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TEXAS TURNPIKE AUTHORITY

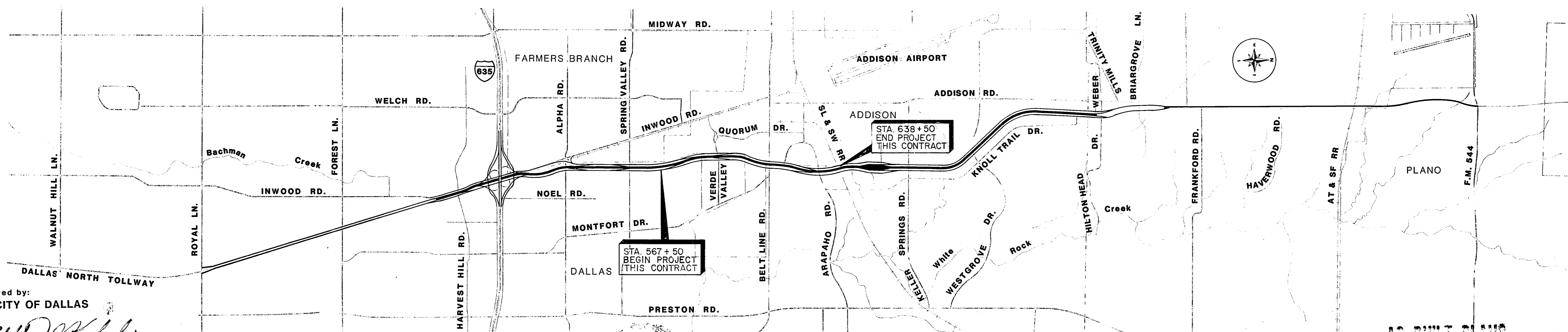
CONTRACT NO. DNT 114

GRADING, DRAINAGE AND PAVING

SECTION VI

VOLUME 1

DALLAS NORTH TOLLWAY



Approved by:
 THE CITY OF DALLAS

Clifford V. Kehely
 Date: 3/20/86

Approved by:
 TOWN OF ADDISON

[Signature]
 Date: 5-15-86

Approved by:
 THE CITY OF FARMERS BRANCH

[Signature]
 City Manager
 Date: _____

Prepared by:
 TURNER COLLIE AND BRADEN, INC.

Lawrence D. Bragg, Jr.
 Date: 1-10-84

Recommended by:
 HOWARD, NEEDLES, TAMMEN & BERGENDOFF

Daniel T. Baker
 Engineer In Charge
 Date: February 9, 1984

Recommended by:
 TEXAS TURNPIKE AUTHORITY

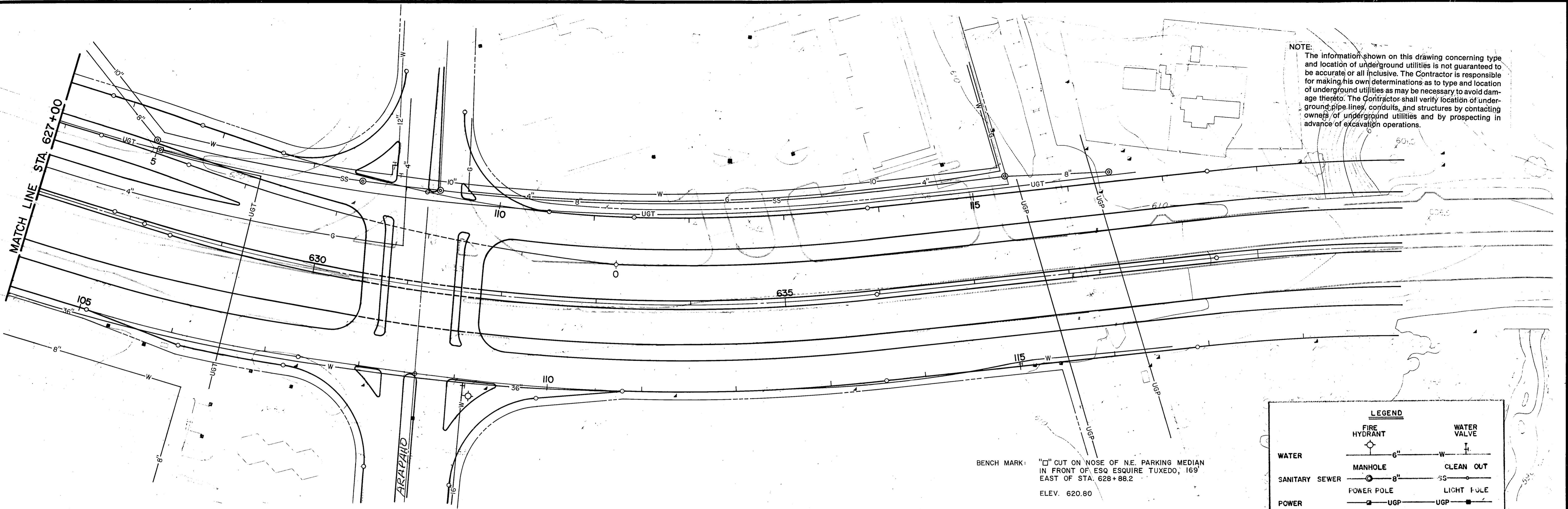
James W. Driffen
 Director, Engineering & Maintenance
 Date: February 9, 1984

Approved by:
 TEXAS TURNPIKE AUTHORITY

[Signature]
 Engineer Manager
 Date: _____

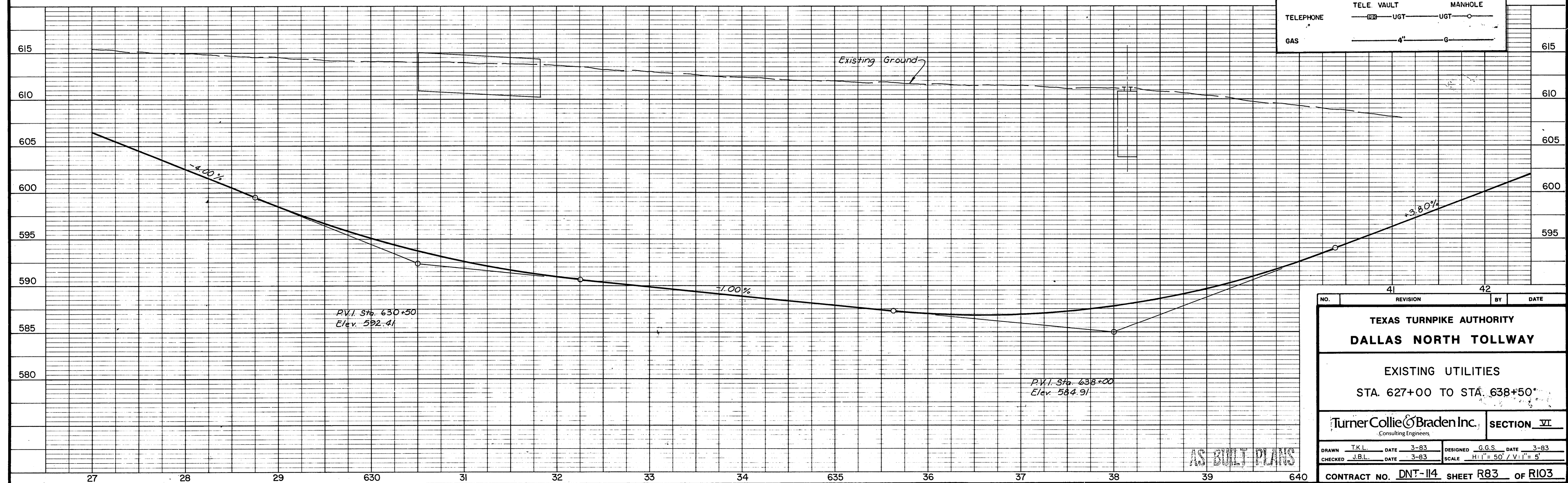
AS BUILT PLANS

NOTE:
 The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.



BENCH MARK: "□" CUT ON NOSE OF N.E. PARKING MEDIAN
 IN FRONT OF ESQ ESQUIRE TUXEDO, 169
 EAST OF STA. 628+88.2
 ELEV. 620.80

LEGEND	
FIRE HYDRANT	WATER VALVE
MANHOLE	CLEAN OUT
POWER POLE	LIGHT POLE
TELE. VAULT	MANHOLE
GAS	



NO.	REVISION	BY	DATE
41			
42			

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

EXISTING UTILITIES
 STA. 627+00 TO STA. 638+50

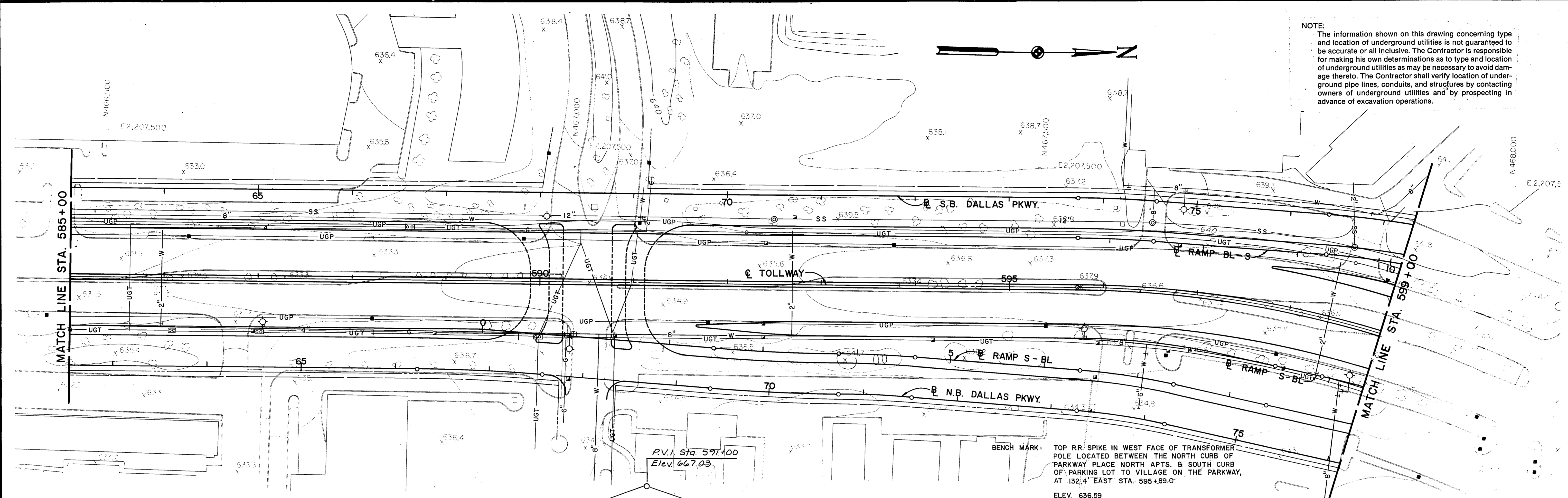
Turner Collie & Braden Inc. **SECTION VI**
Consulting Engineers

DRAWN	TKL.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H: 1" = 50' / V: 1" = 5'		

CONTRACT NO. **DNT-114** SHEET **R83** OF **R103**

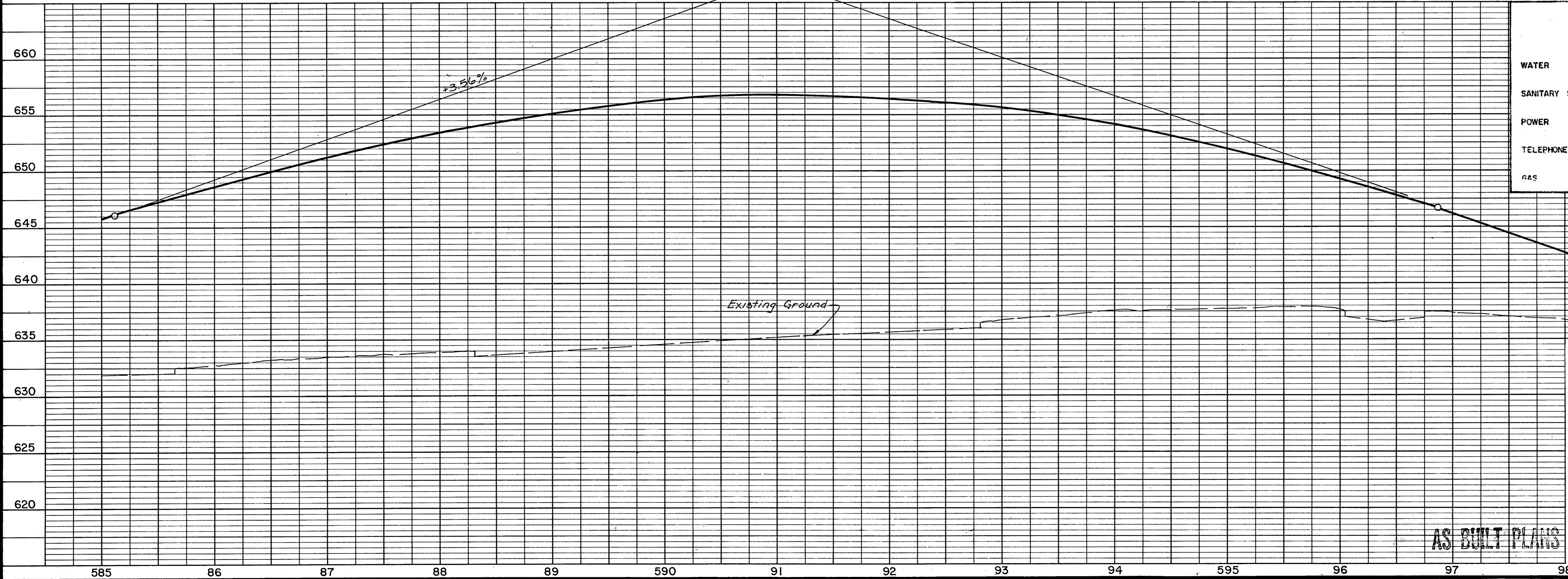
AS BUILT PLANS

NOTE:
 The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.



P.V. Sta. 591+00
 Elev. 667.03

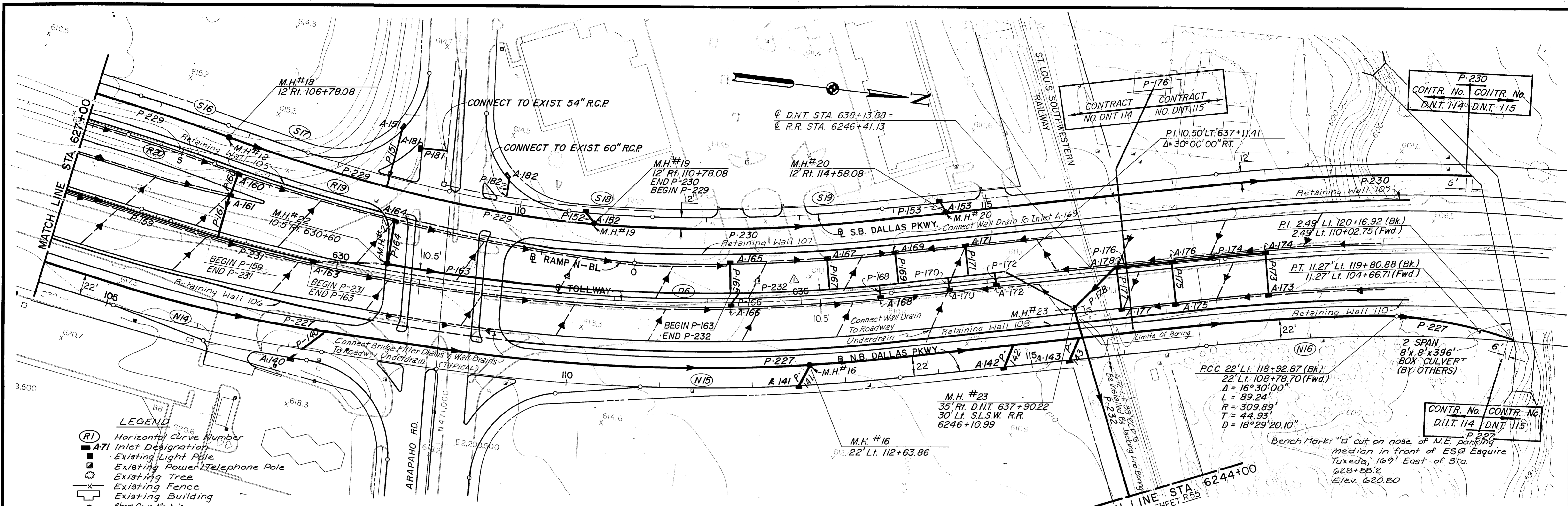
BENCH MARK: TOP RR. SPIKE IN WEST FACE OF TRANSFORMER POLE LOCATED BETWEEN THE NORTH CURB OF PARKWAY PLACE NORTH VILLAGE & SOUTH CURB OF PARKING LOT TO VILLAGE ON THE PARKWAY, AT 132.4' EAST STA. 595+89.0'
 ELEV. 636.59



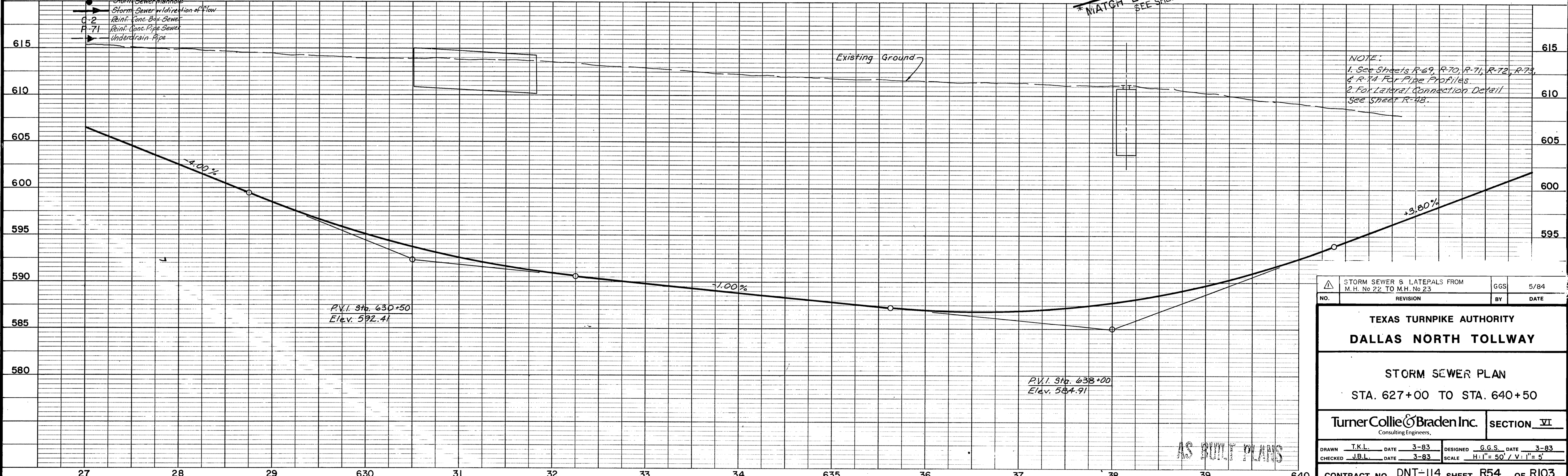
LEGEND	
FIRE HYDRANT	WATER VALVE
MANHOLE	CLEAN OUT
POWER POLE	LIGHT POLE
TELE. VAULT	MANHOLE
TELEPHONE	UGT
GAS	UGT

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
EXISTING UTILITIES STA. 585+00 TO STA. 599+00			
TurnerCollie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN T.C.B.B. DATE 3-83 CHECKED J.B.L. DATE 3-83	DESIGNED G.H. DATE 3-83 SCALE H:1"=50' / V:1"=5'	CONTRACT NO. DNT-114 SHEET R79 OF R103	

AS BUILT PLANS



- LEGEND**
- (R1) Horizontal Curve Number
 - A-71 Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole
 - Storm Sewer direction of flow
 - Reinf. Conc. Box Sewer
 - Reinf. Conc. Pipe Sewer
 - Underdrain Pipe



NOTE:
 1. See Sheets R-69, R-70, R-71, R-72, R-73, & R-74 For Pipe Profiles.
 2. For Lateral Connection Detail See Sheet R-48.

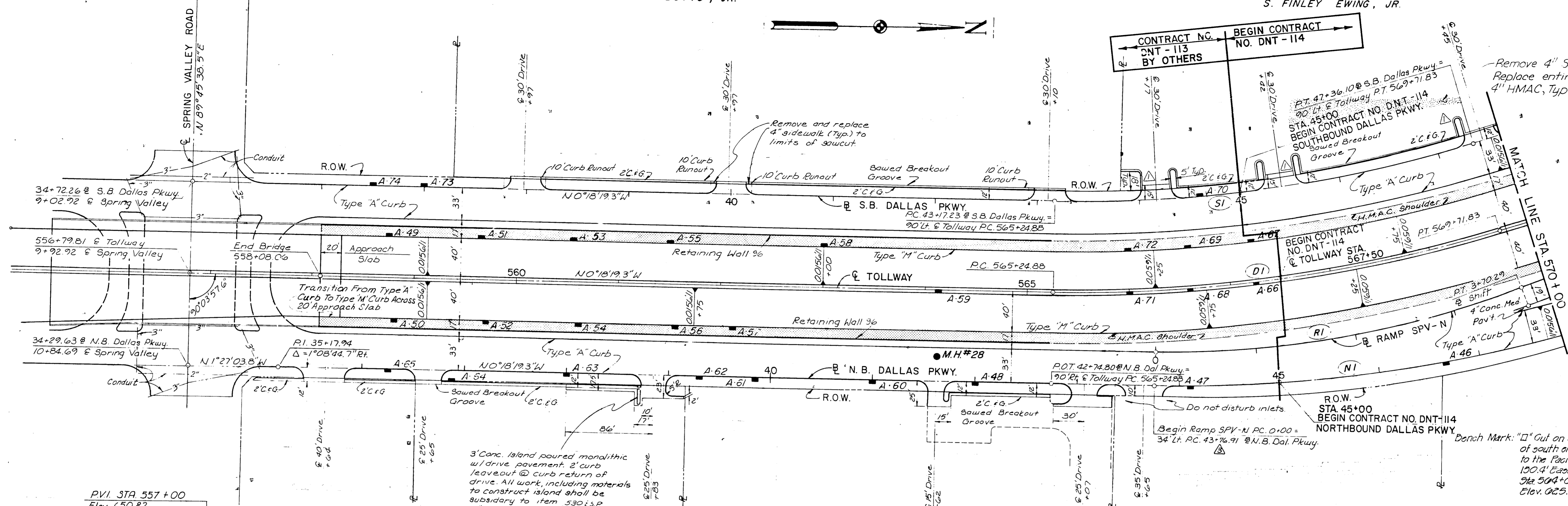
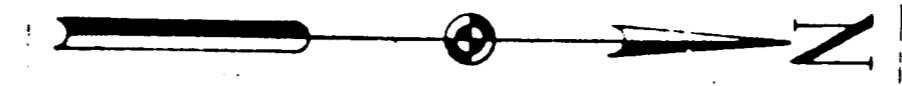
STORM SEWER & LATERALS FROM M.H. No 22 TO M.H. No 23		GGS	5/84
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PLAN STA. 627+00 TO STA. 640+50			
TurnerCollie & Braden Inc. Consulting Engineers.			SECTION VI
DRAWN T.K.L.	DATE 3-83	DESIGNED G.G.S.	DATE 3-83
CHECKED J.B.L.	DATE 3-83	SCALE H:1" = 50' / V:1" = 5'	
CONTRACT NO. DNT-114 SHEET R54 OF R103			

AS BUILT PLANS

PARVAL, INC.

HENRY BUTTS, JR.

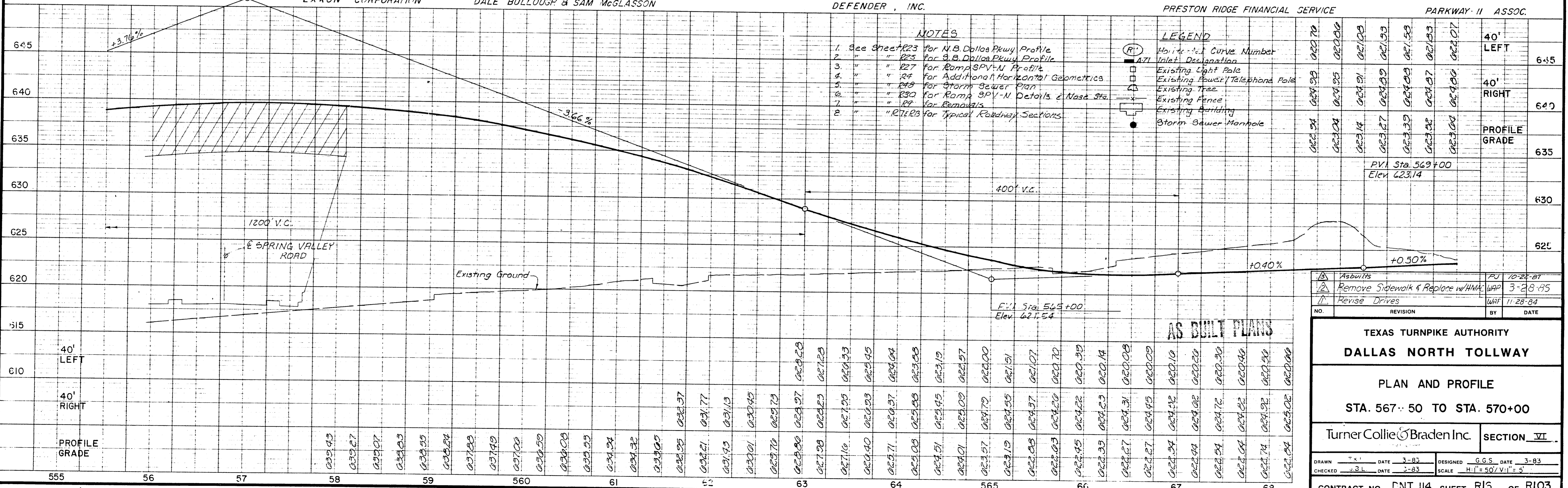
S. FINLEY EWING, JR.



Remove 4" Sidewalk and Replace entire area with 4" HMAAC, Type D. Δ

3' Conc. Island poured monolithic w/ drive pavement. 2' curb leaveout @ curb return of drive. All work, including materials to construct island shall be subsidiary to item 330.1 SP & concrete drive.

Bench Mark: "D" Cut on S.E. corner of south entrance drive to the Pacific Center, 100' East of Sta 504+02.02. Elev. 625.00



- NOTES**
1. See Sheet R23 for N.B. Dallas Pkwy Profile
 2. " " R25 for S.B. Dallas Pkwy Profile
 3. " " R27 for Ramp SPV-N Profile
 4. " " R24 for Additional Horizontal Geometrics
 5. " " R28 for Storm Sewer Plan
 6. " " R30 for Ramp SPV-N Details & Noise Sta.
 7. " " R9 for Removals
 8. " " R7E.B for Typical Roadway Sections

- LEGEND**
- (R) Horizontal Curve Number
 - (A) Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole

EXXON CORPORATION DALE BULLOUGH & SAM McGLASSON DEFENDER, INC. PRESTON RIDGE FINANCIAL SERVICE PARKWAY II ASSOC.

ASB	Asbuilts	FJ	10-28-81
Δ	Remove Sidewalk & Replace w/HMAAC	WAP	3-28-85
△	Revise Drives	WAF	11-28-84
NO.	REVISION	BY	DATE

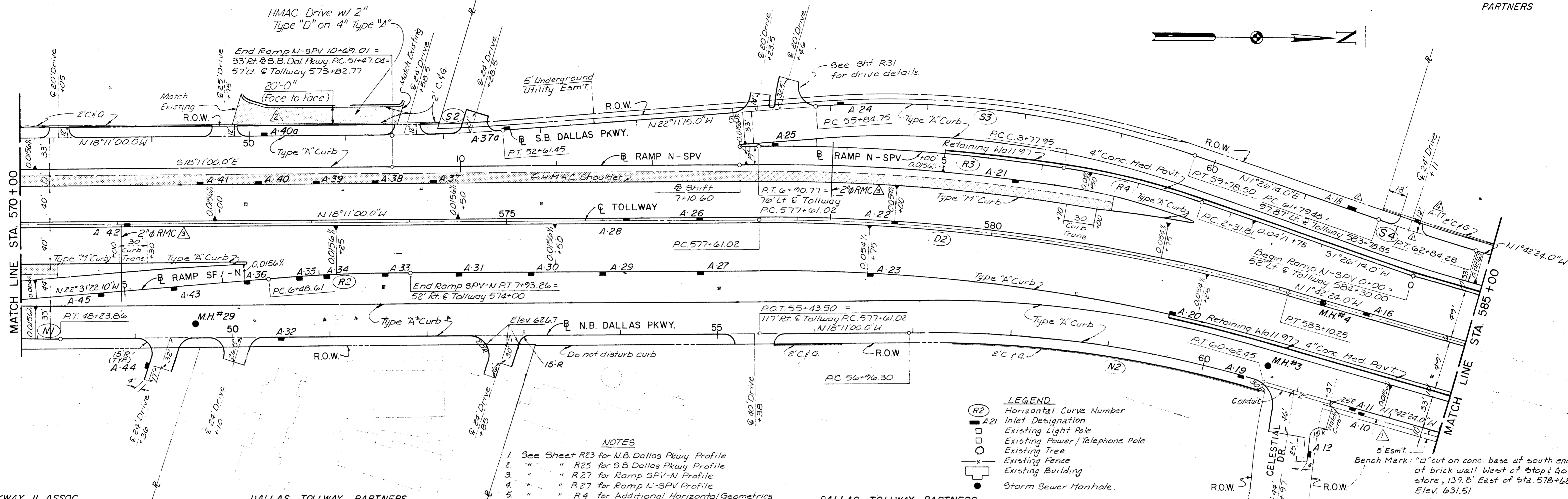
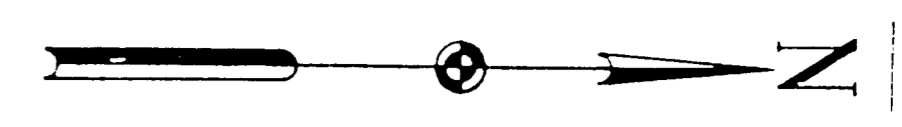
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PLAN AND PROFILE
STA. 567+50 TO STA. 570+00

Turner Collie & Braden Inc. SECTION VI

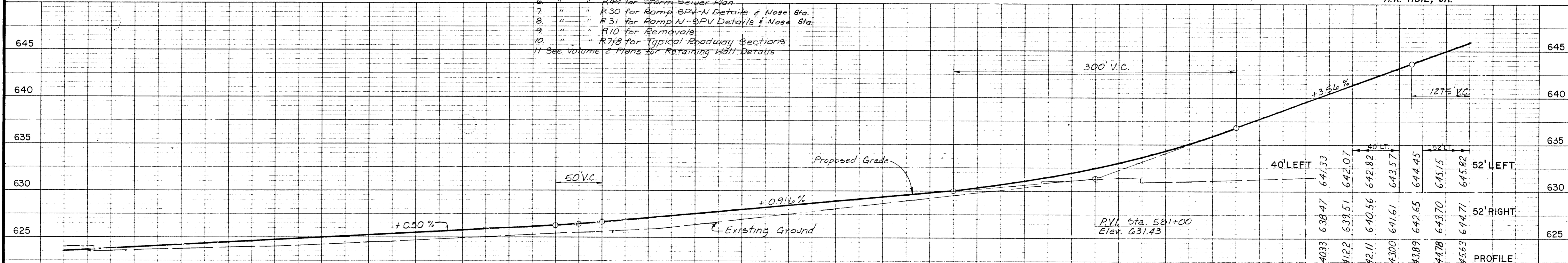
DRAWN	T.K.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.L.	DATE	3-83	SCALE	H'1" = 50' V'1" = 5'		

CONTRACT NO. DNT 114 SHEET R15 OF R103



- LEGEND**
- (R2) Horizontal Curve Number
 - A21 Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole

- NOTES**
1. See Sheet R23 for N.B. Dallas Pkwy Profile
 2. " " R25 for S.B. Dallas Pkwy Profile
 3. " " R27 for Ramp SPV-N Profile
 4. " " R27 for Ramp N-SPV Profile
 5. " " R4 for Additional Horizontal Geometrics
 6. " " R49 for Storm Sewer Plan
 7. " " R30 for Ramp SPV-N Details & Nose Sta.
 8. " " R31 for Ramp N-SPV Details & Nose Sta.
 9. " " R10 for Removals
 10. " " R718 for Typical Roadway Sections
 11. See Volume 2 Plans for Retaining Wall Details



AS BUILT PLANS

Station	40' LEFT	40' RIGHT	52' RIGHT
570	023.04	024.80	023.04
571	023.77	024.84	023.77
572	024.09	024.83	024.09
573	024.02	024.82	024.02
574	024.14	024.80	024.14
575	024.27	024.79	024.27
576	024.59	024.78	024.59
577	024.52	024.78	024.52
578	024.77	024.78	024.77
579	024.77	024.70	024.77
580	024.89	024.66	024.89
581	024.82	024.61	024.82
582	024.84	024.59	024.84
583	024.87	024.60	024.87
584	024.99	024.60	024.99
585	024.92	024.60	024.92
586	025.04	024.59	025.04
587	025.04	024.58	025.04
588	025.07	024.58	025.07
589	025.14	024.58	025.14
590	025.17	024.57	025.17
591	025.00	024.55	025.00
592	025.03	024.54	025.03
593	025.06	024.54	025.06
594	025.00	024.53	025.00
595	025.03	024.53	025.03
596	025.06	024.53	025.06
597	025.09	024.53	025.09
598	025.11	024.53	025.11
599	025.14	024.53	025.14
600	025.17	024.53	025.17
601	025.19	024.53	025.19
602	025.22	024.53	025.22
603	025.25	024.53	025.25
604	025.28	024.53	025.28
605	025.31	024.53	025.31
606	025.34	024.53	025.34
607	025.37	024.53	025.37
608	025.40	024.53	025.40
609	025.43	024.53	025.43
610	025.46	024.53	025.46
611	025.49	024.53	025.49
612	025.52	024.53	025.52
613	025.55	024.53	025.55
614	025.58	024.53	025.58
615	025.61	024.53	025.61
616	025.64	024.53	025.64
617	025.67	024.53	025.67
618	025.70	024.53	025.70
619	025.73	024.53	025.73
620	025.76	024.53	025.76
621	025.79	024.53	025.79
622	025.82	024.53	025.82
623	025.85	024.53	025.85
624	025.88	024.53	025.88
625	025.91	024.53	025.91
626	025.94	024.53	025.94
627	025.97	024.53	025.97
628	026.00	024.53	026.00
629	026.03	024.53	026.03
630	026.06	024.53	026.06
631	026.09	024.53	026.09
632	026.12	024.53	026.12
633	026.15	024.53	026.15
634	026.18	024.53	026.18
635	026.21	024.53	026.21
636	026.24	024.53	026.24
637	026.27	024.53	026.27
638	026.30	024.53	026.30
639	026.33	024.53	026.33
640	026.36	024.53	026.36
641	026.39	024.53	026.39
642	026.42	024.53	026.42
643	026.45	024.53	026.45
644	026.48	024.53	026.48
645	026.51	024.53	026.51

NO.	REVISION	BY	DATE
1	Add Ewing HMC Drive	WAP	9-86
2	Added Conduit	JTK	2-19-86
3	Revise A-17 Location	GMG	10-24-86
4	Revise Driveway Location EA-18	CRS	9-18-84
5	Revised East Curb/Gutter	MLV	4-2-84

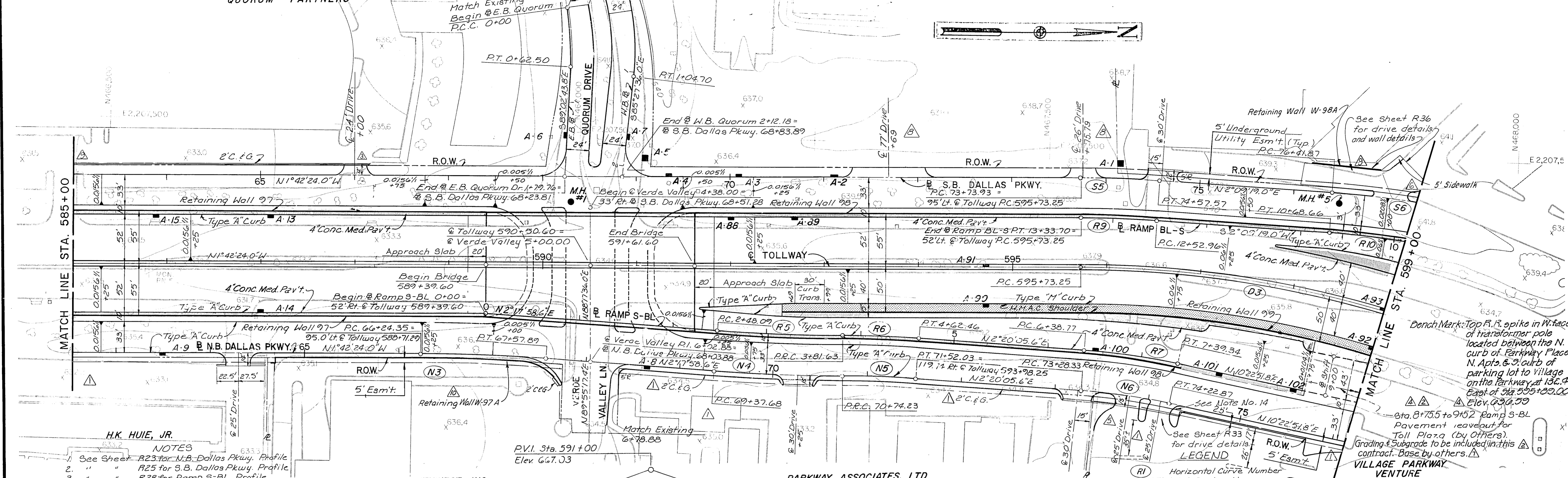
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PLAN AND PROFILE
STA. 570+00 TO STA. 585+00

TurnerCollie & Braden Inc. **SECTION VI**

DRAWN	T.K.L.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1 = 50' / V:1 = 5'		

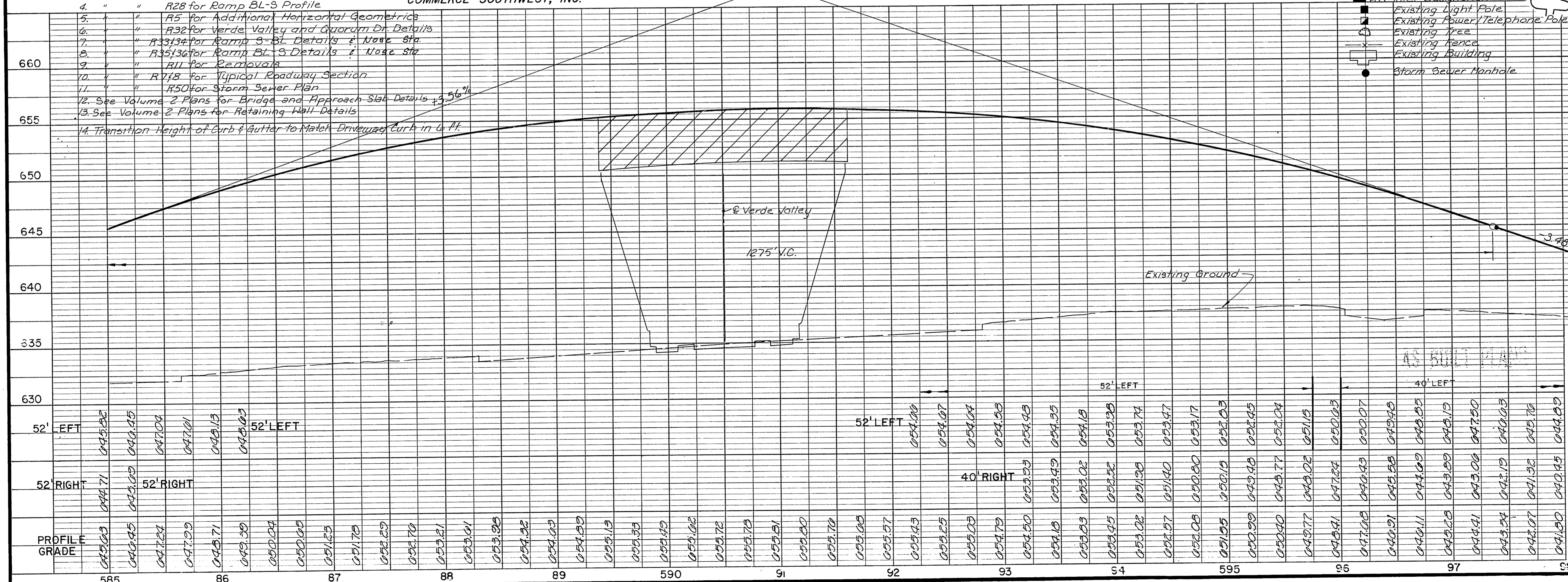
CONTRACT NO. DNT-114 SHEET R17 OF R103



- H.K. HUIE, JR.**
- NOTES**
1. See Sheet R23 for N.B. Dallas Pkwy. Profile
 2. " " R25 for S.B. Dallas Pkwy. Profile
 3. " " R28 for Ramp S-BL Profile
 4. " " R28 for Ramp BL-S Profile
 5. " " R5 for Additional Horizontal Geometrics
 6. " " R32 for Verde Valley and Quorum Dr. Details
 7. " " R3134 for Ramp S-BL Details & Nose Sta.
 8. " " R3136 for Ramp BL-S Details & Nose Sta.
 9. " " R11 for Retaining Walls
 10. " " R118 for Typical Roadway Section
 11. " " R50 for Storm Sewer Plan
 12. See Volume 2 Plans for Bridge and Approach Slab Details
 13. See Volume 2 Plans for Retaining Wall Details
 14. Transition Height of Curb & Gutter to Match Driveway Curb in U.H.

COMMERCE SOUTHWEST, INC.

PARKWAY ASSOCIATES, LTD



- LEGEND**
- Horizontal Curve Number
 - Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole

NO.	REVISION	BY	DATE
1	Add Retaining Wall W-97A	GRB	2-20-86
2	Add Retaining Wall W-98A	GMG	12-19-85
3	Revised Drive Entrance	WAP	7-11-85
4	Revised Sakowitz Village Park Lot	RM	3-15-85
5	Toll Plaza Stations	JPK	1-7-85
6	Revised Driveway Location	C.R.S.	9-18-84
7	Toll Plaza - Begin Station	AMN	5-18-84
8	Revised Eas' Curb & Gutter	KW	4-3-84

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PLAN AND PROFILE
STA. 585+00 TO STA. +599+00

TurnerCollie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	1-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H" = 50' V" = 5'		

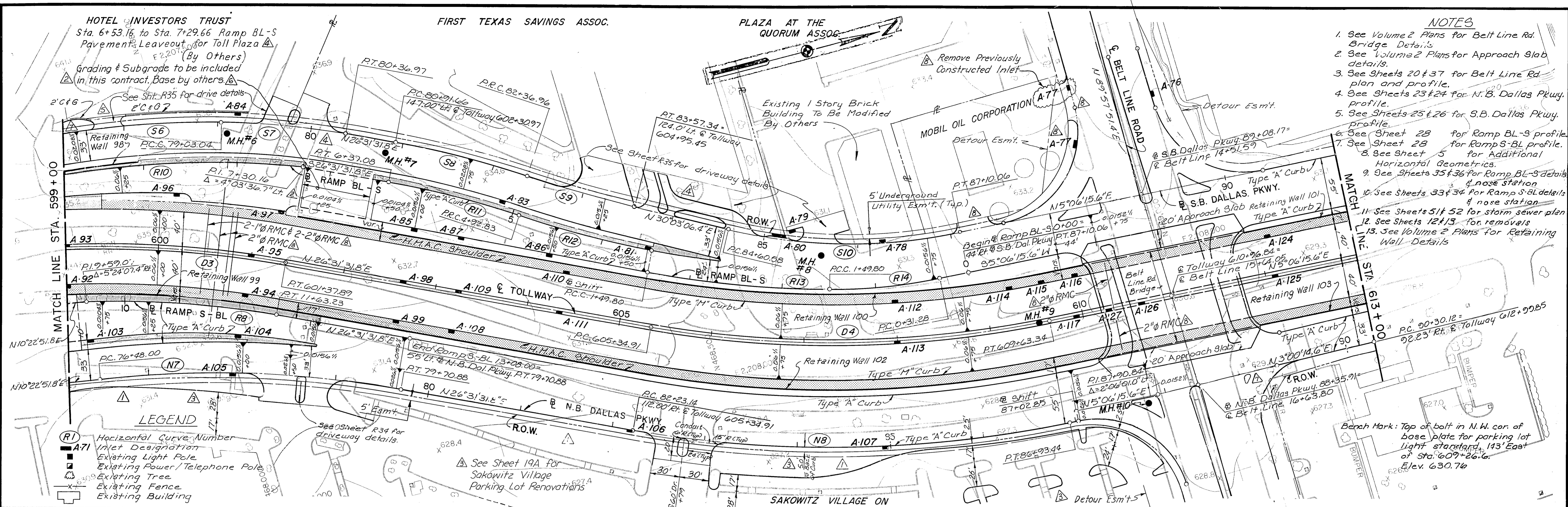
CONTRACT NO. DNT-114 SHEET R18 OF R103

HOTEL INVESTORS TRUST
Sta. 6+53.16 to Sta. 7+29.66 Ramp BL-S
Pavement Leaveout for Toll Plaza
Grading & Subgrade to be included
in this contract. Base by others.

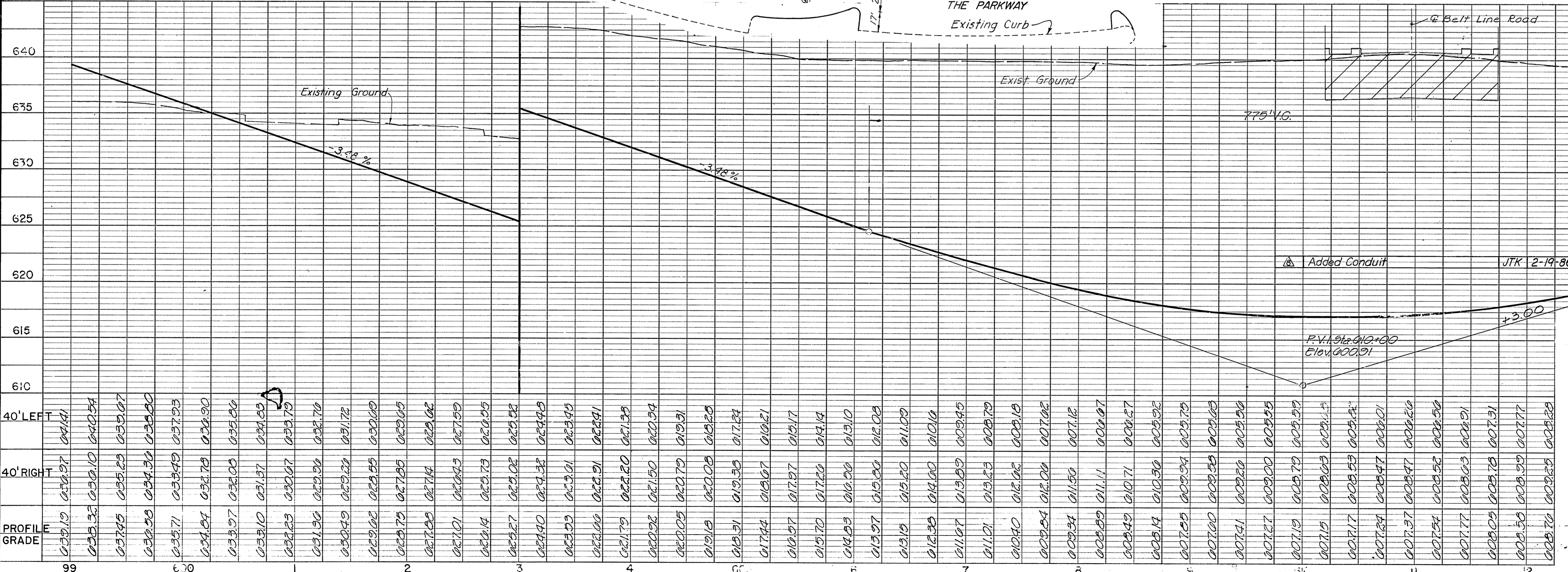
FIRST TEXAS SAVINGS ASSOC.

PLAZA AT THE QUORUM ASSOC.

- NOTES**
1. See Volume 2 Plans for Belt Line Rd. Bridge Details
 2. See Volume 2 Plans for Approach Slab details.
 3. See Sheets 20 & 37 for Belt Line Rd. plan and profile.
 4. See Sheets 23 & 24 for N.B. Dallas Pkwy. profile.
 5. See Sheets 25 & 26 for S.B. Dallas Pkwy. profile.
 6. See Sheet 28 for Ramp BL-S profile.
 7. See Sheet 28 for Ramp S-BL profile.
 8. See Sheet 5 for Additional Horizontal Geometrics.
 9. See Sheets 35 & 36 for Ramp BL-S details & nose station.
 10. See Sheets 33 & 34 for Ramp S-BL details & nose station.
 11. See Sheets 51 & 52 for storm sewer plan.
 12. See Sheets 12 & 13 for removals.
 13. See Volume 2 Plans for Retaining Wall Details.



