

DALLAS CR 97(449)

DESIGN	FED. RD. DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
GRAPHICS	6	CM 97 (449)	1
CHECKED	STATE	STATE DIST.	COUNTY
	TEXAS	DALLAS	DALLAS
CHECKED	CONT.	SECT.	JOB
	8050	18	034 BELT LINE RD.

# STATE OF TEXAS DEPARTMENT OF TRANSPORTATION

## PLANS OF PROPOSED STATE HIGHWAY IMPROVEMENT

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### NOTE:

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, MARCH 1, 1993, AND THE CONTRACT PROVISIONS LISTED AND DATED AS FOLLOWS SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, DECEMBER, 1993).

THE CONTRACTOR SHALL PROVIDE AND ERECT BARRICADES AND WARNING SIGNS IN ACCORDANCE WITH BC(1) THRU BC(9C)-1998 AT POINTS INDICATED AND AT OTHER POINTS AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL MAKE HIS OWN INVESTIGATION AND ARRANGEMENTS FOR RAIL DELIVERY POINTS AND TRACKAGE FACILITIES.

DESIGN SPEED = 40 MPH (BELT LINE RD. & MIDWAY RD.)  
30 MPH (QUORUM DR.)

CM 97 (449)  
FEDERAL AID PROJECT  
CSJ : 8050-18-034  
NET LENGTH OF PROJECT : ROADWAY = 1757.94 FT = 0.333 MI

BELT LINE ROAD  
DALLAS COUNTY

LIMITS : AT MIDWAY ROAD  
AT QUORUM DRIVE

TYPE : MISCELLANEOUS WORK  
CONSISTING OF : GRADING, DRAINAGE, CONCRETE PAVEMENT,  
SIDEWALK, SIGNALS, PAVEMENT MARKINGS AND SIGNS

### FINAL PLANS

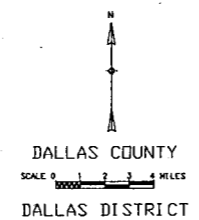
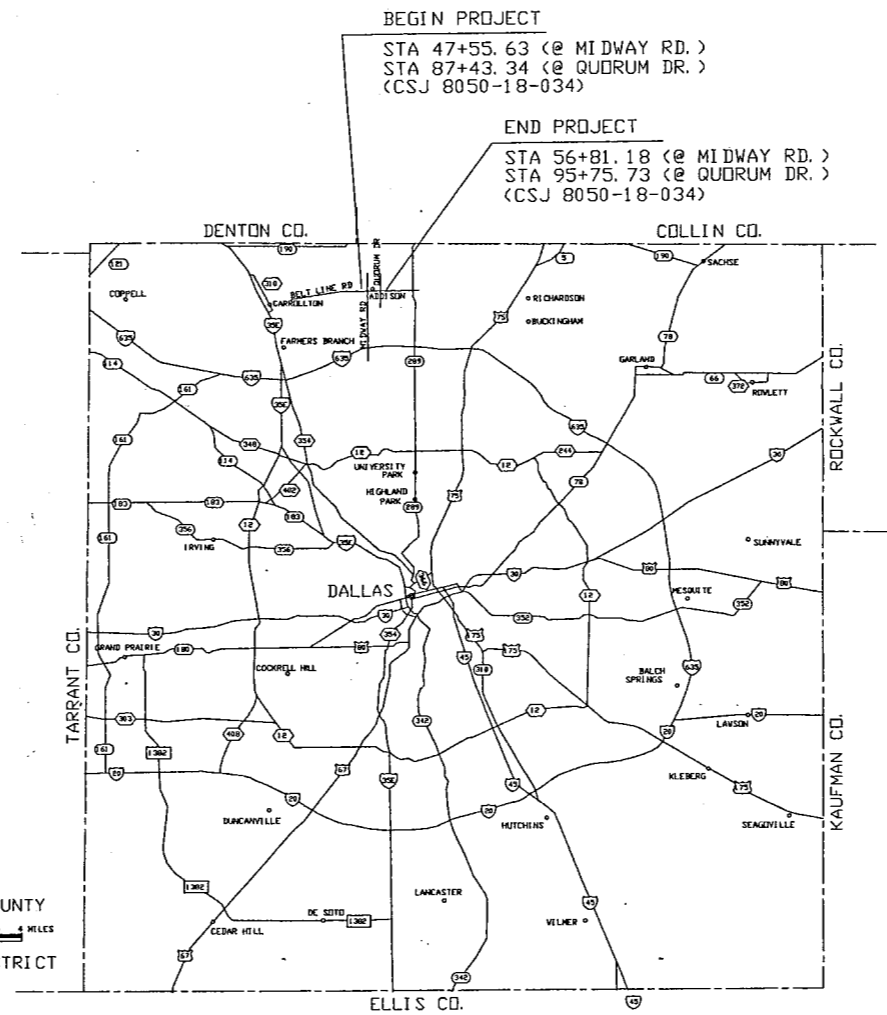
CONTRACTOR NAME: \_\_\_\_\_  
DATE OF LETTING: 08/03/1999  
DATE CONTRACTOR BEGAN WORK : 01/25/2000  
DATE WORK COMPLETED AND ACCEPTED: 10/18/2000  
LIST OF APPROVED FIELD CHANGES: \_\_\_\_\_

