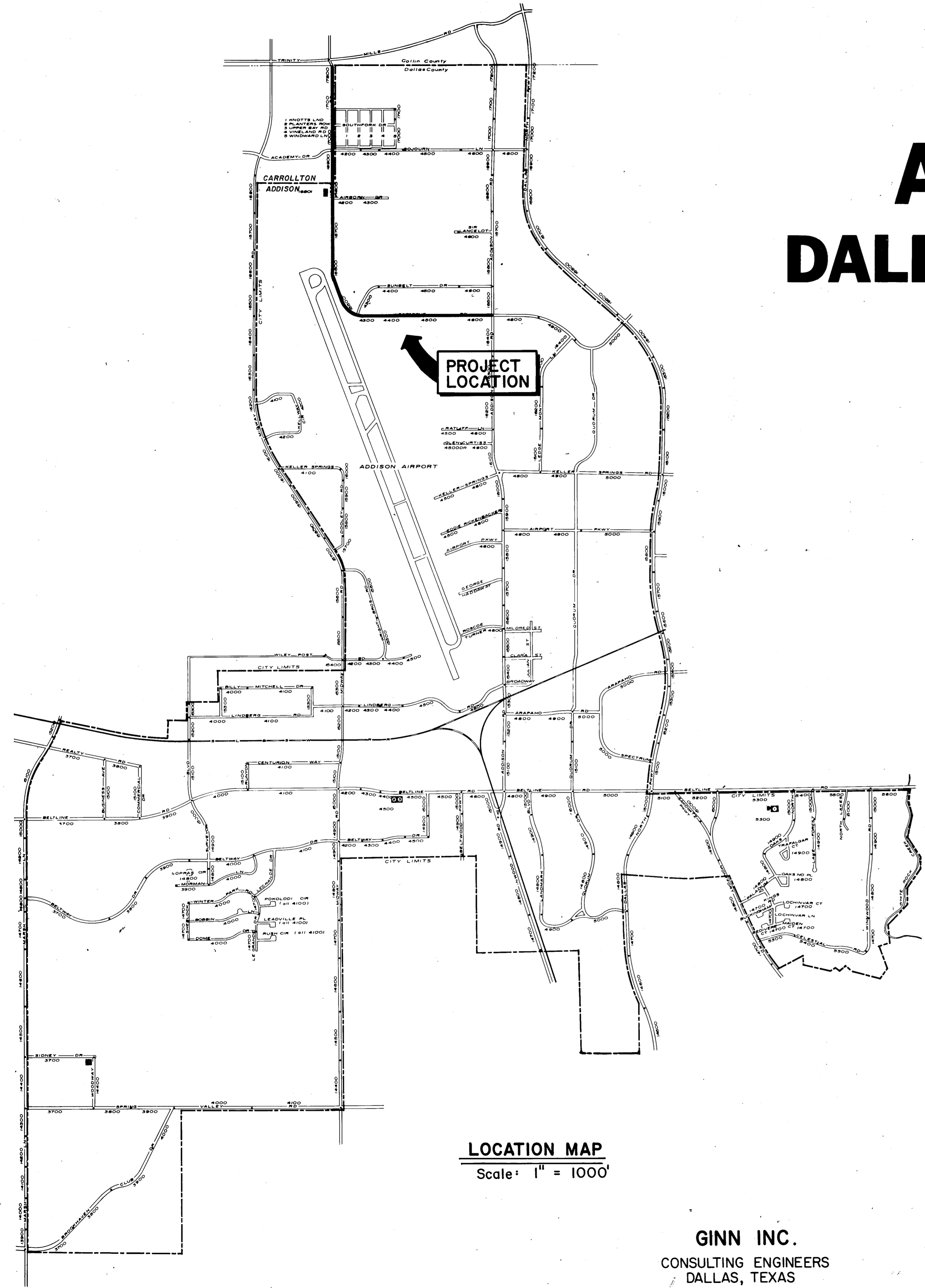


5-33-85

CITIES OF ADDISON & CARROLLTON DALLAS & COLLIN COUNTIES, TEXAS



LOCATION MAP
Scale: 1" = 1000'

GINN INC.
CONSULTING ENGINEERS
DALLAS, TEXAS

CONSTRUCTION PLANS FOR :

WESTGROVE RD.-VOSS RD.
PAVING AND DRAINAGE IMPROVEMENTS
PROJECT LENGTH: ± 6591'

1982

CITY OF CARROLLTON

LEDDIE TAYLOR - MAYOR
COUNCIL MEMBERS:
CAROLYN STANDRIDGE
DAVE GILMORE
PAT ARNOLD
KENNY MARCHANT
MILBURN GRAVLEY
JOE KING
DICK ERICKSON
CLONIS LUAllen - CITY MANAGER
JIM JENNE - DIRECTOR of
COMMUNITY DEVELOPMENT

CITY OF ADDISON

JERRY J. REDDING - MAYOR
COUNCIL MEMBERS:
JOHN B. ALLEN
RICHARD RODER
WILLIAM F. SELLMAYER
BARRY FINKELSTEIN
STEWART BEATTY
RONALD N. WHITEHEAD - CITY MANAGER
GEORGE DOWLING, P.E. - DIRECTOR of
COMMUNITY DEVELOPMENT

CITY OF CARROLLTON

Approved By: *[Signature]*

Date: 9-30-82

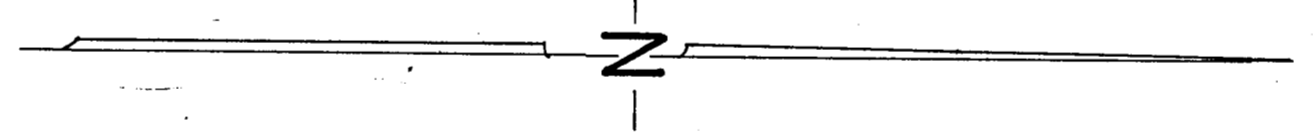
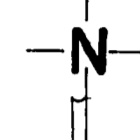
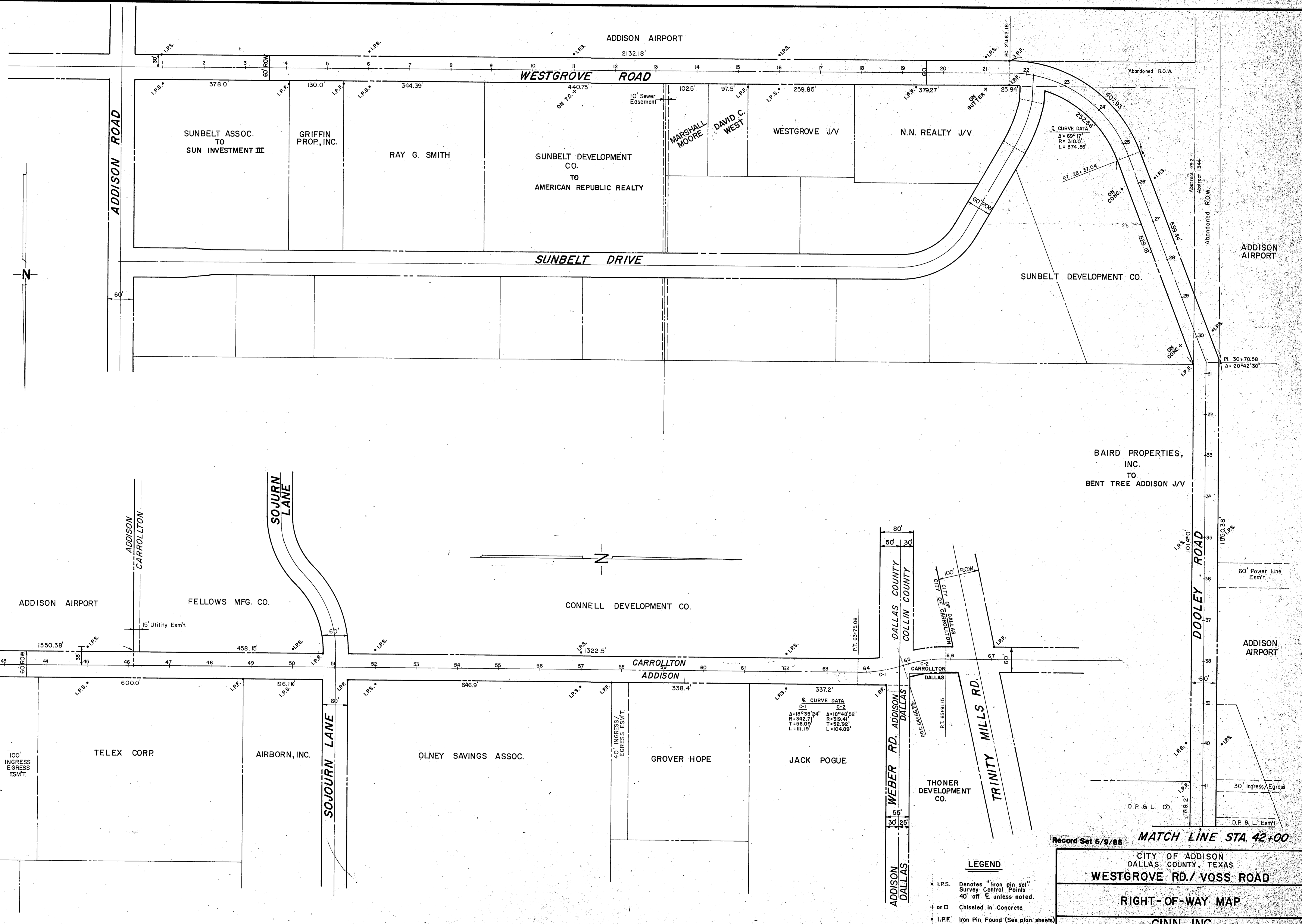
CITY OF ADDISON

Approved By: *[Signature]*

Date: 9-30-82

WESTGROVE RECORD SET

53-9



MATCH LINE STA. 42+00

Record Set 5/9/85 MATCH LINE STA. 42+00

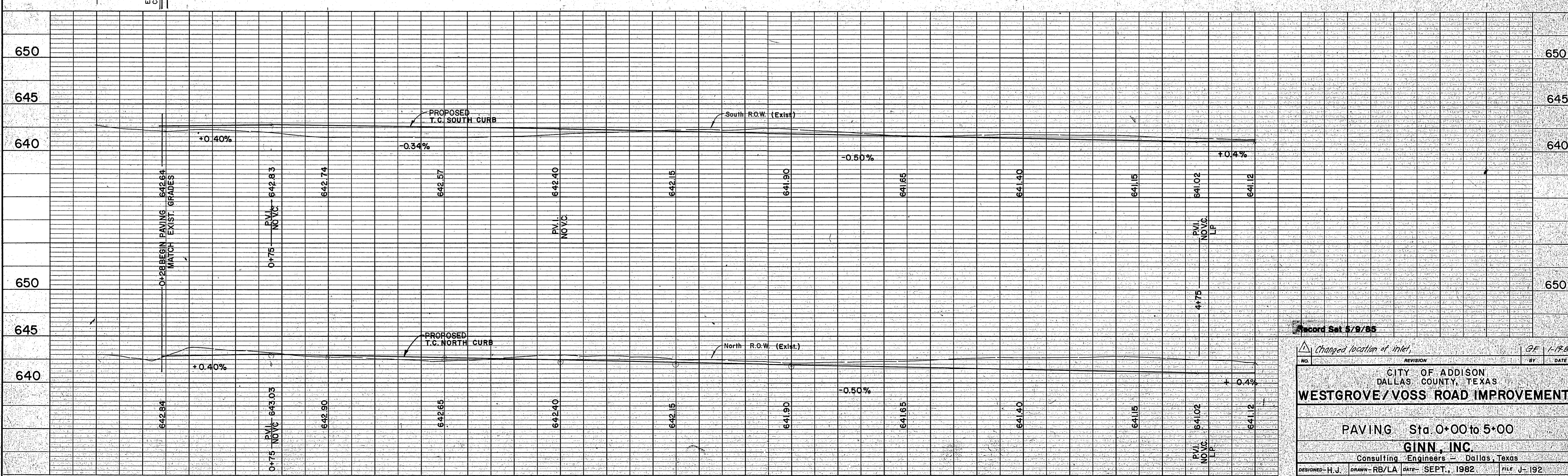
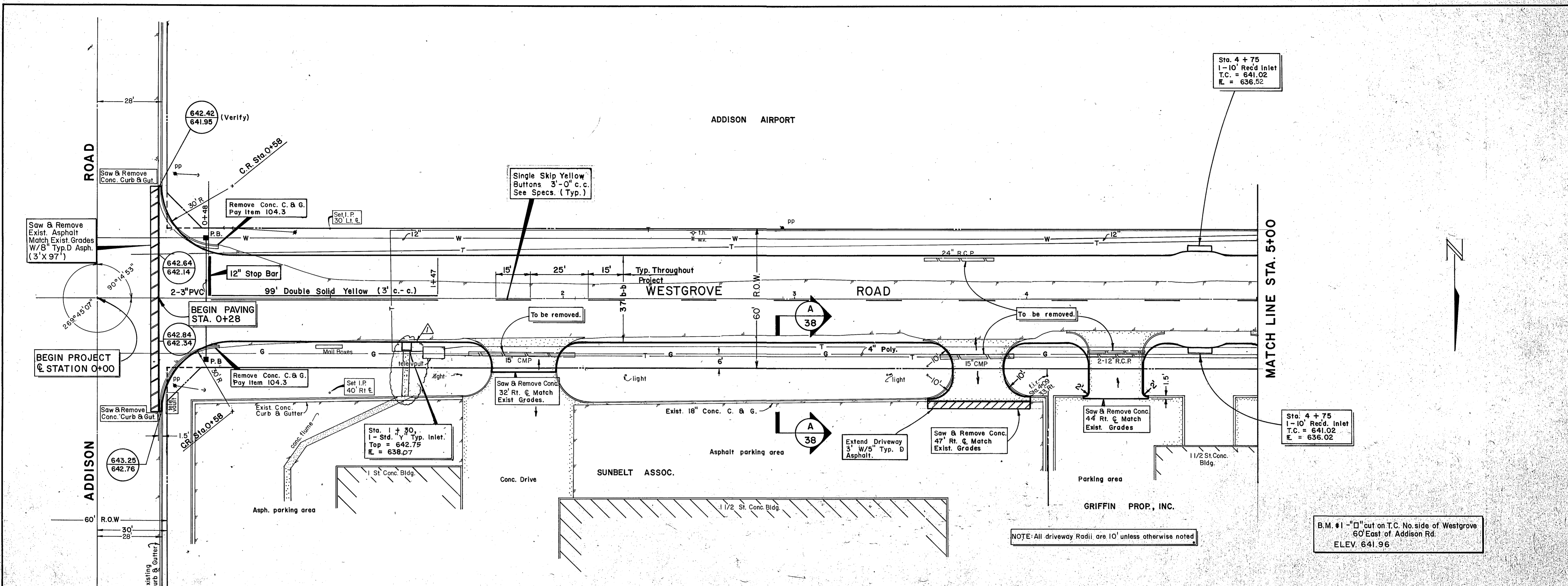
CITY OF ADDISON
DALLAS COUNTY, TEXAS
WESTGROVE RD./ VOSS ROAD

RIGHT-OF-WAY MAP

- LEGEND**
- I.P.S. Denotes "Iron pin set" Survey Control Points 40' off & unless noted.
 - + or □ Chiseled in Concrete
 - I.P.F. Iron Pin Found (See plan sheets)

GINN, INC.
Consulting Engineers - Dallas, Texas

Designed - WK	Drawn - G.F.	Date - SEPT., 1982	Job No. - J-192
Approved -	Checked -	Scale - 1" = 100'	Sheet 2 of



Record Set 5/9/85

REVISION: *Changed location of inlet* BY: GE DATE: 1-1983

CITY OF ADDISON
DALLAS COUNTY, TEXAS

WESTGROVE/VOSS ROAD IMPROVEMENTS

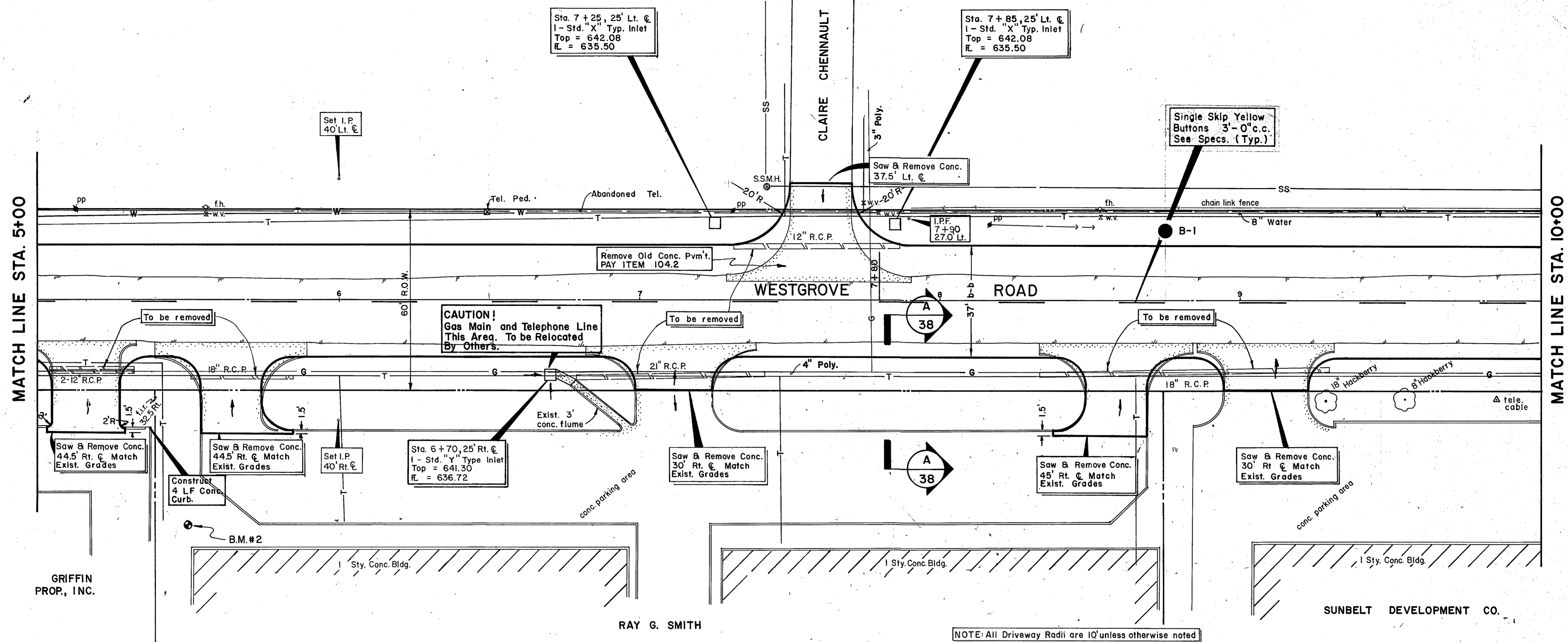
PAVING Sta. 0+00 to 5+00

GINN, INC.
Consulting Engineers - Dallas, Texas

DESIGNED-H.J. DRAWN-RB/LA DATE- SEPT., 1982. FILE J-192

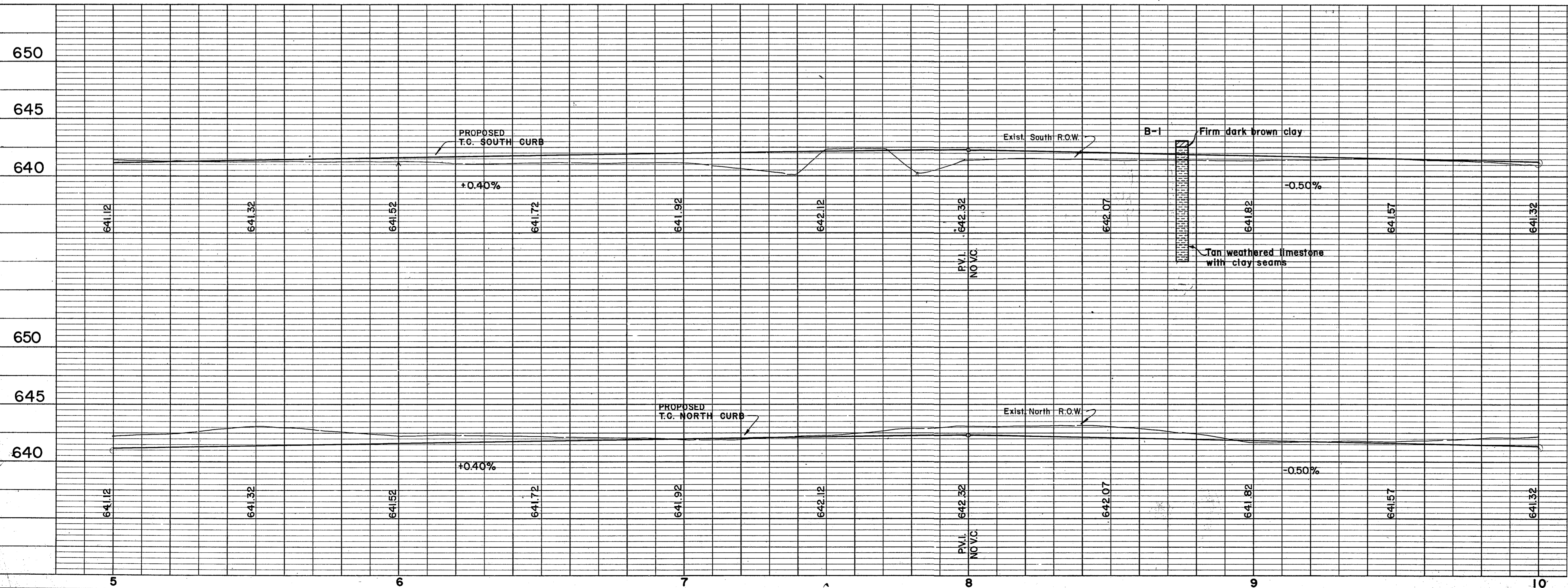
APPROVED-HWG. CHECKED-HBJ. SCALE-H-1"=20' V-1"=5' SHEET 4 of 4

ADDISON AIRPORT



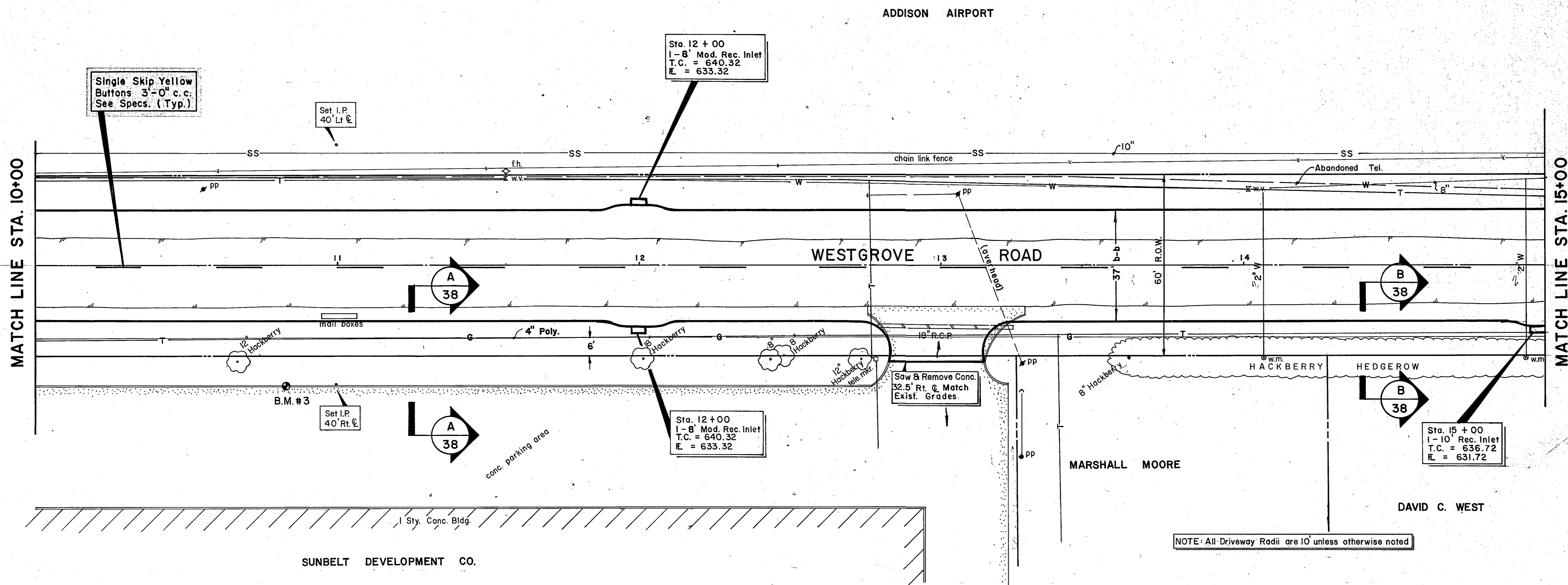
B.M. #2 - 2'-0" cut on first step East corner. 4559 Westgrove Sta. 5+50±
ELEV. 644.46

NOTE: All Driveway Radii are 10' unless otherwise noted



Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 5+00 to 10+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-H.J.	DRAWN-RB/LA	DATE SEPT., 1982	FILE J-192
APPROVED-HWG.	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 5 OF 5



Single Skip Yellow Buttons 3'-0" c.c. See Specs. (Typ.)

Set I.P. 40' Lt. E

Sta. 12+00
1-8' Mod. Rec. Inlet
T.C. = 640.32
E. = 633.32

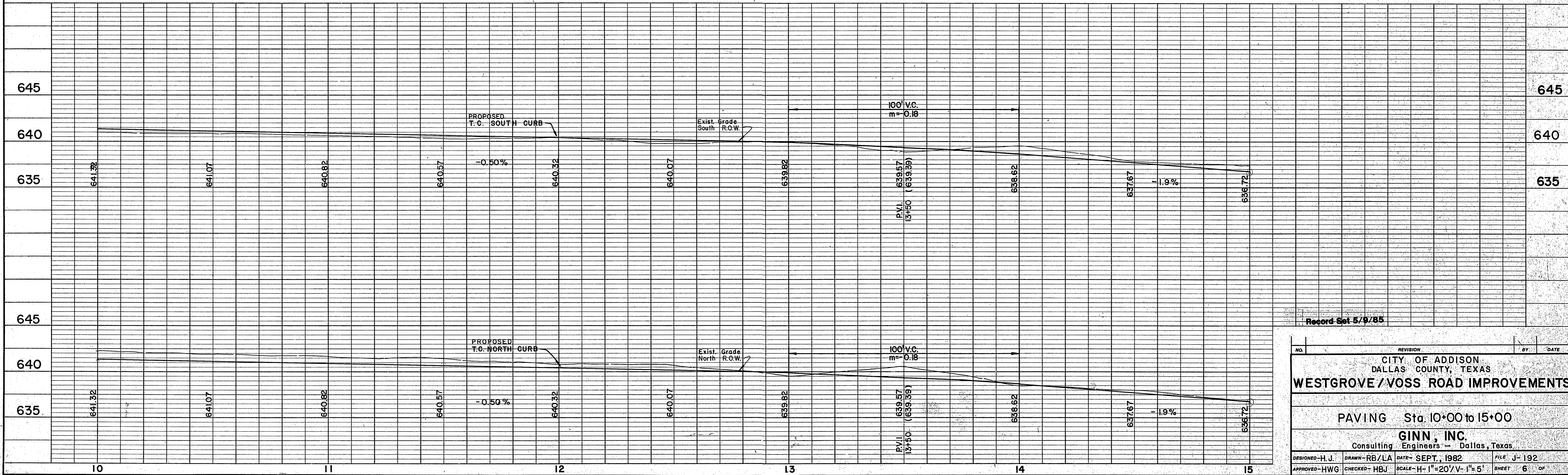
Set I.P. 40' Rt. E

Sta. 12+00
1-8' Mod. Rec. Inlet
T.C. = 640.32
E. = 633.32

Sta. 15+00
1-10' Rec. Inlet
T.C. = 636.72
E. = 631.72

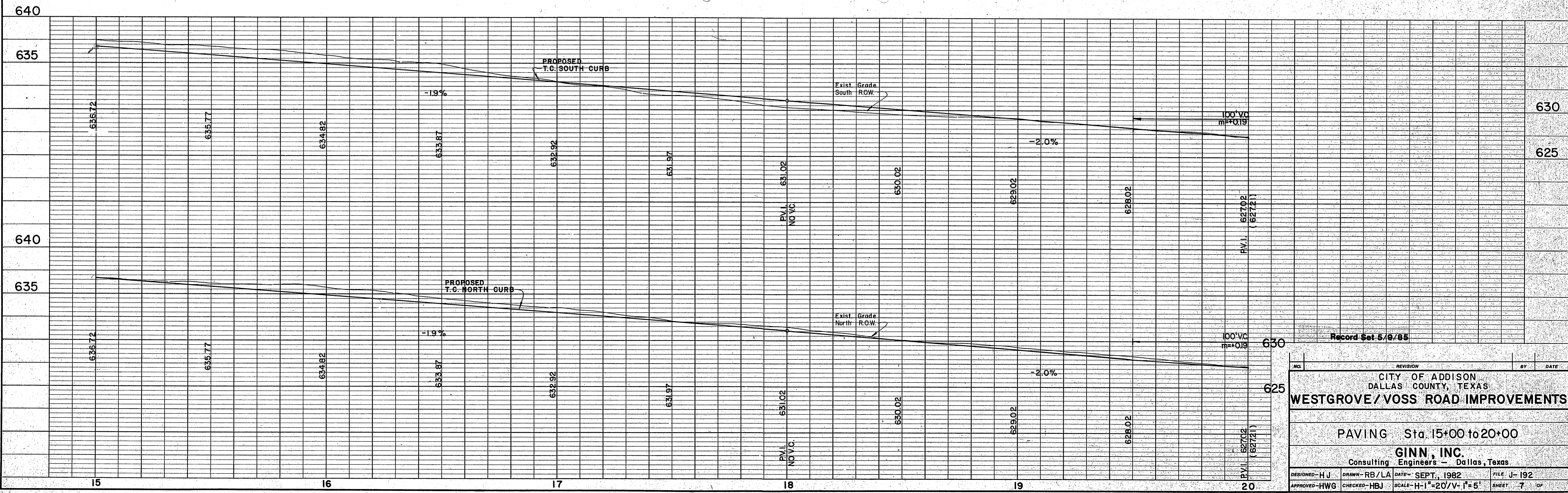
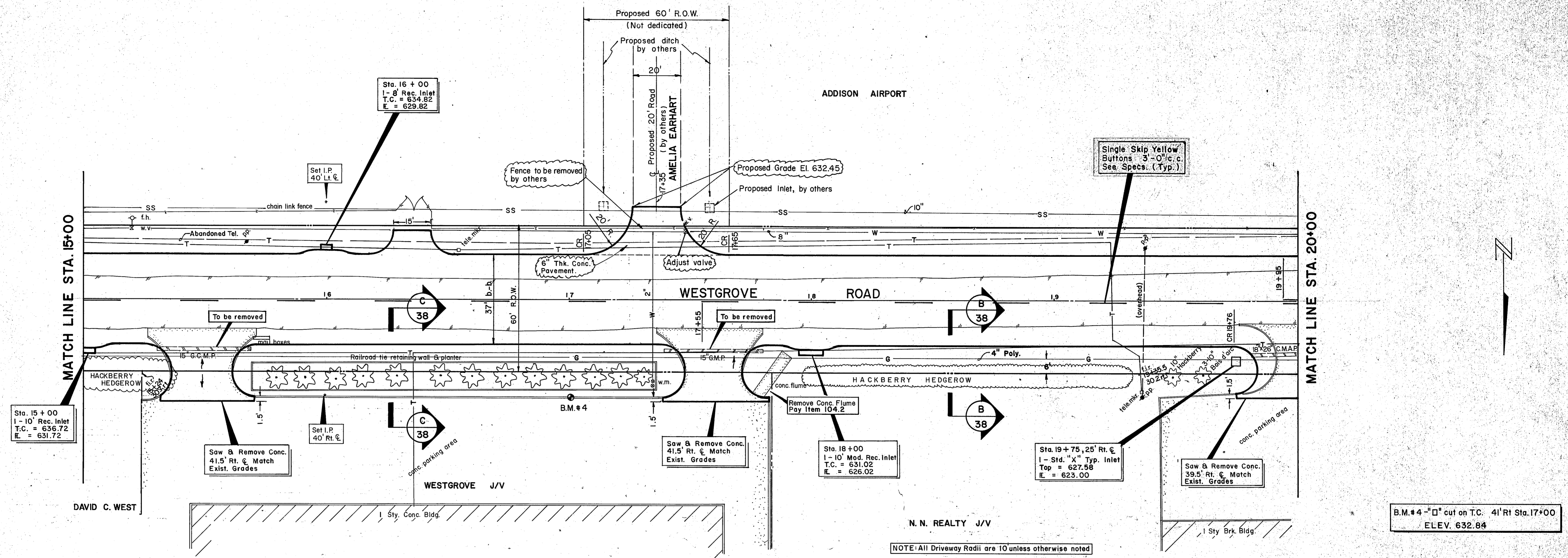
NOTE: All Driveway Radii are 10' unless otherwise noted.

