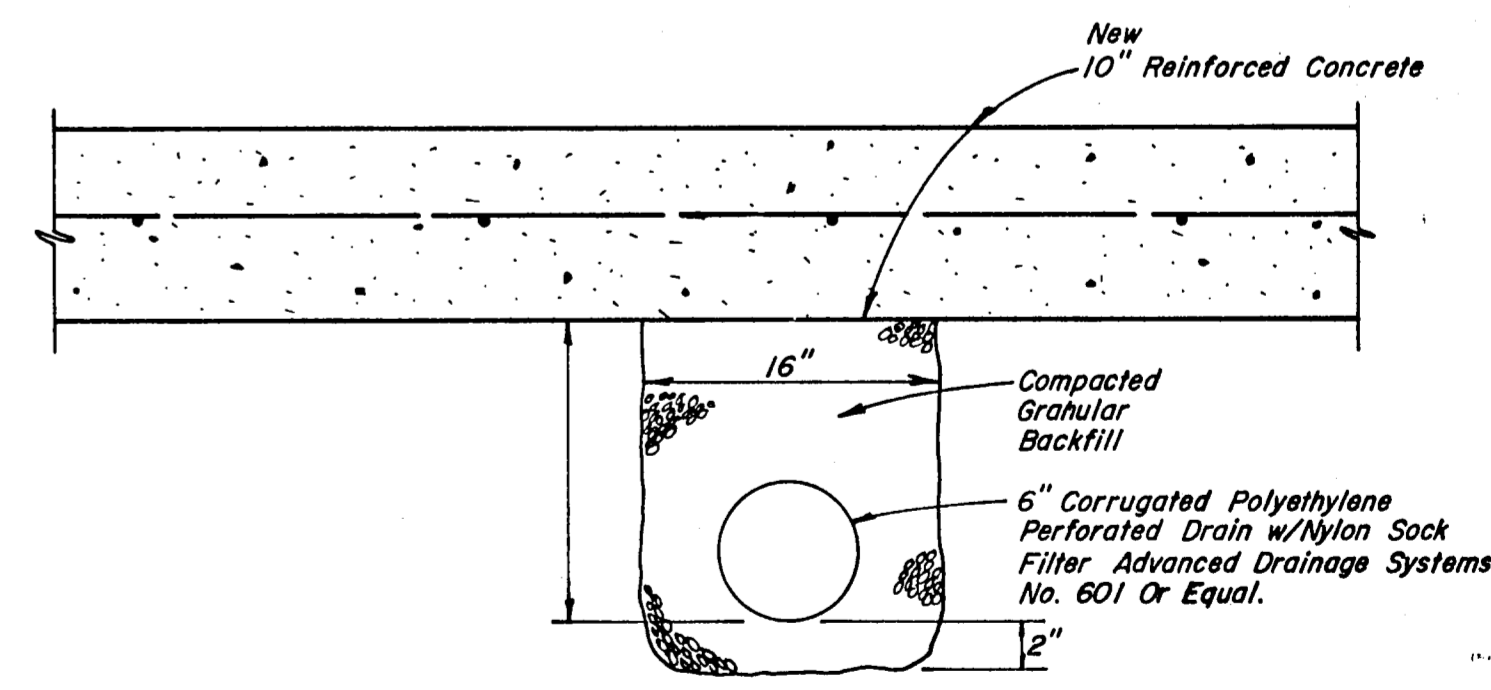
Submitted by: *George V. Hill*



**CONCRETE WATERSTOP DETAIL**  
NO SCALE



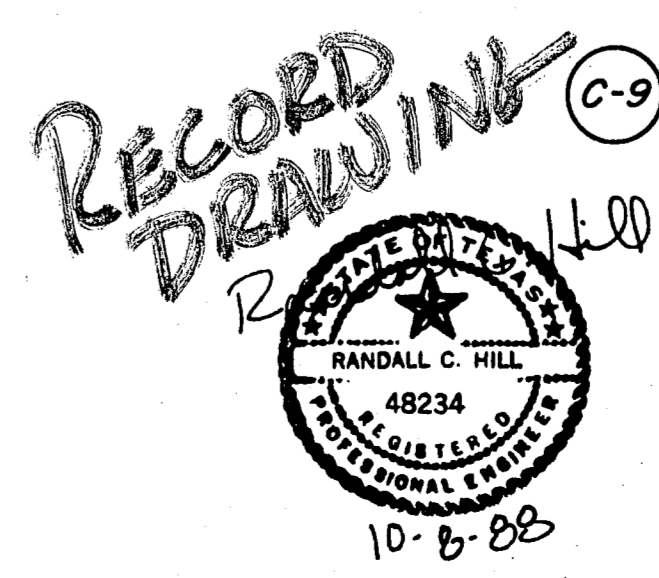
**DOWEL DETAIL**  
N.T.S.



**6" PERFORATED PIPE DETAIL**  
NO SCALE

QUANTITIES

ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	365	LF
104.2	REMOVING OLD PAVEMENT	472	SY
360.1	10" REINF. CONC. PAVEMENT	472	SY
360.4	6" INTEGRAL CONC. CURB	240	LF
556.1	PIPE UNDERDRAINS	133	LF
674.1	4" TRAF. BUTTON, WHITE (NON-REFLECTIVE)	30	EA
674.2	4" TRAF. BUTTON, WHITE (SINGLE REFLECTIVE)	7	EA

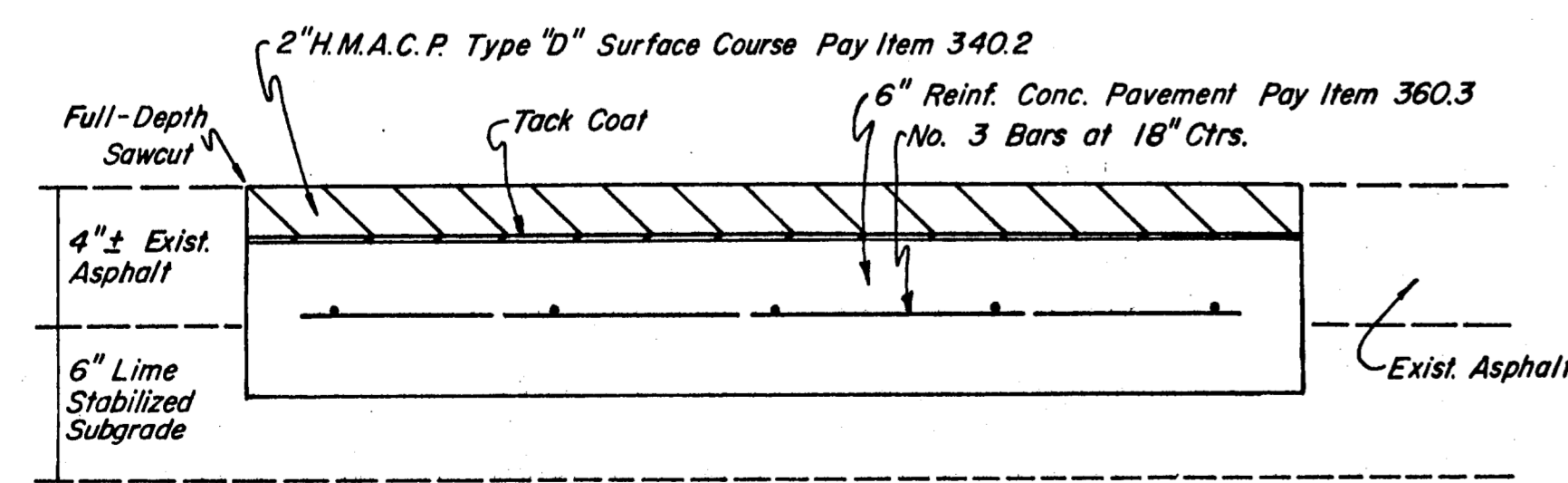
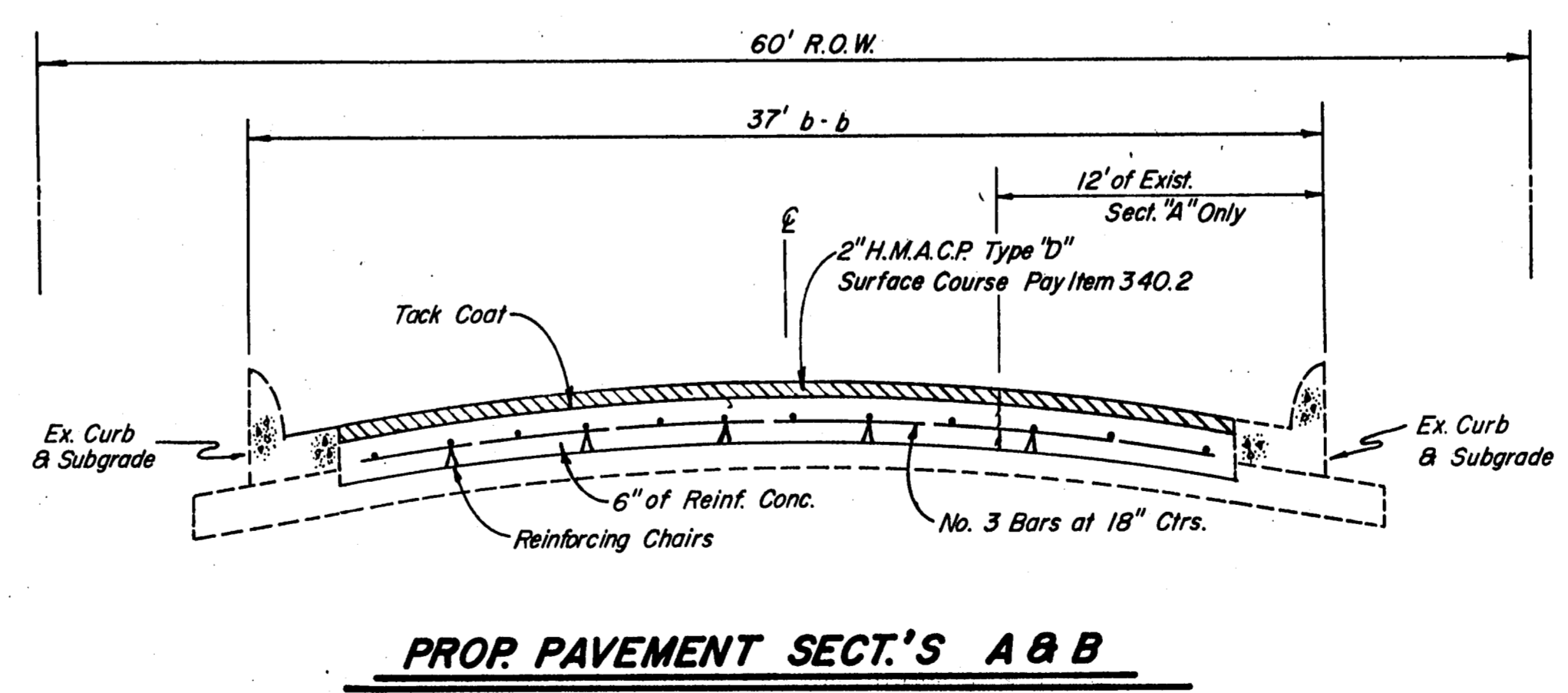
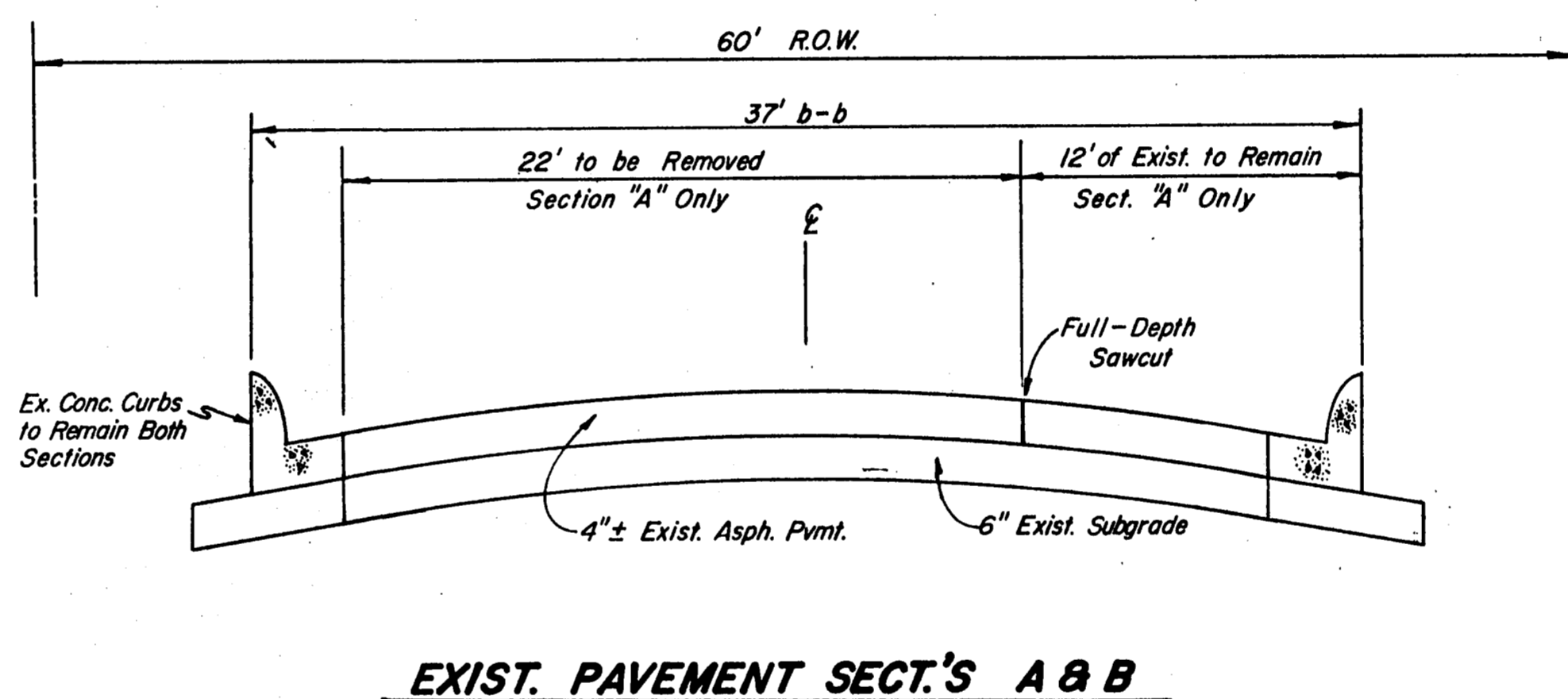
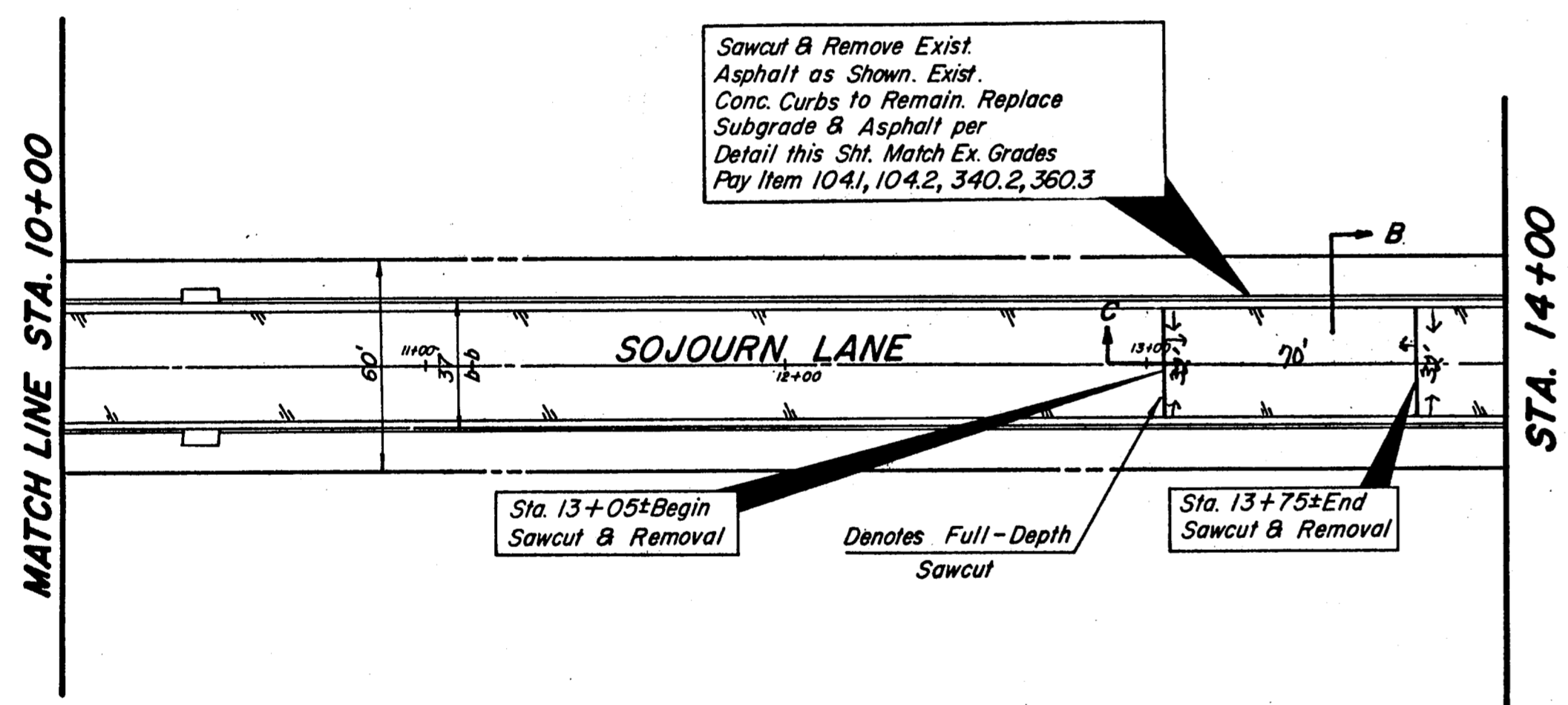
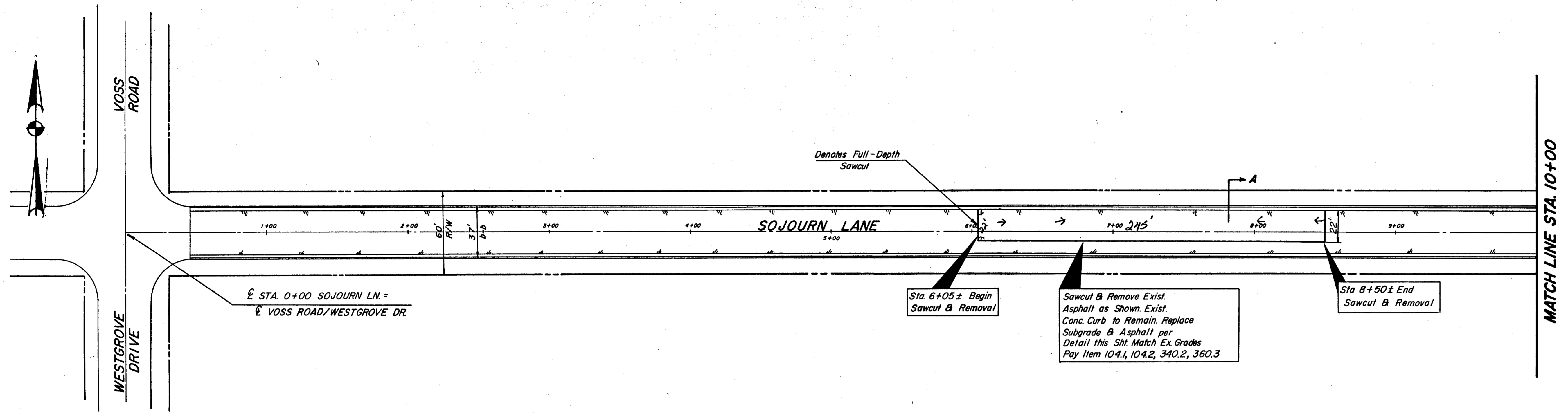


No.	Revision	By	Date

TOWN OF ADDISON  
DALLAS COUNTY, TEXAS  
**MISC. PAVEMENT IMPROVEMENTS**  
**MARSH LANE**

**GINN, INC.**  
Consulting Engineers Dallas, Texas

Designed - RCH Drawn - TEC Date - OCTOBER, 1988 Job No. - 87372  
Approved - HWG Checked - RCH Scale - 1" = 20' Sheet 9 of 16



- Notes:
- After removal of asphalt and 6" subgrade, contractor shall roll soil to locate any soft areas. Contractor shall notify Engineer of any soft areas immediately. The soft spots shall be excavated and replaced with the same type of material found in adjacent subgrade. The material shall be compacted to 95% of Standard Proctor at 1 to 3 percentage points over optimum moisture as determined by AASHTO standard methods.
  - Within 24 hours of placing the 6" concrete slab under the asphalt, Contractor shall cut transverse sawed joints in concrete 20' on center. A longitudinal sawed joint shall be cut along the centerline of Sojourn Lane the entire length of the concrete. The cost of sawed dummy joints is incidental to the concrete work.

ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SANUCUT EXIST. PAVEMENT	251	LF
104.2	REMOVING OLD PAVEMENT	596	SY
340.2	2" H.M.A.C.P. (TYPE D), SURFACE COARSE, 110#/IN/SY	656	TON
360.3	6" REINF. CONCRETE PAVEMENT	900	SY
674.3	4" TRAF. BUTTON, YELLOW (DOUBLE REFLECTIVE)	212	EA

**RECORD DRAWING**

2010061150

10-8-88

Professional Engineer Seal: RANDALL C. HILL, No. 48234, State of Texas

No.	Revision	By	Date

TOWN OF ADDISON  
DALLAS COUNTY, TEXAS

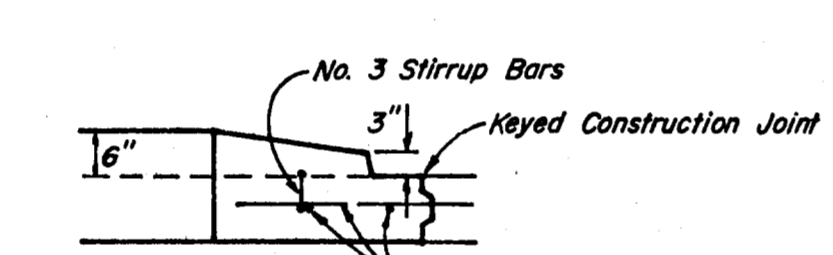
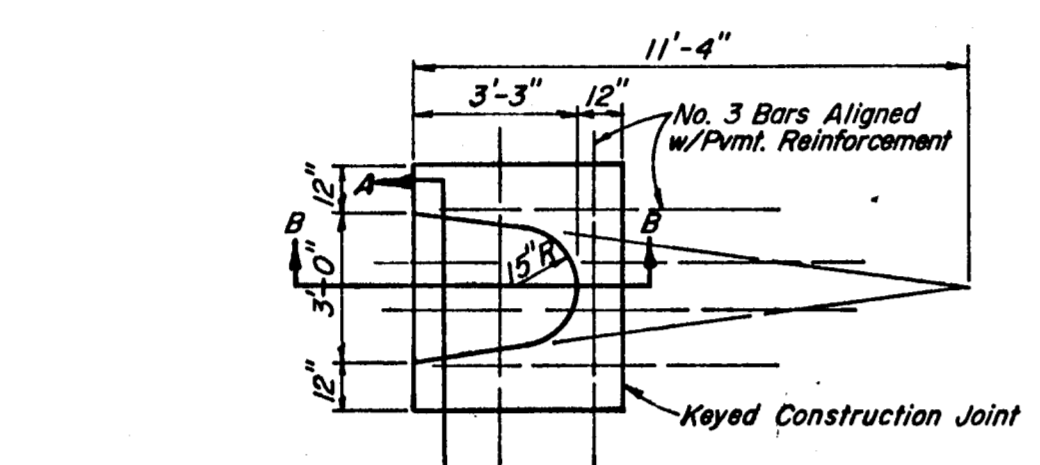
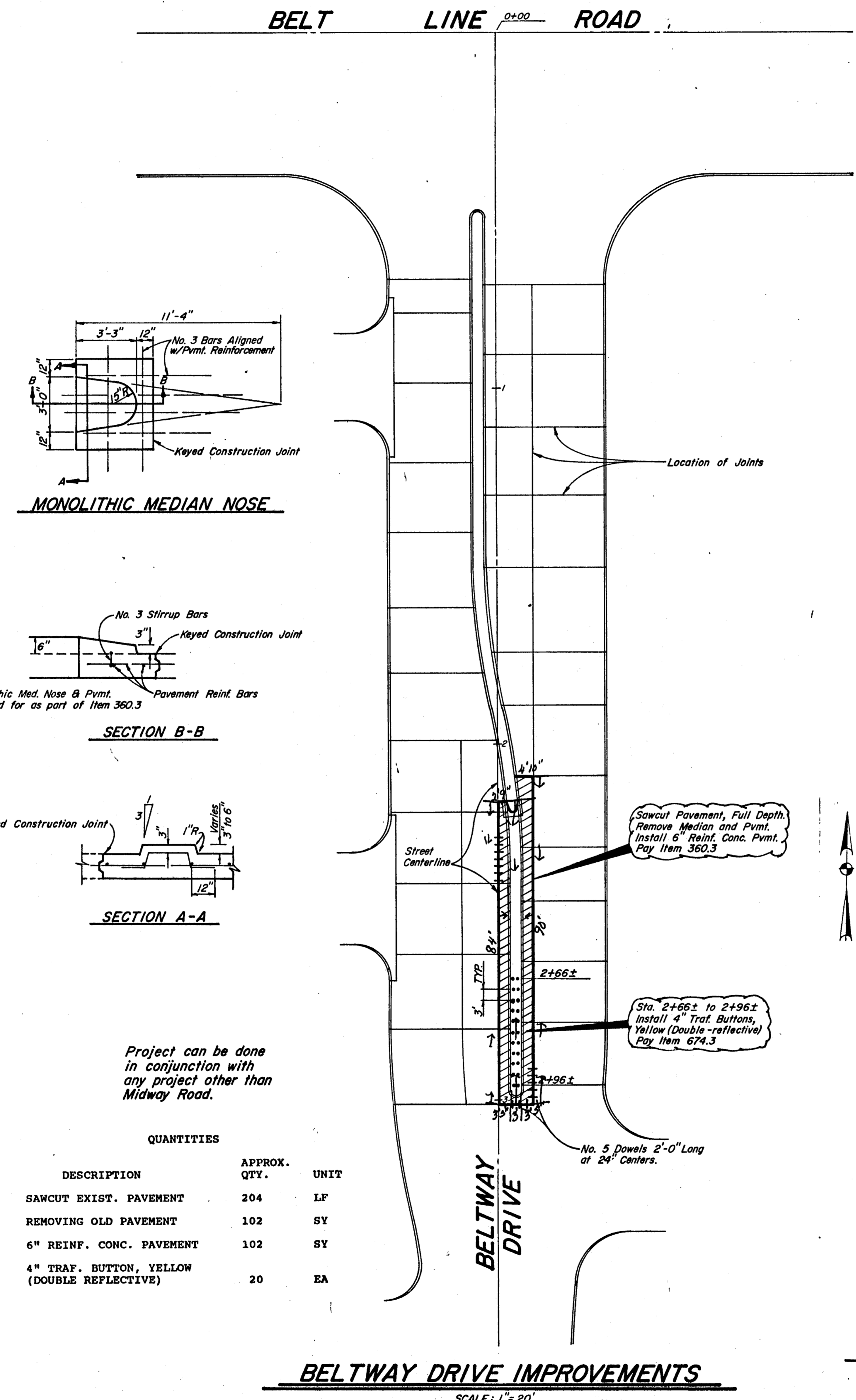
**MISC. PAVEMENT IMPROVEMENTS**

**SOJOURN LANE**

**GINN, INC.**  
Consulting Engineers Dallas, Texas

Designed - RCH Drawn - DEM/RLO Date - JULY, 1988 Job No. - 87372  
Approved - HWG Checked - RCH Scale - 1"=40' Sheet 10 of 16



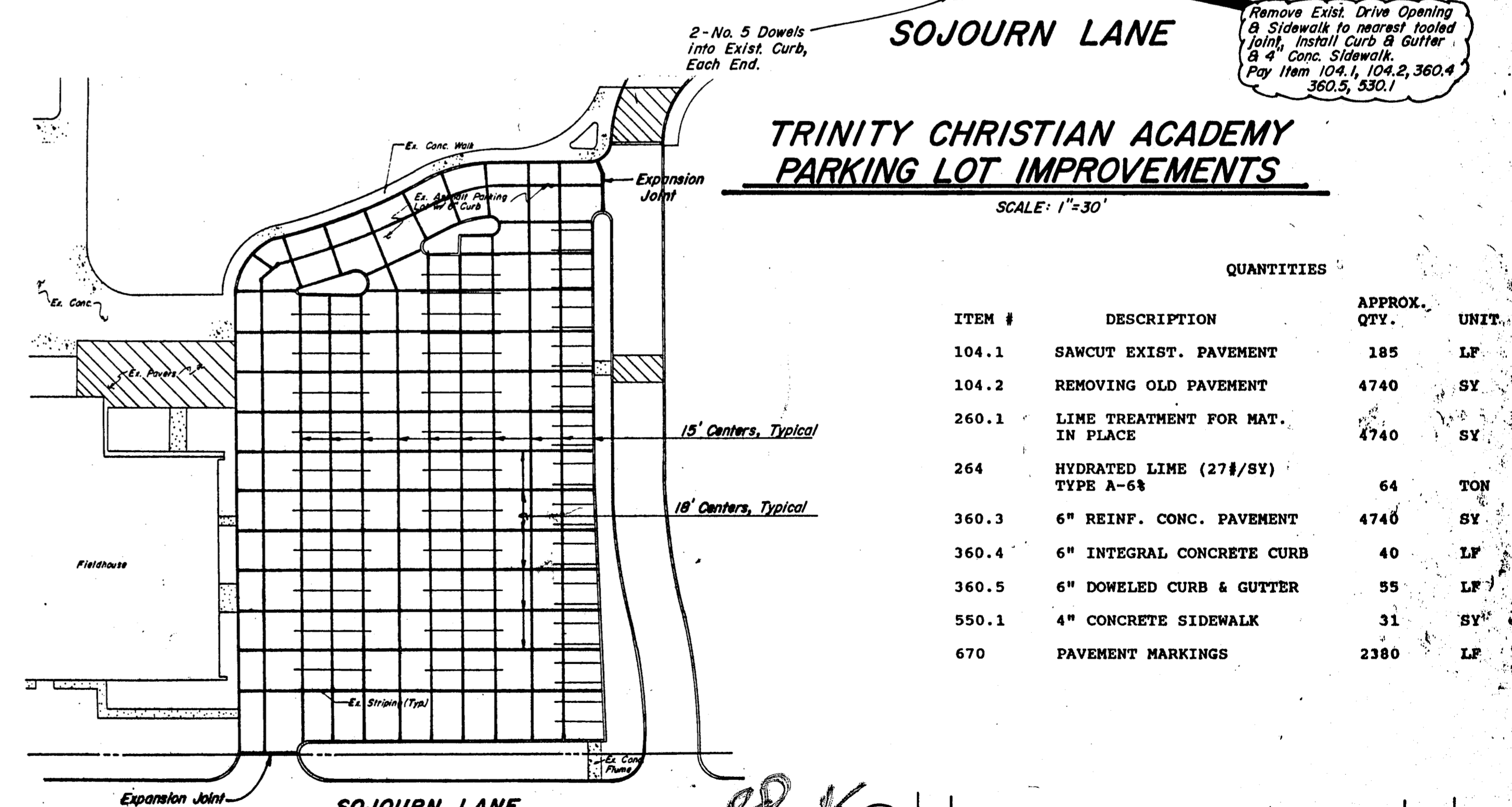
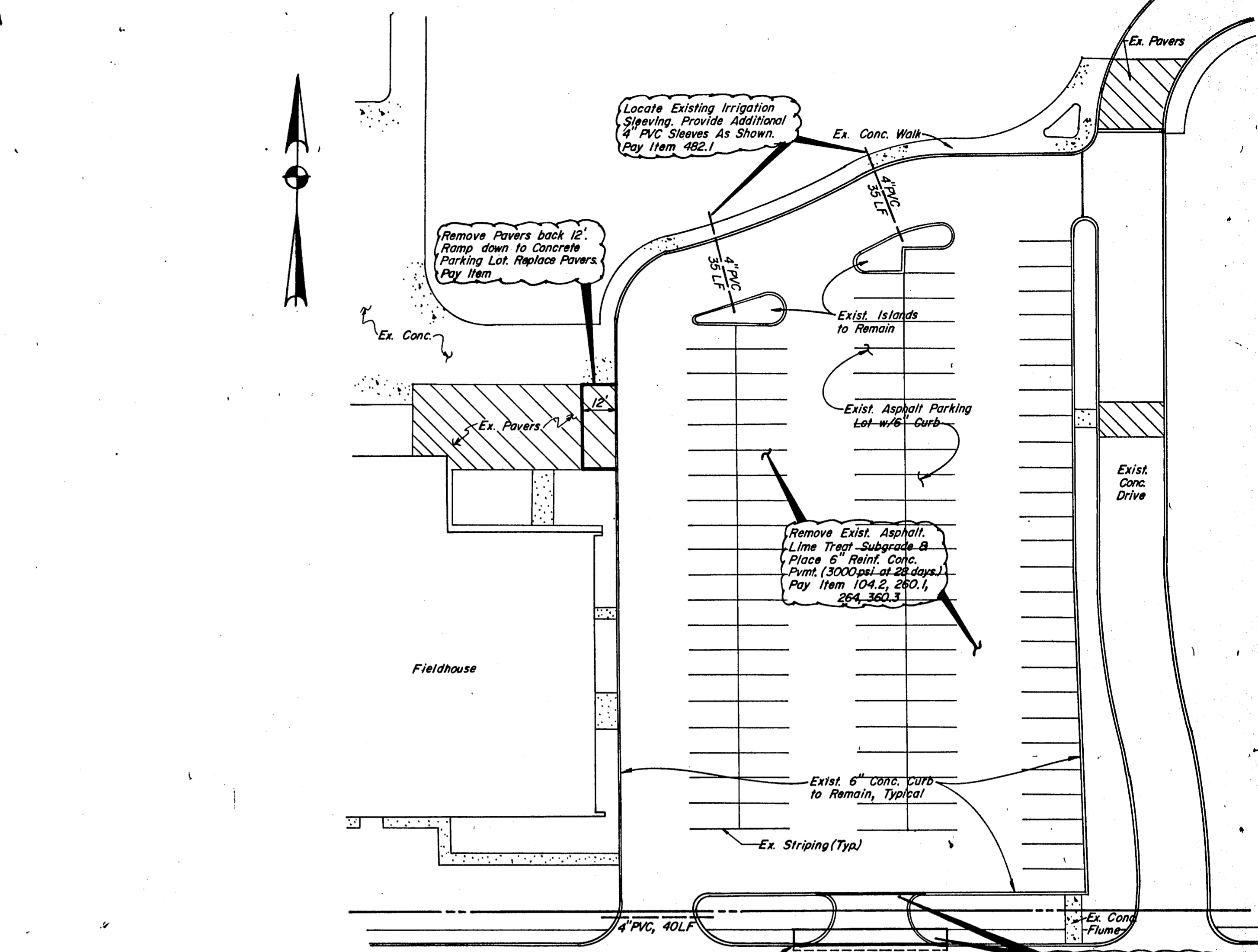


Note: Monolithic Med. Nose & Pvmt. Pavement Reinf. Bars shall be paid for as part of Item 360.3

Project can be done in conjunction with any project other than Midway Road.

ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	204	LF
104.2	REMOVING OLD PAVEMENT	102	SY
360.3	6" REINF. CONC. PAVEMENT	102	SY
674.3	4" TRAF. BUTTON, YELLOW (DOUBLE REFLECTIVE)	20	EA

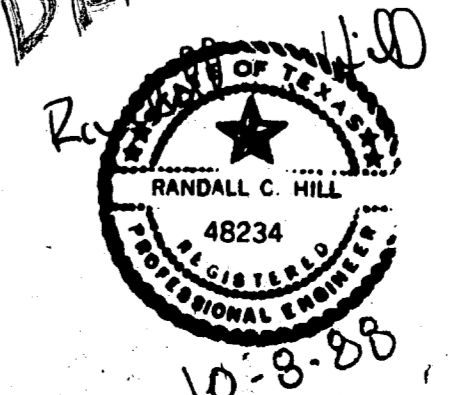
**BELTWAY DRIVE IMPROVEMENTS**  
SCALE: 1"=20'