### DALLAS DISTRICT STANDARDS

SHEET NO.	DESCRIPTION
50	TRAFFIC SIGNAL HEAD IDENTIFICATION
51	PEDESTRIAN SIGNAL HEAD IDENTIFICATION
52	SERVICE POLE DETAILS
53	LOOP DETECTOR DETAILS
54	SIGNS
55	PAVEMENT MARKING DETAILS
55A	MA-D-96 (DAL)
55B	SMA-80(1)-96 (DAL)
55C	SMA-80(2)-96 (DAL)

### STANDARD SHEETS

SHEET NO.	DESCRIPTION
56	CPCD-94
57	JS-94
58-60	W(1), (2), (3)-95
61	RPM(1)-92
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73	EC(1)-93
74	ED(1)-98
75	ED(2)-98
76	ED(3)-98
77	ED(5)-98
78	TS-FD-96 (MOD)
79	TCP NOTES-98
80	SMD(1-5)-98
81	WZ(BD)-97
82	WZ(CD)-94
83-84	WZ(BTS-1), (BTS-2)-98
85	MA-C-96
86	RID(1)-98
87	RID(2)-98
88	RID(3)-98
89	OMIT
90	RW(CB)



NO EXCEPTIONS  
NO EQUATIONS  
NO RAILROAD CROSSINGS

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### TEXAS DEPARTMENT OF TRANSPORTATION

CONCURRENCE 4/30/99  
*Jeff W. ...*  
CITY ENGINEER  
TOWN OF ADDISON

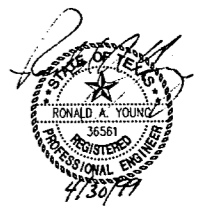
CONCURRENCE 4/30/99  
*Ali ...*  
PROJECT MANAGER  
DALLAS AREA RAPID TRANSIT

SUBMITTED FOR LETTING 4/30/99  
*Ronald ...*  
VICE PRESIDENT  
BARTON-ASCHMAN ASSOCIATES, INC.