B.M. #3 - "I" cut on T.C. 40' Rt. Sta. 10+82
(4411 Westgrove)
ELEV. 641.74

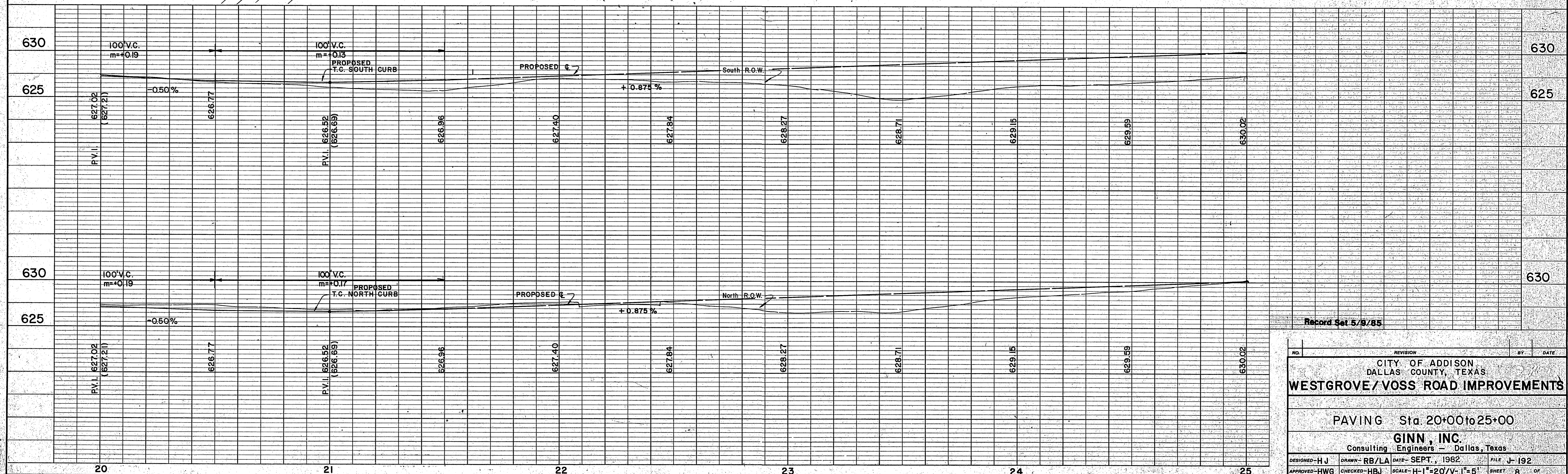
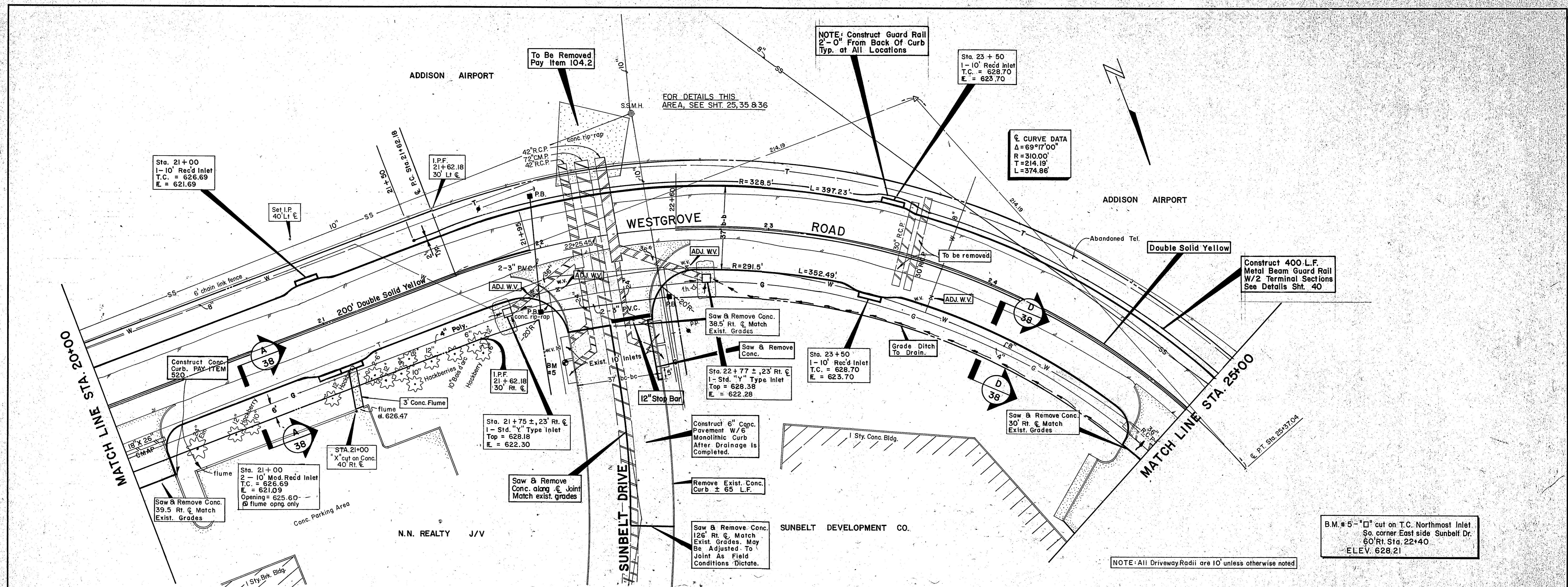


Record Set 5/9/85

NO.	REVISION	BY:	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 10+00 to 15+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-H.J.	DRAWN-RB/LA	DATE- SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 6 OF 6

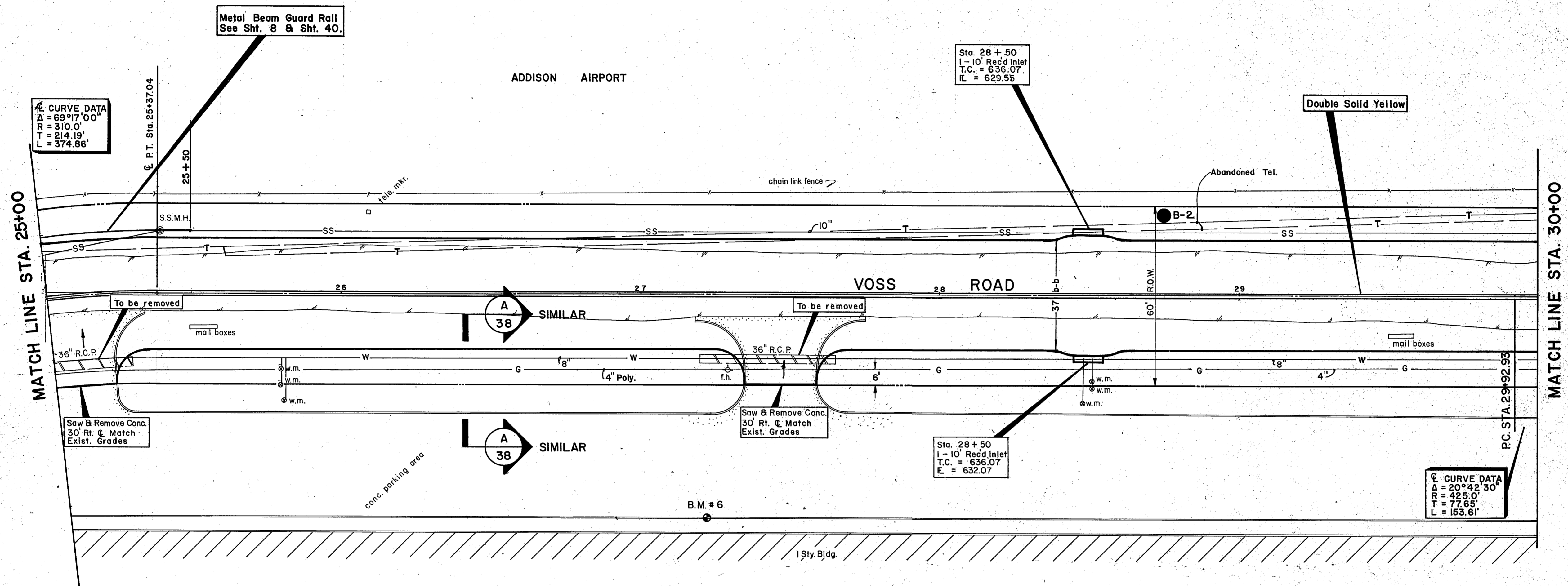


NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
PAVING Sta. 15+00 to 20+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - HJ	DRAWN - RB/LA	DATE - SEPT, 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1"=20'/V-1"=5'	SHEET 7 OF 7



Record Set 5/8/85

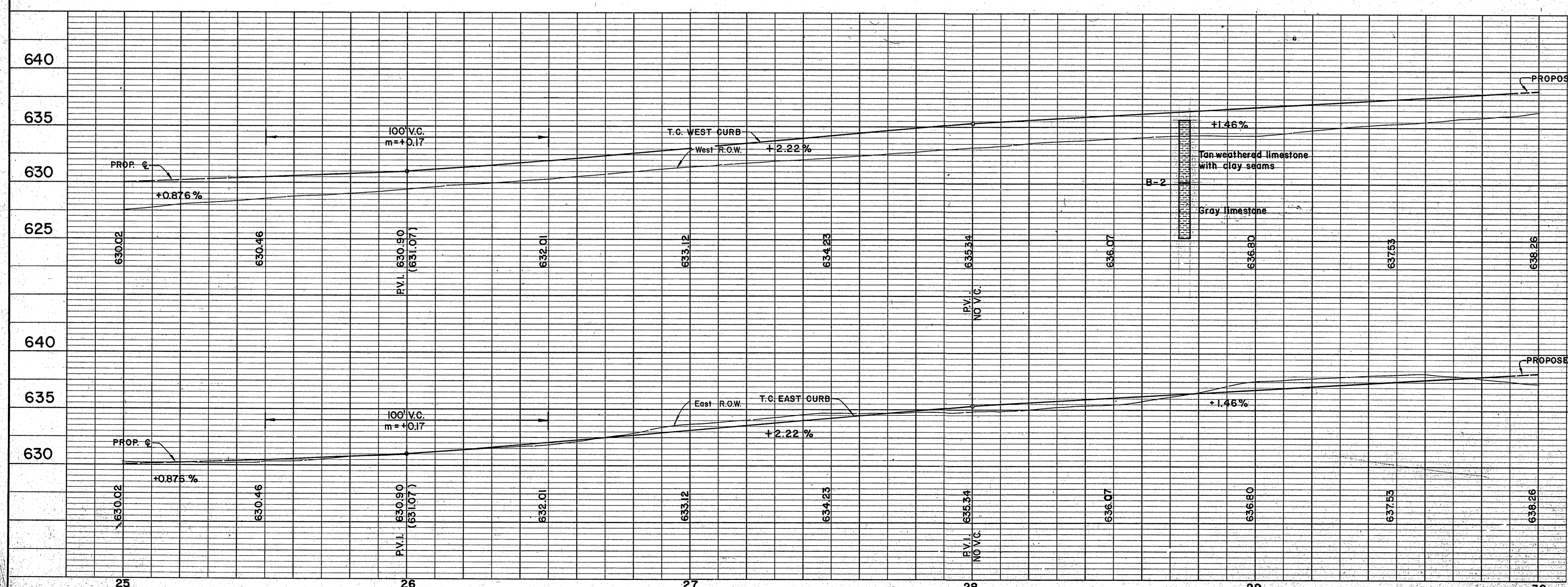
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 20+00 to 25+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-HJ	DRAWN-RB/LA	DATE-SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 8 OF



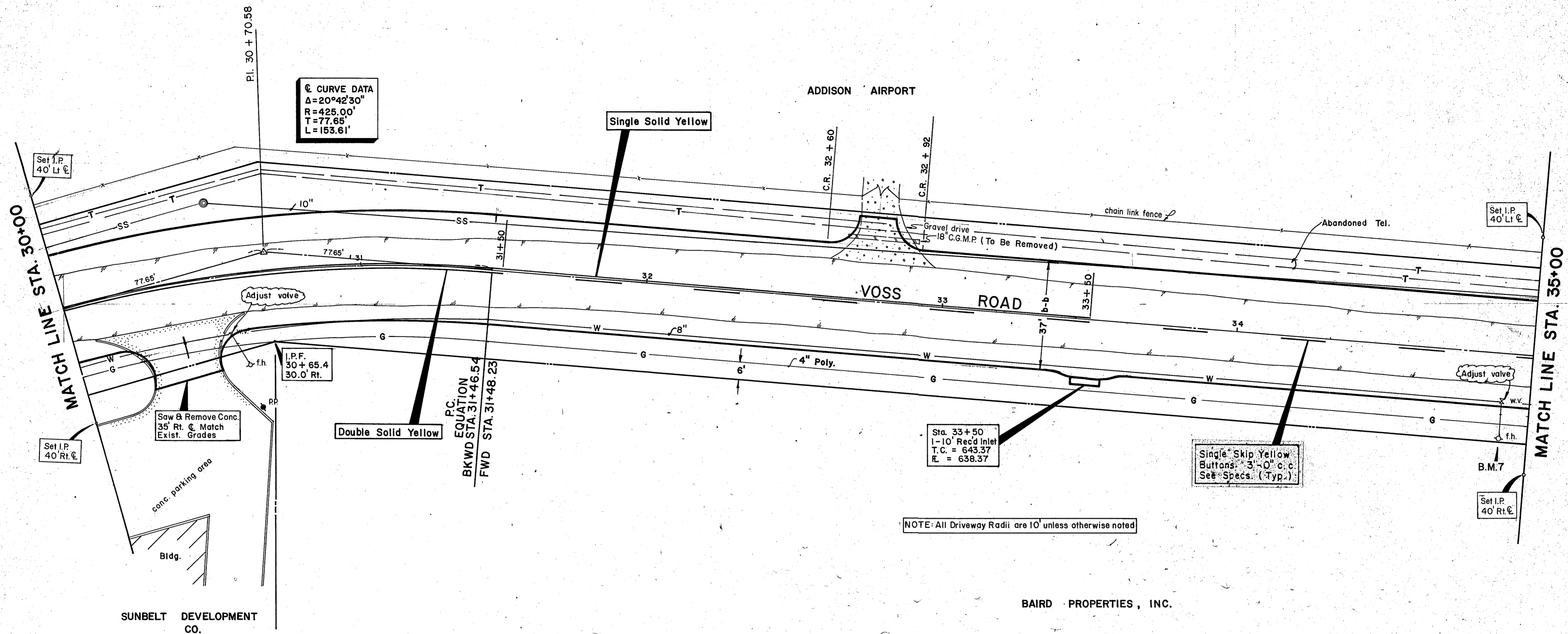
SUNBELT DEVELOPMENT CO.

NOTE: All Driveway Radii are 10' unless otherwise noted

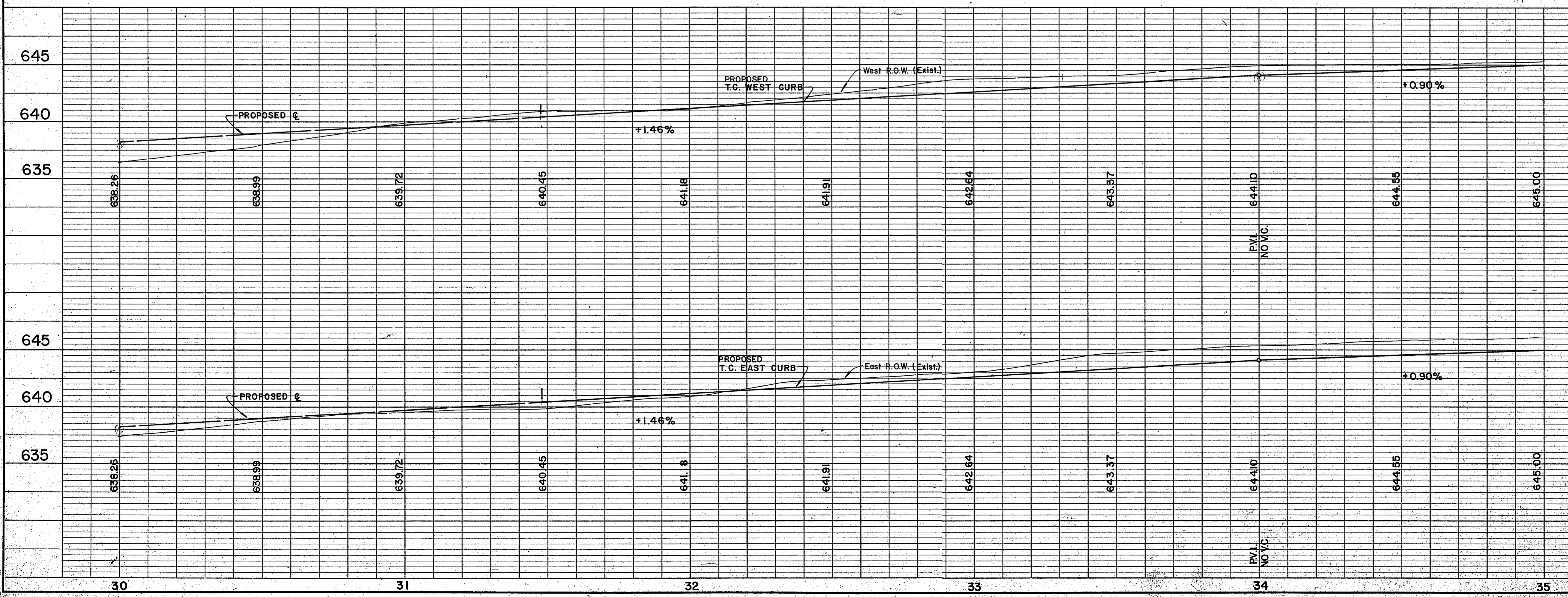
B.M. # 6 - "□" cut on T.C. 39' Rt. Sta. 27+20
(16518, Westgrove)
ELEV. 635.71



NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
PAVING Sta. 25+00 to 30+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - H J	DRAWN - RB/LA	DATE - SEPT, 1982	FILE - J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H=1"=20', V=1"=5'	SHEET 9 OF 9



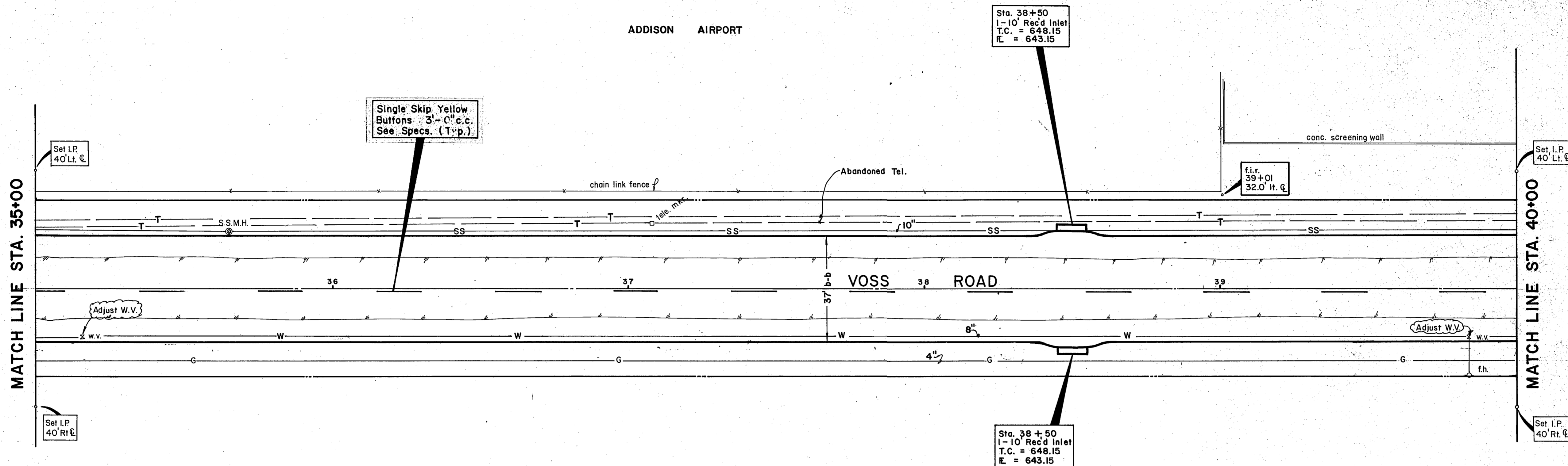
B.M. #7 - Top F.H. 28.5' Rt. Sta. 34+91.50
ELEV. 649.13



Record Set 5/9/85

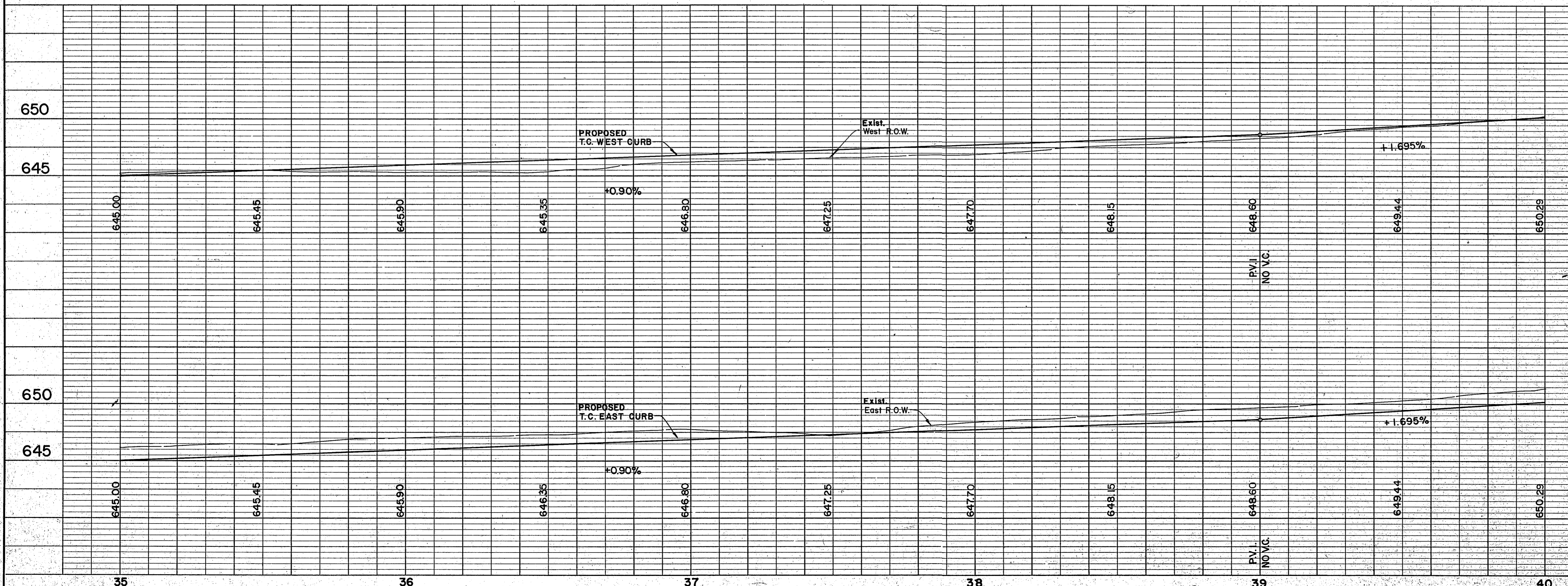
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 30+00 to 35+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-HJ	DRAWN-RGB/LA	DATE- SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 10 OF 10

ADDISON AIRPORT



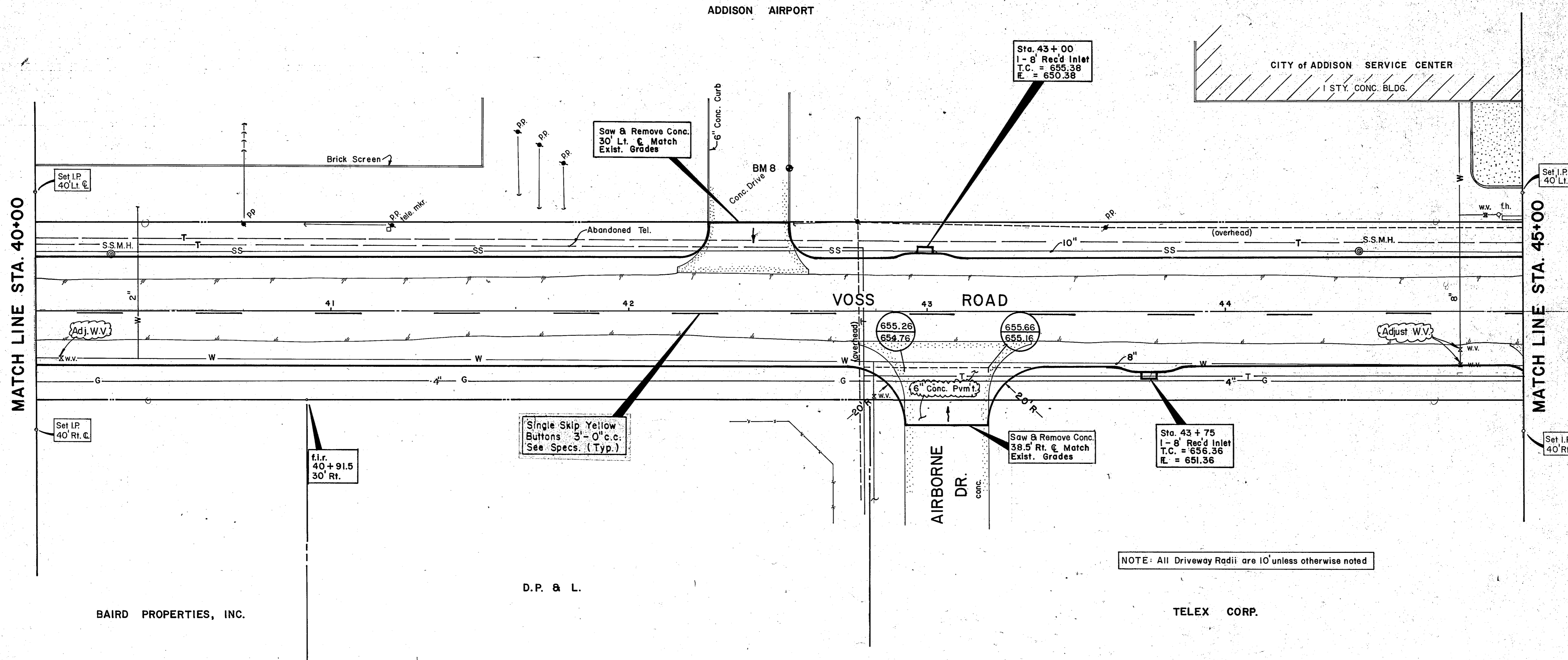
BAIRD PROPERTIES, INC.

B.M. # 7 - Top F.H. 28.5 Rt. Sta. 34+91.5
ELEV. 649.13



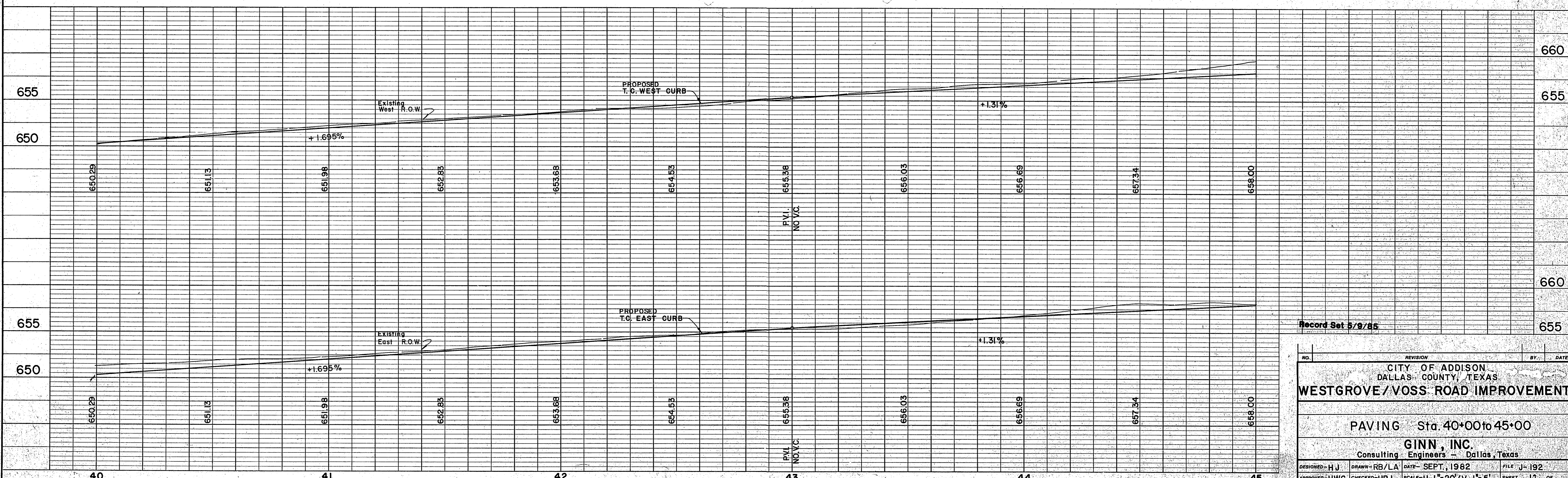
Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 35+00 to 40+00			
GINN, INC. Consulting Engineers Dallas, Texas			
DESIGNED-HJ	DRAWN-RB/LA	DATE-SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 11 OF 17



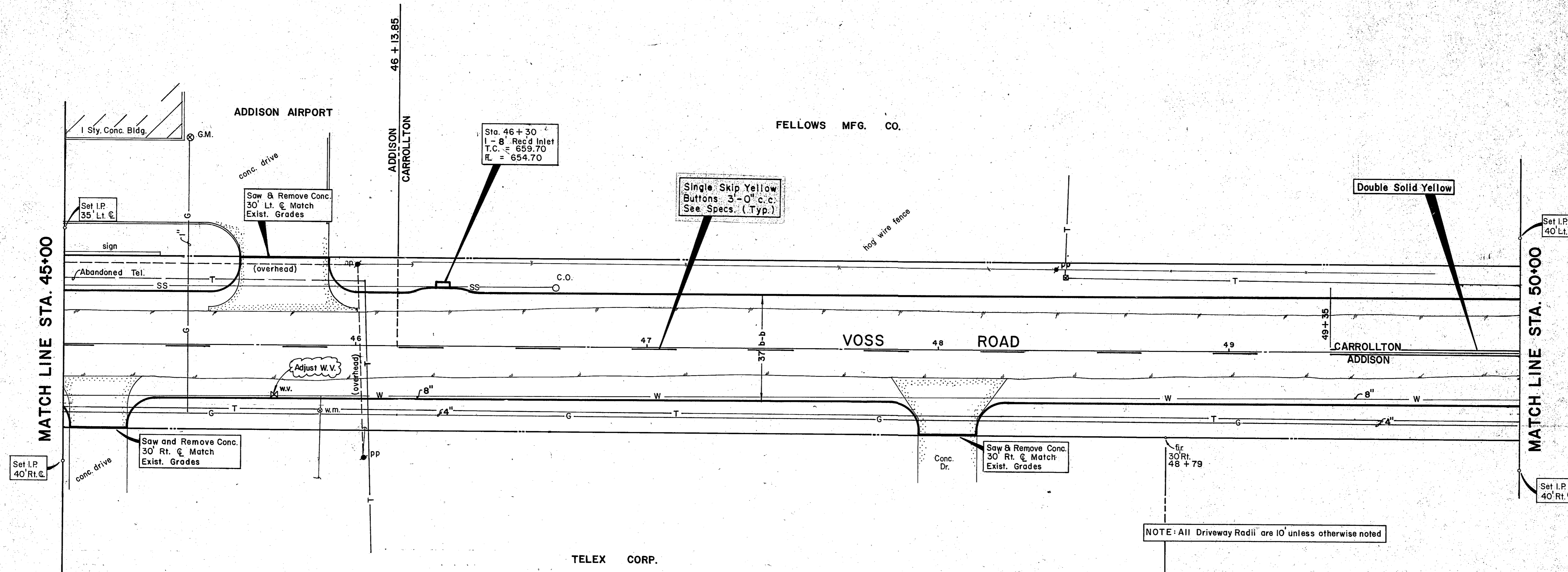
NOTE: All Driveway Radii are 10' unless otherwise noted