- LEGEND**
- RI Horizontal Curve Number
 - A71 Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building



NO.	REVISION	BY	DATE
1	Revise Inlet A-77, Add Two Drives	GRB	10-3-86
2	Added Conduit	JTK	2-19-86
3	Revise Median	GMB	11-12-85
4	Base Note	AMN	7-19-85
5	Revise Drive	WMP	7-11-85
6	Revised Driveways & Toll Plazas	RHM	4-18-85
7	Revised Sakowitz Village Park Lot	RHM	3-15-85
8	Toll Plaza End Station	AMN	5-18-84
9	Revise East Curb Gutter	KLU	3-30-84

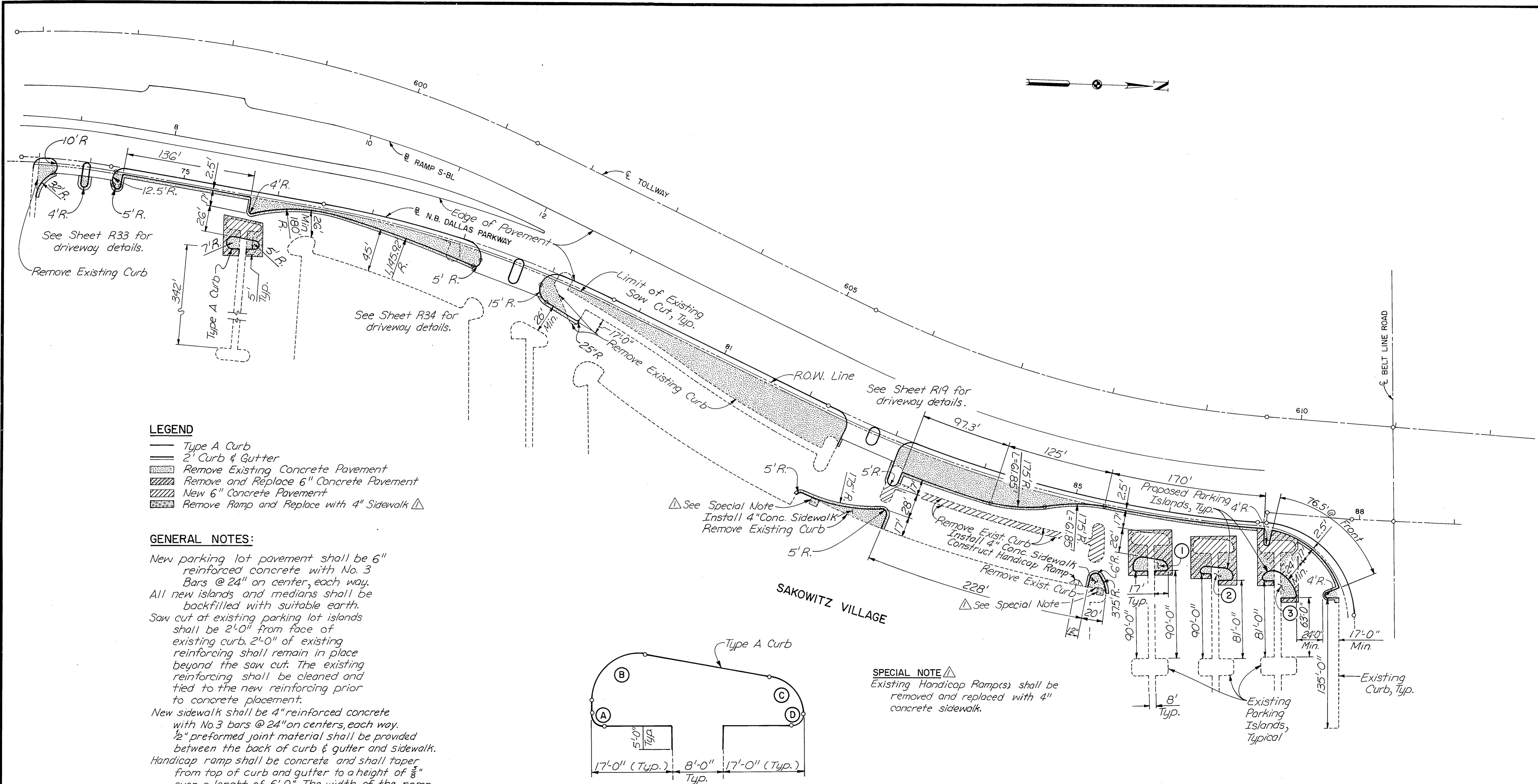
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PLAN AND PROFILE
STA. 599+00 TO STA. 613+00

Turner Collie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1"=25.0' V:1"=5'		

CONTRACT NO. DNT-114 SHEET R19 OF R103

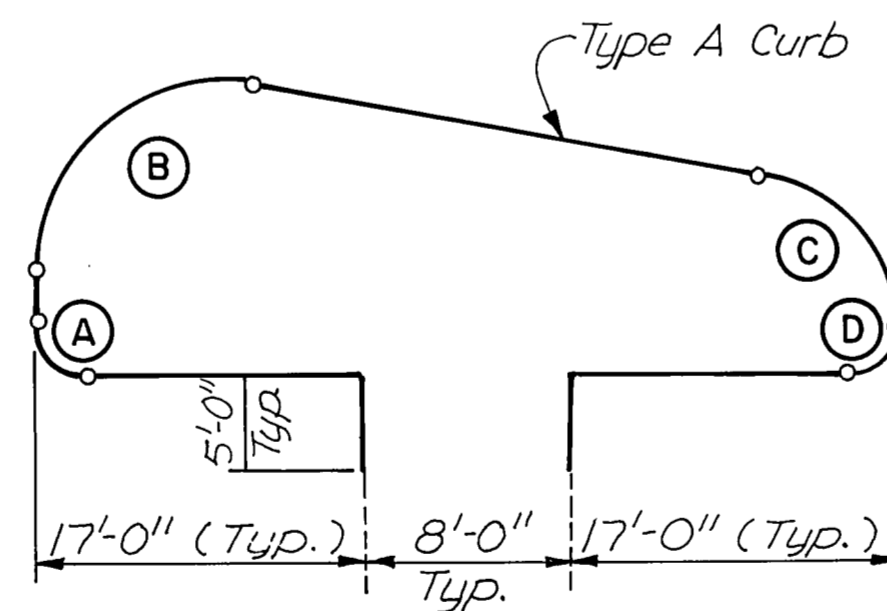


LEGEND

- Type A Curb
- 2' Curb & Gutter
- Remove Existing Concrete Pavement
- Remove and Replace 6" Concrete Pavement
- New 6" Concrete Pavement
- Remove Ramp and Replace with 4" Sidewalk

GENERAL NOTES:

New parking lot pavement shall be 6" reinforced concrete with No. 3 Bars @ 24" on center, each way.
 All new islands and medians shall be backfilled with suitable earth.
 Saw cut at existing parking lot islands shall be 2'-0" from face of existing curb. 2'-0" of existing reinforcing shall remain in place beyond the saw cut. The existing reinforcing shall be cleaned and tied to the new reinforcing prior to concrete placement.
 New sidewalk shall be 4" reinforced concrete with No. 3 bars @ 24" on centers, each way. 1/2" preformed joint material shall be provided between the back of curb & gutter and sidewalk.
 Handicap ramp shall be concrete and shall taper from top of curb and gutter to a height of 3/8" over a length of 6'-0". The width of the ramp shall be 4'-0".



PARKING ISLAND PLAN LAYOUT
Not to Scale

PARKING ISLAND CURVE RADII				
ISLAND NO.	①	②	③	
CURVE LETTER				
(A)	2.5'	2.5'	2.5'	
(B)	10.0'	8.0'	12.5'	
(C)	8.0'	10.0'	37.5'	
(D)	2.5'	2.5'	2.5'	

SPECIAL NOTE Δ
Existing Handicap Ramp(s) shall be removed and replaced with 4" concrete sidewalk.

Δ Add Special Note	WAP G-14-85
NO.	REVISION
BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

SAKOWITZ VILLAGE
 PARKING LOT RENOVATIONS

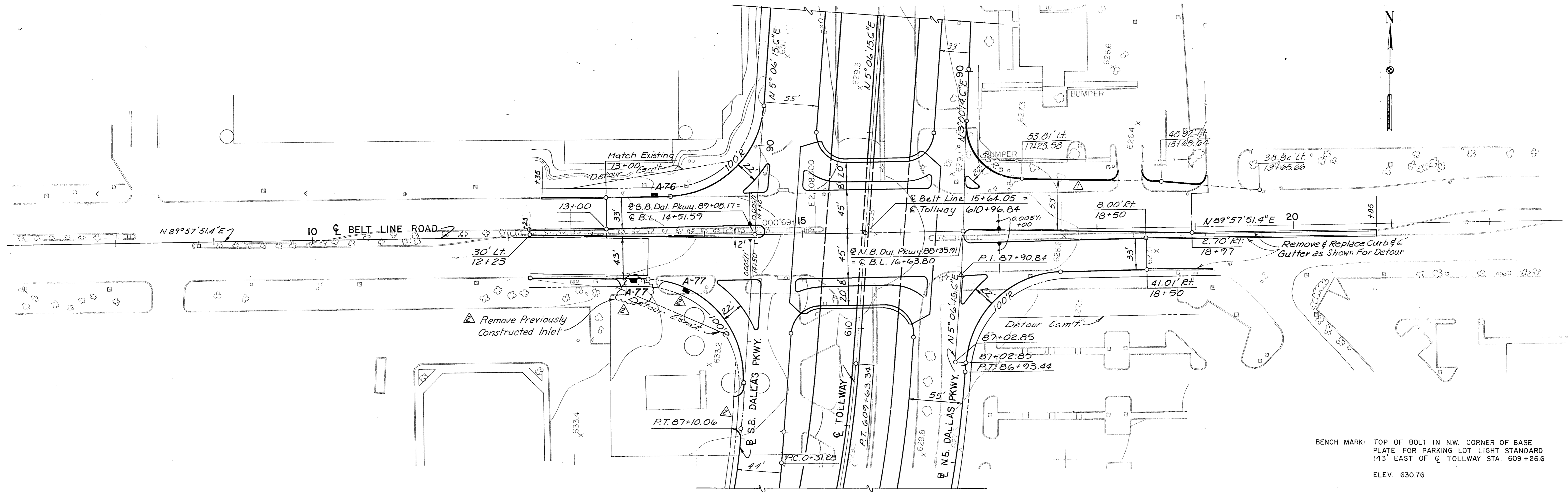
HNTB
HOWARD NEEDLES TAMMEN & BERGENDOFF

SECTION VI

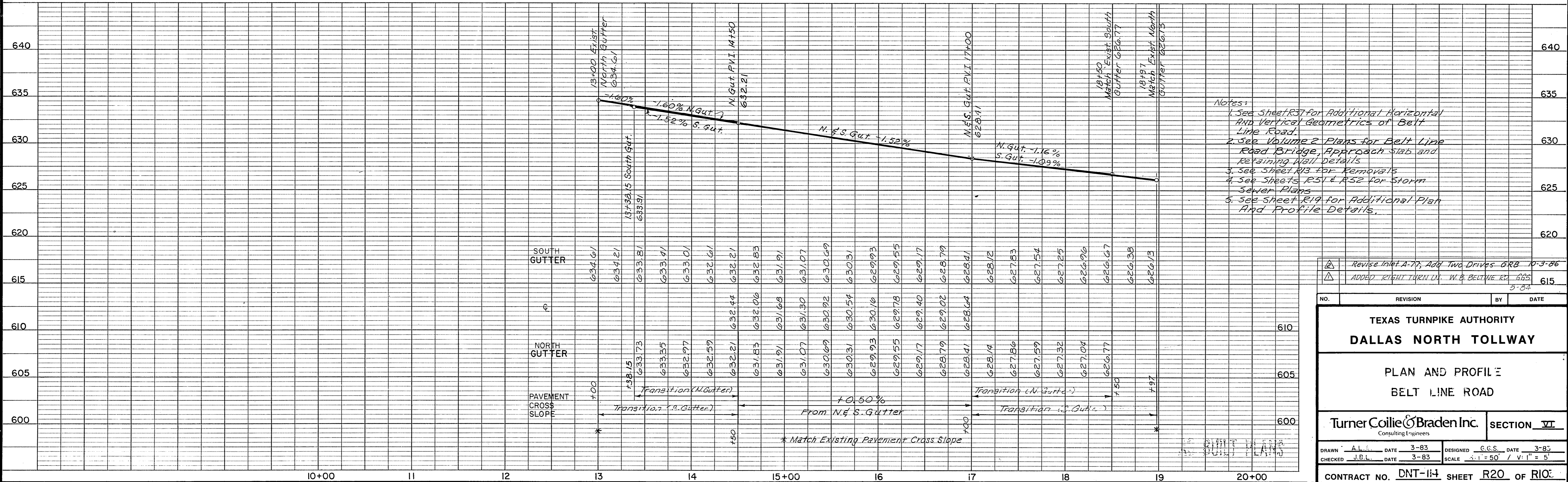
DRAWN <i>W.A.P.</i> DATE 3-27-85	DESIGNED <i>H.K.M.</i> DATE 3-26-85
CHECKED <i>G.A.L.</i> DATE 3-28-85	SCALE 1"=50'

CONTRACT NO. DNT-114 SHEET R19A OF _____

AS BUILT PLANS



BENCH MARK: TOP OF BOLT IN N.W. CORNER OF BASE PLATE FOR PARKING LOT LIGHT STANDARD 143' EAST OF E TOLLWAY STA. 609+26.6
ELEV. 630.76



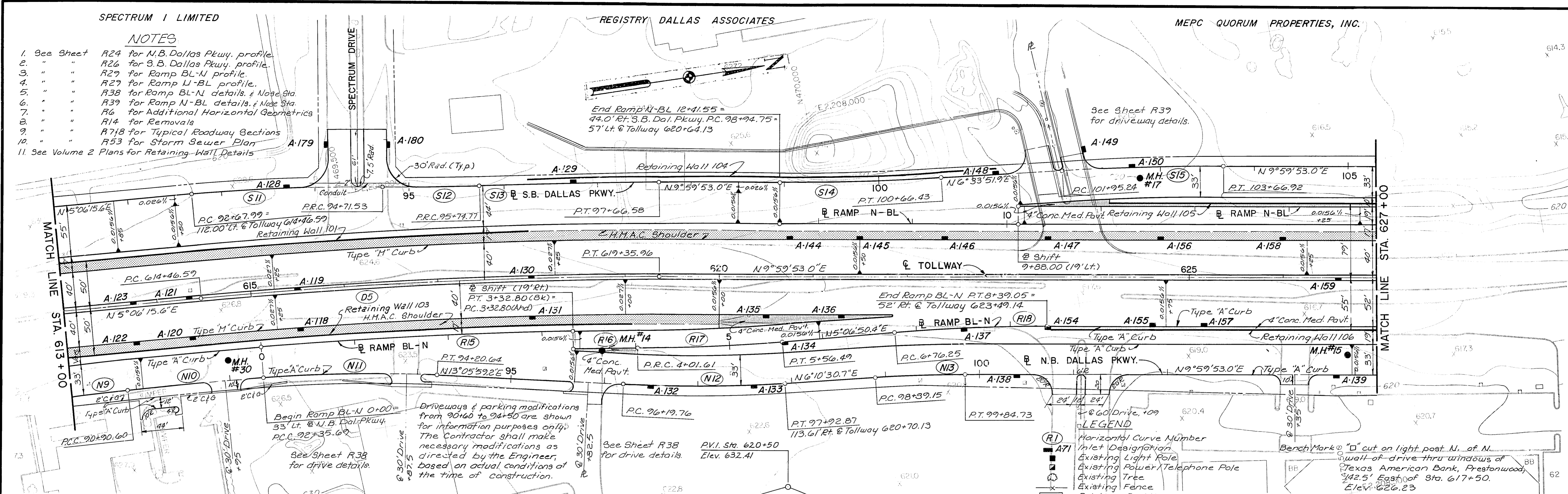
Notes:
 1. See Sheet R37 for Additional Horizontal and Vertical Geometrics of Belt Line Road.
 2. See Volume 2 Plans for Belt Line Road Bridge, Approach Slab and Retaining Wall Details.
 3. See Sheet R13 for Removals.
 4. See Sheets R31 & R32 for Storm Sewer Plans.
 5. See Sheet R19 for Additional Plan and Profile Details.

Revise Inlet A-77, Add Two Drives GRB 10-3-86
 ADDED RIGHT TURN LN. W. B. BELTLINE RD. 665 5-34

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
PLAN AND PROFILE BELT LINE ROAD			
Turner Collier & Braden Inc. Consulting Engineers			SECTION VI
DRAWN: A.L.S. CHECKED: J.B.L.	DATE: 3-83 DATE: 3-83	DESIGNED: G.G.S. SCALE: H:1" = 50' / V:1" = 5'	DATE: 3-85
CONTRACT NO. DNT-114 SHEET R20 OF R102			

NOTES

1. See Sheet R24 for N.B. Dallas Pkwy. profile
2. " " " R26 for S.B. Dallas Pkwy. profile
3. " " " R29 for Ramp BL-N profile
4. " " " R29 for Ramp U-BL profile
5. " " " R38 for Ramp BL-N details, & Nose Sta
6. " " " R39 for Ramp N-BL details, & Nose Sta
7. " " " R6 for Additional Horizontal Geometrics
8. " " " R14 for Removals
9. " " " R718 for Typical Roadway Sections
10. " " " R53 for Storm Sewer Plan
11. See Volume 2 Plans for Retaining Wall Details



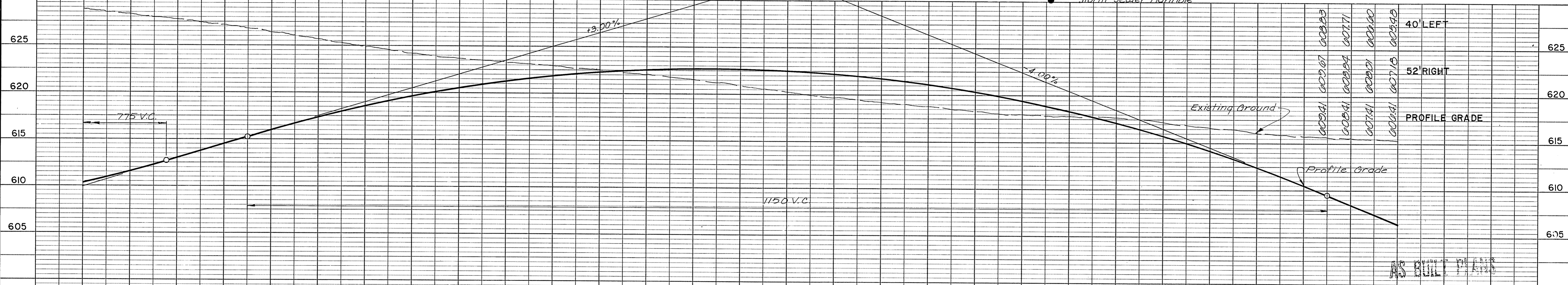
LEGEND

- (R1) Horizontal Curve Number
- (A71) Inlet Designation
- (X) Existing Light Pole
- (P) Existing Power/Telephone Pole
- (T) Existing Tree
- (F) Existing Fence
- (B) Existing Building
- (S) Storm Sewer Manhole

Benchmark "D" cut on light post N. of N. wall-of-drive thru windows of Texas American Bank, Prestonwood, 1/2 S. East of Sta. 617+50. Elev. 622.23

SUMMER-EVANS PRESTONWOOD BANK TOWER PARTNERSHIP

CAROLINE HUNT TRUST ESTATE



STATION	40' LEFT	40' RIGHT	52' RIGHT	PROFILE GRADE
613+00	610.23	610.23		610.23
613+05	610.28	610.28		610.28
613+10	610.33	610.33		610.33
613+15	610.38	610.38		610.38
613+20	610.43	610.43		610.43
613+25	610.48	610.48		610.48
613+30	610.53	610.53		610.53
613+35	610.58	610.58		610.58
613+40	610.63	610.63		610.63
613+45	610.68	610.68		610.68
613+50	610.73	610.73		610.73
613+55	610.78	610.78		610.78
614+00	610.83	610.83		610.83
614+05	610.88	610.88		610.88
614+10	610.93	610.93		610.93
614+15	610.98	610.98		610.98
614+20	611.03	611.03		611.03
614+25	611.08	611.08		611.08
614+30	611.13	611.13		611.13
614+35	611.18	611.18		611.18
614+40	611.23	611.23		611.23
614+45	611.28	611.28		611.28
614+50	611.33	611.33		611.33
614+55	611.38	611.38		611.38
615+00	611.43	611.43		611.43
615+05	611.48	611.48		611.48
615+10	611.53	611.53		611.53
615+15	611.58	611.58		611.58
615+20	611.63	611.63		611.63
615+25	611.68	611.68		611.68
615+30	611.73	611.73		611.73
615+35	611.78	611.78		611.78
615+40	611.83	611.83		611.83
615+45	611.88	611.88		611.88
615+50	611.93	611.93		611.93
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621+10	615.13	615.13		615.13
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621+30	615.33	615.33		615.33
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621+45	615.48	615.48		615.48
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622+10	615.73	615.73		615.73
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623+25	616.48	616.48		616.48
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623+35	616.58	616.58		616.58
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624+10	616.93	616.93		616.93
624+15	616.98	616.98		616.98
624+20	617.03	617.03		617.03
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625+00	617.43	617.43		617.43
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626+00	618.03	618.03		618.03
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626+15	618.18	618.18		618.18
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NO. 27 REVISION BY DATE

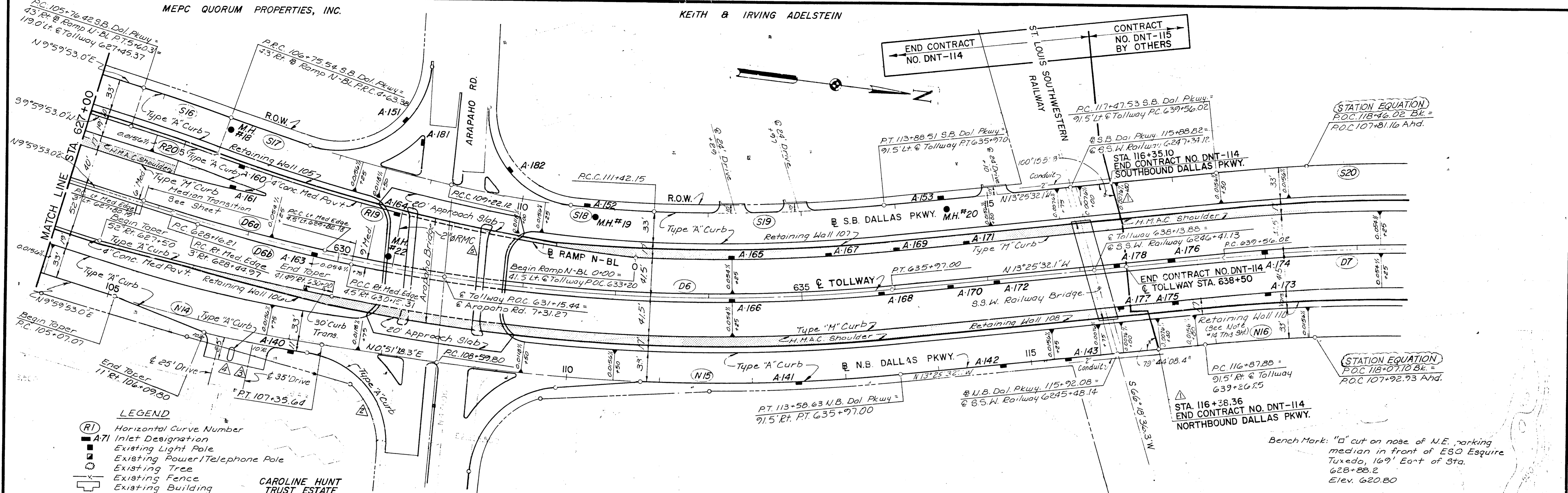
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PLAN AND PROFILE
STA. 613+00 TO STA. 627+00

Turner Collier & Braden Inc. SECTION VII
Consulting Engineers

DRAWN T.K.L. DATE 3-83 DESIGNED G.G.S. DATE 3-83
CHECKED J.B.L. DATE 3-83 SCALE H:V = 50:1

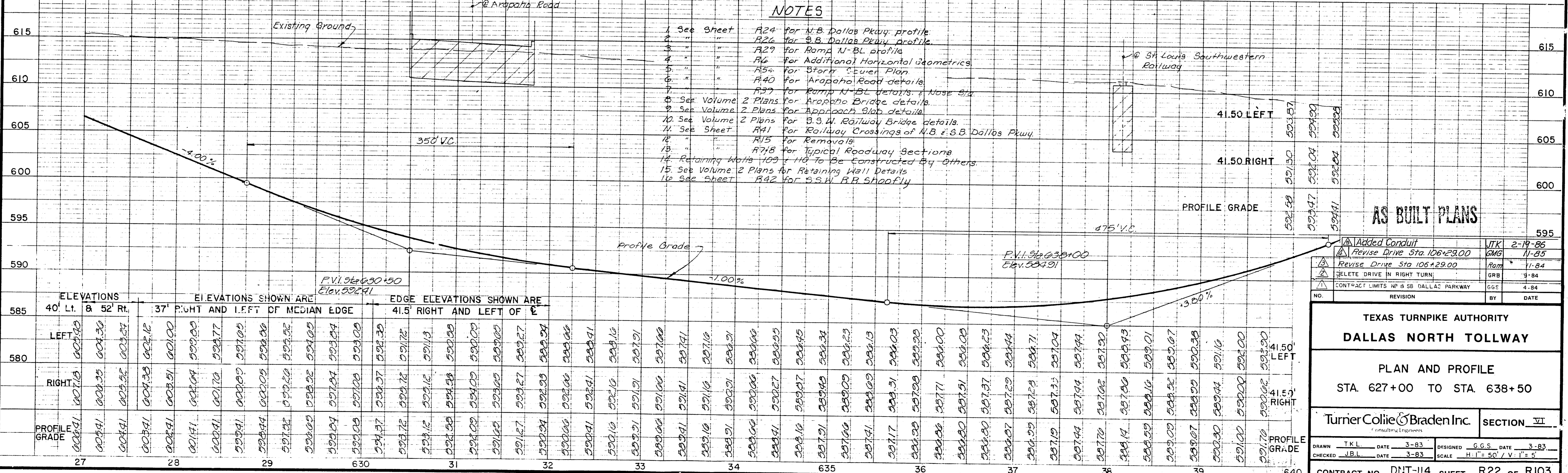
CONTRACT NO. DNT-114 SHEET R21 OF R103



LEGEND

- (RI) Horizontal Curve Number
- (A71) Inlet Designation
- Existing Light Pole
- Existing Power/Telephone Pole
- Existing Tree
- Existing Fence
- Existing Building
- Storm Sewer Manhole

CAROLINE HUNT TRUST ESTATE



NO.	REVISION	BY	DATE
1	Added Conduit	ITK	2-19-86
2	Revise Drive Sta. 106+29.00	GWG	11-85
3	Revise Drive Sta 106+29.00	RAM	11-84
4	DELETE DRIVE IN RIGHT TURN	GRB	9-84
5	CONTRACT LIMITS NB & SB DALLAS PARKWAY	GGG	4-84

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

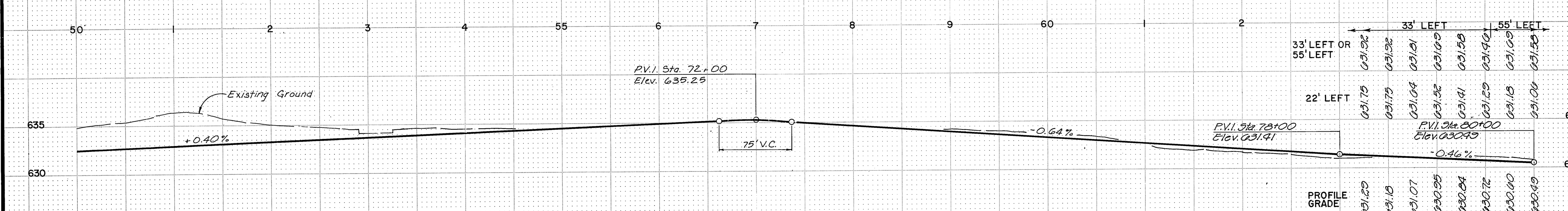
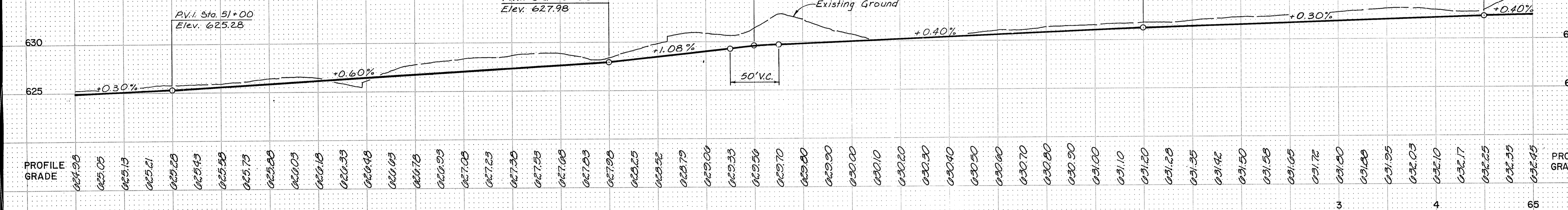
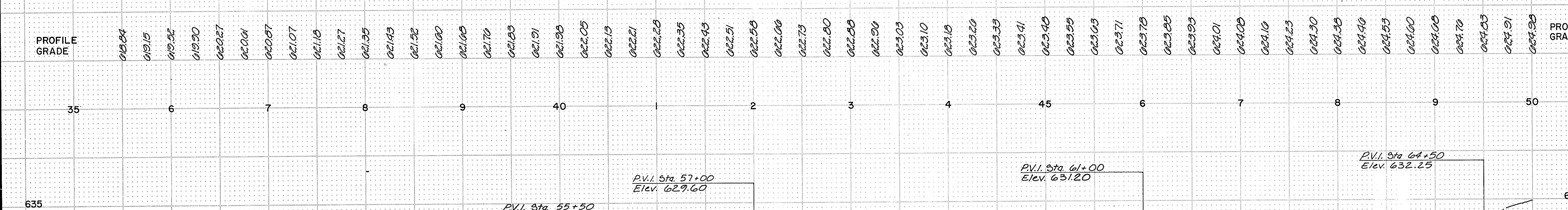
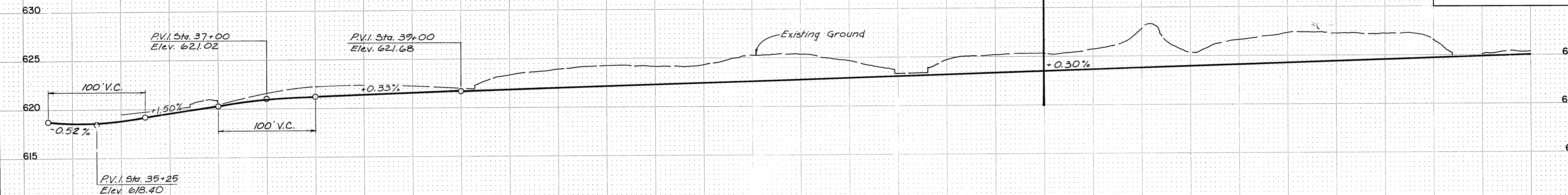
PLAN AND PROFILE
 STA. 627+00 TO STA. 638+50

Turner Collic & Braden Inc. SECTION VI

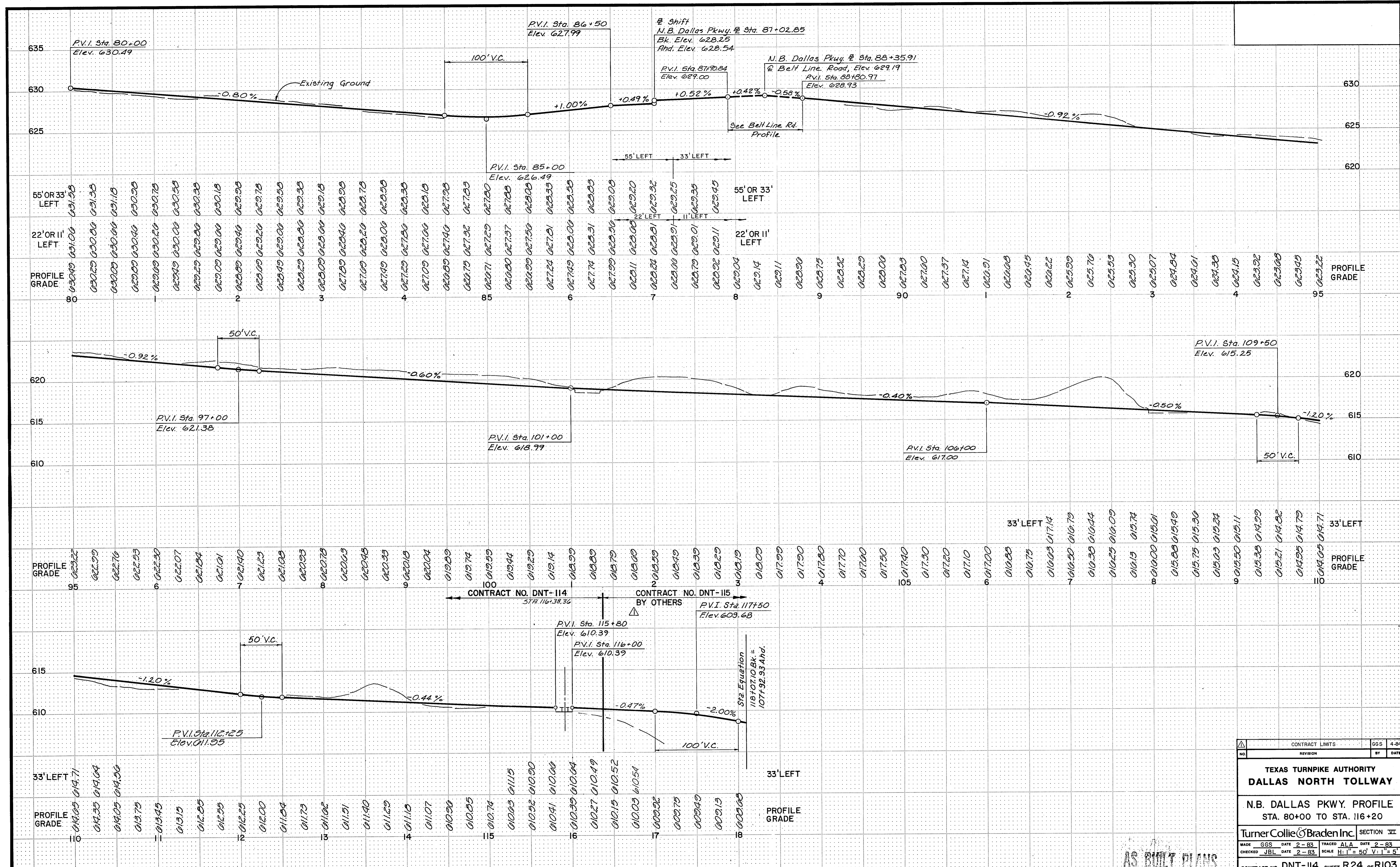
DRAWN T.K.L. DATE 3-83 DESIGNED G.G.S. DATE 3-83
 CHECKED J.B.L. DATE 3-83 SCALE H"=50' / V"=5'

CONTRACT NO. DNT-114 SHEET R22 OF R103

CONTRACT NO. DNT-113 BY OTHERS | CONTRACT NO. DNT-114

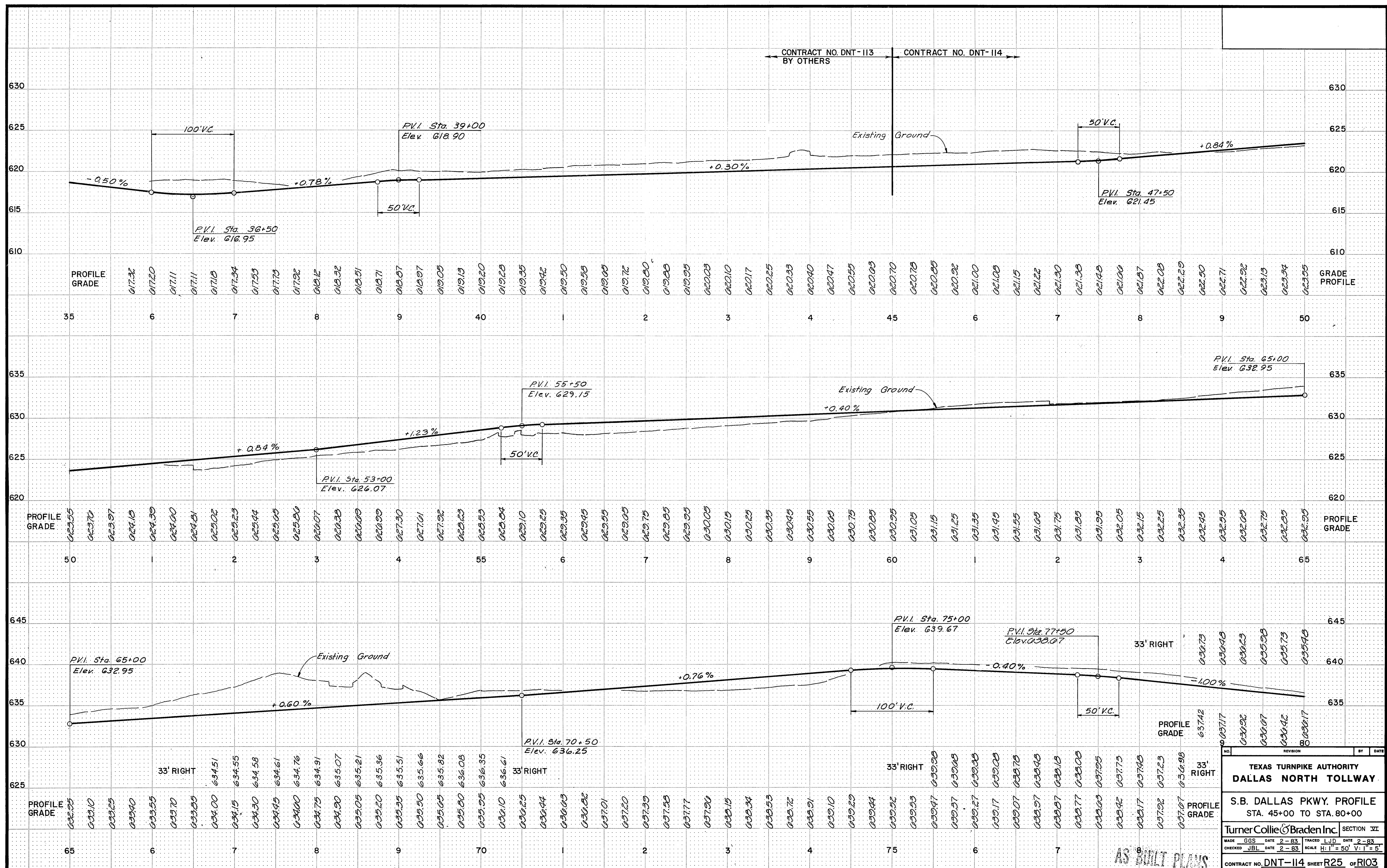


NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
N.B. DALLAS PKWY. PROFILE STA. 45+00 TO STA. 80+00			
Turner Collie & Braden Inc.			SECTION VI
MADE	GGS	DATE	2-83
CHECKED	JBL	DATE	2-83
SCALE		H: 1" = 50' V: 1" = 5'	
CONTRACT NO. DNT-114 SHEET R23 OF R103			



CONTRACT LIMITS		GGS	4-84
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
N.B. DALLAS PKWY. PROFILE STA. 80+00 TO STA. 116+20			
Turner Collier & Braden Inc.		SECTION VI	
MADE	GGS	DATE	2-83
CHECKED	JBL	DATE	2-83
SCALE		H: 1" = 50' V: 1" = 5'	
CONTRACT NO. DNT-114		SHEET R24 OF R103	

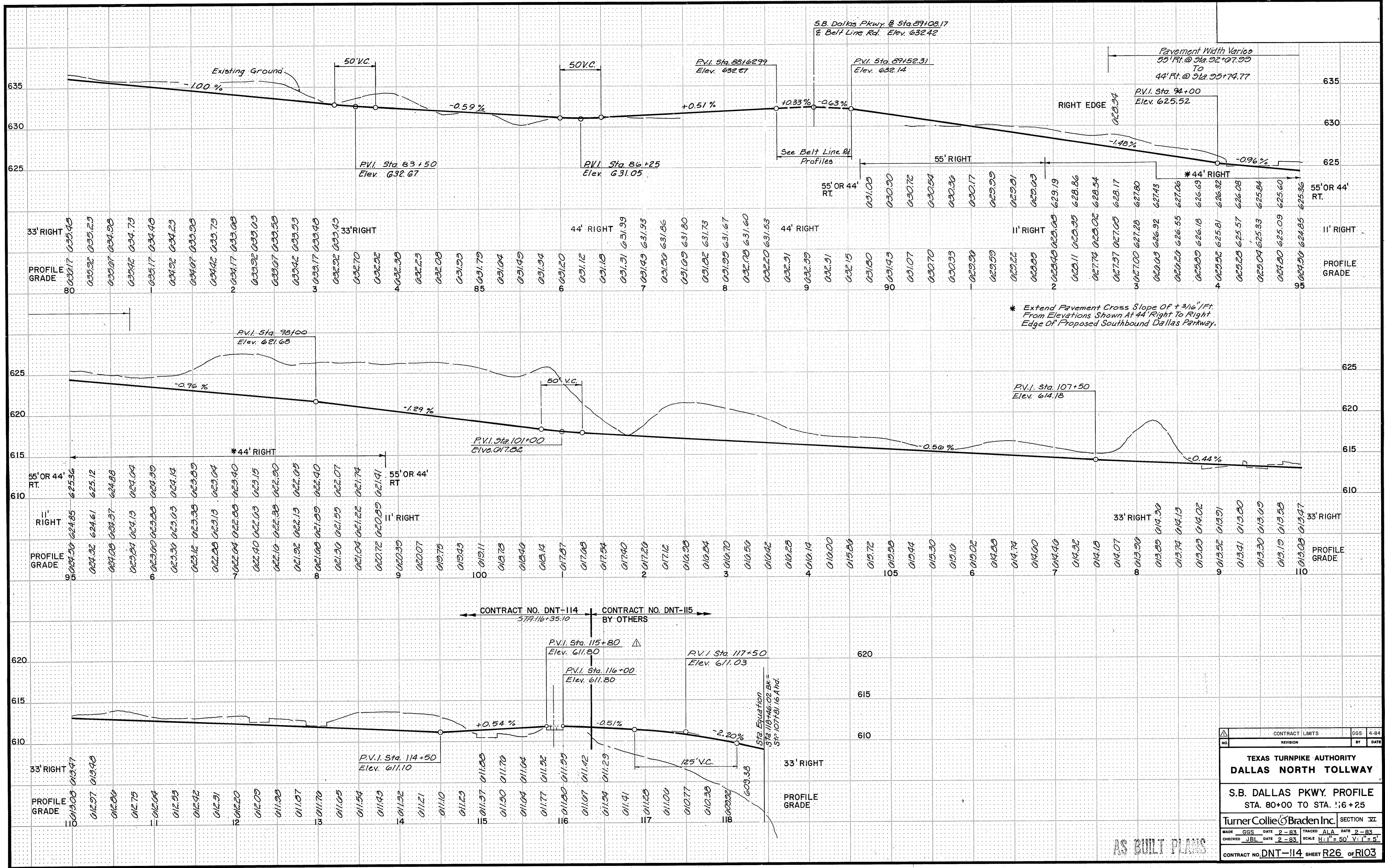
AS BUILT PLANS



NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY
 S.B. DALLAS PKWY. PROFILE
 STA. 45+00 TO STA. 80+00
 TurnerCollieBraden Inc. SECTION 11
 MADE GGS DATE 2-83 TRACED LJD DATE 2-83
 CHECKED JBL DATE 2-83 SCALE H: 1" = 50' V: 1" = 5'
 CONTRACT NO. DNT-114 SHEET R25 OF 103

AS BUILT PLANS



* Extend Pavement Cross Slope OF +3/16"/FT. From Elevations Shown At 44' Right To Right Edge Of Proposed Southbound Dallas Parkway.

CONTRACT NO. DNT-114 BY OTHERS
 CONTRACT NO. DNT-115

CONTRACT LIMITS		GGS 4-84	
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
S.B. DALLAS PKWY. PROFILE STA. 80+00 TO STA. 116+25			
Turner Collier & Braden Inc.			SECTION VI
MADE	GGS	DATE 2-83	TRACED A.L.A. DATE 2-83
CHECKED	J.B.L.	DATE 2-83	SCALE H:1"=50' V:1"=5'
CONTRACT NO. DNT-114 SHEET R26 OF R103			

AS BUILT PLANS

Sta. 13+33.70
Elev. 651.63

Sta. 11+24.24
Elev. 646.90

P.V.I. Sta. 10+50
Elev. 644.38

Plaza
Sta. 6+81.91

Sta. 2+69.25
Elev. 632.95

Shift
Sta. 3+45.49
Bk. 633.41
Hnd. 633.04

P.V.I. Sta. 8+25
Elev. 635.92

PROFILE GRADE

14

051.49 051.02 050.52 050.02 049.50 049.04 048.35 047.70 046.99 046.08 045.23 044.30 043.45 042.90 041.50 040.02 039.00 038.75 037.99 037.21 036.01 035.12 034.75 034.40 034.12 033.97 033.02 033.07 033.07 033.22 033.07 033.29 033.14 032.99 032.81 032.03 031.40 031.30 031.10 032.07 032.00 031.90 031.93 031.92 031.89

PROFILE GRADE

0

RAMP BL-S

P.V.I. Sta. 3+75
Elev. 653.01

Shift
Sta. 9+00.00
Bk. Elev. 633.76
Hnd. Elev. 634.21

Plaza
Sta. 9+04.25

P.V.I. Sta. 12+10.92
Elev. 632.21

Sta. 13+08.00
Elev. 631.71

P.V.I. Sta. 7+25
Elev. 635.51

P.V.I. Sta. 10+00
Elev. 633.21

PROFILE GRADE

0

034.27 034.44 034.01 034.75 034.02 034.07 034.96 034.81 034.67 034.59 034.40 034.03 033.57 033.03 032.40 031.05 030.87 049.97 048.99 047.91 046.75 045.51 044.26 043.01 041.76 040.51 039.26 038.17 037.21 036.99 035.71 035.17 034.76 034.51 034.26 034.01 033.76 033.90 033.71 033.40 033.21 033.09 032.97 032.84 032.72 032.62 032.51 032.39 032.27 032.14 032.01 031.86 031.75

PROFILE GRADE

13

RAMP S-BL

RAMP BL-S
RAMP S-BL

Note:
See Paving Plan Sheets R33 - R36
for Additional Elevations.

AMM 5/18/84

NO.	REVISION	BY	DATE

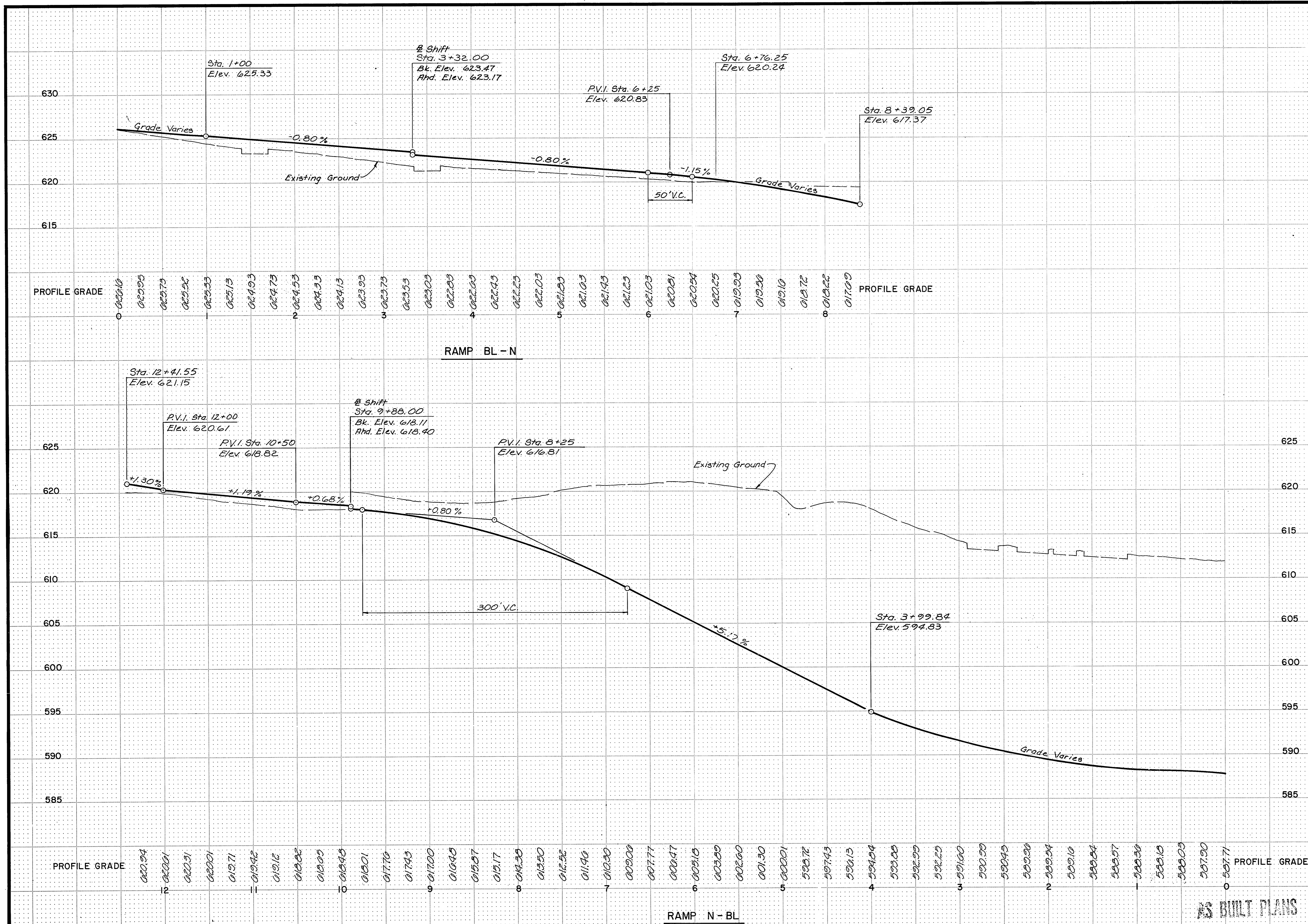
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY.

RAMP PROFILES

Turner Collier & Braden Inc. SECTION VI

MADE GGS	DATE 3-83	TRACED ALA	DATE 3-83
CHECKED JBL	DATE 3-83	SCALE H: 1" = 50' V: 1" = 5'	

CONTRACT NO. DNT-114 SHEET R28 OF R103

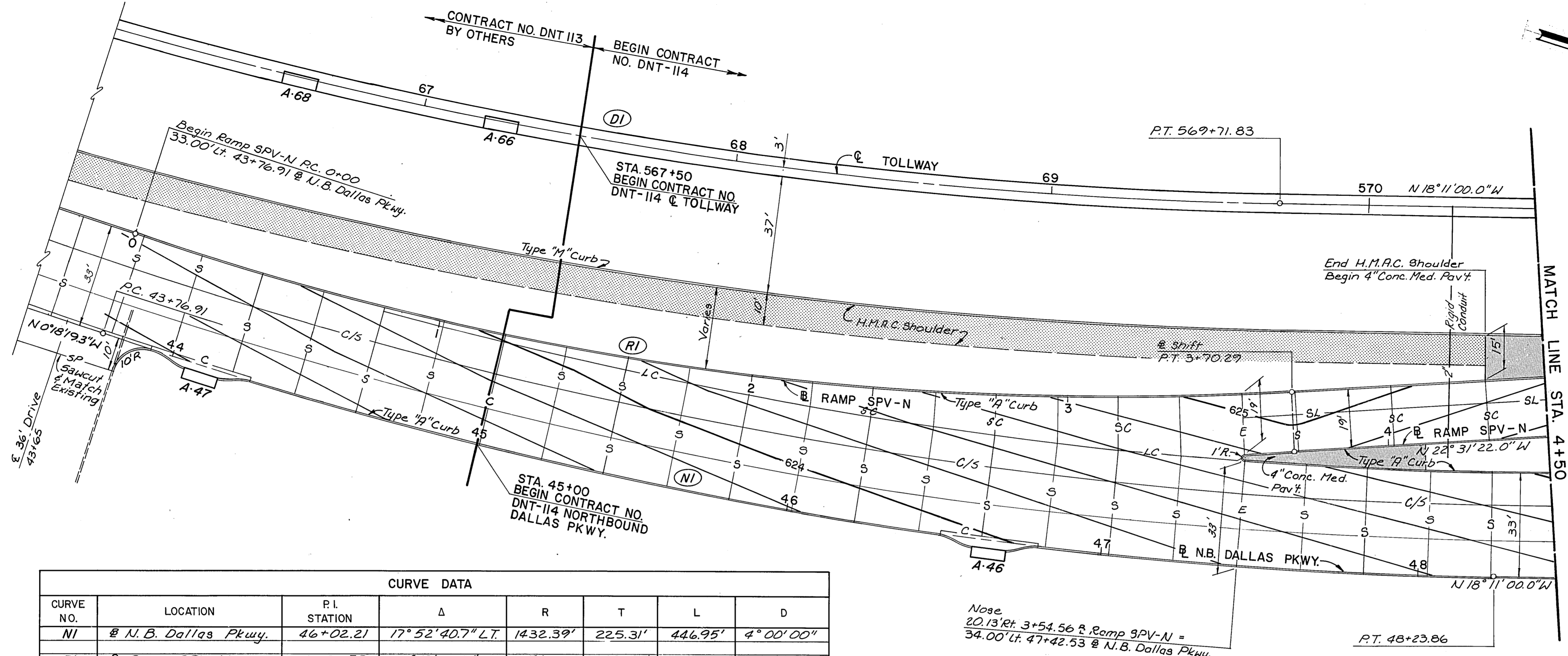


Note
See sheets R38 and R39 for
additional elevation.