**T.C.A. PARKING LOT SAWED JOINT LAYOUT**  
NO SCALE

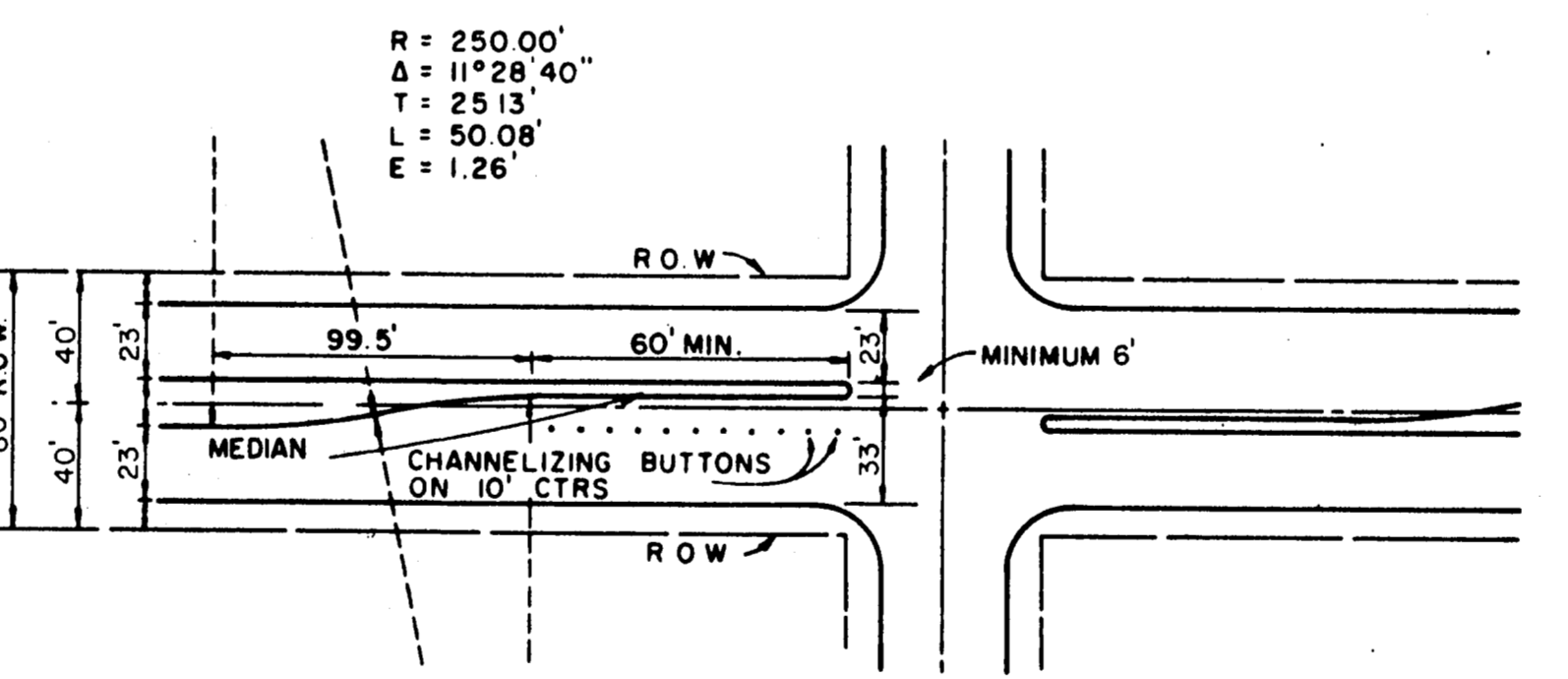
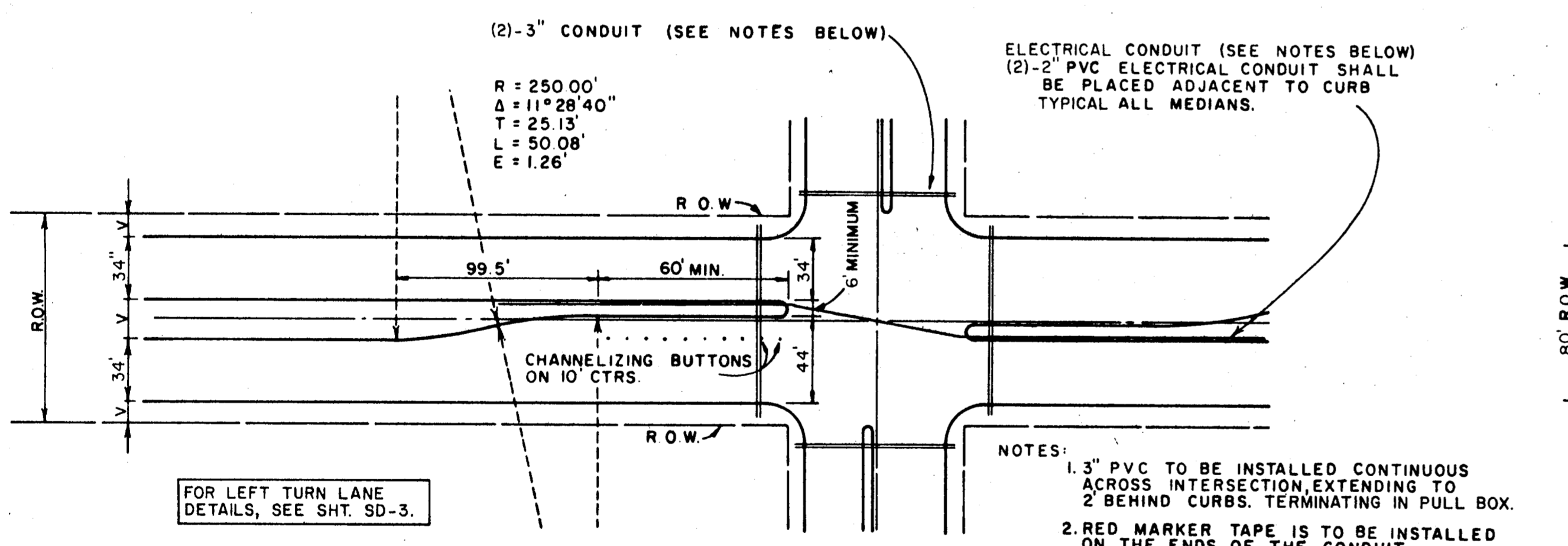
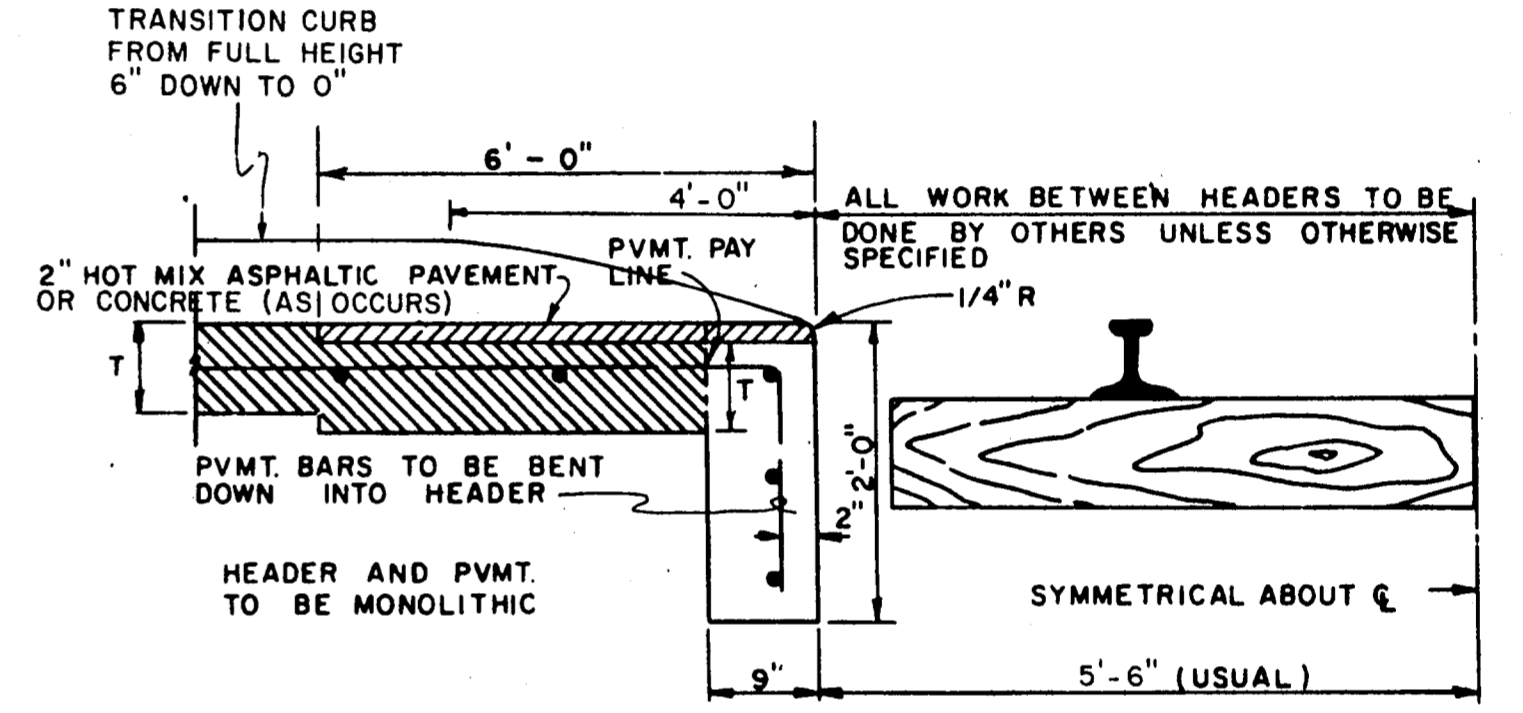
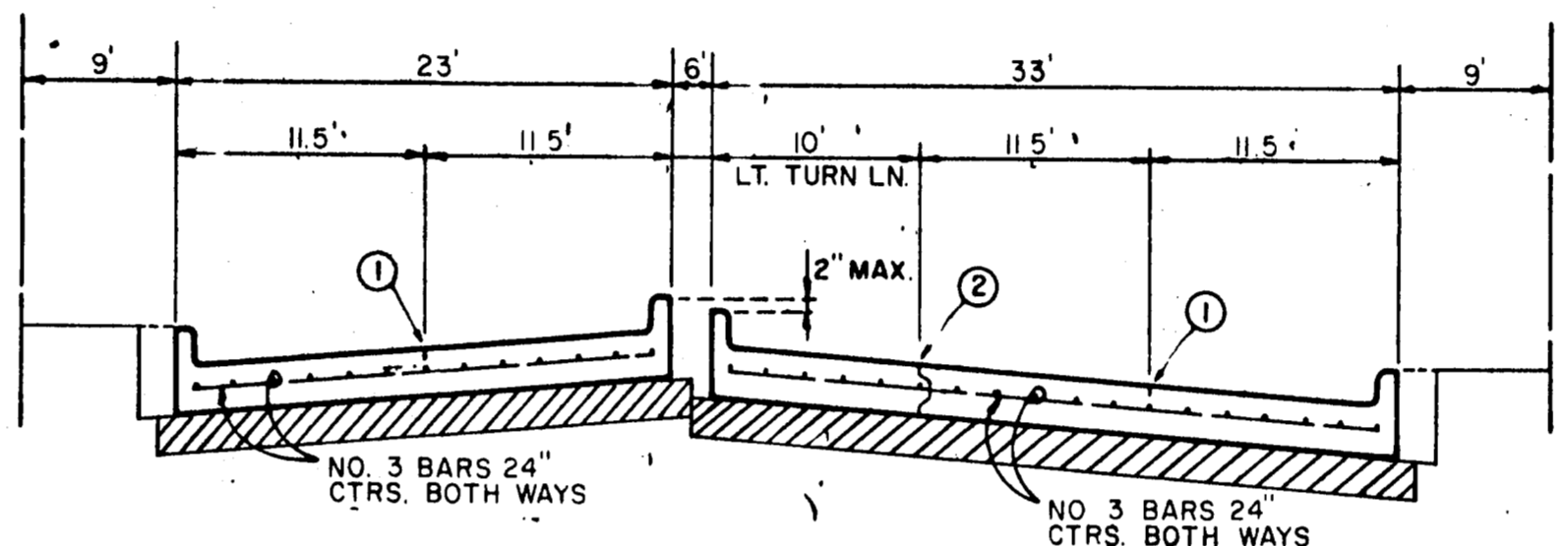
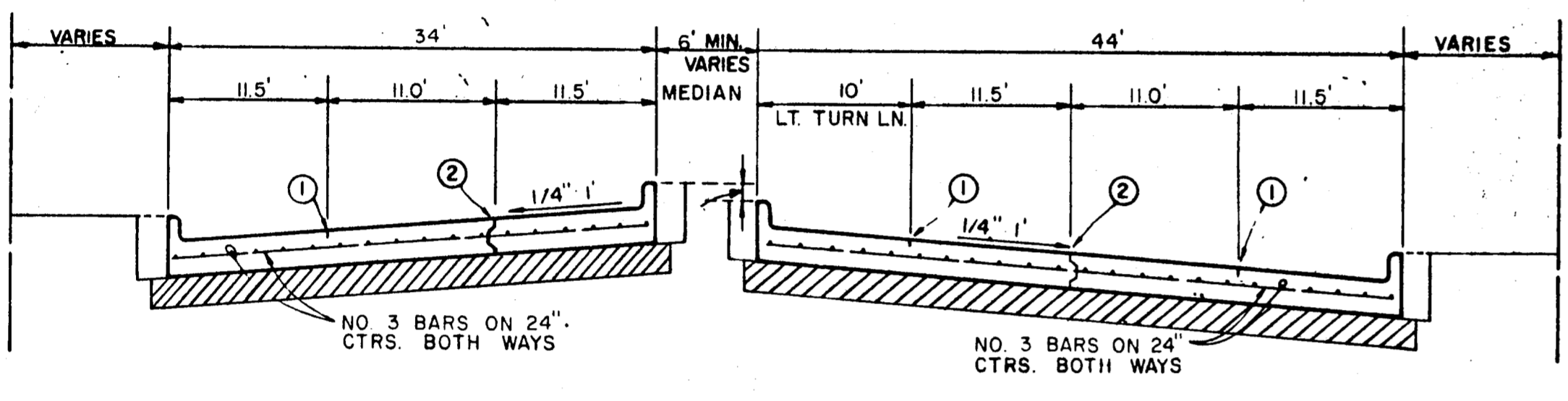
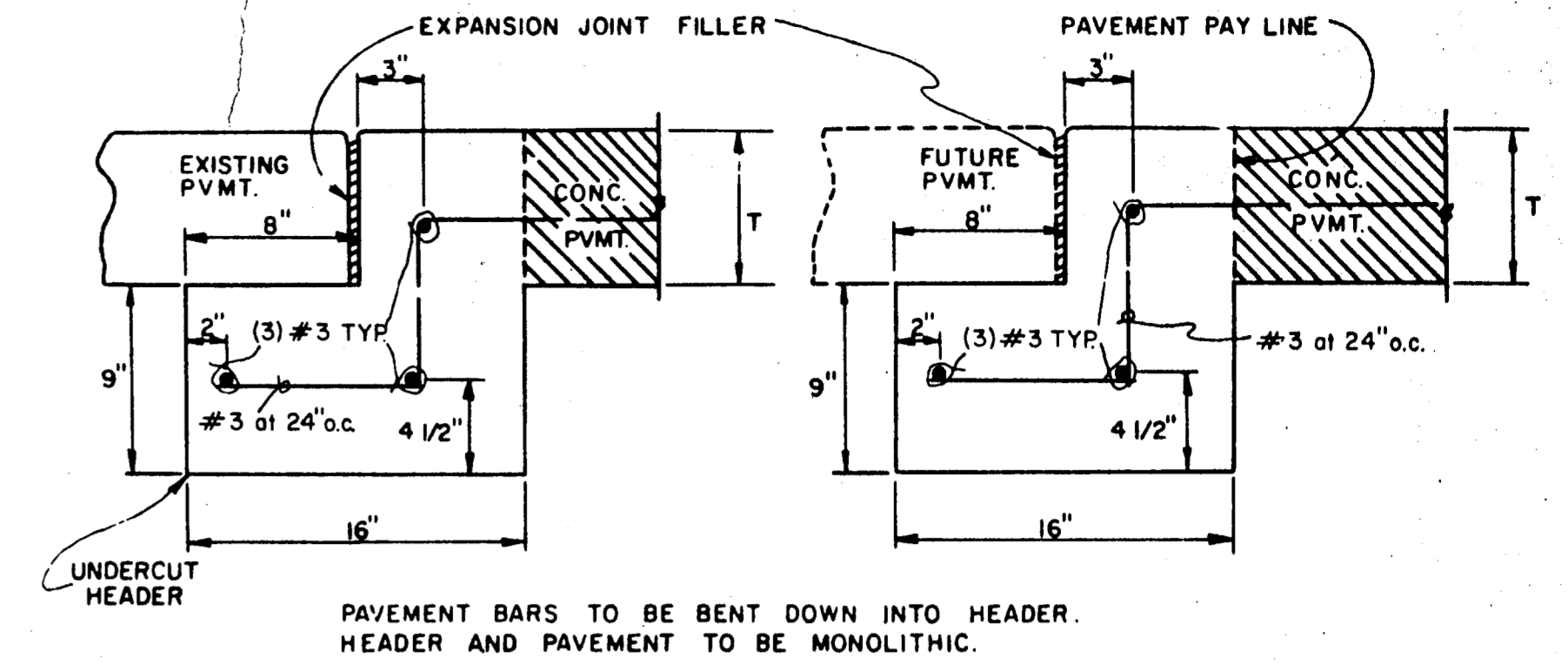
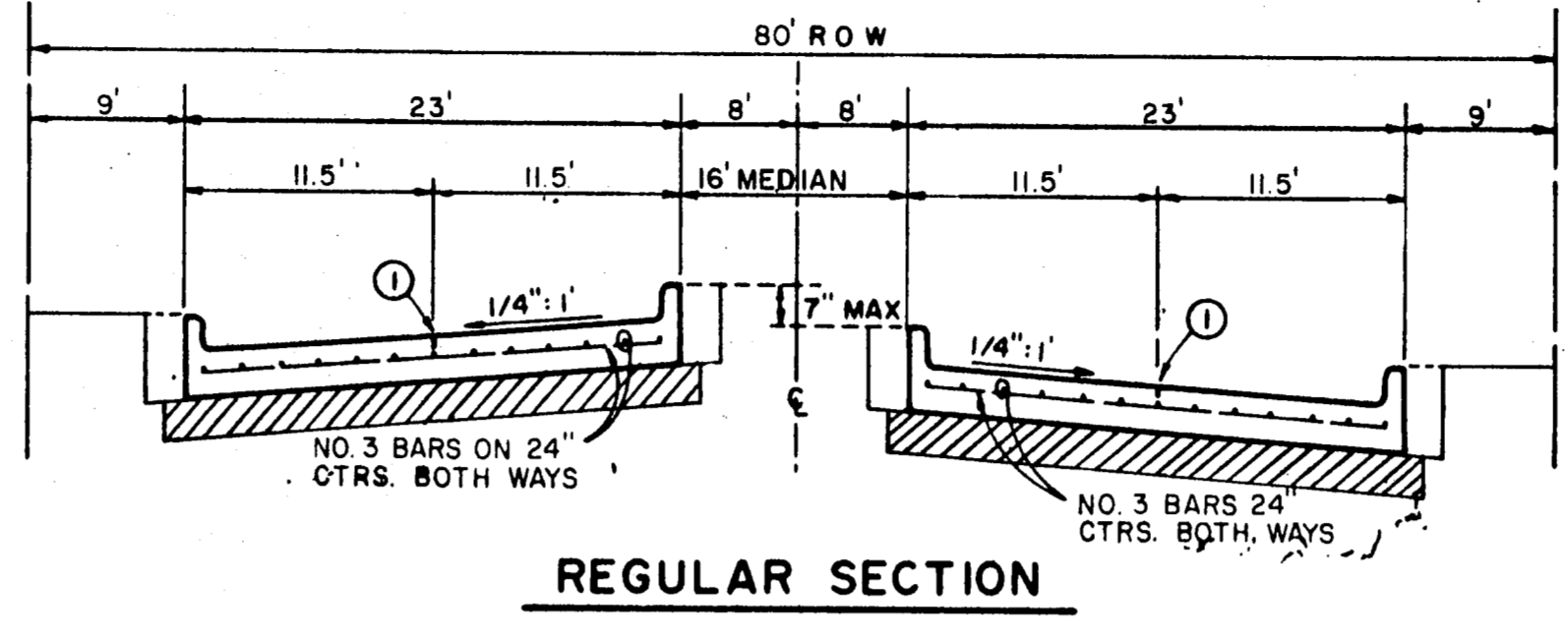
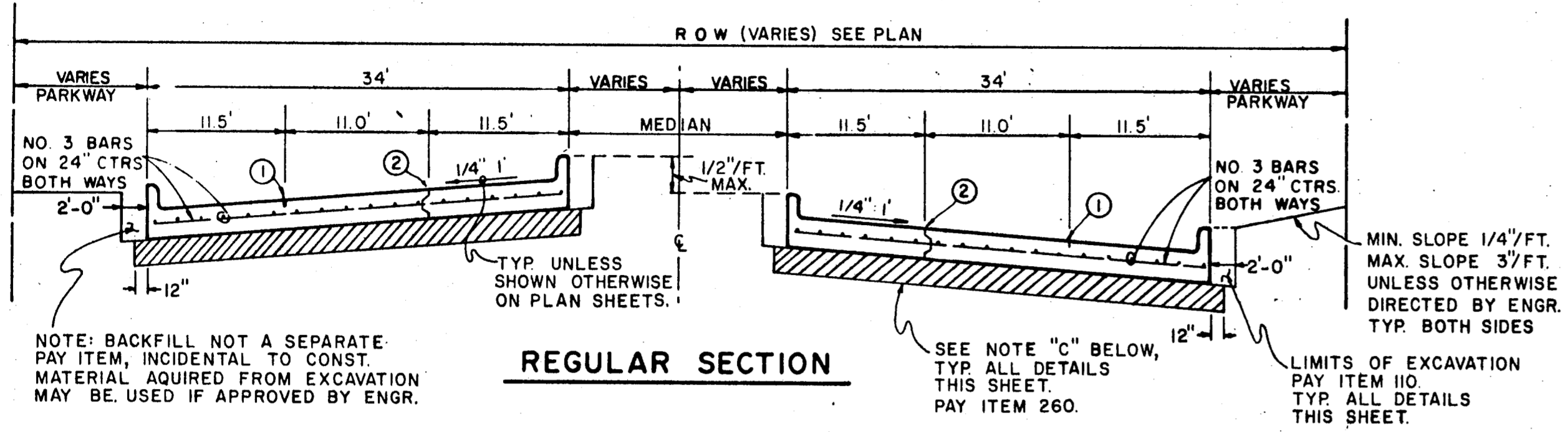
ITEM #	DESCRIPTION	APPROX. QTY.	UNIT
104.1	SAWCUT EXIST. PAVEMENT	185	LF
104.2	REMOVING OLD PAVEMENT	4740	SY
260.1	LIME TREATMENT FOR MAT. IN PLACE	4740	SY
264	HYDRATED LIME (27#/SY) TYPE A-6#	64	TON
360.3	6" REINF. CONC. PAVEMENT	4740	SY
360.4	6" INTEGRAL CONCRETE CURB	40	LF
360.5	6" DOWELED CURB & GUTTER	55	LF
550.1	4" CONCRETE SIDEWALK	31	SY
670	PAVEMENT MARKINGS	2380	LF

**RECORD DRAWING** (C-11)



No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS <b>MISC. PAVEMENT IMPROVEMENTS</b> <b>T.C.A. PARKING LOT IMPROVEMENTS</b> <b>BELTWAY DRIVE</b> GINN, INC. Consulting Engineers Dallas, Texas			
Designed - RCH	Drawn - TEC	Date - OCTOBER, 1988	Job No. - 87372
Approved - HWG	Checked - RCH	Scale - AS SHOWN	Sheet 11 of 16

NOTE: ALL TYPICAL NOTES SHOWN THIS DETAIL SHALL APPLY TO ALL DETAILS THIS SHEET UNLESS OTHERWISE INDICATED.