B.M.#8 - "□" cut on T.C. No. side of Drive
50' Lt. Sta. 42+55
ELEV. 654.92

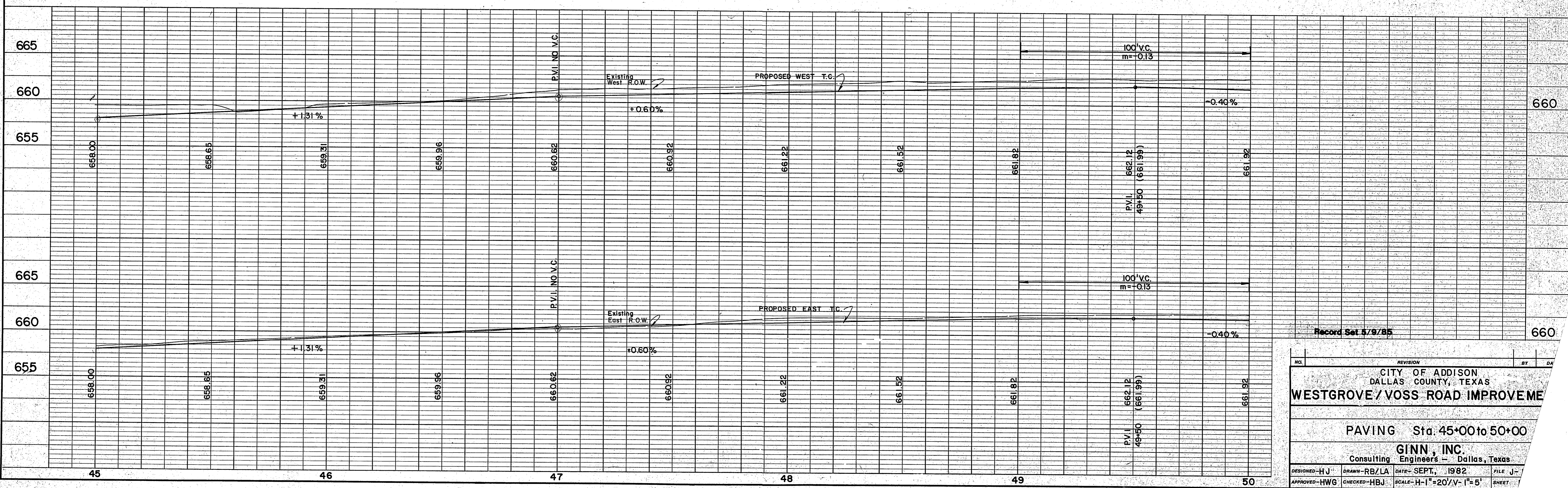


Record Set 5/9/85

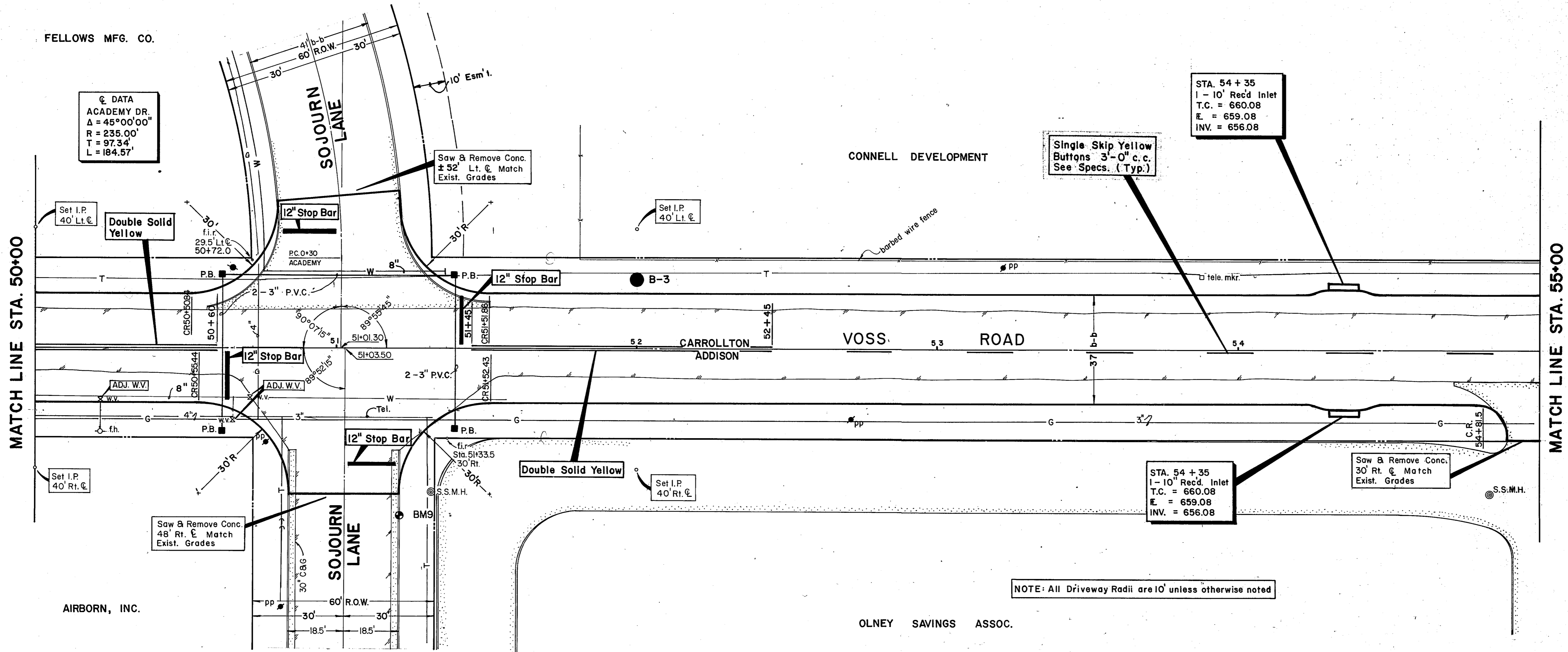
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 40+00 to 45+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - HJ	DRAWN - RB/LA	DATE - SEPT, 1982	FILE - J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1"=20'/V-1"=5'	SHEET 12 OF 12



B.M. #8-□ cut on T.C. on No. side of drive
50' Lt. Sta. 42+55
ELEV. 654.92



NO.	REVISION	BY	DA
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEME			
PAVING Sta. 45+00 to 50+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-HJ	DRAWN-RB/LA	DATE-SEPT, 1982	FILE J-
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET



☉ DATA
ACADEMY DR.
A = 45°00'00"
R = 235.00'
T = 97.34'
L = 184.57'

STA. 54+35
1 - 10" Rec'd Inlet
T.C. = 660.08
E. = 659.08
INV. = 656.08

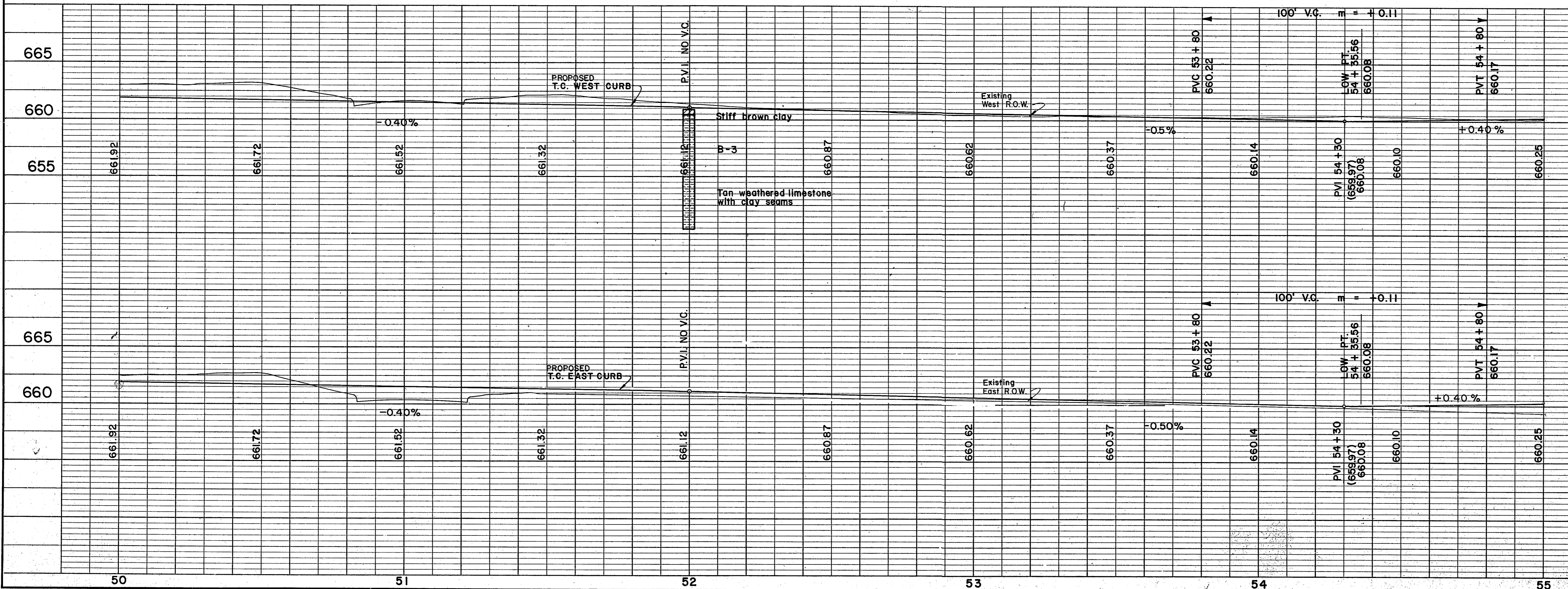
Single Skip Yellow
Buttons 3'-0" c.c.
See Specs. (Typ.)

STA. 54+35
1 - 10" Rec'd Inlet
T.C. = 660.08
E. = 659.08
INV. = 656.08

Saw & Remove Conc.
30' Rt. ☉ Match
Exist. Grades

NOTE: All Driveway Radii are 10' unless otherwise noted

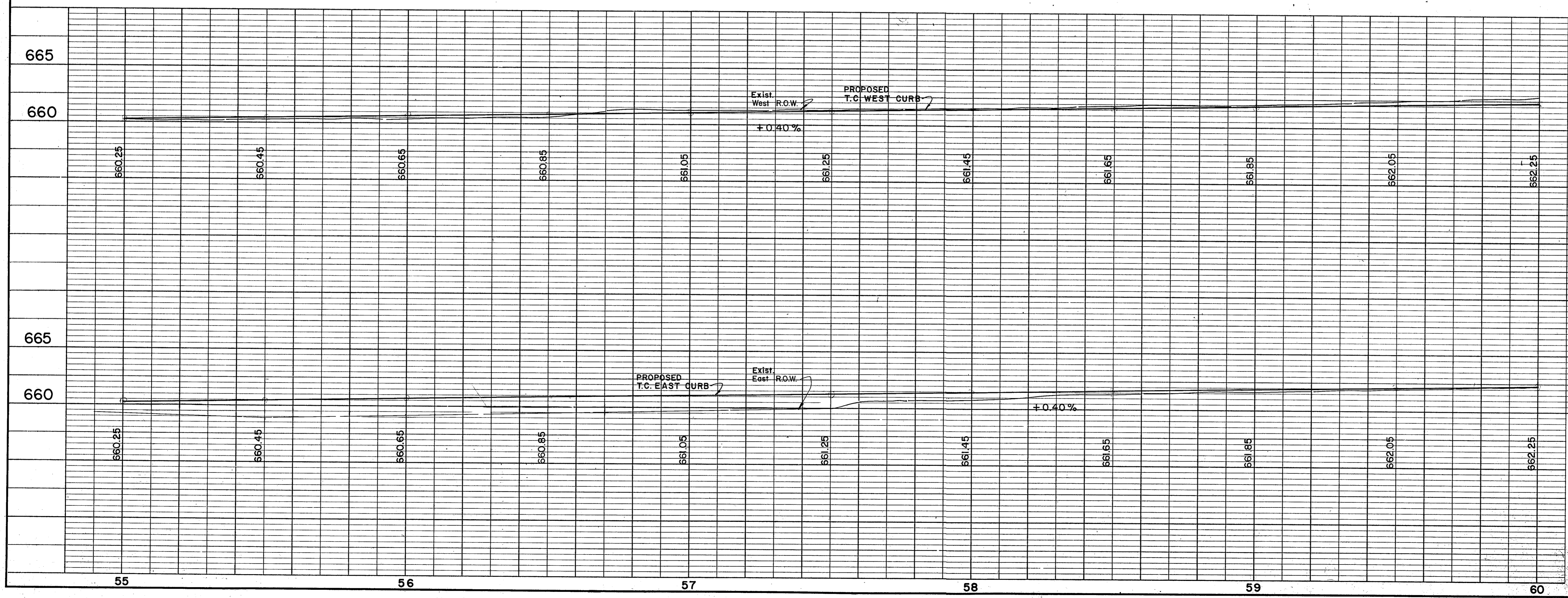
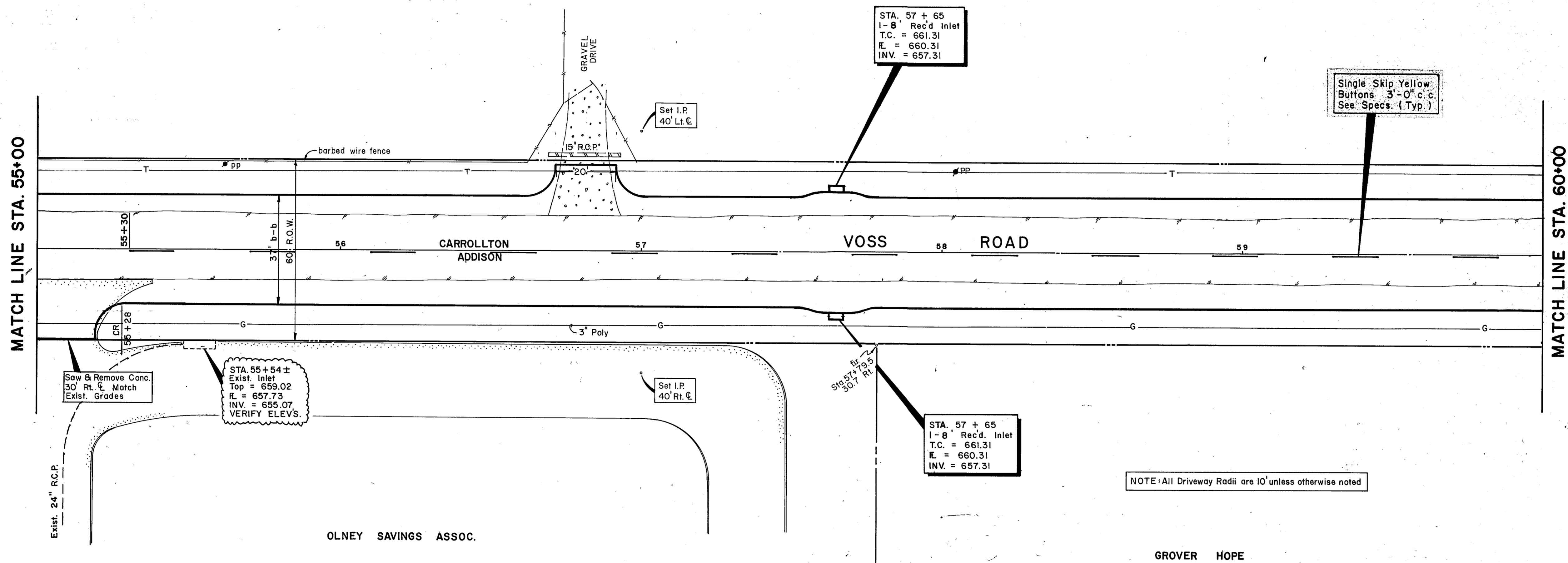
B.M.#9 - "□" cut on T.C. No. side Sojourn Ln.
55' Rt. Sta. 51+25
ELEV. 660.49



Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 50+00 to 55+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-H.J.	DRAWN-RB/LA	DATE- SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE- H-1"=20'/V-1"=5'	SHEET 14 OF

CONNELL DEVELOPMENT CO.



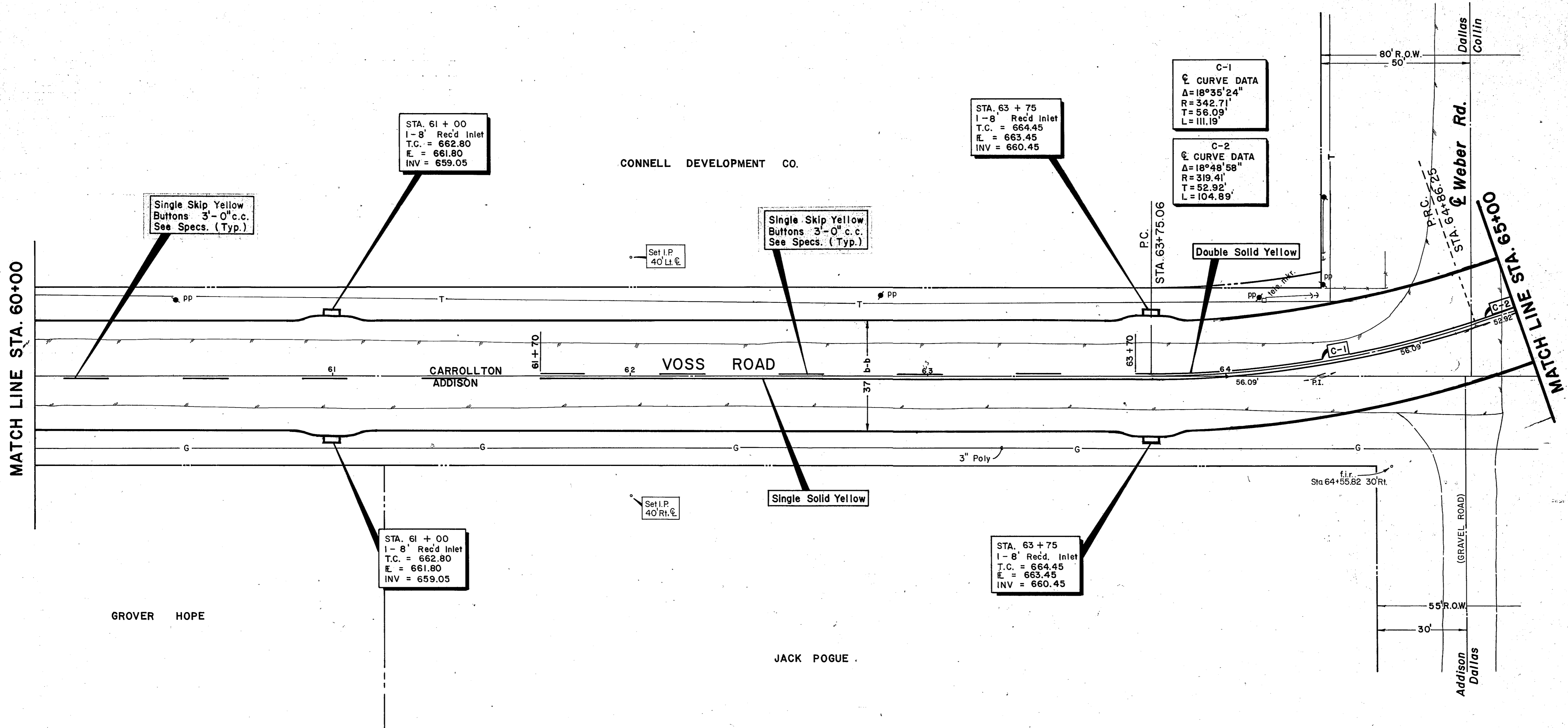
B.M. #9-\"/>

Record Set 5/9/85

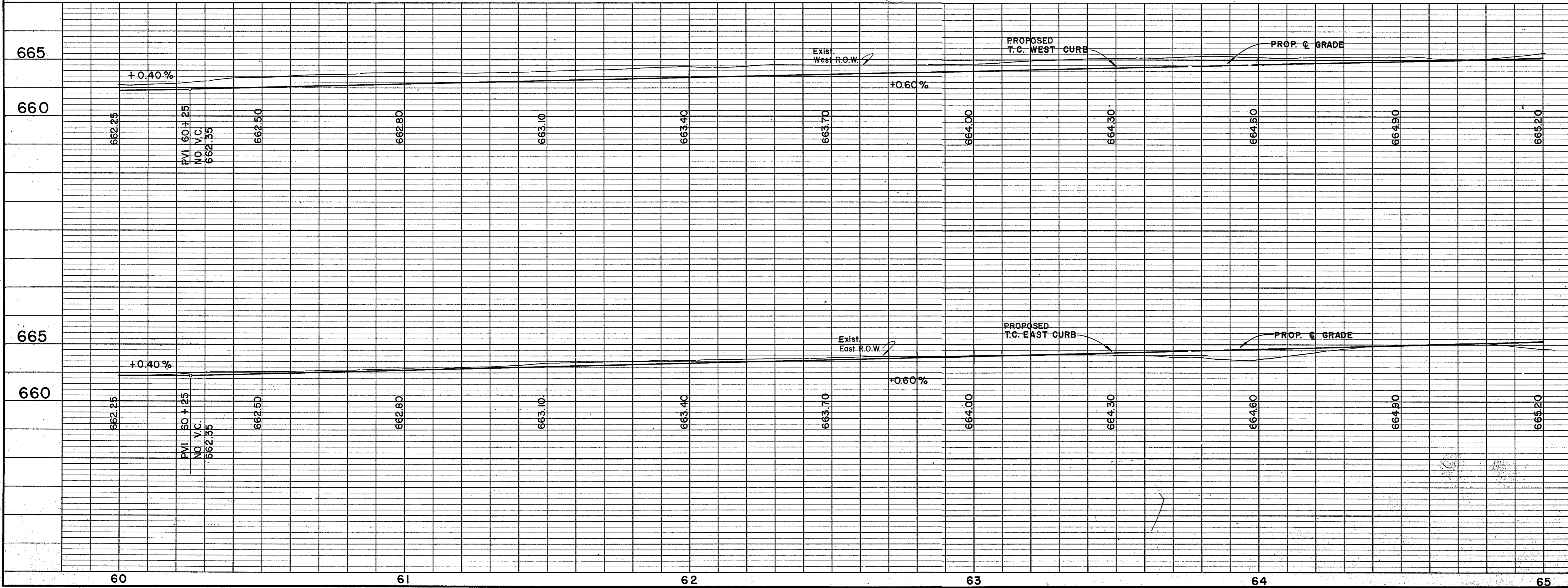
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE/VOSS ROAD IMPROVEMENTS			
PAVING Sta. 55+00 to 60+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-HJ	DRAWN-RB/LA	DATE-SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 15 OF 15

MATCH LINE STA. 60+00

MATCH LINE STA. 65+00

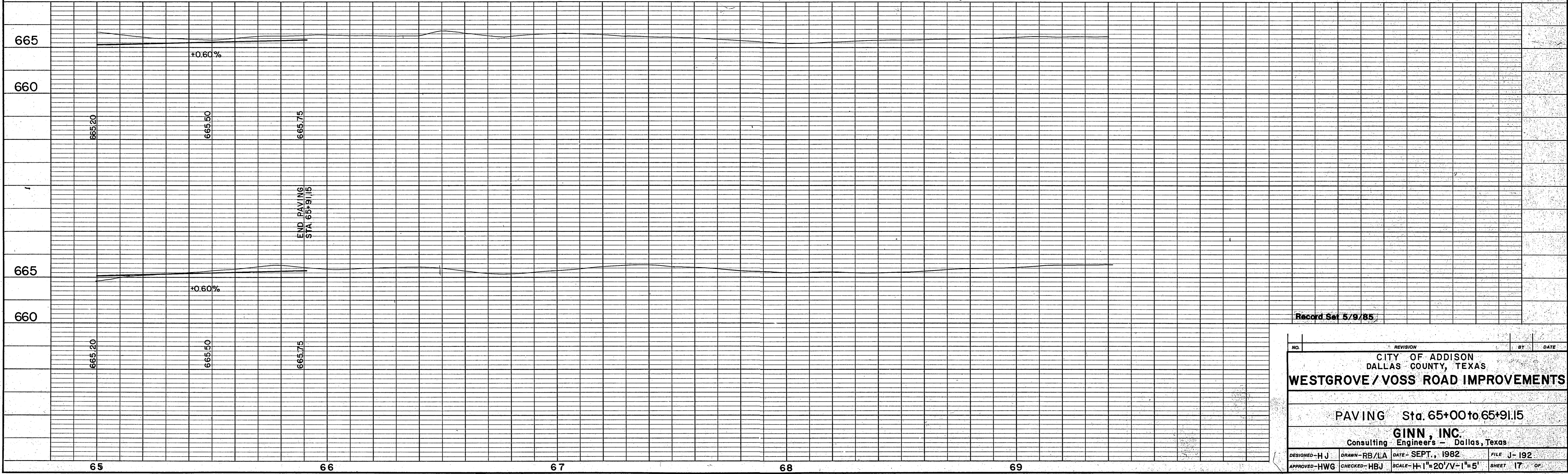
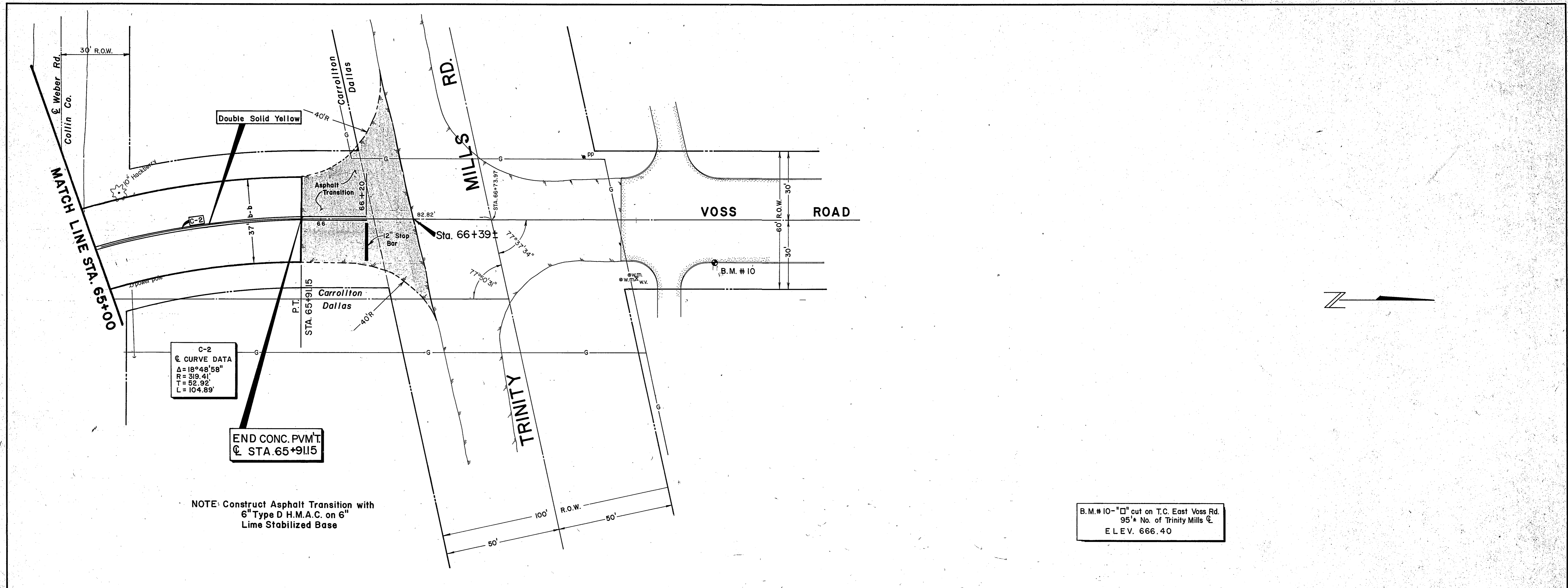


B.M. #9 - "□" cut on T.C. No. side Sojourn Ln.
55' Rt. Sta. 51+25
ELEV. 660.49

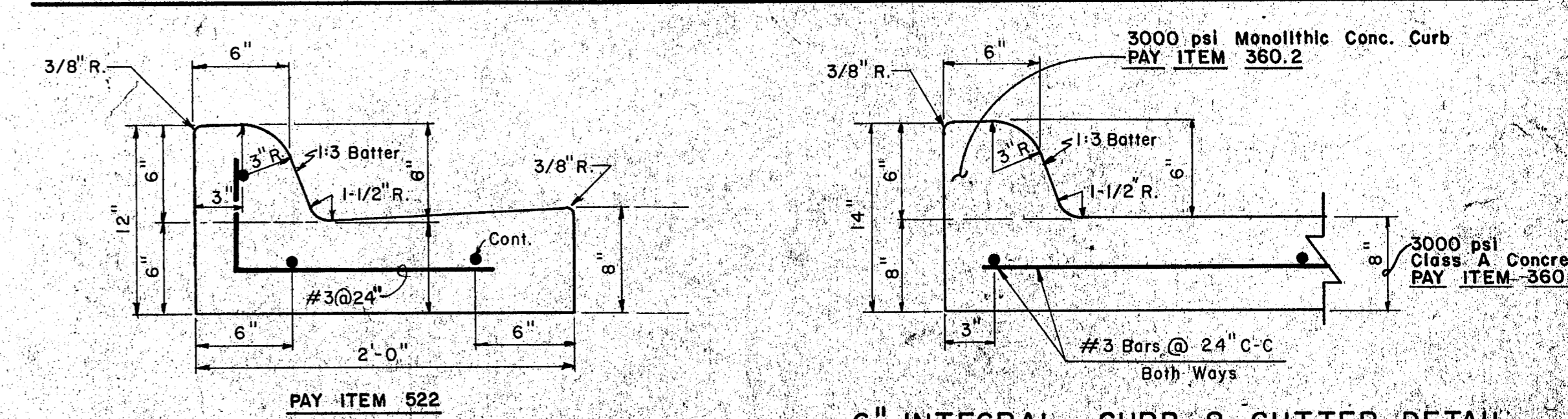
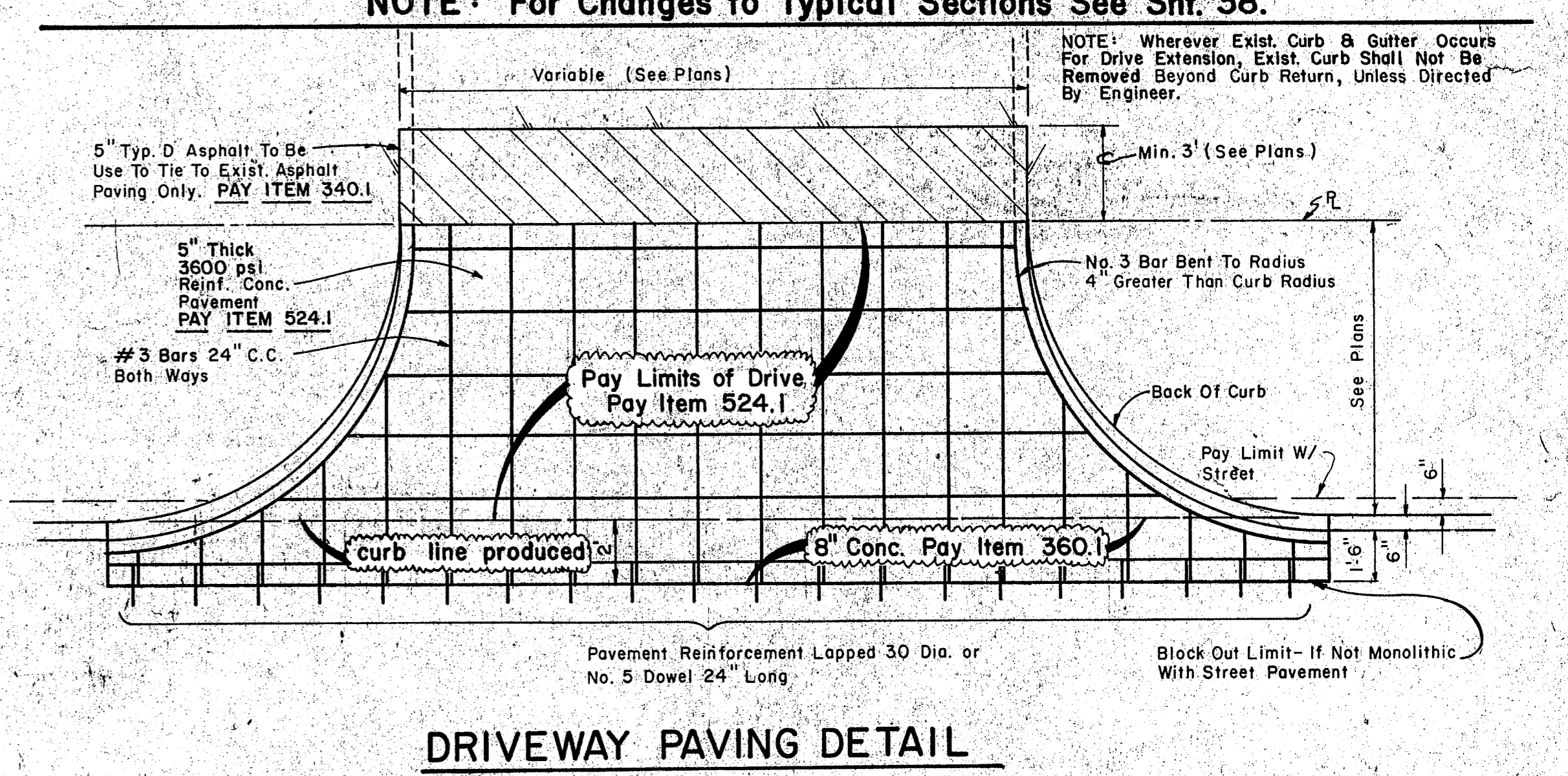
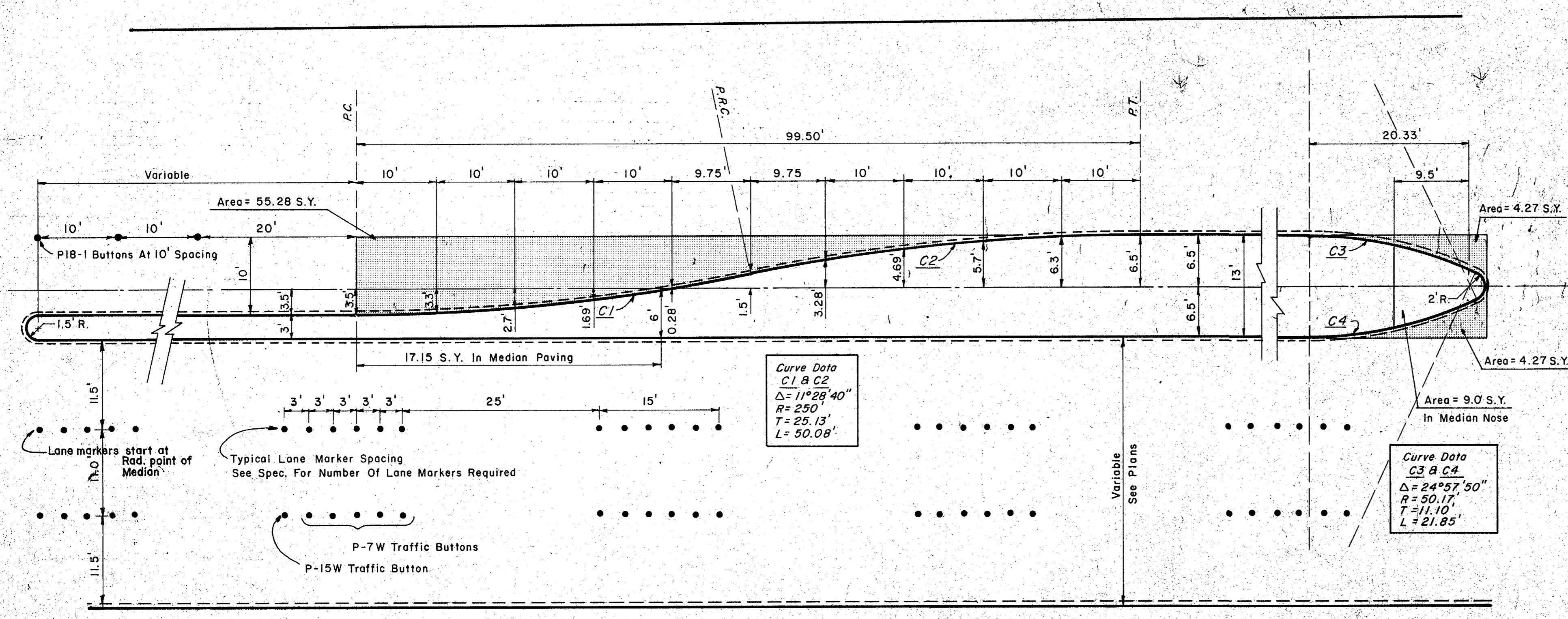
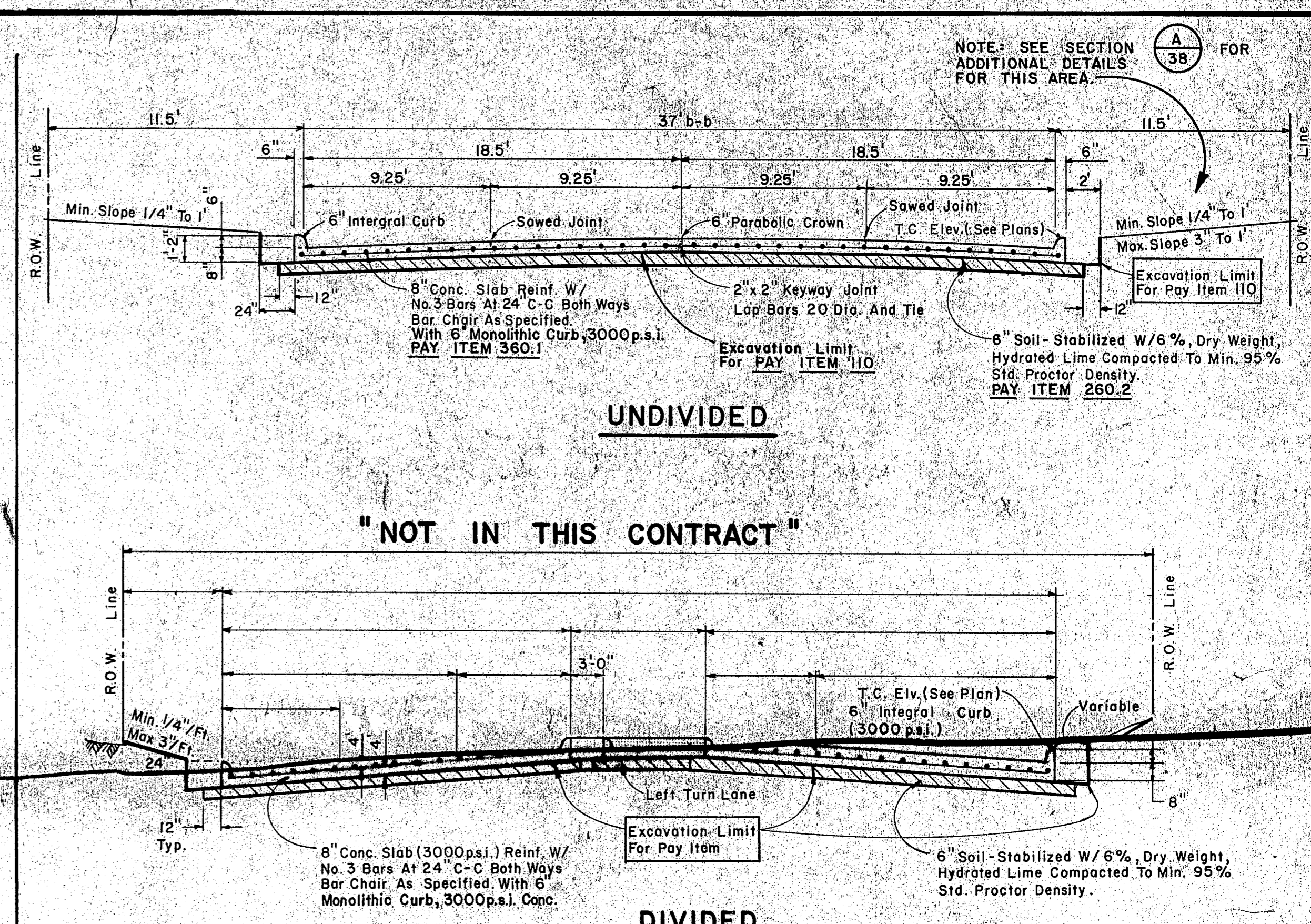
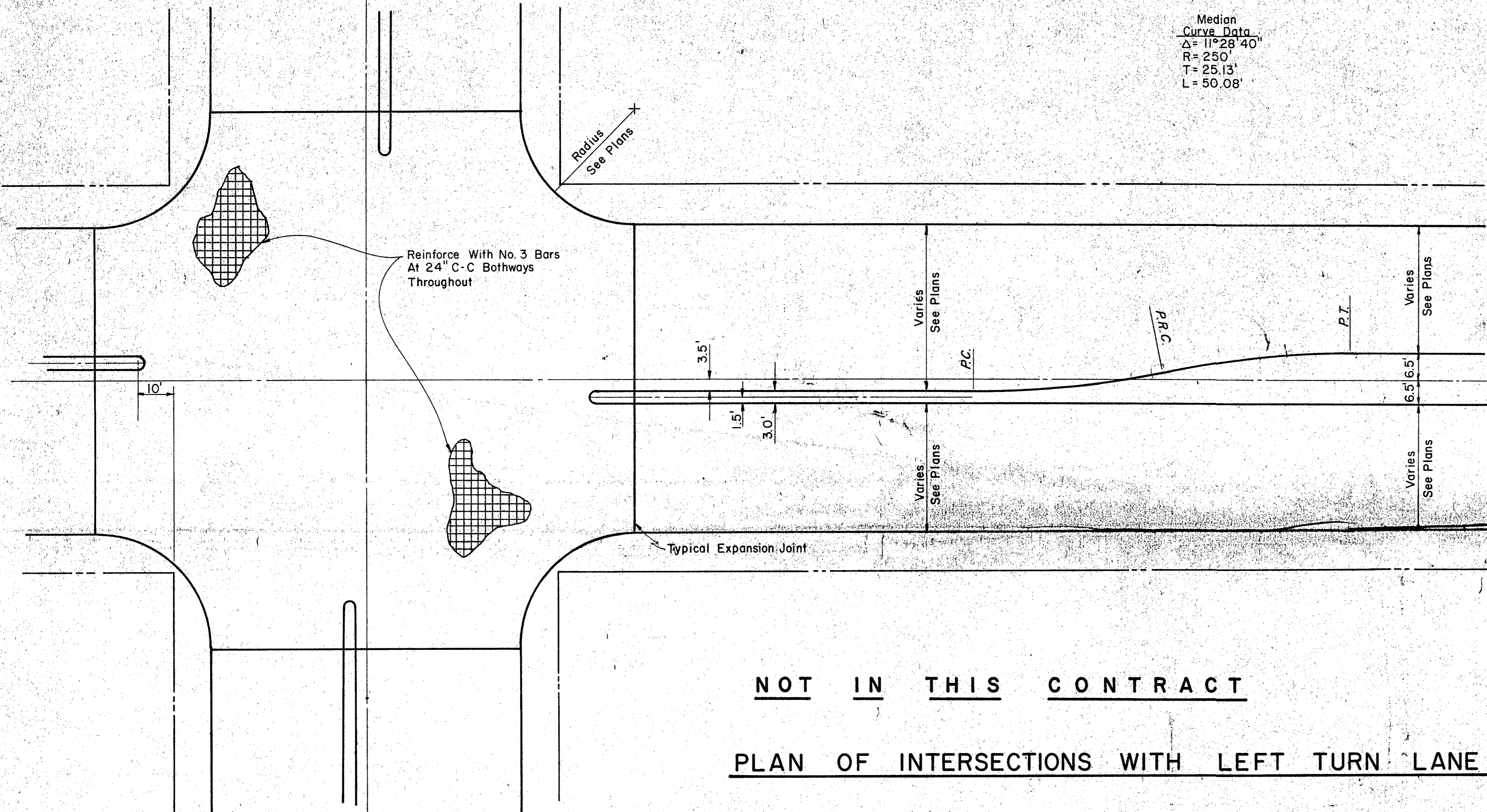


Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
PAVING Sta. 60+00 to 65+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED-HJ	DRAWN-RB/LA	DATE- SEPT., 1982	FILE J-192
APPROVED-HWG	CHECKED-HBJ	SCALE-H-1"=20'/V-1"=5'	SHEET 16 OF 16



NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
PAVING Sta. 65+00 to 65+91.15			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - H.J.	DRAWN - RB/LA	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H=1"=20'/V=1"=5'	SHEET 17 OF 17



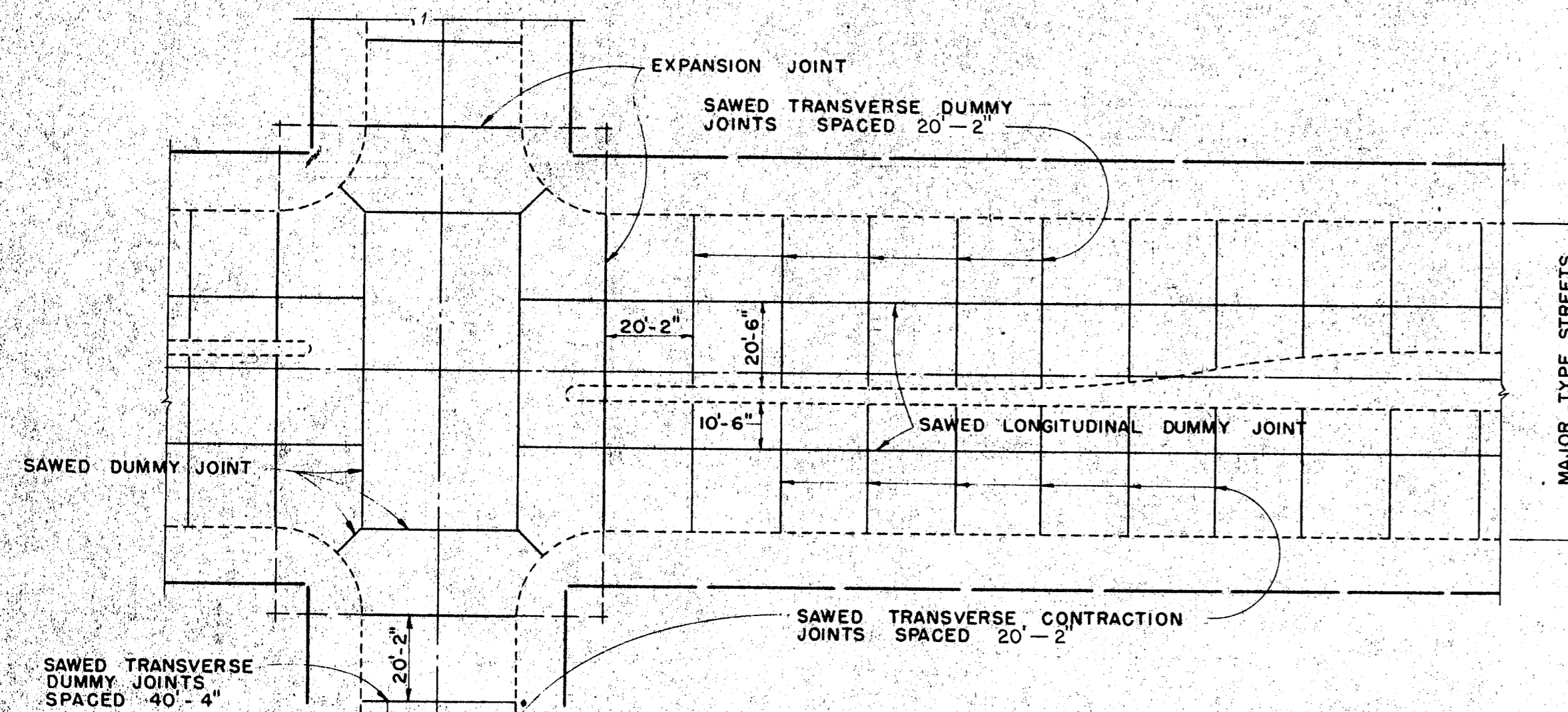
CITY OF ADDISON
 DALLAS COUNTY, TEXAS

WESTGROVE/VOSS ROAD IMPROVEMENTS

STANDARD PAVING DETAILS A

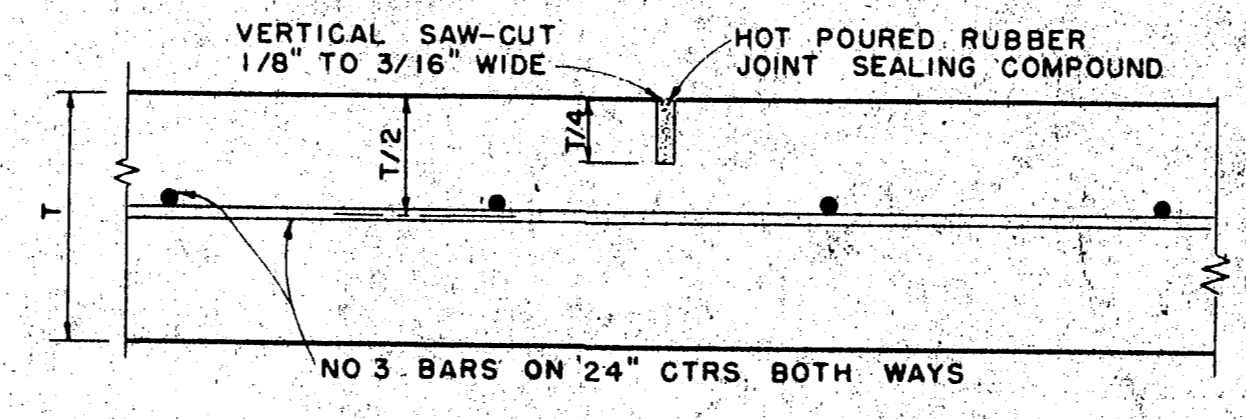
GINN, INC.
 Consulting Engineers Dallas, Texas

DESIGNED: H.K. DRAWN: S.M.M. DATE: SEPT., 1982 JOB No: J-192
 APPROVED: G.F. CHECKED: G.F. SCALE: NONE SHEET 18 OF

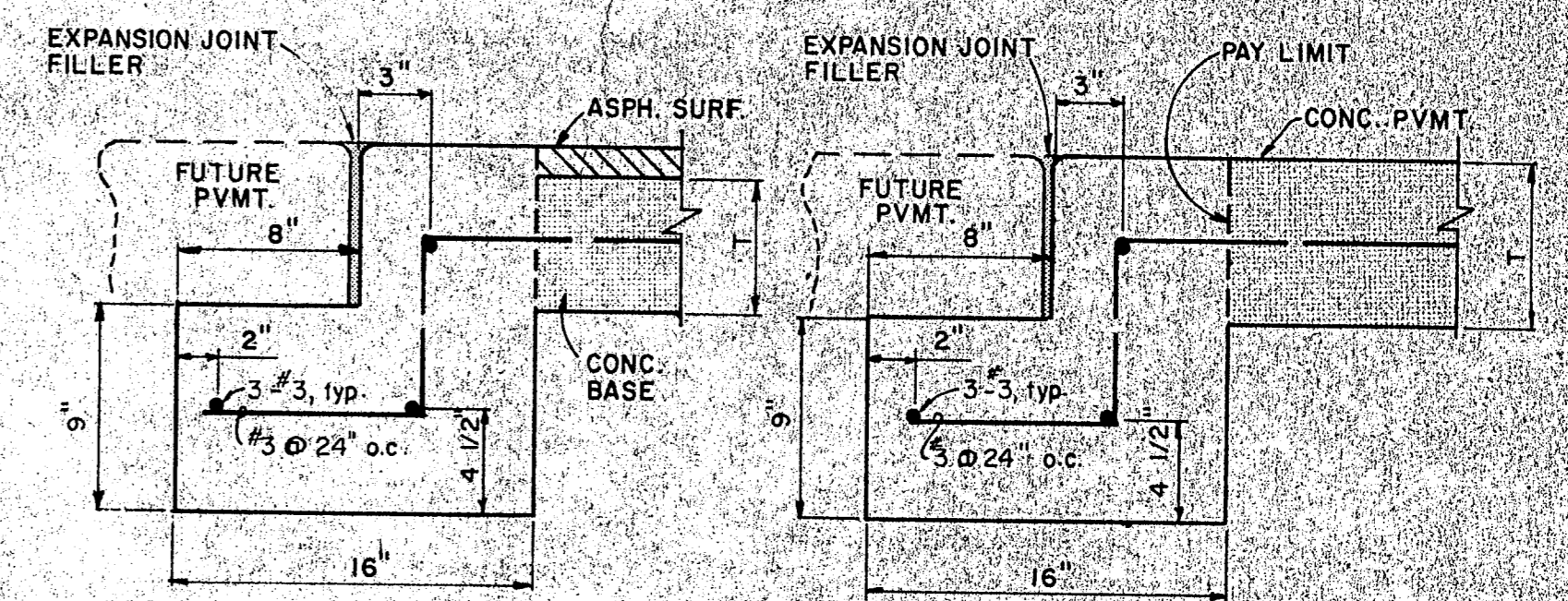


SPACING DIAGRAM FOR JOINTS
 IDENTICAL FOR STREETS (CONCRETE PAVEMENT OR BASE) AND ALLEYS EXCEPT THAT EXPANSION JOINTS FOR ALLEYS SHALL BE PLACED AT THE END OF THE RETURN IN LINE WITH THE PROPERTY LINE. SPACING OF EXPANSION JOINTS SHALL NOT EXCEED 600 FEET.

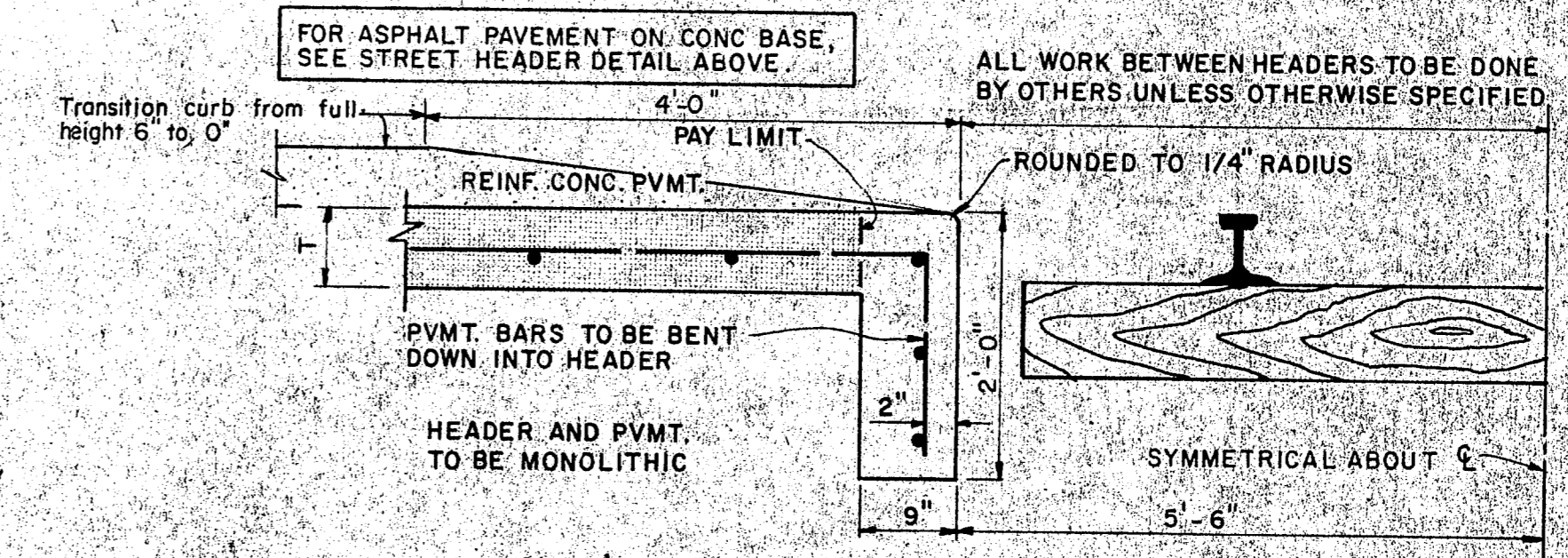
CONSTRUCTION JOINT OR SAWED LONGITUDINAL DUMMY JOINT ALONG CL. OF ALL SINGLE ROADWAY SECTIONS EXCEPT 20' ROADWAY.
 ADDITIONAL SIMILAR JOINT 10'-0" EACH SIDE C.L. FOR 56' & 60' ROADWAY SECTIONS



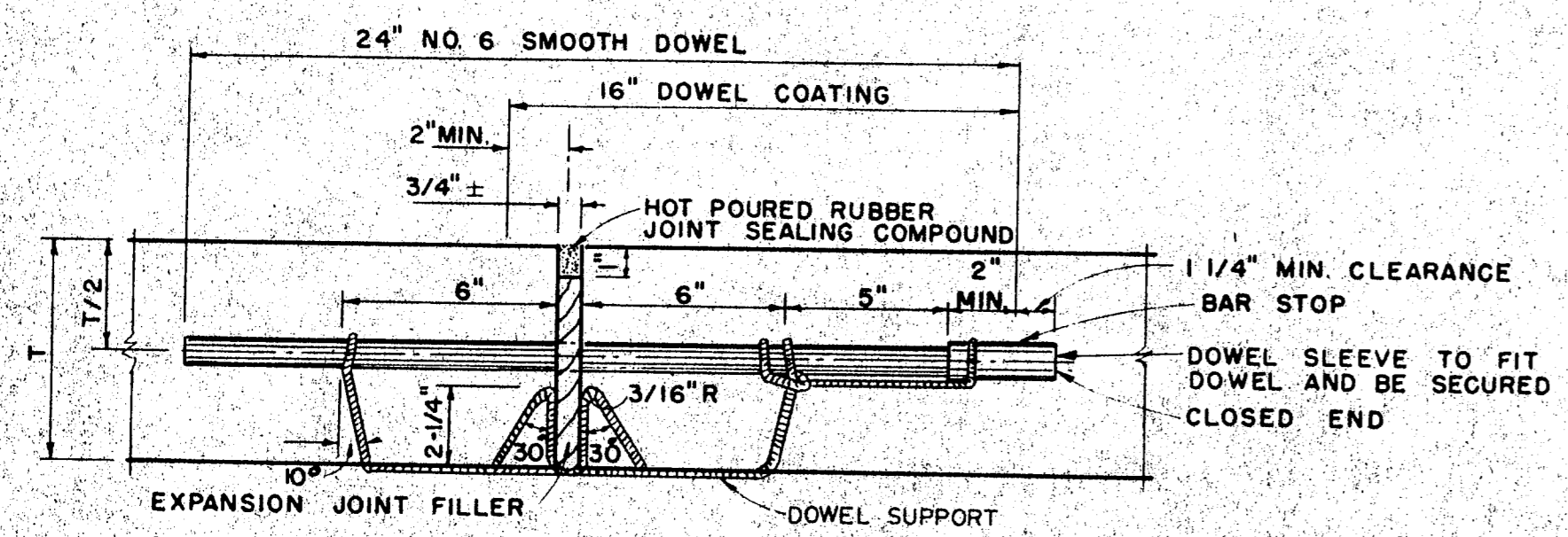
SAWED DUMMY JOINT
 IDENTICAL FOR STREETS AND ALLEYS EXCEPT ALLEY LONGITUDINAL REINFORCEMENT BARS



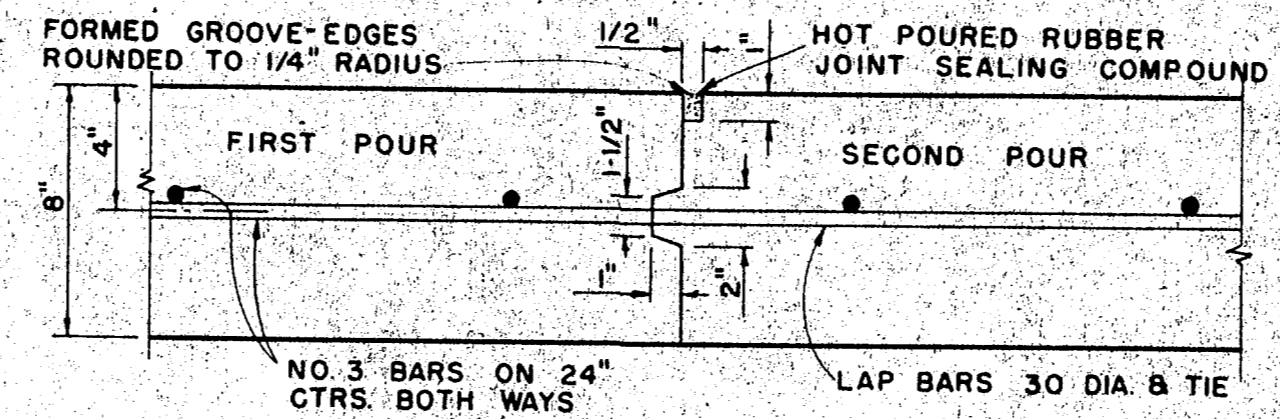
STREET HEADER



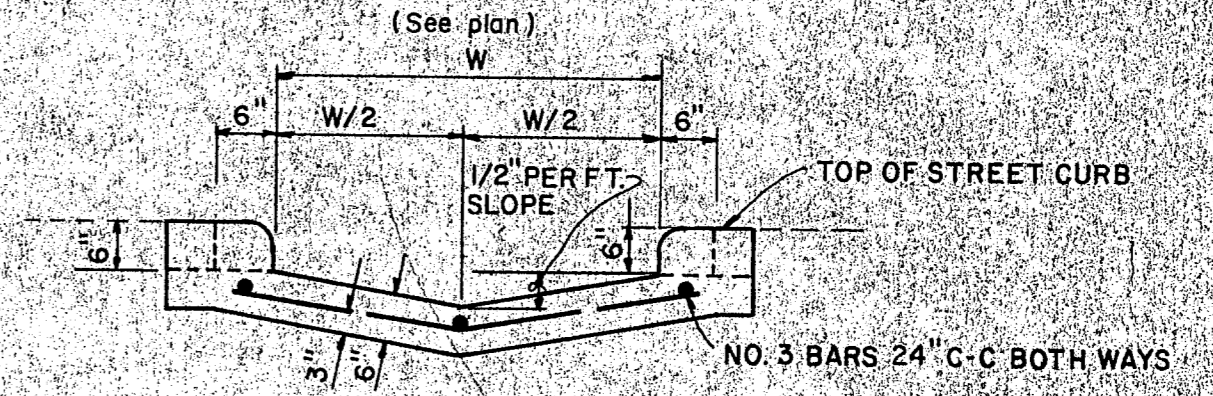
RAILROAD HEADER



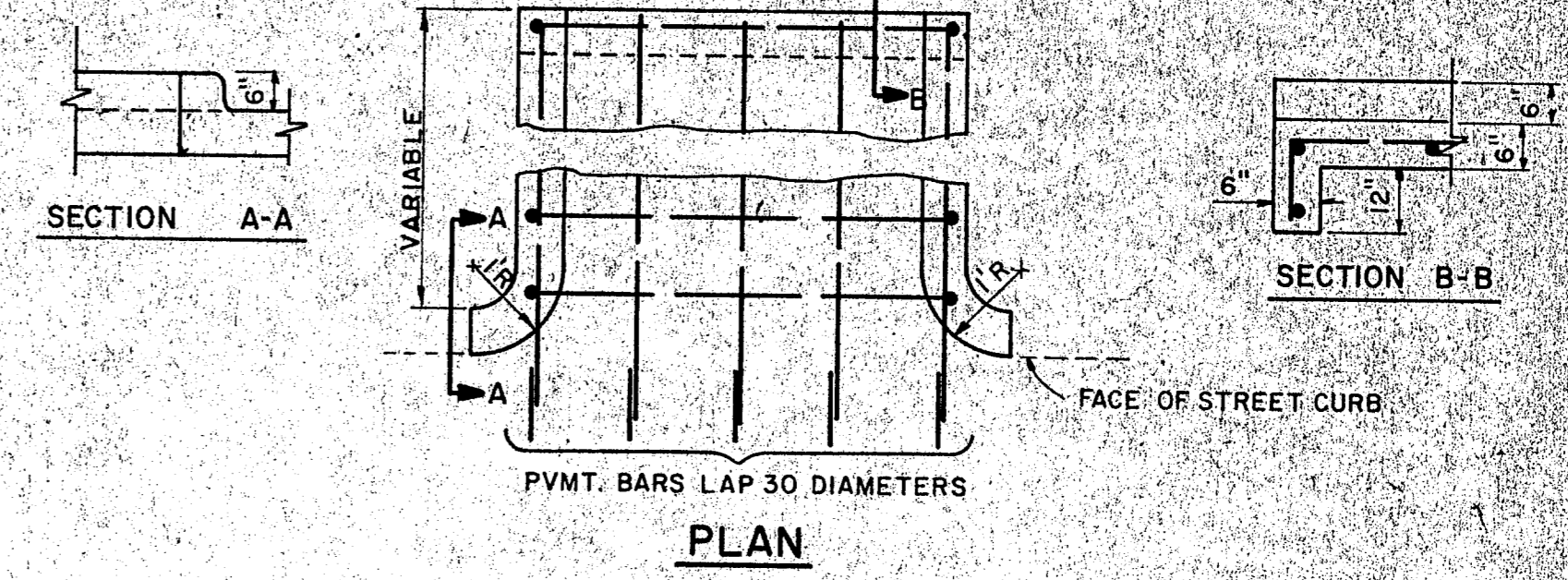
TRANSVERSE EXPANSION JOINT
 IDENTICAL FOR STREETS & ALLEYS



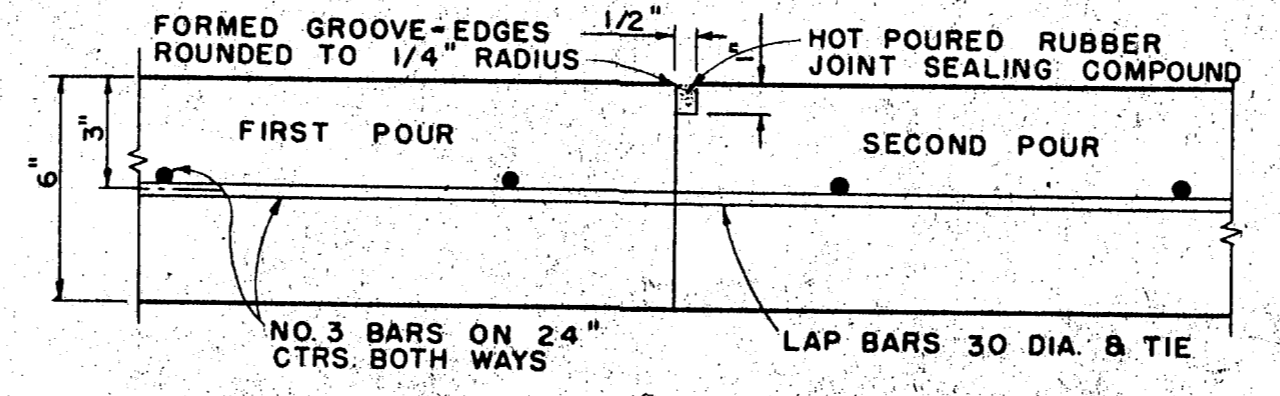
CONSTRUCTION JOINT
 FOR 6" THICKNESS PAVEMENT OR BASE



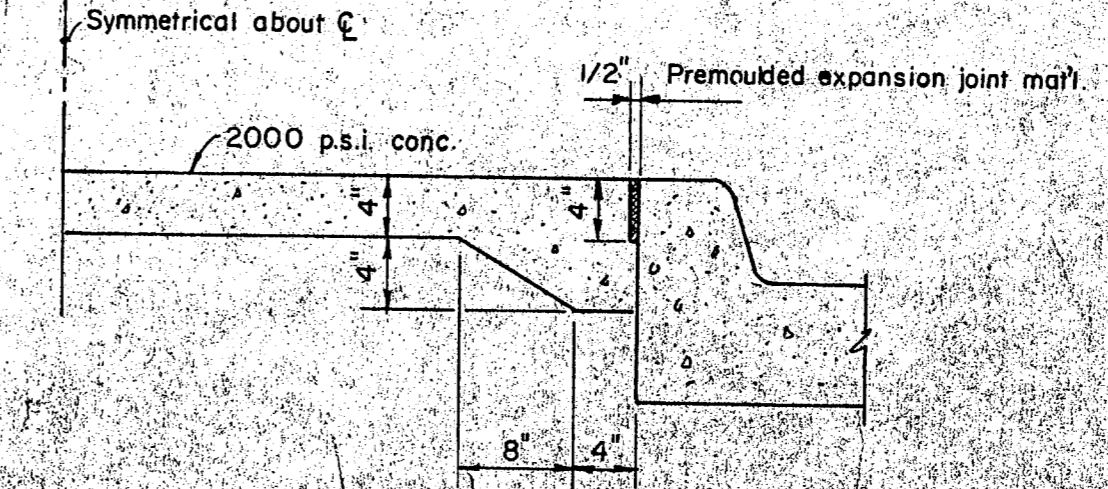
SECTION AT CURB FACE



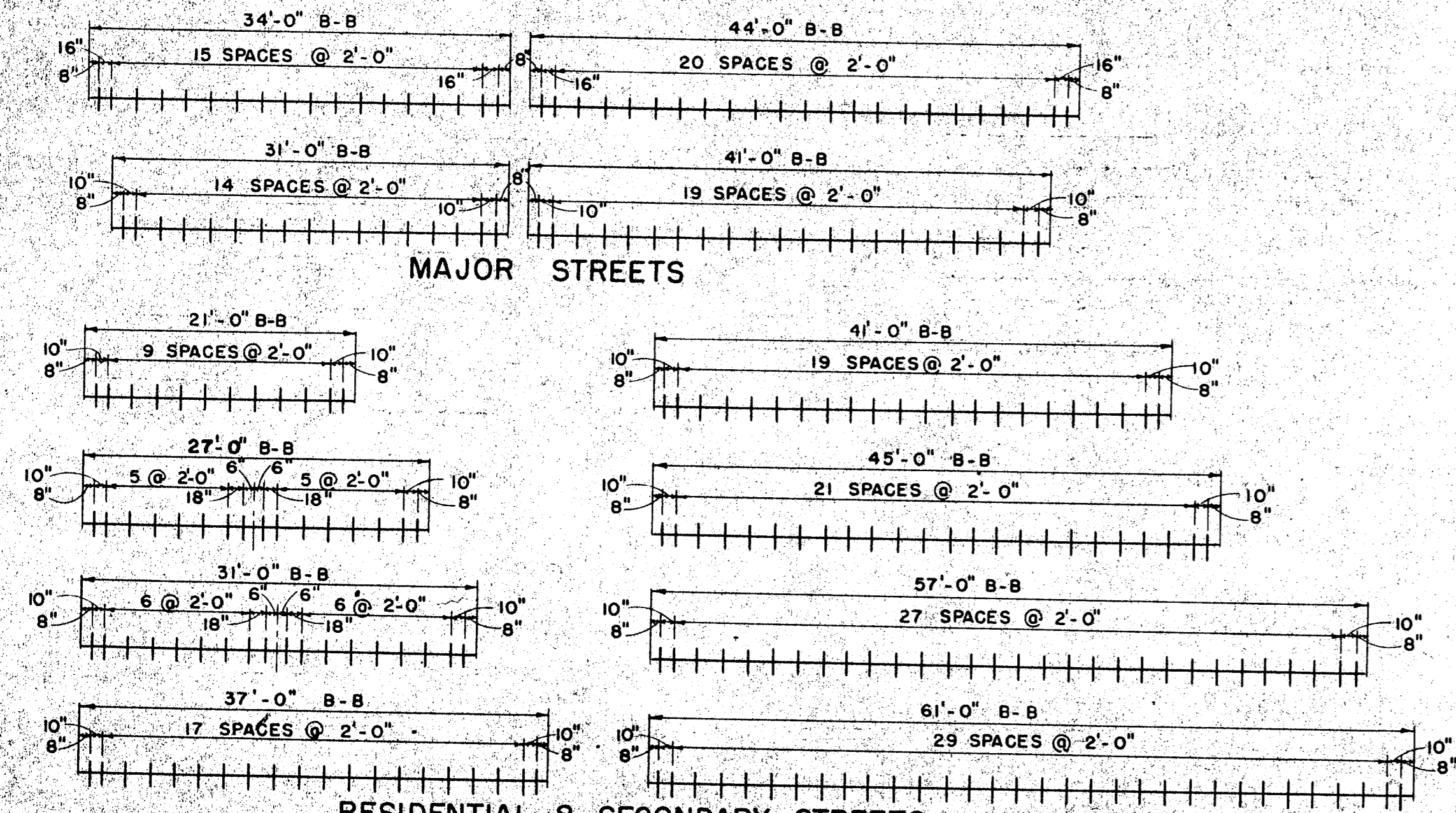
FLUME



CONSTRUCTION JOINT
 FOR 6" THICKNESS PAVEMENT OR BASE
 IDENTICAL FOR STREETS AND ALLEYS EXCEPT ALLEY LONGITUDINAL REINFORCEMENT BARS.