RAMP BL-N
RAMP N-BL

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
RAMP PROFILES			
TurnerCollieBraden Inc.			SECTION VII
MADE	GGS	DATE 3-83	TRACED ALA
CHECKED	JBL	DATE 3-83	SCALE H: 1" = 50' V: 1" = 5'
CONTRACT NO. DNT-114 SHEET R29 OF R103			

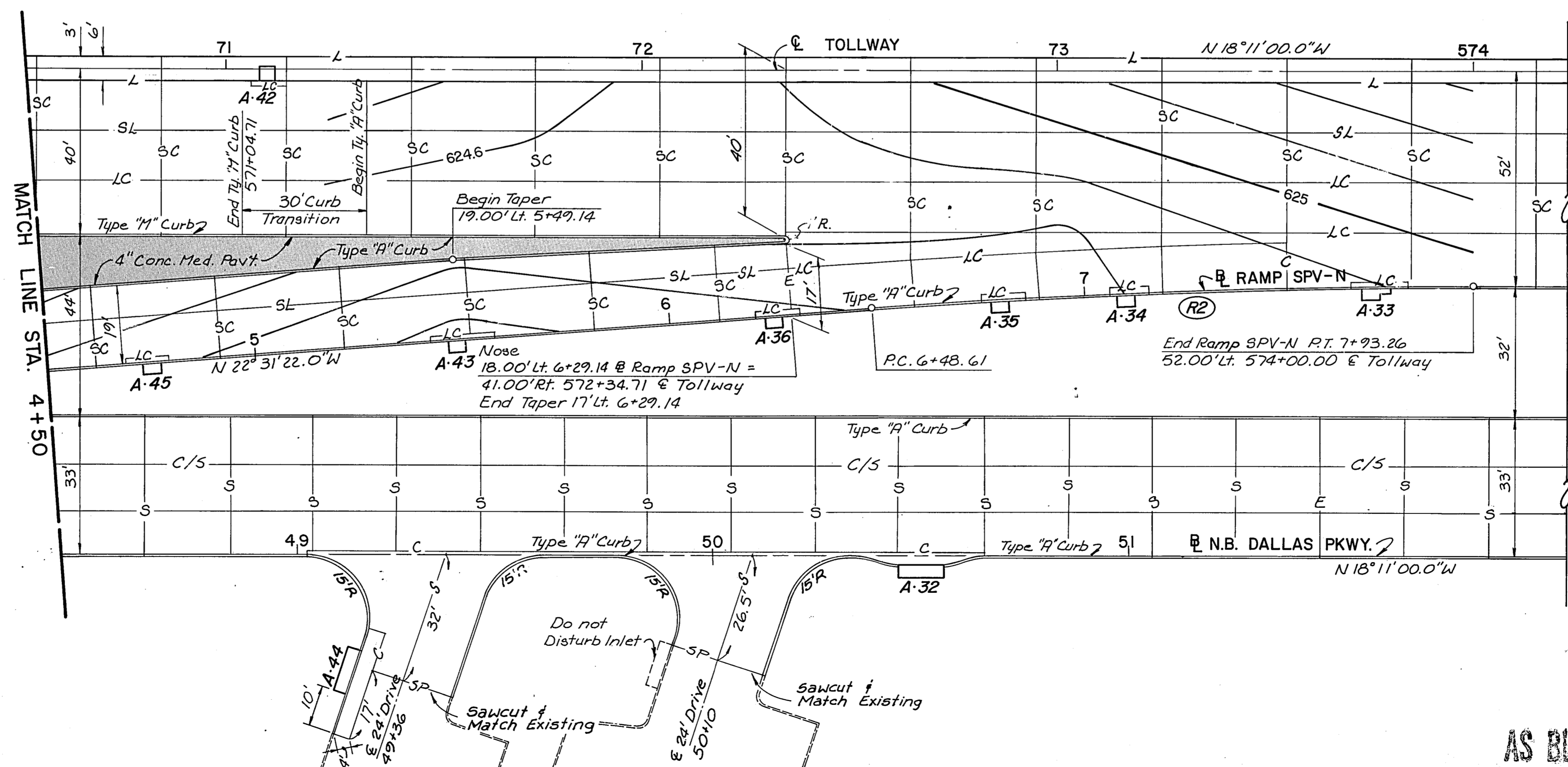
AS BUILT PLANS



- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Construction w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Construction
 - E - Transverse Expansion
 - (D-I) - Horizontal Curve Number
 - A-I0 - Inlet Number

NOTES:
Contours shown are supplementary to profile sheets and are finished top of pavement elevations.

CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
NI	@ N. B. Dallas Pkwy.	46+02.21	17° 52' 40.7" LT.	1432.39'	225.31'	446.95'	4° 00' 00"
RI	@ Ramp SPV-N	1+87.50	22° 13' 02.7" LT.	954.93'	187.50'	370.29'	6° 00' 00"
R2	"	7+20.97	4° 20' 22.0" RT.	1909.86'	72.36'	144.65'	3° 00' 00"
DI	@ Tollway	567+50.18	17° 52' 40.7" LT.	1432.39'	225.31'	446.95'	4° 00' 00"



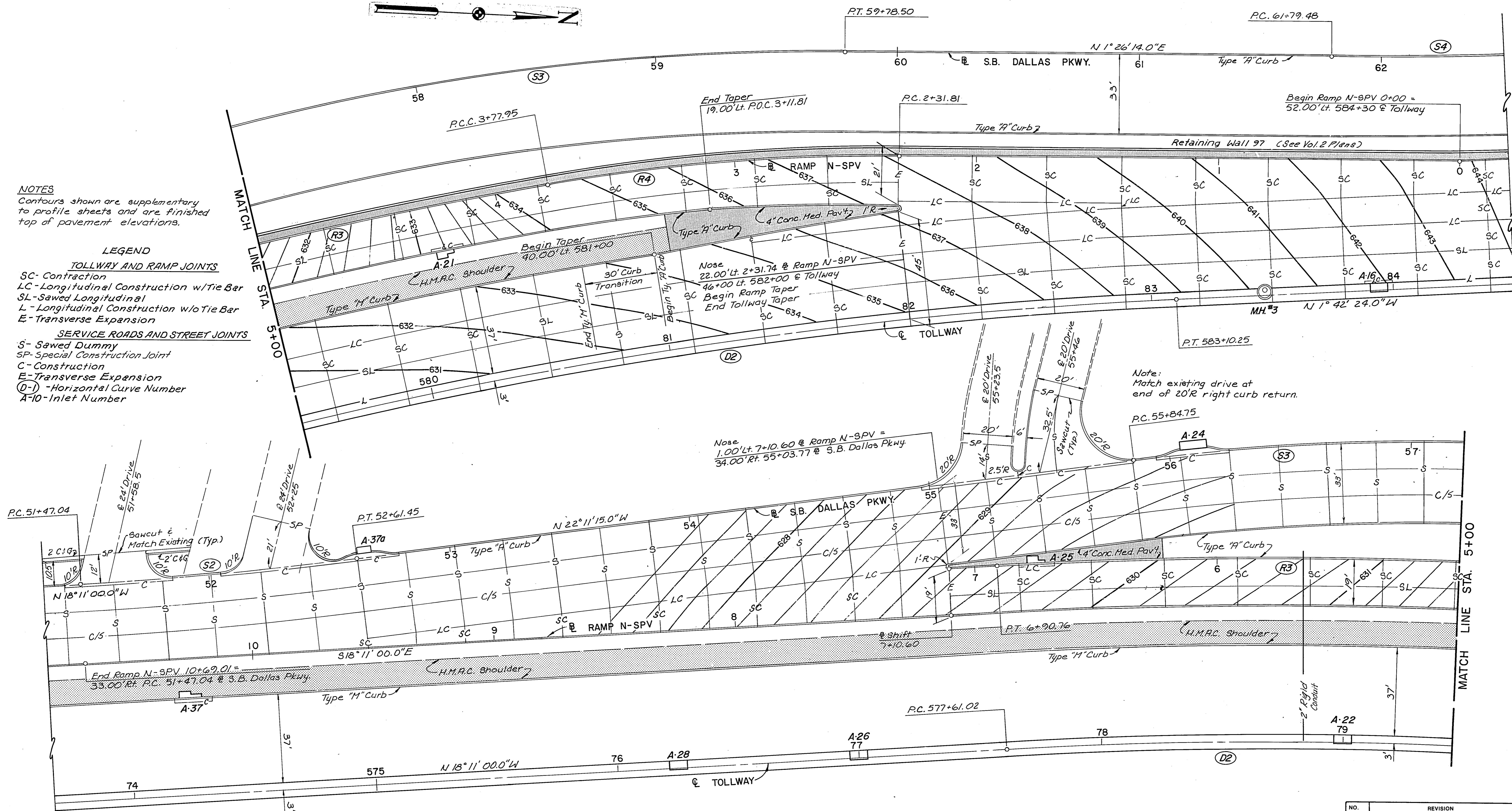
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
PAVING PLAN			
RAMP SPV-N			
TurnerCollie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN	L.J.D.	DATE	3-83
DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83
SCALE	1" = 20'		
CONTRACT NO. DNT-114 SHEET R30 OF R103			

AS BUILT PLANS

NOTES
Contours shown are supplementary to profile sheets and are finished top of pavement elevations.

LEGEND

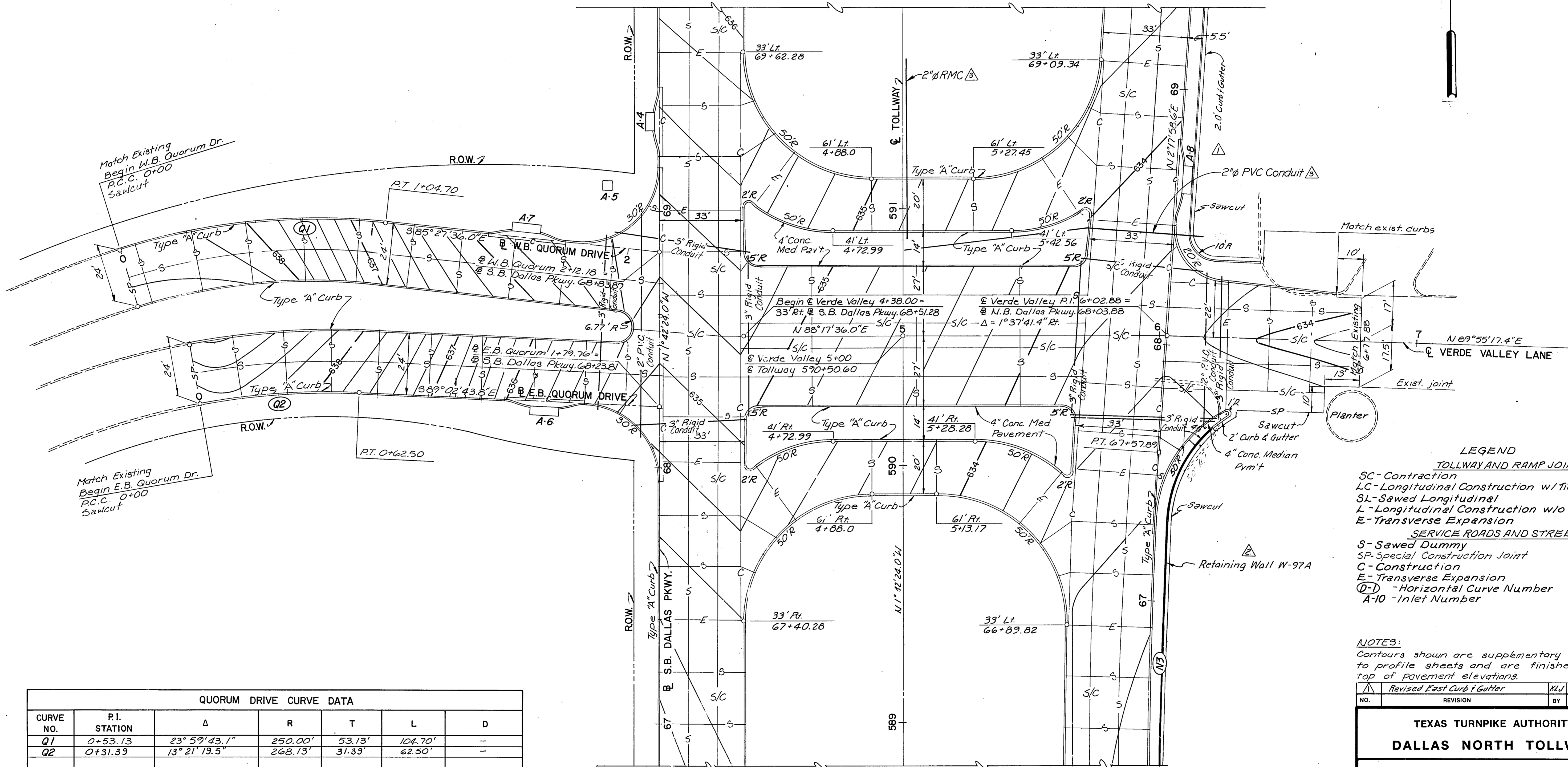
- TOLLWAY AND RAMP JOINTS**
 SC - Contraction
 LC - Longitudinal Construction w/Tie Bar
 SL - Sawed Longitudinal
 L - Longitudinal Construction w/o Tie Bar
 E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
 S - Sawed Dummy
 SP - Special Construction Joint
 C - Construction
 E - Transverse Expansion
 (D-1) - Horizontal Curve Number
 A-10 - Inlet Number



CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
R3	@ Ramp N-SPV	5+34.69	0° 01' 30.4" LT	1985.86'	156.73'	312.81'	2° 53' 07"
R4	" "	3+05.09	10° 35' 43.5" LT	790.29'	73.28'	146.14'	7° 15' 00"
S2	@ S.B. Dallas Pkwy.	52+04.27	4° 00' 15.0" LT	1637.02'	57.23'	114.40'	3° 30' 00"
S3	" "	57+84.46	23° 37' 29.0" RT	954.93'	199.71'	393.75'	6° 00' 00"
S4	" "	62+31.89	3° 08' 38.0" LT	1909.86'	52.41'	104.80'	3° 00' 00"
D2	@ Tollway	580+37.54	16° 28' 36.0" RT	1909.86'	276.52'	549.22'	3° 00' 00"

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
PAVING PLAN			
RAMP N-SPV			
TurnerCollie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN	L.J.D.	DATE	3-83
DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83
SCALE	1" = 20'		
CONTRACT NO. DNT-114 SHEET R31 OF R103			

AS BUILT PLANS



QUORUM DRIVE CURVE DATA						
CURVE NO.	P.I. STATION	Δ	R	T	L	D
Q1	0+53.13	23° 59' 43.1"	250.00'	53.13'	104.70'	-
Q2	0+31.39	13° 21' 13.5"	268.13'	31.39'	62.50'	-
N3	66+91.15	4° 00' 22.6" Rt.	1909.86'	66.80'	133.54'	3° 00' 00"

- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/ Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Construction w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Construction
 - E - Transverse Expansion
 - (D-1) - Horizontal Curve Number
 - A-10 - Inlet Number

NOTES:
Contours shown are supplementary to profile sheets and are finished top of pavement elevations.

NO.	REVISION	BY	DATE
1	Revised East Curb & Gutter	KLU	4-2-84

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PAVING PLAN
VERDE VALLEY LANE & QUORUM DRIVE

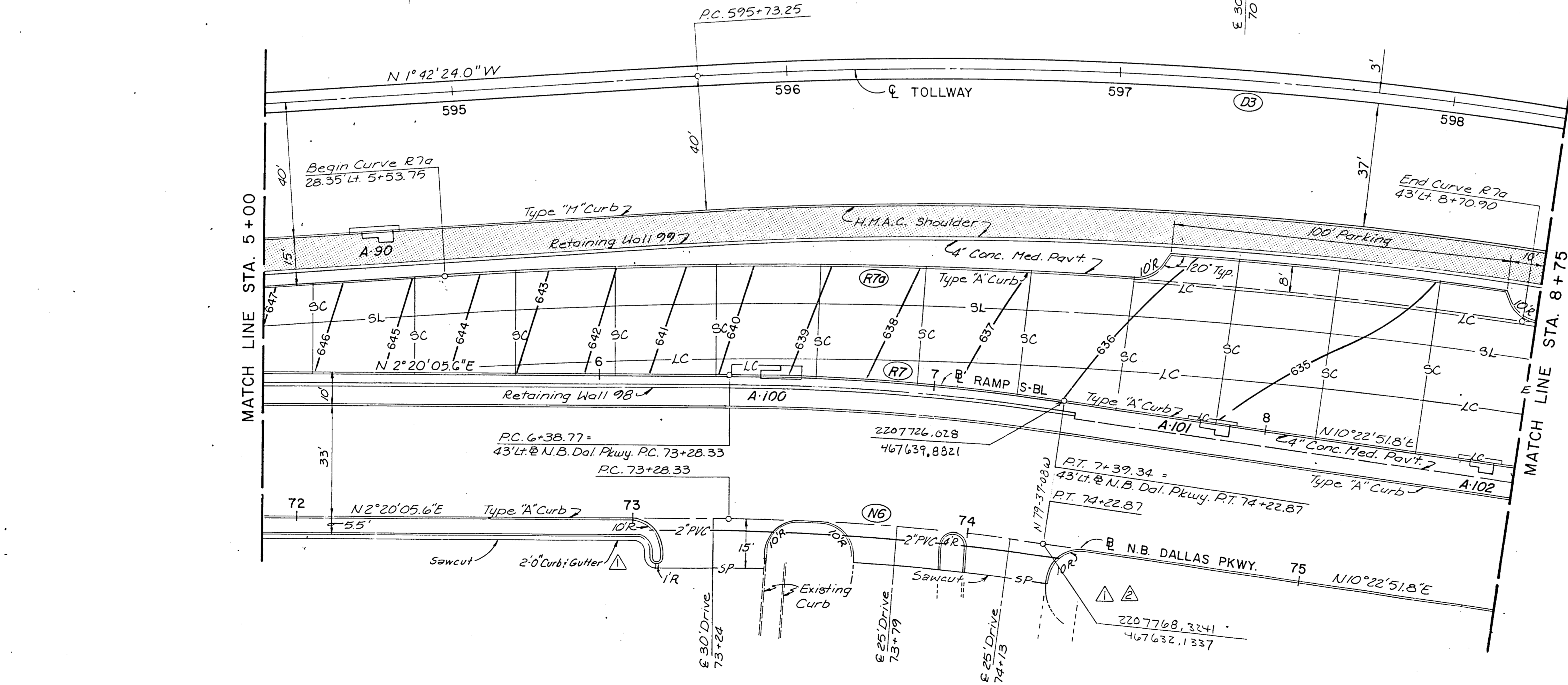
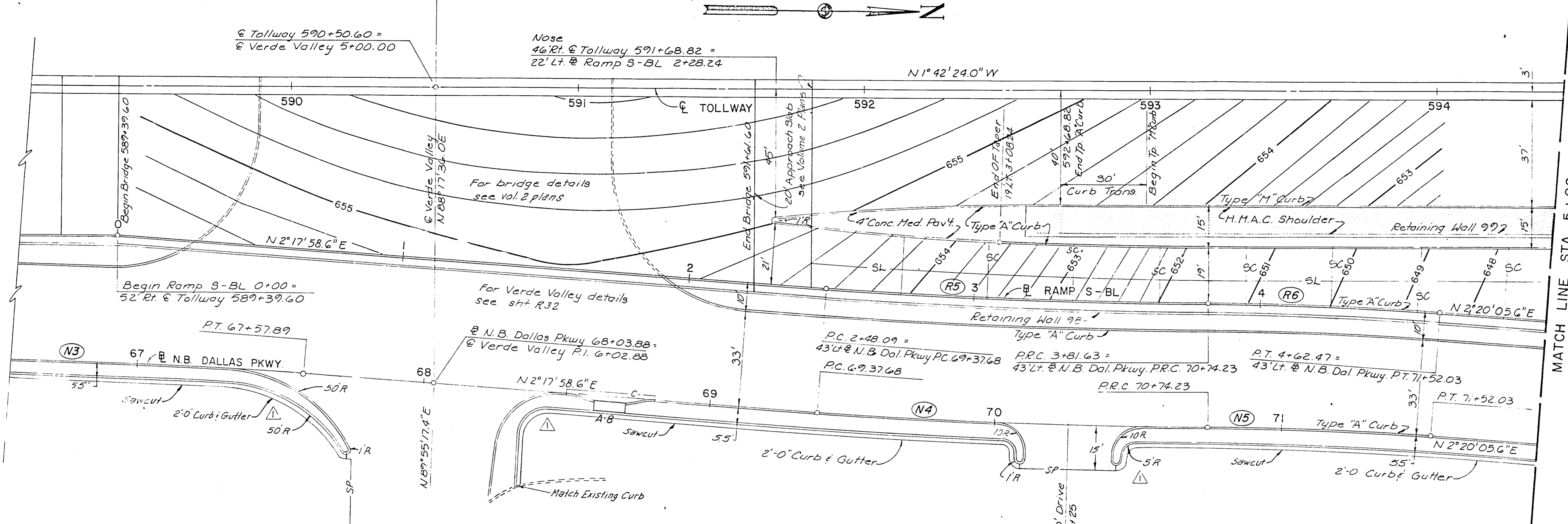
Turner Collie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN	A.L.A.	DATE	5-83	DESIGNED	G.G.S.	DATE	5-83
CHECKED	J.B.L.	DATE	5-83	SCALE	1" = 20'		

CONTRACT NO. DNT-114 SHEET R32 OF R103

- △ Added Conduit 2-25-86
- △ Add Retaining Wall W-97A 2-20-86
- △ Revised East Curb 3-30-84

AS BUILT PLANS



- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/ Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Construction w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Construction
 - E - Transverse Expansion
 - (D) - Horizontal Curve Number
 - A-10 - Inlet Number

- NOTES:**
1. Contours shown are supplementary to profile sheets and are finished top of pavement elevations.
 2. See Vol. 2 plans for retaining wall details.

NO.	REVISION	BY	DATE
1	Revise E. Curb & Gutter, Add Note	WAP	3-28-85
2	Revised East Curb & Gutter	KLU	3-30-84

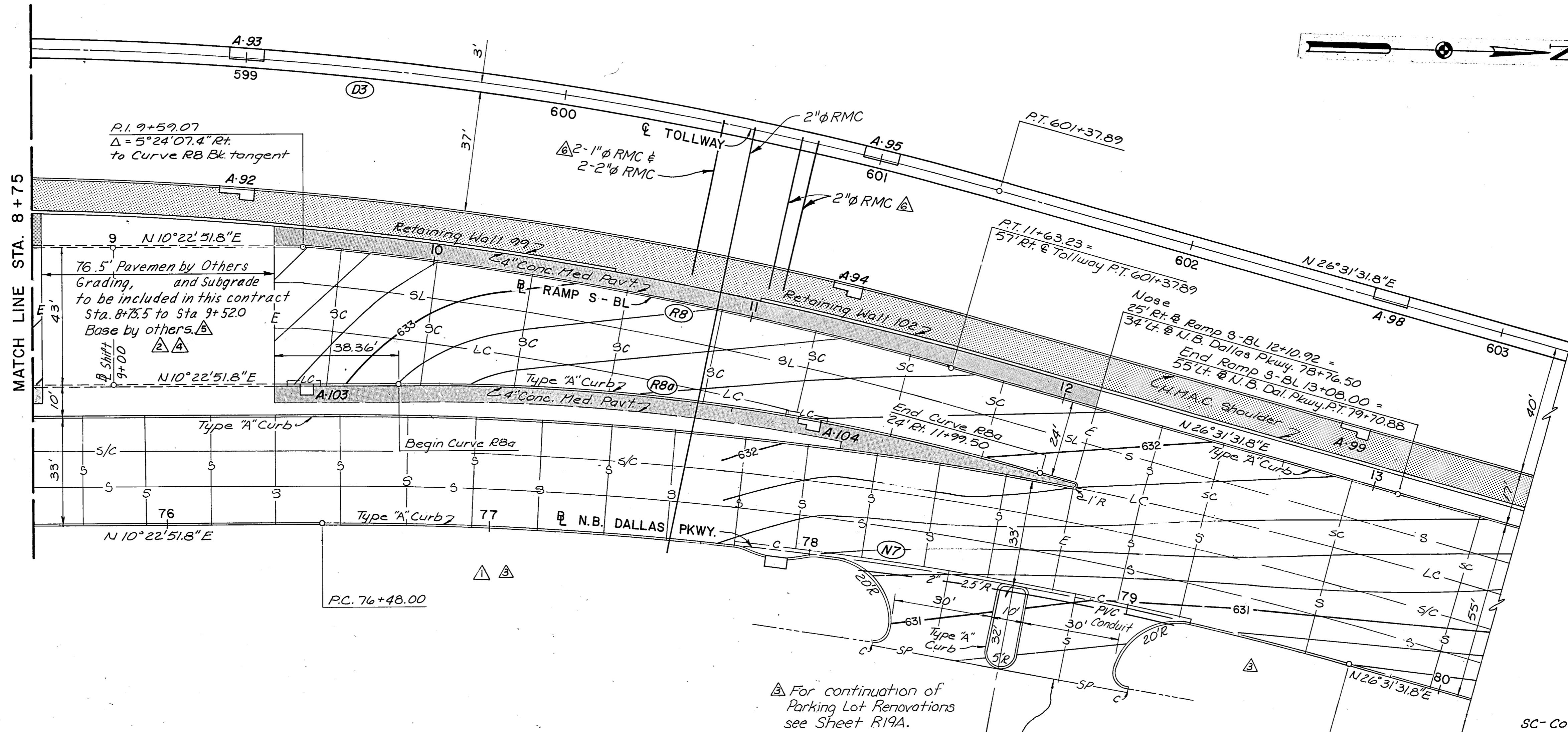
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PAVING PLAN
RAMP S-BL
STA. 0+00 TO STA. 8+75

Turner Collie & Braden Inc. Consulting Engineers SECTION VI

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	1" = 20'		

▲ For continuation of Parking Lot Renovations see Sheet R19A.



MATCH LINE STA. 8 + 75

CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
N3	N. B. Dallas Pkwy.	66+71.15	4°00'22.6" RT.	1909.86'	66.80'	133.54'	3°00'00"
N4	"	70+05.99	4°00'22.6" LT.	1952.86'	68.30'	136.55'	2°56'02"
N5	"	71+13.15	4°02'29.6" RT.	1102.92'	38.92'	77.80'	5°11'42"
N6	"	73+75.68	8°02'46.2" RT.	673.20'	47.35'	94.54'	8°30'40"
N7	"	78+10.52	16°08'40.0" RT.	1145.92'	162.52'	322.89'	5°00'00"
R5	Ramp S-BL	3+14.89	4°00'22.6" LT.	1909.86'	66.80'	133.54'	3°00'00"
R6	"	4+22.07	4°02'29.6" RT.	1145.92'	40.43'	80.83'	5°00'00"
R7	"	6+89.14	8°02'46.2" RT.	716.20'	50.37'	100.58'	8°00'00"
R7a	Lt. Edge Ramp S-BL	12°05'15.8" RT.	1527.89'	161.77'	322.34'	3°45'00"	
R8	Ramp S-BL	10+61.45	10°44'32.6" RT.	1088.92'	102.38'	204.16'	5°15'42"
R8a	Rt. Edge Ramp S-BL	16°08'40.0" RT.	716.20'	101.58'	201.81'	8°00'00"	
D3	Tollway	598+61.42	28°13'55.8" RT.	1145.92'	288.18'	564.64'	5°00'00"

For continuation of Parking Lot Renovations see Sheet R19A.

- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Constructional w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Construction
 - E - Transverse Expansion
 - (D) - Horizontal Curve Number
 - A-10 - Inlet Number

NOTES:

- See Volume 2 Plans for Retaining Wall Details.
- Contours shown are supplementary to profile sheets and are finished top of pavement elevations.

△	Revise E. Curb & Gutter & Add Note	WAP	3-28-85	△	Toll Plaza Begin Station	AMN	5-18-84
△	Toll Plaza Stations	JFB	4-23-85	△	Revised East Curb & Gutter	ALU	4-3-84
△	Base Note	AMN	7-19-85	NO.	REVISION	BY	DATE
△	Added Conduits	JTK	2-18-86				

TEXAS TURNPIKE AUTHORITY

DALLAS NORTH TOLLWAY

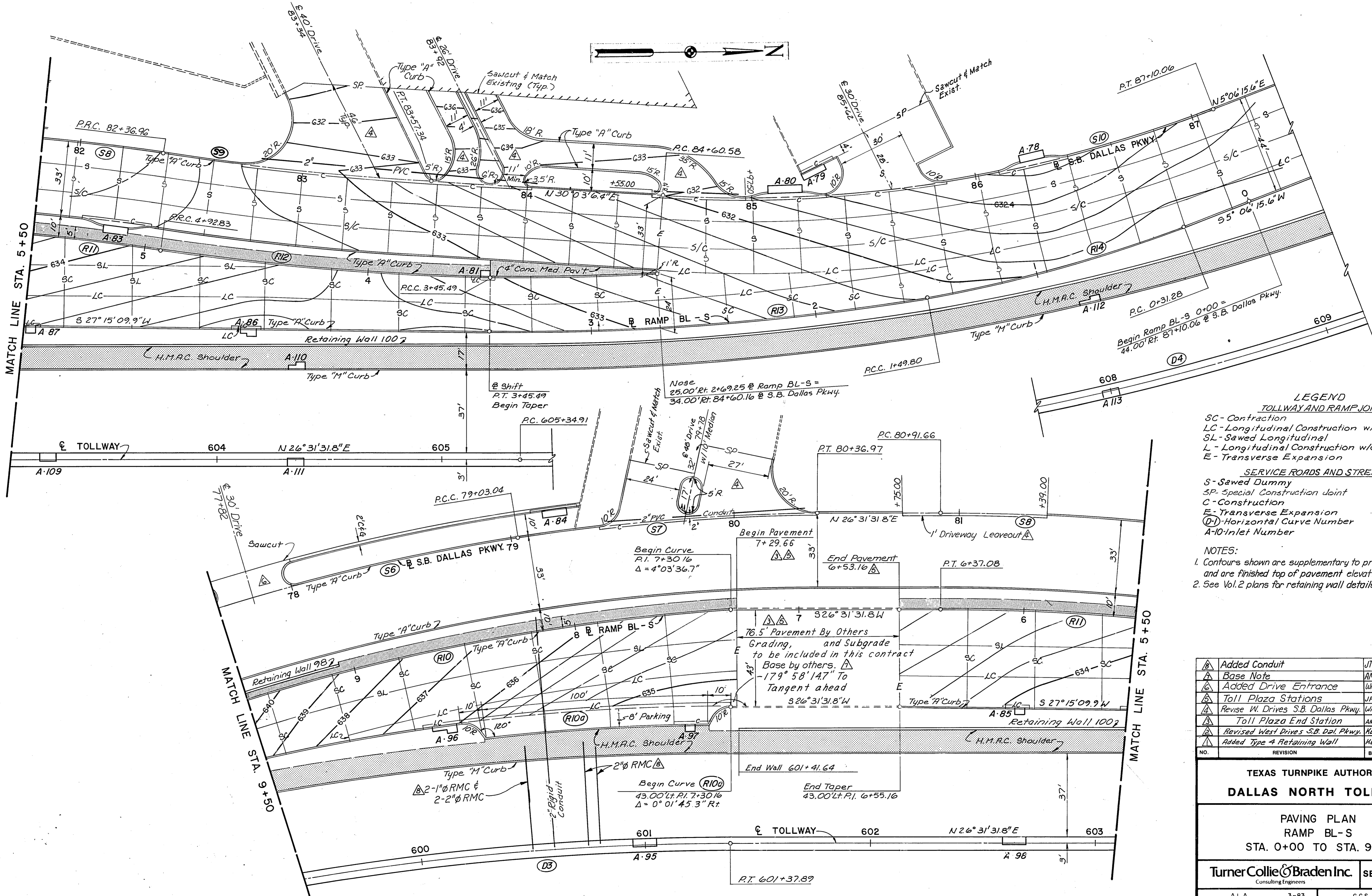
PAVING PLAN
RAMP S-BL
STA. 8+75 TO STA. 13+08

Turner Collie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	1" = 20'		

CONTRACT NO. DNT-114 SHEET R34 OF R103

AS BUILT PLANS



LEGEND
TOLLWAY AND RAMP JOINTS
 SC - Contraction
 LC - Longitudinal Construction w/Tie Bar
 SL - Sawed Longitudinal
 L - Longitudinal Construction w/o Tie Bar
 E - Transverse Expansion
SERVICE ROADS AND STREET JOINTS
 S - Sawed Dummy
 SP - Special Construction Joint
 C - Construction
 E - Transverse Expansion
 (D) - Horizontal Curve Number
 A-10 - Inlet Number

NOTES:
 1. Contours shown are supplementary to profile sheets and are finished top of pavement elevations.
 2. See Vol. 2 plans for retaining wall details.

NO.	REVISION	BY	DATE
1	Added Conduit	JTK	2-18-86
2	Base Note	AMM	7-19-85
3	Added Drive Entrance	WRP	7-11-85
4	Toll Plaza Stations	JFB	4-23-85
5	Revise W. Drives S.B. Dallas Pkwy.	WRP	4-9-85
6	Toll Plaza End Station	AMM	5-18-84
7	Revised West Drives S.B. Dal. Pkwy.	KLJ	4-2-84
8	Added Type 4 Retaining Wall	MLJ	4-2-84

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

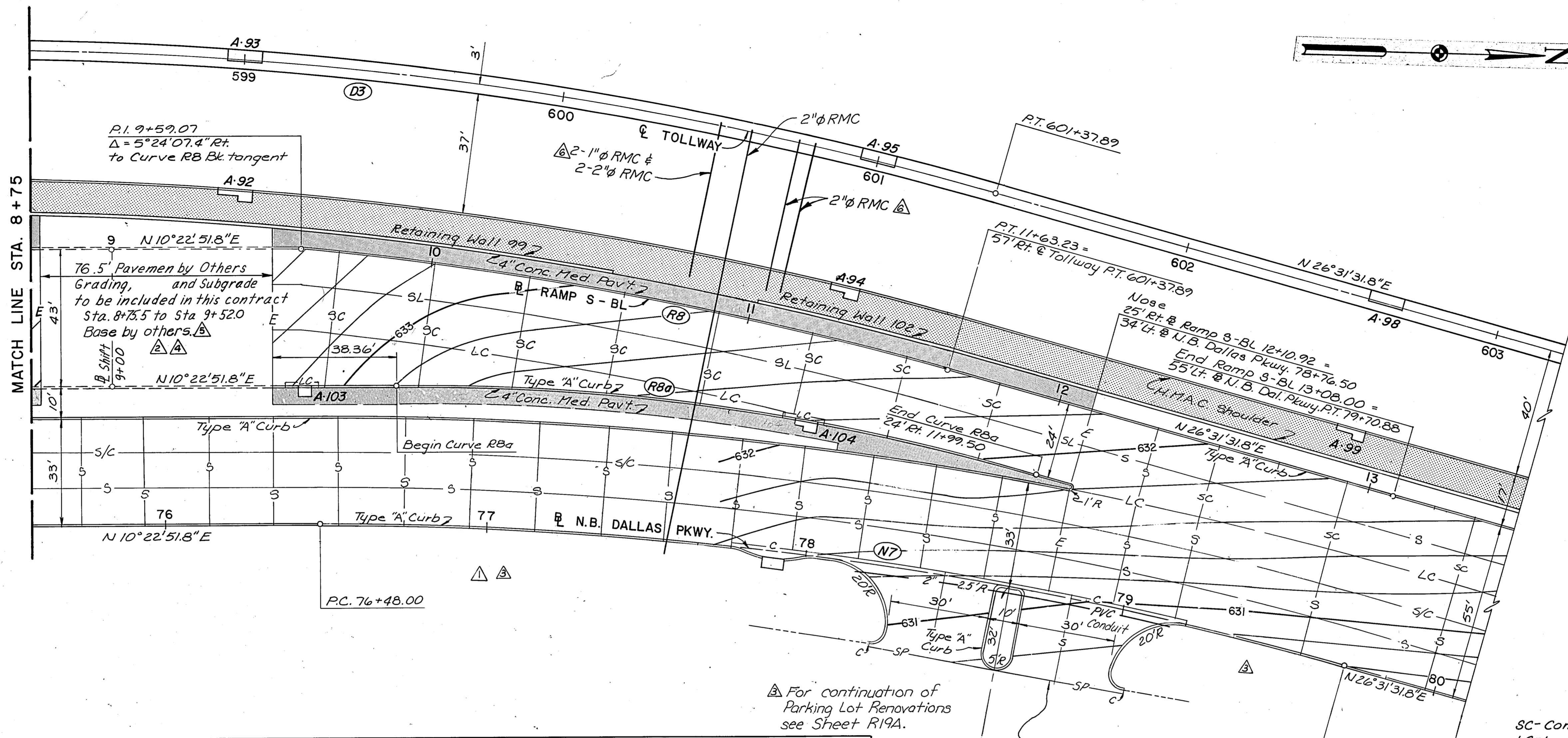
PAVING PLAN
 RAMP BL-S
 STA. 0+00 TO STA. 9+50

Turner Collier & Braden Inc. **SECTION VII**
 Consulting Engineers

DRAWN A.L.A.	DATE 3-83	DESIGNED G.G.S.	DATE 3-83
CHECKED J.B.L.	DATE 3-83	SCALE	1" = 20'

CONTRACT NO. DNT-114 SHEET R35 OF R103

AS BUILT PLANS



CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
N3	N. B. Dallas Pkwy.	66+91.15	4°00'22.6" RT.	1909.86'	66.80'	133.54'	3°00'00"
N4	"	70+05.99	4°00'22.6" LT.	1952.86'	68.30'	136.55'	2°56'02"
N5	"	71+13.15	4°02'29.6" RT.	1102.92'	38.92'	77.80'	5°11'42"
N6	"	73+75.68	8°02'46.2" RT.	673.20'	47.35'	94.54'	8°30'40"
N7	"	78+10.52	16°08'40.0" RT.	1145.92'	162.52'	322.89'	5°00'00"
R5	Ramp S-BL	3+14.89	4°00'22.6" LT.	1909.86'	66.80'	133.54'	3°00'00"
R6	"	4+22.07	4°02'29.6" RT.	1145.92'	40.43'	80.83'	5°00'00"
R7	"	6+89.14	8°02'46.2" RT.	716.20'	50.37'	100.58'	8°00'00"
R7a	Lt. Edge Ramp S-BL	12°05'15.8" RT.	1527.89'	161.77'	322.34'	3°45'00"	
R8	Ramp S-BL	10+61.45	10°44'32.6" RT.	1088.92'	102.38'	204.16'	5°15'42"
R8a	Rt. Edge Ramp S-BL		16°08'40.0" RT.	716.20'	101.58'	201.81'	8°00'00"
D3	Tollway	598+61.42	28°13'55.8" RT.	1145.92'	288.18'	564.64'	5°00'00"

For continuation of Parking Lot Renovations see Sheet R19A.

- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Constructional w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Construction
 - E - Transverse Expansion
 - (O-D) - Horizontal Curve Number
 - A-10 - Inlet Number

NOTES:

- See Volume 2 Plans for Retaining Wall Details.
- Contours shown are supplementary to profile sheets and are finished top of pavement elevations.

△	Revise E. Curb & Gutter & Add Note	WRP	3-28-85	△	Toll Plaza Begin Station	AMN	5-18-84
△	Toll Plaza Stations	JFB	4-23-85	△	Revised East Curb & Gutter	KLJ	4-3-84
△	Base Note	AMN	7-19-85	NO.	REVISION	BY	DATE
△	Added Conduits	JTK	2-18-86				

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

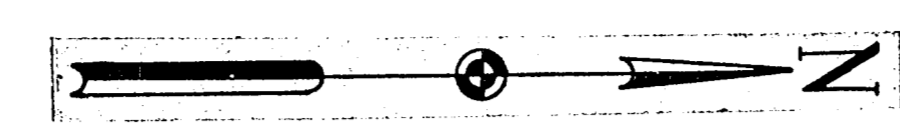
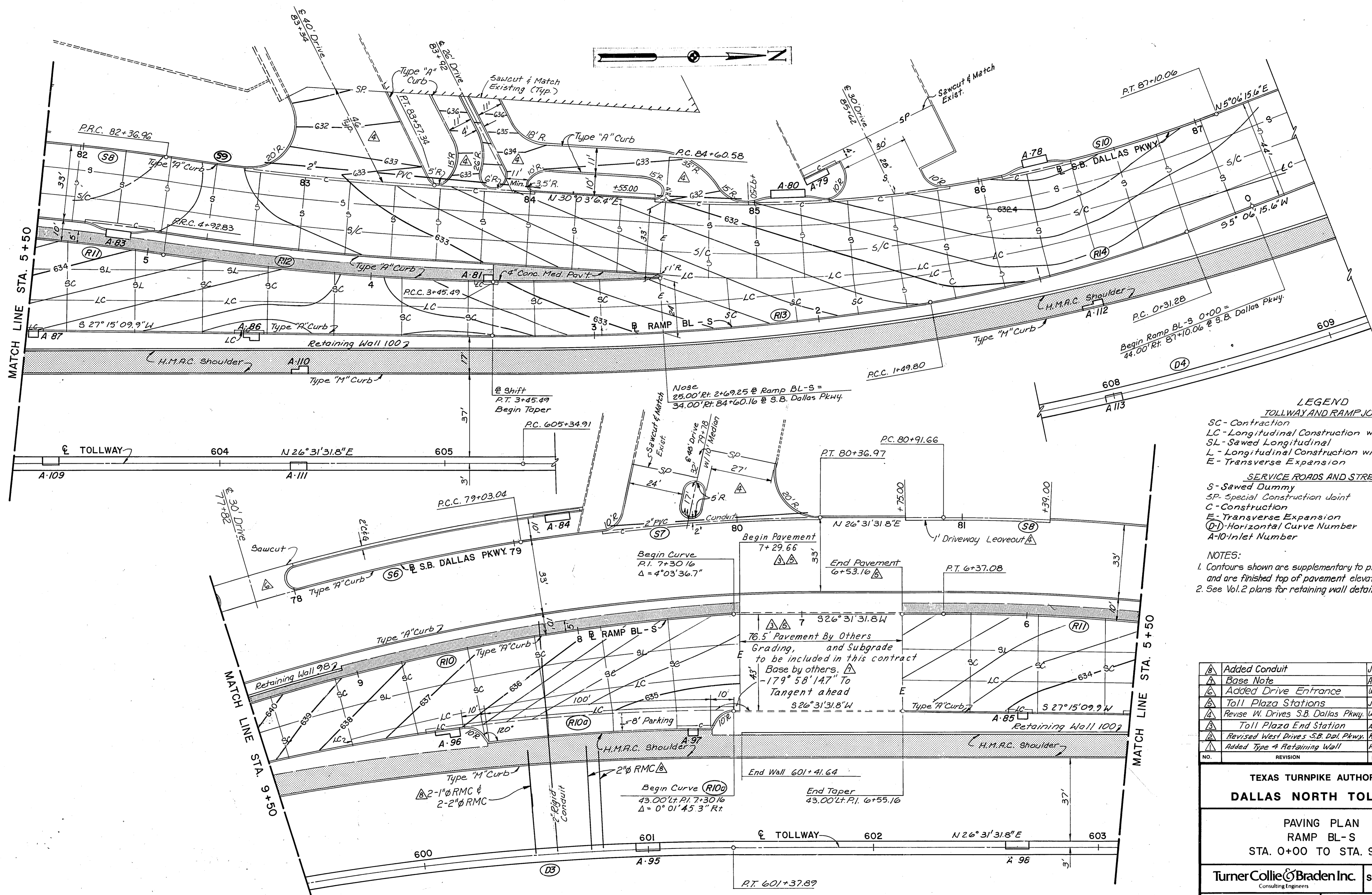
PAVING PLAN
 RAMP S-BL
 STA. 8+75 TO STA. 13+08

TurnerCollie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	1" = 20'		

CONTRACT NO. DNT-114 SHEET R34 OF R103

AS BUILT PLANS



- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Construction w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Construction
 - E - Transverse Expansion
 - (D) - Horizontal Curve Number
 - A-10 - Inlet Number
- NOTES:**
1. Contours shown are supplementary to profile sheets and are finished top of pavement elevations.
 2. See Vol. 2 plans for retaining wall details.