**RAIL HEADER**

**GENERAL NOTES**

- A. GENERAL. PAVEMENT THICKNESS FOR STRAIGHT CROWN STREETS SHALL BE AS SPECIFIED BELOW IN SPECIAL NOTES.
- B. STANDARD SPECIFICATIONS. REINFORCED CONCRETE PAVEMENTS.
  - 1. ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT.
  - 2. CURBS SHALL MEET THE SAME COMPRESSIVE STRENGTH AS SPECIFIED FOR THE CONCRETE PAVEMENT.
  - 3. DETAIL AND ARRANGEMENT OF JOINTS, ALL TYPES, SHALL BE AS SHOWN ON SHEET SD-3 OF THE STANDARD CONSTRUCTION DETAILS, OR AS APP'D. BY ENGR.
  - 4. BAR LAPS SHALL BE 30 DIAMETERS.
- C. SUBGRADE. SUBGRADE UNDER ALL PAVEMENT SHALL BE 6 INCHES THICK AND SHALL BE STABILIZED WITH 6 PERCENT BY WEIGHT OF HYDRATED LIME (27 LBS/SY.) AND COMPACTED TO A DENSITY NOT LESS THAN 95 PERCENT AS DETERMINED A.A.S.H.O. T-99. LABORATORY TESTS MAY BE SUBMITTED TO THE ENGINEERING DEPARTMENT FOR APPROVAL TO LOWER AMOUNT OF LIME REQUIRED.
- D. BAR CHAIRS OR AN APPROVED SUPPORTING DEVICE SHALL BE FURNISHED.
- E. CROSS SLOPE SHALL BE 1/4" PER FOOT UNLESS APPROVED BY ENGINEER

**SPECIAL NOTES**

PAVEMENT THICKNESS AND STRENGTHS SHALL BE AS FOLLOWS 6"-3000 P.S.I. COMP, SEE SPECIFICATIONS.

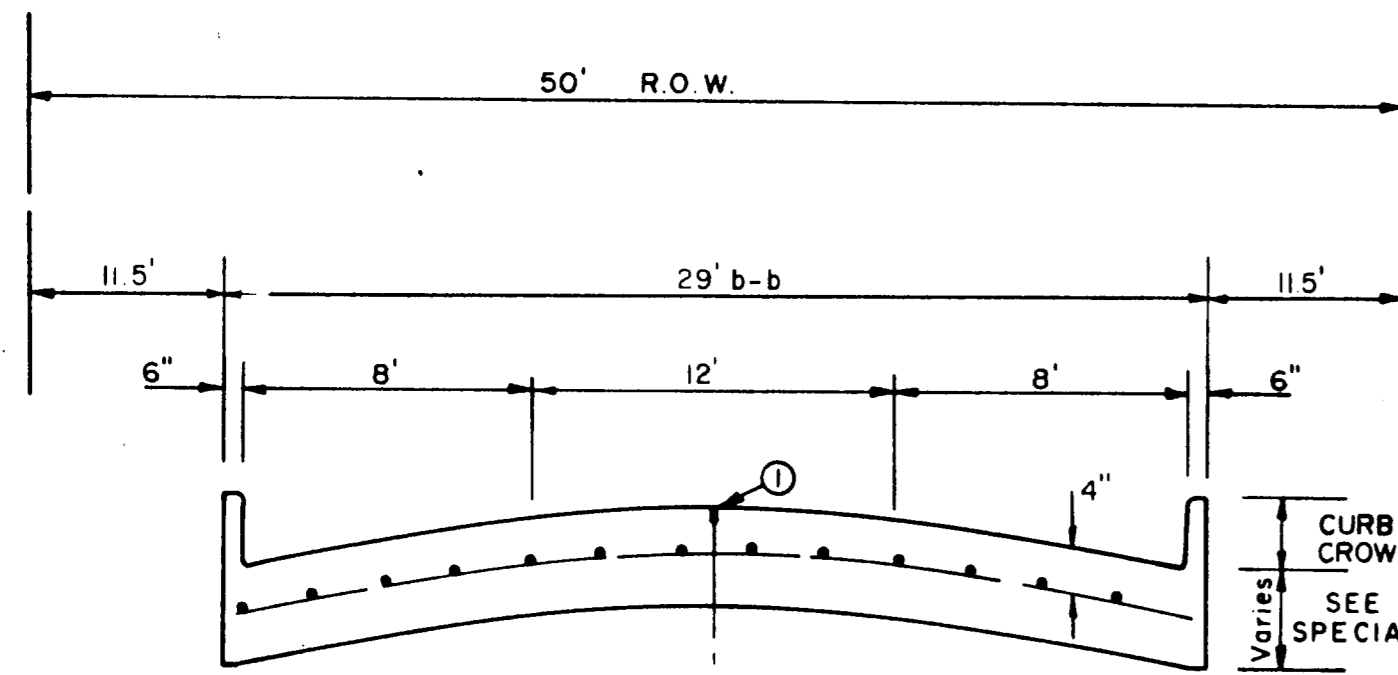
**LEGEND**

- ① - SAWED LONGITUDINAL DUMMY JOINT
- ② - CONSTRUCTION JOINT (FULL WIDTH PVMT. IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON).

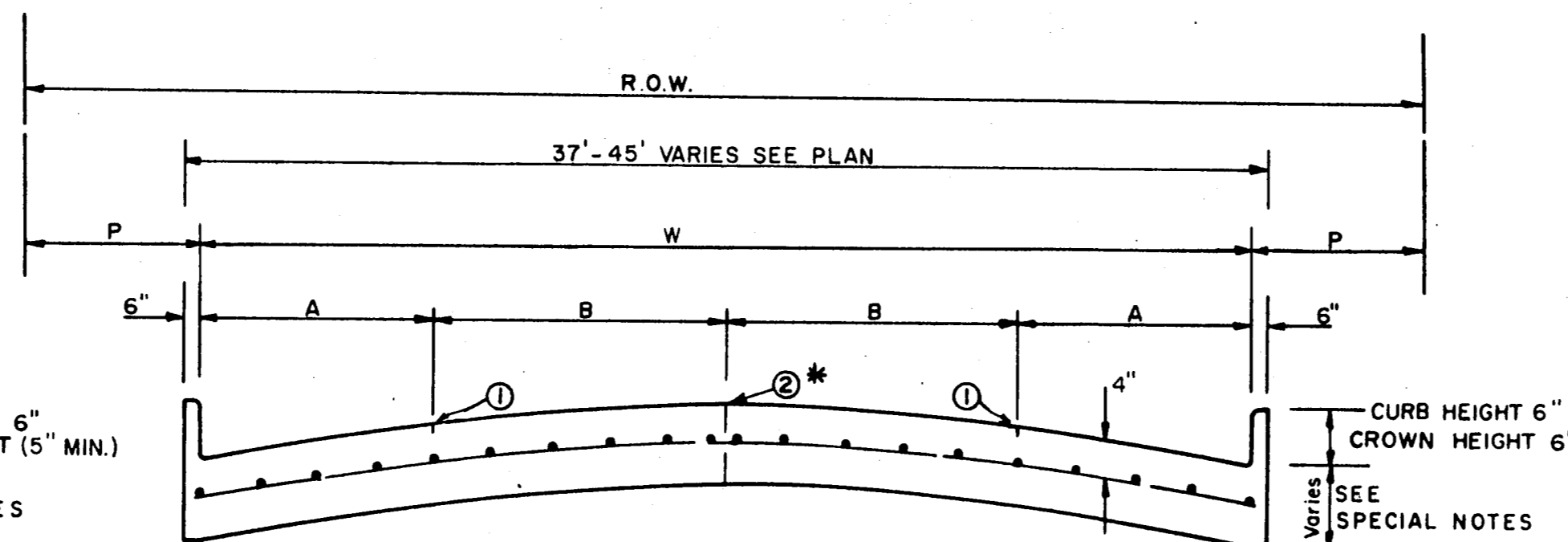
FOR LEFT TURN LANE DETAILS, SEE SHT. SD-3.

NO.	REVISION	BY	DATE
TOWN OF ADDISON, TEXAS DEPARTMENT OF ENGINEERING			
STANDARD CONSTRUCTION DETAILS PAVING			
STRAIGHT CROWN STREETS			
APPROVED		H. WAYNE GINN, P.E.	
DATE MARCH, 1984	SHEET		SD-1





**ONE MOVING LANE / TWO PARKING LANES**  
(LOCAL STREET)



STREET TYPE	STREET WIDTH (W)	A	B	R.O.W. WIDTH	P
COLLECTOR /	36' #	8'	10'	60'	11.5'
COLLECTOR /	40'	8' OR 10'	10' OR 12'	60'	9.5'
COLLECTOR /	44'	11'	11'	65'	10.0'

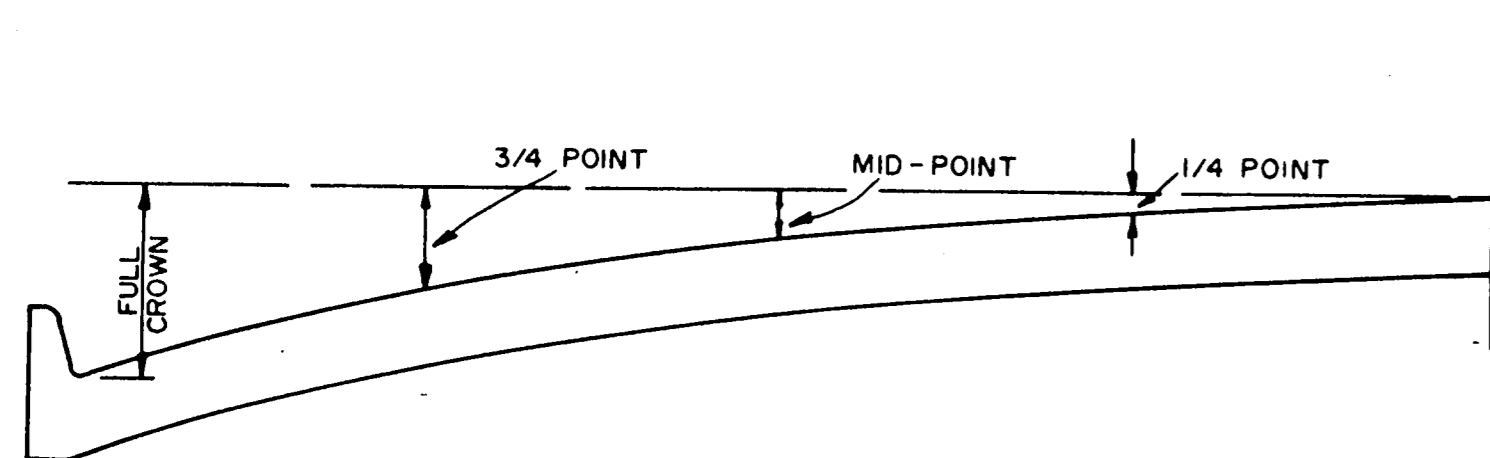
\* FULL WIDTH PAVEMENT OF 36' WIDTH STREETS IS ALLOWED WHERE APPROVED BY THE CITY OF COPPELL.

**FOUR MOVING LANES OR TWO MOVING LANES / TWO PARKING LANES**

**REINFORCED CONCRETE PAVEMENT**

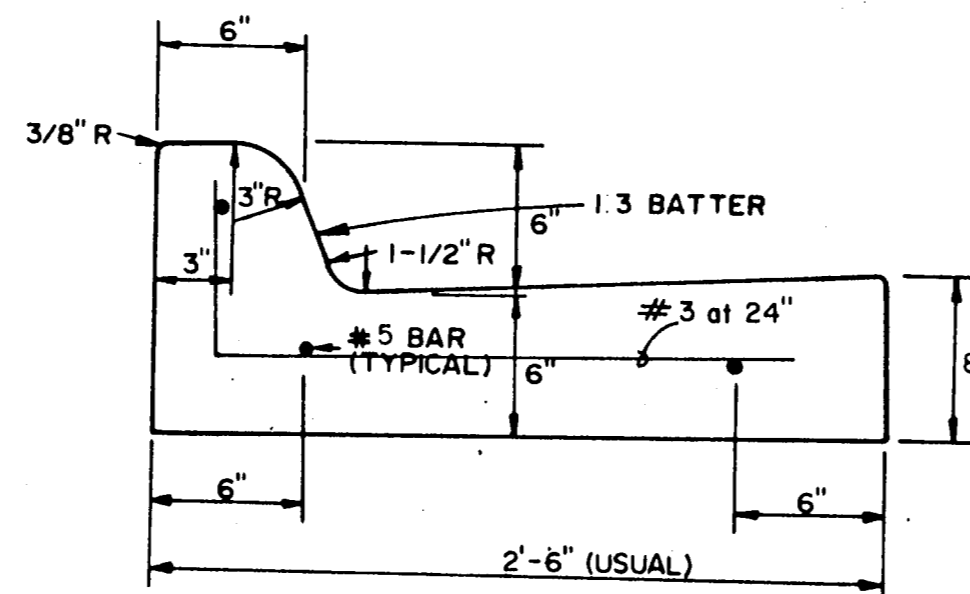
ALL REINFORCING BARS SHALL BE NO. 3 TRANSVERSE BARS TO BE SPACED ON 2'-0" CENTERS; LONGITUDINAL BARS TO BE SPACED ON 2'-0" EXCEPT WHERE NOTED.

- ① SAWED LONGITUDINAL DUMMY JOINT
- ② CONSTRUCTION JOINT (FULL WIDTH PVMT. IS ALLOWED WHERE APPROVED BY ENGINEER)

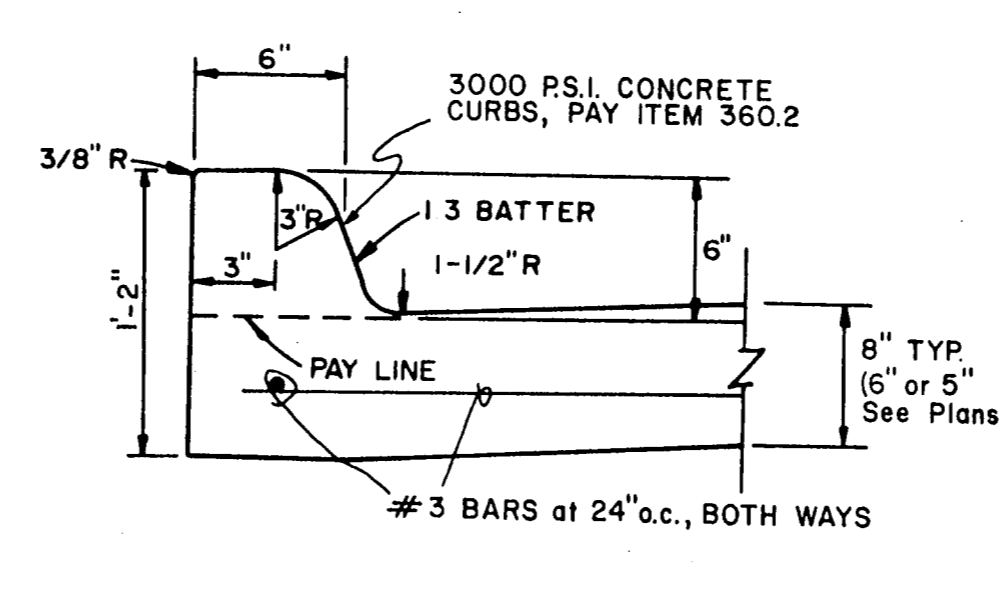


ROADWAY WIDTH (W)	TOTAL CROWN HEIGHT	3/4 POINT	MID-POINT	1/4 POINT
26'	6"	3 - 3/8"	1 - 1/2"	3/8"
36'	6"	3 - 3/8"	1 - 1/2"	3/8"
44'	6"	3 - 3/8"	1 - 1/2"	3/8"
48'	6"	3 - 3/8"	1 - 1/2"	3/8"