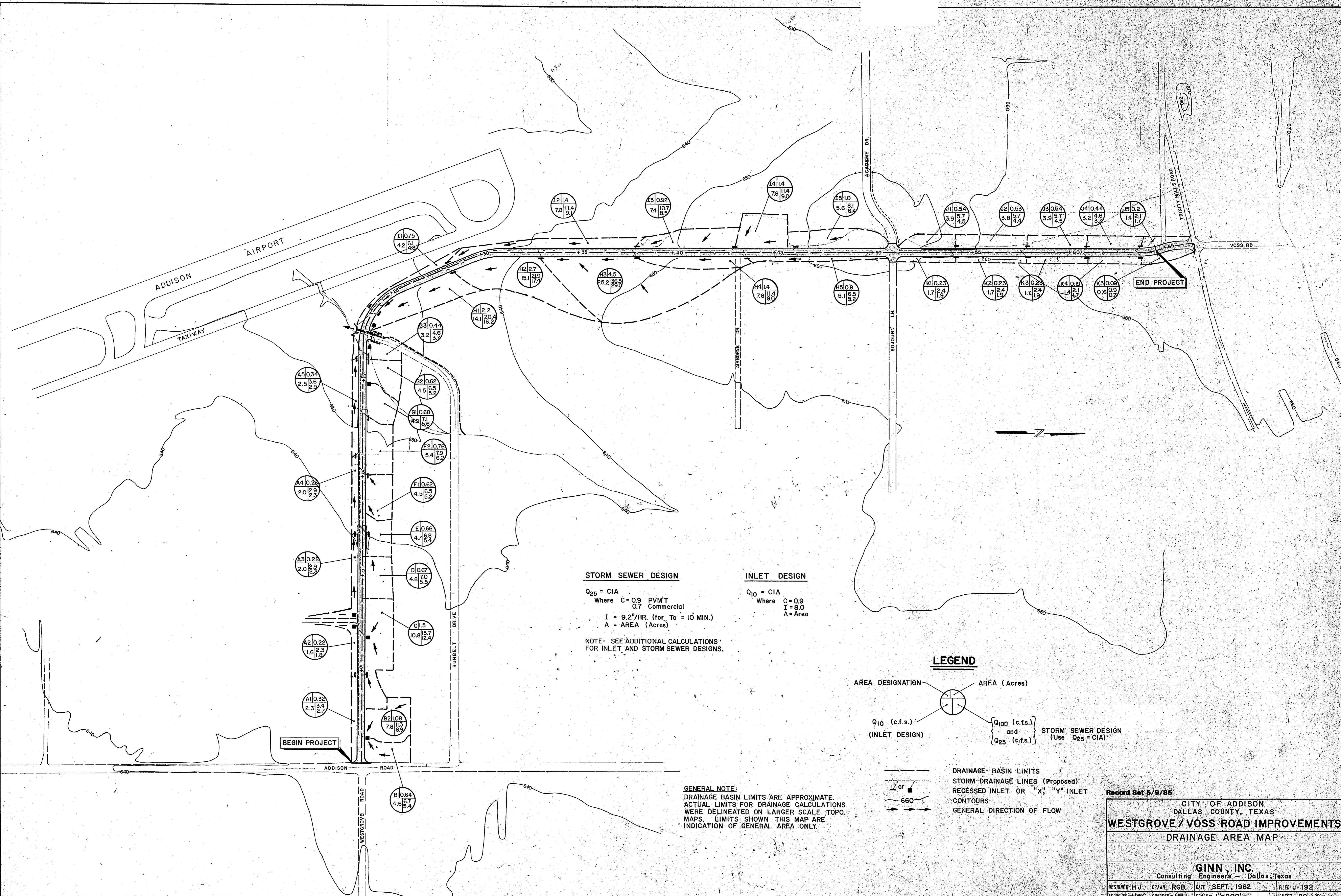


NON-REINFORCED MEDIAN PAVEMENT
 IN ALL AREAS LESS THAN 6' BC TO BC UNLESS OTHERWISE DIRECTED BY ENGINEER



SPACING DIAGRAM FOR DOWELS AT EXPANSION JOINTS

Record Set 5/9/85
 CITY OF ADDISON
 DALLAS COUNTY, TEXAS
WESTGROVE / VOSS ROAD IMPROVEMENTS
 STANDARD PAVING DETAILS B
 GINN, INC.
 Consulting Engineers Dallas, Texas
 DESIGNED: H.K. DRAWN: S.M.M. DATE: SEPT. 1982 JOB No. J-192
 APPROVED: H.G. CHECKED: G.P. SCALE: NONE SHEET 19 OF



STORM SEWER DESIGN

Q₂₅ = CIA
 Where C = 0.9 P.V.M.T
 0.7 Commercial
 I = 9.2"/HR. (for T_c = 10 MIN.)
 A = AREA (Acres)

NOTE: SEE ADDITIONAL CALCULATIONS FOR INLET AND STORM SEWER DESIGNS.

INLET DESIGN

Q₁₀ = CIA
 Where C = 0.9
 I = 8.0
 A = Area

LEGEND

AREA DESIGNATION — AREA (Acres)

Q₁₀ (c.f.s.) (INLET DESIGN) — Q₁₀₀ (c.f.s.) and Q₂₅ (c.f.s.) STORM SEWER DESIGN (Use Q₂₅ = CIA)

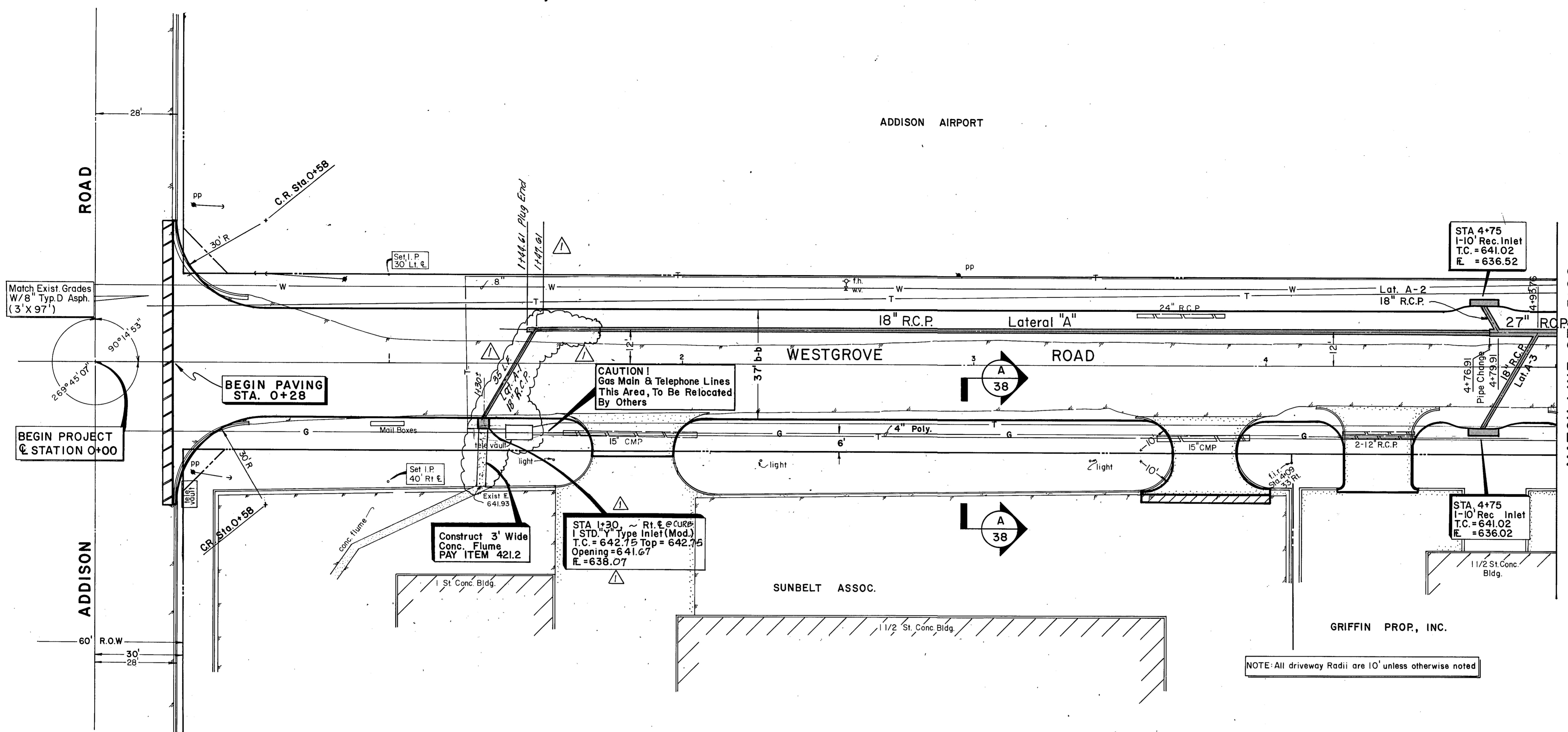
--- DRAINAGE BASIN LIMITS
 - - - STORM DRAINAGE LINES (Proposed)
 X or Y RECESSED INLET OR "X", "Y" INLET
 --- 660 CONTOURS
 → GENERAL DIRECTION OF FLOW

GENERAL NOTE:
 DRAINAGE BASIN LIMITS ARE APPROXIMATE. ACTUAL LIMITS FOR DRAINAGE CALCULATIONS WERE DELINEATED ON LARGER SCALE TOPO. MAPS. LIMITS SHOWN THIS MAP ARE INDICATION OF GENERAL AREA ONLY.

Record Set 5/9/85

CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
DRAINAGE AREA MAP			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - H J	DRAWN - RGB	DATE - SEPT., 1982	FILED J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - 1" = 200'	SHEET 20 OF 20

ADDISON AIRPORT

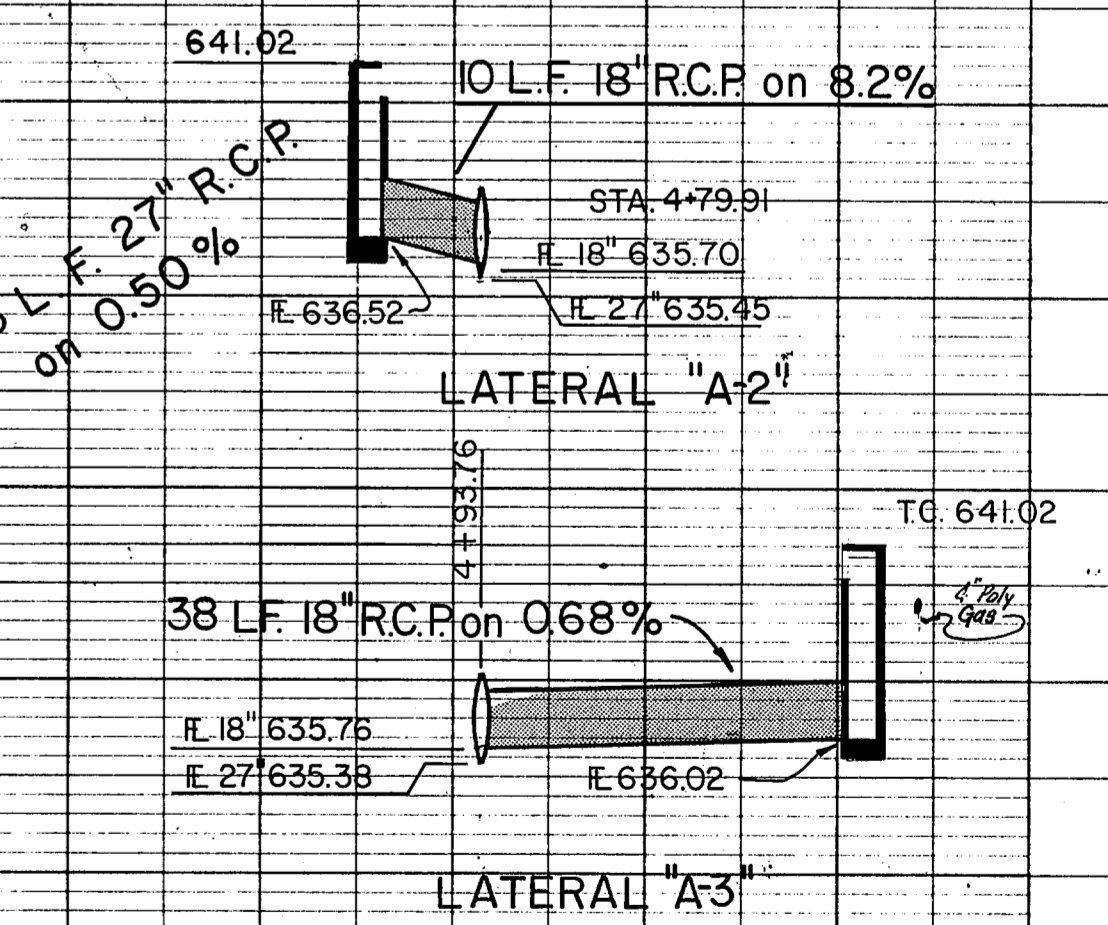
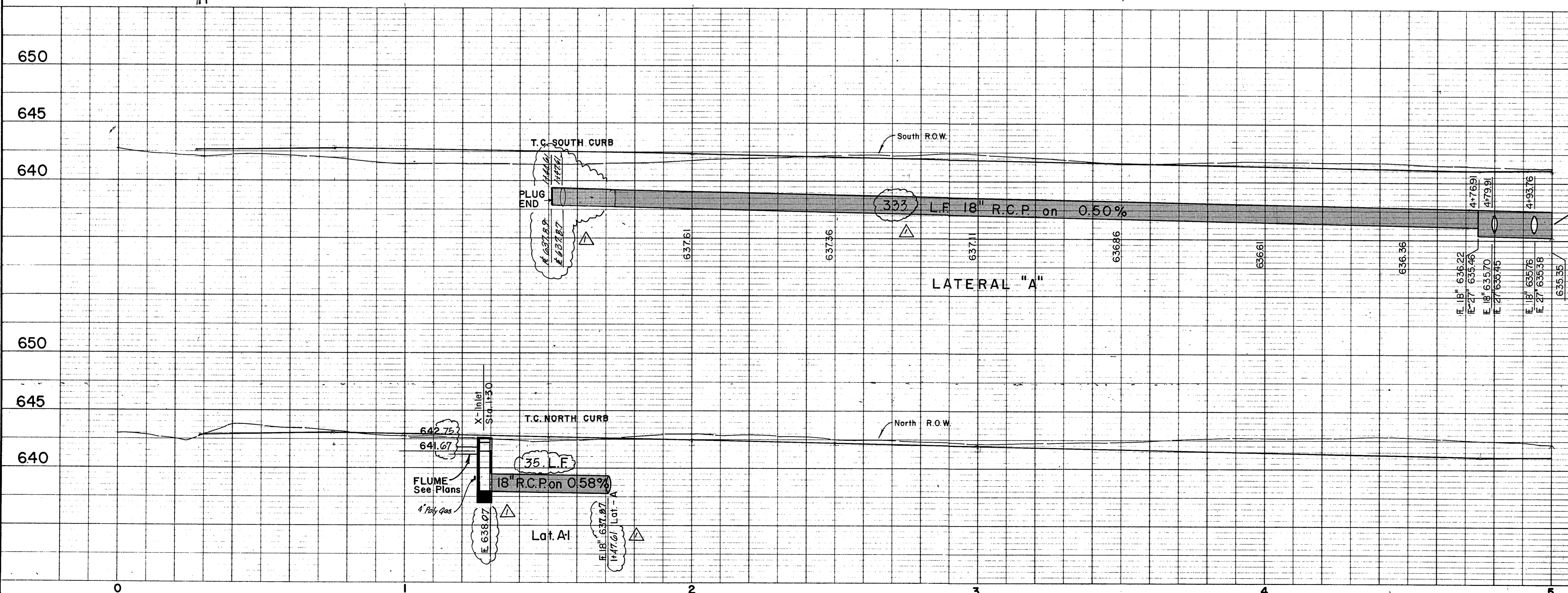


MATCH LINE STA. 5+00



NOTE: All driveway Radii are 10' unless otherwise noted

B.M. #1 - "□" cut on T.C. No. side of Westgrove 60' East of Addison Rd. ELEV. 641.96



Record Set 5/9/85

Revised Grades and lengths as required. Changed location of inlet, extended Lat. A - 21' to East

NO.	REVISION	BY	DATE
GF			1-19-83

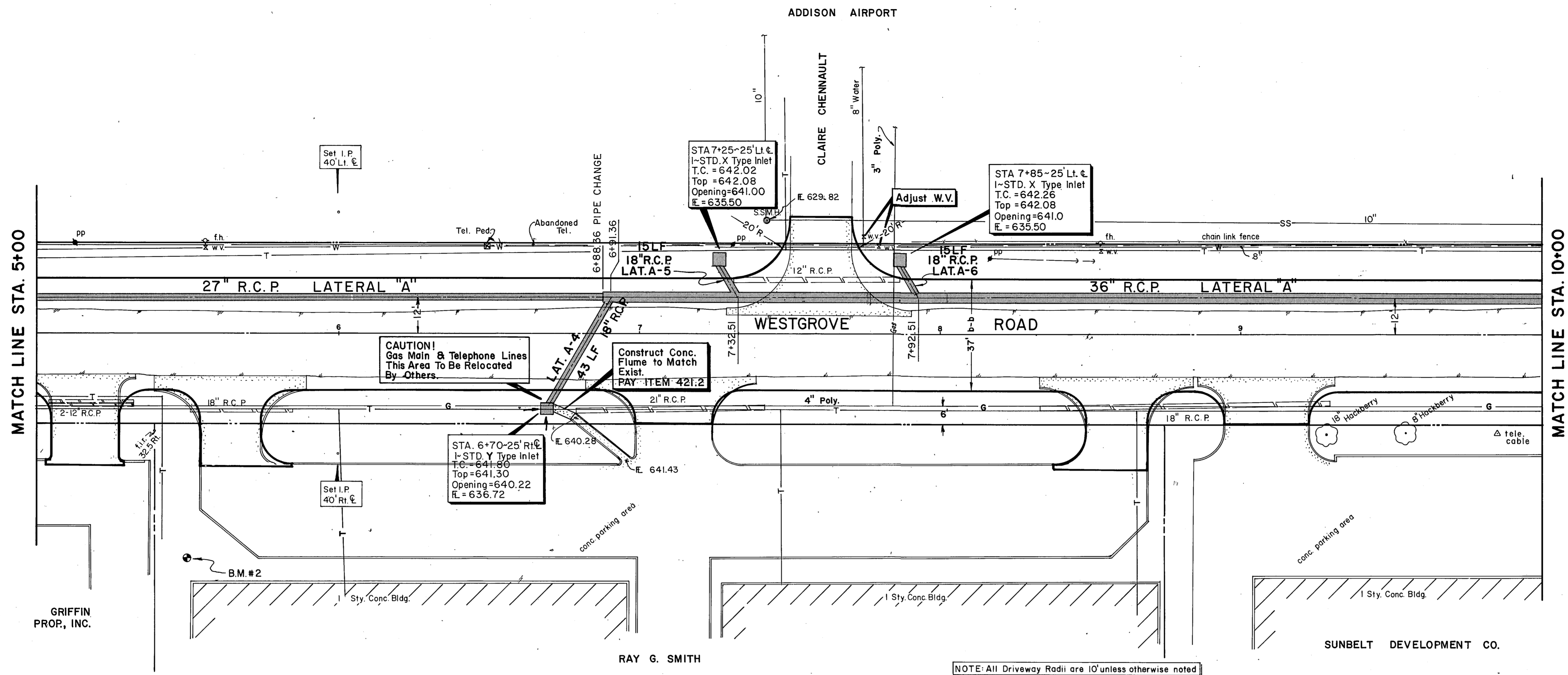
CITY OF ADDISON
DALLAS COUNTY, TEXAS

WESTGROVE/VOSS ROAD IMPROVEMENTS

DRAINAGE - STA. 0+00 to STA. 5+00

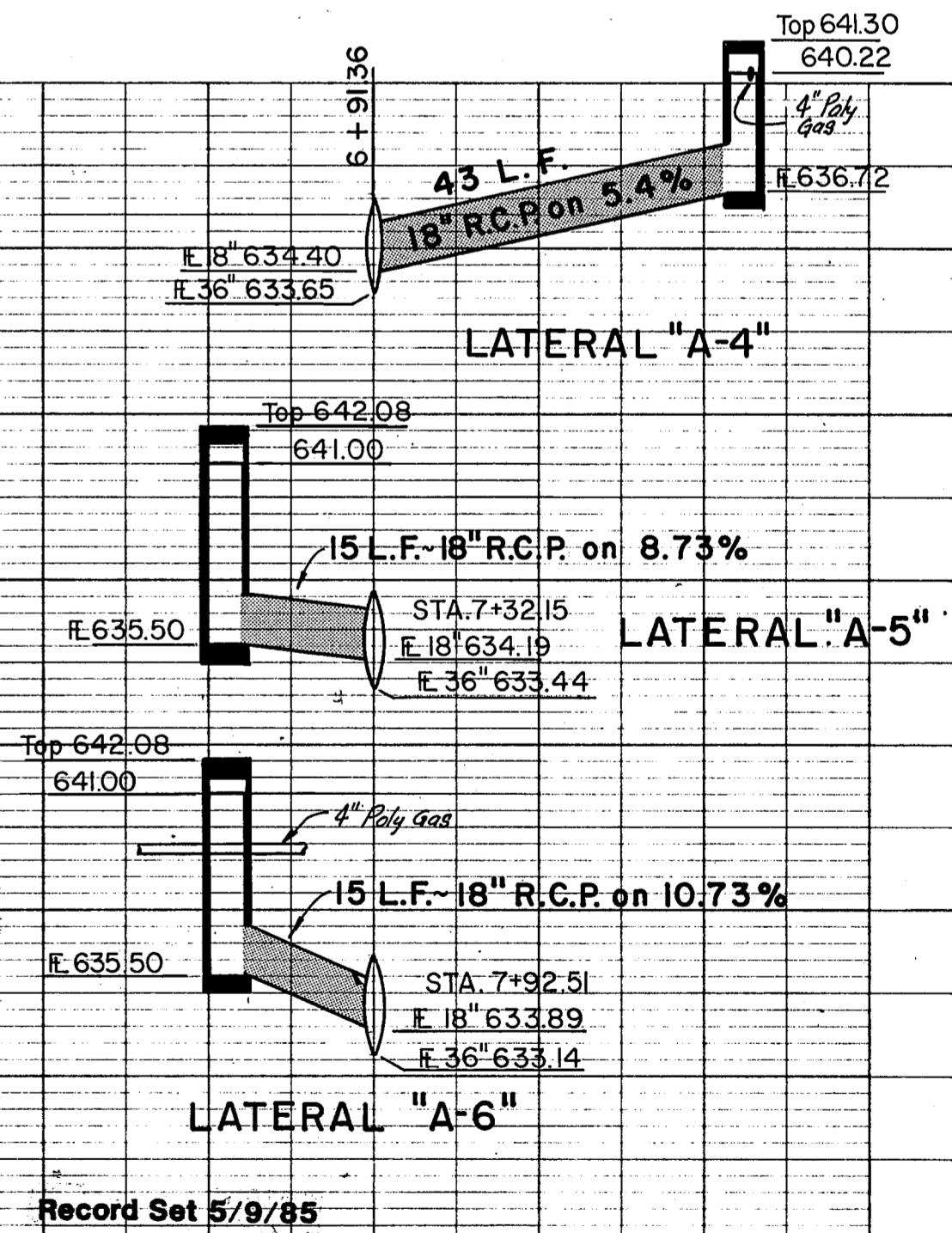
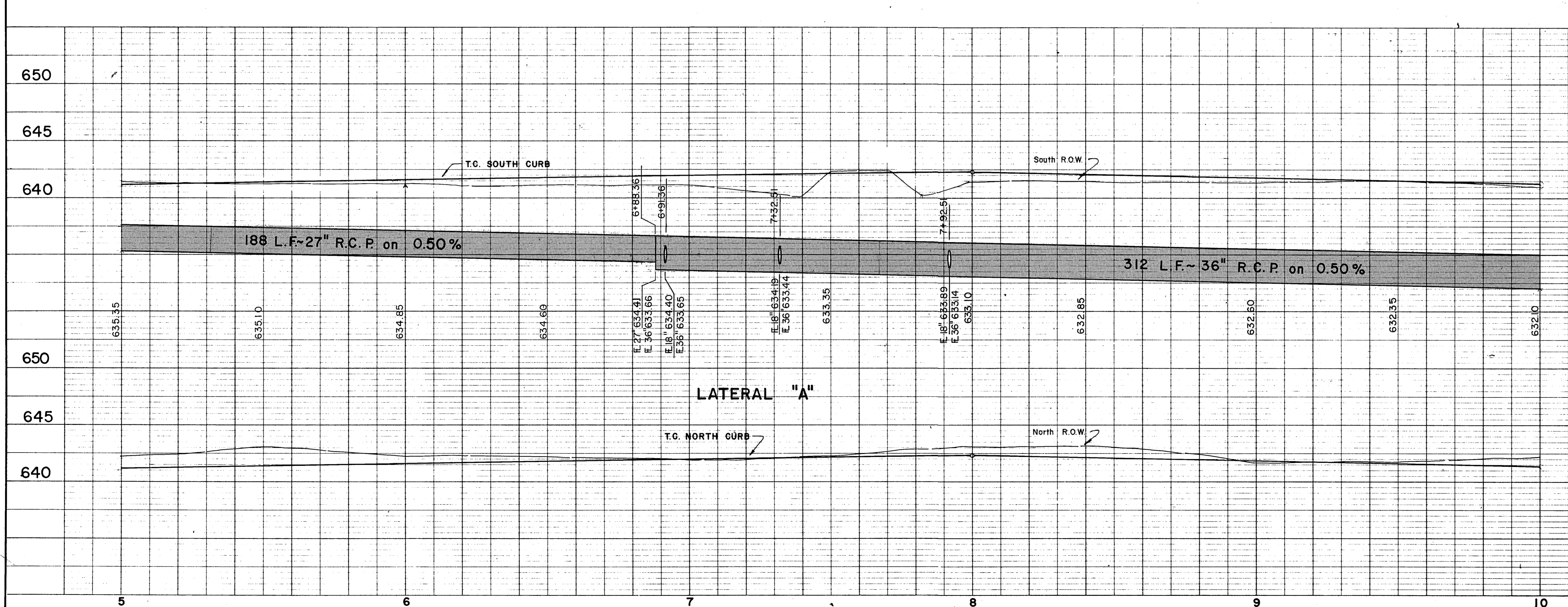
GINN, INC.
Consulting Engineers - Dallas, Texas

DESIGNED - GF DRAWN - R.G.B. DATE - SEPT., 1982 FILE J-192
APPROVED - H.W.G. CHECKED - H.B.J. SCALE - H-1"=20' V-1"=5' SHEET 21 OF 21



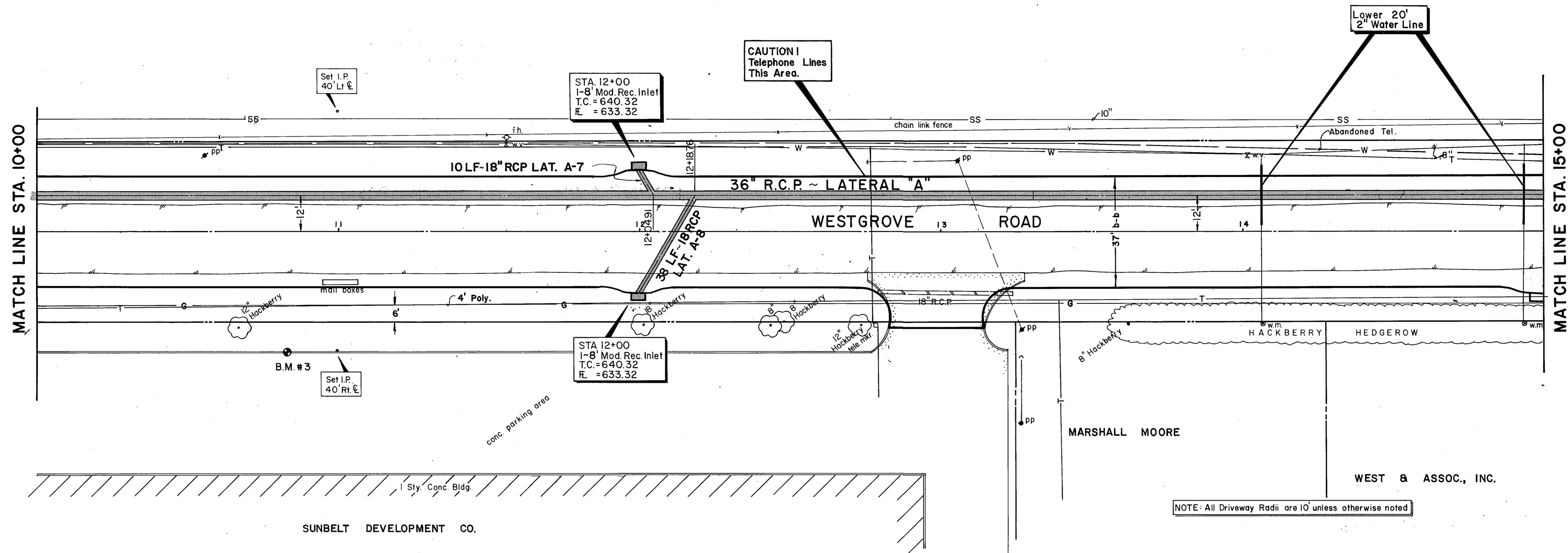
B.M. #2 - "□" cut on first step East corner 4559 Westgrove, Sta. 5+50± ELEV. 644.46