Added Conduit	JTK	2-18-86
Base Note	AMN	7-19-85
Added Drive Entrance	WAP	7-11-85
Toll Plaza Stations	JFB	4-23-85
Revise W. Drives S.B. Dallas Pkwy.	WAP	4-9-85
Toll Plaza End Station	AMN	5-18-84
Revised West Drives S.B. Dal. Pkwy.	HLJ	4-2-84
Added Type 4 Retaining Wall	HLJ	4-2-84
NO.	REVISION	BY DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

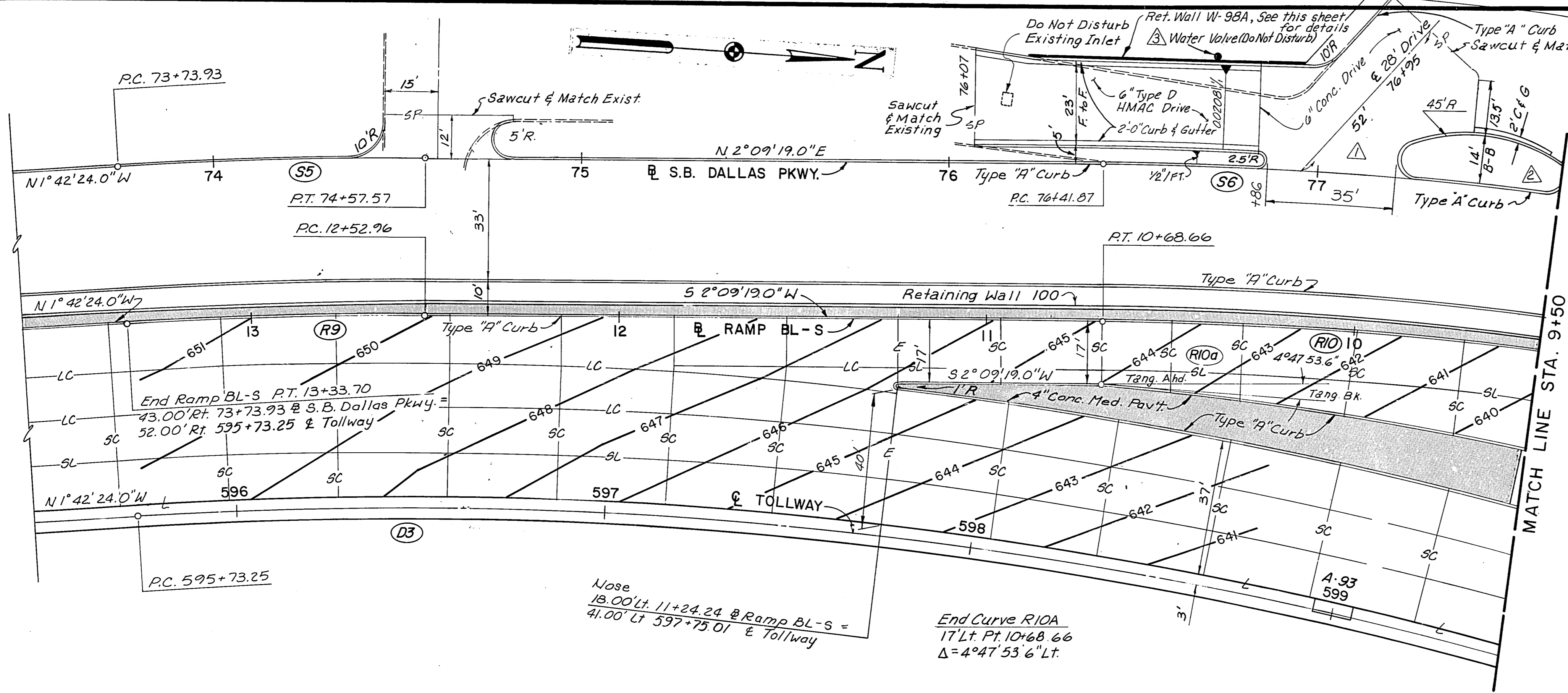
PAVING PLAN
RAMP BL-S
STA. 0+00 TO STA. 9+50

Turner Collie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN A.L.A. DATE 3-83	DESIGNED G.G.S. DATE 3-83
CHECKED J.B.L. DATE 3-83	SCALE 1"=20'

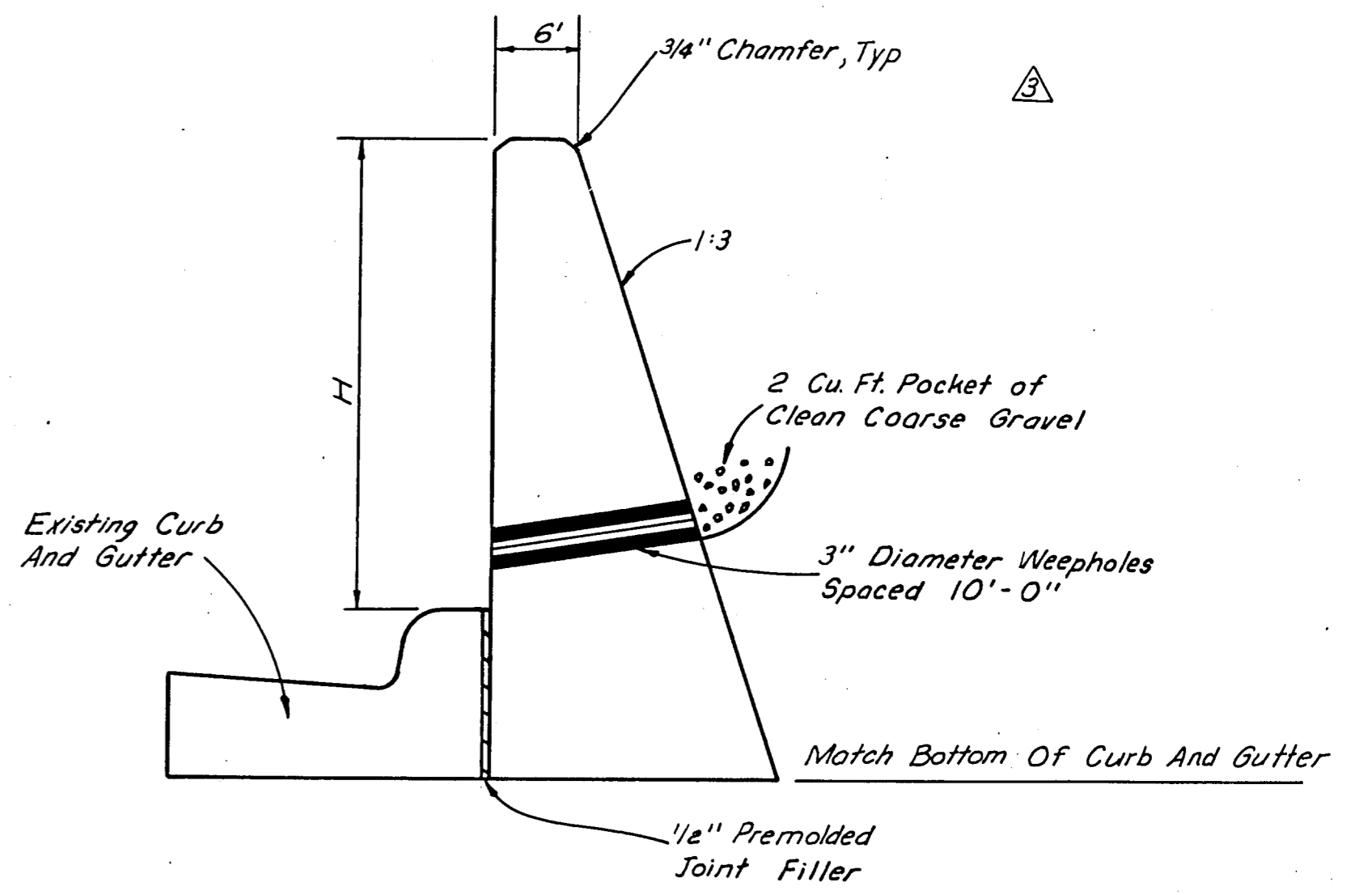
CONTRACT NO. DNT-114 SHEET R35 OF R103

AS BUILT PLANS



Quantity Per Ft. Of Wall

H	Concrete Cu. Yd.
1'	.07
2'	.12
3'	.18

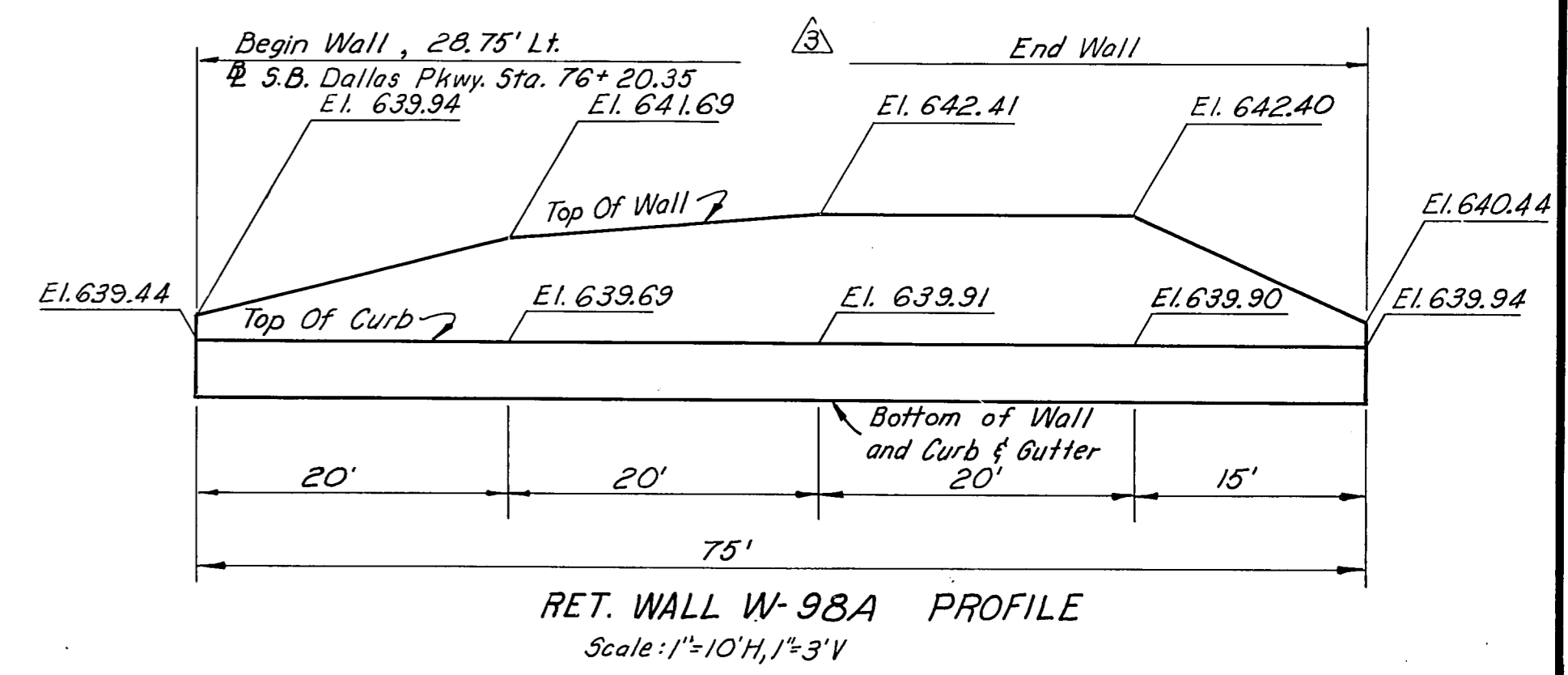


RET. WALL W-98A
SCALE: 1"=1'-0"
SECTION

CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
S5	@ S.B. Dallas Pkwy.	74+15.76	3° 51' 43.0" RT	1240.92'	41.84'	83.64'	4° 37' 02"
S6	"	77+73.21	14° 59' 41.7" RT	997.93'	131.34'	261.17'	5° 44' 29"
S7	"	79+70.15	9° 22' 31.1" RT	818.51'	67.12'	133.93'	7° 00' 00"
S8	"	81+64.44	8° 20' 30.5" RT	997.93'	72.77'	145.29'	5° 44' 29"
S9	"	82+97.19	4° 48' 55.9" LT	1432.39'	60.23'	120.39'	4° 00' 00"
S10	"	85+87.33	24° 56' 50.8" LT	572.96'	126.75'	249.47'	10° 00' 00"
R9	@ Ramp BL-S	12+93.34	3° 51' 43.6" LT	1197.92'	40.39'	80.75'	4° 46' 59"
R10	"	9+01.20	20° 18' 36.1" LT	954.93'	171.05'	338.50'	6° 00' 00"
R11	"	5+65.09	8° 39' 17.0" LT	954.93'	72.26'	144.25'	6° 00' 00"
R12	"	4+19.28	7° 55' 38.9" RT	1064.92'	73.79'	147.34'	5° 22' 49"
R13	"	2+47.91	10° 17' 46.5" RT	1088.92'	98.11'	195.68'	5° 15' 42"
R14	"	0+90.76	11° 51' 07.8" RT	572.96'	59.47'	118.52'	10° 00' 00"
R10a	Lt. Edge Ramp BL-S						
D3	@ Tollway	598+61.42	28° 13' 55.8" RT	1145.92'	288.18'	564.64'	5° 00' 00"
D4	"	607+51.66	21° 25' 16.2" LT	1145.92'	216.74'	428.42'	5° 00' 00"

LEGEND
TOLLWAY AND RAMP JOINTS
 SC - Contraction
 LC - Longitudinal Construction w/ Tie Bar
 SL - Sawed Longitudinal
 L - Longitudinal Construction w/o Tie Bar
 E - Transverse Expansion
SERVICE ROADS AND STREET JOINTS
 S - Sawed Dummy
 SP - Special Construction Joint
 C - Construction
 E - Transverse Expansion
 (D-1) - Horizontal Curve Number
 A-10 - Inlet Number

NOTES
 1. Contours shown are supplementary to profile sheets and are finished top of pavement elevations.
 2. See Volume 2 Plans for Retaining Wall Details.



RET. WALL W-98A PROFILE
Scale: 1"=10'H, 1/2"=3'V

1	Add Retaining Wall W-98A	GMC	12-19-85
2	Revise Median	GMC	11-12-85
3	Revise Drive Entrance	WAP	7-11-85
NO.	REVISION	BY	DATE

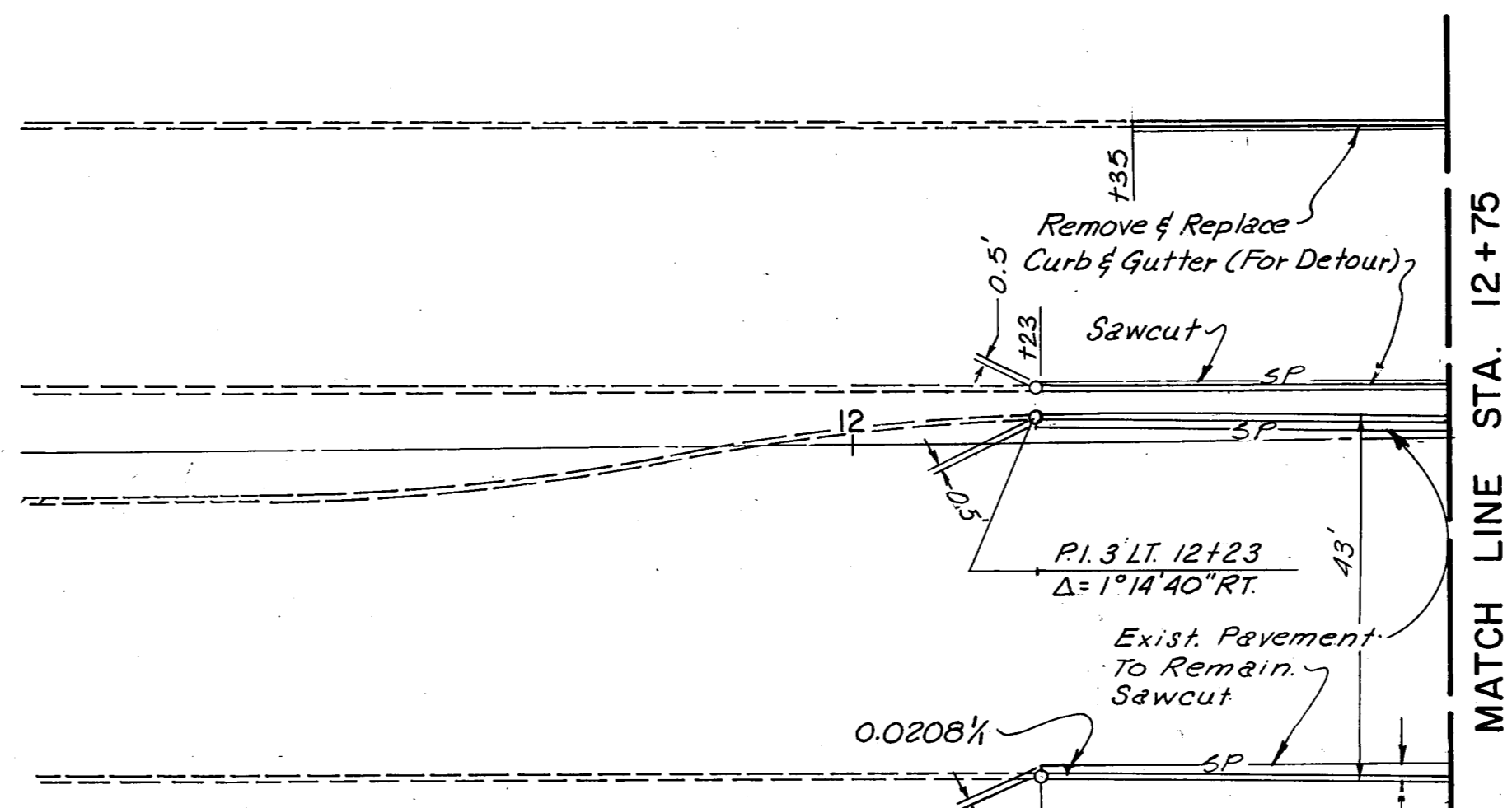
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY
 PAVING PLAN
 RAMP BL-S
 STA. 9+50 TO STA. 13+33.70

Turner Collie & Braden Inc. Consulting Engineers SECTION VI

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	1"=20'		

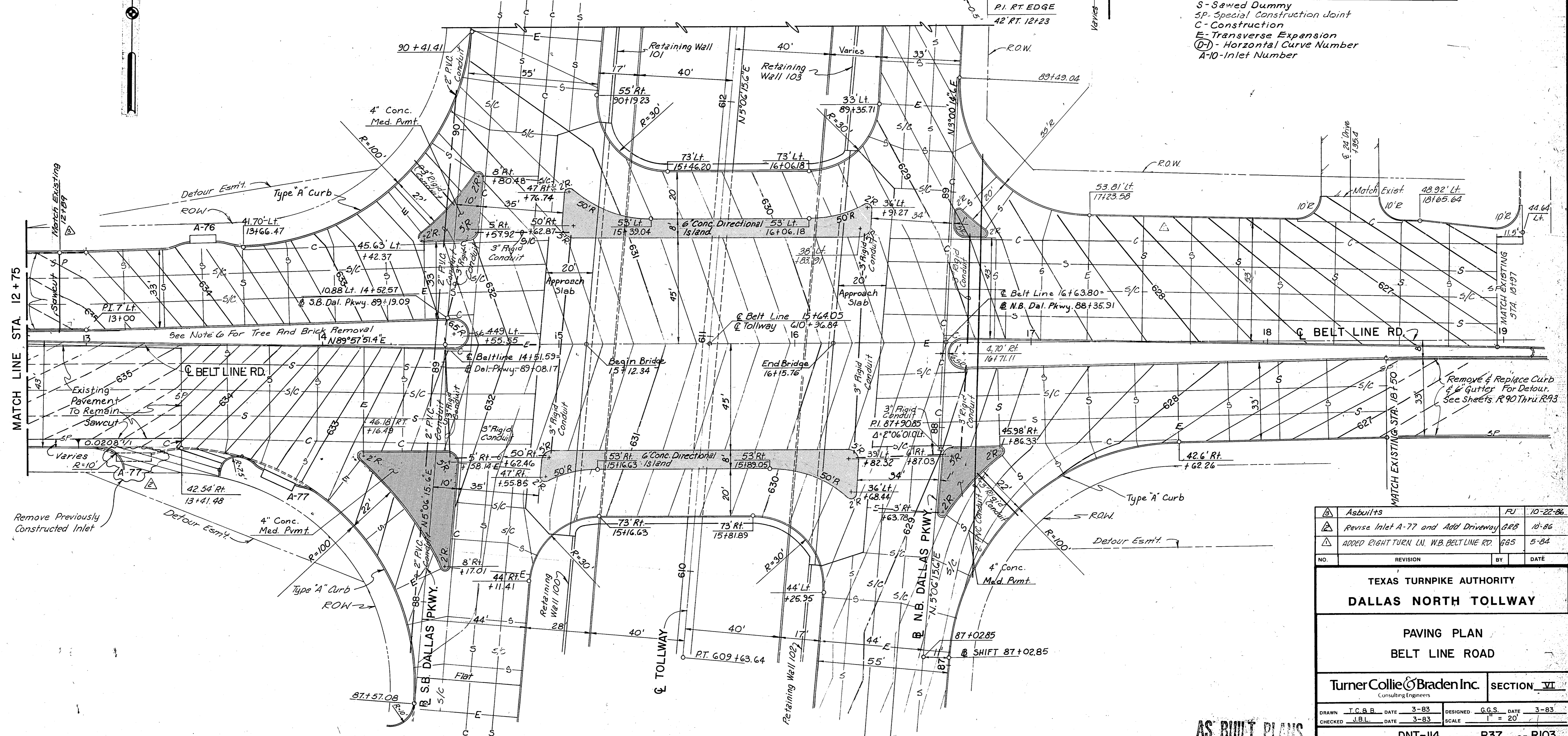
CONTRACT NO. DNT-114 SHEET R36 OF R103

AS BUILT PLANS



- NOTES :**
1. See Volume 2 Plans For Bridge Details
 2. See Volume 2 Plans For Approach Slab Details
 3. See Sheets 19 Thru 20 For Additional Horz. & Vert. Details
 4. See Volume 2 Plans For Retaining Wall Details
 5. Contours Shown Are Supplementary To Profile Sheets And Are Finished Top Of Pavement Elevations.
 6. Existing Trees And Bricks In Median To Be Removed By The Town Of Addison. The Contractor Shall Notify The Town Of Addison Prior To Construction Of B.L. Road.

- LEGEND**
- TOLLWAY AND RAMP JOINTS**
- SC - Contraction
 - LC - Longitudinal Construction w/ Tie Bar
 - SL - Sawed Longitudinal
 - L - Longitudinal Construction w/o Tie Bar
 - E - Transverse Expansion
- SERVICE ROADS AND STREET JOINTS**
- S - Sawed Dummy
 - SP - Special Construction Joint
 - C - Contraction
 - E - Transverse Expansion
 - (O) - Horizontal Curve Number
 - A-10 - Inlet Number



Asbuilts	FJ	10-22-86
Revise Inlet A-77 and Add Driveway GRB		10-86
ADDED RIGHT TURN LN. W.B. BELT LINE RD.	GG5	5-84
NO.	REVISION	BY DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PAVING PLAN
BELT LINE ROAD

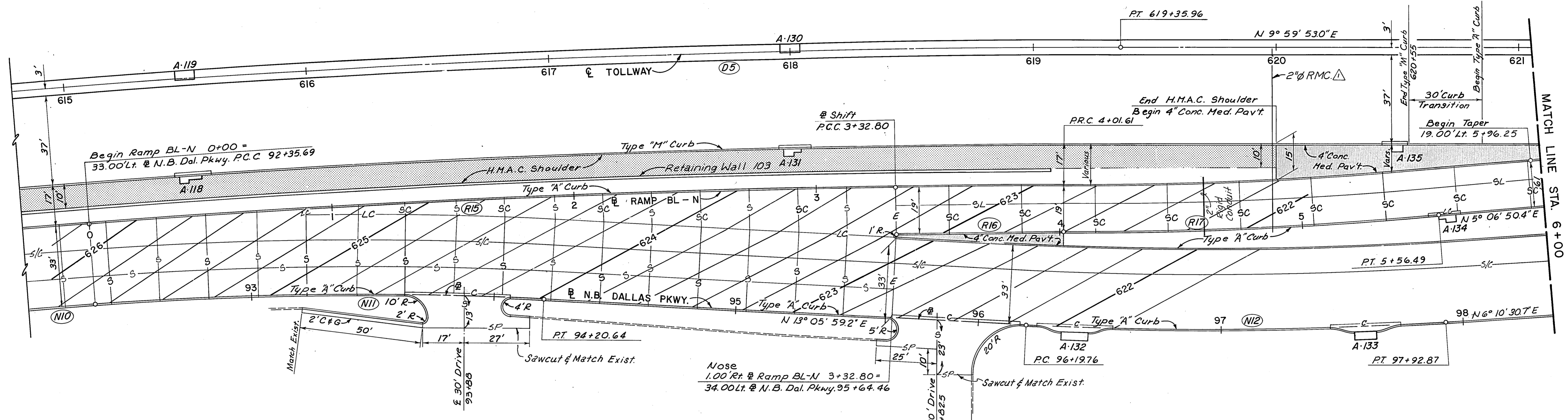
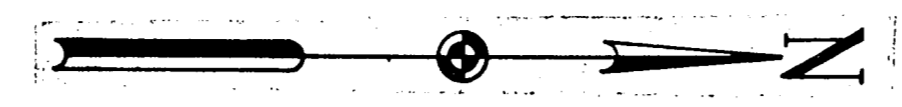
Turner Collie & Braden Inc.
Consulting Engineers

SECTION VI

DRAWN T.C.B.B.	DATE 3-83	DESIGNED G.G.S.	DATE 3-83
CHECKED J.B.L.	DATE 3-83	SCALE	1" = 20'

CONTRACT NO. DNT-114 SHEET R37 OF R103

AS BUILT PLANS

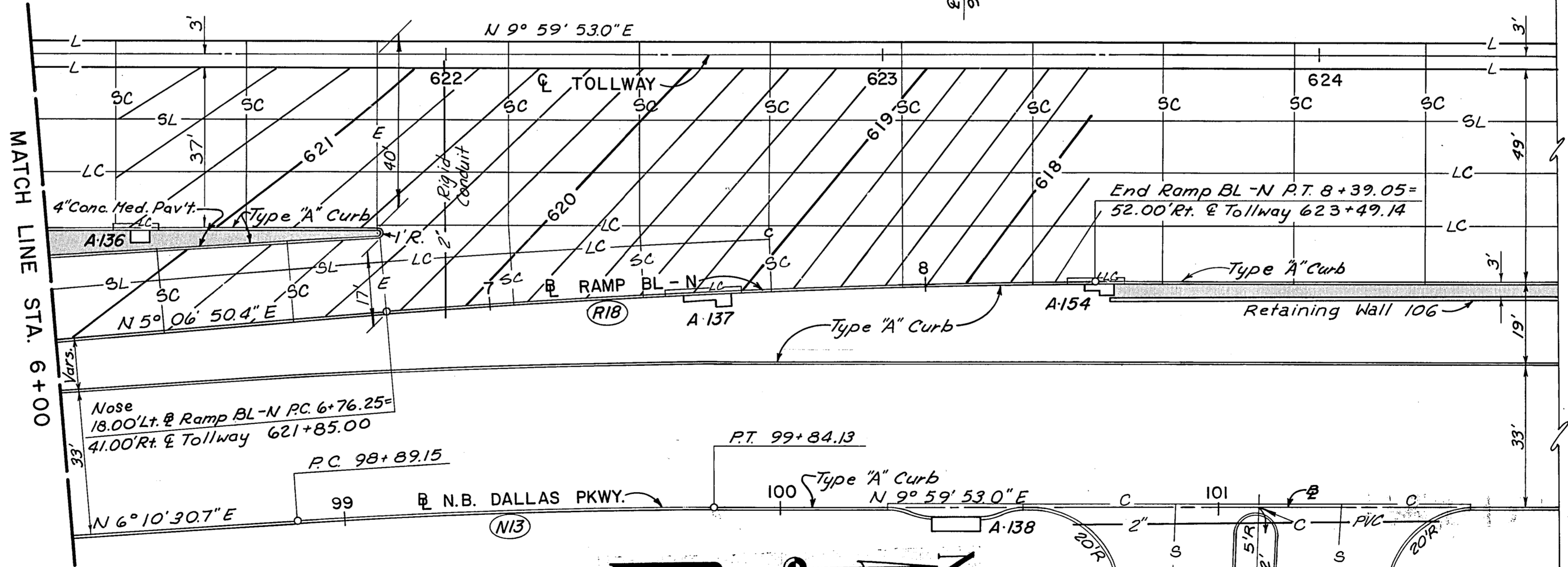


LEGEND

TOLLWAY AND RAMP JOINTS
 SC - Contraction
 LC - Longitudinal Construction w/Tie Bar
 SL - Sawed Longitudinal
 L - Longitudinal Construction w/o Tie Bar
 E - Transverse Expansion

SERVICE ROADS AND STREET JOINTS
 S - Sawed Dummy
 SP - Special Construction Joint
 C - Construction
 E - Transverse Expansion
 (D) - Horizontal Curve Number
 A-10 Inlet Number

NOTES
 1. Contours shown are supplementary to profile sheets and are finished top of pavement elevations.
 2. See Volume 2 Plans for retaining wall details.



CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
N10	@ N.B. Dallas Pkwy.	91+63.15	1° 28' 26.3" RT.	5639.58'	72.55'	145.08'	1° 00' 57"
N11	"	93+28.29	7° 23' 52.8" RT.	1432.39'	92.60'	184.95'	4° 00' 00"
N12	"	97+06.42	6° 55' 28.5" LT.	1432.39'	86.66'	173.11'	4° 00' 00"
N13	"	99+36.96	3° 49' 22.2" RT.	1432.39'	47.80'	95.57'	4° 00' 00"
R15	@ Ramp BL-N	1+66.45	3° 21' 41.3" RT.	5672.58'	166.45'	332.80'	1° 00' 36"
R16	"	3+67.20	0° 41' 50.4" RT.	5653.58'	34.40'	68.81'	1° 00' 48"
R17	"	4+79.09	4° 38' 47.7" LT.	1909.86'	77.49'	154.89'	3° 00' 00"
R18	"	7+57.70	4° 53' 02.6" RT.	1909.86'	81.45'	162.80'	3° 00' 00"
D5	@ Tollway	616+91.42	4° 53' 37.4" RT.	5729.58'	244.83'	489.37'	1° 00' 00"

Added Conduit JTK 2-18-86
 NO. REVISION BY DATE

TEXAS TURNPIKE AUTHORITY
 DALLAS NORTH TOLLWAY

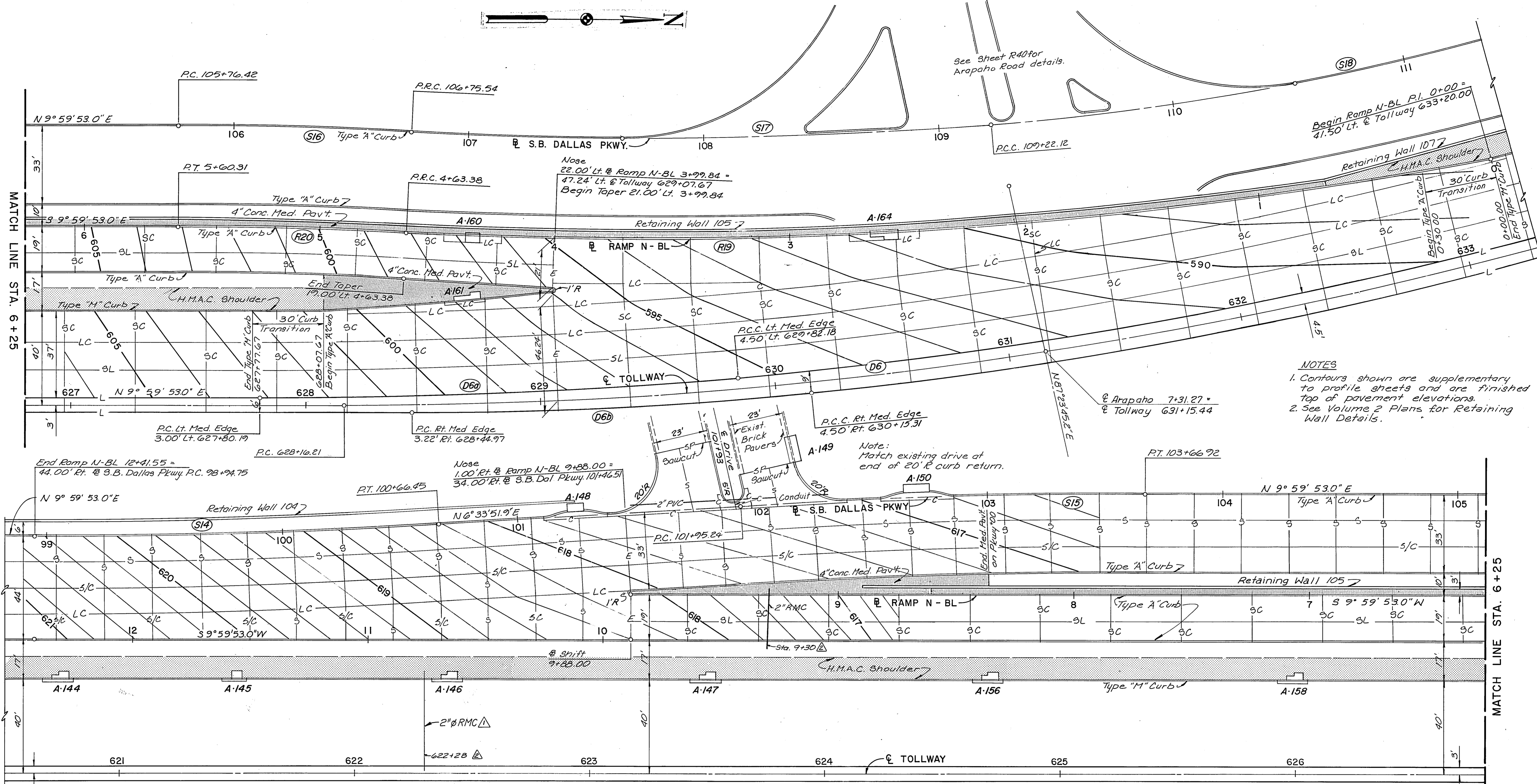
PAVING PLAN
 RAMP BL-N

TurnerCollie & Braden Inc. SECTION VI
 Consulting Engineers

DRAWN A.L.A. DATE 3-83 DESIGNED G.G.S. DATE 3-83
 CHECKED J.B.L. DATE 3-83 SCALE 1" = 20'

CONTRACT NO. DNT-114 SHEET R38 OF R103

AS BUILT PLANS



NOTES
 1. Contours shown are supplementary to profile sheets and are finished top of pavement elevations.
 2. See Volume 2 Plans for Retaining Wall Details.

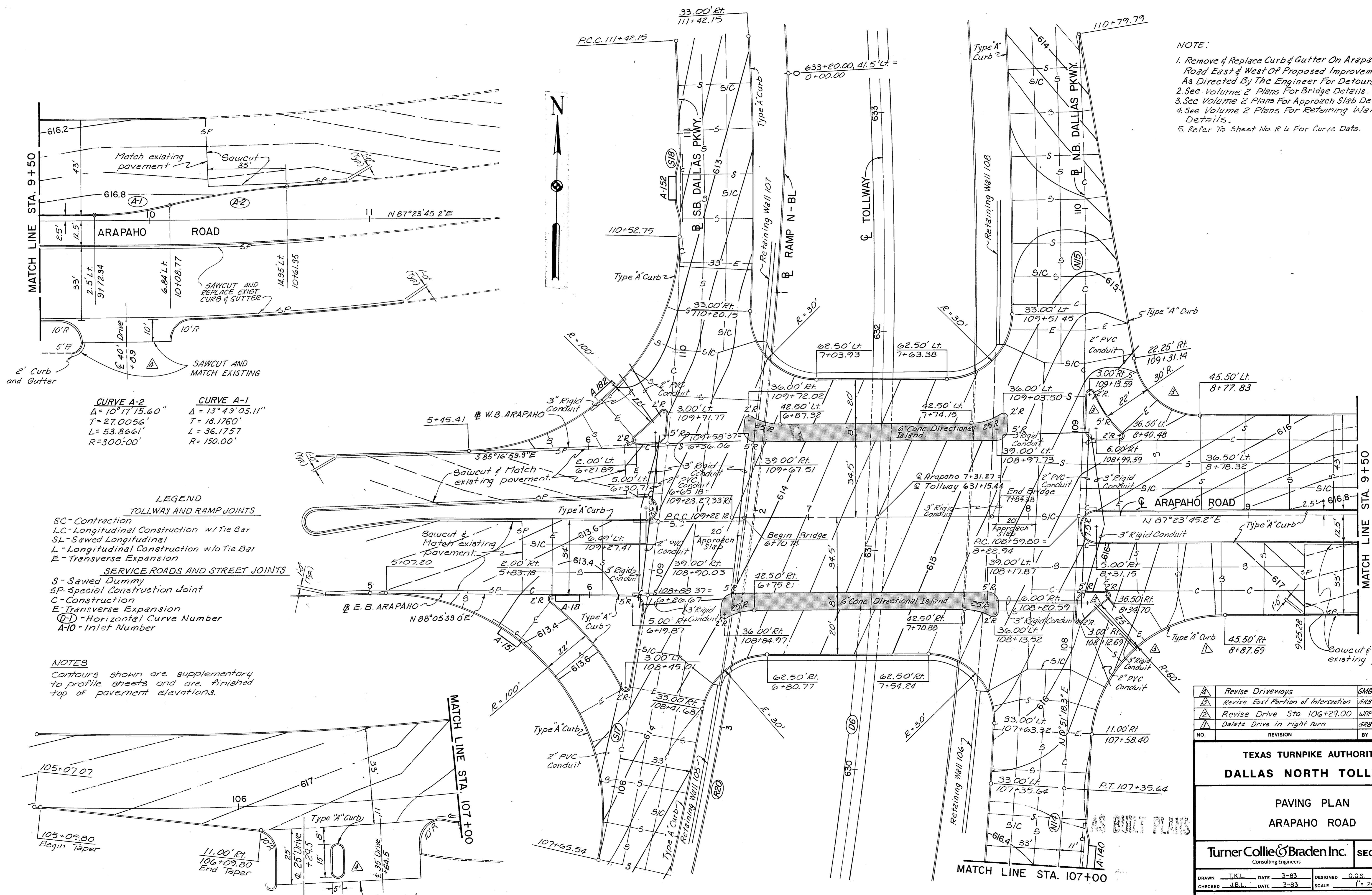
LEGEND
TOLLWAY AND RAMP JOINTS
 SC - Contraction
 LC - Longitudinal Construction w/Tie Bar
 SL - Sawed Longitudinal
 L - Longitudinal Construction w/o Tie Bar
 E - Transverse Expansion
SERVICE ROADS AND STREET JOINTS
 S - Sawed Dummy
 SP - Special Construction Joint
 C - Construction
 E - Transverse Expansion
 (D-D) - Horizontal Curve Number
 A-10 - Inlet Number

CURVE DATA							
CURVE NO.	LOCATION	P.I. STATION	Δ	R	T	L	D
S14	☉ S.B. Dallas Pkwy	99+80.62	3° 26' 01.0" LT.	2864.79'	85.87'	171.68'	2° 00' 00"
S15	" "	102+81.10	3° 26' 01.0" RT.	2864.79'	85.87'	171.68'	2° 00' 00"
S16	" "	106+25.99	2° 54' 29.4" RT.	1952.86'	49.57'	99.12'	2° 56' 02"
S17	" "	107+99.01	7° 34' 03.3" LT.	1866.86'	123.47'	246.57'	3° 04' 09"
S18	" "	110+32.47	11° 00' 04.9" LT.	1143.92'	110.35'	220.03'	5° 00' 00"
R19	☉ Ramp N-BL	2+32.83	13° 54' 04.5" RT.	1909.86'	232.83'	463.38'	3° 00' 00"
R20	" "	5+11.86	2° 54' 29.4" LT.	1909.86'	48.48'	96.94'	3° 00' 00"
D6a	Lt. Tollway Median Edge	632+12.13	5° 02' 58.9" LT.	2291.83'	101.06'	201.99'	2° 30' 00"
D6	☉ Tollway	632+12.13	23° 25' 25.0" LT.	1909.86'	395.92'	780.79'	3° 00' 00"
D6b	Rt. Tollway Median Edge	632+12.13	5° 57' 42.4" LT.	1637.02'	85.25'	107.34'	3° 30' 00"

AS-BUILT PLANS

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
PAVING PLAN			
RAMP N-BL			
Turner Collie & Braden Inc. <small>Consulting Engineers</small>			SECTION VI
DRAWN A.L.A.	DATE 3-83	DESIGNED G.G.S.	DATE 3-83
CHECKED J.B.L.	DATE 3-83	SCALE 1" = 20'	
CONTRACT NO. DNT-114 SHEET R39 OF R103			

NOTE:
 1. Remove & Replace Curb & Gutter On Arapaho Road East & West Of Proposed Improvements As Directed By The Engineer For Detours.
 2. See Volume 2 Plans For Bridge Details.
 3. See Volume 2 Plans For Approach Slab Details.
 4. See Volume 2 Plans For Retaining Wall Details.
 5. Refer To Sheet No. R 4 For Curve Data.



CURVE A-2
 $\Delta = 10^{\circ}17'15.60''$
 $T = 27.0056'$
 $L = 53.8661'$
 $R = 300.00'$

CURVE A-1
 $\Delta = 13^{\circ}49'05.11''$
 $T = 18.1760'$
 $L = 36.1757'$
 $R = 150.00'$

LEGEND

TOLLWAY AND RAMP JOINTS
 SC - Contraction
 LC - Longitudinal Construction w/Tie Bar
 SL - Sawn Longitudinal
 L - Longitudinal Construction w/o Tie Bar
 E - Transverse Expansion

SERVICE ROADS AND STREET JOINTS
 S - Sawn Dummy
 SP - Special Construction Joint
 C - Construction
 E - Transverse Expansion
 (D) - Horizontal Curve Number
 A-10 - Inlet Number

NOTES
 Contours shown are supplementary to profile sheets and are finished top of pavement elevations.

NO.	REVISION	BY	DATE
1	Revise Driveways	GMG	10-7-85
2	Revise East Portion of Intersection	GRB	2-26-85
3	Revise Drive Sta 106+29.00	WAP	11-9-84
4	Delete Drive in right turn	GRB	9-6-84

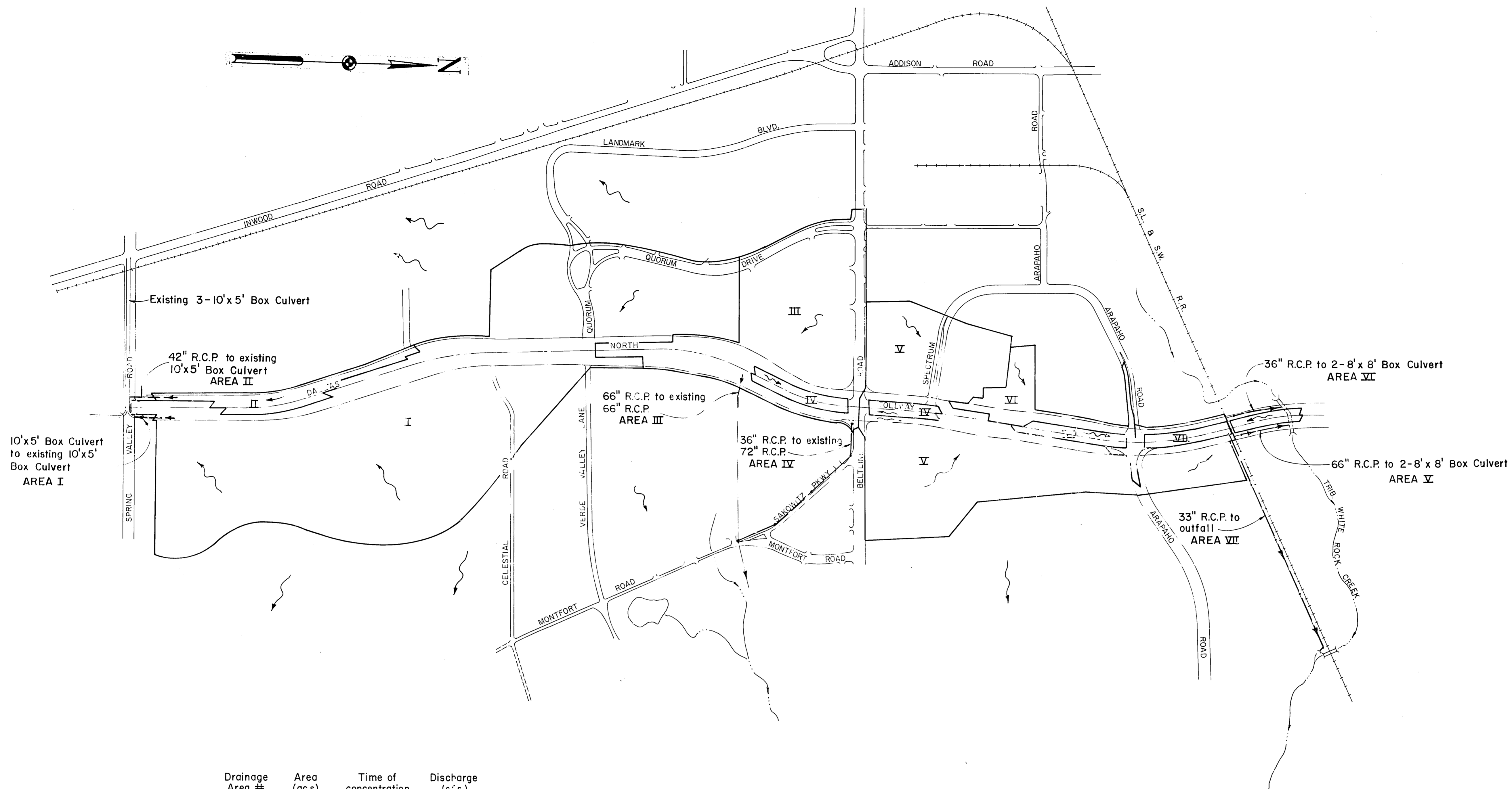
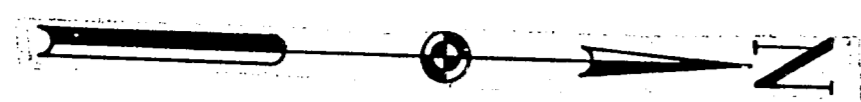
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

PAVING PLAN
ARAPAHO ROAD

Turner Collie & Braden Inc. **SECTION VI**
 Consulting Engineers

DRAWN T.K.L. DATE 3-83	DESIGNED G.G.S. DATE 3-83
CHECKED J.B.L. DATE 3-83	SCALE 1" = 20'

CONTRACT NO. **DNT-114** SHEET **R40** OF **R103**



Drainage Area #	Area (ac.s)	Time of concentration (min.)	Discharge (c.f.s)
I	92.2	17.5	5.4
II	5.8	13.1	38
III	33.4	12.8	2.6
IV	3.7	15.6	26
V	47.8	14.7	293
VI	7.5	14.6	47
VII	5.0	16.8	33

Inlet Time 10 min.
 C = 0.9
 I_{10} - SDHPT = 8.0 in/hr.

AS BUILT PLANS

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
DRAINAGE AREA MAP			
Turner Collie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN JBL	DATE 5-83	DESIGNED G.G.S.	DATE 5-83
CHECKED JBL	DATE 5-83	SCALE 1"=400'	
CONTRACT NO. DNT-114 SHEET R43 OF R103			

MANHOLES

INLETS

MANHOLE NUMBER	LOCATION	DESCRIPTION	RIM ELEV	OUTFALL F.L.	DEPTH (FT.)	REMARKS		
1	00+30	S.D.	27.5' Rt	Type I	033.00	020.00	7.5'	Deleted
2								
3	00+04.30	N.B.	10.5' Lt	Type I	031.31	023.30	8.5'	
4	00+47	DNT	2.25' Lt	Type II	041.20	024.50	17.0'	
5	70+48	N.B.	13.0' Rt	Type III	030.00	031.50	0.5'	
6	79+11	N.B.	13.0' Rt	Type II	030.79	026.51	3.0'	
7	00+04	N.B.	13.0' Rt	Type I	035.07	019.14	10.0'	
8	03+03	N.B.	13.0' Rt	Type I	031.04	022.00	10.0'	
9	003+52	DNT	2.25' Rt	Type II	007.40	008.97	0.5'	
10	10+07	Belt Line	55.0' Rt	Type II	029.30	000.30	31.0'	
11	13+36	Belt Line	59.0' Rt	Type II	020.20	597.39	29.0'	
12	Jakowitz Dr.	—	—	Type II	020.25	590.05	24.5'	
13	Jakowitz Dr.	—	—	Type II	010.70	594.70	10.5'	
14	3+05	BL-N	2.0' Rt	Type I	023.23	013.55	10.0'	
15	103+33.80	N.B.	22.0' Lt	Type III	010.10	000.41	10.0'	
16	112+03.00	N.B.	22.0' Lt	Type I	012.12	001.77	10.5'	
17	102+78.00	S.D.	12.0' Rt	Type II	017.02	011.12	0.0'	
18	100+78.00	S.D.	12.0' Rt	Type II	014.79	000.70	0.5'	
19	110+70.00	S.D.	12.0' Rt	Type II	012.31	000.75	0.5'	
20	114+50.00	S.D.	12.0' Rt	Type II	011.33	000.00	0.5'	
21	116+45.00	S.D.	12.0' Rt	Type II	011.05	000.12	12.0'	
22	030+00	DNT	10.5' Rt	Type III	592.00	505.30	7.0'	
23	037+30.22	DNT	3.50' Rt	Type II	507.50	579.40	0.5'	
24	0241+13.04	RR.	300' Lt	Type II	012.00	575.03	37.5'	
25	0237+13.04	RR.	300' Lt	Type II	005.24	572.57	32.5'	
26	0233+13.04	RR.	300' Lt	Type II	594.23	509.51	24.5'	
27	0229+13.04	RR.	300' Lt	Type II	501.00	500.30	10.0'	
28	* 41+02.00	N.B.	24.0' Lt	M.H. To Box Culv.	022.04	—	*	SEE DETAIL SHT. R120
29	** 49+03.05	N.B.	13.0' Lt	M.H. To Box Culv.	025.03	—	**	
30	32+00	N.B.	22.0' Lt	Type I	026.33	021.32	5.0'	

* Bottom Of M.H. Is To Top Of 10'x5' Box Culvert, depth = 3.96'
 ** Bottom Of M.H. Is To Top Of 8'x5' Box Culvert, depth = 2.08'

CODE	LOCATION	DESCRIPTION	GUTTER ELEV	OUTLET F.L.	DEPTH	REMARKS		
A 31	574+50	DNT	52.0' Rt	0' C	025.13	021.21	4.0'	3' Ext.
A 32	50+50	S.D.	2.0' Rt	10' CDR	025.13	021.13	4.0'	
A 33	7+70	SPV-N	—	0' C	023.70	020.00	4.0'	3' Ext.
A 34	7+10	SPV-N	—	3' C	024.59	020.52	4.5'	
A 35	0+80	SPV-N	—	3' C	024.51	020.32	4.5'	
A 36	0+25	SPV-N	—	3' C	024.35	020.02	4.5'	
A 37a	52+05	S.D.	2.0' Lt	0' CDR	025.70	021.70	4.0'	
A 37	574+25	DNT	40.0' Lt	0' C	023.19	021.27	4.0'	5' Ext.
A 38	573+05	DNT	40.0' Lt	3' C	024.00	020.53	4.0'	
A 39	573+05	DNT	40.0' Lt	3' C	024.59	020.00	4.0'	
A 40a	50+15	S.D.	2.0' Lt	0' CDR	023.00	019.00	4.0'	
A 40	572+45	DNT	40.0' Lt	3' C	024.20	019.30	5.0'	
A 41	571+05	DNT	40.0' Lt	3' C	023.90	019.00	5.0'	
A 42	571+10	DNT	3.0' Rt	M	024.19	020.01	4.0'	1 Grate
A 43	5+50	—	—	3' C	024.13	020.21	4.0'	
A 44	49+13	Driveway	10' CD	024.00	020.00	4.0'		
A 45	4+75	SPV-N	—	3' C	024.44	020.52	4.0'	
A 46	40+05	N.B.	2.0' Rt	10' CDR	023.00	019.00	4.0'	
A 47	40+10	N.B.	2.0' Rt	10' CDR	023.21	019.21	4.0'	
A 48	42+00	N.B.	2.0' Rt	14' CDR	022.50	010.50	4.0'	
A 49	550+70	DNT	40.0' Lt	3' C	030.25	034.33	4.0'	
A 50	550+51	DNT	40.0' Lt	3' C	030.10	034.27	4.0'	
A 51	550+05	DNT	40.0' Lt	3' C	030.07	033.15	4.0'	
A 52	550+71	DNT	40.0' Lt	3' C	030.07	033.25	4.0'	
A 53	500+55	DNT	40.0' Lt	3' C	035.30	031.47	4.0'	
A 54	500+01	DNT	40.0' Lt	3' C	035.20	031.34	4.0'	
A 55	501+50	DNT	40.0' Lt	0' C	033.00	029.10	4.0'	3' Ext.
A 56	501+50	DNT	40.0' Lt	0' C	032.31	028.29	4.0'	3' Ext.
A 57	002+10	DNT	40.0' Rt	3' C	031.40	027.54	4.0'	
A 58	003+00	DNT	40.0' Lt	0' C	028.20	024.30	4.0'	3' Ext.
A 59	504+13	DNT	3.0' Rt	M	025.30	020.41	5.0'	2 Grate
A 60	4+00	N.B.	2.0' Rt	10' CDR	022.20	018.20	4.0'	
A 61	00+05	N.B.	2.0' Rt	14' CDR	021.04	017.04	4.0'	
A 62	30+30	N.B.	2.0' Rt	10' CDR	021.77	017.77	4.0'	
A 63	30+00	N.B.	2.0' Rt	14' CDR	021.35	017.35	4.0'	
A 64	30+00	N.B.	10.5' Rt	14' CD	021.05	017.05	4.0'	
A 65	30+25	N.B.	2.0' Rt	10' CDR	019.30	015.30	4.0'	
A 66	007+25	DNT	3.0' Rt	M	022.44	018.00	4.0'	3 Grate
A 67	007+25	DNT	40.0' Lt	0' C	020.20	015.04	5.0'	
A 68	000+00	DNT	3.0' Rt	M	022.27	018.00	4.0'	3 Grate
A 69	000+00	DNT	40.0' Lt	0' C	020.00	015.00	4.5'	
A 70	44+00	S.D.	2.0' Lt	10' CDR	020.50	016.50	4.0'	
A 71	000+00	DNT	3.0' Rt	M	022.45	018.07	4.0'	1 Grate
A 72	000+00	DNT	40.0' Lt	0' C	020.30	016.00	4.5'	3' Ext.
A 73	37+00	S.B.	2.0' Lt	10' CDR	017.34	013.34	4.0'	
A 74	30+50	S.D.	2.0' Lt	10' CDR	017.11	013.11	4.0'	
A 75								Deleted
A 76	13+50	Belt Line	43.5' Lt	10' CDR	033.07	029.07	4.0'	
A 77	13+81	Belt Line	55.0' Rt	14' CDR	033.20	029.20	4.0'	
A 78	00+25	S.D.	2.0' Lt	10' CDR	031.12	027.20	4.0'	
A 79	05+30	S.D.	12.0' Lt	10' CD	030.70	020.70	4.0'	
A 80	05+15	S.D.	2.0' Lt	14' CDR	031.70	027.70	4.0'	
A 81	03+02	S.B.	30.0' Rt	3' C	033.07	029.15	4.0'	
A 82	02+75	S.D.	25.0' Lt	5' C&G	031.50	027.50	4.0'	3tn.
A 83	02+21	S.B.	33.0' Rt	10' CDR	033.04	029.04	4.0'	
A 84	79+20	S.D.	10.5' Lt	10' CD	037.50	033.50	4.0'	
A 85	0+00	BL-5	—	3' C	033.30	029.40	3.5'	
A 86	4+50	BL-5	—	0' C	033.21	029.29	4.0'	3' Ext.
A 87	3+50	BL-5	—	3' C	033.03	028.71	5.0'	
A 88	590+00	DNT	52.0' Lt	5' C&G	054.01	050.01	4.0'	3tn.