**TABLE OF CROWN HEIGHTS AND ORDINATES FOR VARIOUS PARABOLIC SECTIONS**



**SEPARATE CURB-AND-GUTTER**  
PAY ITEM 530.1



**INTEGRAL CURB**

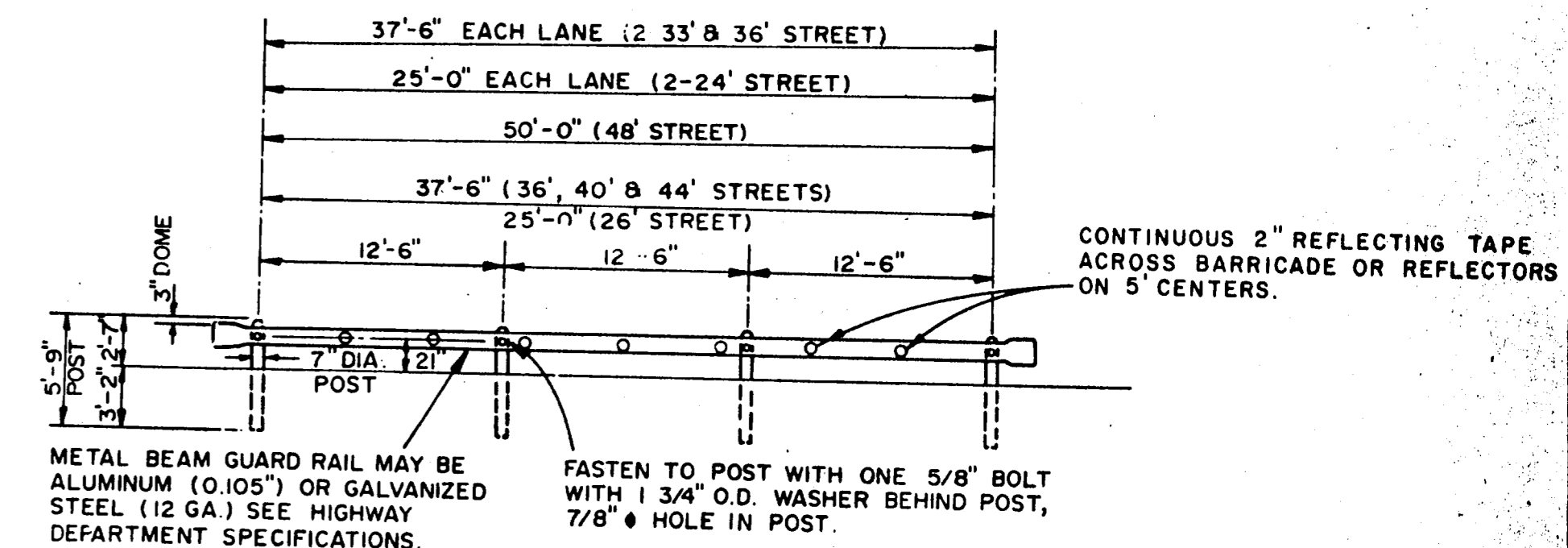
**CURB AND CURB-AND-GUTTER**

**GENERAL NOTES**

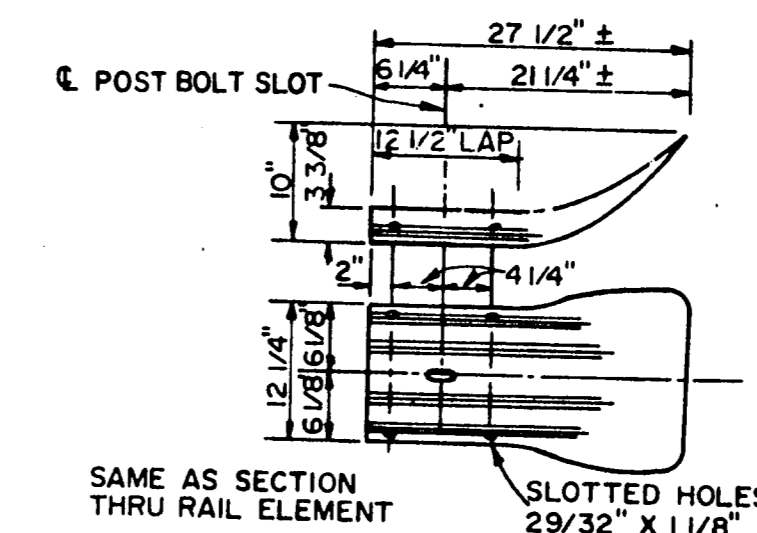
- A. GENERAL  
USUAL PAVEMENT THICKNESS IS AS SHOWN IN SPECIAL NOTES. SUBGRADE DESIGN SHALL CONFORM TO THE TOWN OF ADDISON, DEPARTMENT OF ENGINEERING REQUIREMENTS, AND SHALL EXTEND 12" (MIN.) BEHIND CURB, SEE SD-1.
- B. REINFORCED CONCRETE PAVEMENT
  - 1. CONCRETE STRENGTH SHALL BE AS SHOWN IN SPECIAL NOTES.
  - 2. ALL CURBS SHALL BE INTEGRAL WITH PAVEMENT.
  - 3. DETAIL AND ARRANGEMENT OF PAVEMENT JOINTS, ALL TYPES, SHALL BE AS SHOWN ON SHEET SD-3
  - 4. BAR LAPS SHALL BE THIRTY DIAMETERS.
- C. SUBGRADE  
SUBGRADE UNDER ALL PAVEMENT SHALL BE 6 INCHES THICK AND SHALL BE STABILIZED WITH 6 PERCENT BY WEIGHT OF HYDRATED LIME (27 LBS/SY.) AND COMPACTED TO A DENSITY NOT LESS THAN 95 PERCENT AS DETERMINED BY A.A.S.H.O. T-99. LABORATORY TESTS MAY BE SUBMITTED TO THE ENGINEERING DEPARTMENT FOR APPROVAL TO LOWER AMOUNT OF LIME REQUIRED.
- D. BAR CHAIRS OR AN APPROVED DEVICE SHALL BE FURNISHED.

**SPECIAL NOTES**

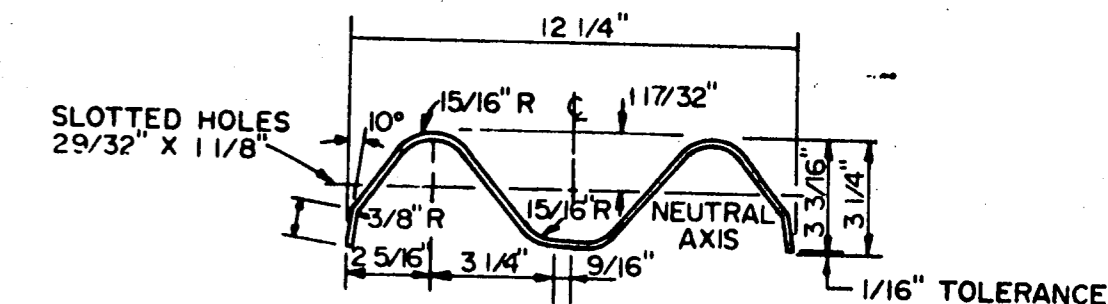
PAVEMENT THICKNESS AND STRENGTHS SHALL BE AS FOLLOWS;  
 TYPE (RETAIL THRU INDUSTRIAL)  
 8" - 3000 P.S.I.  
 TYPE (RESIDENTIAL)  
 6" 3000 P.S.I. COMP. OR 5" - 3600 P.S.I. COMP.



**FRONT ELEVATION**



**TERMINAL SECTION**

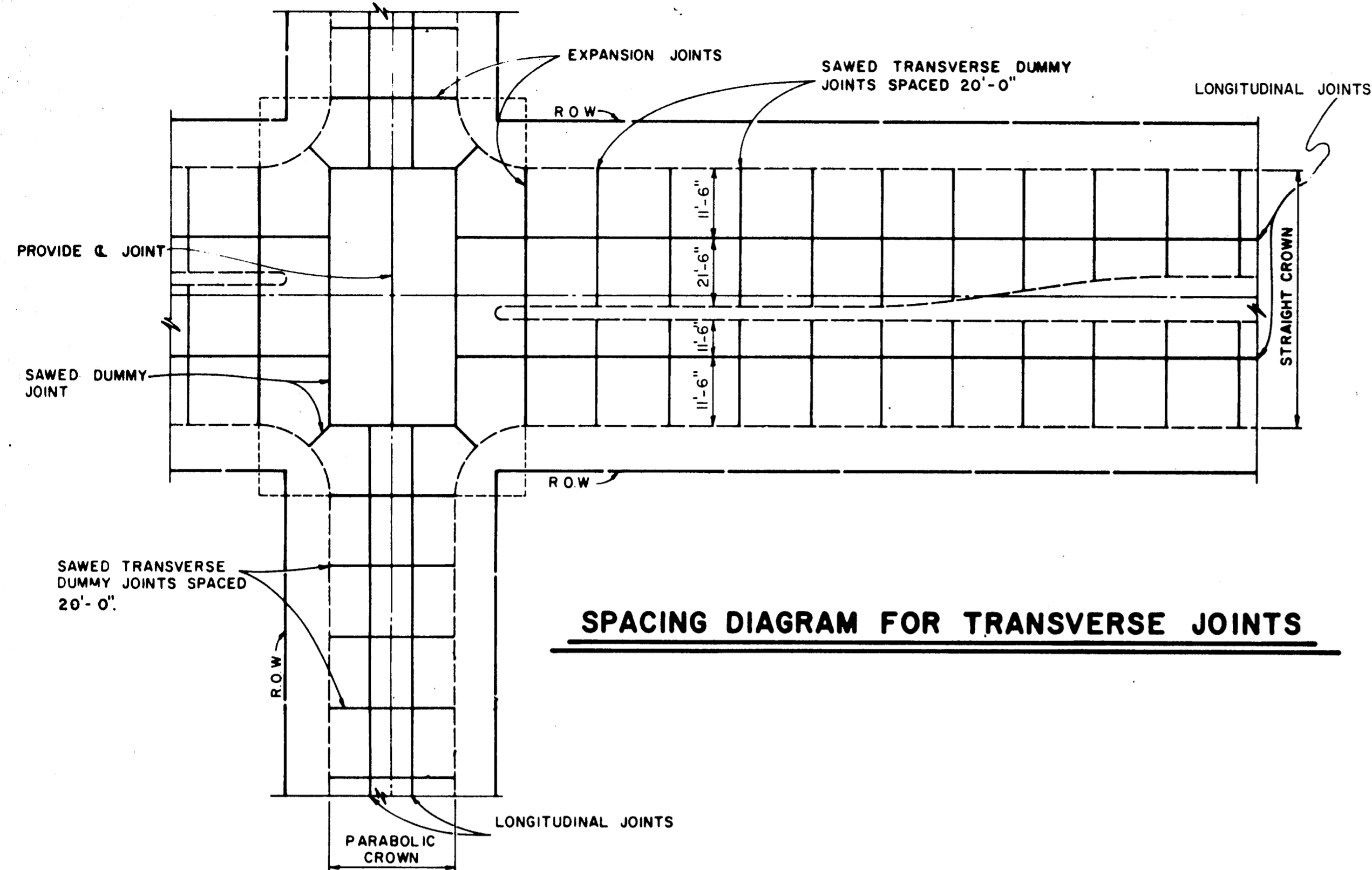


NOTE: ACTUAL SECTION MAY BE SLIGHTLY DIFFERENT DEPENDING UPON THE MFR.

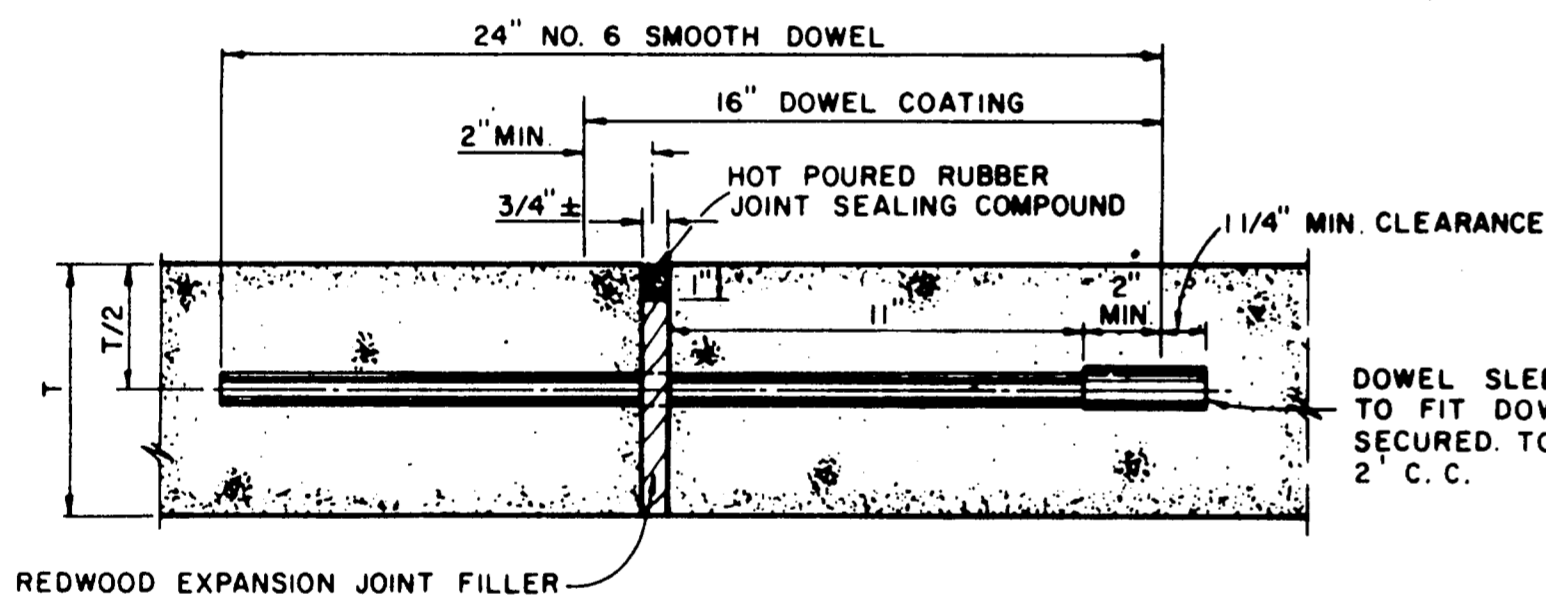
**SECTION THRU RAIL ELEMENT**

**BARRICADE DETAIL**

NO.	REVISION	BY	DATE
TOWN OF ADDISON, TEXAS DEPARTMENT OF ENGINEERING			
STANDARD CONSTRUCTION DETAILS PAVING			
PARABOLIC CROWN STREETS			
APPROVED		H. WAYNE GINN, P.E.	
DATE MARCH, 1984		SHEET	SD-2



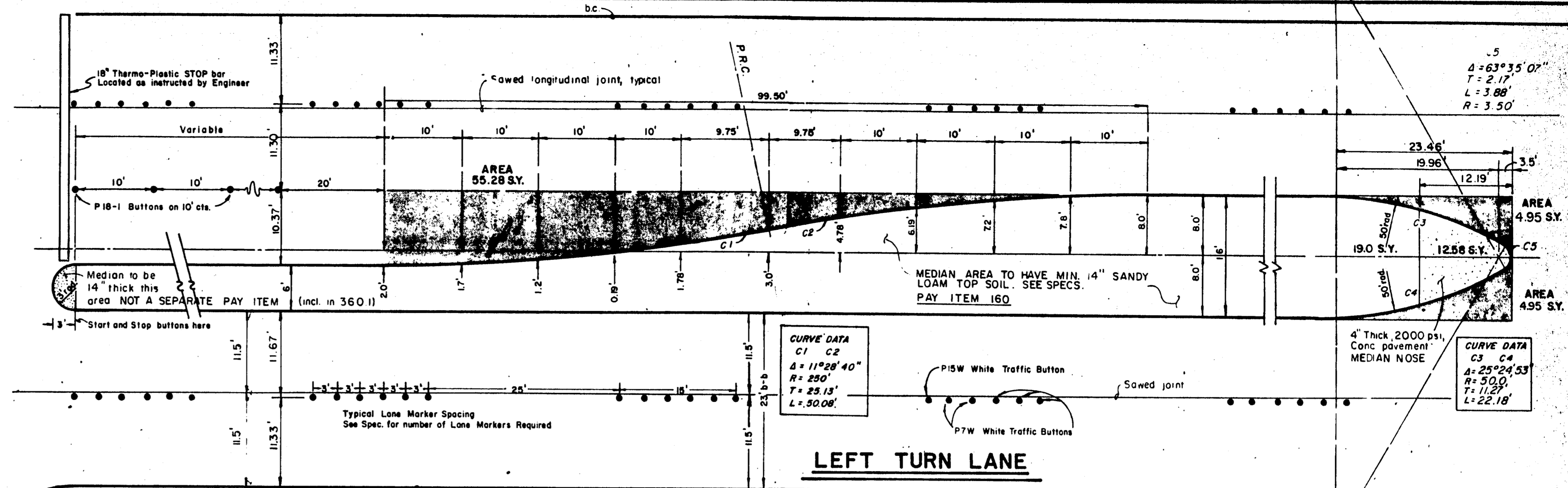
**SPACING DIAGRAM FOR TRANSVERSE JOINTS**



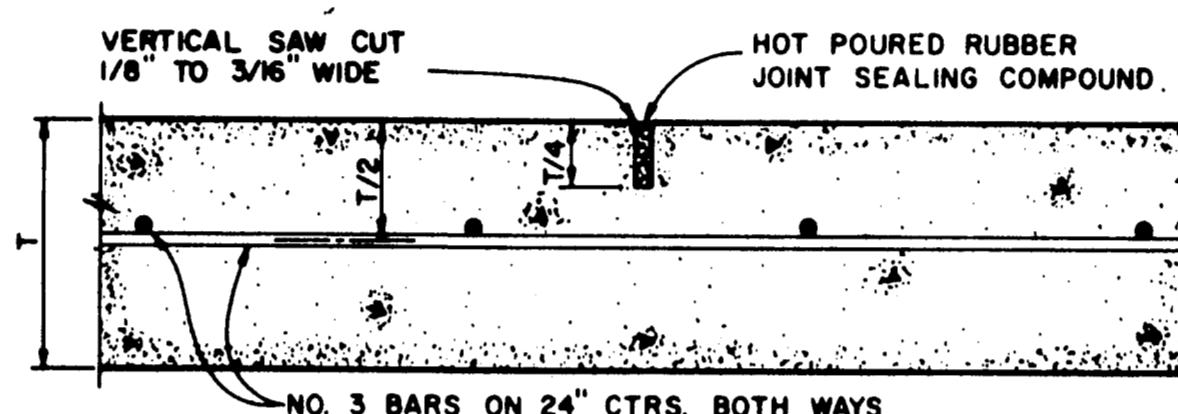
**TRANSVERSE EXPANSION JOINT**

(SPACED 600 FT. MAXIMUM; LOCATE AT INTERSECTIONS)

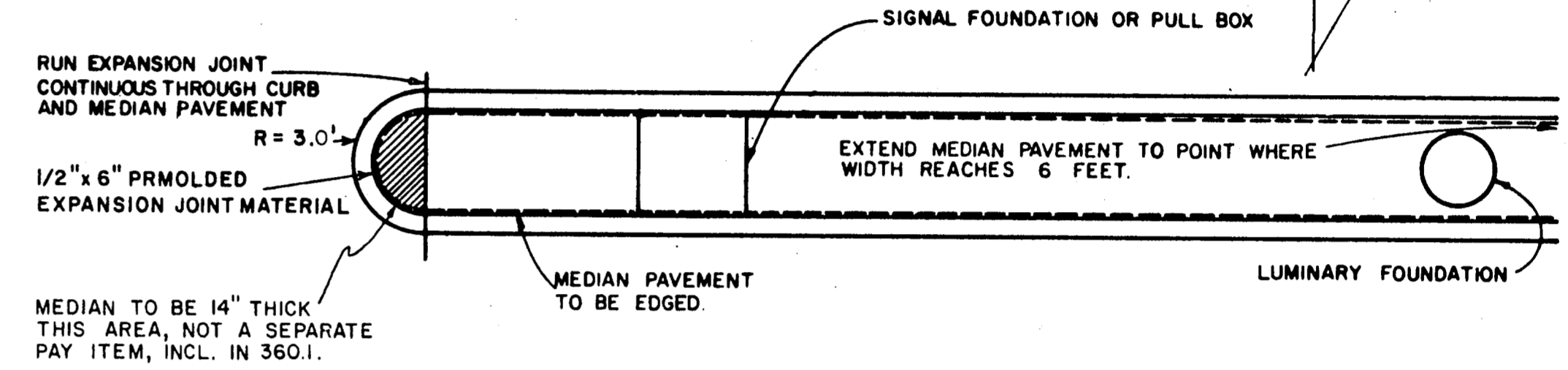
NOTE  
DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE



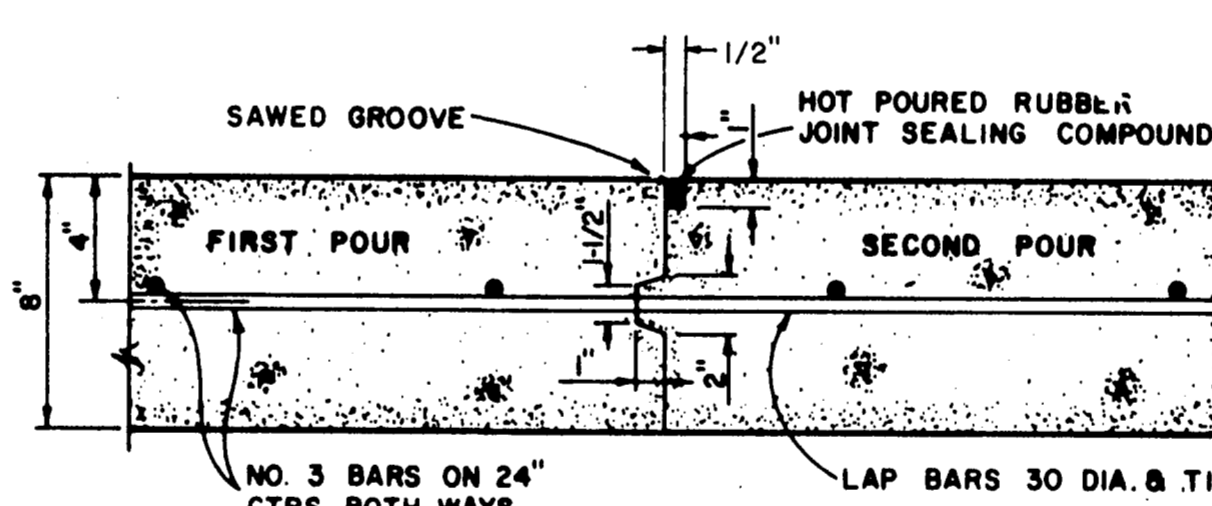
**LEFT TURN LANE**



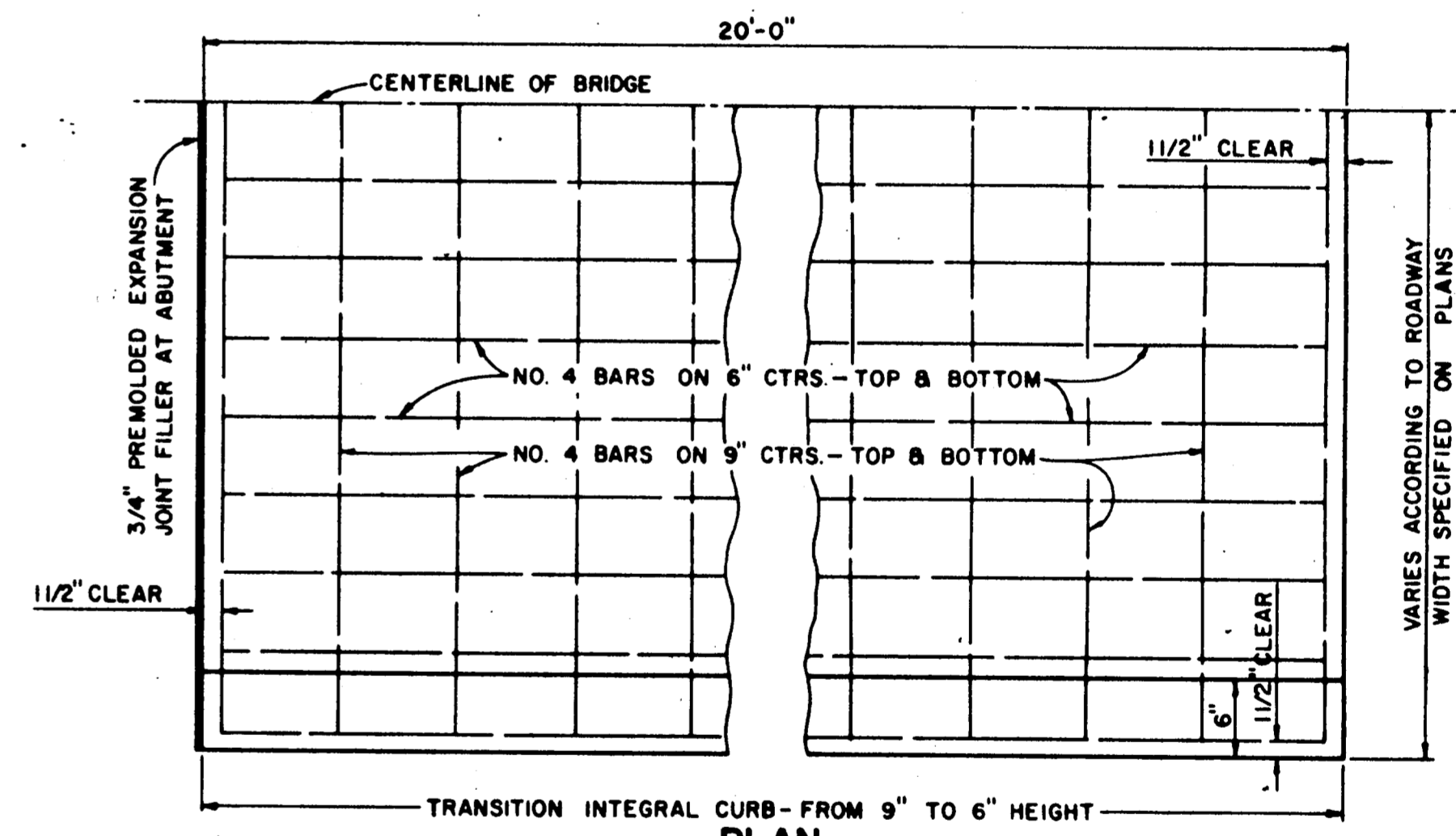
**SAWED DUMMY JOINT**



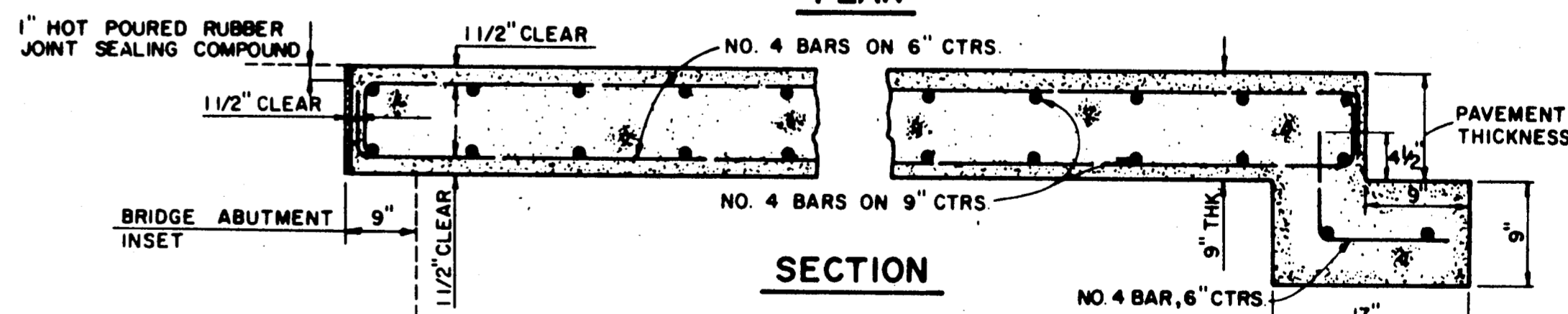
**DETAIL OF 6' MEDIAN PAVEMENT**



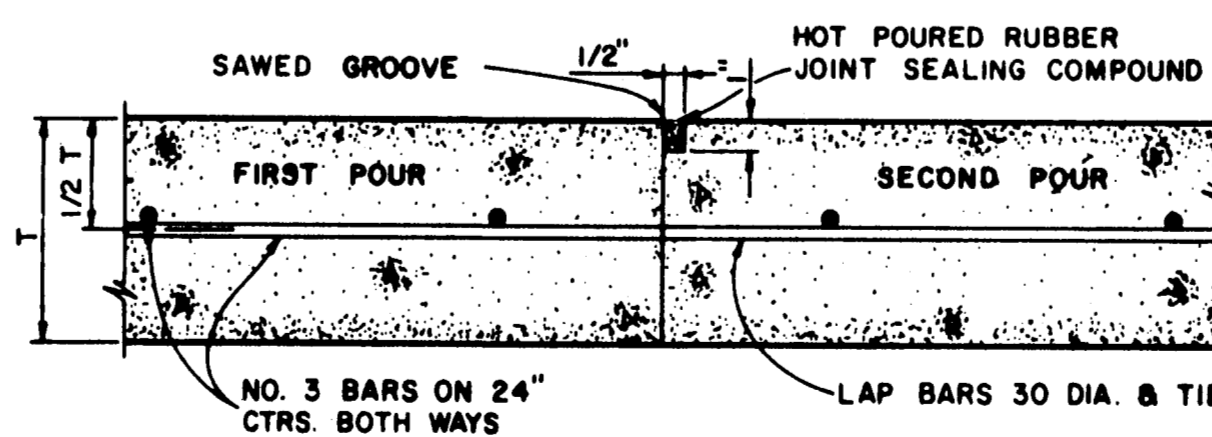
**CONSTRUCTION JOINT FOR 8" PAVEMENT**



**BRIDGE APPROACH SLAB**



**SECTION**



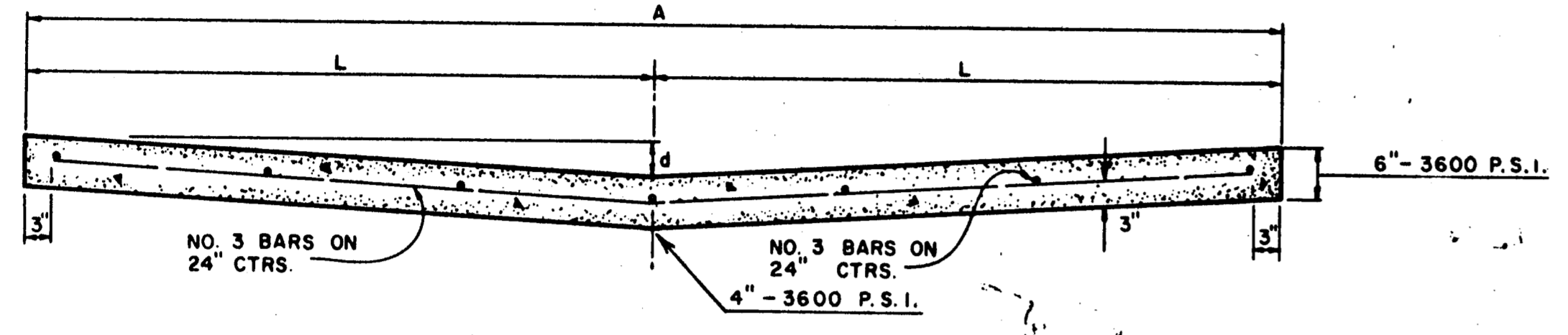
**CONSTRUCTION JOINT FOR 5" OR 6" PAVEMENT**

NO.	REVISION	BY	DATE
TOWN OF ADDISON, TEXAS DEPARTMENT OF ENGINEERING			
STANDARD CONSTRUCTION DETAILS PAVING			
PAVEMENT JOINTS			
APPROVED		H. WAYNE GINN, P.E.	
DATE MARCH, 1984		SHEET SD-3	

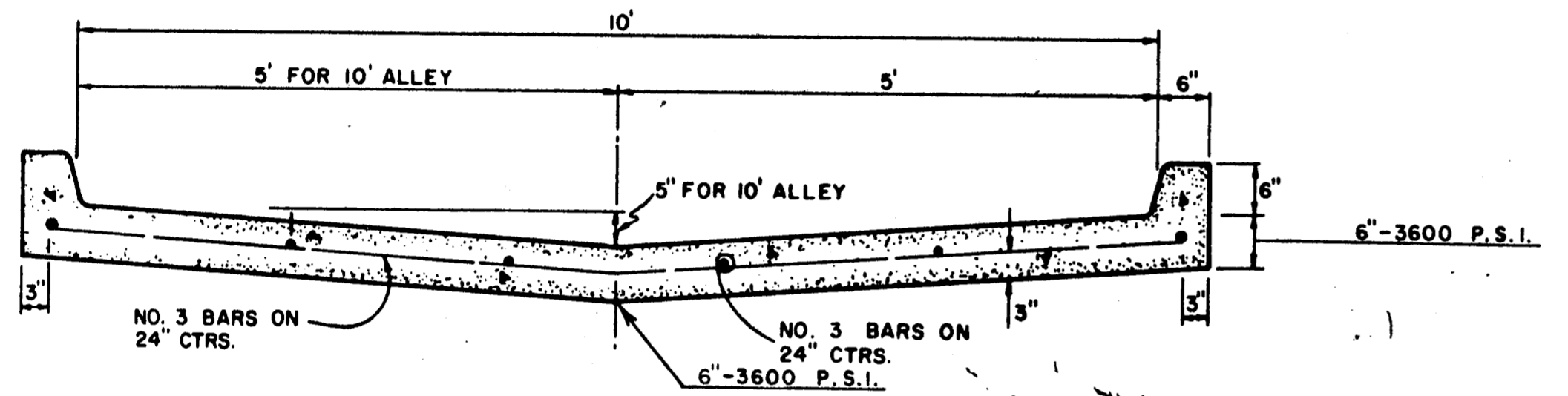


ALLEY WIDTH (A)	HALF SECTION WIDTH (L)	INVERT DEPTH (d)
10'	5'	5"
12'	6'	6"
16'	8'	6"
20'	10'	6"

ALLEY WIDTH	A	B	C	D	E	F
10'	10'	2'-6"	15'	1'-6"	12'	8.6'
12'	12'	1'-6"	15'	1'-6"	12'	8.5'
16'	16'	2'-0"	20'	2'-0"	16'	8.0'
20'	20'	0	20'	0	20'	10.0'

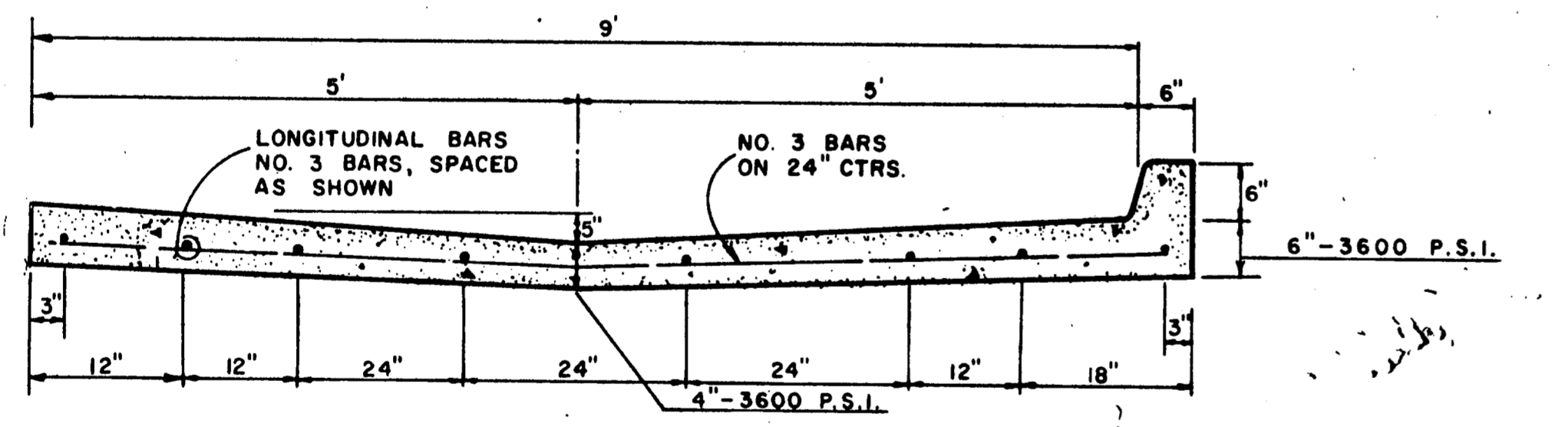


**STANDARD 10', 12', 16', & 20' ALLEY SECTION**



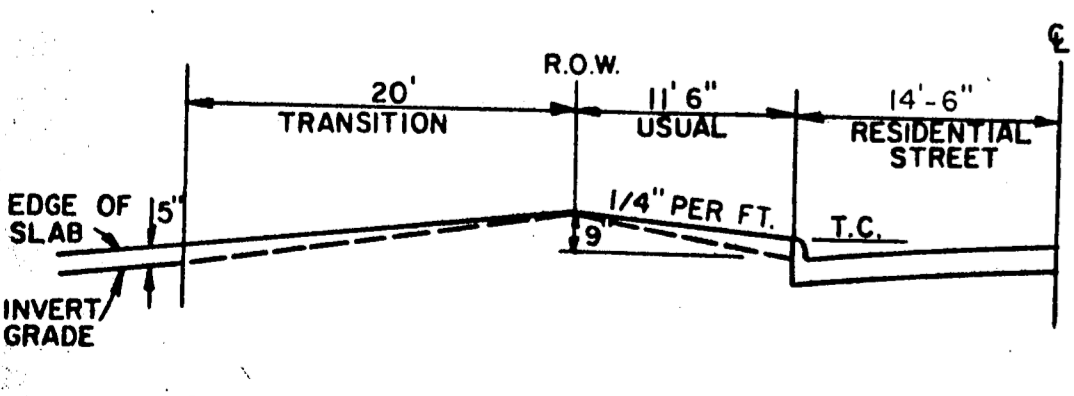
**STANDARD ALLEY SECTION WITH CURBS**

NOTE: CURBS NOT ALLOWED IN RESIDENTIAL AREAS EXCEPT AS APPROVED BY THE CITY.