NOTE: All Driveway Radii are 10' unless otherwise noted



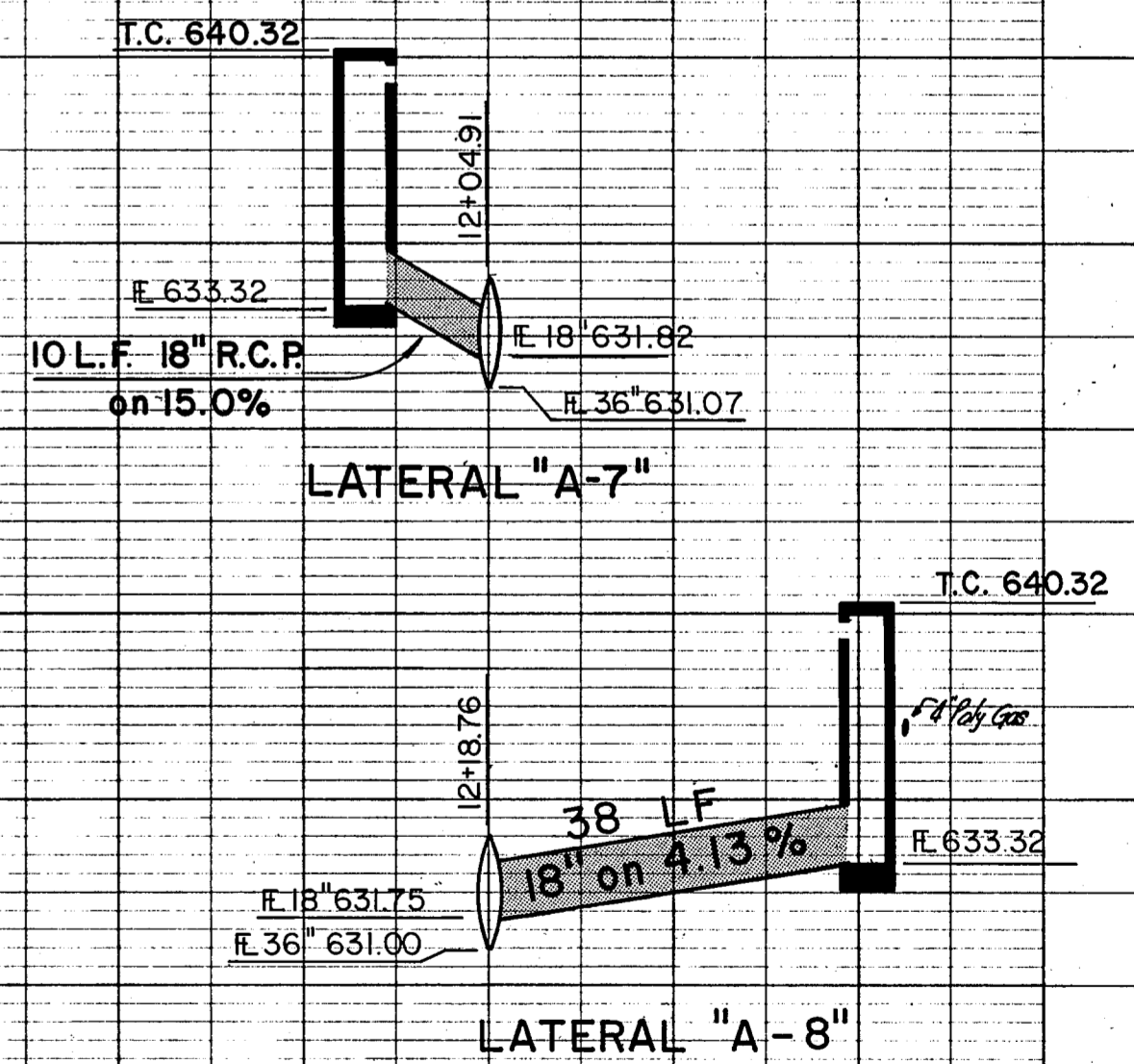
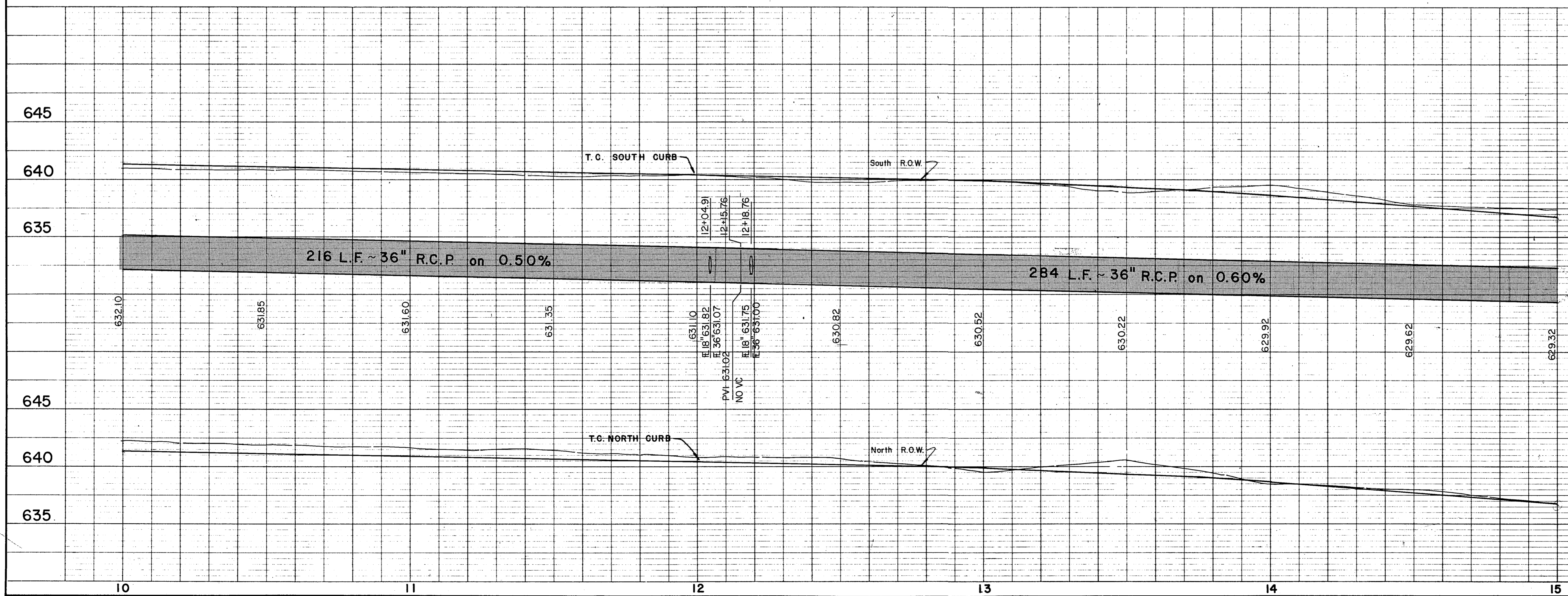
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 5+00 to STA. 10+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - R.G.B.	DATE SEPT., 1982	FILE J-192
APPROVED - H.W.G.	CHECKED - H.B.J.	SCALE - H-1"=20'/V-1"=5'	SHEET 22 OF

ADDISON AIRPORT



B.M.#3 - "I" cut on T.C. 40' Rt. Sta. 10+82
(4411 Westgrove)
ELEV. 641.74

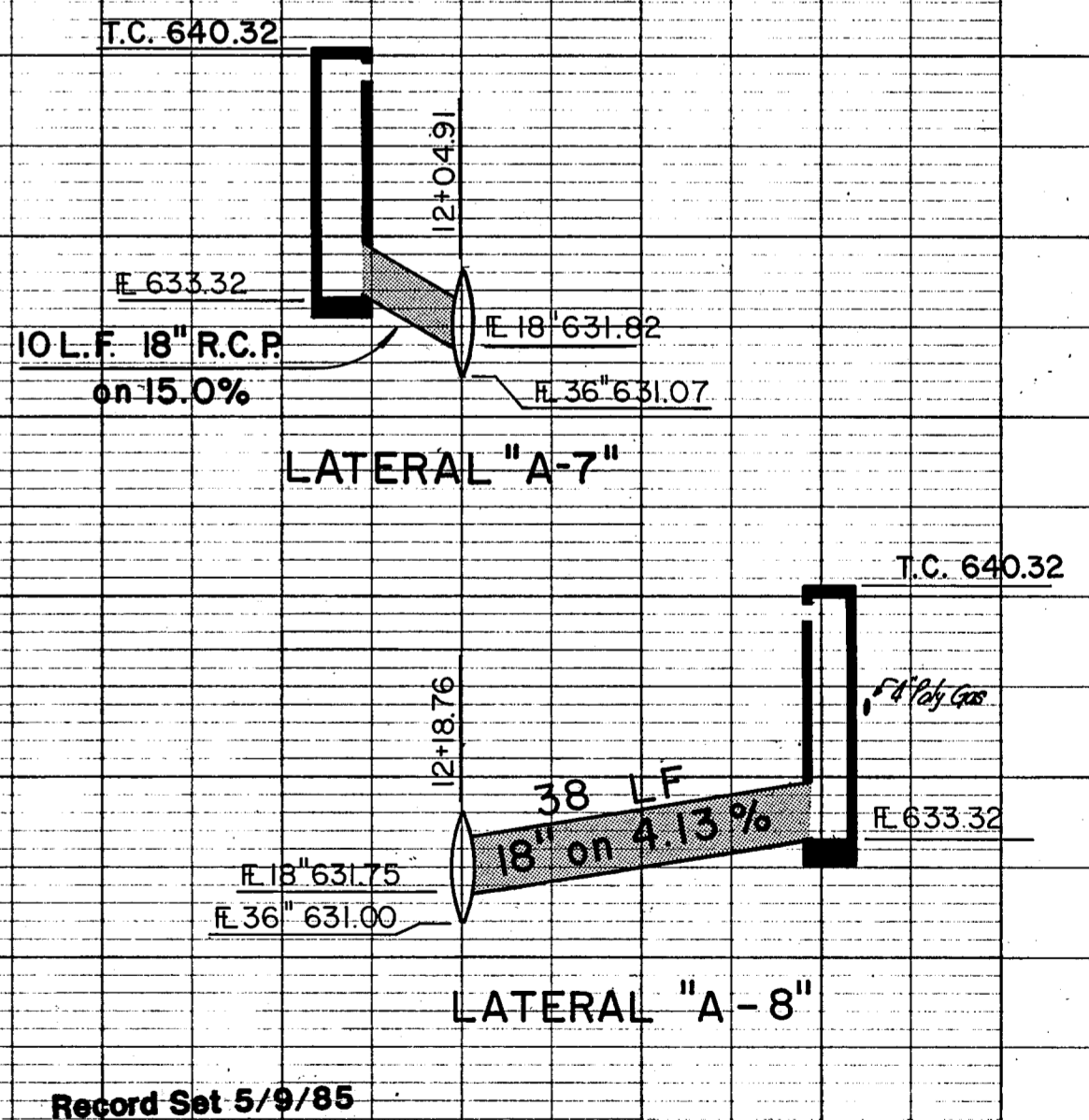
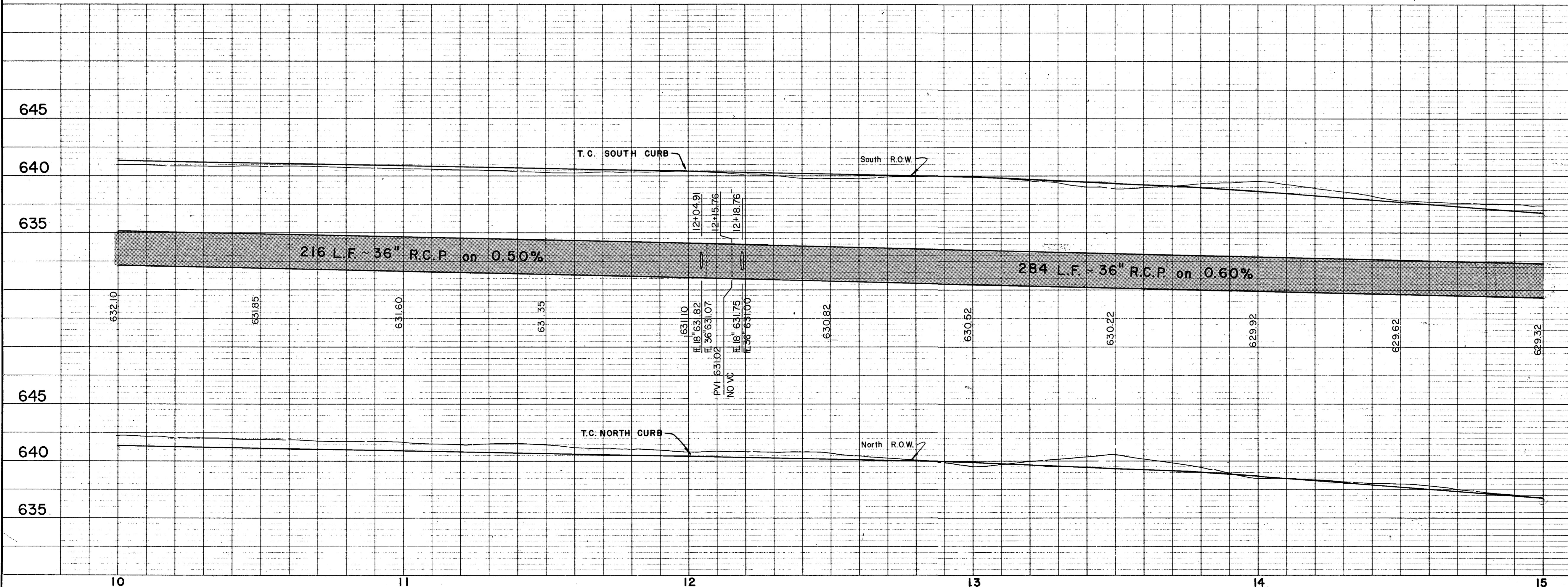
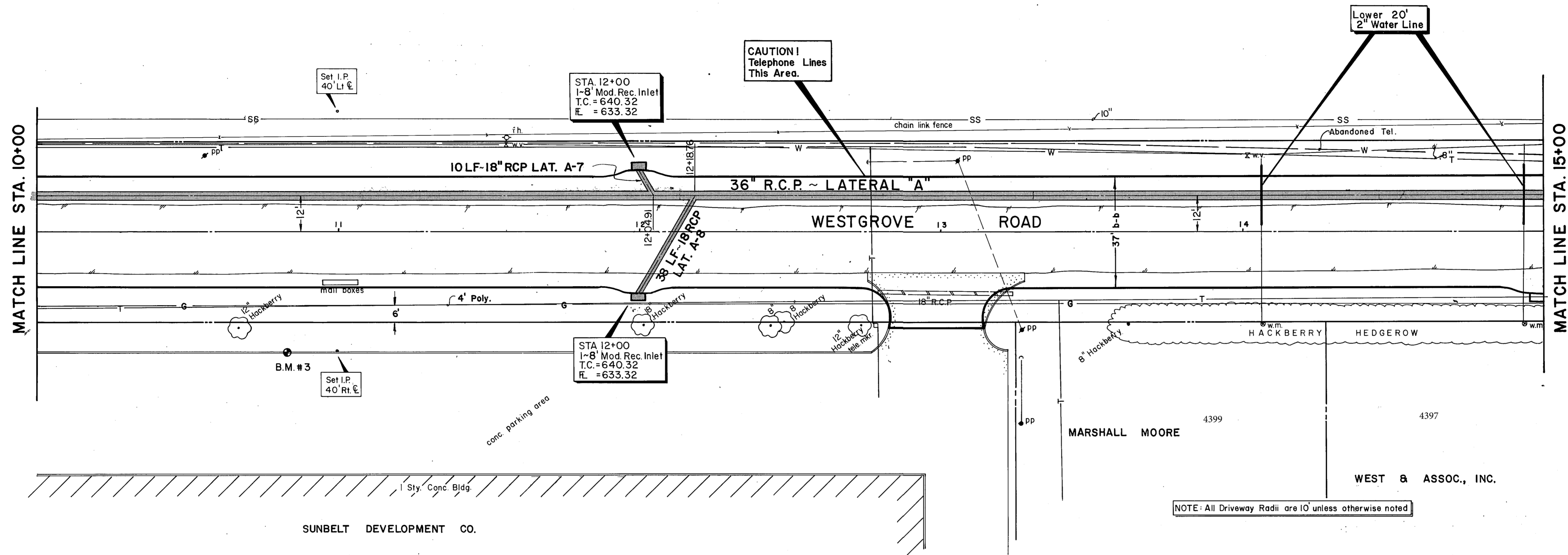
NOTE: All Driveway Radii are 10' unless otherwise noted



Record Set 5/9/85

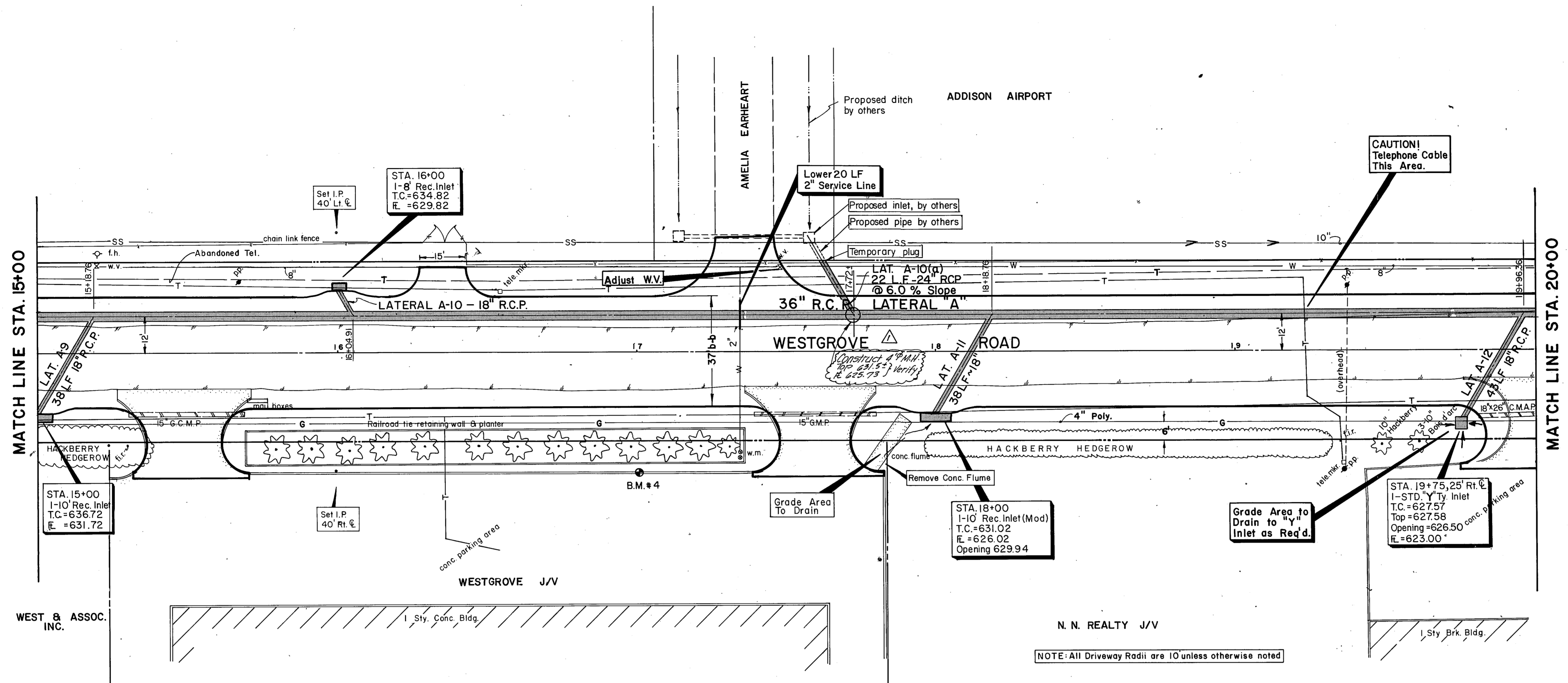
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 10+00 to STA. 15+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H - 1" = 20' / V - 1" = 5'	SHEET 23 OF

ADDISON AIRPORT



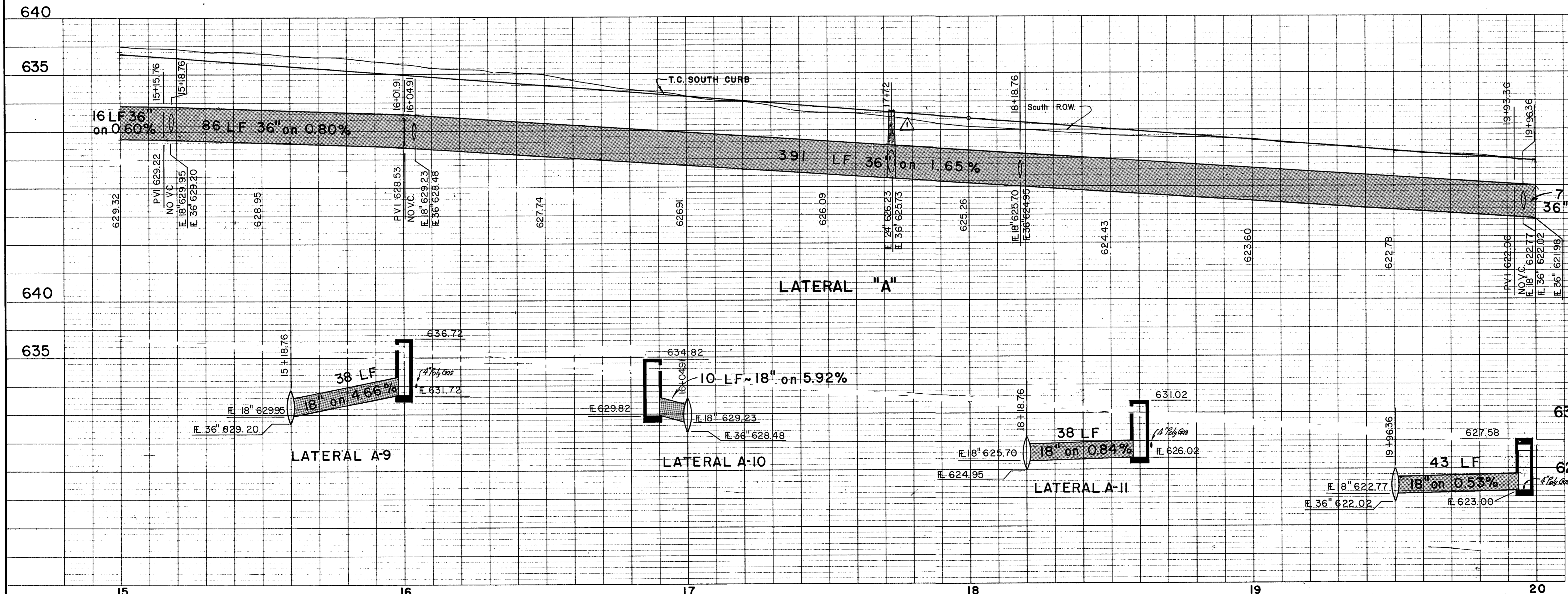
Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE / VOSS ROAD IMPROVEMENTS DRAINAGE - STA. 10+00 to STA. 15+00 GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H - 1" = 20' / V - 1" = 5'	SHEET 23 OF



B.M. #4 - 4' x 4' cut on T.C. 41' Rt Sta. 17+00
ELEV. 632.89

NOTE: All Driveway Radii are 10' unless otherwise noted



Record Set 5/9/85

Added 4' Diam. Manhole

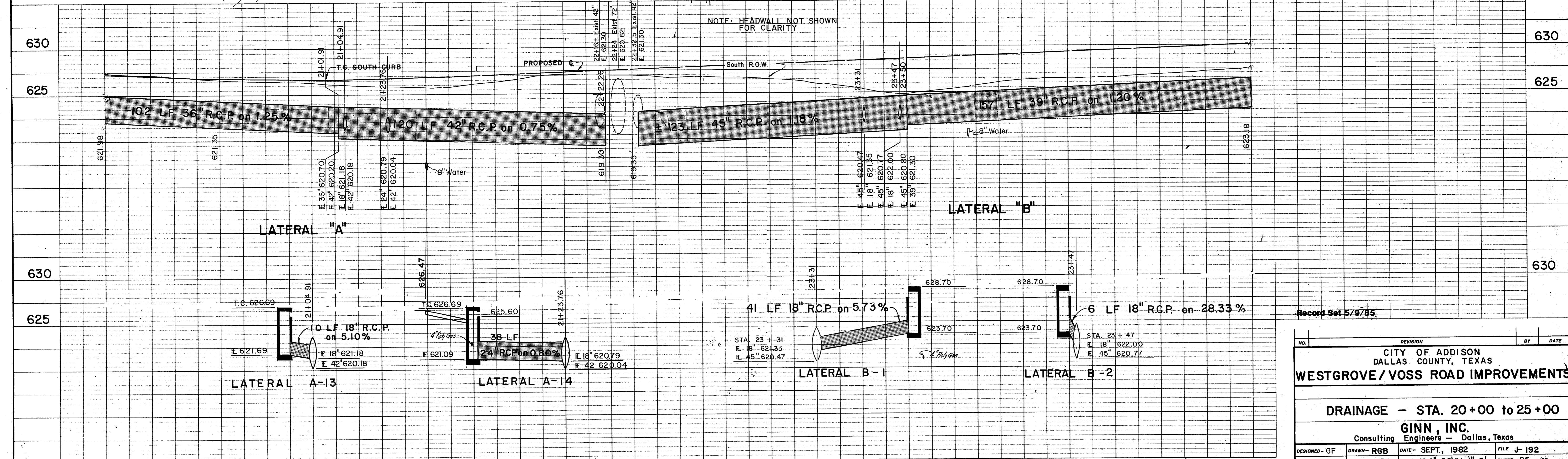
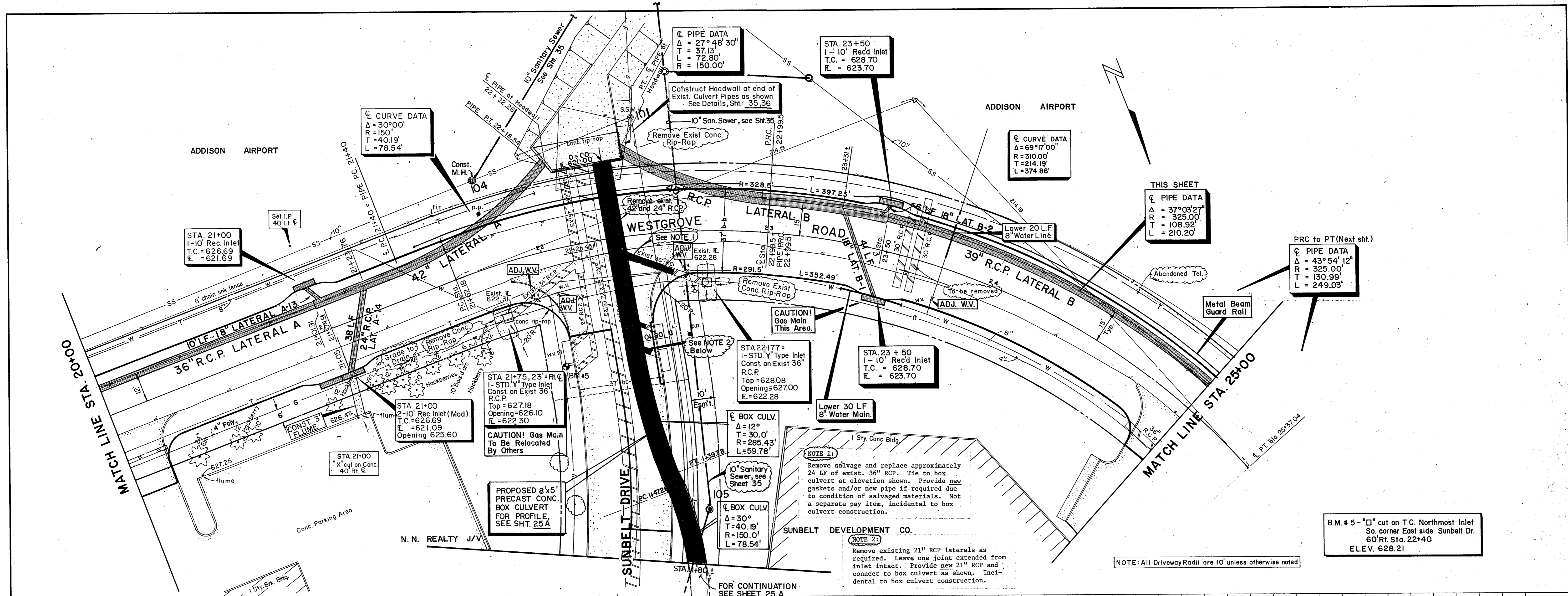
DESIGNED - GF DRAWN - RGB DATE - SEPT., 1982 FILE J-192
 APPROVED - HWG CHECKED - HBJ SCALE - H-1"=20'/V-1"=5' SHEET 24 OF

CITY OF ADDISON
DALLAS COUNTY, TEXAS

WESTGROVE / VOSS ROAD IMPROVEMENTS

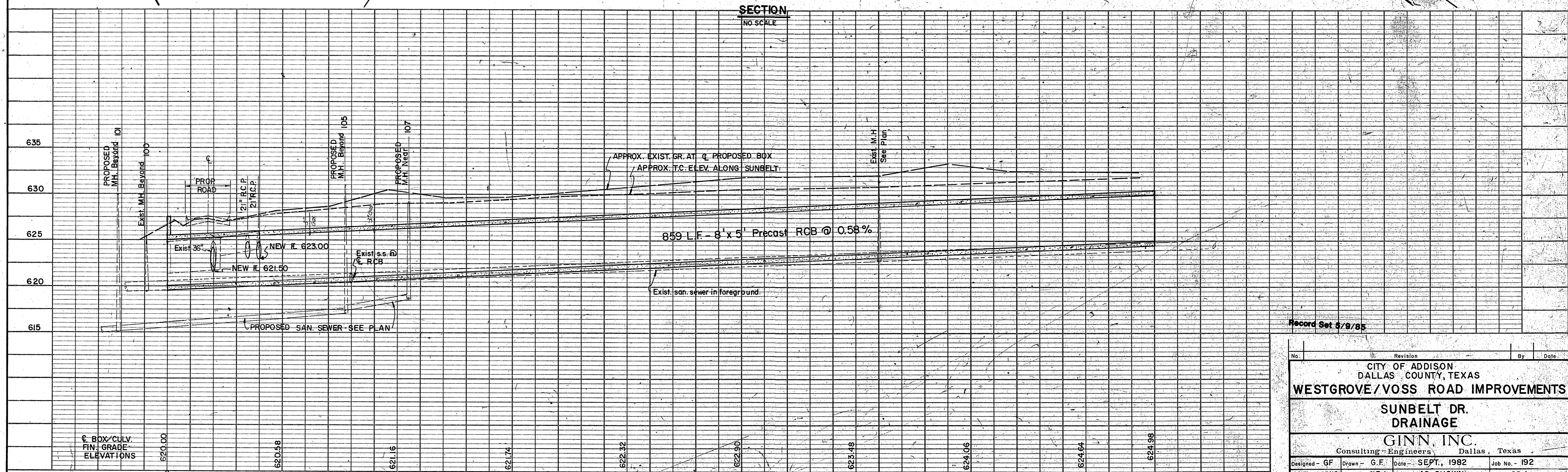
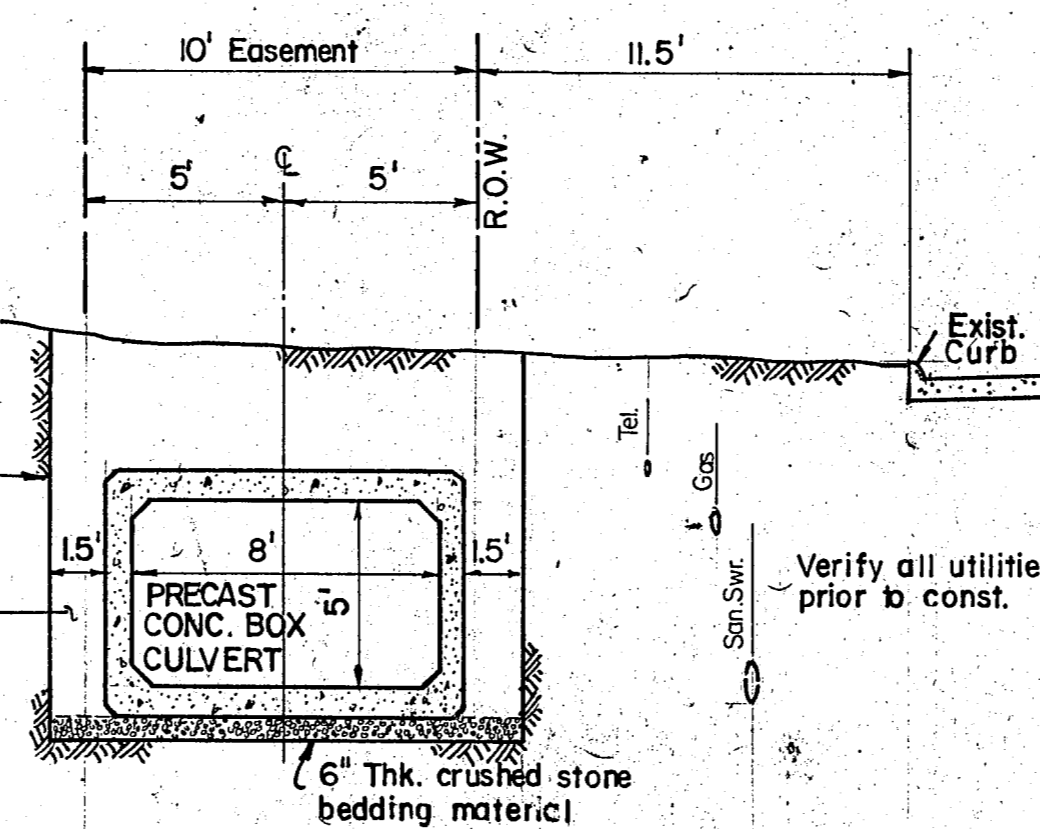
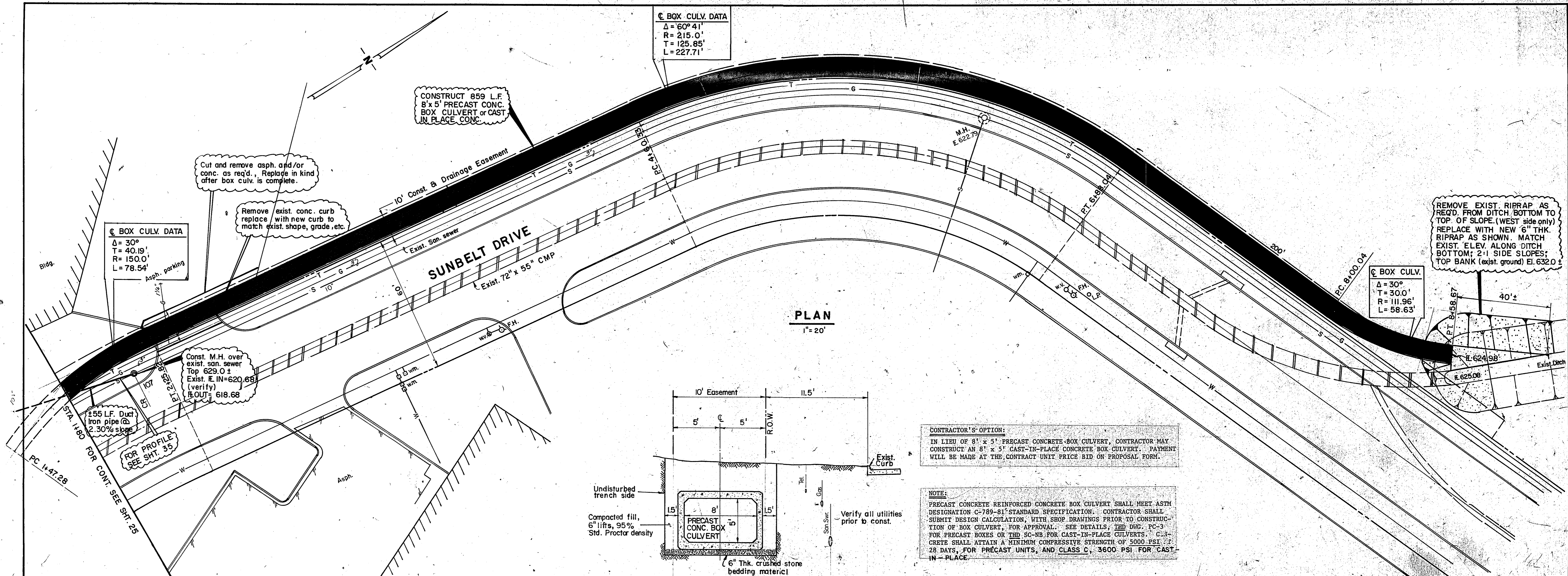
DRAINAGE - STA. 15+00 to STA. 20+00