INLETS

CODE	LOCATION	DESCRIPTION	GUTTER ELEV	OUTLET F.L.	DEPTH	REMARKS		
A 1	74+14	S.D.	10.5' Lt	Y	037.20	032.00	4.5'	Special
A 2	71+50	S.D.	2.0' Lt	0' CDR	037.01	033.01	4.0'	
A 3	70+10	S.D.	2.0' Lt	0' CDR	036.01	032.01	4.0'	
A 4	09+35	S.D.	2.0' Lt	0' CDR	035.50	031.50	4.0'	
A 5	09+10	S.D.	20' Lt	Y	030.50	032.00	4.5'	Special
A 6	1+35	Quorum	2.0' Rt	10' CDR	035.00	031.00	4.0'	
A 7	1+00	Quorum	2.0' Lt	10' CDR	035.00	031.00	4.0'	
A 8	00+05	N.B.	2.0' Rt	10' CDR	033.31	029.31	4.0'	
A 9	03+50	N.B.	2.0' Rt	10' CDR	031.35	027.35	4.0'	
A 10	01+71	N.B.	5.0' Rt	14' CD	032.03	028.03	4.0'	
A 11	01+00	N.B.	2.0' Rt	10' CDR	031.04	027.04	4.0'	
A 12	01+20	N.B.	Driveway	14' CD	031.02	027.02	4.0'	
A 13	007+10	DNT	52' Lt	10' C&G	050.09	040.09	4.0'	5' Ext. 3tn.
A 14	007+00	DNT	52' Rt	10' C&G	050.47	040.47	4.0'	3' Ext. 3tn.
A 15	005+00	DNT	52' Lt	5' C&G	047.92	043.92	4.0'	3tn.
A 16	003+04	DNT	3.0' Lt	M	041.90	037.92	5.0'	2 Grate
A 17	02+15	S.D.	11.0' Lt	Grate	031.04	027.14	5.0'	1 Grate
A 18	01+20	S.D.	2.0' Lt	10' CDR	031.43	027.43	4.0'	
A 19	00+40	N.B.	2.0' Rt	10' CDR	030.30	026.30	4.0'	
A 20	002+00	DNT	52' Rt	10' C&G	032.34	028.34	4.0'	5' Ext. 3tn.
A 21	4+25	S.D.	10' Lt	0' C	033.30	029.30	4.0'	3' Ext.
A 22	079+00	DNT	3.0' Lt	M	029.00	020.02	4.0'	3 Grate
A 23	078+75	DNT	52' Rt	10' C	020.72	022.30	3.0'	7' Ext.
A 24	00+10	S.D.	2.0' Lt	10' CDR	029.39	025.39	4.0'	
A 25	0+75	N-SPV	—	0' C	029.49	023.57	6.0'	3' Ext.
A 26	077+00	DNT	3.0' Lt	M	027.70	024.10	4.0'	2 Grate
A 27	077+00	DNT	52' Rt	0' C	020.13	021.21	3.5'	5' Ext.
A 28	070+25	DNT	3.0' Lt	M	027.00	023.50	4.0'	2 Grate
A 29	070+00	DNT	52' Rt	0' C	025.00	021.00	4.0'	3' Ext.
A 30	070+25	DNT	52' Rt	0' C	025.00	021.00	4.0'	3' Ext.

LEGEND
 NOT IN THIS CONTRACT

△	Revise Inlet A-77	GRB	10-3-86
△	Revise Inlet A-17	GMO	10-24-86
△	Revise Manhole 9 Offset	WAP	6-17-85
△	Revise Inlet A-18	WAP	12-10-84
△	Revise Inlet A-82 - from 23' Lt to 25' Lt	KLJ	3-30-84
△	Revise Inlet A-10 - 5' to 6' Lt to 6' Lt	KLJ	3-30-84

TEXAS TURNPIKE AUTHORITY
 DALLAS NORTH TOLLWAY

DRAINAGE SUMMARY
 MANHOLES & INLETS

TurnerCollie & Braden Inc. SECTION VI
 Consulting Engineers

NO. _____ REVISION _____ BY _____ DATE _____

DESIGNED G.G.S. DATE _____
 DRAWN L.O. DATE 8-83
 CHECKED G.W.J. DATE 8-83 SCALE _____

CONTRACT NO. DNT-114 SHEET R44 OF R103

AS BUILT PLANS

INLETS

CODE	LOCATION	DESCRIPTION	GUTTER ELEV	OUTFALL F.L.	DEPTH	REMARK
A 89	522+02	DNT	52.0' Lt.	054.00	050.00	4.0'
A 90	534+15	DNT	40.0' Rt.	050.80	040.80	4.0'
A 91	534+15	DNT	30' Lt.	052.08	040.50	0.0'
A 92	533+00	DNT	40.0' Rt.	030.97	033.05	4.0'
A 93	533+00	DNT	3.0' Lt.	033.19	032.01	7.0'
A 94	601+00	DNT	40.0' Rt.	030.07	020.79	4.0'
A 95	601+00	DNT	3.0' Lt.	032.23	020.15	0.5'
A 96	8+05	S.B.	33.0' Lt.	030.15	032.23	4.0'
A 97	7+43	S.B.	42.0' Lt.	034.70	030.25	4.5'
A 98	602+05	DNT	3.0' Lt.	020.49	021.41	5.5'
A 99	602+05	DNT	40.0' Rt.	020.01	022.09	4.0'
A 100	0+50	SBL	-	039.27	039.27	4.0'
A 101	7+35	SBL	-	034.94	031.02	4.0'
A 102	8+05	SBL	-	034.11	030.19	4.5'
A 103	9+00	SBL	43.0' Rt.	033.10	029.24	4.0'
A 104	11+25	SBL	27.0' Rt.	032.21	028.29	4.0'
A 105	77+90	N.B.	2.0' Rt.	031.47	027.47	4.0'
A 106	02+20	N.B.	2.0' Rt.	028.73	024.73	4.0'
A 107	04+05	N.B.	2.0' Rt.	020.72	022.72	4.0'
A 108	003+25	DNT	40.0' Rt.	024.32	020.40	4.0'
A 109	003+25	DNT	3.0' Lt.	024.40	019.82	5.0'
A 110	004+35	DNT	40.0' Lt.	019.93	010.01	4.0'
A 111	004+35	DNT	3.0' Rt.	020.57	015.49	5.5'
A 112	003+00	DNT	40.0' Lt.	007.12	003.20	4.0'
A 113	003+00	DNT	3.0' Rt.	009.34	002.70	7.0'
A 114	003+30	DNT	40.0' Lt.	005.01	001.09	4.0'
A 115	003+05	DNT	40.0' Lt.	005.55	001.03	4.0'
A 116	010+00	DNT	40.0' Lt.	005.59	001.07	4.0'
A 117	003+35	DNT	3.0' Rt.	007.20	001.12	0.0'
A 118	015+50	DNT	40.0' Rt.	010.24	012.32	4.0'
A 119	015+50	DNT	3.0' Rt.	017.24	011.00	0.0'
A 120	014+35	DNT	40.0' Rt.	013.41	009.49	4.0'
A 121	014+35	DNT	3.0' Rt.	013.50	008.88	5.5'
A 122	013+75	DNT	40.0' Rt.	011.31	007.59	4.0'
A 123	013+75	DNT	3.0' Rt.	012.17	007.59	5.0'
A 124	012+10	DNT	40.0' Rt.	007.97	004.05	4.0'
A 125	012+10	DNT	3.0' Rt.	008.53	003.45	5.5'
A 126	010+05	DNT	3.0' Rt.	007.21	002.13	5.5'
A 127	010+30	DNT	3.0' Rt.	007.15	001.57	0.0'
A 128	35+70	S.B.	2.0' Lt.	025.90	021.90	4.0'
A 129	30+75	S.B.	2.0' Lt.	022.88	018.88	4.0'
A 130	013+00	DNT	3.0' Lt.	021.70	018.12	4.0'
A 131	013+00	DNT	40.0' Rt.	020.70	010.70	4.0'
A 132	30+40	N.B.	2.0' Rt.	021.93	017.93	4.0'
A 133	37+00	N.B.	2.0' Rt.	021.02	017.02	4.0'
A 134	5+00	BL-N	-	021.35	017.43	4.0'
A 135	020+50	DNT	40.0' Rt.	021.77	017.85	4.0'
A 136	021+30	DNT	40.0' Rt.	021.17	017.25	4.0'
A 137	7+50	BL-N	-	019.10	015.24	4.0'
A 138	100+40	N.B.	2.0' Rt.	019.35	015.35	4.0'
A 139	103+00	N.B.	2.0' Rt.	017.00	013.00	4.0'
A 140	107+05	N.B.	13.0' Rt.	016.40	012.40	4.0'
A 141	112+50	N.B.	2.0' Rt.	011.84	007.84	4.0'
A 142	114+70	N.B.	2.0' Rt.	010.87	006.87	4.0'
A 143	113+40	N.B.	2.0' Rt.	010.57	006.57	4.0'
A 144	020+75	DNT	40.0' Lt.	021.99	018.07	4.0'
A 145	021+50	DNT	40.0' Lt.	020.97	017.05	4.0'
A 146	022+40	DNT	40.0' Lt.	019.71	015.79	4.0'
A 147	023+50	DNT	40.0' Lt.	017.53	013.61	4.0'
A 148	101+25	S.B.	2.0' Lt.	017.08	013.08	4.0'
A 149	102+21	S.B.	40.0' Lt.	017.67	613.67	4.0'
A 150	102+70	S.B.	2.0' Lt.	010.57	012.57	4.0'
A 151	5+05 S. @ Arapaho	134' Rt.	10' CD	013.30	009.30	4.0'
A 152	110+70	S.B.	2.0' Lt.	012.75	008.75	4.0'
A 153	114+50	S.B.	2.0' Lt.	011.10	007.10	4.0'
A 154	023+50	DNT	32.0' Rt.	017.34	013.42	4.0'
A 155	024+00	DNT	32.0' Rt.	014.41	010.41	4.0'
A 156	024+70	DNT	40.0' Lt.	014.30	010.30	4.0'
A 157	025+15	DNT	32.0' Rt.	012.94	008.94	4.0'
A 158	020+00	DNT	40.0' Lt.	009.81	005.89	4.0'
A 159	020+50	DNT	3.0' Rt.	008.05	004.47	4.0'
A 160	4+35	N-BL	-	590.02	592.02	4.0'
A 161	028+70	DNT	44.05' Lt.	597.71	592.29	5.5'
A 162	-	-	-	-	-	-
A 163	029+75	DNT	44.0' Rt.	595.84	591.20	5.0'

INLETS

CODE	LOCATION	DESCRIPTION	GUTTER ELEV	OUTFALL F.L.	DEPTH	REMARK
A 104	2+00 Ramp N-BL	10' C&G	590.05	590.05	4.0'	
A 105	034+25	DNT	41.5' Lt.	590.00	592.74	4.0'
Δ A 106	034+25	DNT	4.5' Rt.	599.00	581.08	5.0'
A 107	035+31	DNT	41.5' Lt.	590.21	592.29	4.0'
Δ A 108	035+30	DNT	4.5' Rt.	597.09	582.51	5.0'
A 109	030+00	DNT	41.5' Lt.	595.98	592.00	4.0'
Δ A 170	030+01	DNT	4.5' Rt.	590.79	582.21	5.0'
A 171	030+31	DNT	41.5' Lt.	590.20	592.30	4.0'
Δ A 172	037+10	DNT	4.5' Rt.	590.89	582.31	5.0'
A 173	040+00	DNT	41.5' Rt.	591.30	597.33	4.0'
A 174	040+00	DNT	4.5' Lt.	592.58	597.60	0.0'
A 175	039+00	DNT	41.5' Rt.	588.85	585.83	4.0'
A 176	038+00	DNT	4.5' Lt.	589.67	594.50	5.5'
A 177	035+40	DNT	41.5' Rt.	596.04	594.12	4.0'
A 178	035+40	DNT	4.5' Lt.	593.41	583.33	5.5'
A 179	0+45.0 Spectrum	33.5' Lt.	10' CDR	025.18	021.18	4.0'
A 180	0+45.0 Spectrum	33.5' Rt.	10' CDR	025.22	020.72	4.5'
A 181	5+90 S. @ Arapaho	--	10' CD	013.35	009.35	4.0'
A 182	0+10 N. @ Arapaho	Lt.	10' CD	013.05	009.05	4.0'

LEGEND
NOT IN THIS CONTRACT

* Sheet 2 of 2

STORM SEWER & LATERALS M.H. No. 22 TO M.H. No. 23	GGS	5/84
NO.	REVISION	BY DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

DRAINAGE SUMMARY
INLETS

Turner Collie & Braden Inc.
Consulting Engineers

SECTION VI	
DRAWN L.O. DATE 8-83	DESIGNED GGS DATE
CHECKED GWJ. DATE 8-83	SCALE

AS BUILT PLANS

STORM SEWER PIPE

CODE	FROM	TO	SIZE (in.)	LENGTH (L.F.)	TYPE	REMARKS	CODE	FROM	TO	SIZE (in.)	LENGTH (L.F.)	TYPE	REMARKS	CODE	FROM	TO	SIZE (in.)	LENGTH (L.F.)	TYPE	REMARKS		
P-1	A-1	P-200	30	18	CL III	Full pipe	P-64	A-64	C-2	21	27	CL III	"T" Conn.	P-134	A-134	P-226	21	6	CL III	"Y" Conn.		
P-1a	Exist. 21"	P-200	21	25	CL III	"Y" Conn.	P-65	A-65	C-2	21	22	CL III	"T" Conn.	P-135	A-135	A-136	15	80	CL III			
P-2	A-2	P-201	21	10	13.8	CL III	"Y" Conn.	P-66	A-66	A-67	15	41	CL III	"T" Conn.	P-136	A-136	A-137	15	123	CL III		
P-3	A-3	P-201	21	16	19.0	CL III	"Y" Conn.	P-67	A-67	A-69	21	57	CL III	"T" Conn.	P-137	A-137	P-226	15	27	CL III	"Y" Conn.	
P-4	A-4	P-201	21	16	19.0	CL III	"Y" Conn.	P-68	A-68	A-69	15	41	CL III	"T" Conn.	P-138	A-138	P-226	21	23	22.0	CL III	"Y" Conn.
P-5	A-5	P-201	21	40	CL III	"Y" Conn.	P-69	A-69	P-206	21	41	CL III	"Y" Conn.	P-138a	Exist. 18"	P-227	18	12	CL III	"Y" Conn.		
P-6	A-6	Exist. 24"	21	4	70.0	CL III		P-70	A-70	P-206	21	42	CL III	30° Bend	P-139	A-139	M.H.#15	21	20	25.5	CL III	"Y" Conn.
P-7	A-7	Exist. 24"	21	74	70.0	CL III		P-71	A-71	A-72	15	41	CL III	"Y" Conn.	P-140	A-140	P-227	21	40	CL III	"Y" Conn.	
P-8	A-8	P-203	21	92	CL III		P-72	A-72	P-206	18	41	CL III	"Y" Conn.	P-141	A-141	M.H.#16	21	21	27.5	CL III	"Y" Conn.	
P-9	A-9	P-203	21	21	20.5	CL III	"Y" Conn.	P-73	A-73	P-207	21	17	CL III	"Y" Conn.	P-142	A-142	P-227	21	23	24.0	CL III	"Y" Conn.
P-10	A-10	A-11	21	5	CL III		P-74	A-74	P-208	21	17	CL III	"Y" Conn.	P-143	A-143	P-227	21	23	30.0	CL III	"Y" Conn.	
P-11	A-11	P-204	21	21	36.0	CL III	"Y" Conn.	P-75					Deleted	P-144	A-144	A-145	15	74	72.0	CL III		
P-12	A-12	P-12a	21	6	6.5	CL III	"Y" Conn.	P-76	A-76	P-210	21	724	120.5	CL III	P-145	A-145	A-146	15	91	CL III		
P-12a	P-12	M.H.#3	24	105	106.5	CL III	45° Bend	P-77	A-77	P-210	21	110	125.5	CL III	P-146	A-146	A-147	15	110	113.0	CL III	
P-13	A-13	A-14	15	364	CL III	90° Bend	P-78	A-78	P-211	21	10	45.5	CL III	P-147	A-147	P-148	15	66	47.0	CL III	"Y" Conn.	
P-14	A-14	P-13	15	53	50.0	CL III	"T" Conn.	P-79	A-79	P-212	21	27	45.5	CL III	P-148	A-148	P-228	21	98	127.5	CL III	30° Bend
P-15	A-15	P-13	15	53	CL III	"T" Conn.	P-80	A-80	P-212	21	18	50.0	CL III	P-149	A-149	P-228	21	48	CL III	"Y" Conn.		
P-16	A-16	M.H.#4	15	42	40.0	CL III		P-81	A-81	P-214	15	29	22.5	CL III	P-150	A-150	M.H.#17	21	13	CL III		
P-16a	Exist. 42"	M.H.#3	42	116	CL III		P-82	A-82	P-214	15	40	92.0	CL III	P-151	A-151	P-229	21	64	71.0	CL III	"T" Conn.	
P-17	A-17	Exist. 24"	12	2	Deleted	CL III	P-83	A-83	P-214	21	26	30.0	CL III	P-152	A-152	M.H.#19	21	12	CL III			
P-18	A-18	Exist. 92"	18	25	CL III		P-84	A-84	P-217	15	23	CL III	"Y" Conn.	P-153	A-153	M.H.#20	21	12	CL III			
P-19	A-19	P-204	21	22	22.5	CL III	"Y" Conn.	P-85	A-85	P-218	15	40	CL III	"T" Conn.	P-154	A-154	A-159	15	357	334.5	CL III	90° Bend
P-20	A-20	P-204	15	31	34.0	CL III	"Y" Conn.	P-86	A-86	A-87	15	96	78.0	CL III	P-155	A-155	P-154	15	48	CL III	"T" Conn.	
P-21	A-21	A-22	15	130	127.5	CL III		P-87	A-87	A-85	15	44	62.0	CL III	P-156	A-156	P-154	15	54	CL III	"T" Conn.	
P-22	A-22	A-23	15	58	60.0	CL III		P-88	A-88	A-91	15	323	CL III	P-157	A-157	P-154	15	48	CL III	"T" Conn.		
P-23	A-23	P-205	21	53	55.5	CL III	"Y" Conn.	P-89	A-89	P-220	15	53	CL III	"T" Conn.	P-158	A-158	P-154	15	54	CL III	"T" Conn.	
P-24	A-24	A-25	21	78	CL III		P-90	A-90	A-91	15	42	CL III		P-159	A-159	P-231	18	24	207.5	CL III		
P-25	A-25	A-27	21	148	CL III		P-91	A-91	A-93	15	417	CL III		P-160	A-160	A-161	15	22	21.0	CL III		
P-26	A-26	P-25	15	31	35.0	CL III	"Y" Conn.	P-92	A-92	A-93	15	42	CL III		P-161	A-161	P-232	18	46	CL III	"T" Conn.	
P-27	A-27	C-1	24	52	CL III	"Y" Conn.	P-93	A-93	A-95	18	193	CL III		P-162						Deleted		
P-28	A-28	A-29	15	59	58.5	CL III		P-94	A-94	A-95	15	42	CL III		△ P-163	A-163	P-160	24	439	CL III	2-15" Bends	
P-29	A-29	C-1	15	58	CL III	"Y" Conn.	P-95	A-95	P-219	18	47	CL III		P-164	A-164	M.H.#22	18	44	CL III	"T" Conn.		
P-30	A-30	C-1	15	47	CL III	"T" Conn.	P-96	A-96	A-97	15	111	110.0	CL III	△ P-165	A-165	P-232	15	32	CL III			
P-31	A-31	C-1	15	47	CL III	"T" Conn.	P-97	A-97	P-219	15	63	CL III	"Y" Conn.	△ P-166	A-166	P-232	15	12	CL III			
P-32	A-32	C-1	21	12	10.0	CL III	"Y" Conn.	P-98	A-98	P-218	15	30	CL III	"T" Conn.	△ P-167	A-167	P-232	15	32	CL III		
P-33	A-33	A-34	15	58	CL III		P-99	A-99	A-98	15	41	CL III		△ P-168	A-168	P-232	15	12	10.5	CL III		
P-34	A-34	A-35	15	25	28.0	CL III		P-100	A-100	A-101	15	135	CL III		△ P-169	A-169	P-232	15	32	CL III		
P-35	A-35	A-36	15	51	54.0	CL III		P-101	A-101	A-102	15	333	337.0	CL III	△ P-170	A-170	P-232	15	12	CL III		
P-36	A-36	C-1	15	39	CL III	"T" Conn.	P-102	A-102	A-103	15	19	17.0	CL III	△ P-171	A-171	P-232	15	32	33.0	CL III		
P-37	A-37	A-38	15	55	58.0	CL III		P-103	A-103	A-104	15	15	CL III		△ P-172	A-172	P-232	15	12	CL III		
P-37a	A-37a	A-37	21	15	94	90.3	CL III	P-104	A-104	P-218	15	19	11.5	CL III								
P-38	A-38	A-39	15	57	56.5	CL III		P-105	A-105	P-104	18	35	CL III	"T" Conn.	P-173	A-173	A-174	15	44	CL III		
P-39	A-39	A-40	15	21	57	CL III		P-105A	P-101	P-218	18	130	127.0	CL III	P-174	A-174	A-176	15	92	CL III		
P-40	A-40	A-41	15	21	57	CL III		P-106	A-106	P-221	18	17	16.5	CL III	P-175	A-175	A-176	15	44	CL III		
P-40a	A-40a	A-40	21	15	49	49.5	CL III	P-107	A-107	P-221	21	282	264.0	CL III	P-176	A-176	A-178	15	56**	CL III	* 8 L.F. 15" (This Contract); 48 L.F. 15" (By Others)	
P-41	A-41	C-1	18	24	151	155.0	CL III	P-108	A-108	A-109	15	41	CL III	P-177	A-177	A-178	15	44***	CL III			
P-42	A-42	P-41	15	50	47.0	CL III	"Y" Conn.	P-109	A-109	A-111	15	104	CL III	P-178	A-178	M.H.#23	15	61***	CL III	*** (By Others)		
P-43	A-43	P-41	15	33	CL III		P-110	A-110	A-111	15	41	CL III	P-179	A-179	A-180	21	65	68.3	CL III			
P-44	A-44	C-1	21	44	44.3	CL III	"T" Conn.	P-111	A-111	A-113	15	359	CL III	P-180	A-180	Exist. 24"	21	28	CL III			
P-45	A-45	C-1	15	16	31.0	CL III	"T" Conn.	P-112	A-112	A-113	15	41	36.0	CL III	P-181	A-181	Exist. 54"	21	25	31.0	CL III	
P-45a	Exist. 21"	C-2	21	12	9.5	CL III		P-113	A-113	M.H.#9	15	147	CL III	P-182	A-182	Exist. 60"	21	36	35.0	CL III		
P-46	A-46	C-2	21	22	CL III	"T" Conn.	P-114	A-114	P-113	15	41	CL III	P-200	P-1	P-201	33	256	294.5	CL III	Full pipe		
P-47	A-47	C-2	21	22	CL III	"T" Conn.	P-115	A-115	M.H.#9	15	42	44.0	CL III	P-201	Exist. Inlet	M.H.#1	21	160	Deleted	CL III		
P-47a	Exist. 27"	C-2	21	12	CL III		P-116	A-116	A-117	15	42	CL III	P-202	Exist. Inlet	M.H.#1	21	767	787.5	CL III			
P-48	A-48	C-2	21	22	CL III	"T" Conn.	P-117	A-117	M.H.#9	24	38	40.0	CL III	P-203	M.H.#1	P-204	48	527	519.0	CL III		
P-49	A-49	A-50	15	576	CL III	90° Bend	P-118	A-118	A-119	15	41	CL III	P-204	P-203	P-205	54				* Sheet 1 of 2		
P-50	A-50	P-49	15	41	CL III	"T" Conn.	P-119	A-119	A-121	15	109	CL III										
P-51	A-51	P-49	15	41	CL III	"T" Conn.	P-120	A-120	A-121	15	41	CL III										
P-52	A-52	P-49	15	41	CL III	"T" Conn.	P-121	A-121	A-123	15	55	CL III										
P-53	A-53	P-49	15	41	CL III	"T" Conn.	P-122	A-122	A-123	15	41	CL III										
P-54	A-54	P-49	15	41	CL III	"T" Conn.	P-123	A-123	A-125	15	160	CL III		</								

STORM SEWER PIPE

CODE	FROM	TO	SIZE (In.)	LENGTH (L.F.)	TYPE	REMARKS
P-205	P-204	C-1	60	175	182.0 CL III	Pull pipe
P-206	P-207	P-208	33	74	CL III	
P-207	P-206	P-208	36	50	CL III	
P-208	P-207	Exist. 10x5'	48	181	CL III	
P-209						Deleted
P-210	P-77	P-211	24	246	261.8 CL III	
P-211	P-210	M.H.#8	30	57	73.5 CL III	
P-212	M.H.#8	P-214	48	99	177.0 CL III	
P-213	Drain	P-214	15	94	16 Ga.	C.M.P.
P-214	P-212	M.H.#7	54	283	282.5 CL III	
P-215	M.H.#5	M.H.#6	27	256	251.5 CL III	
P-216						Deleted
P-217	M.H.#6	M.H.#7	36	163	178.5 CL III	
P-218	M.H.#7	Exist. 66"	66	527	427.0 CL III	
P-219	P-95	P-218	21	80	74 CL III	
P-220						Deleted
P-221	P-107	P-218	24	299	288.2 CL III	
P-222	M.H.#9	Exist. 72"	36	143	1425.3 CL III	1074 L.F. 36" R.C.P. Installed By Jacking And Boring
P-223	Exist. 15"	M.H.#14	21	433	370.1 CL III	
P-224	Exist. 33"	M.H.#14	33	50	CL III	
P-225	Exist. 24"	M.H.#14	54	194	193.4 CL III	
P-226	M.H.#14	P-227	24/60	190	498 477.3 CL III	
P-227	P-226	2-8x8' B.C.	66	1867	1761.0 CL ***	1861 L.F. 66" (This Contract); 6 L.F. 66" (By Others)
P-228	P-148	M.H.#17	27	58	58.5 CL III	
P-229	M.H.#17	M.H.#19	33	800	799 CL III	
P-230	M.H.#19	2-8x8' B.C.	36	925	667.0 CL ***	919 L.F. 36" (This Contract); 6 L.F. 36" (By Others)
P-231	P-159	A-163	24	96	98.5 CL III	
P-232	M.H.#23	M.H.#27	33	1680	484.0 CL IV	1672 L.F. 33" R.C.P. Installed By Jacking And Boring
P-233	M.H.#27	Type B Hdw.	30	38	0 CL III	
C-1	P-205	C-2	8x5' B.C.	723		30° Bend, Precast
C-2	C-1	Exist. 10x5	10x5' B.C.	1345	****	2-30° Bends, Precast
*** 1746 L.F. CL III, 115 L.F. CL IV						
*** 804 L.F. CL III, 115 L.F. CL IV						
**** 490 L.F. Contract No. DNT-114						
**** 855 L.F. Contract No. DNT-113 By Others						
△ P-232	P-163	M.H.#23	33	375	CL III	

LEGEND
NOT IN THIS CONTRACT

* Sheet 2 of 2

△	Asbuilts	RJ	10-22-87
△	STORM SEWER & LATERALS FROM M.H. No. 22 TO M.H. No. 23	GGS	5/84
NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

DRAINAGE SUMMARY
PIPE LISTING

Turner Collie & Braden Inc. SECTION VI
Consulting Engineers

DRAWN	J.B.L.	DATE	8-83	DESIGNED	J.B.L.	DATE	8-83
CHECKED	G.G.S.	DATE	8-83	SCALE			

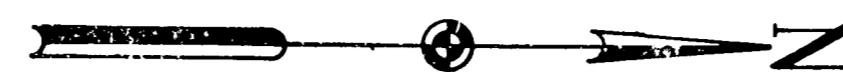
CONTRACT NO. DNT-114 SHEET R47 OF R103

AS BUILT PLANS

PARVAL, INC.

HENRY BUTTS, JR.

S. FINLEY EWING, JR.

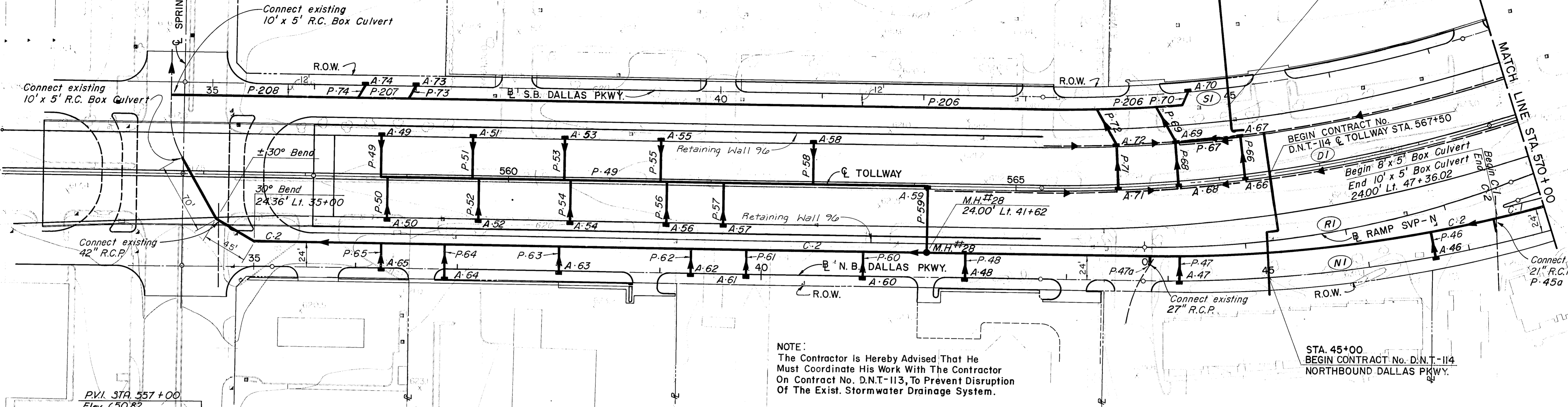


CONTRACT No. D.N.T.-113 BY OTHERS
BEGIN CONTRACT No. D.N.T.-114

STA. 45+00
BEGIN CONTRACT No. D.N.T.-114
SOUTHBOUND DALLAS PKWY.

BEGIN CONTRACT No. D.N.T.-114 & TOLLWAY STA. 567+50
Begin 8' x 5' Box Culvert
End 10' x 5' Box Culvert
2400' Lt. 47+36.02

STA. 45+00
BEGIN CONTRACT No. D.N.T.-114
NORTHBOUND DALLAS PKWY.



NOTE:
The Contractor is hereby advised that he must coordinate his work with the contractor on contract No. D.N.T.-113, to prevent disruption of the exist. stormwater drainage system.

P.V.I. STA. 557+00
Elev. 650.82

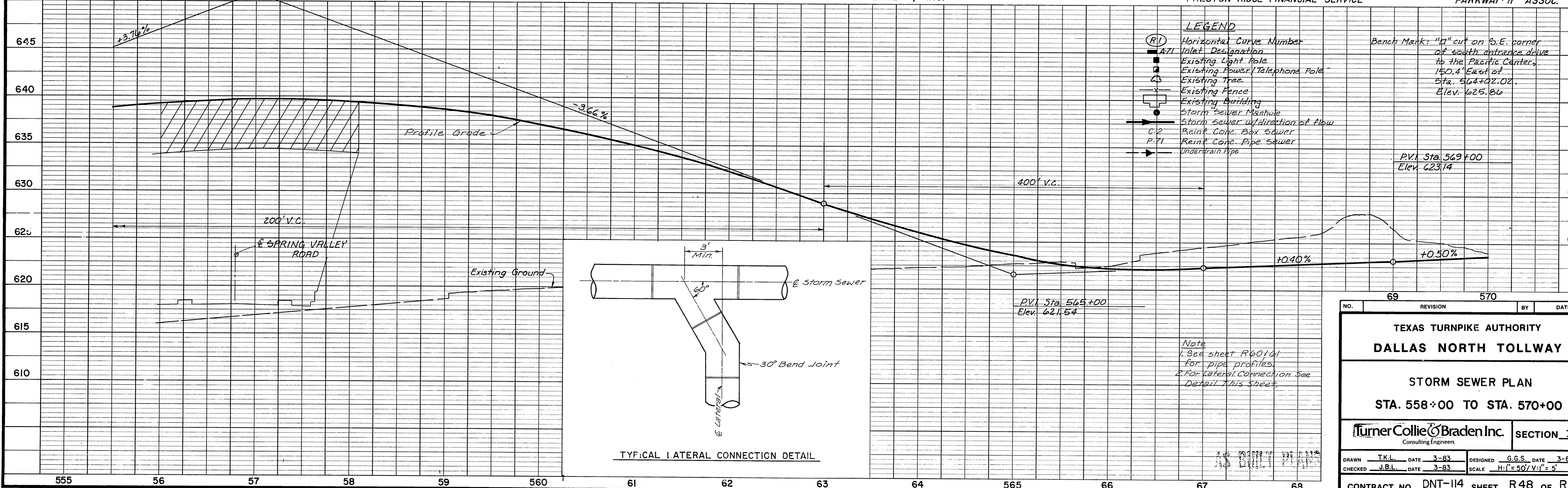
EXXON CORPORATION

DALE BULLOUGH & SAM McGLASSON

DEFENDER, INC.

PRESTON RIDGE FINANCIAL SERVICE

PARKWAY II ASSOC.



- LEGEND**
- (R1) Horizontal Curve Number
 - A71 Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole
 - Storm Sewer w/direction of flow
 - C-2 Reinf. Conc. Box Sewer
 - P-71 Reinf. Conc. Pipe Sewer
 - Underdrain Pipe

Bench Mark: "1" cut on S.E. corner of south entrance drive to the Pacific Center, 150.4' East of Sta. 564+02.02, Elev. 625.86

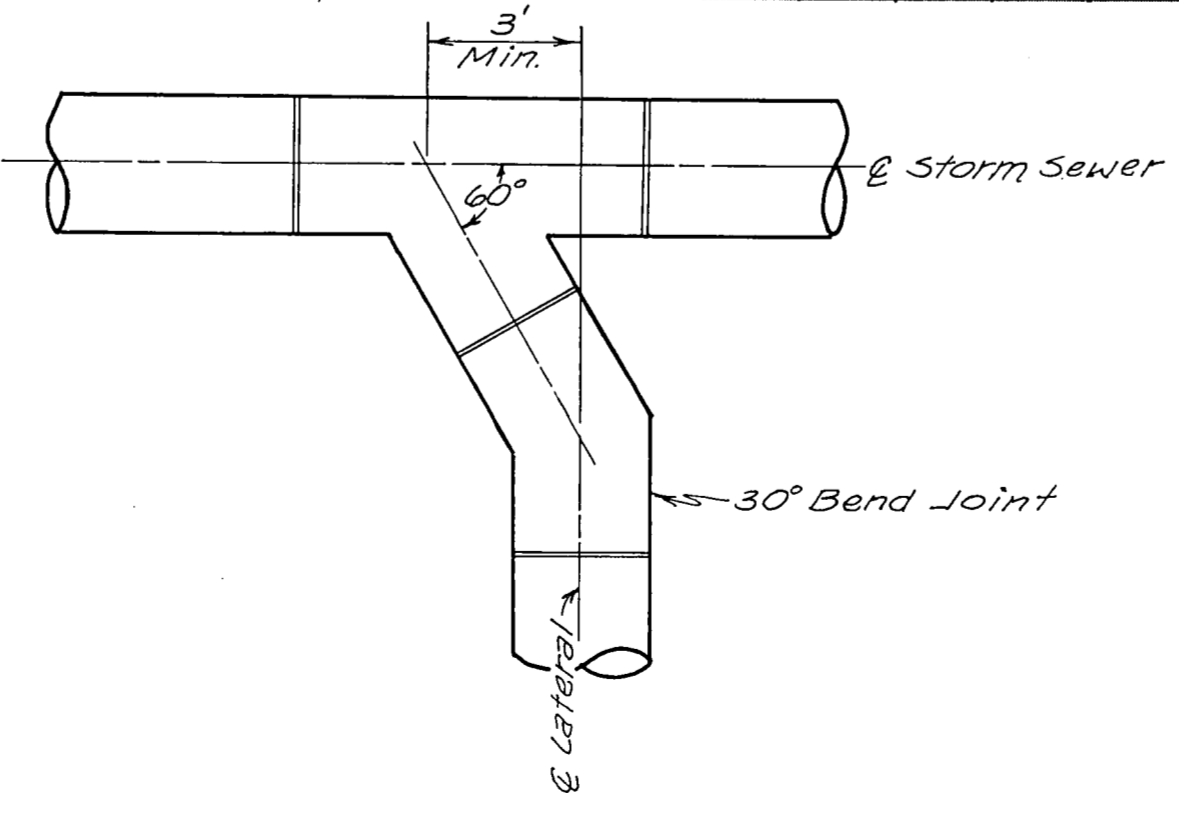
P.V.I. Sta. 569+00
Elev. 623.14

400' V.C.

200' V.C.

SPRING VALLEY ROAD

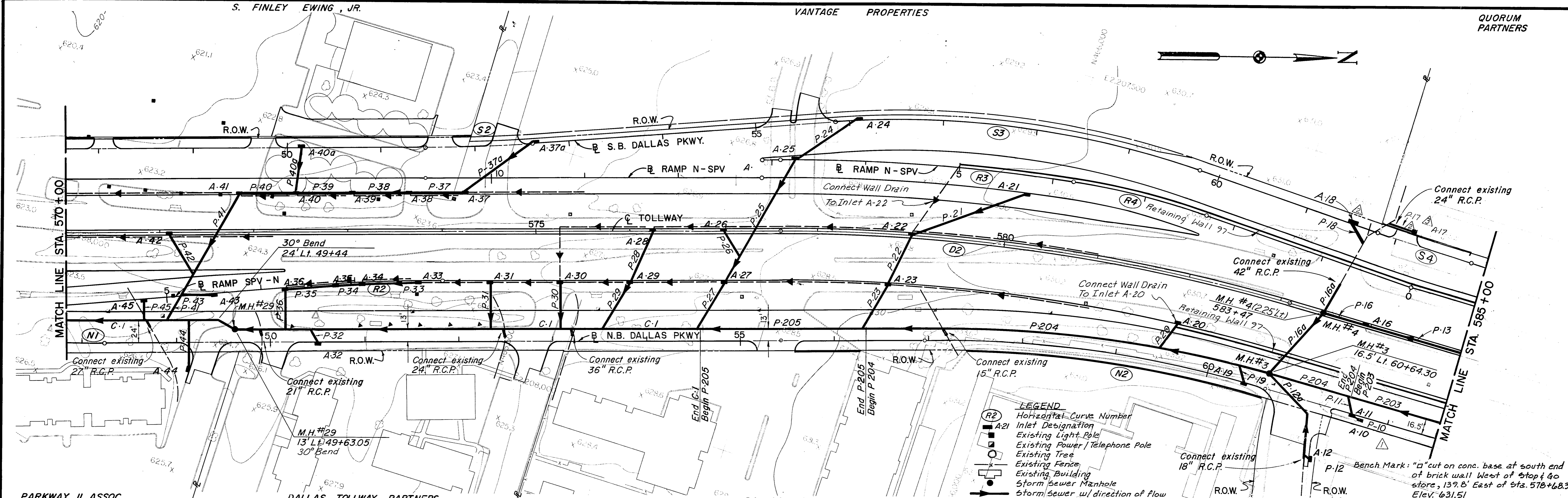
Existing Ground



TYPICAL LATERAL CONNECTION DETAIL

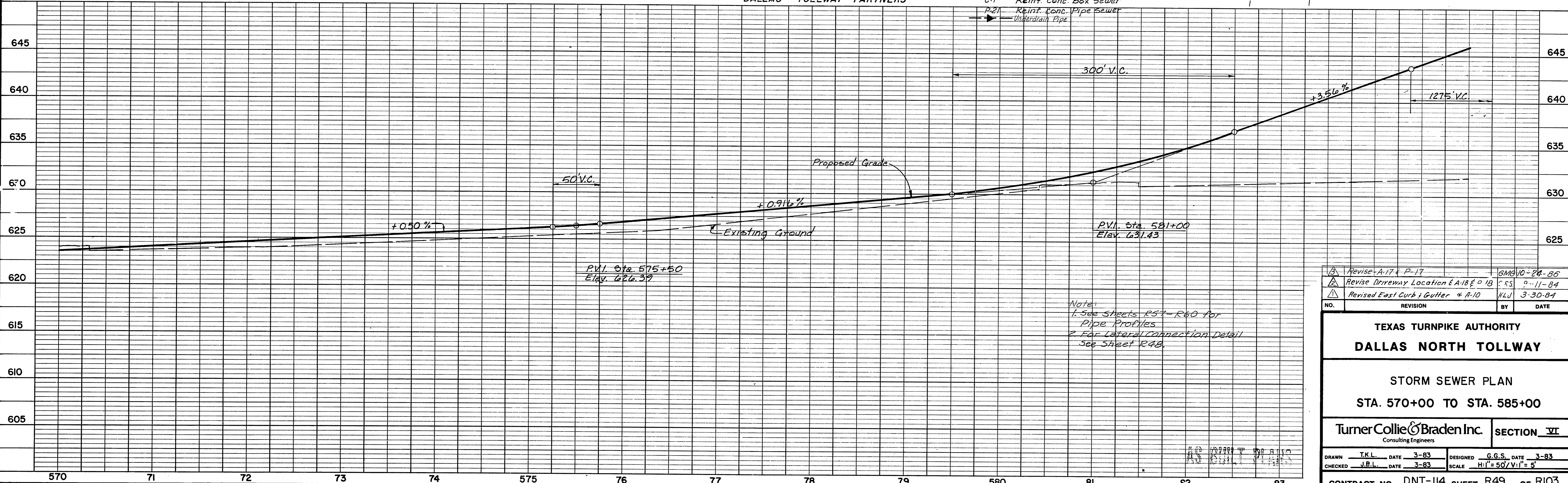
Note
1. See sheet R601d1 for pipe profiles.
2. For lateral connection see Detail this sheet.

NO.	69	REVISION	570	BY	DATE
TEXAS TURNPIKE AUTHORITY					
DALLAS NORTH TOLLWAY					
STORM SEWER PLAN					
STA. 558+00 TO STA. 570+00					
Turner Collie & Braden Inc. Consulting Engineers				SECTION VI	
DRAWN	T.K.L.	DATE	3-83	DESIGNED	G.G.S. DATE 3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:V = 50'/1" = 5'
CONTRACT NO. DNT-114 SHEET R48 OF R103					



LEGEND

- (R2) Horizontal Curve Number
- A21 Inlet Designation
- Existing Light Pole
- Existing Power / Telephone Pole
- Existing Tree
- Existing Fence
- Existing Building
- Storm Sewer Manhole
- Storm Sewer w/ direction of flow
- Reint. Conc. Box Sewer
- P-21 Reint. Conc. Pipe Sewer
- Underdrain Pipe



Note:
 1. See Sheets R57-R60 for Pipe Profiles
 2. For Lateral Connection Detail See Sheet R48.

NO.	REVISION	BY	DATE
1	Revise A-17 & P-17		6/10/84
2	Revise Driveway Location & A-18 & P-18		9-11-84
3	Revised East Curb & Gutter & A-10		3-30-84

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

STORM SEWER PLAN
STA. 570+00 TO STA. 585+00

TurnerCollie & Braden Inc. Consulting Engineers **SECTION VI**

DRAWN	T.K.L.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1"=50'/V:1"=5'		

CONTRACT NO. DNT-114 SHEET R49 OF R103

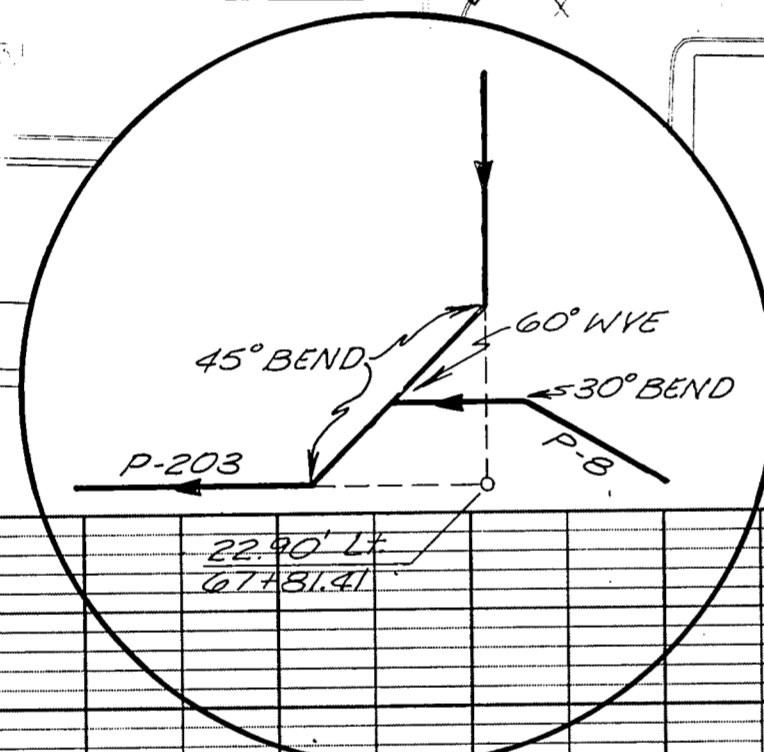
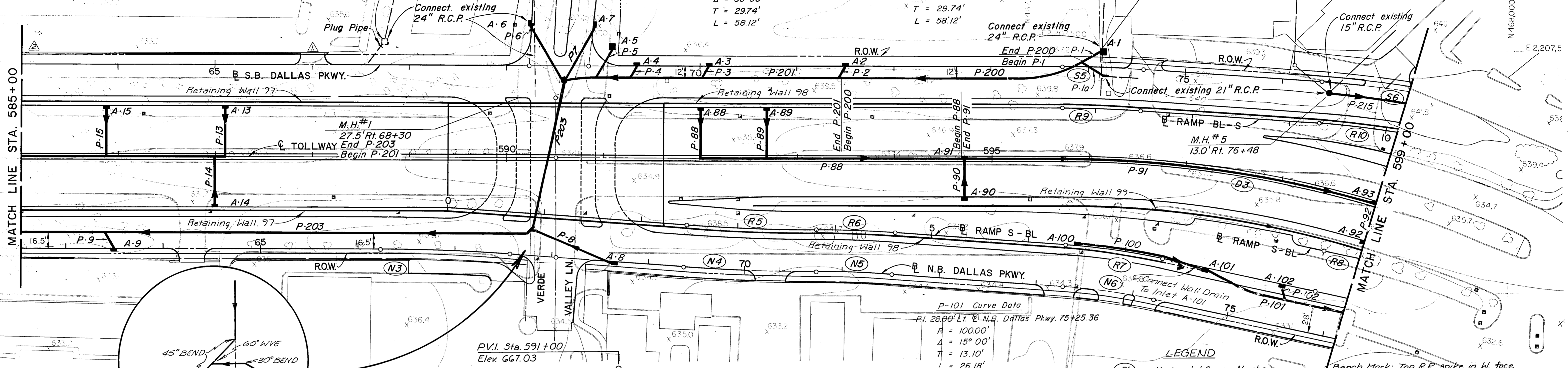
Connect P-202 to existing inlet. No separate payment will be made for connection to existing inlet.

P-201 Curve Data
 P.I. 12.00' Rt. @ S.B. Dallas Pkwy. 68+56.85
 R = 111.00'
 Δ = 30°00'
 T = 29.74'
 L = 58.12'

P-200 Curve Data
 P.I. 12.00' Rt. @ S.B. Dallas Pkwy. 73+63.78
 R = 111.00'
 Δ = 30°00'
 T = 29.74'
 L = 58.12'

P-101 Curve Data
 P.I. 28.00' Lt. @ N.B. Dallas Pkwy. 75+25.36
 R = 100.00'
 Δ = 15°00'
 T = 13.10'
 L = 26.18'

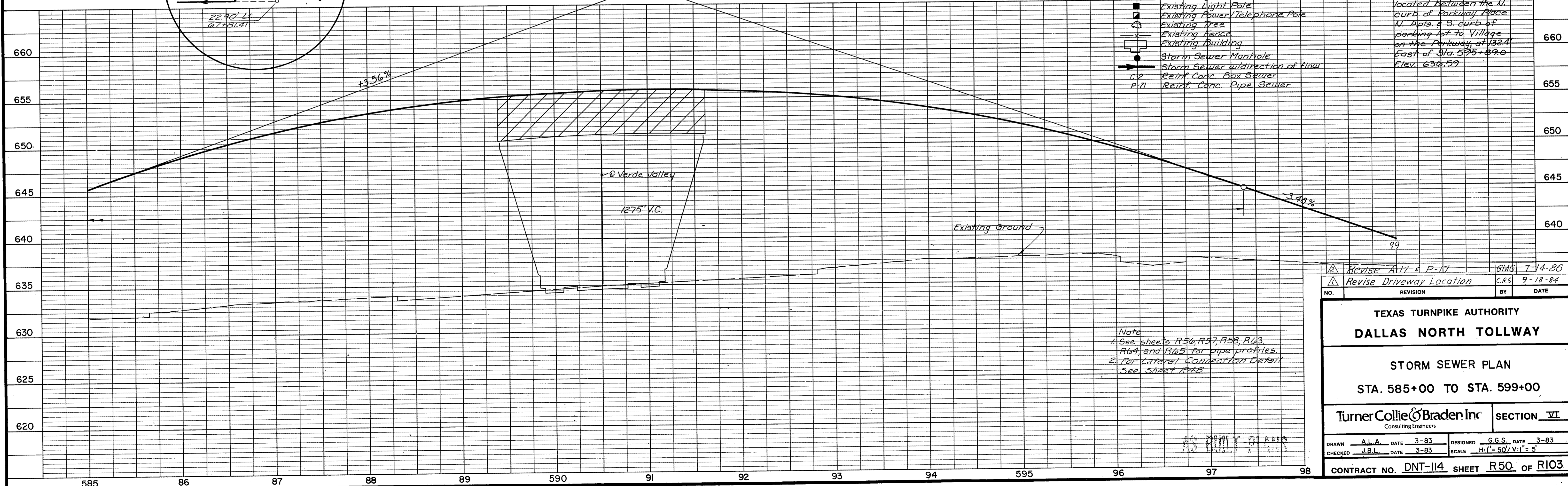
End P.I. 17.00' Lt. 74+14.00



P.V.I. Sta. 591+00
 Elev. 667.03

- LEGEND**
- (R1) Horizontal Curve Number
 - A71 Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole
 - Storm Sewer (direction of flow)
 - C2 Reinf. Conc. Box Sewer
 - P-71 Reinf. Conc. Pipe Sewer

Bench Mark: Top R.R. spike in W. face of transformer pole located between the N. curb of Parkway Place N. Apts. & S. curb of parking lot to Village on the Parkway at 132A East of Sta. 595+89.0 Elev. 636.59



Note
 1. See sheets R56, R57, R58, R63, R64, and R65 for pipe profiles.
 2. For Lateral Connection Details See Sheet R48

NO.	REVISION	BY	DATE
1	Revise A71 & P-17	GMO	7-14-86
2	Revise Driveway Location	C.R.S.	9-18-84

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

STORM SEWER PLAN
 STA. 585+00 TO STA. 599+00

TurnerCollieBraden Inc
 Consulting Engineers

SECTION VI

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1" = 50'	V:1" = 5'	

CONTRACT NO. DNT-114 SHEET R50 OF R103

HOTEL INVESTORS TRUST

FIRST TEXAS SAVINGS ASSOC.

PLAZA AT THE QUORUM ASSOC.