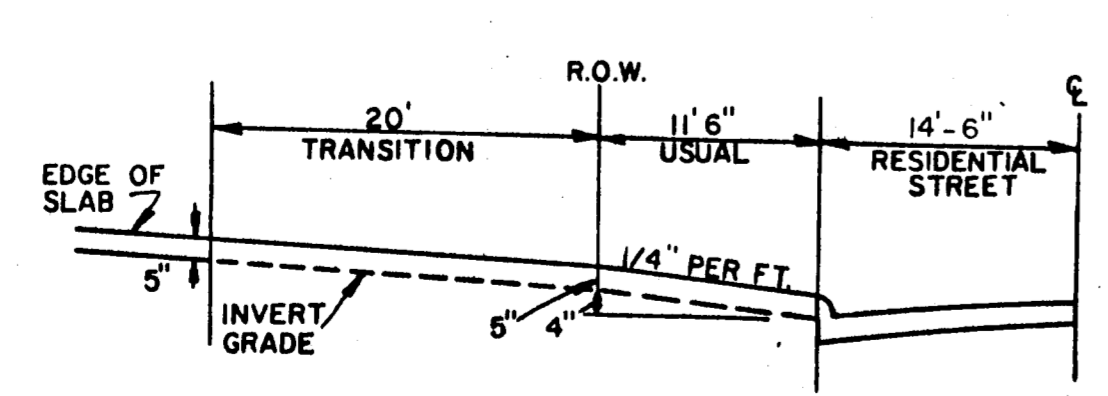


**ALTERNATE 10' ALLEY SECTION / CURB**

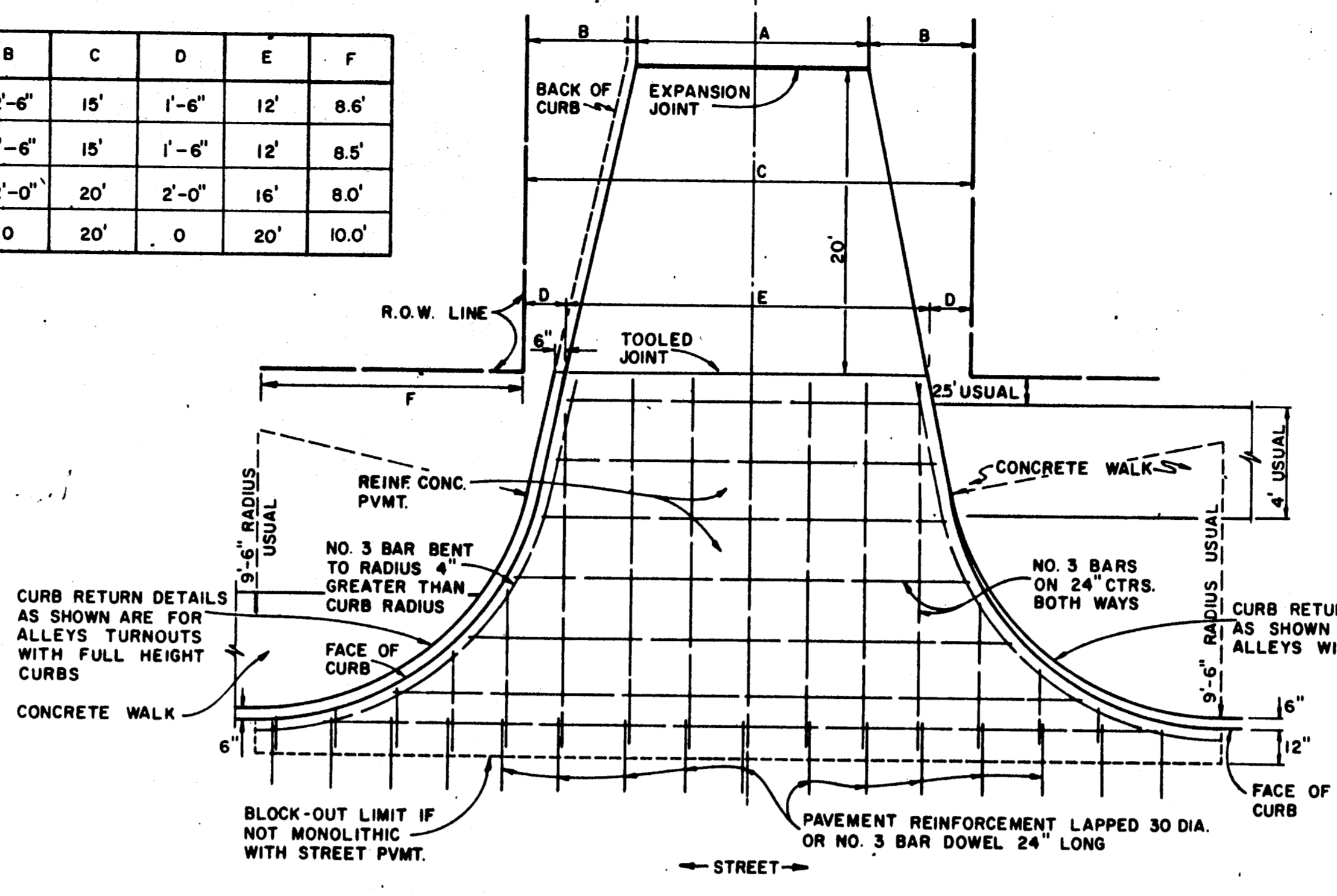
NOTE: CURBS NOT ALLOWED IN RESIDENTIAL AREAS EXCEPT AS APPROVED BY THE CITY.



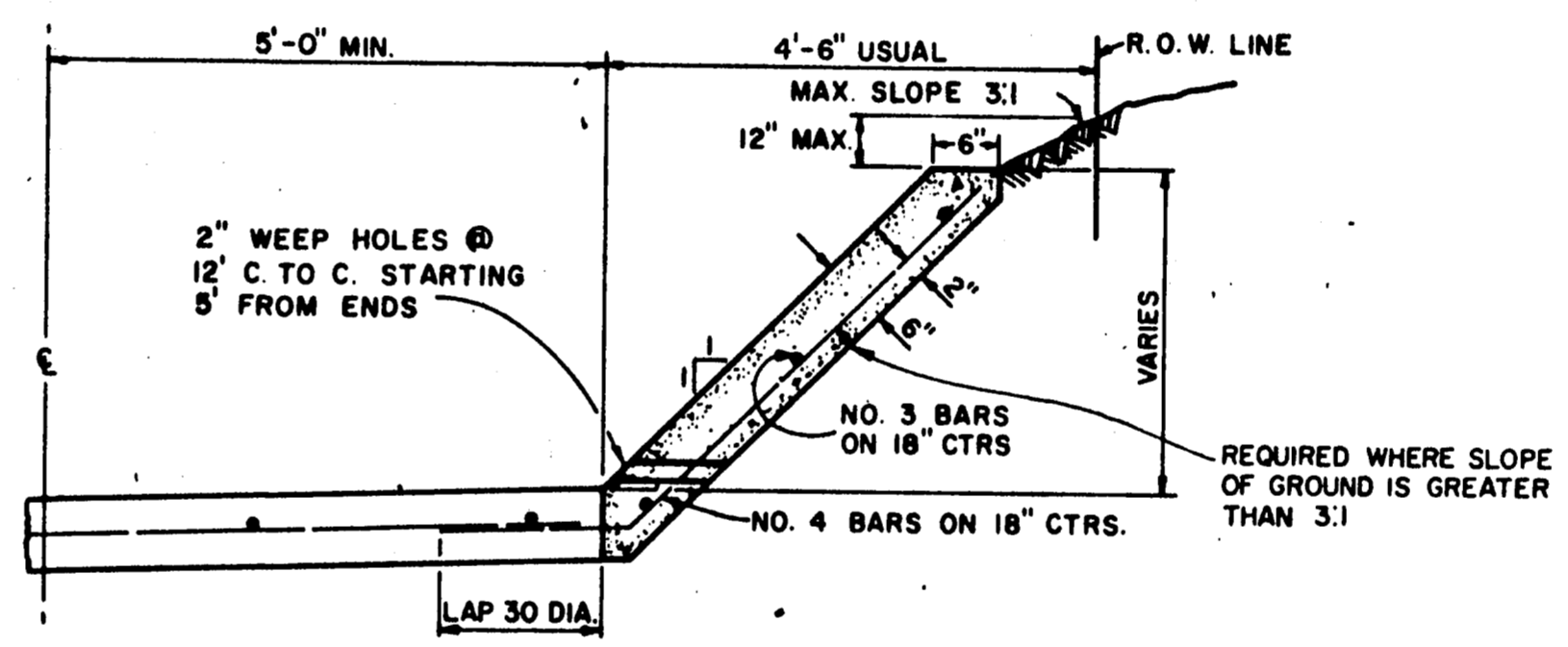
**TYPE I ALLEY ENTRANCE**



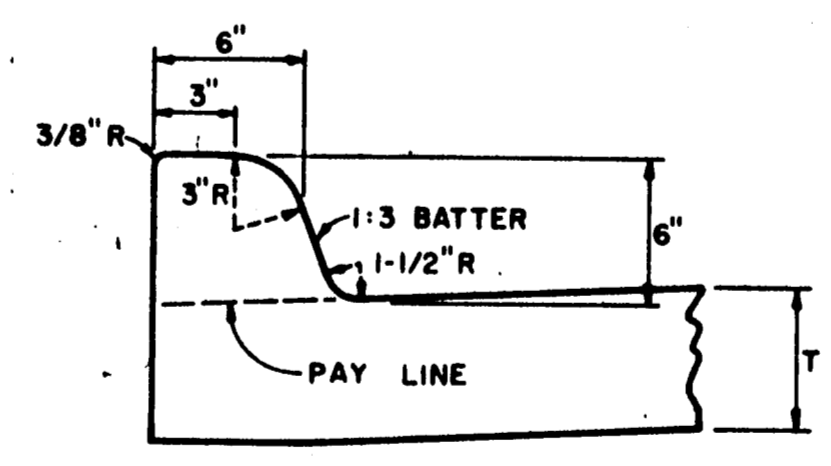
**TYPE II ALLEY ENTRANCE**



**ALLEY RETURN DETAILS**



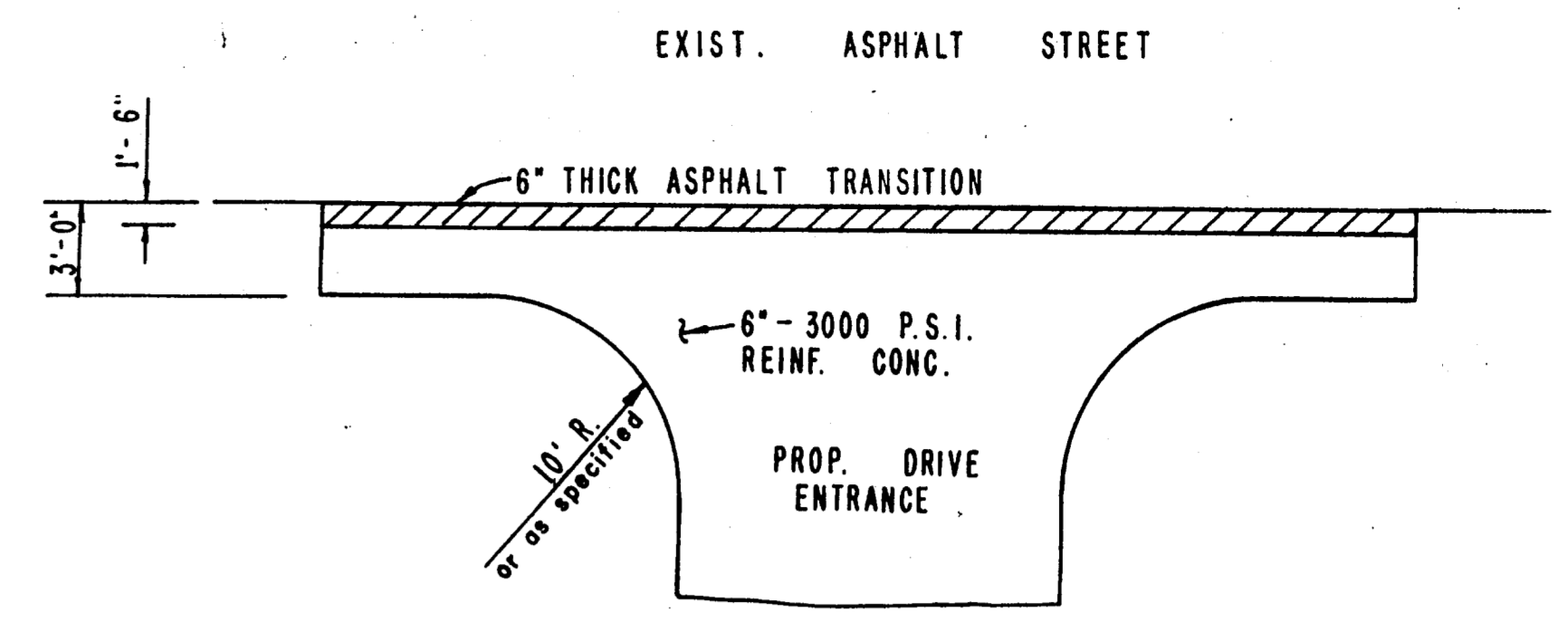
**ALLEY SLOPE PROTECTION**



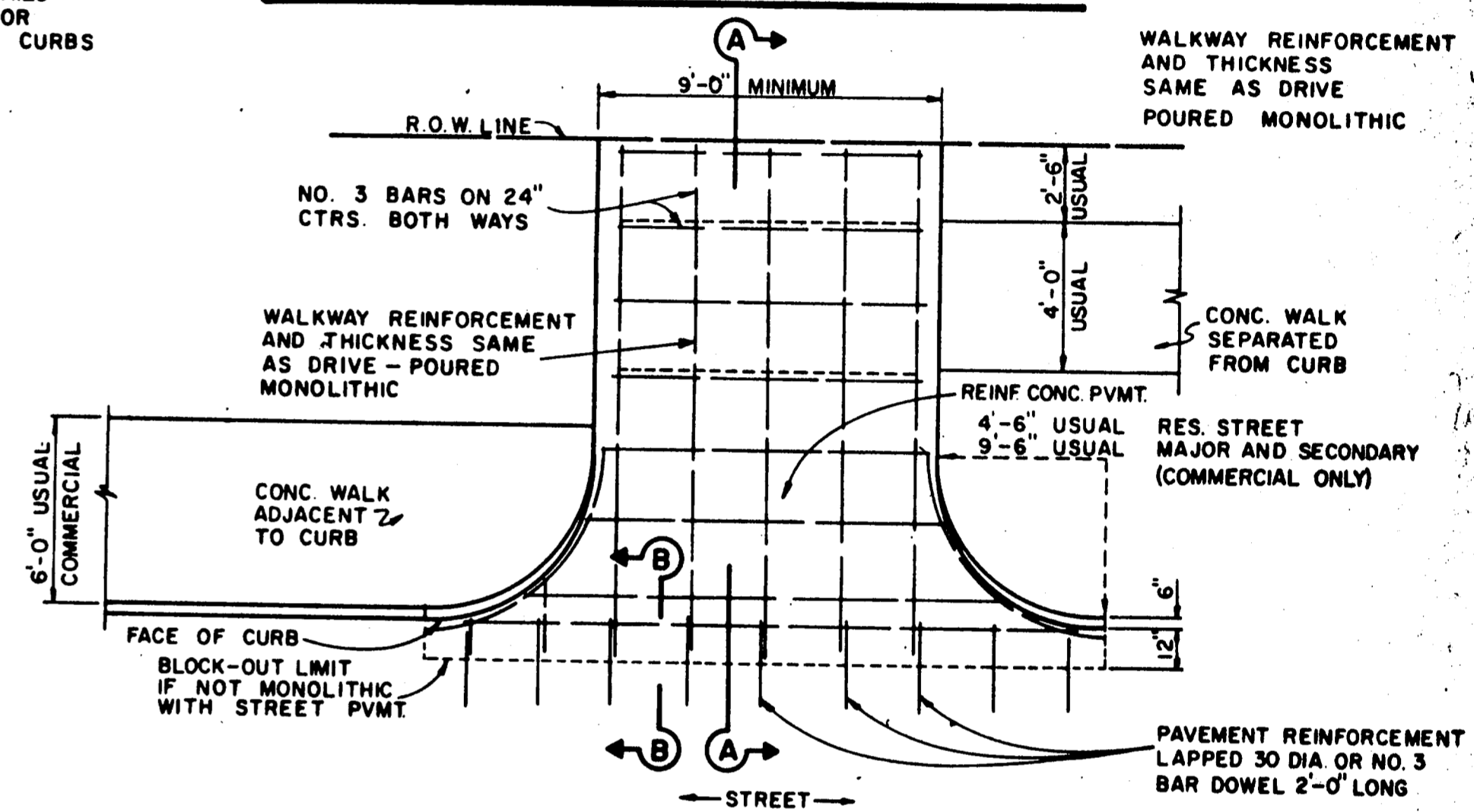
**INTEGRAL CURB**

**GENERAL NOTES FOR ALLEYS AND DRIVEWAYS**

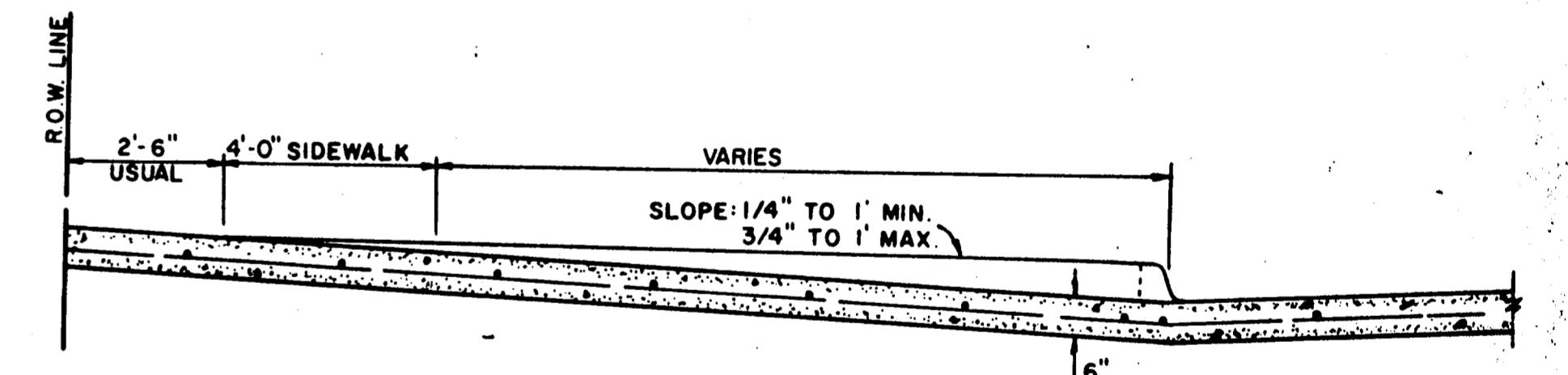
1. CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLANS.
2. CONCRETE FOR ALLEY PAVEMENT SHALL BE OF THE STRENGTH SPECIFIED ON THE CONSTRUCTION PLANS. (3000 P.S.I. OR 3600 P.S.I. MINIMUM COMPRESSIVE)
3. SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO STREET PAVEMENT DETAILS.