GINN, INC.
Consulting Engineers - Dallas, Texas



Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE/VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 20+00 to 25+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT, 1982	FILE - J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1"=20'/V-1"=5'	SHEET 25 OF 25



Record Set 5/9/85

No.	Revision	By	Date
-----	----------	----	------

CITY OF ADDISON
DALLAS COUNTY, TEXAS
WESTGROVE/VOSS ROAD IMPROVEMENTS

SUNBELT DR. DRAINAGE

GINN, INC.
Consulting Engineers Dallas, Texas

Designed - GF Drawn - G.F. Date - SEPT., 1982 Job No. - 192
Approved - HWG Checked - HBJ Scale - AS SHOWN Sheet 25 A of

C. PIPE DATA
 $\Delta = 6^{\circ}50'45''$
 $R = 325.0'$
 $T = 19.44'$
 $L = 38.83'$

C. CURVE DATA
 $\Delta = 69^{\circ}17'00''$
 $R = 310.0'$
 $T = 214.19'$
 $L = 374.86'$

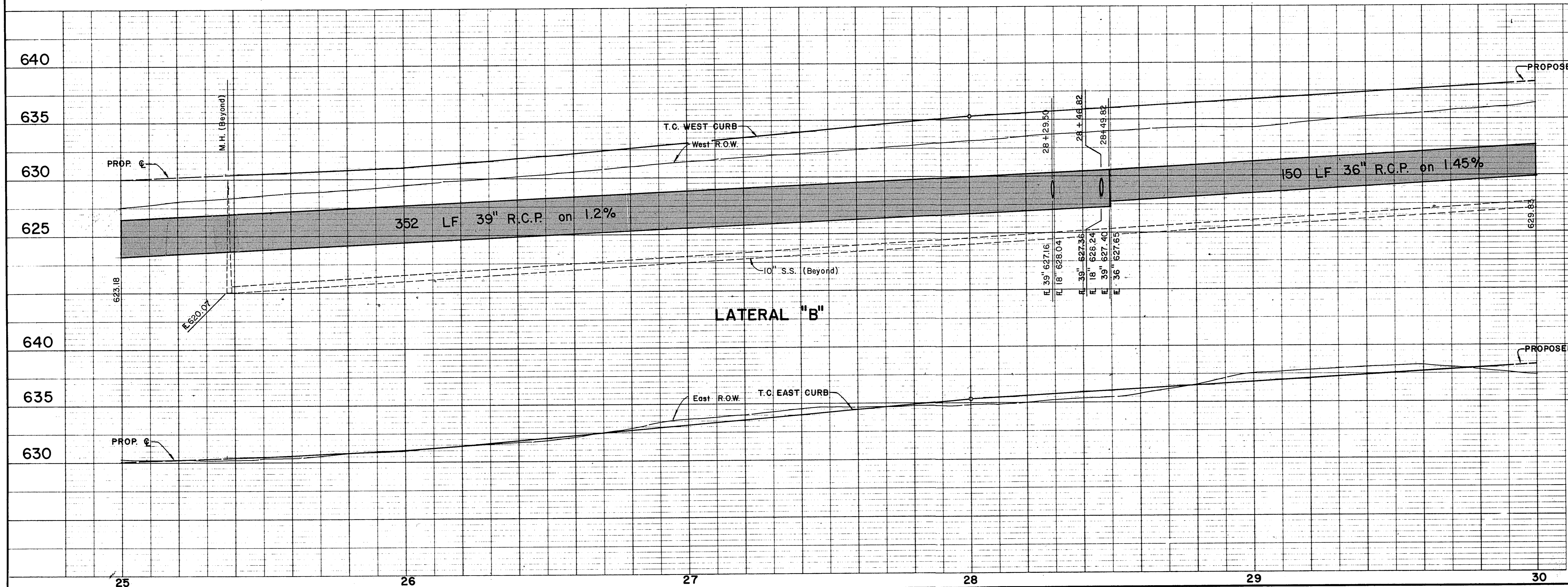
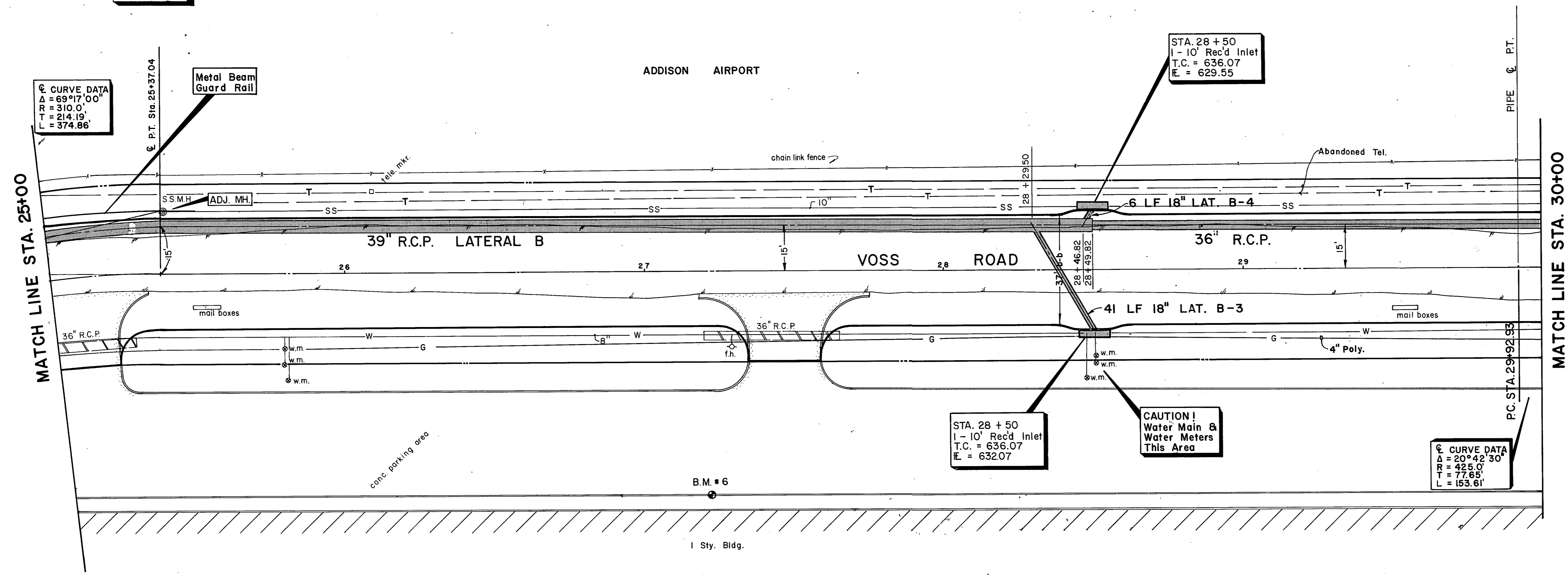
STA. 28 + 50
 1 - 10" Rec'd Inlet
 T.C. = 636.07
 E. = 629.55

STA. 28 + 50
 1 - 10" Rec'd Inlet
 T.C. = 636.07
 E. = 632.07

C. CURVE DATA
 $\Delta = 20^{\circ}42'30''$
 $R = 425.0'$
 $T = 77.65'$
 $L = 153.61'$

B.M. # 6 - "□" cut on T.C. 39" Rt. Sta. 27+20
 (16518 Westgrove)
 ELEV. 635.71

SUNBELT DEVELOPMENT CO.

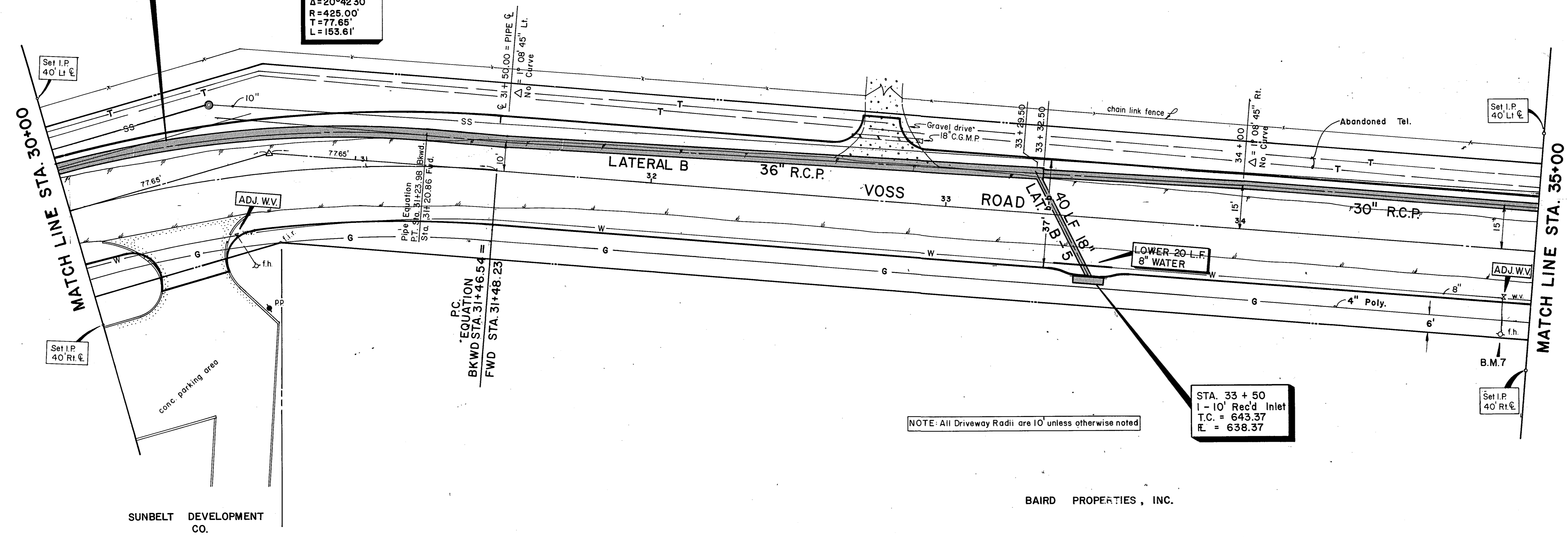


NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE / VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 25+00 to 30+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1"=20' V-1"=5'	SHEET 26 OF

PIPE DATA
 $\Delta = 20^\circ 42' 30''$
 $T = 66.25'$
 $R = 362.60'$
 $L = 131.05'$

CURVE DATA
 $\Delta = 20^\circ 42' 30''$
 $R = 425.00'$
 $T = 77.65'$
 $L = 153.61'$

ADDISON AIRPORT



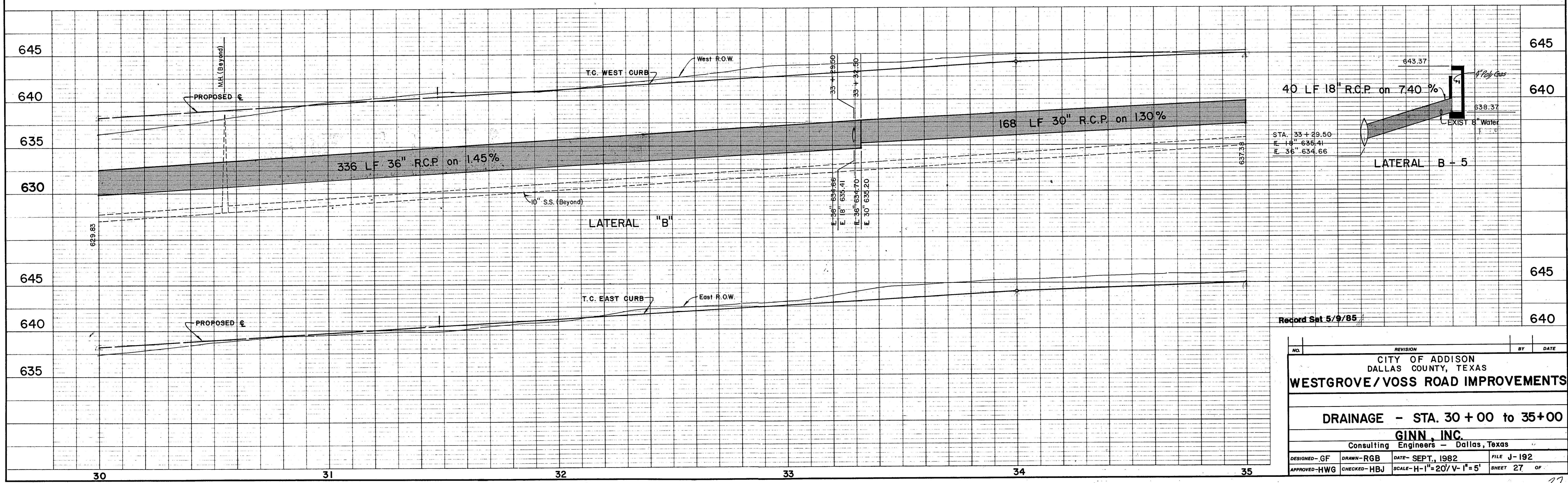
NOTE: All Driveway Radii are 10' unless otherwise noted

STA. 33 + 50
 1-10' Rec'd Inlet
 T.C. = 643.37
 E. = 638.37

B.M.#7 - Top F.H. 28.5' Rt. Sta. 34+91.50
 ELEV. 649.13

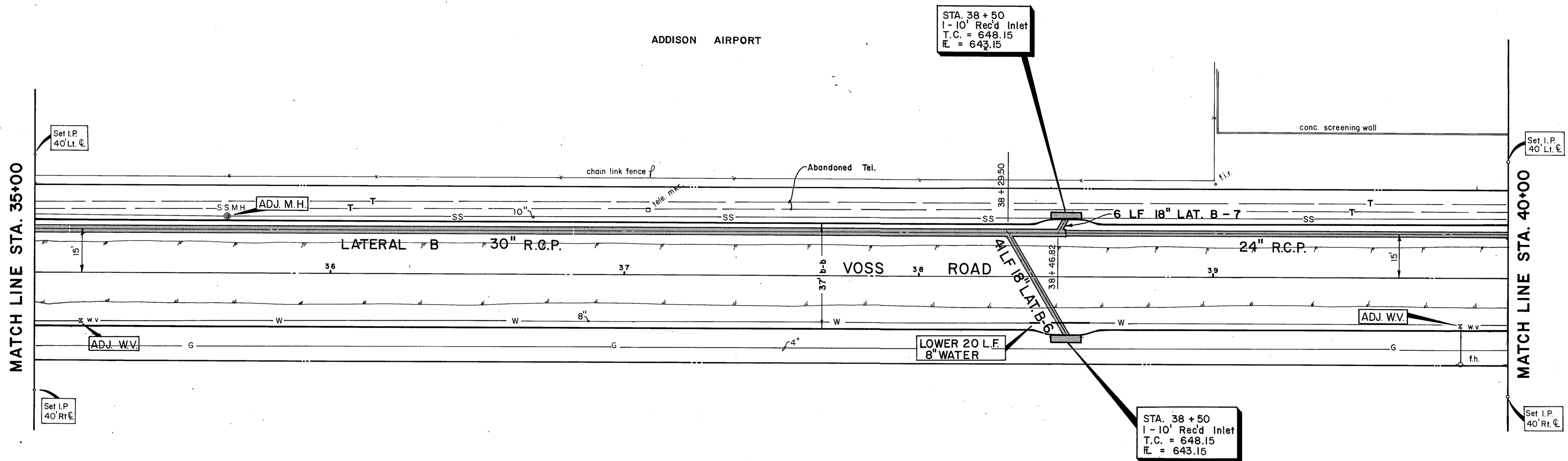
BAIRD PROPERTIES, INC.

SUNBELT DEVELOPMENT CO.



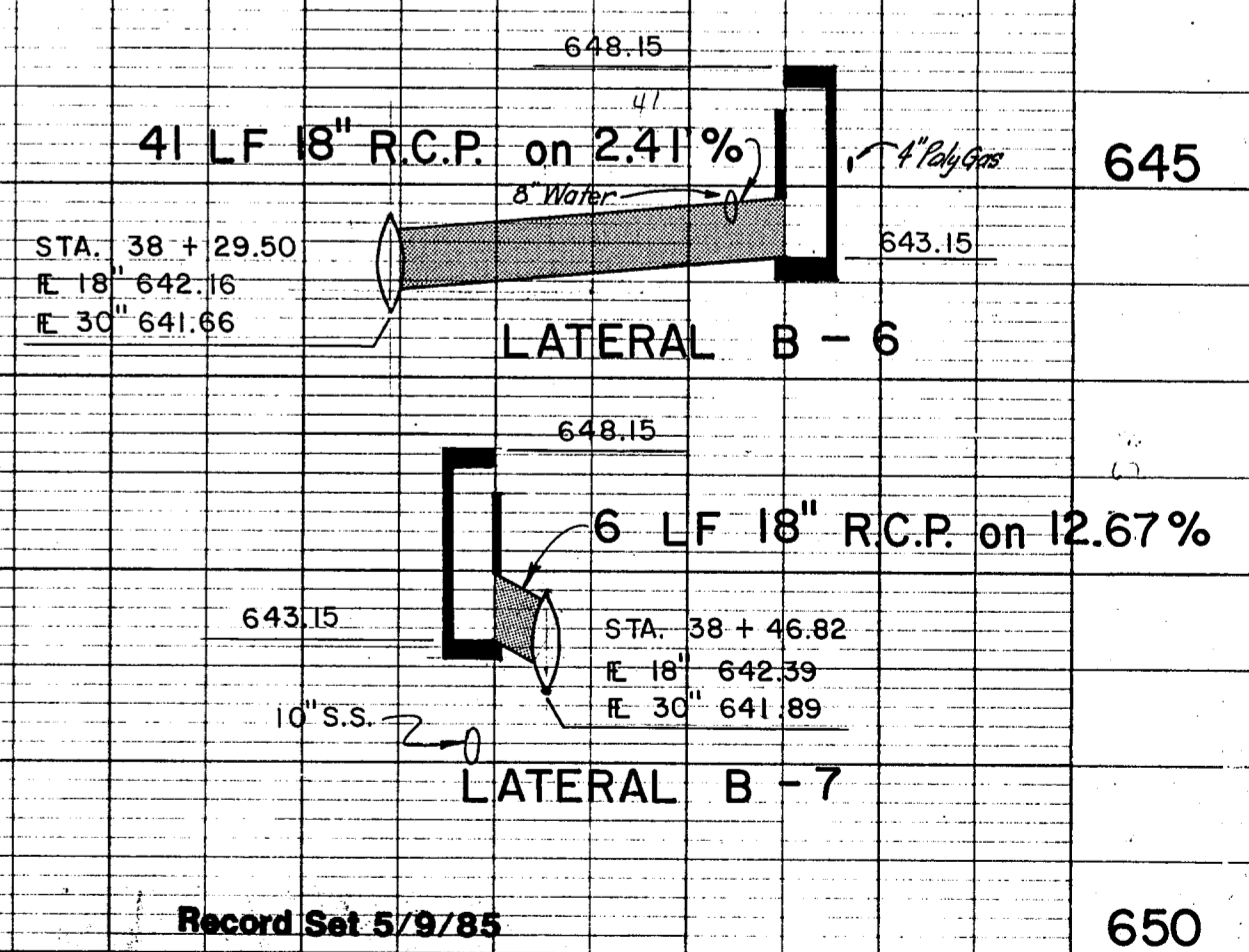
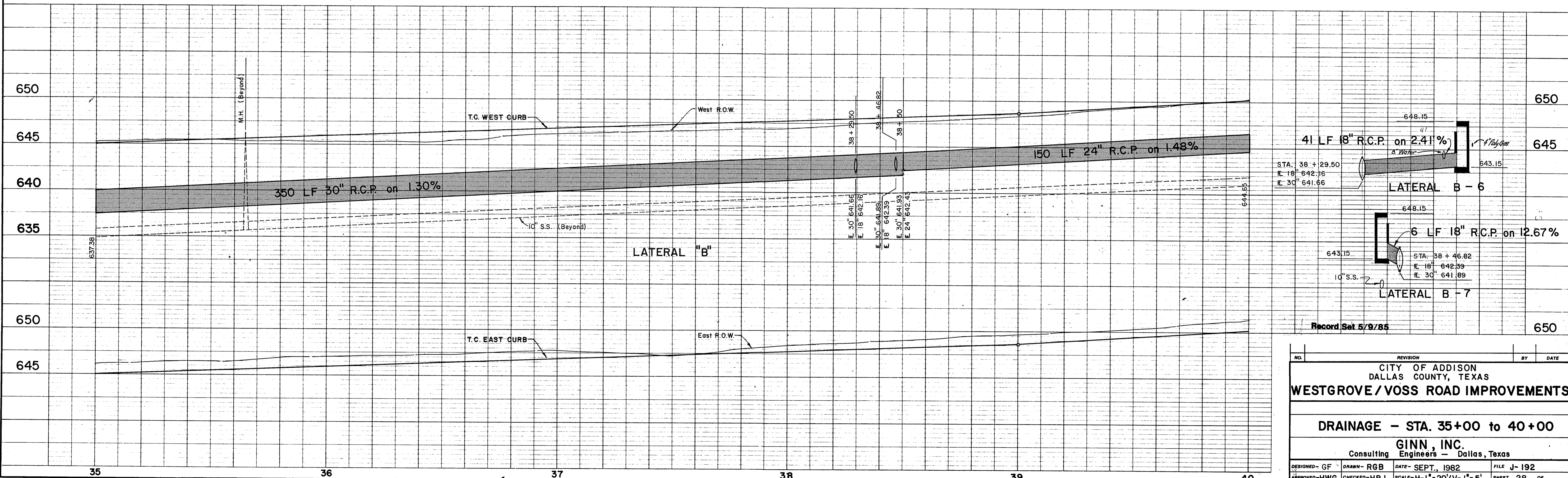
Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE/VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 30 + 00 to 35 + 00 GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1"=20'/V-1"=5'	SHEET 27 OF



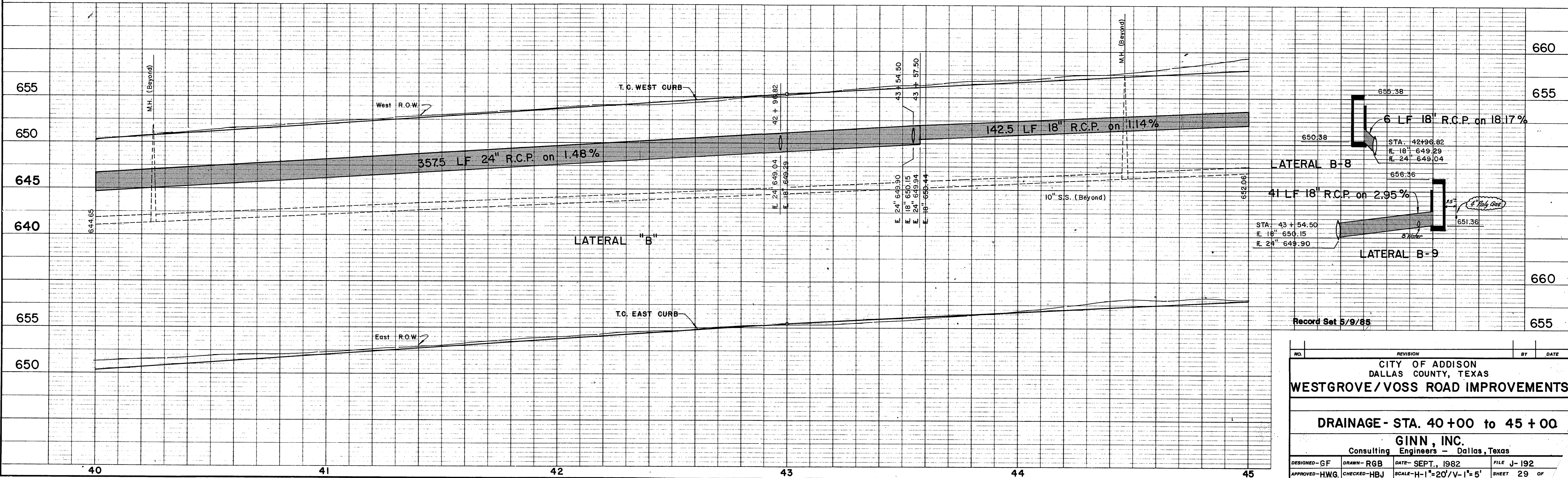
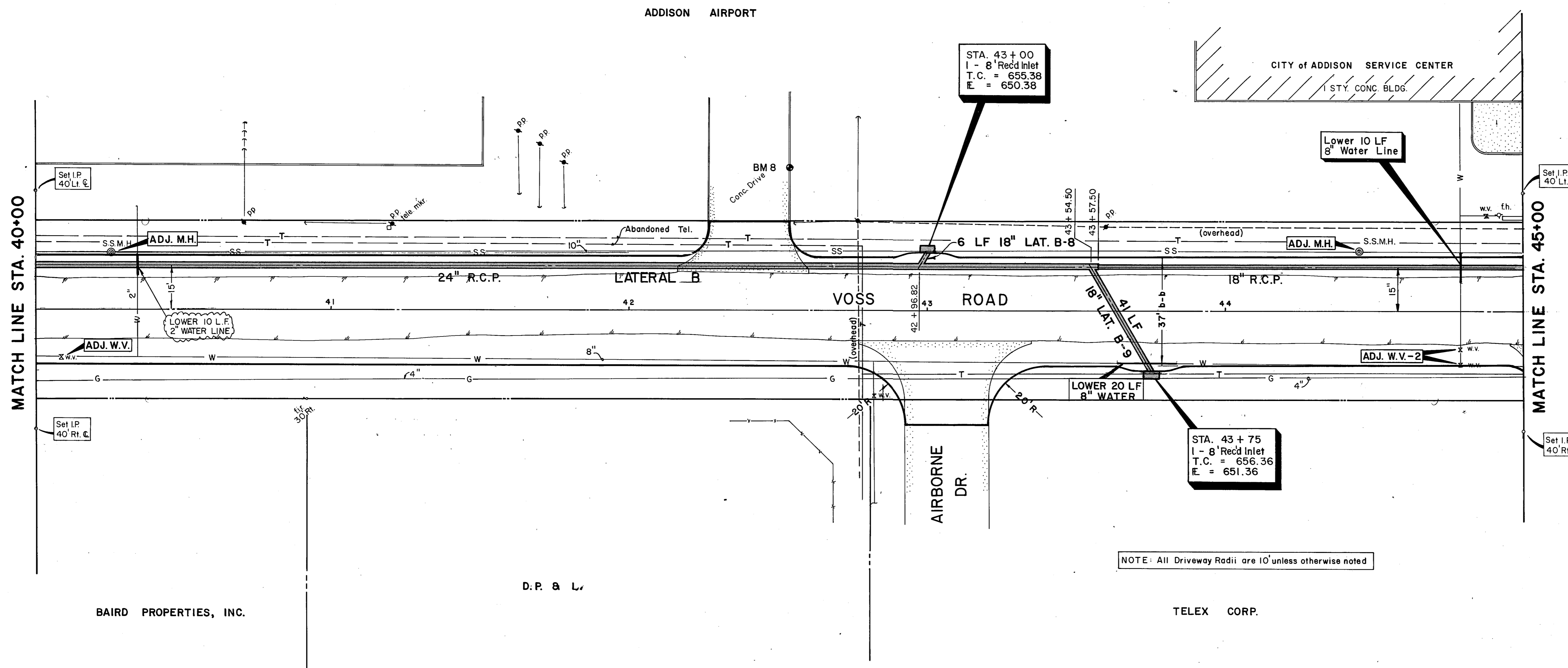
BAIRD PROPERTIES, INC.

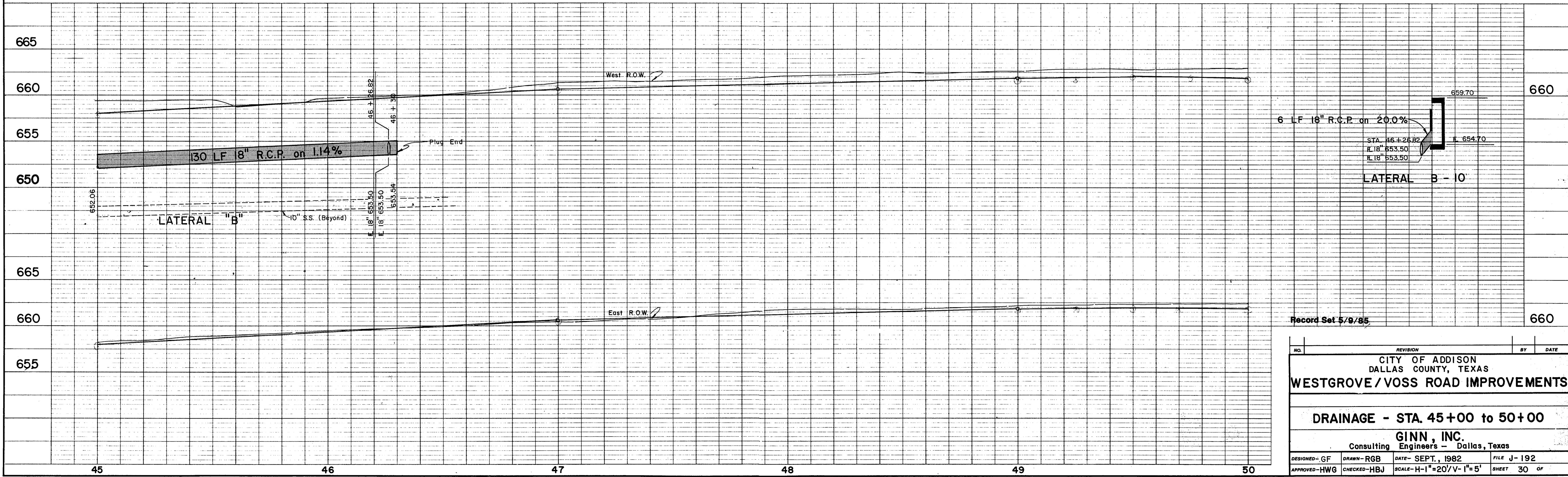
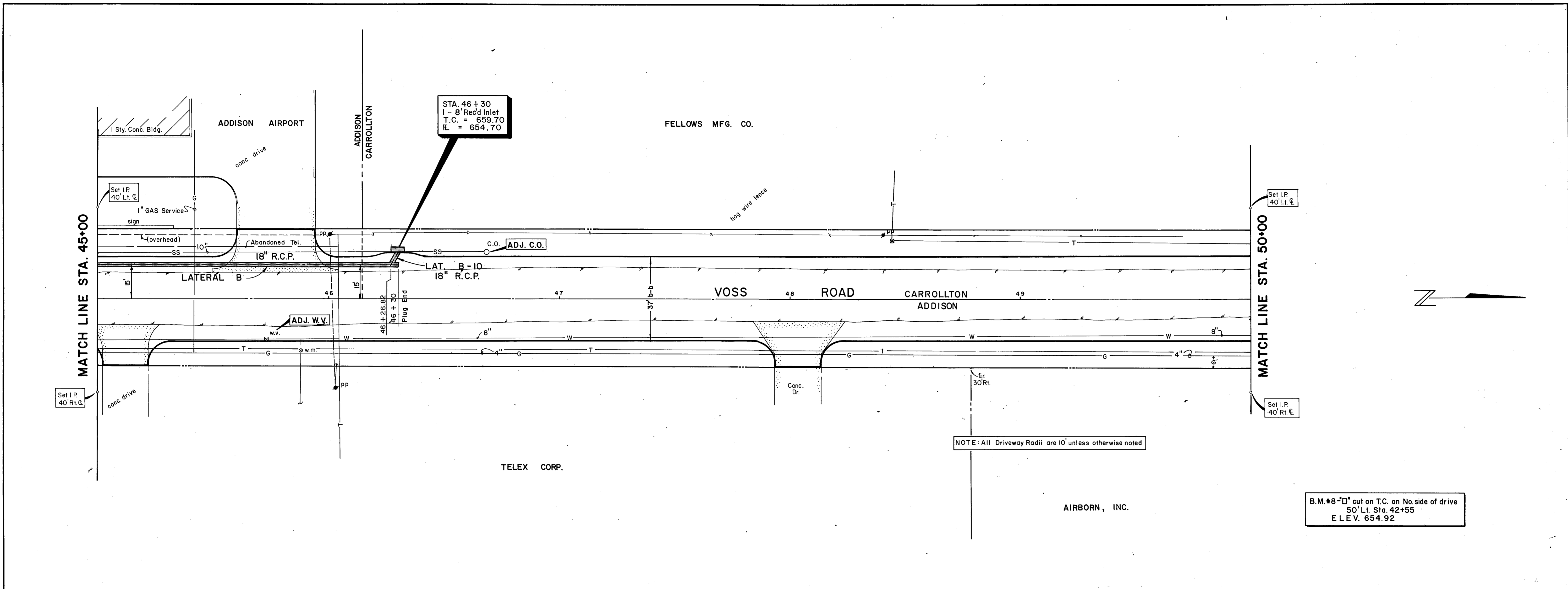
B.M. #7 - Top F.H. 28.5 Ft. Sta. 34+91.5
ELEV. 649.13



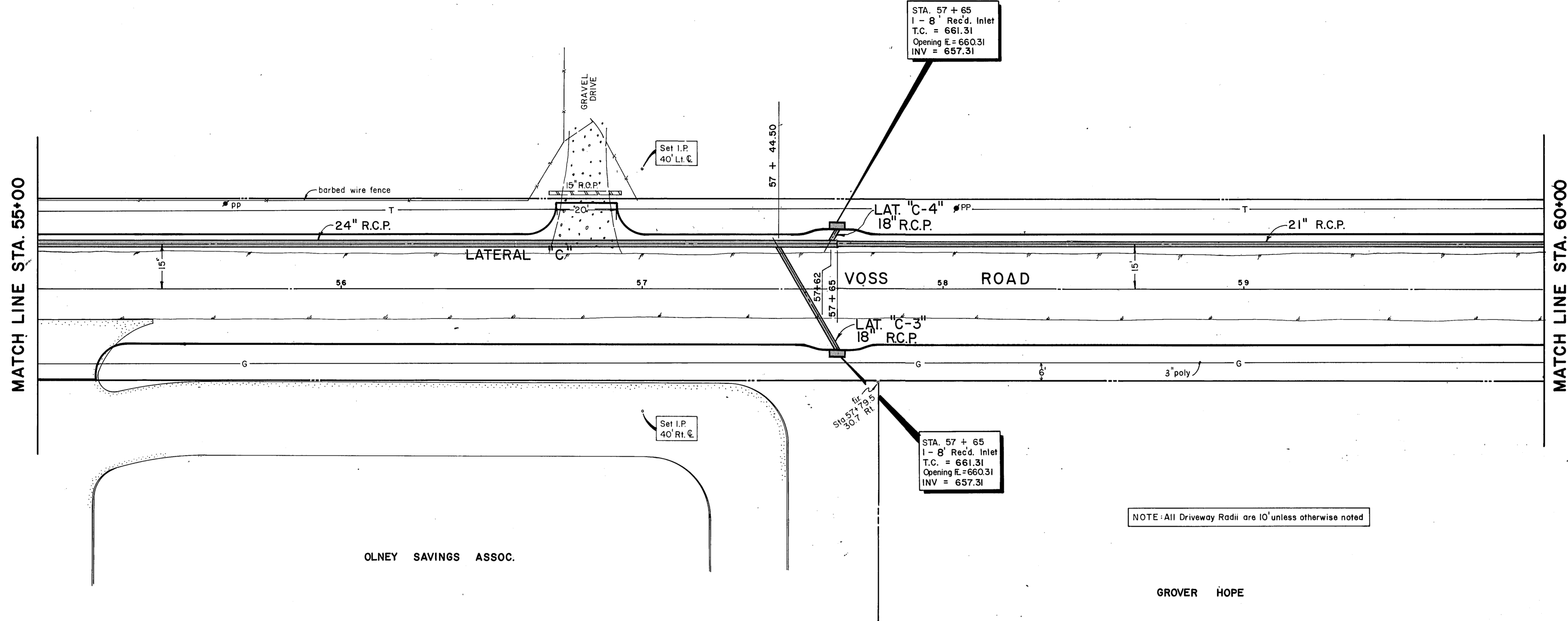
Record Set 5/9/85

NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE / VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 35+00 to 40+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1" = 20'/V-1" = 5'	SHEET 28 OF





CONNELL DEVELOPMENT CO.