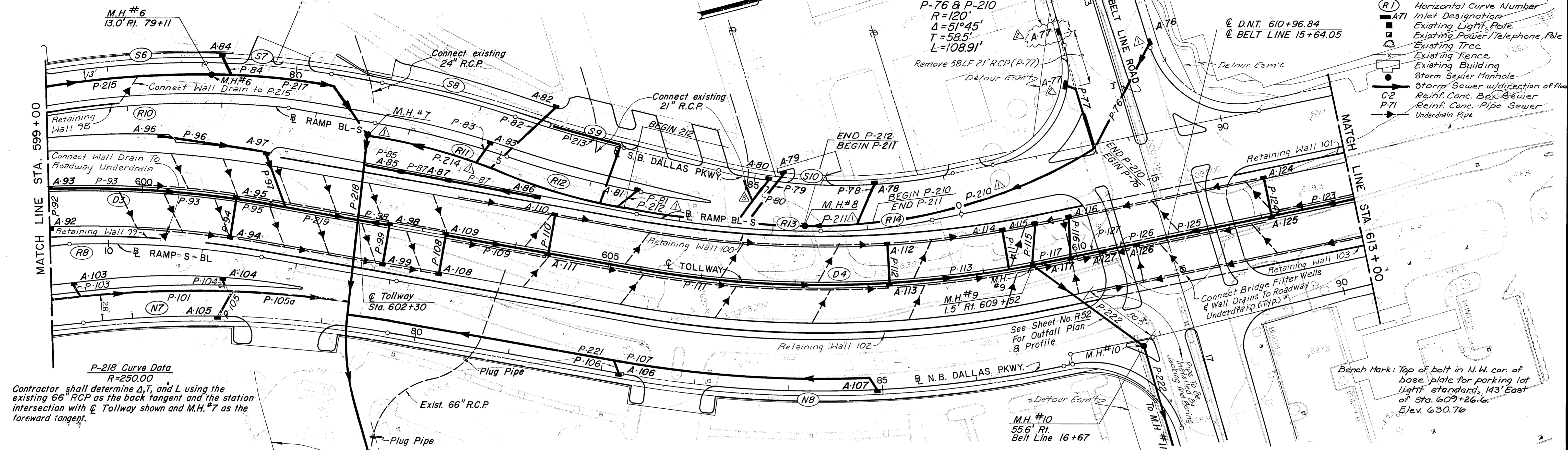
Remove Previously Constructed Inlet

Storm Sewer Curve Data
P-76 & P-210
R=120'
Δ=51°45'
T=58.5'
L=108.91'

- LEGEND**
- (R1) Horizontal Curve Number
 - ▲ A71 Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole
 - Storm Sewer w/direction of flow
 - Reinf. Conc. Box Sewer
 - Reinf. Conc. Pipe Sewer
 - Underdrain Pipe

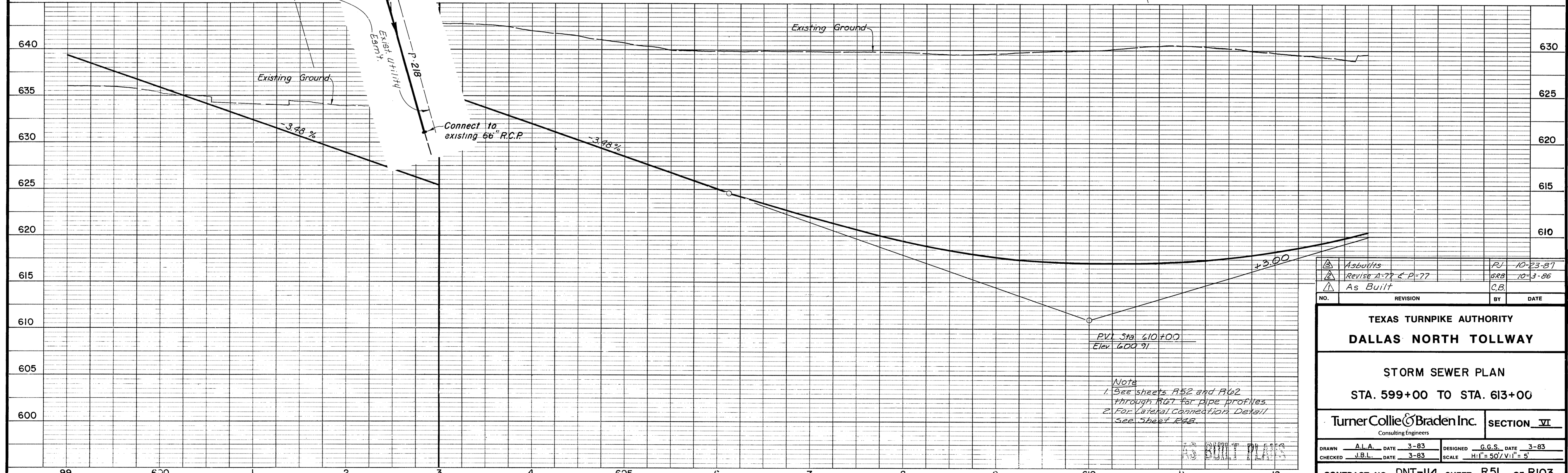
MATCH LINE STA. 599+00

MATCH LINE STA. 613+00



P-218 Curve Data
R=250.00
Contractor shall determine Δ, T, and L using the existing 66" RCP as the back tangent and the station intersection with Q Tollway shown and M.H. #7 as the forward tangent.

Bench Mark: Top of bolt in N.W. cor. of base plate for parking lot light standard, 143' East of Sta. 609+26.6, Elev. 630.76



As Built	PL	10-23-87	
Revise A-77 & P-77	GRB	10-3-86	
As Built	C.B.		
NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

STORM SEWER PLAN
STA. 599+00 TO STA. 613+00

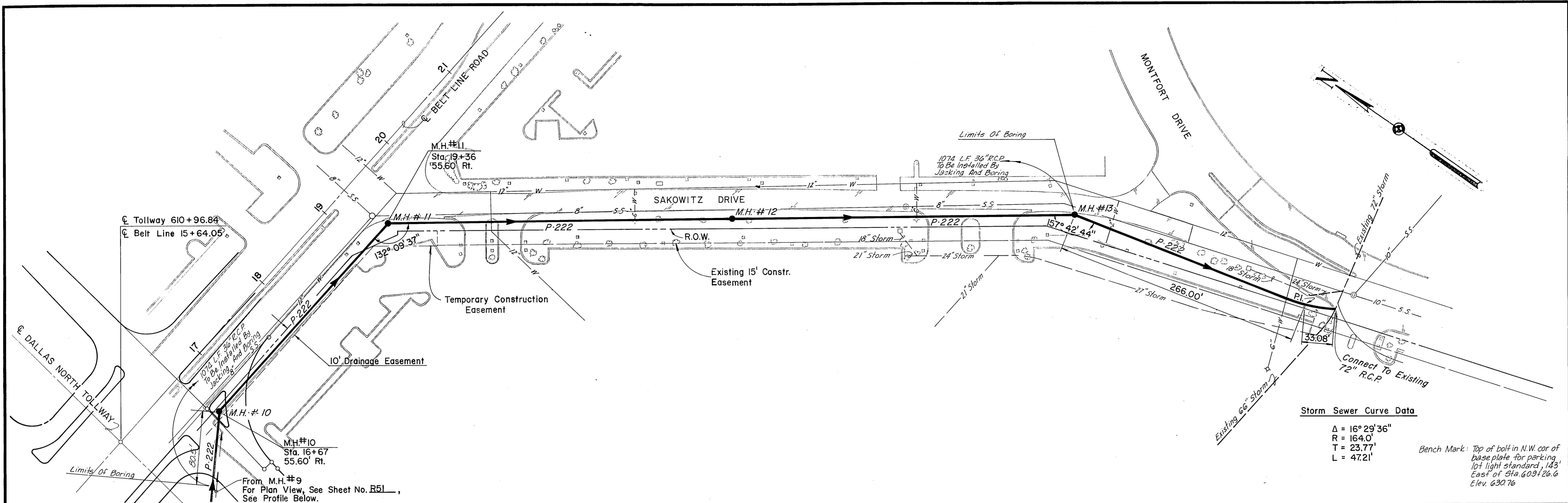
TurnerCollieBraden Inc. **SECTION VI**
Consulting Engineers

DRAWN	A.L.A.	DATE	3-83	DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1" = 50' V:1" = 5'		

CONTRACT NO. DNT-114 SHEET R51 OF R103

Note
1. See sheets R52 and R62 through R67 for pipe profiles.
2. For Lateral Connection Detail See Sheet R48.

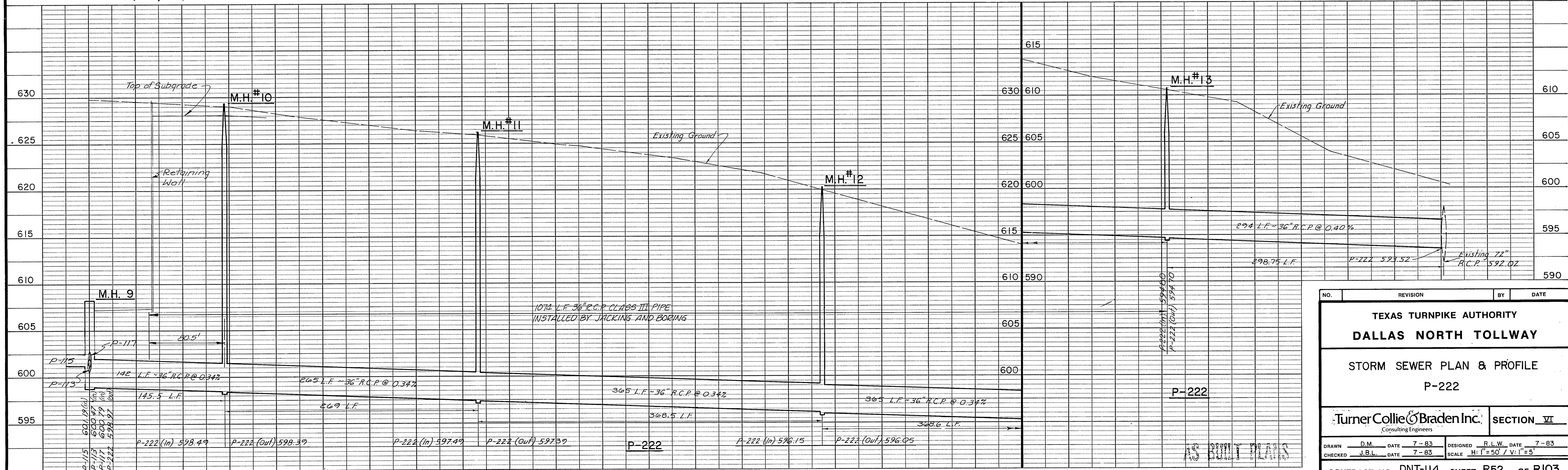
AS BUILT PLANS



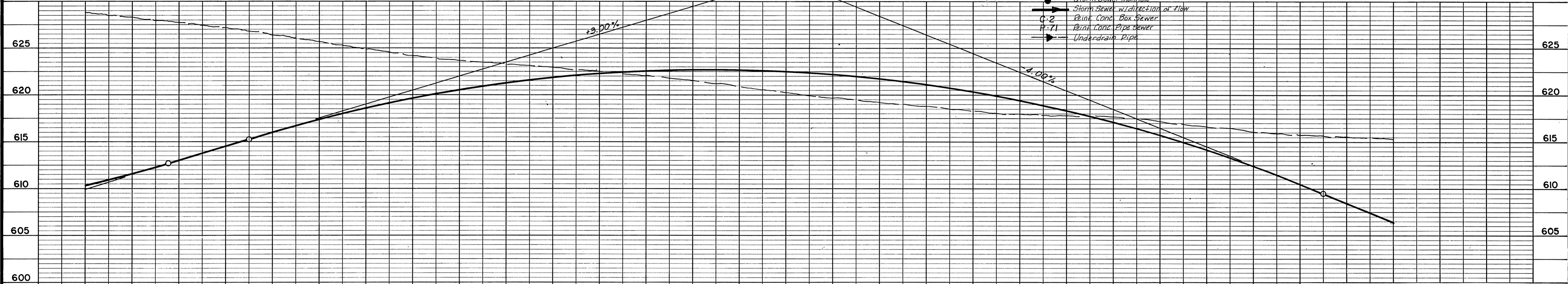
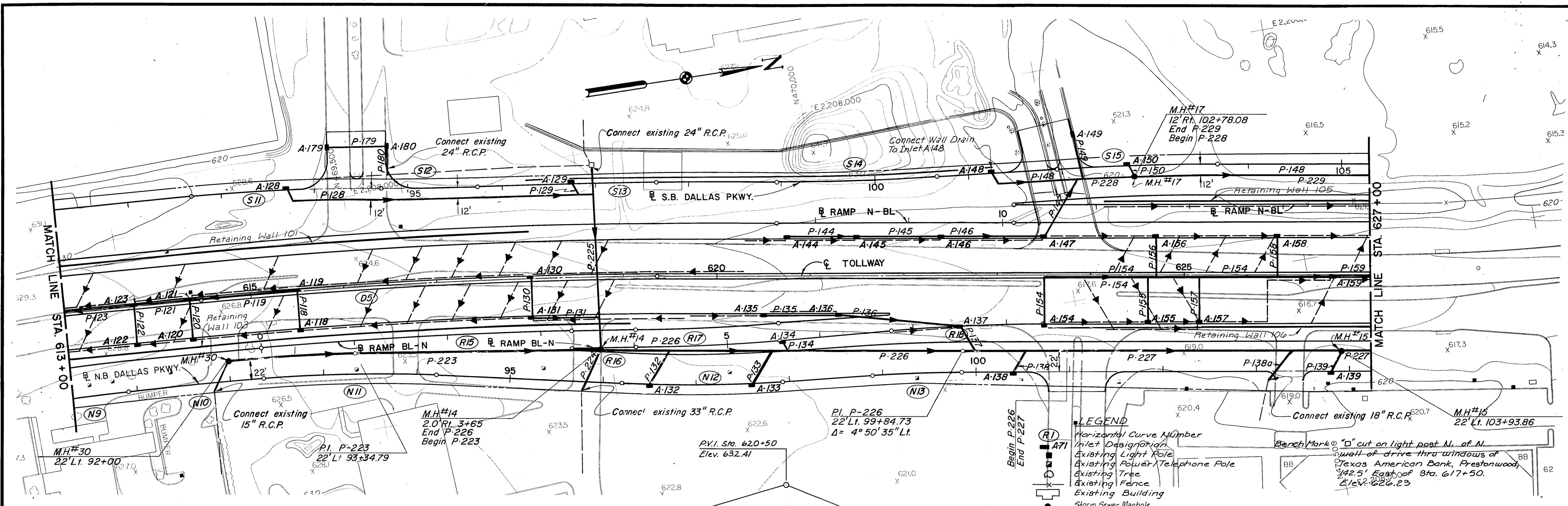
Storm Sewer Curve Data

Δ = 16° 29' 36"
R = 164.0'
T = 23.77'
L = 47.21'

Bench Mark: Top of bolt in N.W. cor of base plate for parking 10' light standard, 143' East of Sta. 609+20.6 Elev. 630.76



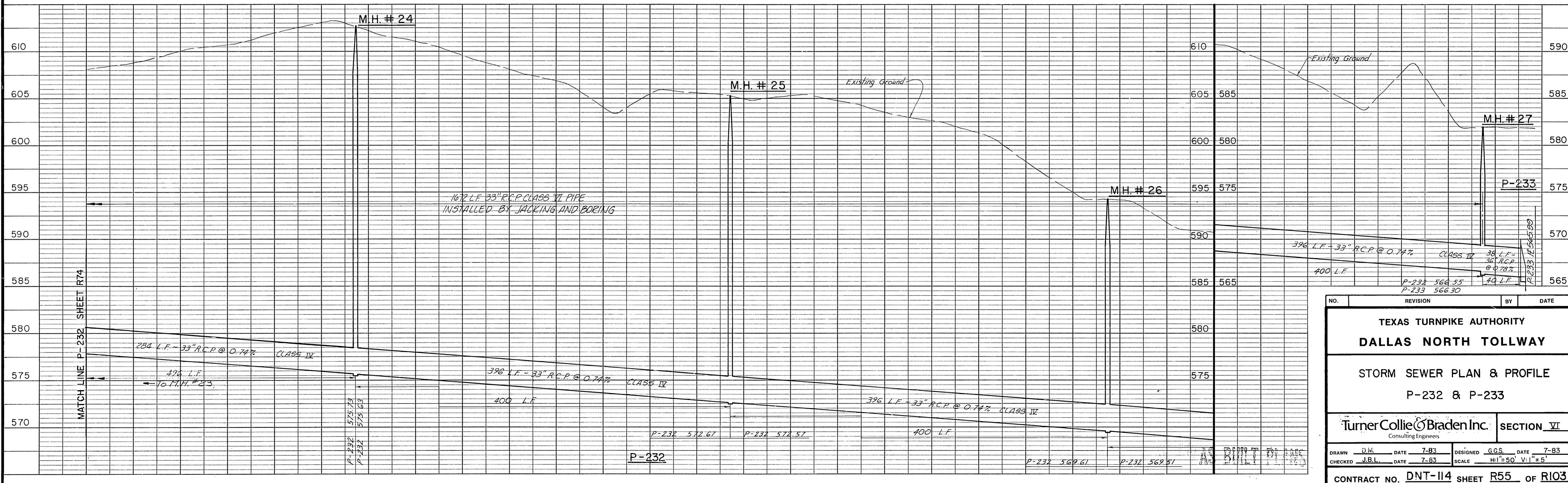
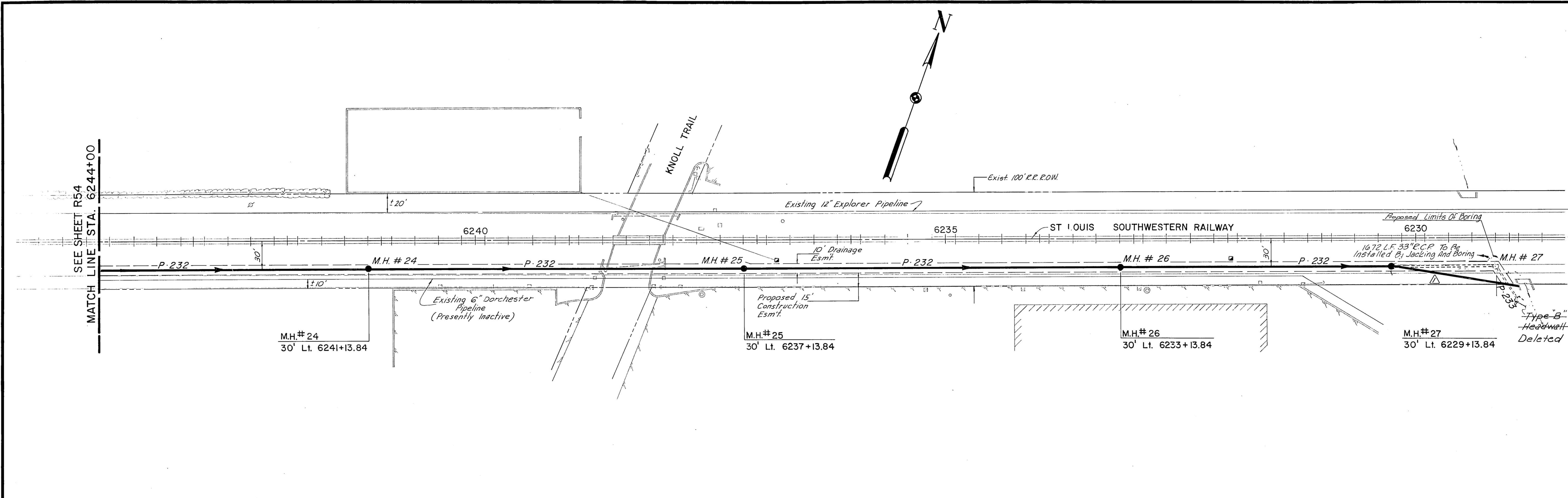
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PLAN & PROFILE P-222			
Turner Collie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN	D.M.	DATE	7-83
DESIGNED	R.L.W.	DATE	7-83
CHECKED	J.B.L.	DATE	7-83
SCALE		H: 1" = 50' / V: 1" = 5'	
CONTRACT NO. DNT-114 SHEET R52 OF R103			



- LEGEND**
- (R) Horizontal Curve Number
 - (A71) Inlet Designation
 - Existing Light Pole
 - Existing Power/Telephone Pole
 - Existing Tree
 - Existing Fence
 - Existing Building
 - Storm Sewer Manhole
 - Storm Sewer with direction of flow
 - C-2 Rint Conc. Box Sewer
 - P-71 Rint Conc. Pipe Sewer
 - Underdrain Pipe

Note
 1. See sheets R67, R68, R69, R71, and R73 for pipe profiles.
 2. For lateral connection detail see sheet R43.

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PLAN STA. 613+00 TO STA. 627+00			
TurnerCollie & Braden Inc.			SECTION VI
Consulting Engineers			
DRAWN	T.K.L.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83
DESIGNED		G.G.S.	DATE 3-83
SCALE		H:1" = 50'/V:1" = 5'	
CONTRACT NO. DNT-114 SHEET R53 OF R103			



NO.	REVISION	BY	DATE

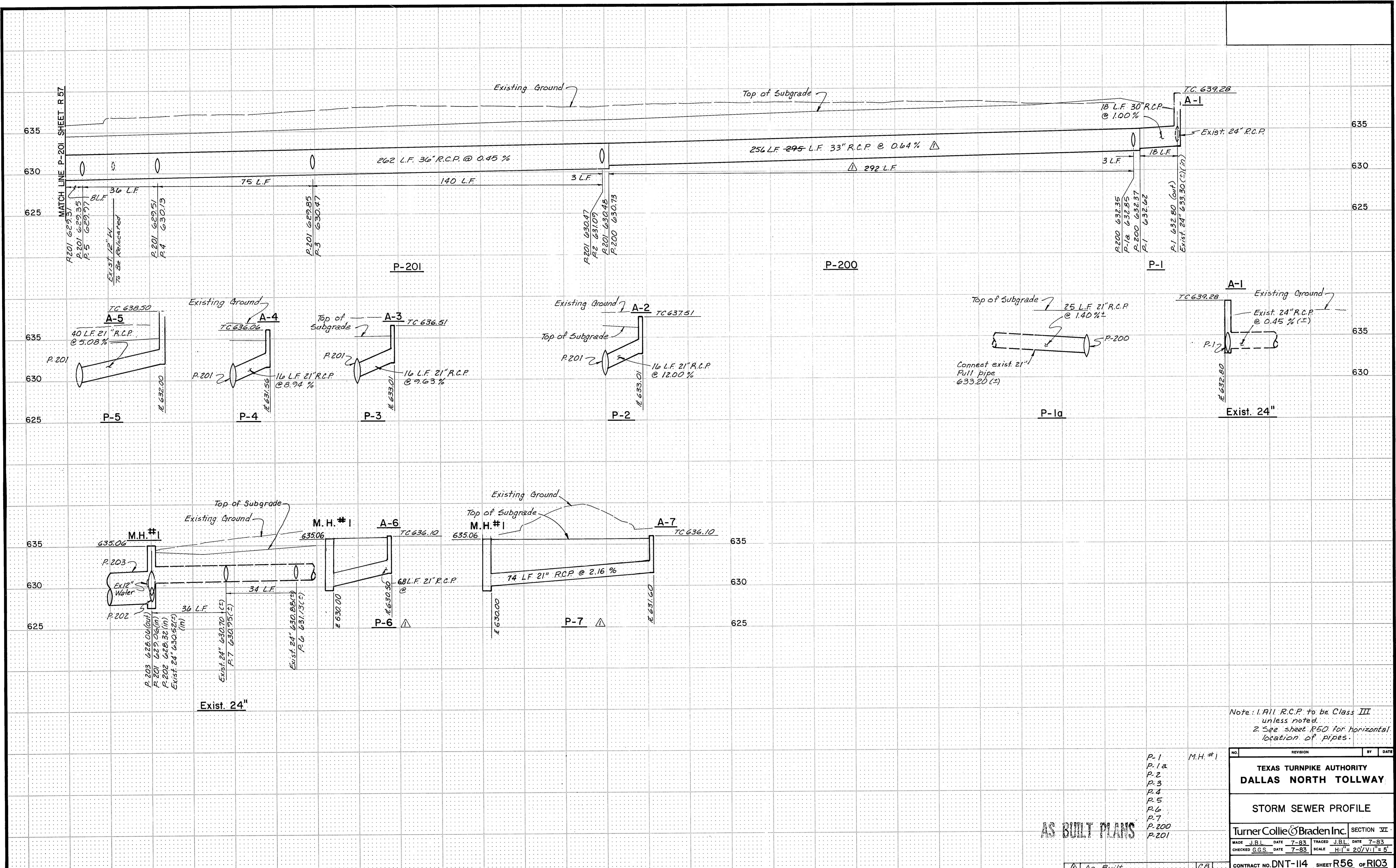
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

STORM SEWER PLAN & PROFILE
P-232 & P-233

Turner Collie & Braden Inc. Consulting Engineers SECTION VI

DRAWN	D.M.	DATE	7-83	DESIGNED	G.G.S.	DATE	7-83
CHECKED	J.B.L.	DATE	7-83	SCALE	H1"=50'	V1"=5'	

CONTRACT NO. DNT-114 SHEET R55 OF R103



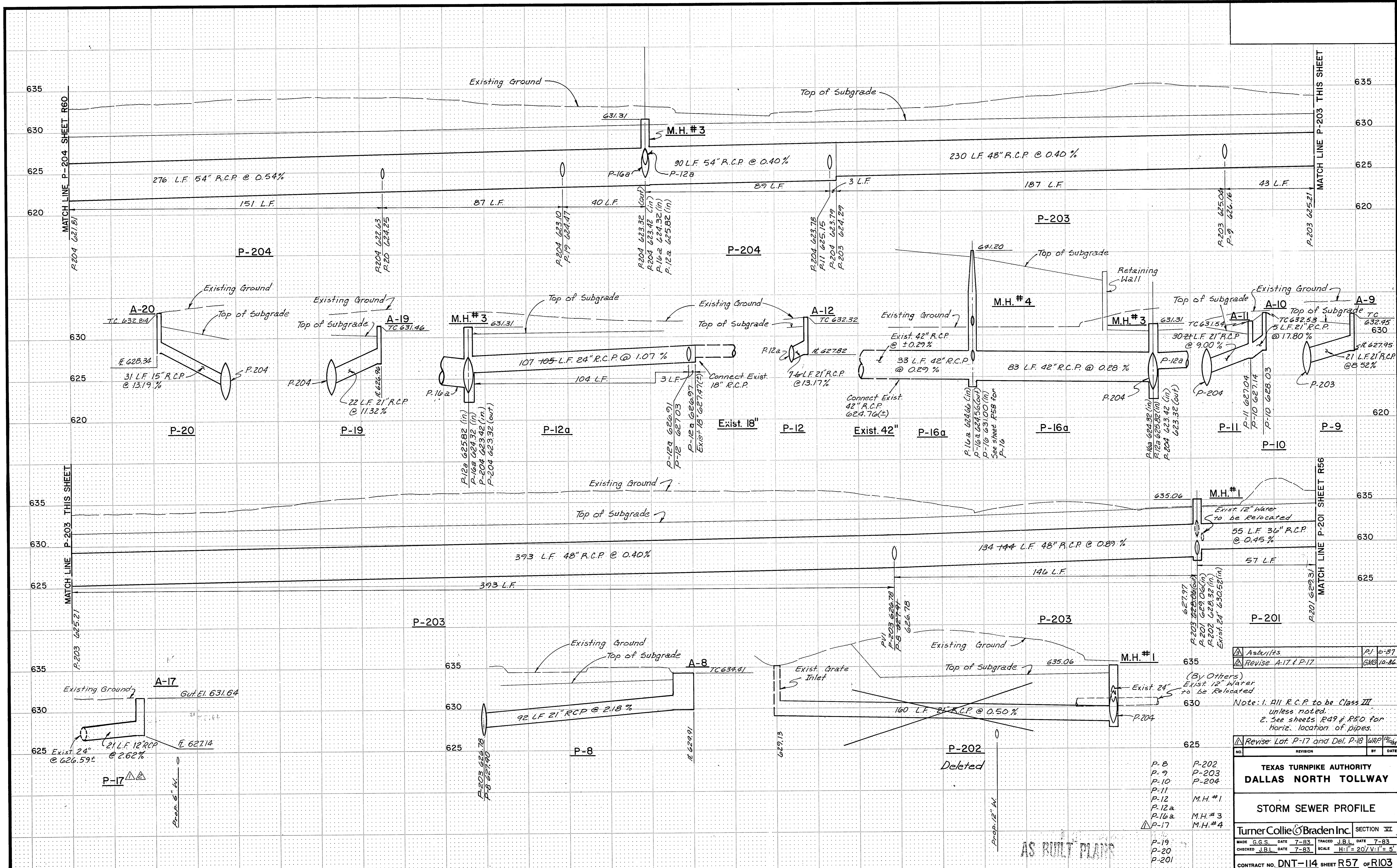
Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheet P50 for horizontal location of pipes.

P-1
 P-1a
 P-2
 P-3
 P-4
 P-5
 P-6
 P-7
 P-200
 P-201
 M.H.#1

AS BUILT PLANS

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION III
MADE J.B.L.	DATE 7-83	TRACED J.B.L.	DATE 7-83
CHECKED G.G.S.	DATE 7-83	SCALE H:1"=20'/V:1"=5'	
CONTRACT NO. DNT-114 SHEET R56 OF R103			

As Built CB



Asbuilts	PJ 10-87
Revise A-17 & P-17	GMC 10-86

Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheets R49 & R50 for horiz. location of pipes.

NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

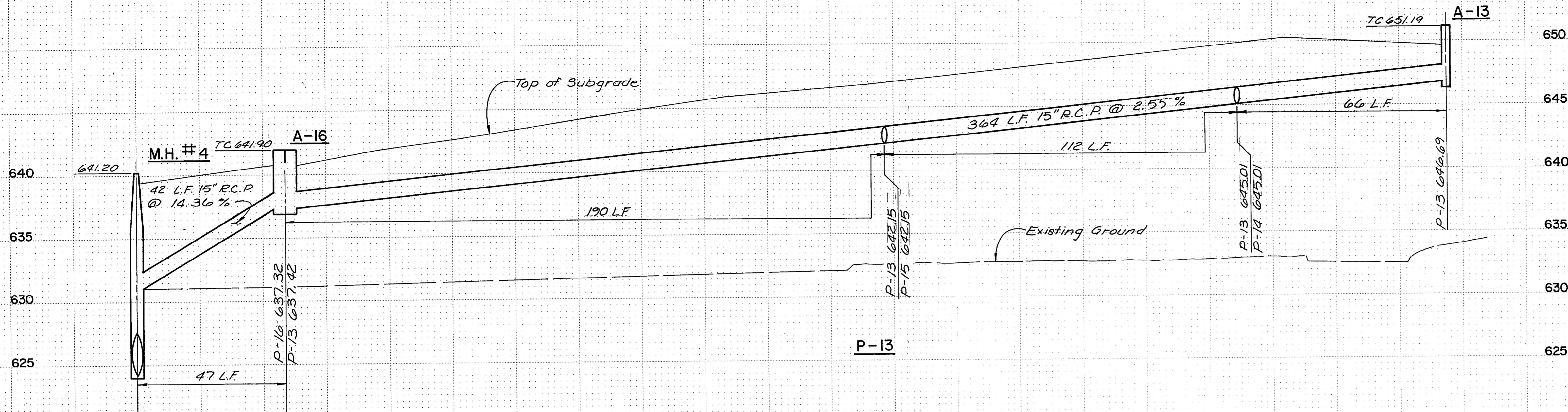
STORM SEWER PROFILE

Turner Collier & Braden Inc. SECTION VII

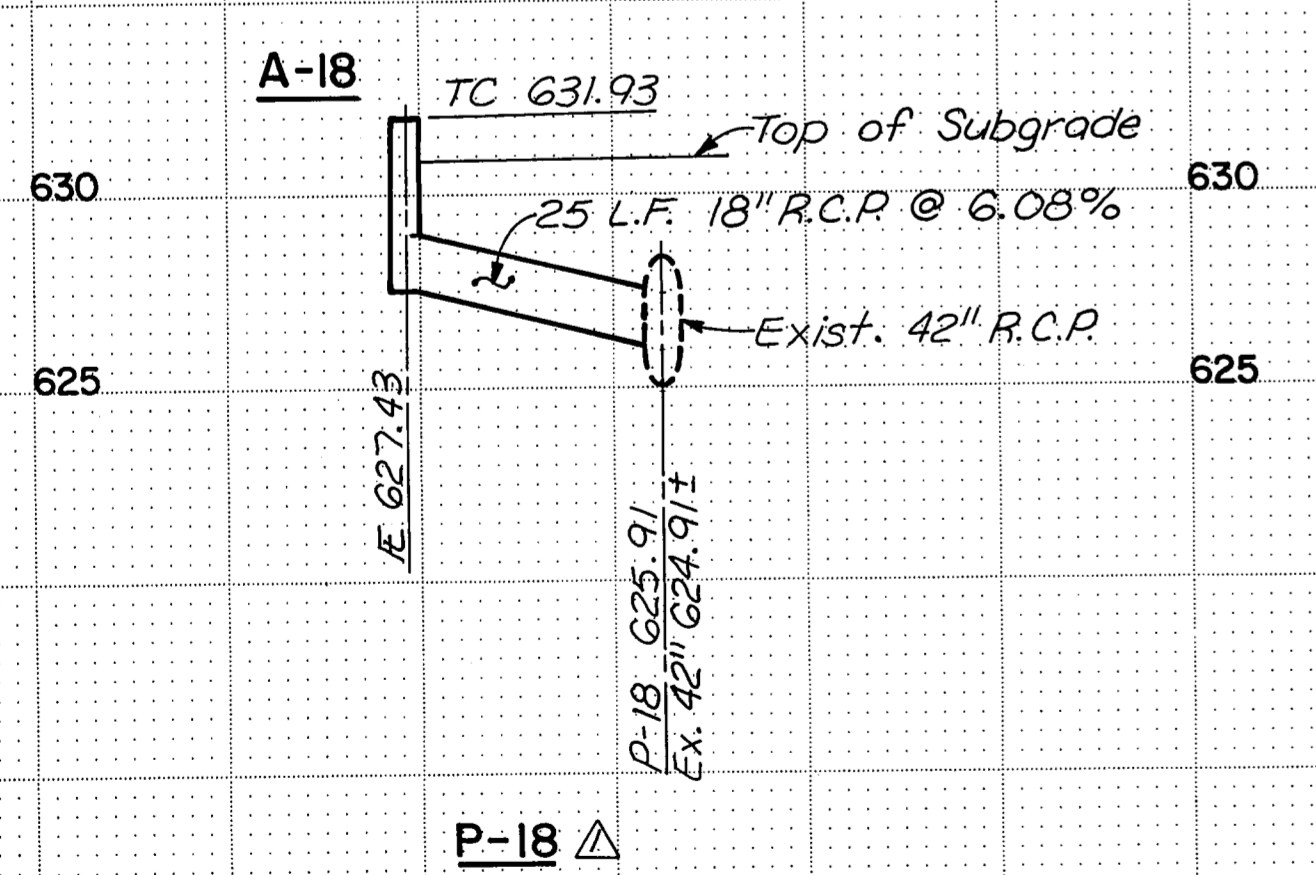
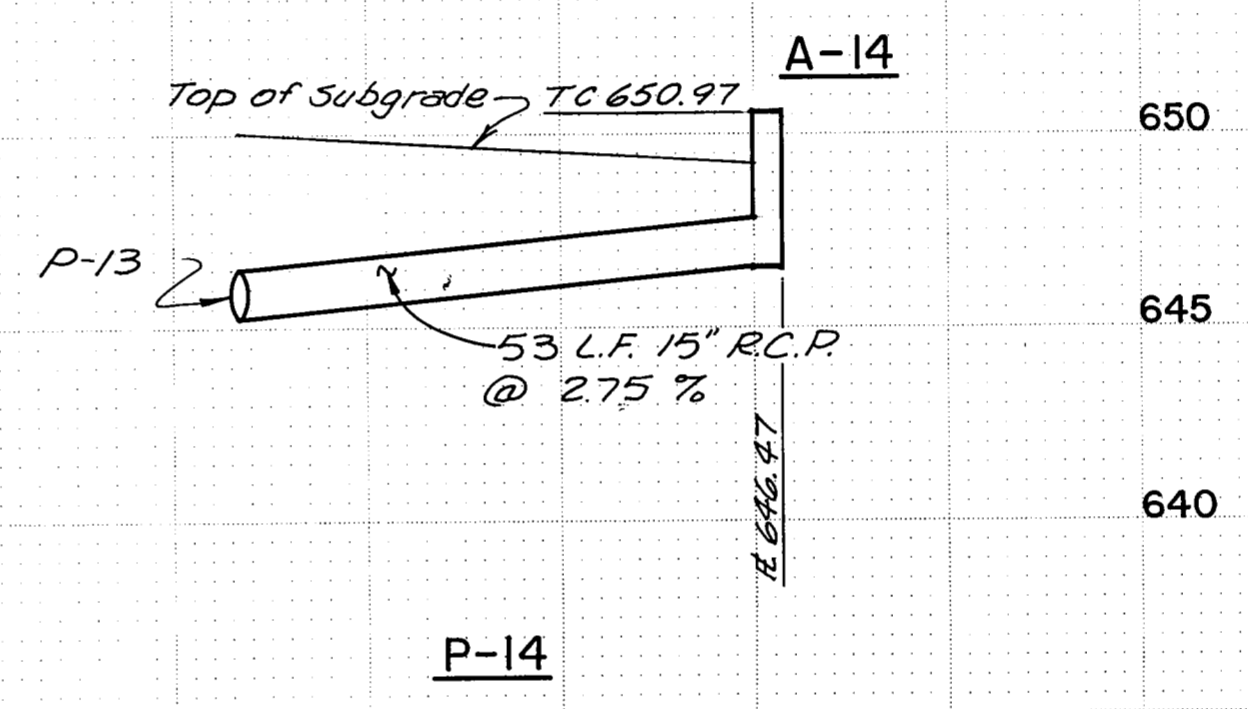
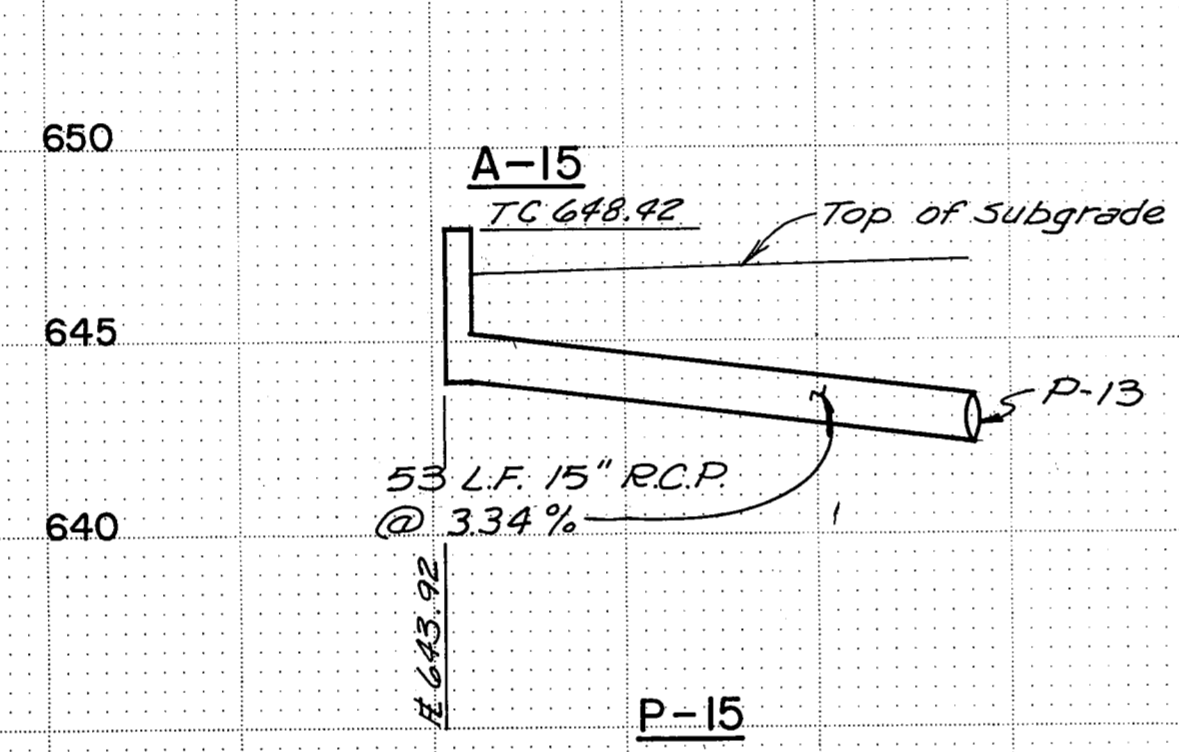
MADE G.G.S. DATE 7-83	TRACED J.B.L. DATE 7-83
CHECKED J.B.L. DATE 7-83	SCALE H:1" = 20'/V:1" = 5'

CONTRACT NO. DNT-114 SHEET R57 OF R103

AS BUILT PLANS



P-16 624.66 (in)
P-16 624.50 (out)
P-16 631.00 (in)
See sheet R57 for
P-16

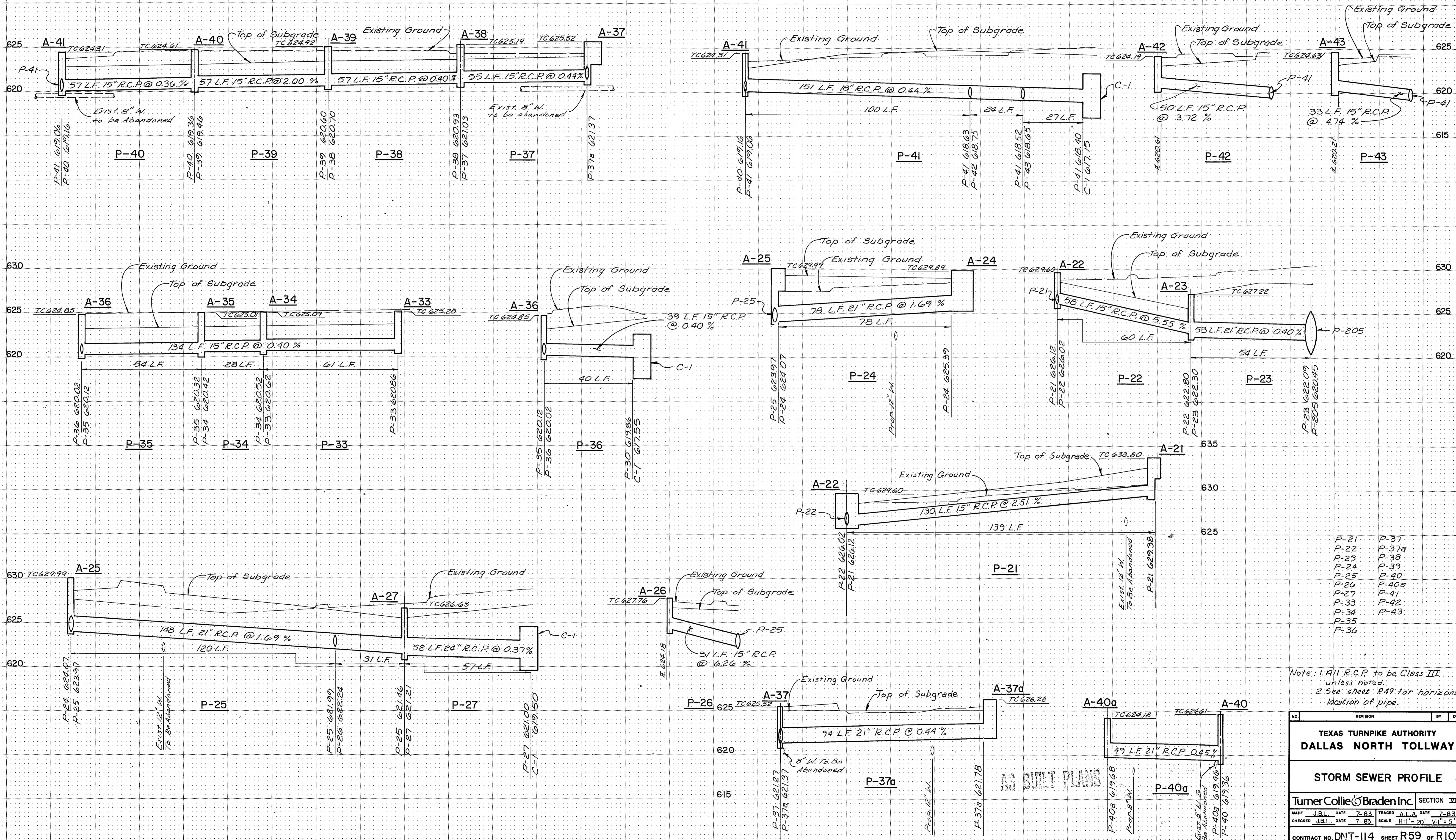


Note: 1. All R.C.P. to be Class III unless noted.
2. See sheets R49 & R50 for horiz. location of pipes.

P-13
P-14
P-15
P-16
P-18

Add Lateral P-18		WRP	RM
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VII
MADE	J.B.L.	DATE	7-83
TRACED	A.L.A.	DATE	7-83
CHECKED	J.B.L.	DATE	7-83
SCALE	H:1"=20' V:1"=5'		
CONTRACT NO. DNT-114 SHEET R58 OF R103			

AS BUILT PLANS

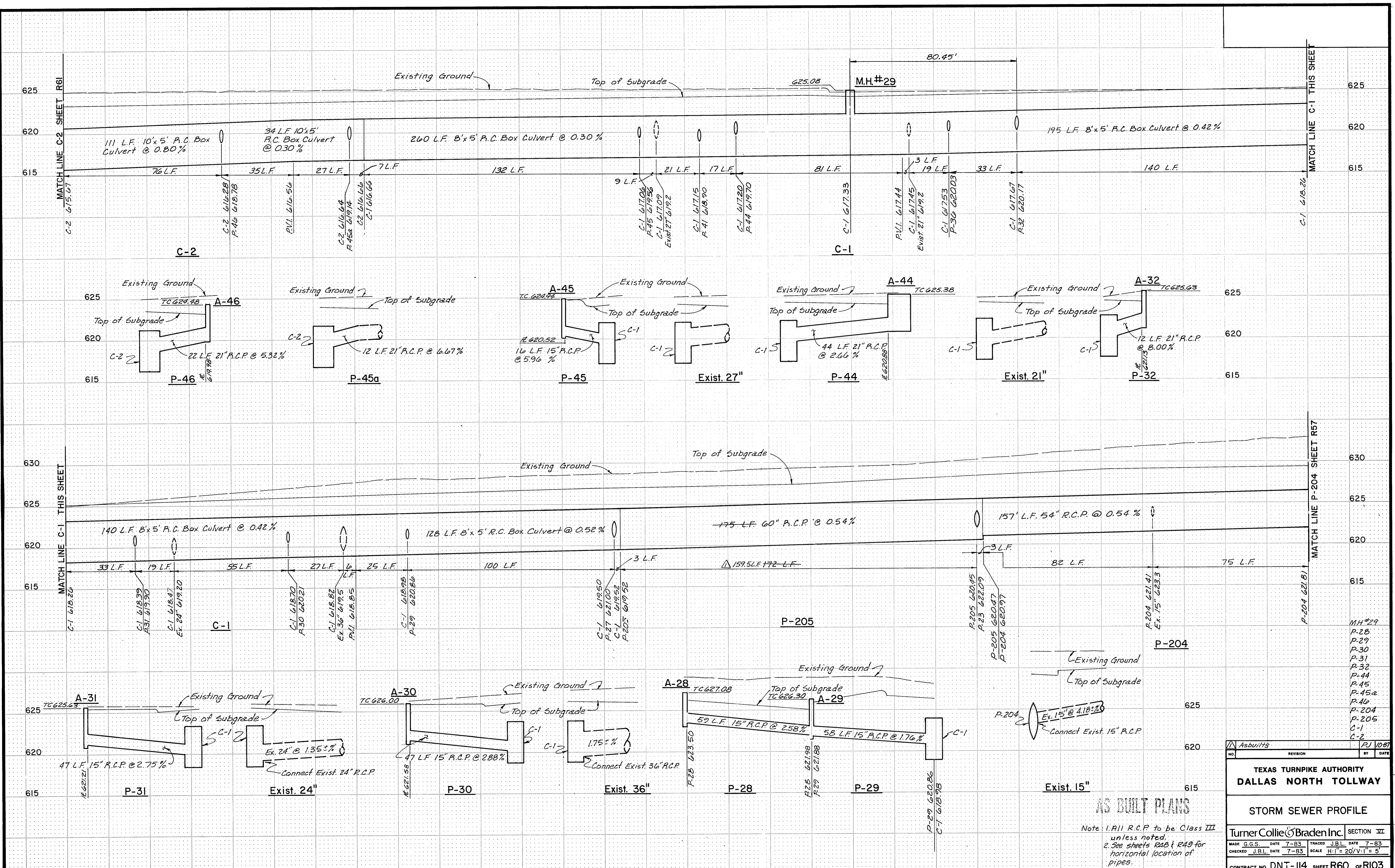


- P-21
- P-22
- P-23
- P-24
- P-25
- P-26
- P-27
- P-33
- P-34
- P-35
- P-36
- P-37
- P-37a
- P-38
- P-39
- P-40
- P-40a
- P-41
- P-42
- P-43

Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheet R49 for horizontal location of pipe.

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collier & Braden Inc.			SECTION VII
MADE	J.B.L.	DATE	7-83
CHECKED	J.B.L.	DATE	7-83
SCALE		H:V = 20' : 1'	
CONTRACT NO. DNT-114 SHEET R59 OF R103			

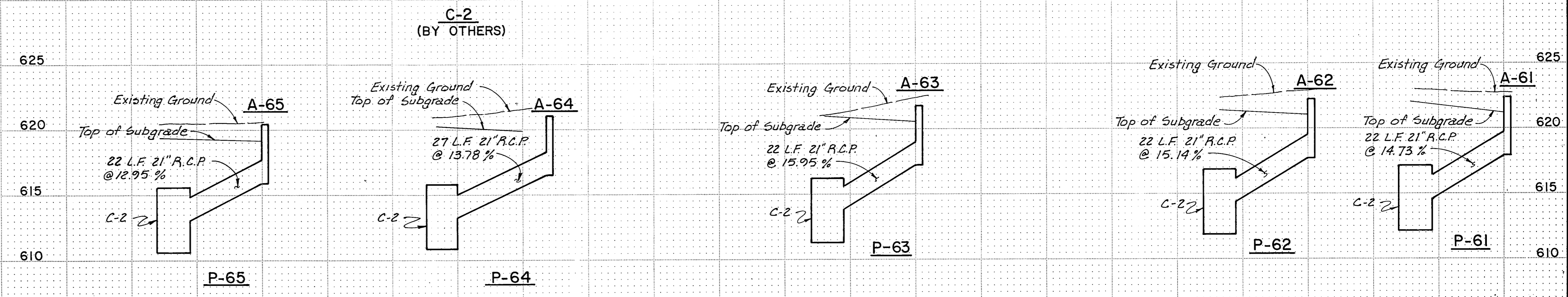
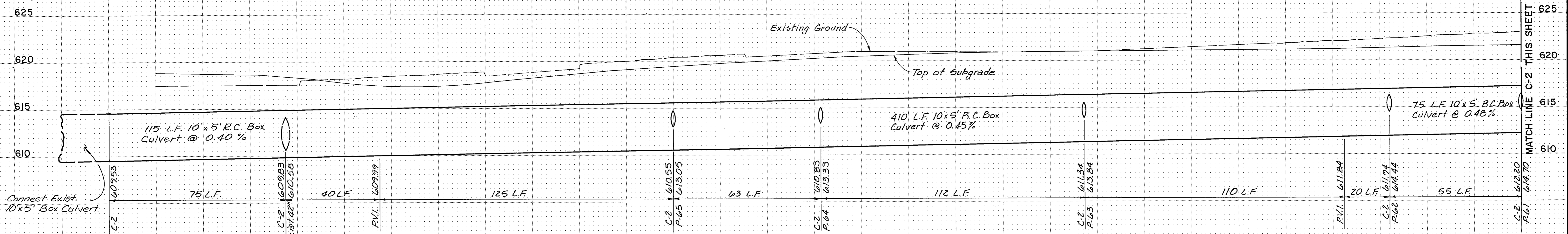
AS BUILT PLANS



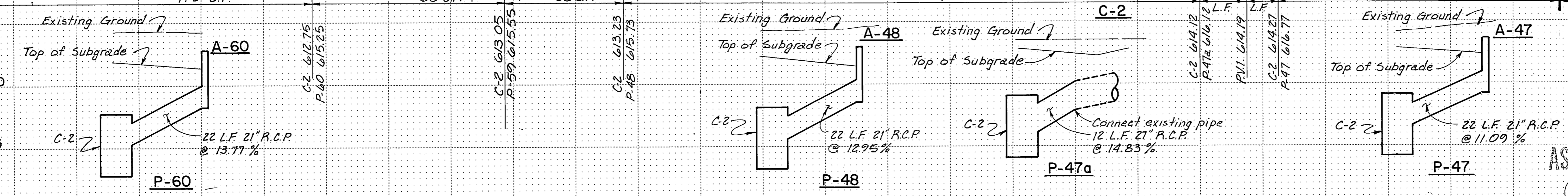
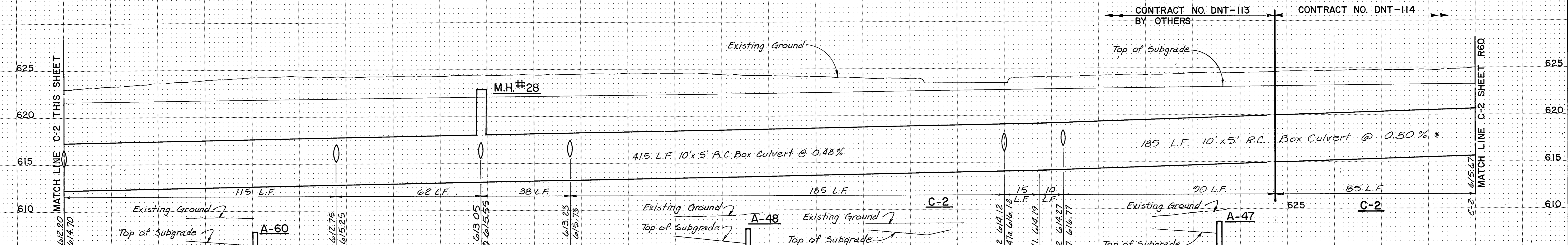
AS BUILT PLANS

Note 1. All R.C.P. to be Class III unless noted.
 2. See sheets R40 & R49 for horizontal location of pipes.