SUBMITTED FOR LETTING 5-3-99  
*L. G. ...*  
AREA ENGINEER

RECOMMENDED FOR LETTING 5-5-99  
*Charles R. ...*  
DIR. OF TRANSP. PLANNING & DEVELOPMENT

RECOMMENDED FOR LETTING 5/6/99  
*Jay ...*  
DISTRICT ENGINEER

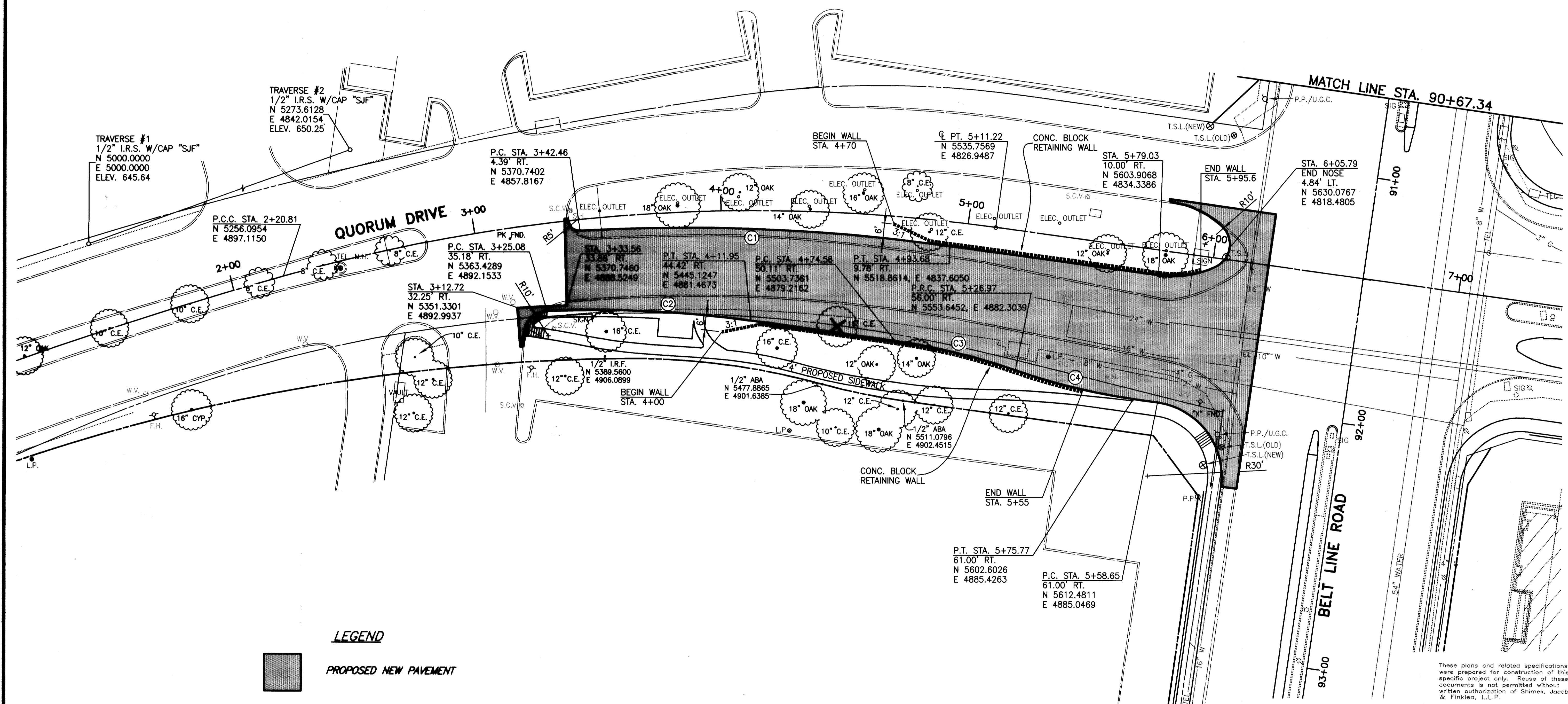
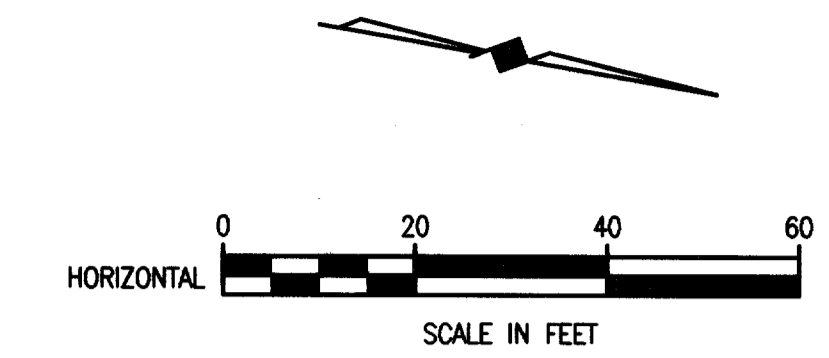