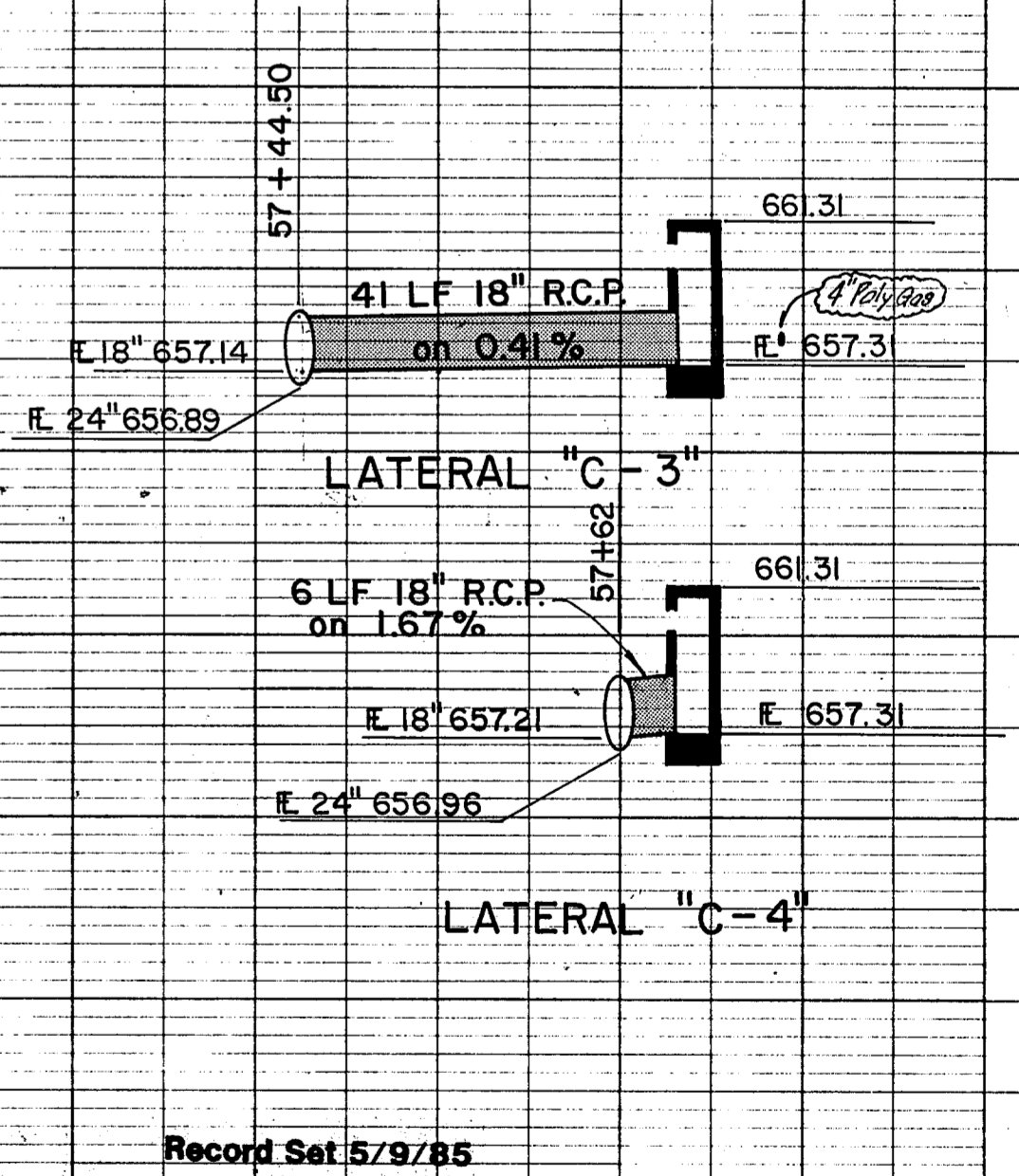
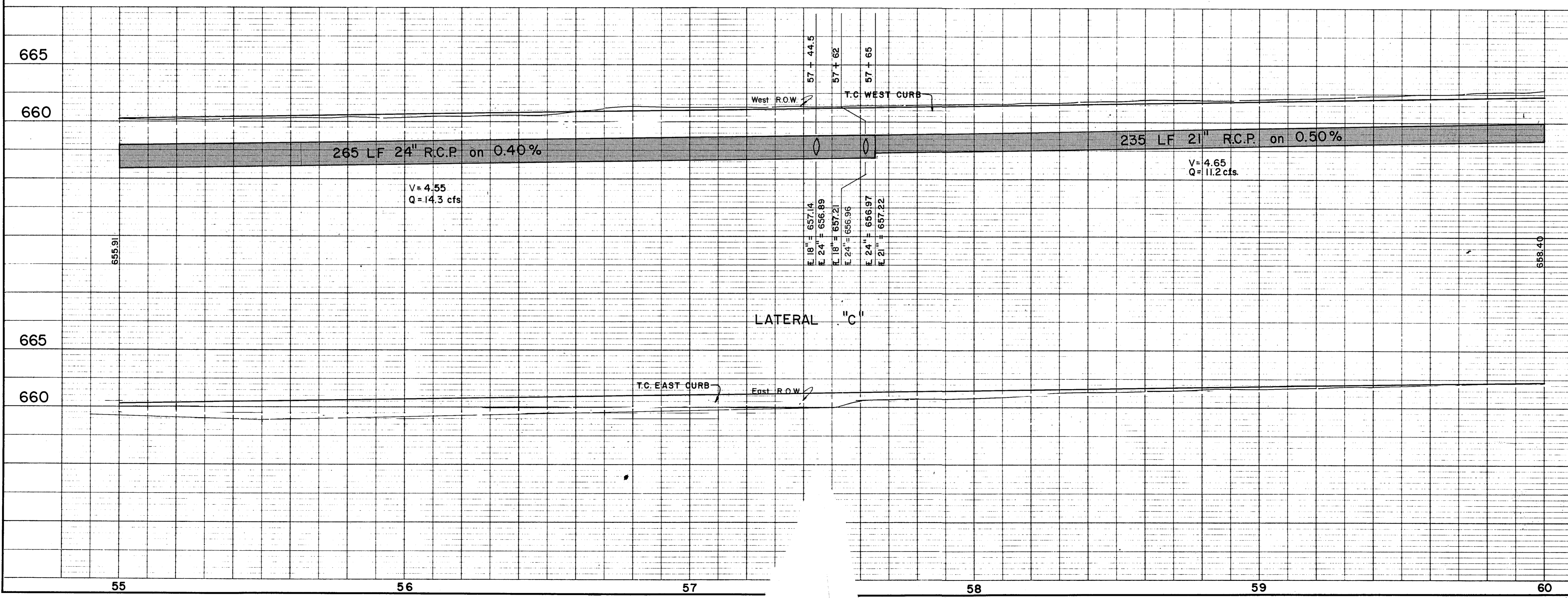


STA. 57 + 65
1 - 8" Rec'd. Inlet
T.C. = 661.31
Opening E. = 660.31
INV = 657.31

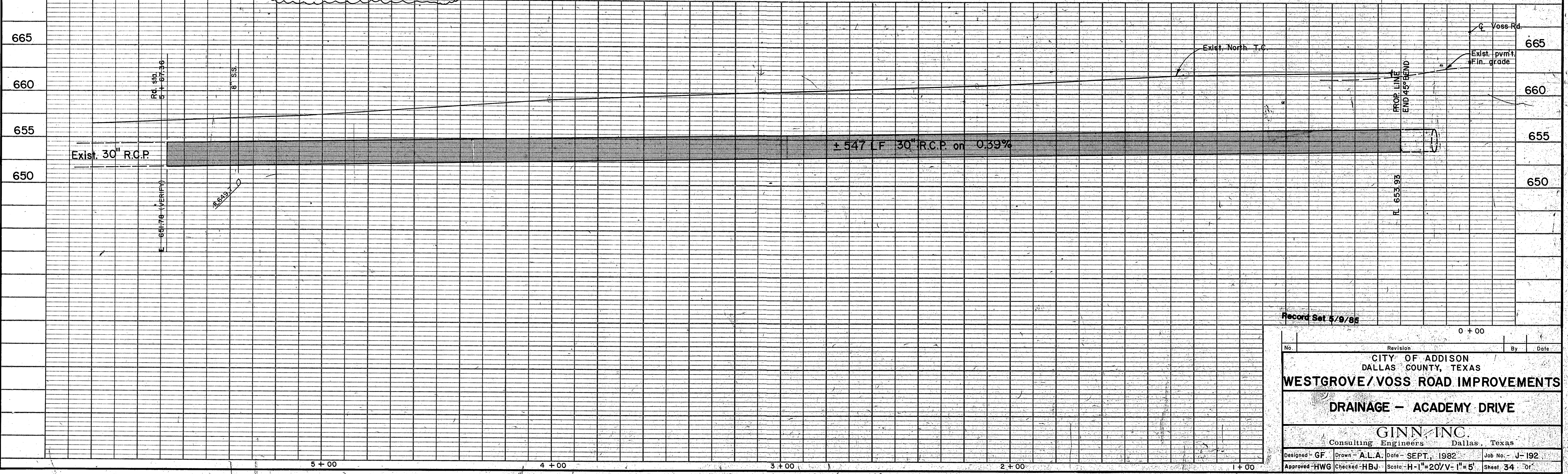
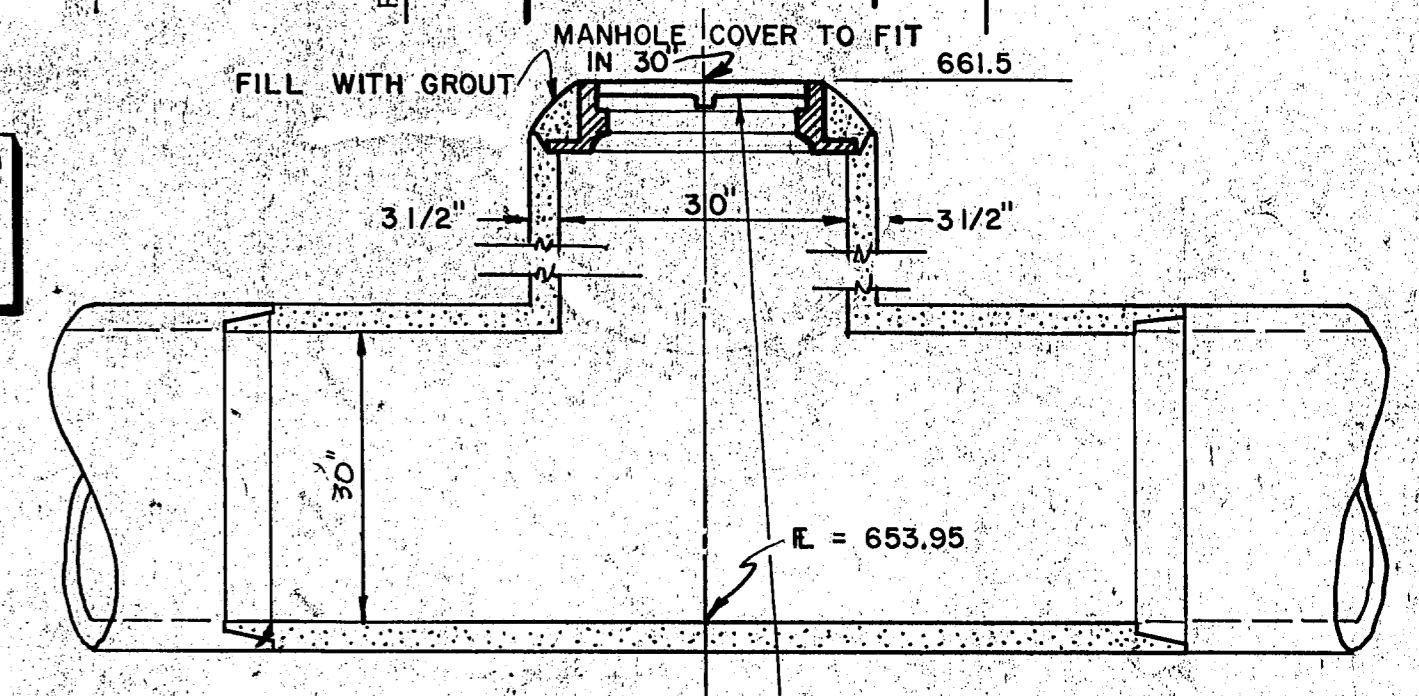
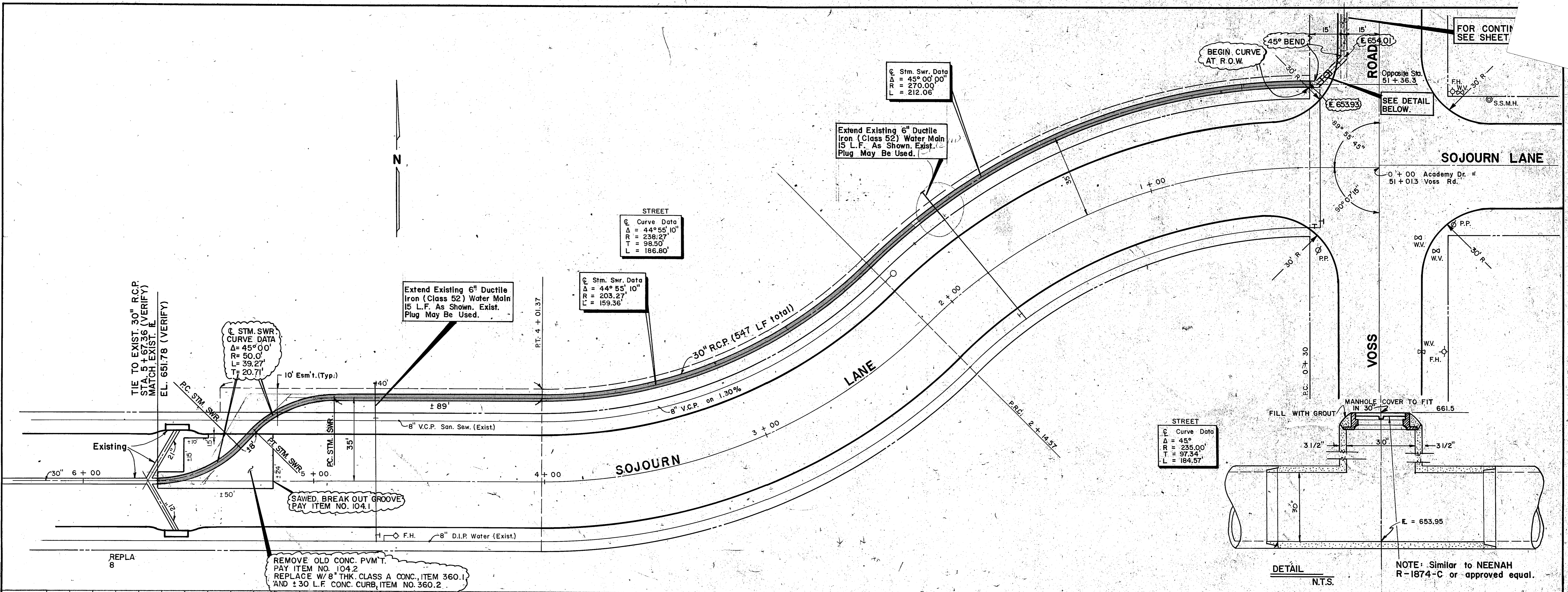
STA. 57 + 65
1 - 8" Rec'd. Inlet
T.C. = 661.31
Opening E. = 660.31
INV = 657.31

NOTE: All Driveway Radii are 10' unless otherwise noted

B.M. #9 - "X" cut on T.C. No. side Sojourn Ln.
55' Rt. Sta. 51+25
ELEV. 660.49



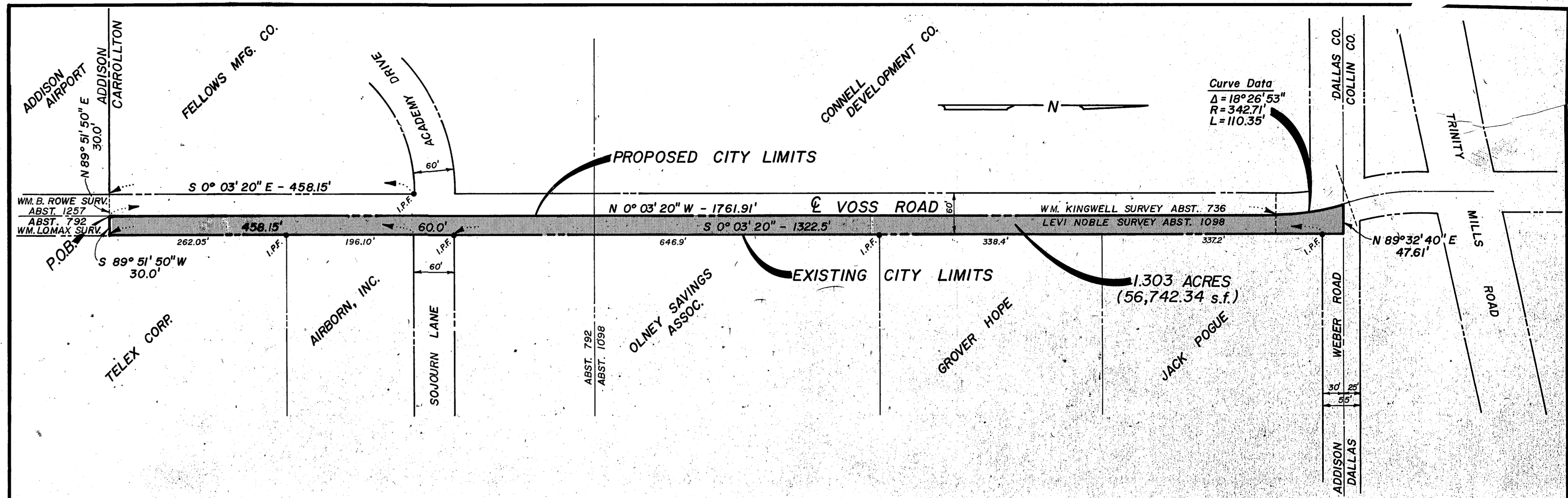
NO.	REVISION	BY	DATE
CITY OF ADDISON DALLAS COUNTY, TEXAS			
WESTGROVE/VOSS ROAD IMPROVEMENTS			
DRAINAGE - STA. 55+00 to 60+00			
GINN, INC. Consulting Engineers - Dallas, Texas			
DESIGNED - GF	DRAWN - RGB	DATE - SEPT., 1982	FILE J-192
APPROVED - HWG	CHECKED - HBJ	SCALE - H-1"=20'/V-1"=6'	SHEET 32 OF



Record Set 5/9/85

No.	Revision	By	Date
CITY OF ADDISON DALLAS COUNTY, TEXAS WESTGROVE/VOSS ROAD IMPROVEMENTS DRAINAGE - ACADEMY DRIVE			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - GF	Drawn - A.L.A.	Date - SEPT., 1982	Job No. - J-192
Approved - HWG	Checked - HBJ	Scale - H-1"=20'/V-1"=5'	Sheet 34 of

GINN, INC. Consulting Engineers Dallas, Texas Westgrove/Voss Road Paving & Drainage Improvements Opening Bid Date: 2:00 p.m., Tuesday, October 26, 1982				Roecker Bros., Inc. 1901 Royal Lane Suite 102 Dallas, Texas 75229		Austin Paving P.O. Box 1590 Dallas, Tx. 75221		Lanzo Const. 2100 Highway 360 Suite 200 A Grand Prairie, Tx 75051		L. H. Lacy, Co. 10288 Shady Trail P.O. Box 20297 Dallas, Tx. 75220		Ed Bell Const. P.O. Box 20871 Dallas, Tx. 75220		Texas Bitulithic Co. P.O. Box 10365 Dallas, Tx. 75207		Freeman Paving Co. P.O. Box 1657 Irving, Tx. 75060		Myre Const. Co. P.O. Box 721 Rockwall, Tx. 75087		J.M. Thurman Inc. P.O. Box 842 Mesquite, Tx. 75149	
				St. Paul Fire & Marine Insurance Co.		British American Insurance Co.		American Casualty Co. of Pennsylvania		Fireman's Insur. Co. of Newark, N.J.		Fireman's Fund Insur.		Insur. Co. of N. Amer.		Aetna Insur. Co.		St. Paul Fire & Marine Insur. Co.		Seaboard Surety Co.	
				Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2		Add. #1, Add. #2	
ITEM NO.	DESCRIPTION	UNIT	QUAN.	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE	UNIT PRICE	ITEM PRICE
100	Prepare Right-of-way	Sq.	66.12	670.00	44,300.40	435.00	28,762.30	600.00	39,672.00	720.00	60,830.40										
102	Clearing and Grubbing (Channel)	AC.	0.45	2,200.00	990.00	1,000.00	450.00	1,500.00	675.00	618.00	278.10										
104.1	Sawed Break-out Groove	L.F.	1037.5	1.50	1,556.25	1.10	1,141.25	2.00	2,075.00	1.00	1,037.50										
104.2	Remove Old Conc. Paving, Driveways & Walks	S.Y.	74.5	5.68	423.16	5.00	371.50	4.75	353.63	5.15	383.57										
104.3	Remove Old Conc. Curb & Gutter	L.F.	117	1.02	119.34	1.50	175.50	1.00	117.00	1.05	122.85										
110	Unclassified Road Excavation (Density Control)	C.Y.	11179.5	3.50	39124.75	3.75	41917.38	2.40	26830.80	2.80	31301.80										
120	Unclassified Channel Excavation (Ord. Conc.)	L.F.	250	20.00	5000.00	11.00	2750.00	10.00	2500.00	3.10	775.00										
248.1	Flexible Base, Tr. A, Grade 2, Class 1 (Density Cont.)	C.Y.	100	25.00	2500.00	18.00	1800.00	20.00	2000.00	19.00	1900.00										
248.2	Flexible Base, Tr. B, Grade 2, Class 1 (Ord. Conc.)	C.Y.	12	25.00	300.00	18.00	216.00	20.00	240.00	19.00	228.00										
260.1	Lime Slurry, Tr. A (6% Max. 27 #/SY)	TON	397.8	75.00	29835.00	74.00	29437.20	75.00	29835.00	75.00	29835.00										
260.2	Lime Treated Subgrade, 6" Thk. (Density Cont.)	S.Y.	29470.3	1.13	33291.44	0.96	28281.49	1.10	32417.33	1.14	33586.14										
340.1	HMACP, Tr. D, Class A (110 #/In./SY)	TON	150.0	44.28	6642.00	37.00	5550.00	47.50	7125.00	50.00	7500.00										
360.1	8" Thk. Class A Conc. Pavement (3000 psi)	S.Y.	27633.4	12.73	351926.58	14.17	391565.38	14.53	401573.30	14.93	412564.44										
360.2	6" Manolithic Conc. Curb (3000 psi)	L.F.	11094.1	1.00	11094.10	1.00	11094.10	1.00	11094.10	1.00	11094.10										
360.3	Concrete Street Header	L.F.	37.0	9.10	336.70	8.70	321.90	8.50	313.75	8.00	295.60										
421.1	Class A Conc. for Headwalls, Wingwalls, Apron	C.Y.	18.82	400.00	7528.00	400.00	7528.00	230.00	4301.00	500.00	9400.00										
421.2	Class A Conc. for Concrete Flumes	C.Y.	4.83	200.00	966.00	250.00	1212.50	230.00	1113.50	200.00	966.00										
432	Conc. Riprap, Class A, 6" Thk. (Complete-in-place)	S.Y.	288.4	30.00	8652.00	27.00	7786.80	27.55	7945.42	33.00	9517.80										
440	Reinforcing Steel (Headwalls, Wingwalls, Apron)	LBS.	2480	0.40	992.00	0.45	1116.00	0.40	992.00	0.48	1190.40										
465.1	18" RCP, Class III	L.F.	1629.3	19.00	31056.70	31.15	50758.97	31.70	51855.15	28.00	45624.00										
465.2	21" RCP, Class III	L.F.	339	11.00	3729.00	12.85	4356.15	13.00	4407.00	12.00	4068.00										
465.3	24" RCP, Class III	L.F.	827.5	24.00	19860.00	35.00	29062.50	35.50	29376.25	34.00	28140.00										
465.4	27" RCP, Class III	L.F.	1571	26.00	40846.00	37.40	58745.80	38.10	60075.90	36.00	56124.00										
465.5	30" RCP, Class III	L.F.	1371	28.00	38388.00	39.50	54154.50	40.20	55160.20	39.00	53430.00										
465.6	36" RCP, Class III	L.F.	1900	36.15	68685.00	47.55	90341.25	48.25	92275.00	47.00	89490.00										
465.7	39" RCP, Class III	L.F.	180	43.50	7830.00	54.75	9855.00	55.50	10000.00	54.00	9720.00										
465.8	42" RCP, Class III	L.F.	180	46.00	8280.00	57.00	10260.00	58.15	10467.00	56.00	10080.00										
465.9	45" RCP, Class III	L.F.	183	47.35	8664.05	58.65	10712.95	59.15	10823.45	58.00	10614.00										
470.1	8" Recessed Inlet (Complete-in-place)	EA.	10	1530.00	15300.00	1100.00	11000.00	1500.00	15000.00	1300.00	13000.00										
470.2	8" Man. Recessed Inlet (Complete-in-place)	EA.	2	1670.00	3340.00	1400.00	2800.00	1800.00	3600.00	1600.00	3200.00										
470.3	10" Recessed Inlet (Complete-in-place)	EA.	2	1850.00	3700.00	1600.00	3200.00	2000.00	4000.00	1800.00	3600.00										
470.4	10" Man. Recessed Inlet (Complete-in-place)	EA.	1	1630.00	1630.00	1400.00	1400.00	1800.00	1800.00	1600.00	1600.00										
470.5	Double 10" Recessed Inlet (Complete-in-place)	EA.	1	3200.00	3200.00	2900.00	2900.00	3700.00	3700.00	3400.00	3400.00										
470.6	Std. Type "X" or "Y" Inlet (Complete-in-place)	EA.	1	1250.00	1250.00	1000.00	1000.00	1300.00	1300.00	1100.00	1100.00										
470.7	Mod. Std. Type "X" or "Y" Inlet (Complete-in-place)	EA.	1	1050.00	1050.00	850.00	850.00	1100.00	1100.00	900.00	900.00										
470.8	4" Diam. San. Sewer Manhole (8'-10")	EA.	1	1050.00	1050.00	1000.00	1000.00	1100.00	1100.00	1000.00	1000.00										
470.9	4" Diam. San. Sewer Manhole (4'-6")	EA.	3	1435.00	4305.00	1170.00	3510.00	1200.00	3600.00	1100.00	3300.00										
470.10	Std. 4" Diam. Drop Manhole (10'-12")	EA.	2	1460.00	2920.00	1430.00	2860.00	1500.00	3000.00	1400.00	2800.00										
471	Frame and Cover	EA.	6	140.00	840.00	165.00	990.00	121.00	726.00	120.00	720.00										
479.1	Adjust Manhole	EA.	4	230.00	920.00	500.00	2000.00	150.00	600.00	310.00	1240.00										
479.2	Adjust Water Valve	EA.	1	150.00	150.00	75.00	75.00	100.00	100.00	70.00	70.00										
479.3	Adjust Water Meter	EA.	1	300.00	300.00	150.00	150.00	200.00	200.00	150.00	150.00										
479.4	Adjust San. Sewer Cleanout	EA.	1	150.00	150.00	75.00	75.00	100.00	100.00	70.00	70.00										
479.5	Reinforce Lower 2' Service Lines	L.F.	70	40.00	2800.00	35.00	2450.00	40.00	2800.00	38.00	2660.00										
479.6	Removal of Existing San. Sewer Lines	L.F.	330	1.00	330.00	0.50	165.00	0.75	247.50	0.50	165.00										
479.7	Removal of Existing San. Sewer Lines	L.F.	30	12.00	360.00	66.50	1995.00	4.75	142.50	7.10	213.00										
479.8	6" Ductile Iron Water Main Extension (Class 52)	L.F.	30	12.00	360.00	66.50	1995.00	4.75	142.50	7.10	213.00										
520	Concrete Curb, Class A	L.F.	10	100.00	1000.00	100.00	1000.00	100.00	1000.00	100.00	1000.00										
524.1	5" Thk. Concrete Driveway (3600 psi)	S.Y.	1167.98	17.85	20838.44	27.00	31535.46	27.00	31535.46	27.00	31535.46										
524.2	6" Thk. Concrete Driveway (3600 psi)	S.Y.	206.12	19.00	3916.28	25.00	5153.00	27.00	5564.64	27.00	5564.64										
550.1	Met. Beam Guard Rail (12 Gauge)	L.F.	400	11.50	4600.00	12.50	5000.00	15.00	6000.00	10.00	4000.00										
560.2	Terminal Sections	EA.	1	500.00	500.00	115.00	115.00	300.00	300.00	200.00	200.00										
580	Field Office Tr. A	L.S.	2	500.00	1000.00	115.00	230.00	300.00	600.00	200.00	400.00										
640.1	2"-3" PVC Conduit (Sch. 40) (Complete-in-place)	L.F.	383	9.00	3447.00	1100.00	4213.00	300.00	1140.00	250.00	962.50										
640.2	Conc. Pull Box	EA.	9	180.00	1620.00	180.00	1620.00	150.00	1350.00	160.00	1440.00										
640.3	10" VCP Sewer (Extra Strength)	L.F.	402	18.00	7236.00	26.25	10552.50	31.35	12607.70	30.00	12060.00										
640.4	10" Ductile Iron Sanitary Sewer Pipe	L.F.	135	21.00	2835.00	38.00	5130.00	33.70	4549.50	34.00	4590.00										
752.1	4" Traffic Button Double Refl. P117 Y	EA.	2014	2																	



DESCRIPTION

BEING a tract of land in the William Lomax Survey, Abstract 792 and the Levi Noble Survey, Abstract 1098, as recorded in the Deed Records, Dallas County, Texas; and being more particularly described as follows:

COMMENCING at the intersection of the South right-of-way line of Academy Drive (60-ft. ROW) with the West right-of-way line of Voss Road (Dooley Rd., 60-ft. ROW);

THENCE, S 0° 03' 20" E, along said West ROW a distance of 458.15 ft. to a point on the existing City Limit Line;

THENCE, N 89° 51' 50" E, along said existing City Limit a distance of 30.0 ft. to the POINT OF BEGINNING; said point also being the centerline of Voss Road (a 60-ft. ROW);

THENCE, N 0° 03' 20" W, along said centerline a distance of 1,761.91 ft. to a point on a curve to the left; said curve having a central angle of 18° 26' 53" and a radius of 342.71 ft.;

THENCE, along arc of said curve a distance of 110.35 ft. to a point on the Dallas County and Collin County line;

THENCE, N 89° 32' 40" E, along said County line a distance of 47.61 ft. to a point;

THENCE, S 0° 03' 20" E, a distance of 30.0 ft. to an intersection point on the South ROW of Weber Road (variable width ROW) and the East ROW of Voss Road;

THENCE, continue S 0° 03' 20" E, along said East ROW a distance of 1,322.5 ft. to a point on the North ROW of Sojourn Lane (60-ft. ROW);

THENCE, S 0° 03' 20" E, 60.0 ft. to the South ROW of said Sojourn Lane;

THENCE, continue S 0° 03' 20" E, a distance of 458.15 ft. to a point;

THENCE, S 89° 51' 50" W, a distance of 30.0 ft. to the POINT OF BEGINNING, containing 1.303 Acres (56,742.34 s.f.) of land, more or less.

CITIES OF ADDISON & CARROLLTON
DALLAS COUNTY, TEXAS

WILLIAM LOMAX SURVEY ABSTRACT 792
LEVI NOBLE SURVEY ABSTRACT 1098
SCALE: 1" = 100' DATE: JULY 27, 1982

GINN, INC.
Consulting Engineers
Dallas, Texas

Record Set 5/9/85