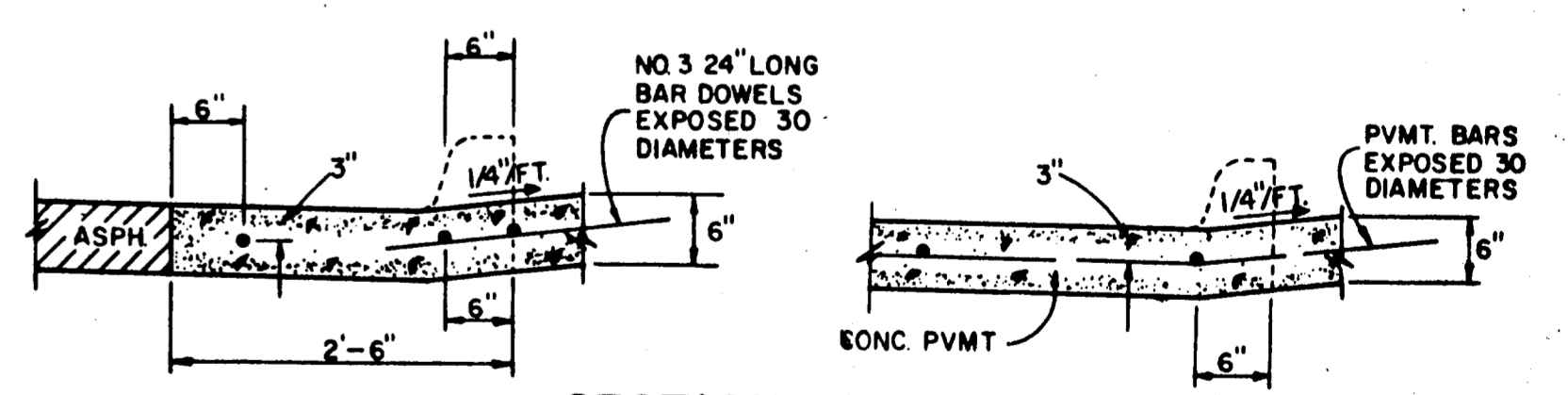
**TYPICAL DRIVE CONNECTION TO EXISTING ASPHALT STREET**



**DRIVEWAY RETURN TO STREET**



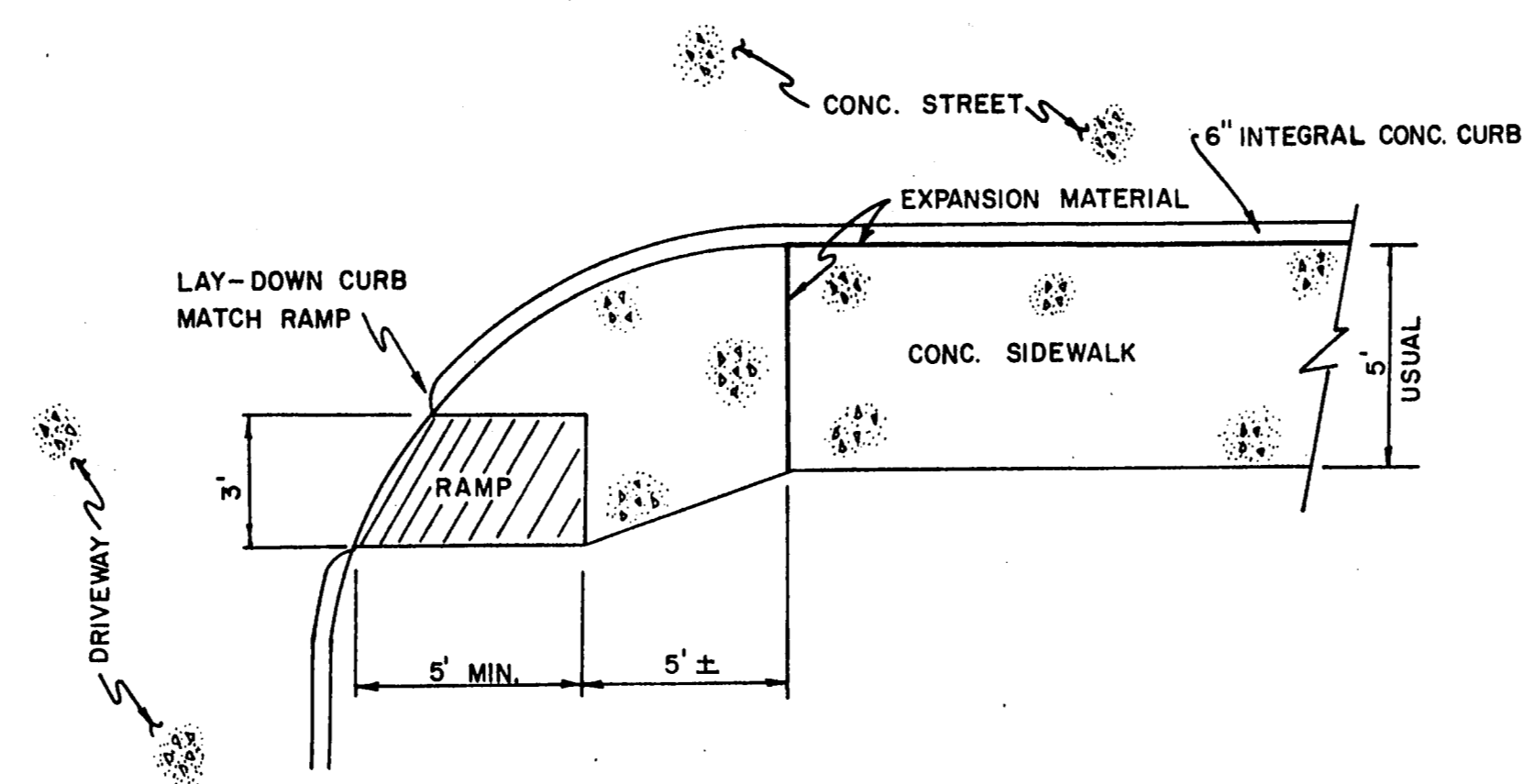
**SECTION A-A**



**SECTION B-B**

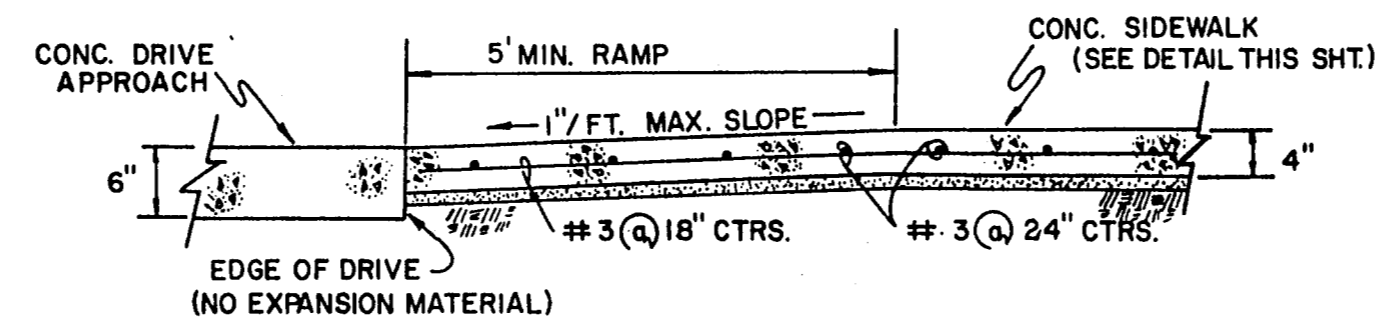
**DRIVEWAY RETURN DETAILS**

NO.	REVISION	BY	DATE
TOWN OF ADDISON, TEXAS DEPARTMENT OF ENGINEERING			
STANDARD CONSTRUCTION DETAILS PAVING			
ALLEY AND DRIVEWAY RETURNS			
APPROVED		H. WAYNE GINN, P.E.	
DATE MARCH, 1984		SHEET SD-4	



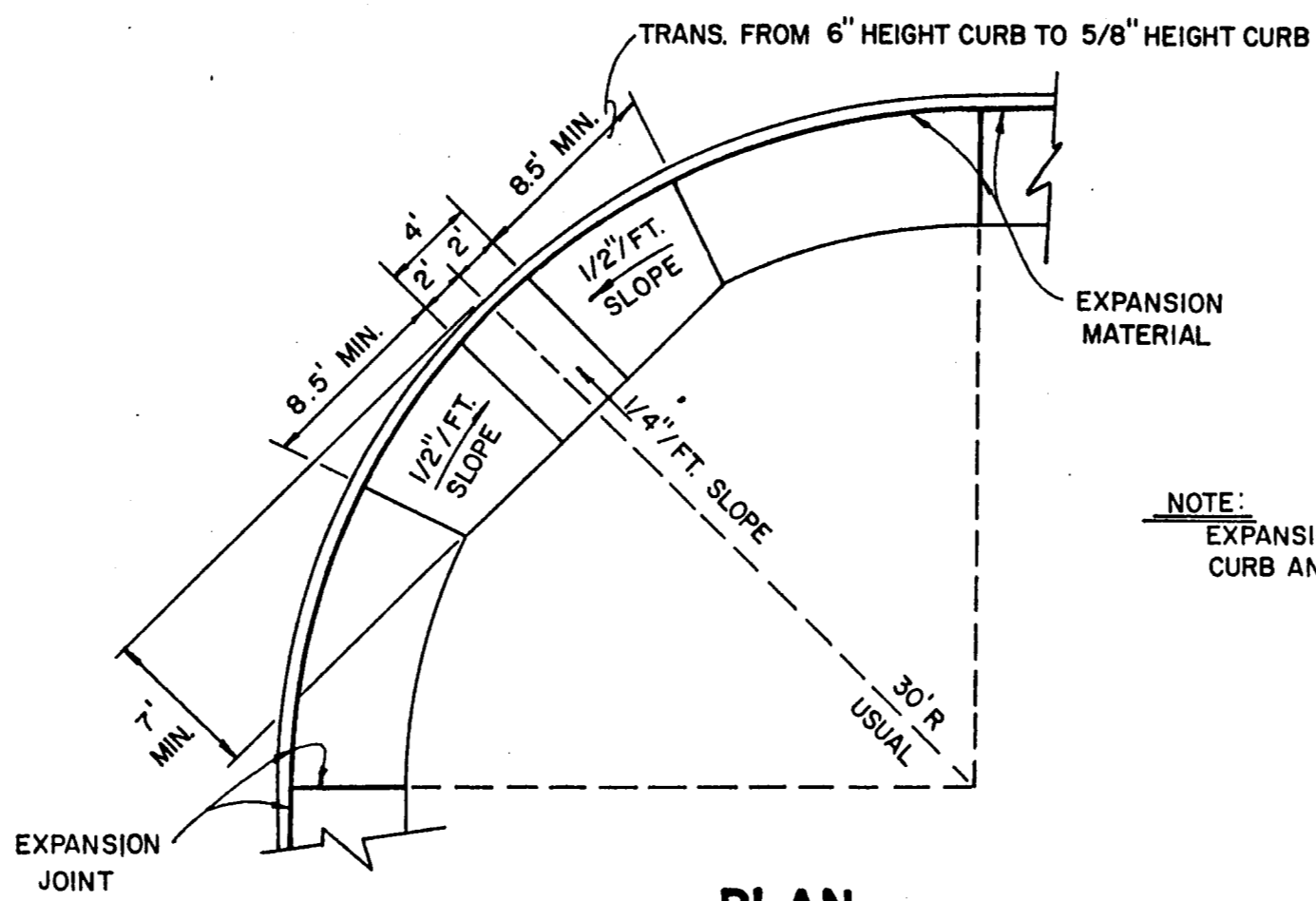
**PLAN**

NOTE:  
MODIFY RAMP TO  
FIT DIFFERENT RADIUS



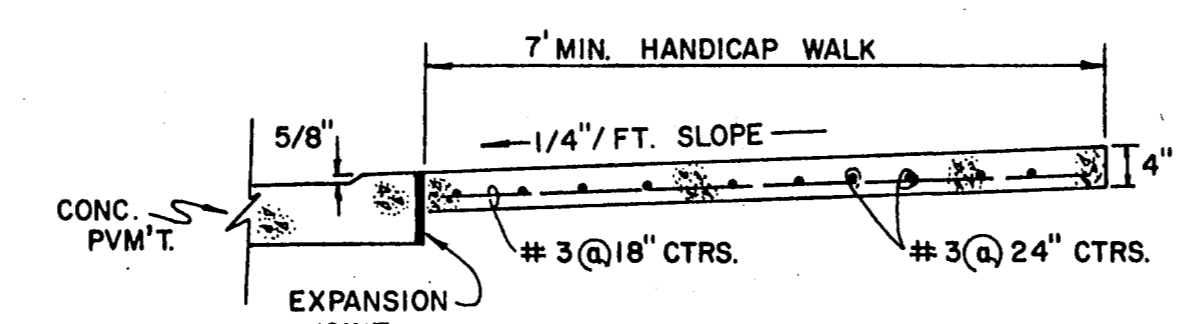
**SECTION**

**BARRIER FREE RAMP AT DRIVEWAY  
DETAIL**



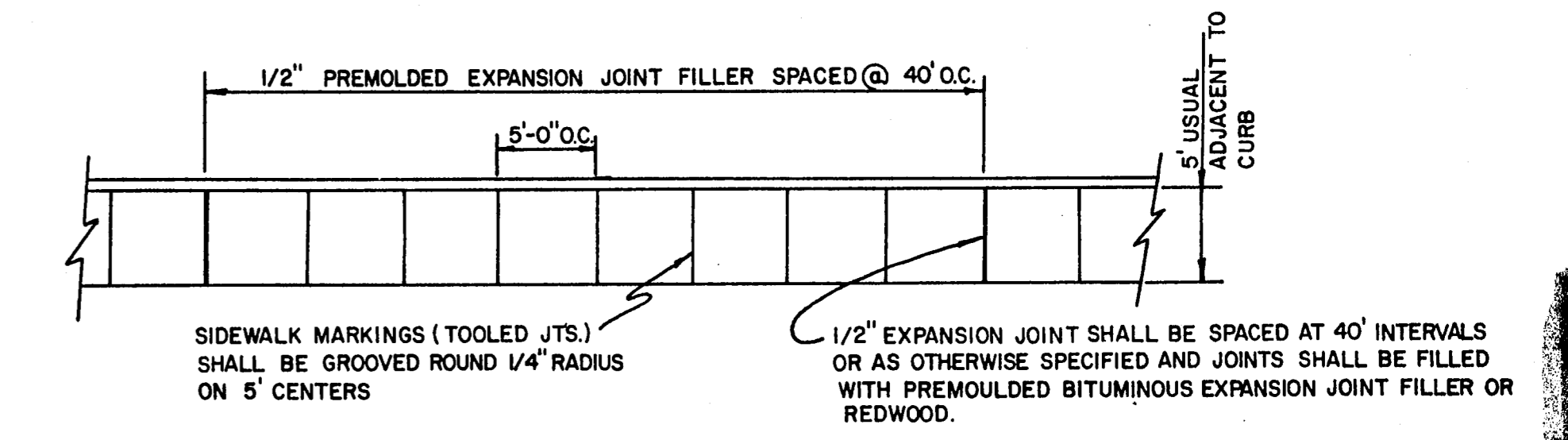
**PLAN**

NOTE:  
EXPANSION MATERIAL ALONG  
CURB AND AT CURB RETURNS

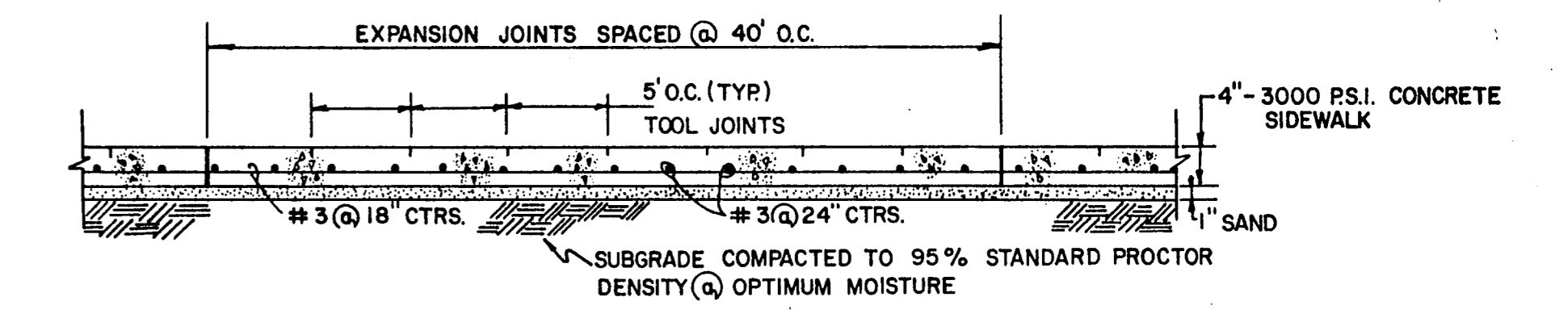


**SECTION**

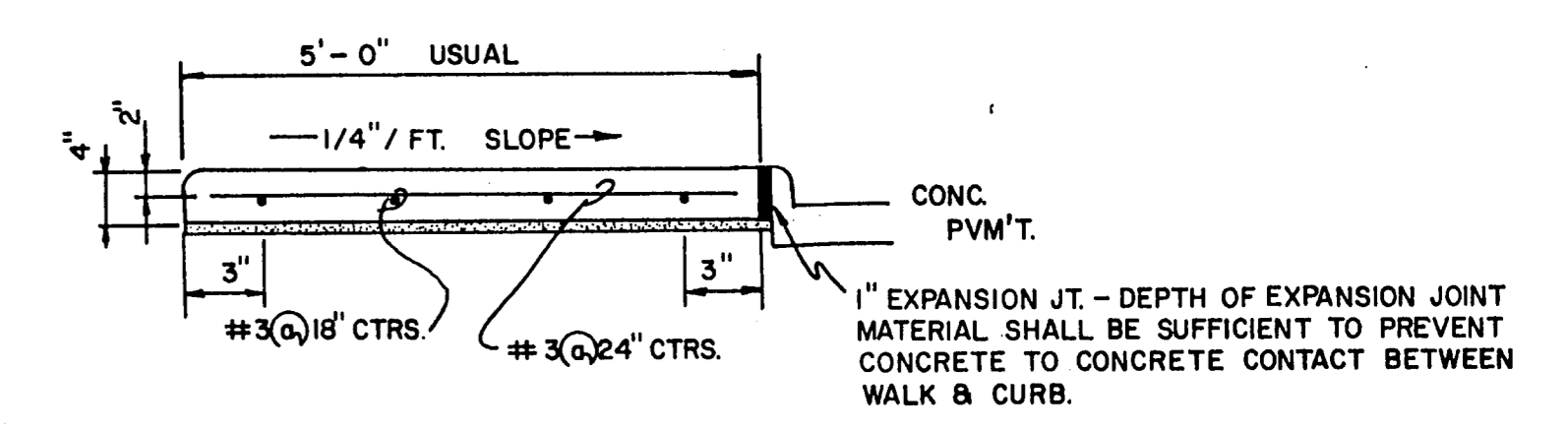
**HANDICAP ROLL-DOWN CURB DETAIL**



**PLAN**



**SIDE ELEVATION**



**SECTION**

**CONCRETE SIDEWALK DETAIL**

**GENERAL NOTES**

1. Reinforced concrete sidewalk shall be five (5) feet wide, a minimum of four (4) inches thick and shall be 3000 psi at 28 days (5 sack mix).
2. Chamfer all exposed edges of concrete (1/4) inch.
3. All bar dimensions are given as center to center of bars and are located as shown.
4. All reinforcing steel shall be No. 3 on 18 inch centers longitudinally, 24 inch centers transversely and shall conform to the requirements of ASTM A-615, Grade 60.
5. 1" thick min. fine, washed sand cushion shall be free from organic materials or clays and shall be used for grade adjustment.
6. Subgrade shall be compacted to a density not less than 95% at optimum moisture.
7. Tooled joints (contraction joints) shall be on five (5) foot centers and shall be round one-fourth (1/4) inch radius.
8. A one-half (1/2) inch expansion joint shall be placed every eight (8) tooled joints, and where works abut old work, or where new work is constructed adjacent to other concrete, a one (1) inch expansion joint shall be used where sidewalk is adjacent to curb, the expansion joint shall be made of pre-molded bituminous expansion joint filler or redwood.
9. Sidewalks shall be finished by lightly brooming surface transversely to direction of main traffic or where adjacent sidewalks differ from this standard, new sidewalks shall conform to adjacent sidewalk (e.g. exposed aggregate).
10. Cross slope walk one-fourth (1/4) inch per foot towards curb or as shown on the drawings to provide drainage.
11. All trees, bushes, and shrubs in the path of construction will be replaced or relocated by owner.

NO.	REVISION	BY	DATE
<b>TOWN OF ADDISON, TEXAS</b> <b>DEPARTMENT OF ENGINEERING</b>			
<b>STANDARD CONSTRUCTION DETAILS</b> <b>PAVING</b>			
<b>SIDEWALKS &amp; RAMPS</b>			
APPROVED _____		H. WAYNE GINN, P.E.	
DATE AUGUST, 1988		50-7A	