APPROVED FOR LETTING  
*...*  
DIRECTOR, TRAFFIC OPERATIONS DIVISION

APPROVED FOR LETTING 6-7-99  
*...*  
for DIRECTOR, DESIGN DIVISION

THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.  
*R. Craig Miser*, P.E. 5/3/99  
R. CRAIG MISER, P.E. DATE

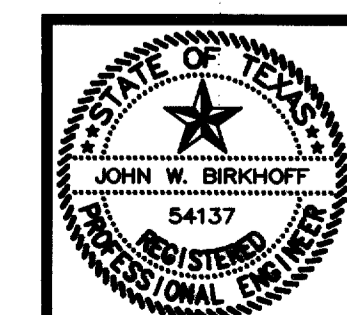
C1 CURVE DATA	C2 CURVE DATA	C3 CURVE DATA	C4 CURVE DATA	CENTER LINE CURVE DATA
$\Delta = 11^{\circ}08'29"$	$\Delta = 10^{\circ}30'19"$	$\Delta = 11^{\circ}28'46"$	$\Delta = 11^{\circ}15'40"$	$\Delta = 23^{\circ}46'13"$
R = 770.00'	R = 450.00'	R = 250.00'	R = 250.00'	R = 700.00'
T = 75.10'	T = 41.37'	T = 25.13'	T = 24.65'	T = 147.32'
L = 149.73'	L = 82.51'	L = 50.09'	L = 49.14'	L = 290.41'



**LEGEND**  
 [Grey Box] PROPOSED NEW PAVEMENT  
 [Hatched Box] BARRIER FREE RAMP  
 [X] TREE REMOVAL

BENCHMARK:  
 "□" CUT ON THE NORTH END OF A CONCRETE RETAINING WALL ON THE EAST SIDE OF QUORUM DRIVE AT THE NORTHWEST CORNER OF THE MARTIOT HOTEL APPROX. 900' SOUTH OF THE INTERSECTION ON BELT LINE AND QUORUM DRIVE.  
 ELEV. 649.13

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.  
*John W. Birkhoff*  
 DATE: 6/9/00



<b>CITY OF ADDISON, TEXAS</b>			
<b>QUORUM DRIVE / BELT LINE ROAD PAVING PLAN</b>			
<b>SHIMEK, JACOBS &amp; FINKLEA, L.L.P.</b> CONSULTING ENGINEERS Dallas, Texas			
DESIGNED BY: J.W.B.	PROJECT: 2000-131	SHEET NO. 1	
DRAWN BY: E.W.H.	DATE: MAY 2000	OF 7 SHEETS	

FF-9

REF: PAVEMENT-BAS 2000131-01.DWG 06/09/00 EWH

These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Shimek, Jacobs & Finklea, L.L.P.

BENCHMARK :

" □ " CUT ON THE RADIUS OF PARKING ISLAND IN SAM'S CLUB PARKING LOT 75' SOUTH OF BELT LINE ROAD AND 80 WEST OF THE EAST ENTRANCE OF SAM'S CLUB. (STA 47+52, 103' RT)

LEGEND :

- PGL PROFILE GRADE LINE
- PC POINT OF CURVATURE
- PT POINT OF TANGENCY
- PRC POINT OF REVERSE CURVE
- PCC POINT OF COMPOUND CURVE
- PCR POINT OF CURB RETURN
- EX EXISTING
- RT RIGHT
- LT LEFT
- BARRIER FREE RAMP
- PROP. NEW PAVEMENT
- EX. SPOT GUTTER ELEV.