Asbuilt's		RJ 10/87	
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VI
MADE G.G.S. DATE 7-83	TRACED J.B.L. DATE 7-83		
CHECKED J.B.L. DATE 7-83	SCALE H:1" = 20'/V:1" = 5'		
CONTRACT NO. DNT-114 SHEET R60 of RIO3			



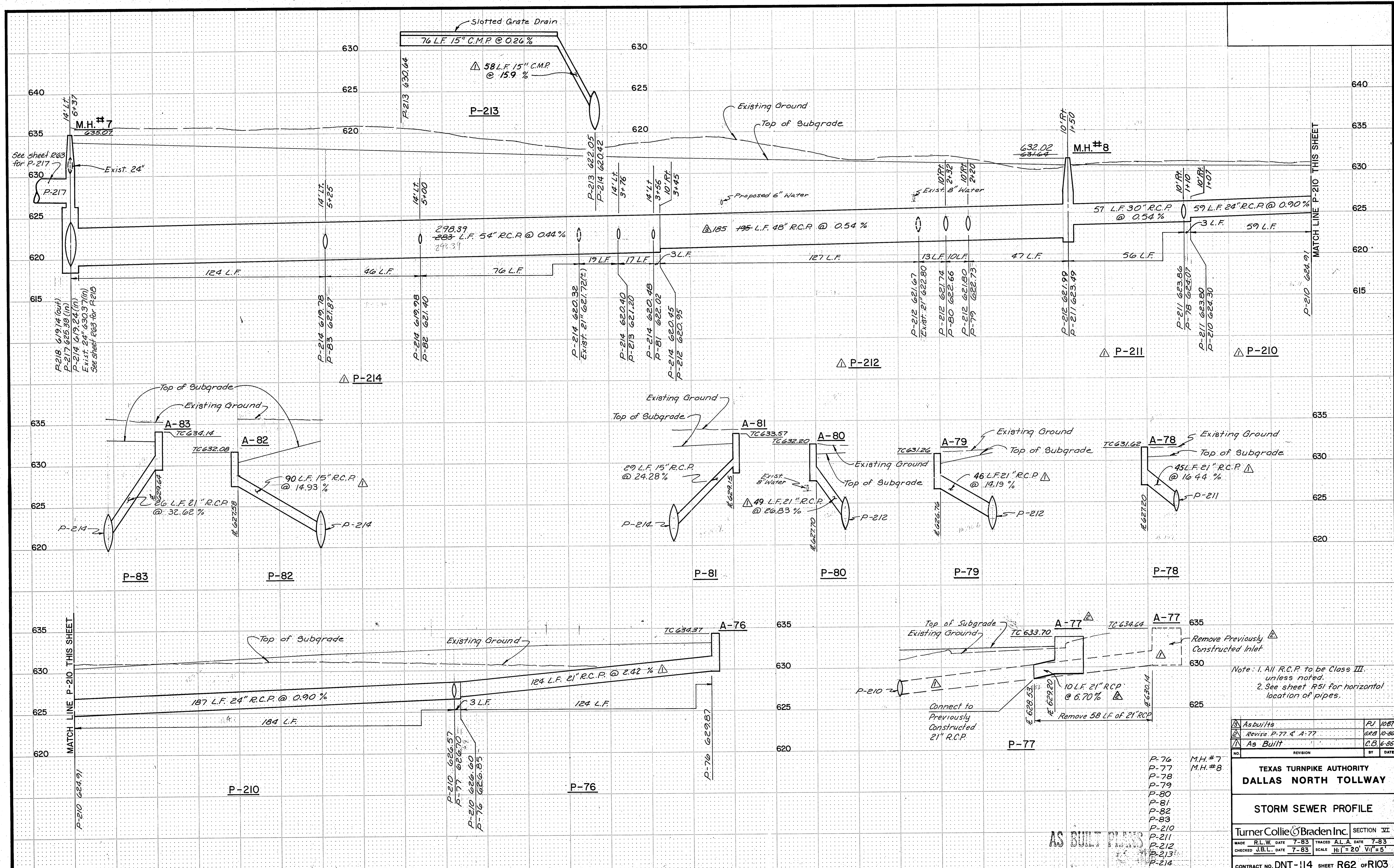
Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheet R48 for horizontal location of pipes.



* 85 L.F. C-2 This Contract No. DNT-114

AS BUILT PLANS
 Contract No. DNT-113 By Others
 P-47 P-63
 P-47a P-64
 P-48 P-65
 P-60 *C-2
 P-61
 P-62 M.H.#28

NO.		REVISION		BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY					
STORM SEWER PROFILE					
Turner Collie & Braden Inc.				SECTION VII	
MADE G.B.S.	DATE 7-83	TRACED J.B.L.	DATE 7-83		
CHECKED J.B.L.	DATE 7-83	SCALE H:1" = 20'/V:1" = 5'			
CONTRACT NO. DNT-114 SHEET R61				OF R103	



Note: 1. All R.C.P. to be Class III, unless noted.
 2. See sheet R51 for horizontal location of pipes.

As Built	PJ 1087
Revise P-77 & A-77	GRB 10-86
As Built	C.B. 6-86
NO.	REVISION
BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

STORM SEWER PROFILE

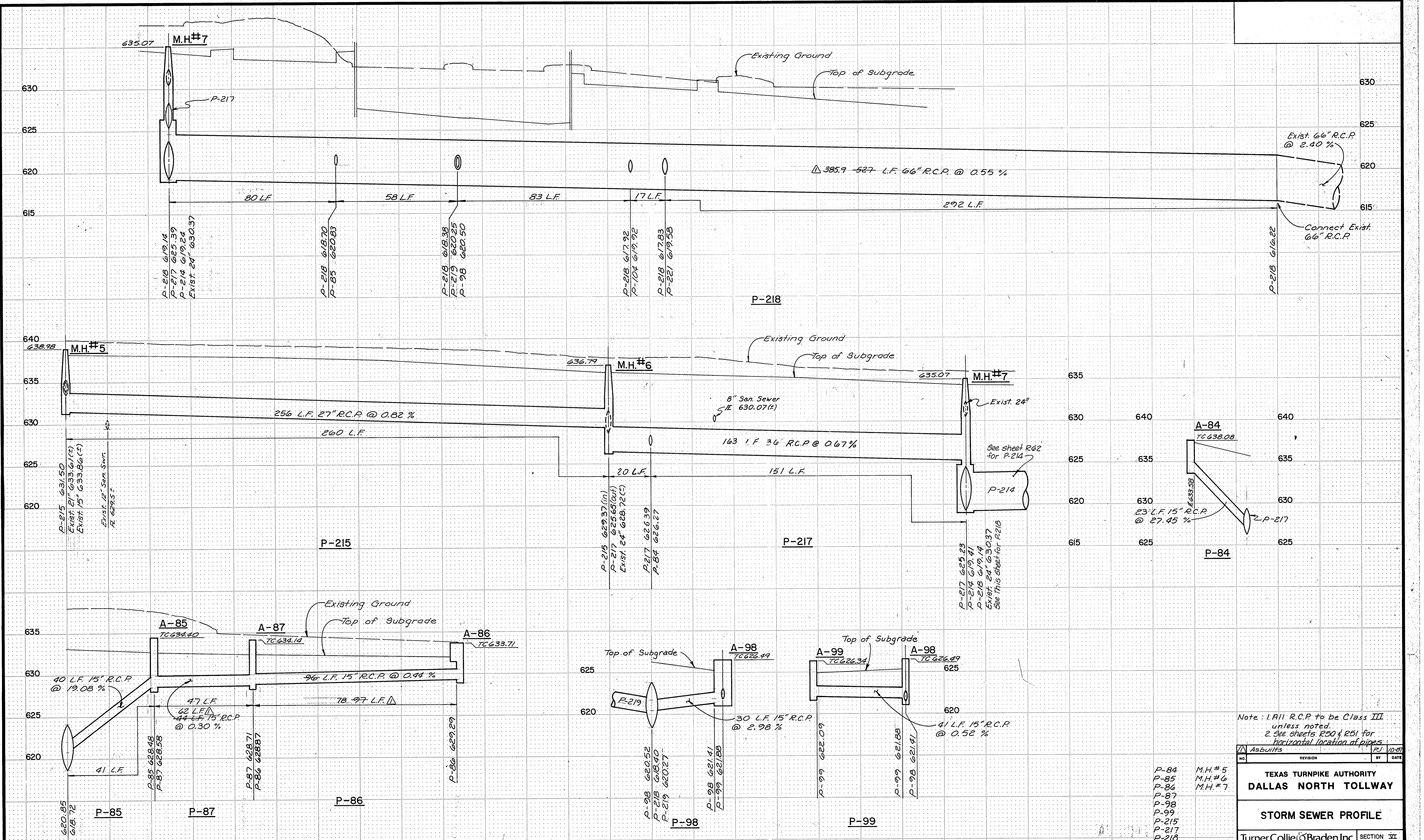
Turner Collie & Braden Inc. SECTION VI

MADE R.L.W. DATE 7-83 TRACED A.L.A. DATE 7-83
 CHECKED J.B.L. DATE 7-83 SCALE H₁'=20' V₁'=5'

CONTRACT NO. DNT-114 SHEET R62 OF R103

- P-76 M.H.#7
- P-77 M.H.#8
- P-78
- P-79
- P-80
- P-81
- P-82
- P-83
- P-210
- P-211
- P-212
- P-213
- P-214

AS BUILT



AS BUILT PLANS

Note: 1. All R.C.P. to be Class III unless noted.
2. See sheets R50 & R51 for horizontal location of pipes.

NO.	REVISION	BY	DATE
1	Asbuilt's		7-83

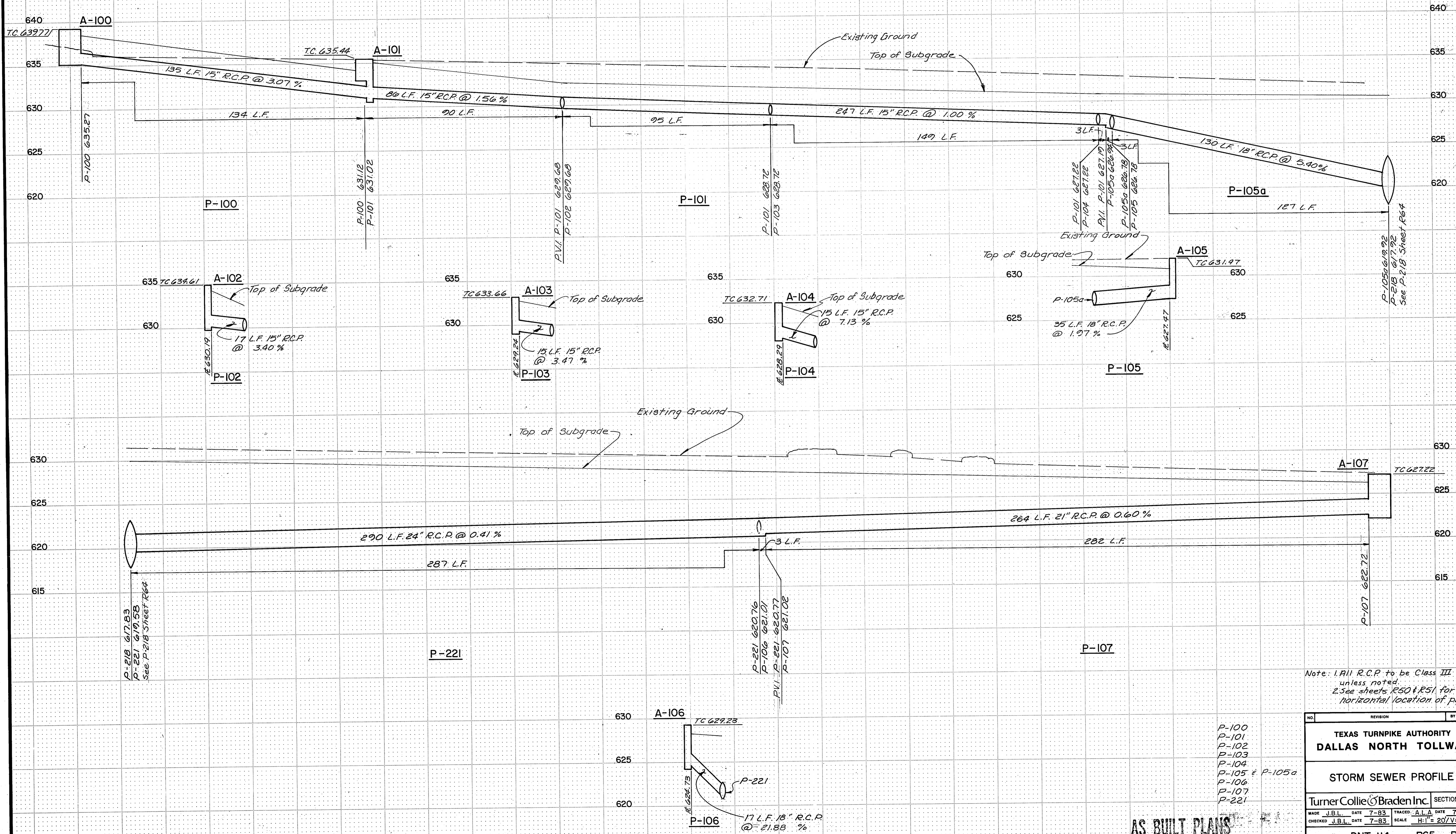
TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

STORM SEWER PROFILE

Turner Collie & Braden Inc. SECTION VII

MADE R.L.W. DATE 7-83 TRACED A.L.A. DATE 7-83
CHECKED J.B.L. DATE 7-83 SCALE H₁" = 20' V₁" = 5'

CONTRACT NO. DNT-114 SHEET R63 OF R103

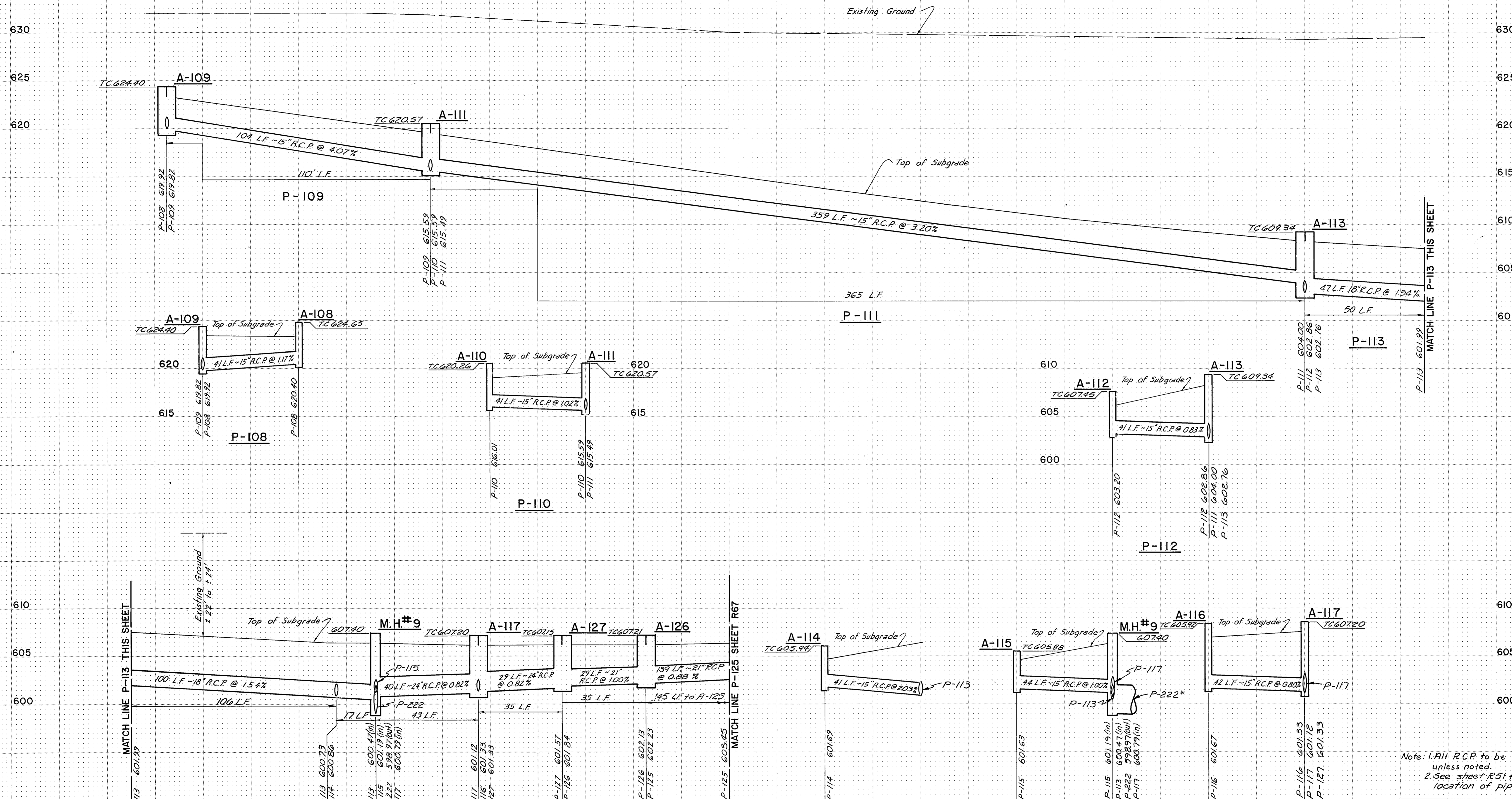


Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheets R50 & R51 for horizontal location of pipes.

- P-100
- P-101
- P-102
- P-103
- P-104
- P-105 & P-105a
- P-106
- P-107
- P-221

AS BUILT PLANS

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VII
MADE J.B.L.	DATE 7-83	TRACED A.L.A.	DATE 7-83
CHECKED J.B.L.	DATE 7-83	SCALE H:1" = 20' V:1" = 5'	
CONTRACT NO. DNT-114 SHEET R65 OF R103			



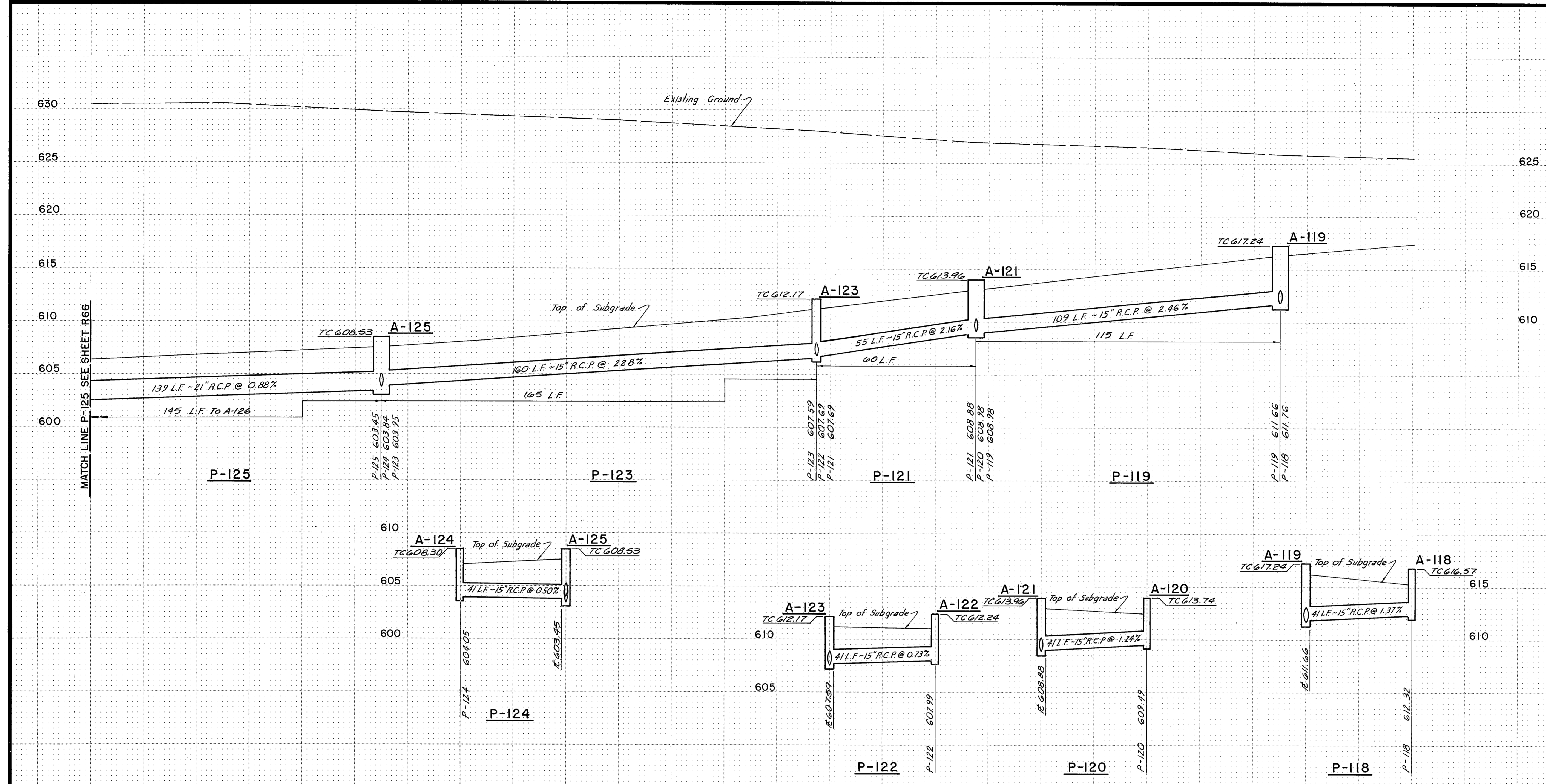
Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheet R51 for horizontal location of pipes.

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VII
MADE	R.L.W.	DATE 7-83	TRACED
CHECKED	J.B.L.	DATE 7-83	SCALE
			H:V = 20/1" = 5'
CONTRACT NO. DNT-114 SHEET R66 OF R103			

AS BUILT PLANS

* For P-222 profile see sheet R52

- P-108
- P-109
- P-110
- P-111
- P-112
- P-113
- P-114
- P-115
- P-116
- P-117
- P-125
- P-126
- P-127
- M.H.#9

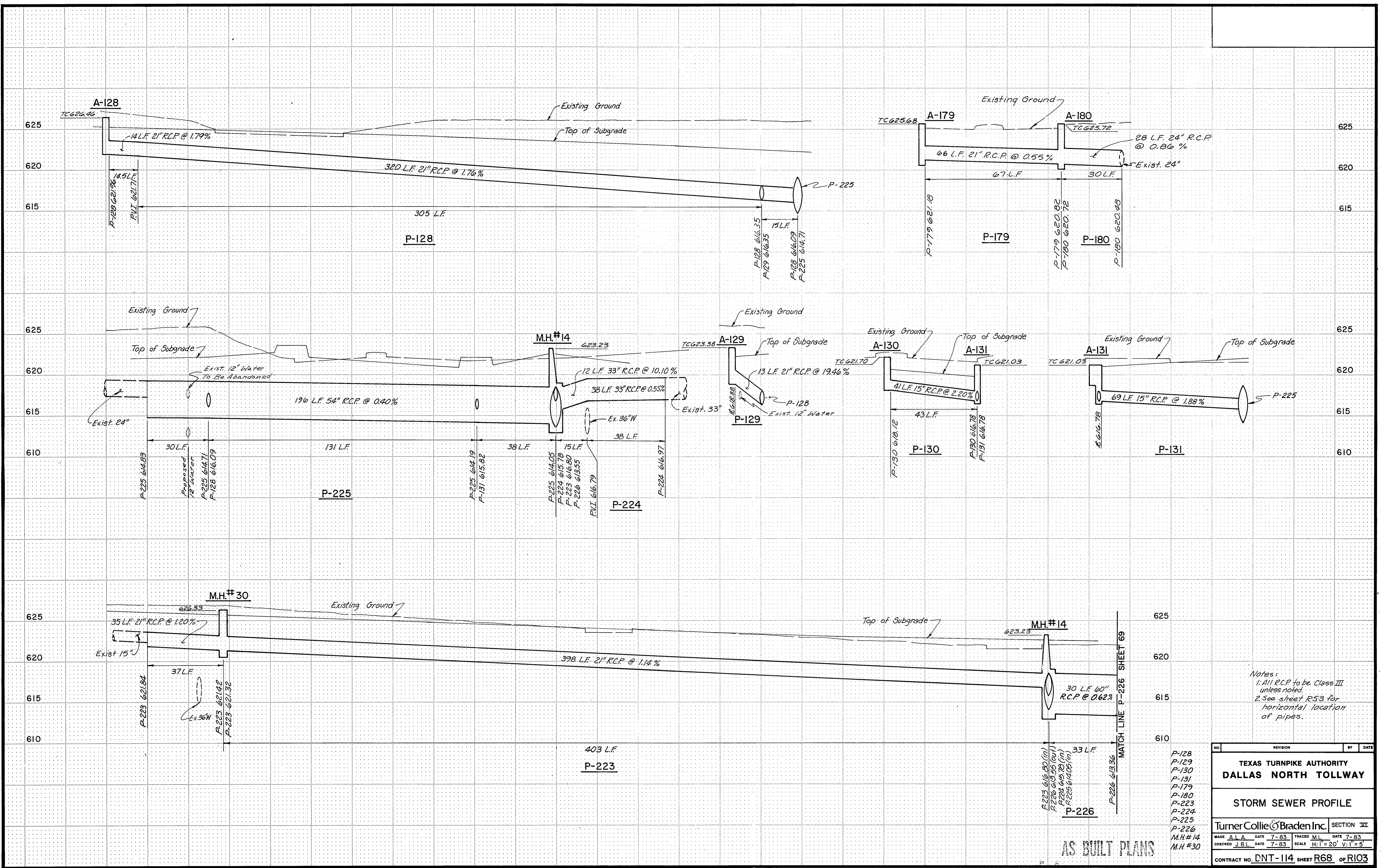


Note: 1. All R.C.P. to be Class III unless noted.
 2. See sheets 51 & 53 for horizontal location of pipes.

P-118
 P-119
 P-120
 P-121
 P-122
 P-123
 P-124
 P-125

AS BUILT PLANS

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VII
MADE R.L.W.	DATE 7-83	TRACED D.M.	DATE 7-83
CHECKED J.B.L.	DATE 7-83	SCALE H:1" = 20'/V:1" = 5'	
CONTRACT NO. DNT-114 SHEET R67 OF R103			



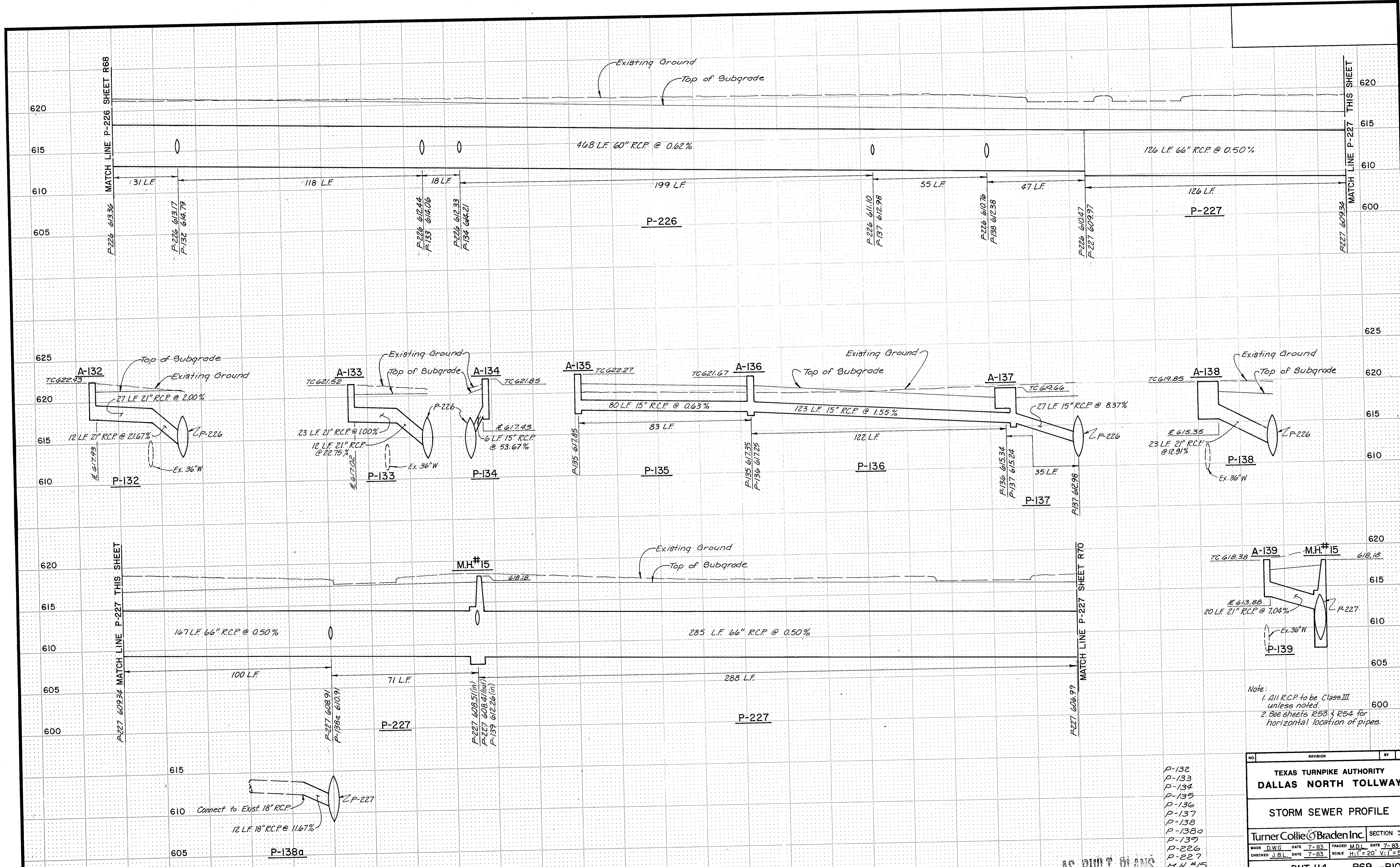
Notes:
 1. All R.C.P. to be Class III unless noted.
 2. See sheet R53 for horizontal location of pipes.

- P-128
- P-129
- P-130
- P-131
- P-179
- P-180
- P-223
- P-224
- P-225
- P-226
- M.H.#14
- M.H.#30

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VII
MADE A.L.A.	DATE 7-83	TRACED M.L.	DATE 7-83
CHECKED J.B.L.	DATE 7-83	SCALE H:1"=20'	V:1"=5'
CONTRACT NO. DNT-114 SHEET R68 OF R103			

AS BUILT PLANS

MATCH LINE P-226 SHEET 69

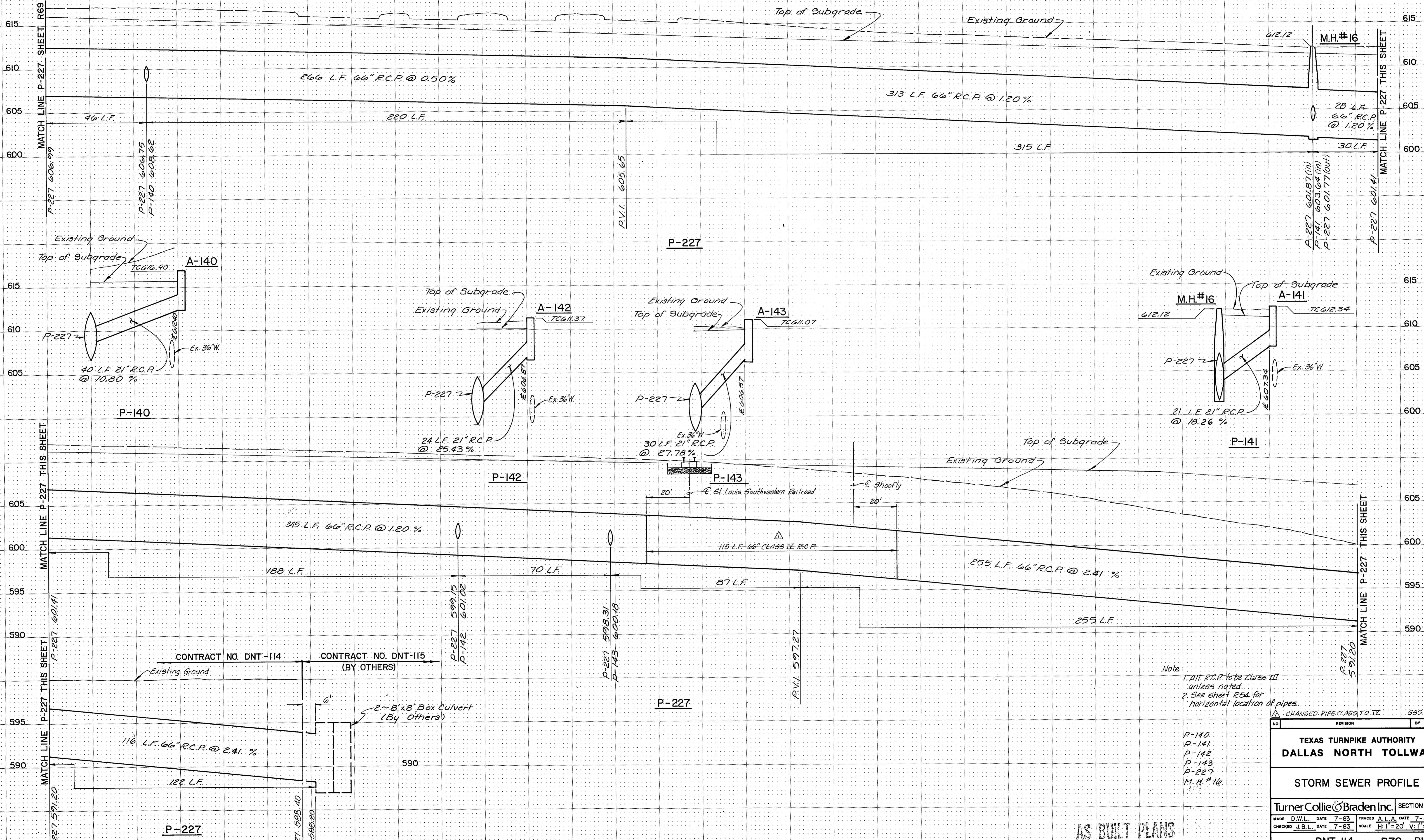


Note:
 1. All R.C.P. to be Class III unless noted.
 2. See sheets R53 & R54 for horizontal location of pipes.

- P-132
- P-133
- P-134
- P-135
- P-136
- P-137
- P-138
- P-138a
- P-139
- P-226
- P-227
- M.H.#15

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION II
MADE D.W.G.	DATE 7-83	TRACED M.D.I.	DATE 7-83
CHECKED J.B.L.	DATE 7-83	SCALE H:1" = 20' V:1" = 5'	
CONTRACT NO. DNT-114 SHEET R69 OF R103			

AS BUILT PLANS

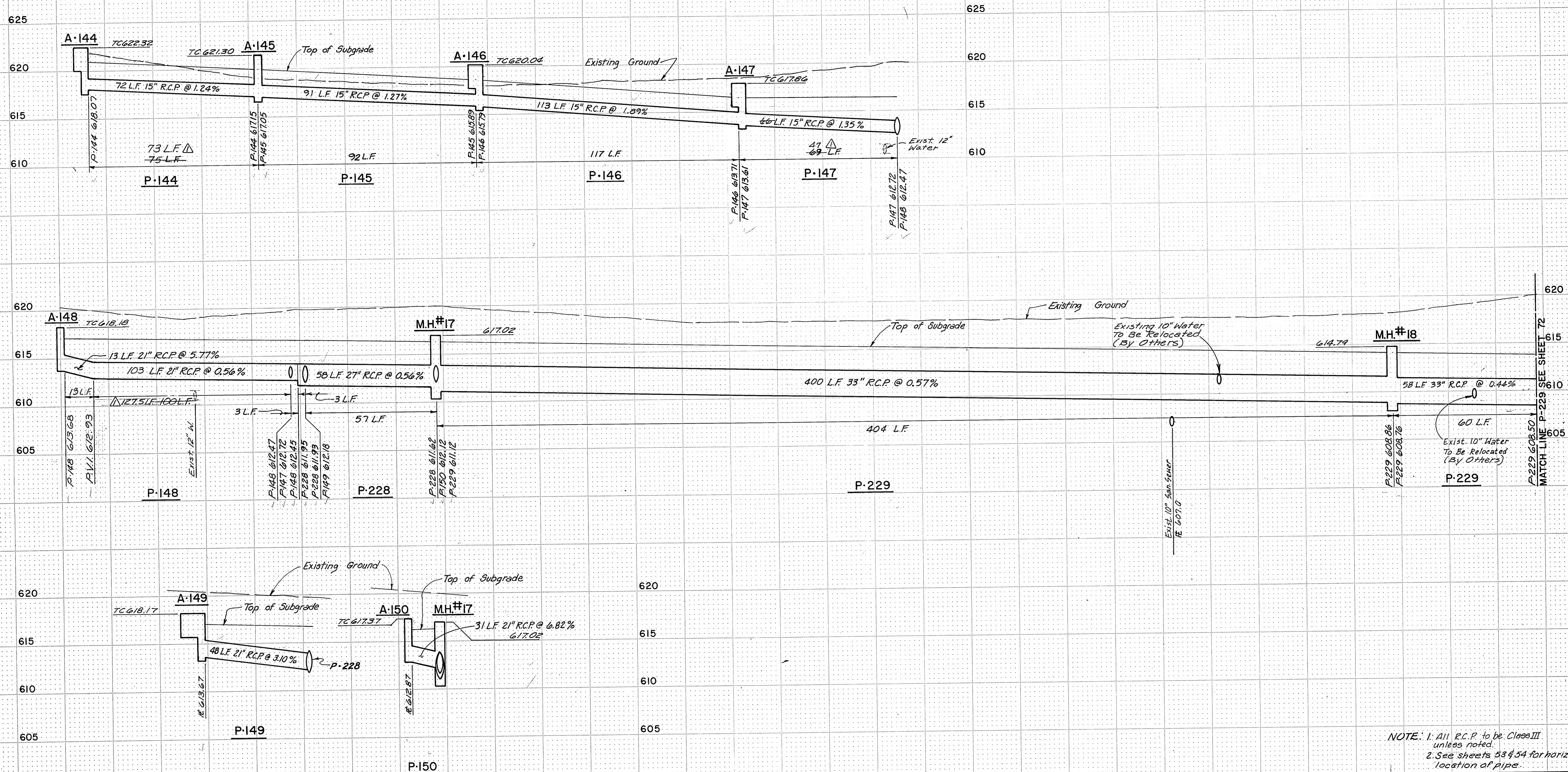


Note:
 1. All R.C.P. to be Class III unless noted.
 2. See sheet R54 for horizontal location of pipes.
 CHANGED PIPE CLASS TO II

P-140
 P-141
 P-142
 P-143
 P-227
 M.H.#16

AS BUILT PLANS

NO.		REVISION		BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY					
STORM SEWER PROFILE					
Turner Collie & Braden Inc.				SECTION III	
MADE	D.W.L.	DATE	7-83	TRACED	A.L.A. DATE
CHECKED	J.B.L.	DATE	7-83	SCALE	H"=20' V"=5'
CONTRACT NO. DNT-114				SHEET R70 OF R103	

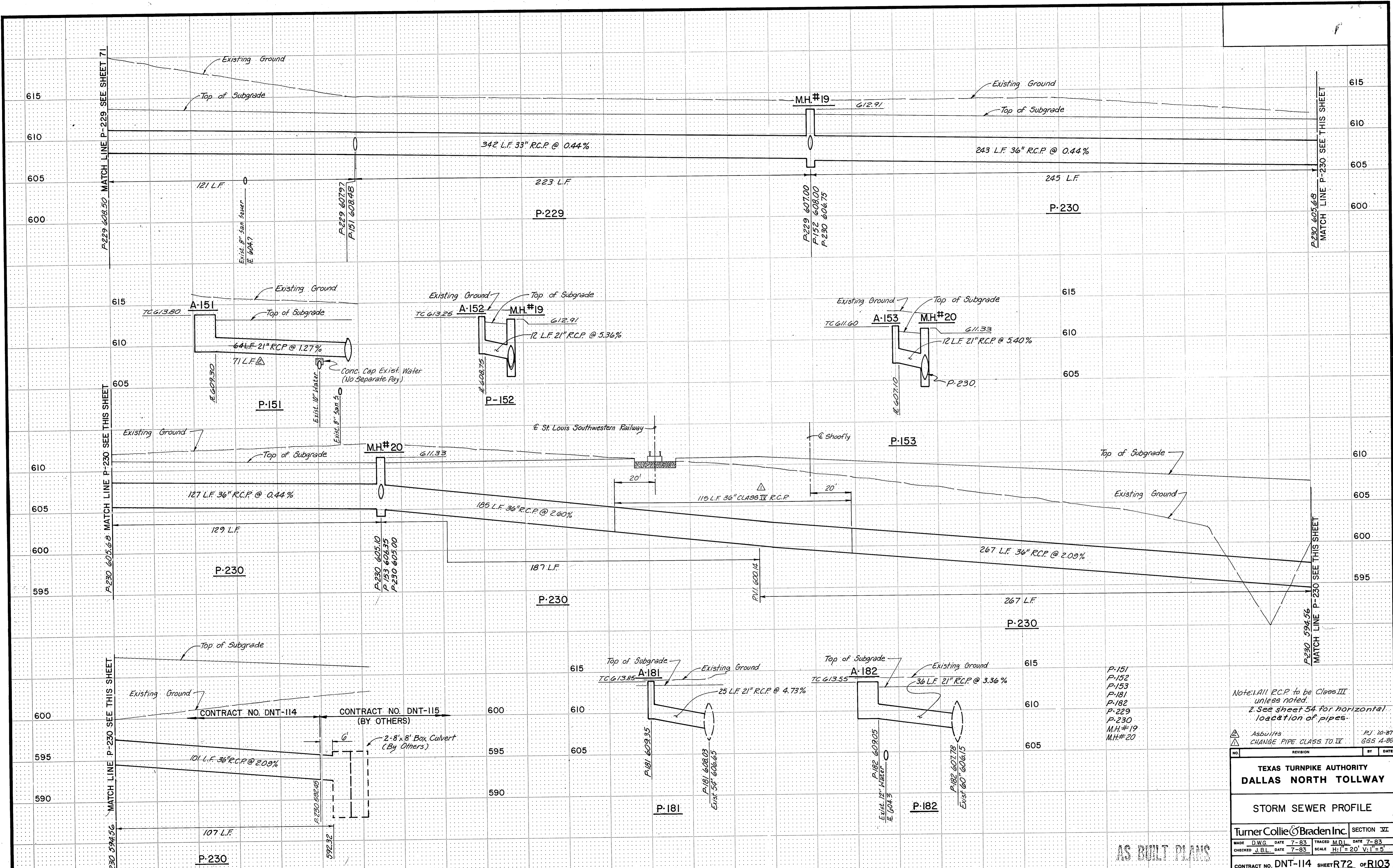


P-144
P-145
P-146
P-147
P-148
P-149
P-150
P-228
P-229
M.H.#17
M.H.#18

AS BUILT PLANS

NOTE: 1. All R.C.P. to be Class III unless noted.
2. See sheets 53 & 54 for horizontal location of pipe.

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.			SECTION VI
MADE	DWG. DATE 7-83	TRACED	M.D.L. DATE 7-83
CHECKED	J.B.L. DATE 7-83	SCALE	H:V = 20:1 V:1 = 5'



P-151
P-152
P-153
P-181
P-182
P-229
P-230
MH#19
MH#20

Note: 1. All R.C.P. to be Class III unless noted.
2. See sheet 54 for horizontal location of pipes.

Asbu/Its
CHANGE PIPE CLASS TO IV. RJ 10-87
665 4-85

NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY

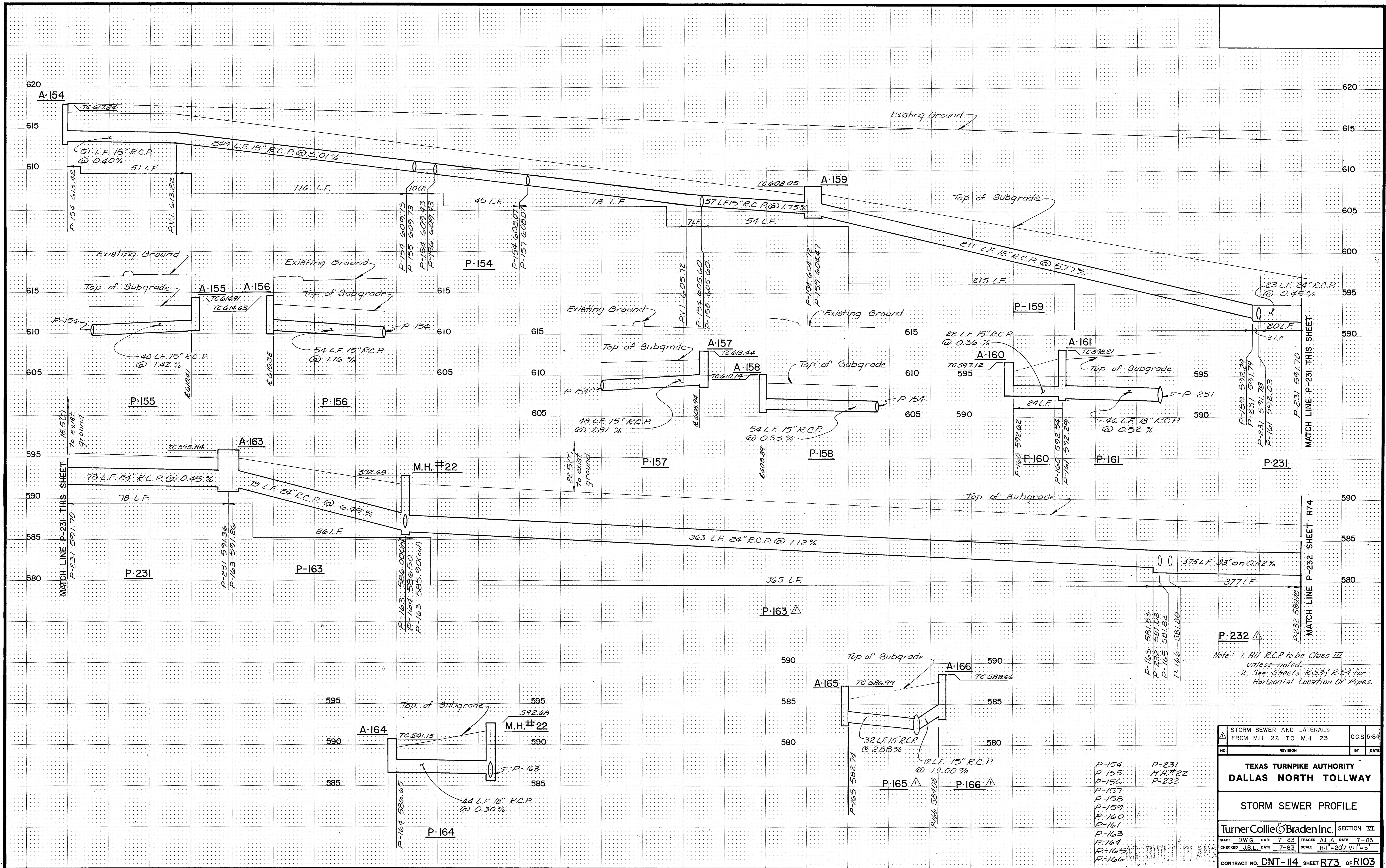
STORM SEWER PROFILE

Turner Collier & Braden Inc. SECTION VI

MADE DWG DATE 7-83 TRACED M.D.L. DATE 7-83
CHECKED J.B.L. DATE 7-83 SCALE H:1"=20' V:1"=5'

CONTRACT NO. DNT-114 SHEET R72 OF R103

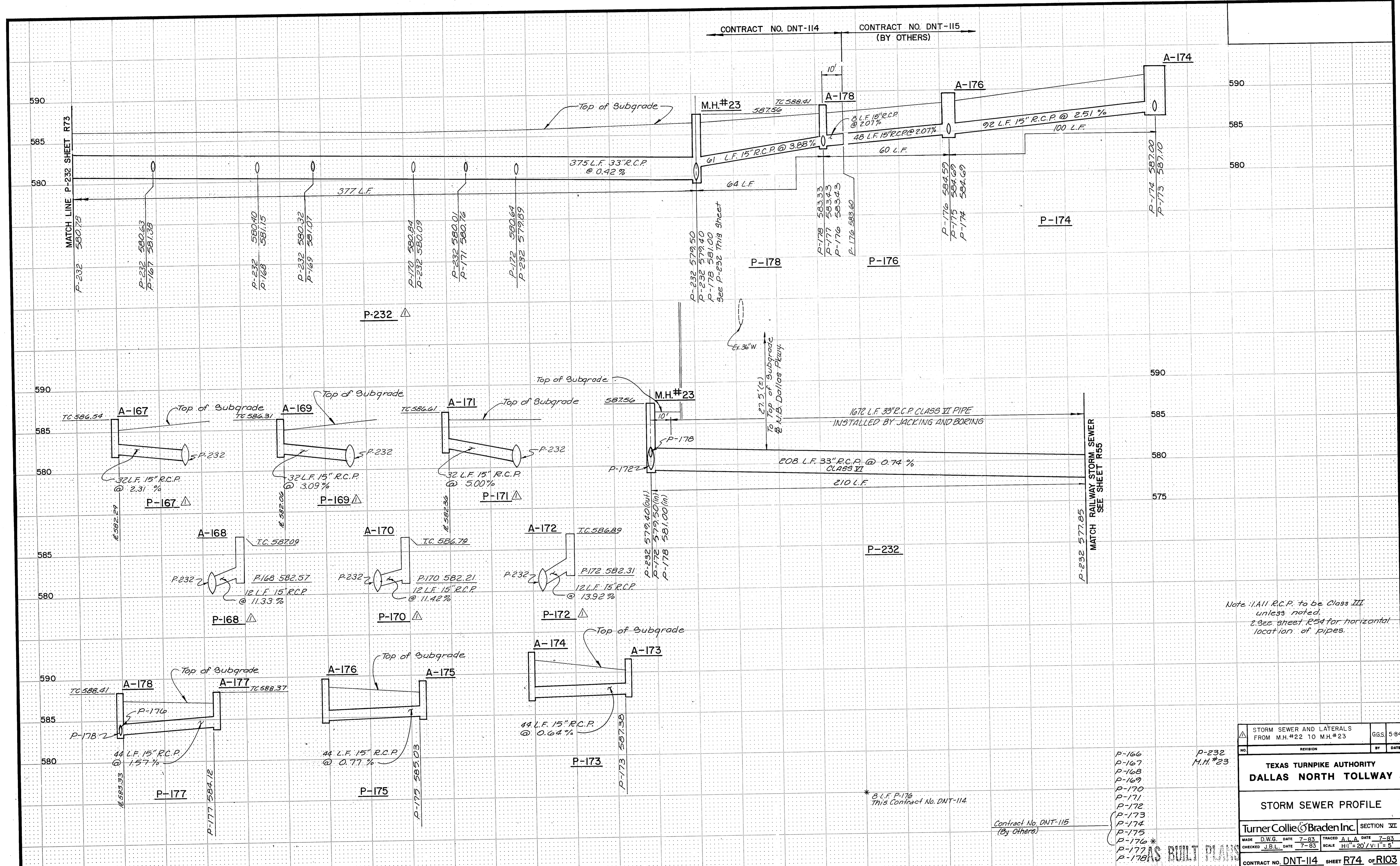
AS BUILT PLANS



Note: 1. All R.C.P. to be Class III unless noted.
 2. See Sheets R-53 & R-54 for Horizontal Location of Pipes.