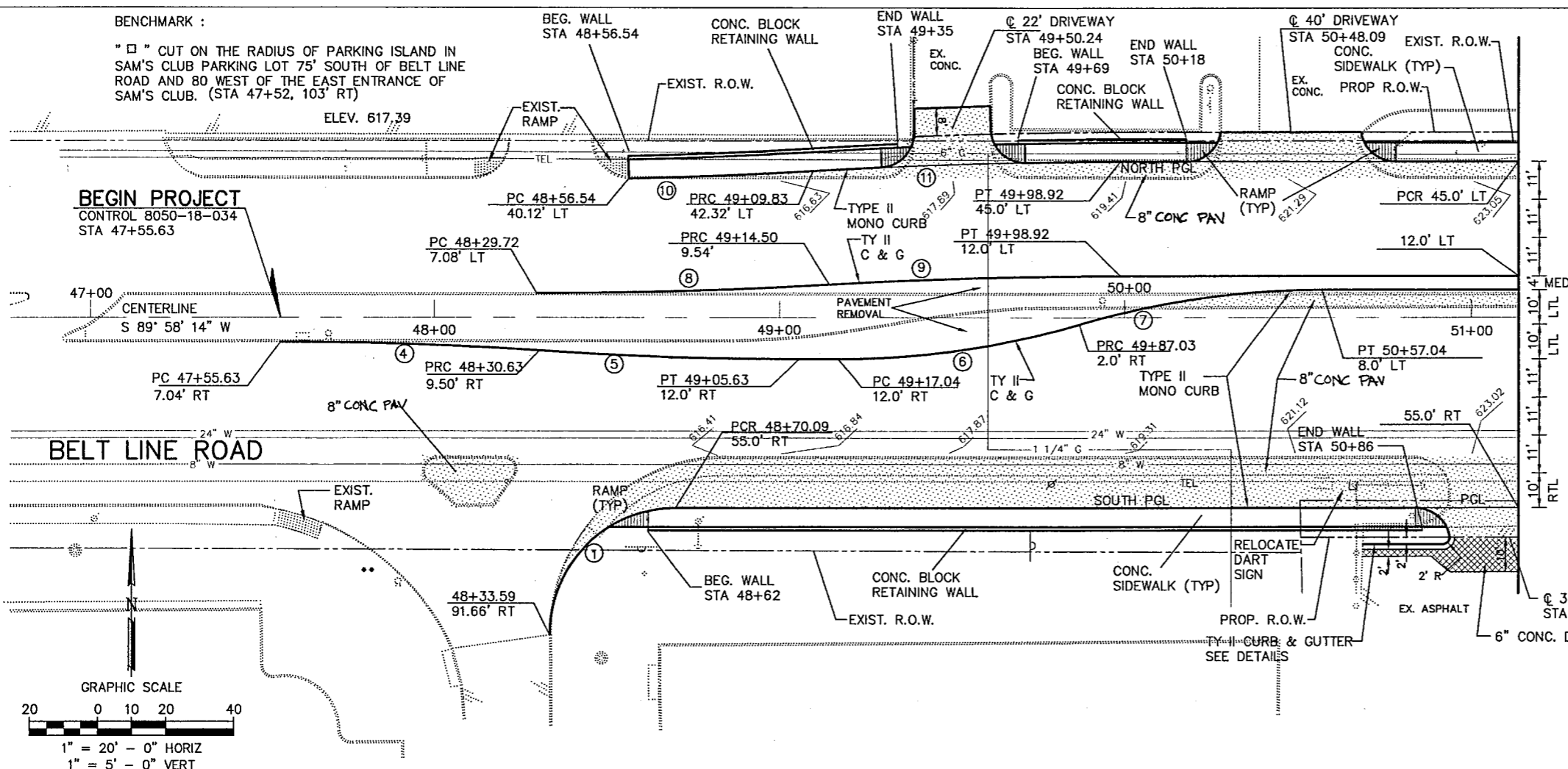
CURVE TABLE

NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
①	90° 14' 46"	36.5'	57.49'	7	16° 15' 37"	250.0'	70.95'
4	03° 49' 06"	1126.25'	75.06'	8	03° 21' 06"	1450.0'	84.82'
5	03° 49' 06"	1126.25'	75.06'	9	03° 20' 16"	1450.0'	84.47'
6	16° 15' 37"	250.0'	70.95'	10	02° 09' 32"	1417.0'	53.39'
				11	03° 26' 31"	1483.0'	89.09'