STORM SEWER AND LATERALS FROM M.H. 22 TO M.H. 23		G.G.S-5-84
NO.	REVISION	BY DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY		
STORM SEWER PROFILE		
Turner Collie & Braden Inc.		SECTION VII
MADE DWG. DATE 7-83	TRACED A.L.A. DATE 7-83	
CHECKED J.B.L. DATE 7-83	SCALE H:V=20' V:1'=5'	
CONTRACT NO. DNT-114 SHEET R73 OF R103		

- P-154
- P-155
- P-156
- P-157
- P-158
- P-159
- P-160
- P-161
- P-163
- P-164
- P-165
- P-166
- P-231
- M.H.#22
- P-232



Note: All R.C.P. to be Class III unless noted. See sheet R54 for horizontal location of pipes.

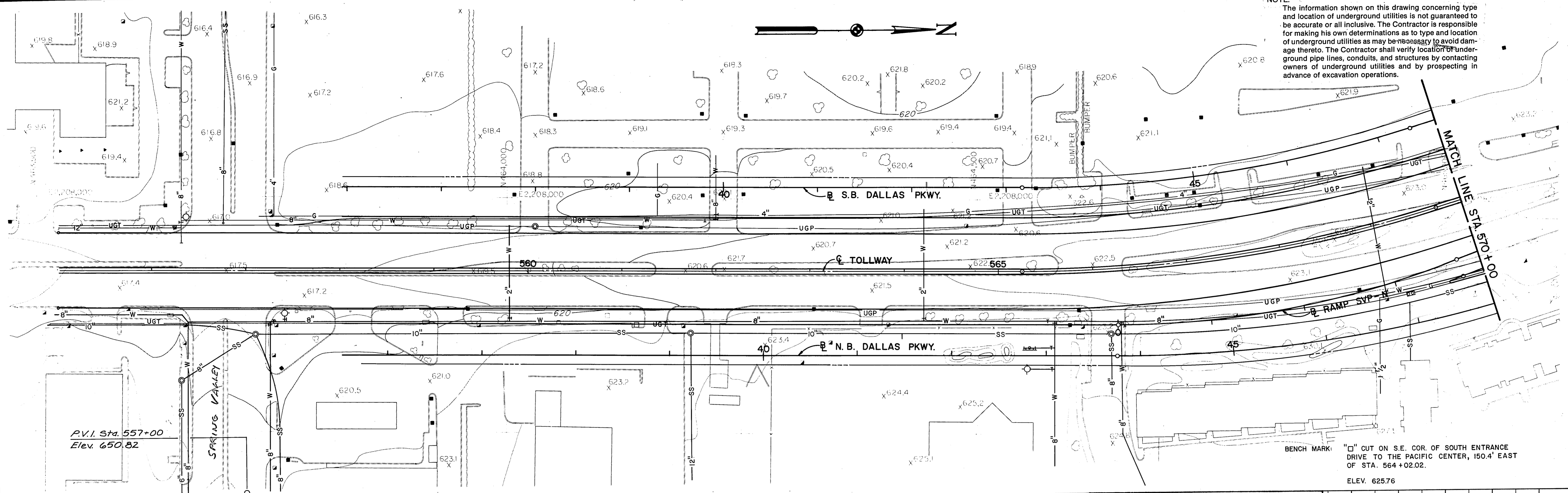
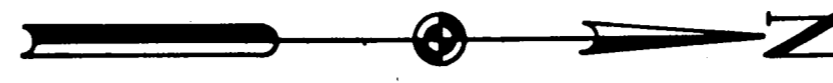
- P-166
 - P-167
 - P-168
 - P-169
 - P-170
 - P-171
 - P-172
 - P-173
 - P-174
 - P-175
 - P-176*
 - P-177
 - P-178
- M.H.#23

Contract No. DNT-115 (By Others)

* 8 L.F. P-176 This Contract No. DNT-114

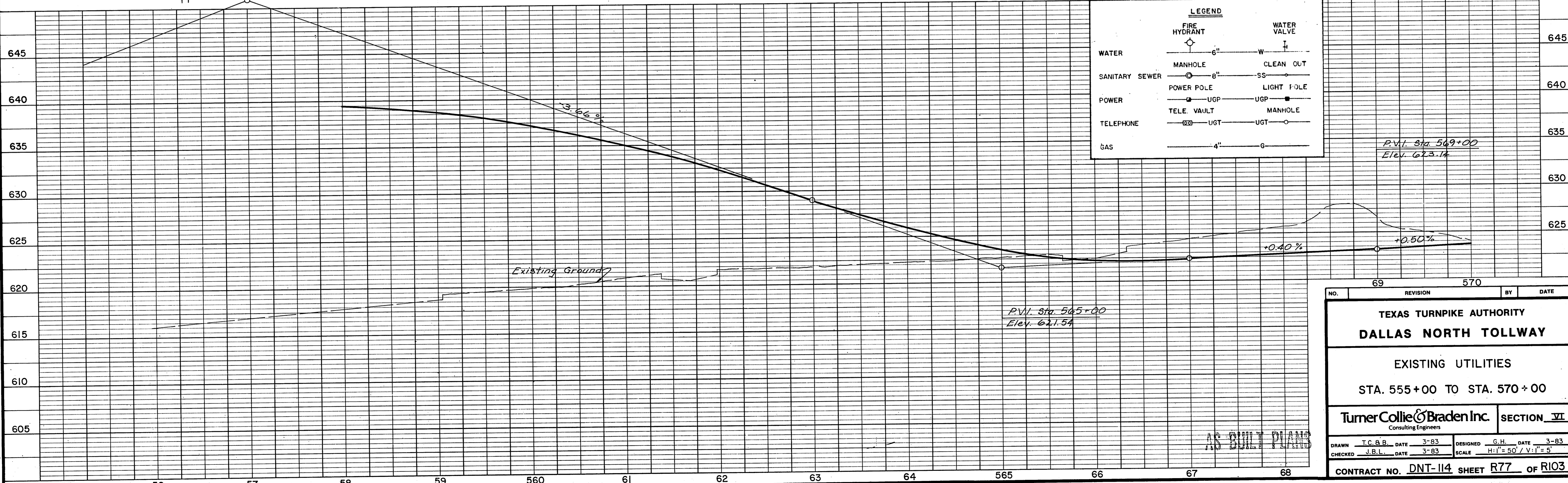
STORM SEWER AND LATERALS FROM M.H.#22 TO M.H.#23		GGS	5-84
NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
STORM SEWER PROFILE			
Turner Collie & Braden Inc.		SECTION VI	
MADE D.W.G. DATE 7-83	TRACED A.L.A. DATE 7-83		
CHECKED J.B.L. DATE 7-83	SCALE H ₁ " = 20' / V ₁ " = 5'		
CONTRACT NO. DNT-114		SHEET R74 OF R103	

NOTE: The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.



P.V.I. Sta. 557+00
Elev. 650.82

BENCH MARK: "□" CUT ON S.E. COR. OF SOUTH ENTRANCE DRIVE TO THE PACIFIC CENTER, 150.4' EAST OF STA. 564+02.02.
ELEV. 625.76



LEGEND	
FIRE HYDRANT	WATER VALVE
WATER 6" W	CLEAN OUT
SANITARY SEWER 8" SS	LIGHT POLE
POWER UGP	MANHOLE
TELEPHONE UGT	UGP
GAS 4" G	UGT

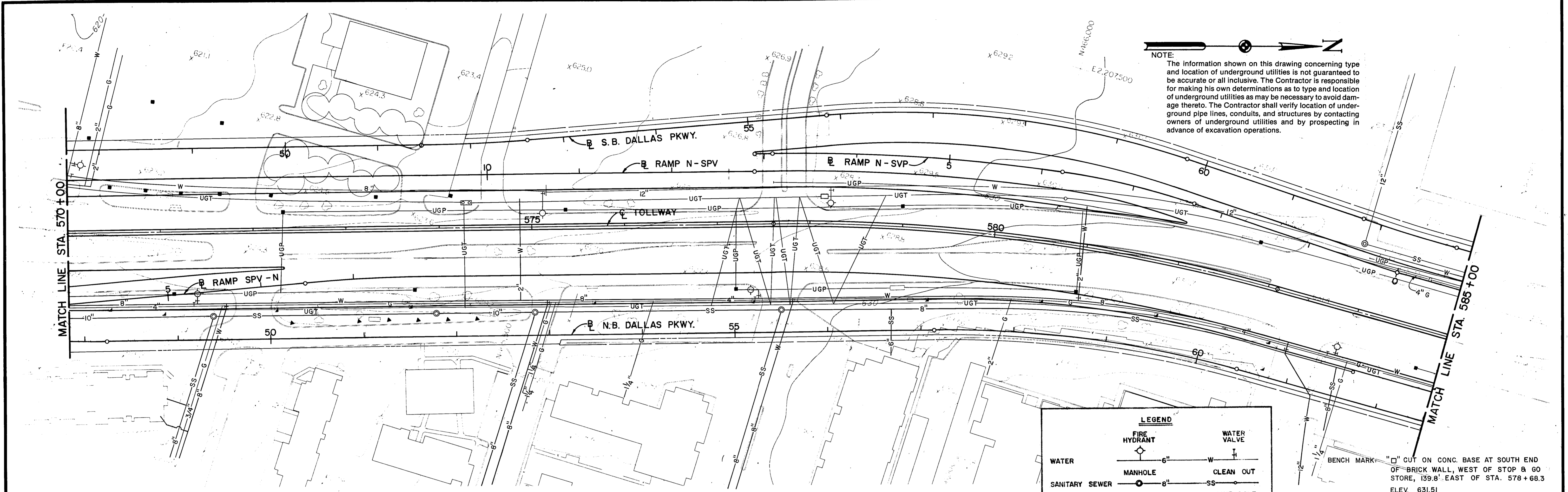
P.V.I. Sta. 569+00
Elev. 623.14

NO.	69	REVISION	570	BY	DATE
TEXAS TURNPIKE AUTHORITY					
DALLAS NORTH TOLLWAY					
EXISTING UTILITIES					
STA. 555+00 TO STA. 570+00					
Turner Collier & Braden Inc. Consulting Engineers					SECTION VI
DRAWN	T.C.B.B.	DATE	3-83	DESIGNED	G.H.
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1"=50' / V:1"=5'
CONTRACT NO. DNT-114 SHEET R77 OF R103					

AS BUILT PLANS

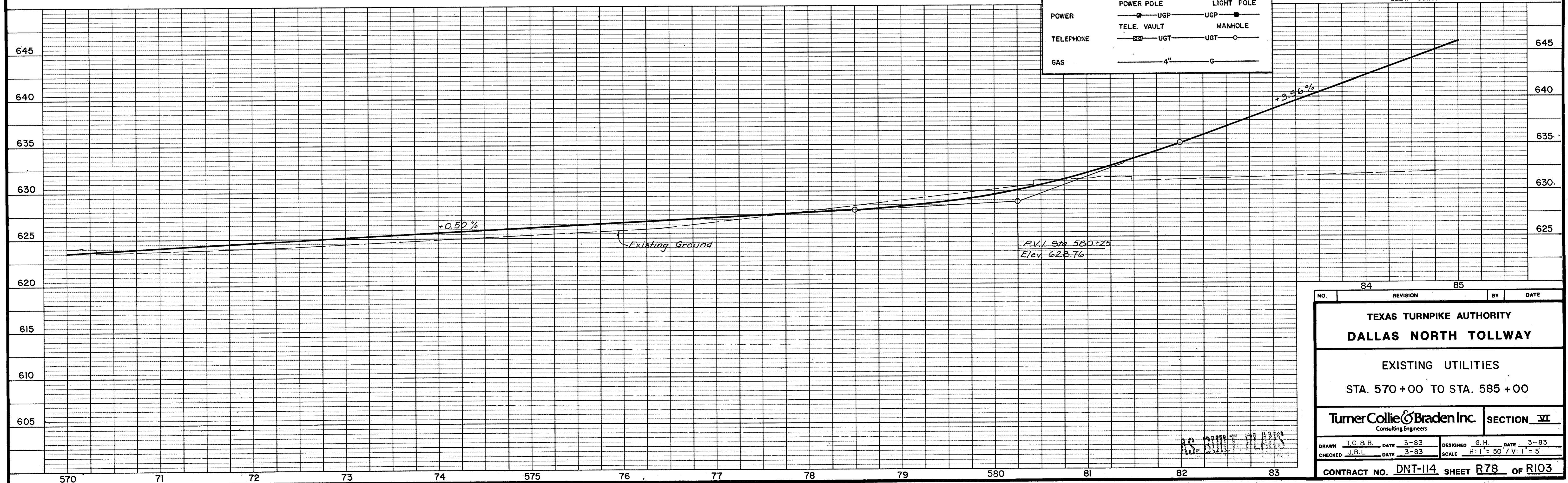


NOTE:
 The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.



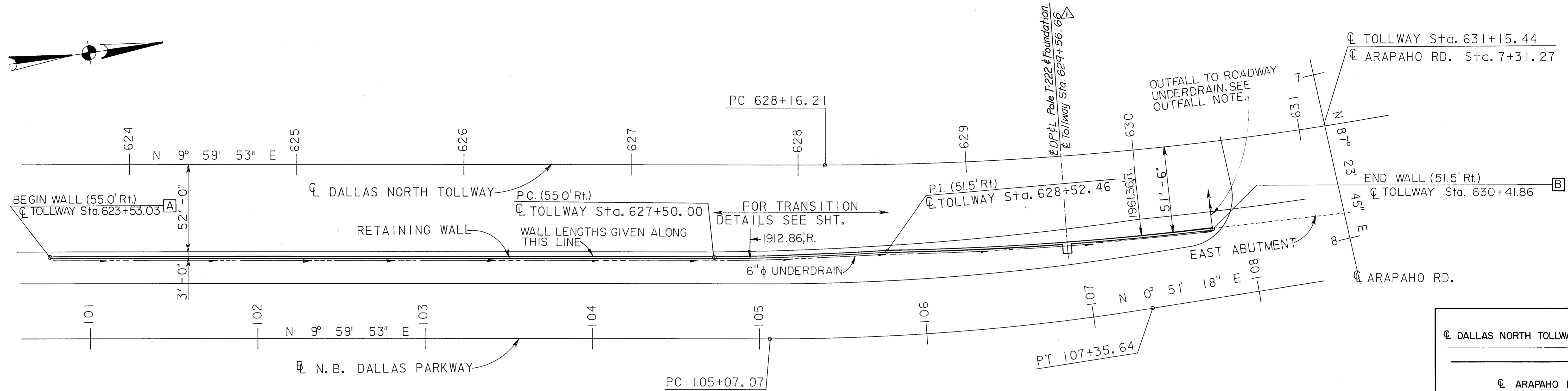
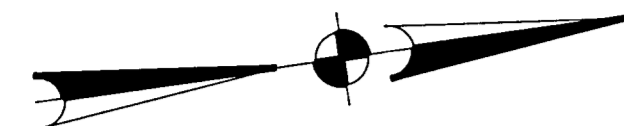
LEGEND	
WATER	6" W
SANITARY SEWER	8" SS
POWER	UGP
TELEPHONE	UGT
GAS	4" G
FIRE HYDRANT	Symbol
MANHOLE	Symbol
POWER POLE	Symbol
TELE. VAULT	Symbol
WATER VALVE	Symbol
CLEAN OUT	Symbol
LIGHT POLE	Symbol
MANHOLE	Symbol

BENCH MARK: "□" CUT ON CONC. BASE AT SOUTH END OF BRICK WALL, WEST OF STOP & GO STORE, 139.8' EAST OF STA. 578+68.3
 ELEV. 631.51



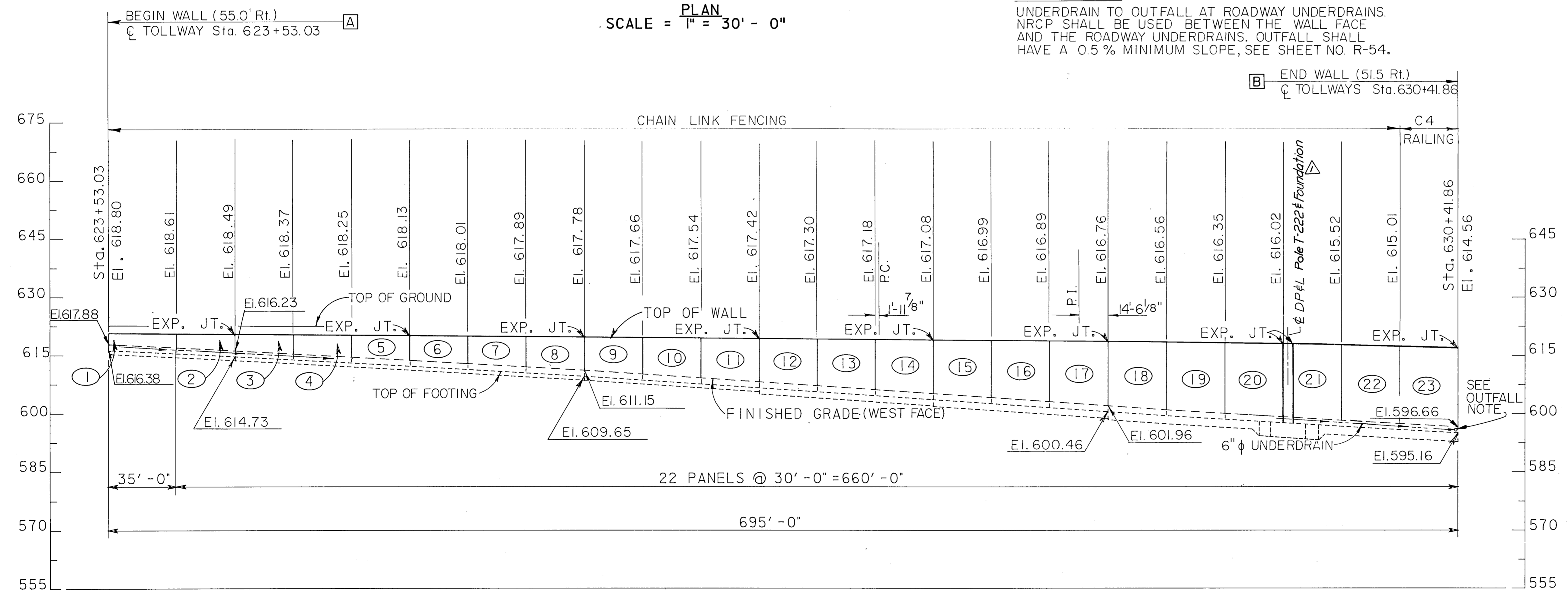
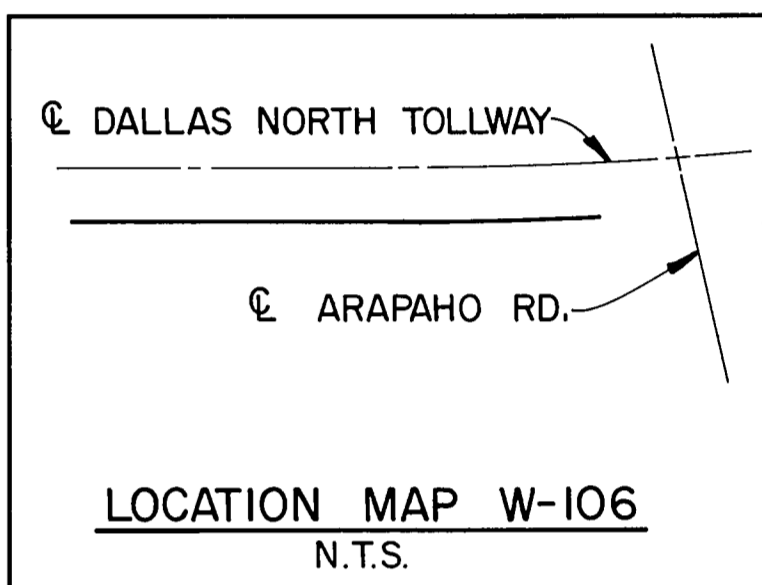
NO.	84	85	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY					
DALLAS NORTH TOLLWAY					
EXISTING UTILITIES					
STA. 570+00 TO STA. 585+00					
TurnerCollie & Braden Inc. Consulting Engineers					SECTION VI
DRAWN	T.C.B.	DATE	3-83	DESIGNED	G.H.
CHECKED	J.B.L.	DATE	3-83	SCALE	H:V = 50:1
CONTRACT NO. DNT-114 SHEET R78 OF R103					

AS-BUILT PLANS



SCALE = $\frac{\text{PLAN}}{1" = 30' - 0"}$

OUTFALL NOTE:
 UNDERDRAIN TO OUTFALL AT ROADWAY UNDERDRAINS. NRCP SHALL BE USED BETWEEN THE WALL FACE AND THE ROADWAY UNDERDRAINS. OUTFALL SHALL HAVE A 0.5% MINIMUM SLOPE, SEE SHEET NO. R-54.



- GENERAL NOTES:**
- FOR RETAINING WALL DESIGN AND DETAILS, SEE STANDARD DRAWING NUMBERS 42 AND 43.
 - FOR ABUTMENT DETAILS, SEE SHEET NUMBER
 - EXPANSION JOINTS ARE NOTED. ALL OTHER JOINTS SHALL BE CONTRACTION.
 - DENOTES PANEL NUMBER.
 - DENOTES MATCH POINT.
 - FOR TYPE C4 RAILING DETAILS, SEE STANDARD DRAWING NUMBER 33.

ASBUILT PLANS

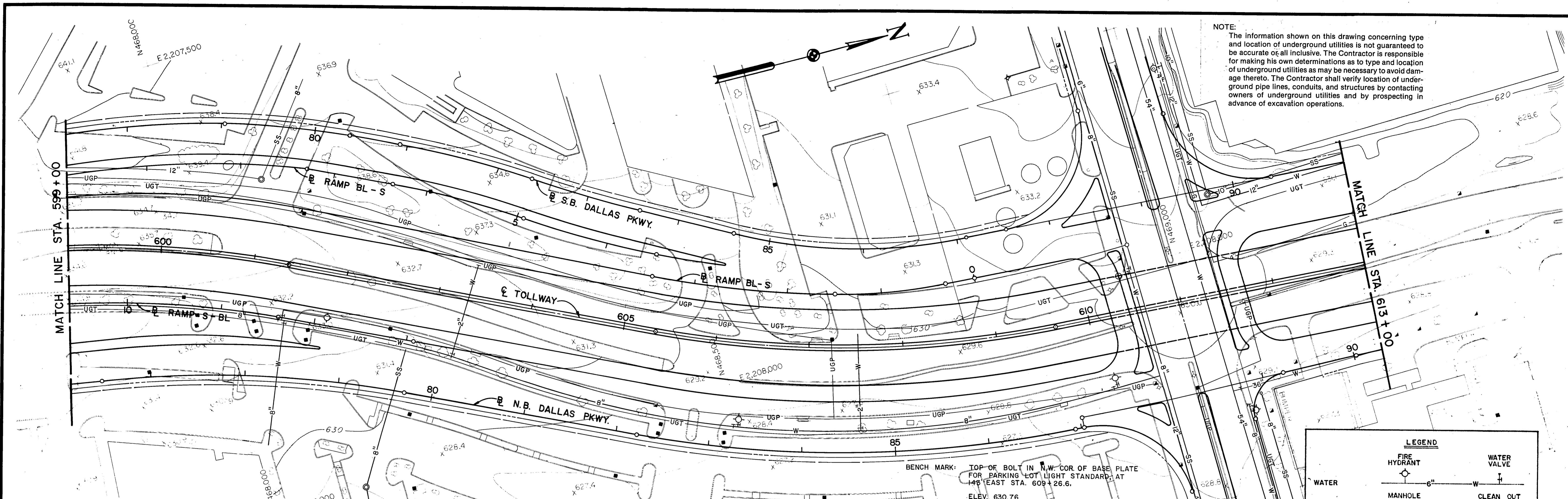
Add DP&L Pole # Foundation		AMM	7-20-85
NO	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
ARAPAHO ROAD ~ SOUTHEAST RETAINING WALLS			
PLAN AND ELEVATION			
TurnerCollie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN	RGD	DATE	8-83
DESIGNED	TJR	DATE	7-83
CHECKED	TJR	DATE	8-83
SCALE	AS NOTED		
CONTRACT NO. DNT-114 SHEET S-80 OF S-85			

ESTIMATED QUANTITY SUMMARY			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
423	RETAINING WALL (OPTIONAL)	S.F.	7,207
450	RAILING (WALL) (TYPE C4)	L.F.	30.0
450	RAILING (WALL) (PARAPET ONLY)	L.F.	665.0
556	PIPE UNDERDRAIN (6") (N.R.C.P.)	L.F.	11

WALL NO. W-106

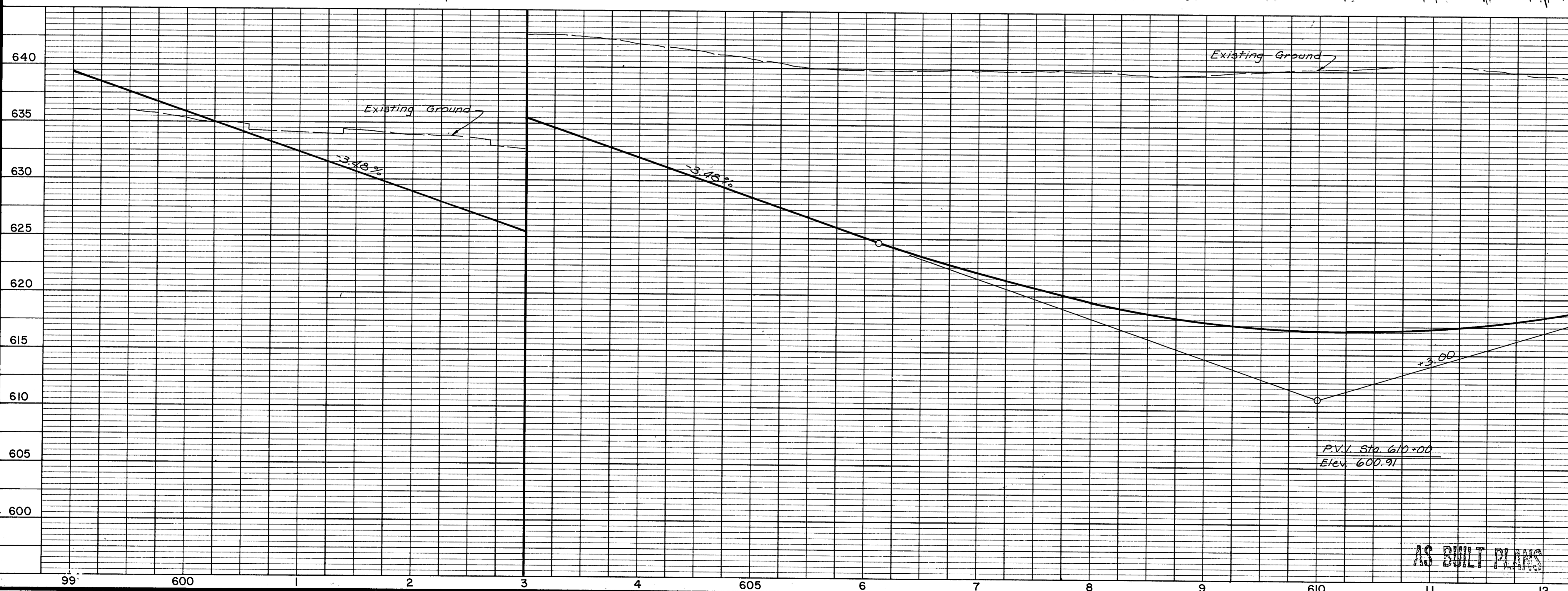
ELEVATION
 (LOOKING WEST)
 SCALE = $1" = 30' - 0"$ HORIZ.
 $1" = 15' = 0"$ VERT.

NOTE:
The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.



BENCH MARK: TOP OF BOLT IN N.W. COR. OF BASE PLATE FOR PARKING LOT LIGHT STANDARD AT 148' EAST STA. 609+26.6. ELEV. 630.76

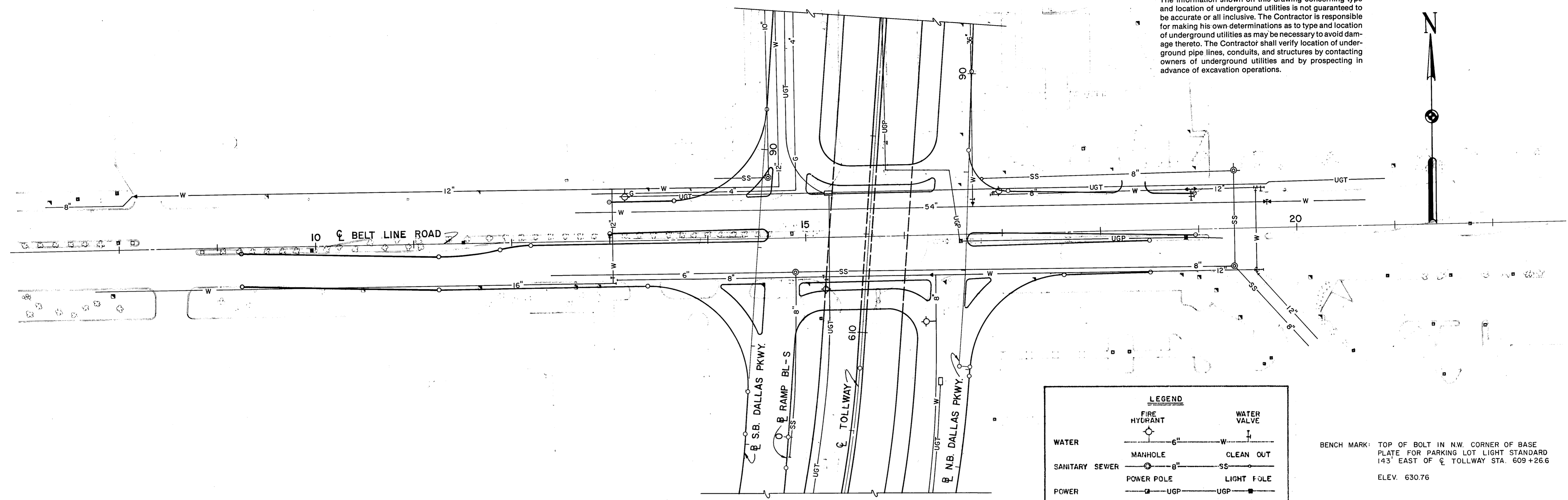
LEGEND	
FIRE HYDRANT	WATER VALVE
WATER 6" W	CLEAN OUT SS
MANHOLE	LIGHT POLE UGP
SANITARY SEWER 8" SS	TELE. VAULT UGT
POWER UGP	MANHOLE UGT
TELEPHONE UGT	GAS 4" G



AS BUILT PLANS

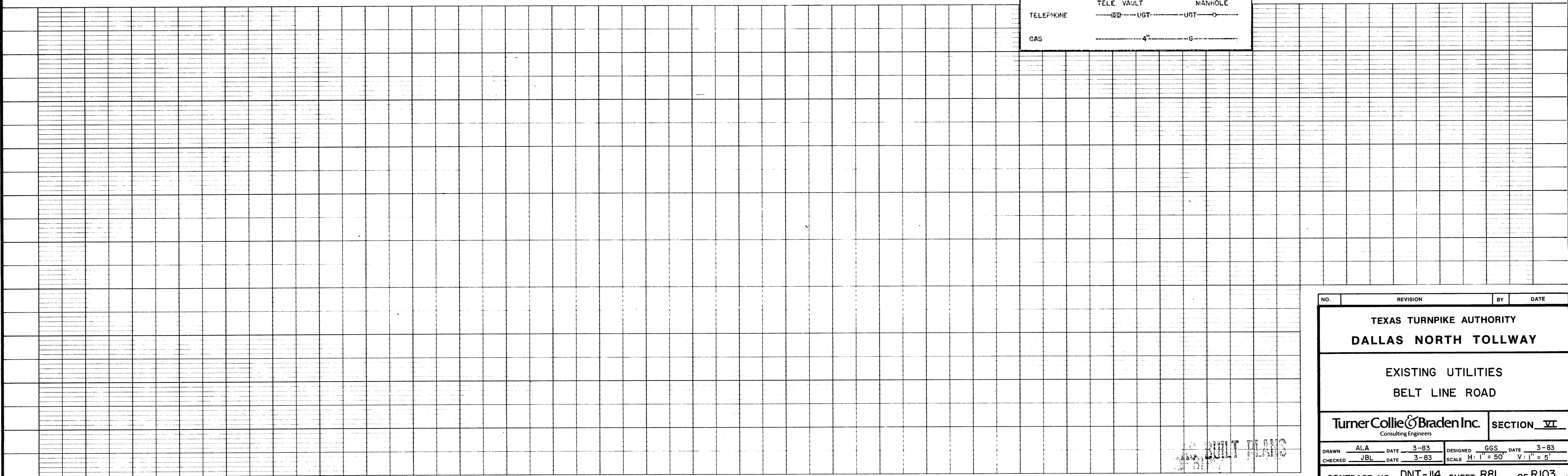
NO.	13	REVISION	14	BY	DATE
TEXAS TURNPIKE AUTHORITY					
DALLAS NORTH TOLLWAY					
EXISTING UTILITIES					
STA. 599+00 TO STA. 613+00					
Turner Collie & Braden Inc. Consulting Engineers					SECTION VI
DRAWN	T.C.B.B.	DATE	3-83	DESIGNED	G.H. DATE 3-83
CHECKED	J.B.L.	DATE	3-83	SCALE	H:1"=50' / V:1"=5'
CONTRACT NO. DNT-114 SHEET R80 OF R103					

NOTE:
The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.

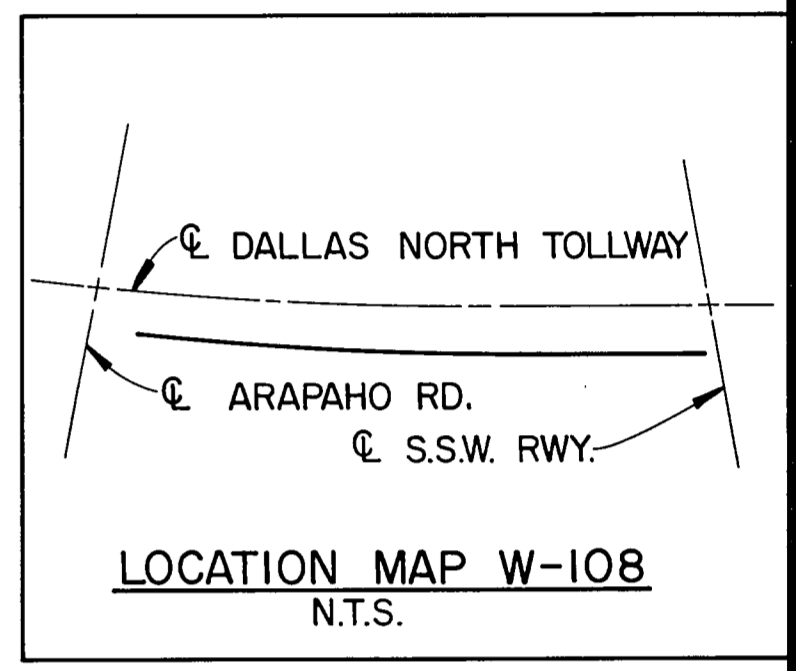
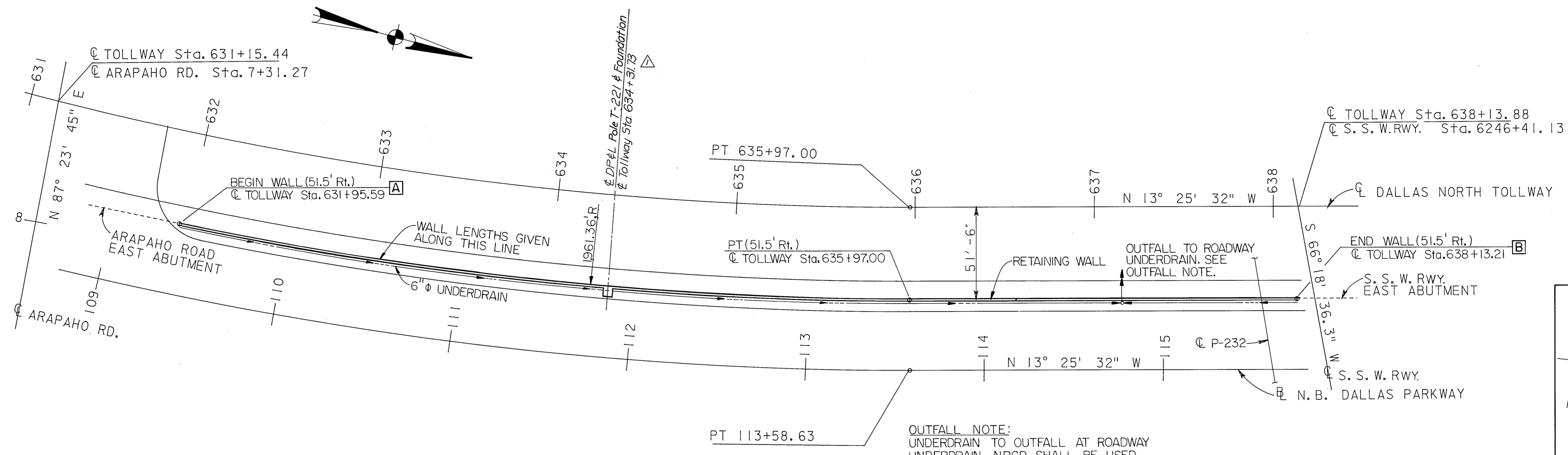


LEGEND	
WATER	6" W
SANITARY SEWER	8" SS
POWER	UGP
TELEPHONE	UGT
GAS	4" G
FIRE HYDRANT	○
MANHOLE	○
POWER POLE	□
TELE. VAULT	⊗
WATER VALVE	⊥
CLEAN OUT	○
LIGHT POLE	□
MANHOLE	○

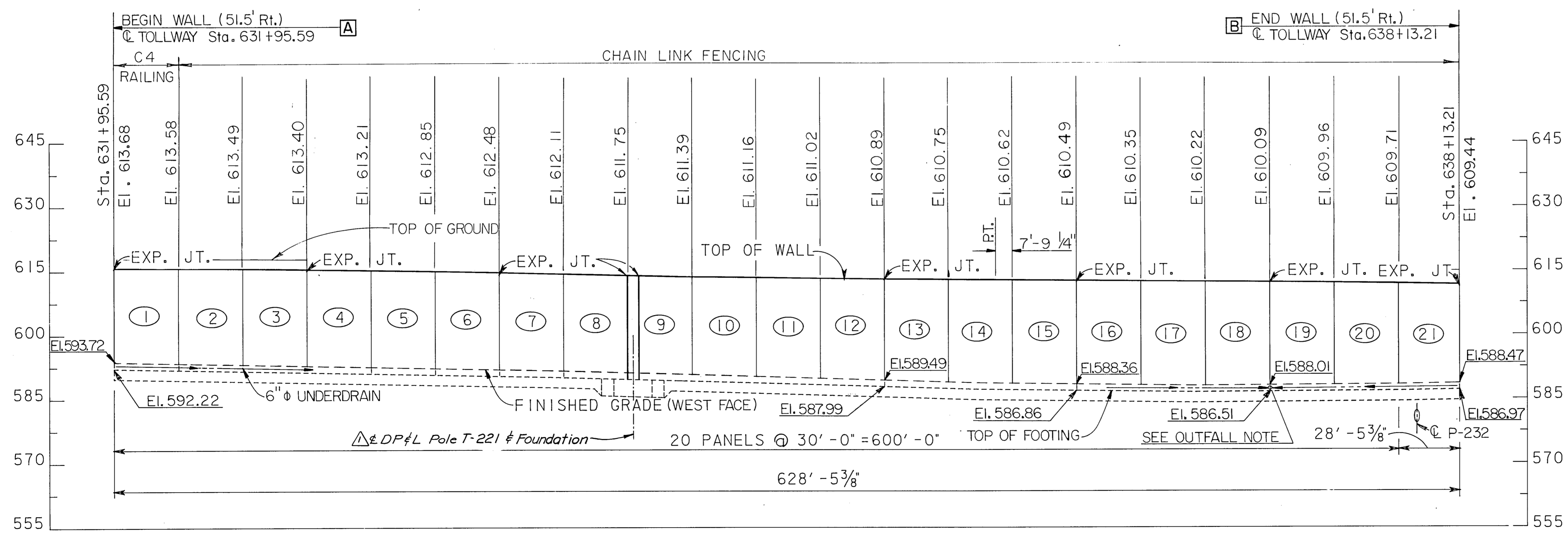
BENCH MARK: TOP OF BOLT IN N.W. CORNER OF BASE PLATE FOR PARKING LOT LIGHT STANDARD 143' EAST OF ♀ TOLLWAY STA. 609+26.6
ELEV. 630.76



NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY			
DALLAS NORTH TOLLWAY			
EXISTING UTILITIES			
BELT LINE ROAD			
Turner Collie & Braden Inc. Consulting Engineers			SECTION VI
DRAWN ALA	DATE 3-83	DESIGNED GGS	DATE 3-83
CHECKED JBL	DATE 3-83	SCALE H: 1" = 50'	V: 1" = 5'
CONTRACT NO. DNT-114 SHEET R81 OF R103			



GENERAL NOTES:
 FOR RETAINING WALL DESIGN AND DETAILS, SEE STANDARD DRAWING NUMBERS 42 AND 43.
 FOR ABUTMENT DETAILS, SEE SHEET NUMBER
 EXPANSION JOINTS ARE NOTED. ALL OTHER JOINTS SHALL BE CONTRACTION.
 ○ DENOTES PANEL NUMBER.
 □ DENOTES MATCH POINT.
 FOR TYPE C4 RAILING DETAILS, SEE STANDARD DRAWING NUMBER 33.



ASBUILT PLANS

NO.	REVISION	BY	DATE
	Add DP&L Pole & Foundation	AMM	7-20-85

TEXAS TURNPIKE AUTHORITY
DALLAS NORTH TOLLWAY
 ARAPAHO ROAD - S.S.W. RAILWAY - EAST
 RETAINING WALLS
 PLAN AND ELEVATION

Turner Collie & Braden Inc. Consulting Engineers SECTION VI

DRAWN	RGD	DATE	8-83	DESIGNED	TJR	DATE	7-83
CHECKED	TJR	DATE	8-83	SCALE	AS NOTED		

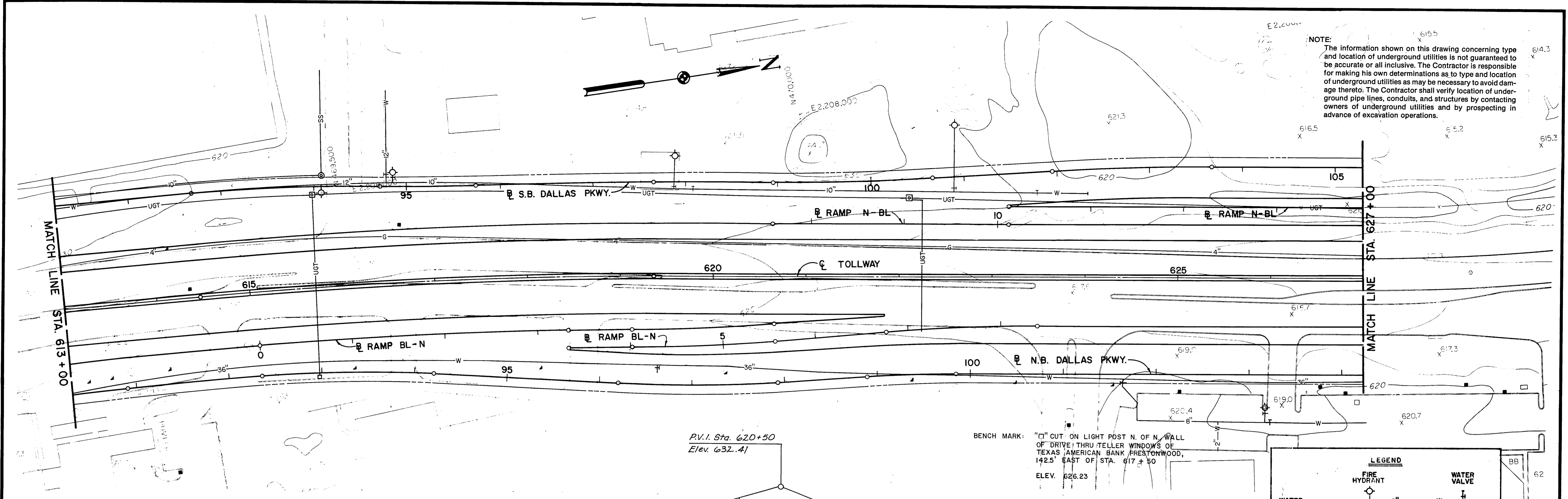
CONTRACT NO. DNT-114 SHEET S-82 OF S-85

ESTIMATED QUANTITY SUMMARY

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
423	RETAINING WALL (OPTIONAL)	S.F.	13,581
450	RAILING (WALL) (TYPE C4)	L.F.	30.0
450	RAILING (WALL) (PARAPET ONLY)	L.F.	598.4
556	PIPE UNDERDRAIN (6") (N.R.C.P)	L.F.	11

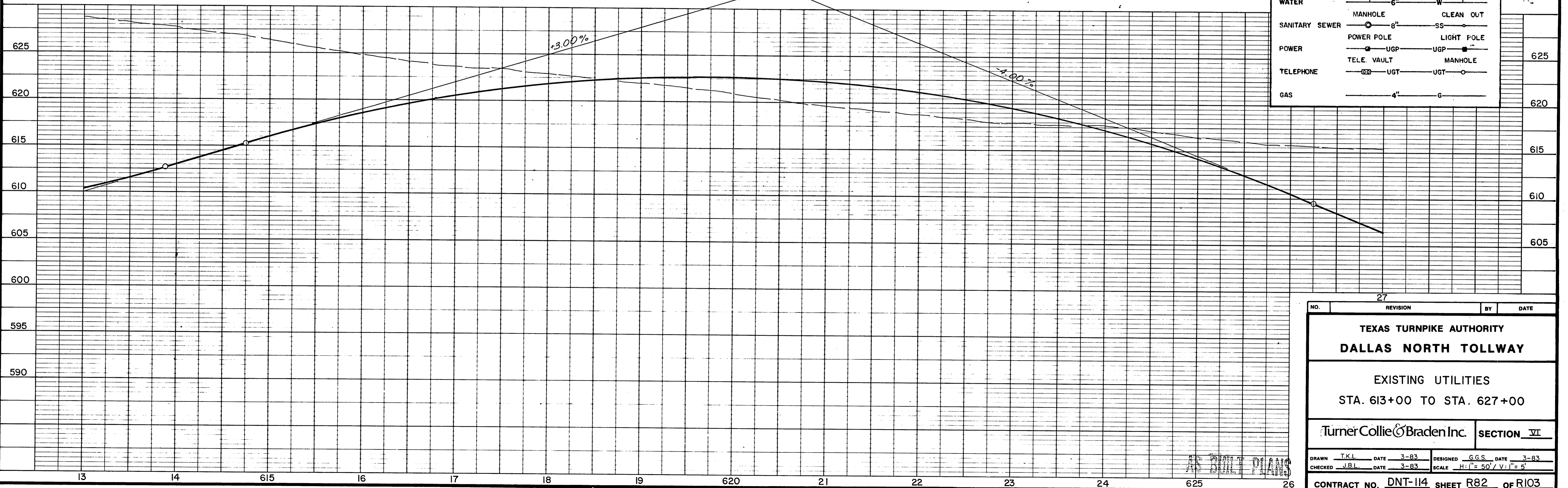
WALL NO. W-108

NOTE:
 The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto. The Contractor shall verify location of underground pipe lines, conduits, and structures by contacting owners of underground utilities and by prospecting in advance of excavation operations.



P.V.I. Sta. 620+50
 Elev. 632.41

BENCH MARK: "C" CUT ON LIGHT POST N. OF N. WALL OF DRIVE THRU TELLER WINDOWS OF TEXAS AMERICAN BANK PRESTONWOOD, 142.5' EAST OF STA. 617+50
 ELEV. 626.23



LEGEND	
FIRE HYDRANT	WATER VALVE
MANHOLE	CLEAN OUT
POWER POLE	LIGHT POLE
TELE. VAULT	MANHOLE
GAS	

NO.	REVISION	BY	DATE
TEXAS TURNPIKE AUTHORITY DALLAS NORTH TOLLWAY			
EXISTING UTILITIES STA. 613+00 TO STA. 627+00			
TurnerCollie&Braden Inc.			SECTION VI
DRAWN	T.K.L.	DATE	3-83
DESIGNED	G.G.S.	DATE	3-83
CHECKED	J.B.L.	DATE	3-83
SCALE	H: 1" = 50' / V: 1" = 5'		
CONTRACT NO. DNT-114 SHEET R82 OF R103			