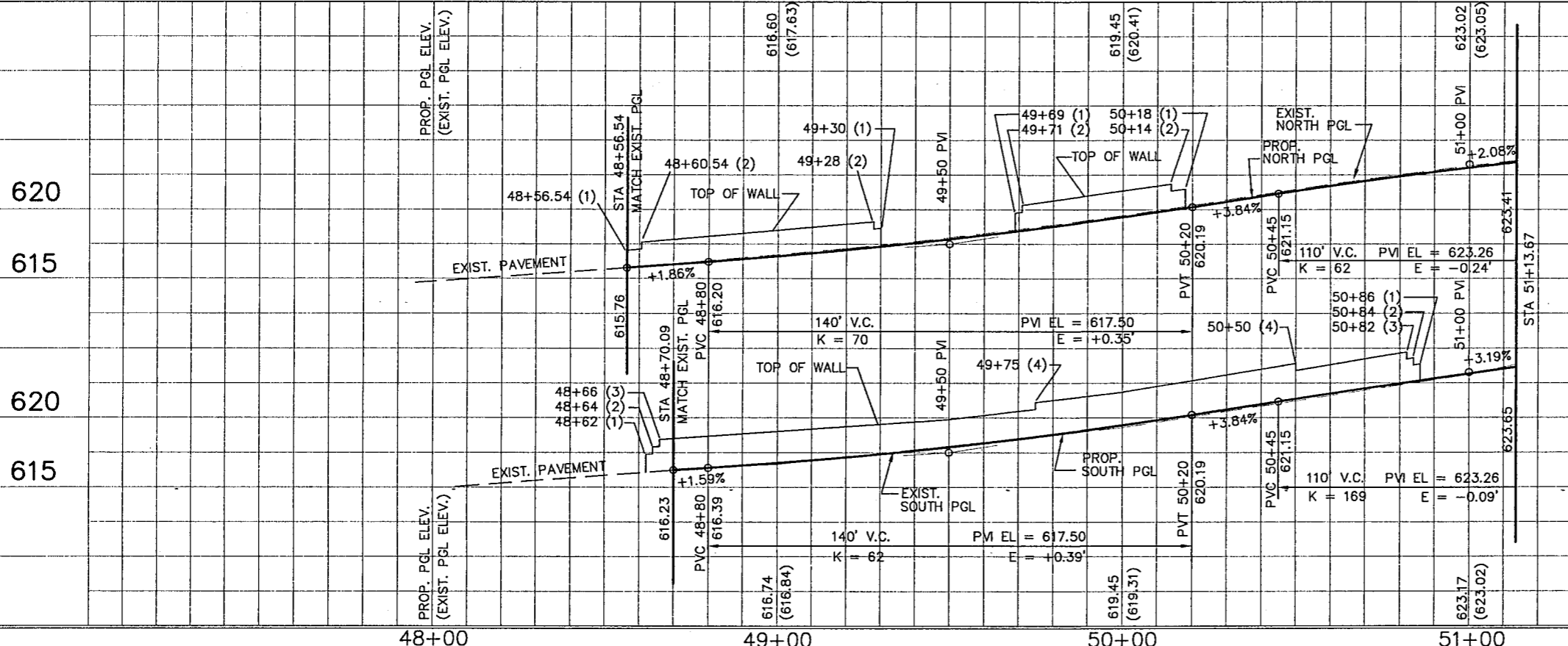
NOTES :

1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.

**BEGIN PROJECT**  
CONTROL 8050-18-034  
STA 47+55.63



MATCH LINE - STA 51+13.67



625

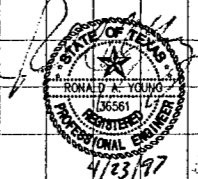
620

SHEET 1 OF 8

**BARTON-ASCHMAN ASSOCIATES, INC.**

**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
BELT LINE ROAD  
STA 47+55.63 TO STA 51+13.67  
ADDISON, TEXAS

DESIGNED BY: R.A.Y.	8050	18	034	BELT LINE RD
DRAWN BY: B.A.A.				
CHECKED BY: L.M.P.				
BA FILE NAME :				



4/23/97



**MIDWAY ROAD  
MATCHLINE STA 6+19.71**

STA 51+66.46  
66.74' LT  
PGL EL = 624.0

8" CONC. PAV (TYP)  
TYPE II MONO CURB  
EX. CONC.  
PROP. R.O.W.  
EXIST. R.O.W.

PCR 6+19+71  
54.87' LT  
6+00

PC 6+02.37  
8.0' RT  
TEL

5+83.72  
8.0' RT  
5+73.74

PCR 5+84.42  
45.0' RT

8" CONC. PAV (TYP)

SEE DETAILS FOR LAYOUT OF ISLANDS (TYP.)

TY II C & G  
INTERLOCK. CONC. PAVERS

PCR 51+13.67  
45.0' LT

TY II 51+67.05  
C & G 12.0' LT

52+00

52+44.36 BELT LINE RD =  
5+00 MIDWAY RD

51+13.67  
55.0' RT

BEG. WALL  
51+35

24" W. PCR 51+60.01  
55.0' RT

CONC. BLOCK RET. WALL  
(2) COURSE WALL  
END WALL (1) COURSE

4+28.06

4+18.06  
12.0' LT  
PCR 4+18.13

CONST. TY II CURB & GUTTER

6" CONC. DRIVE

TYPE II MONO CURB (DOWELED)

EX. ASPHALT  
EX. CONC.

51+07.71  
47.02' LT  
4+07.71  
49.66' LT  
4+00.86  
56.95' LT  
3+89.19  
45.0' LT  
45.0' LT  
12.0' LT

**MIDWAY ROAD - MATCHLINE STA 3+79.10**

CONST. TY II CURB & GUTTER

51+35 (1)  
51+39 (2)  
TOP WALL

PVI = 51+00  
PVI EL = 623.26  
F = -0.24'  
10' V.C.  
K = 62

PVT 51+55  
624.40

625.41

625.13

625.35  
(626.35)

627.30

627.60  
(627.60)

628.39

628.39

629.25

630.25  
(630.20)

631.01

631.59

631.97  
(632.05)

632.28

632.55

632.90  
(632.95)

632.83

632.75

632.65

632.65

632.05  
(632.1)

CURVE TABLE				CURVE TABLE			
NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
12	89° 36' 20"	40.0'	62.56'	19	01° 54' 33"	1965.0'	65.48'
13	90° 23' 40"	75.0'	118.33'	20	89° 29' 13"	75.0'	117.14'
14	04° 27' 20"	900.0'	69.99'	21	89° 36' 20"	40.0'	62.56'
15	08° 58' 31"	250.0'	39.16'	22	04° 25' 04"	1998.0'	154.06'
16	13° 12' 29"	250.0'	57.63'	90	02° 01' 40"	900.0'	31.85'
17	16° 03' 33"	200.0'	56.06'	91	04° 27' 20"	867.0'	67.42'
18	19° 06' 56"	250.0'	83.41'	92	03° 30' 28"	933.0'	57.12'

BEG. WALL STA 53+25  
PROP. R.O.W.

CONC. SIDEWALK (TYP)

CONC. BLOCK RETAINING WALL

CONST. DART BUS STOP PAD  
SEE DETAIL SHEETS

RELOCATE DART SIGN

EXIST. R.O.W.

END WALL STA 55+60

BEG. WALL STA 56+00

CONCRETE BLOCK RETAINING WALL  
EX. CONC.

END WALL STA 56+30

PT 56+65.0  
39.06' LT

PT 56+81.18  
4.63' LT

PT 56+76.24  
0.35' LT

PT 56+65.0  
39.06' LT

PT 56+81.18  
4.63' LT

PT 56+76.24  
0.35' LT

PT 56+65.0  
39.06' LT

PT 56+81.18  
4.63' LT

PT 56+76.24  
0.35' LT

PT 56+65.0  
39.06' LT

PT 56+81.18  
4.63' LT

PT 56+76.24  
0.35' LT

LEGEND:  
PGL PROFILE GRADE LINE  
PC POINT OF CURVATURE  
PT POINT OF TANGENCY  
PRC POINT OF REVERSE CURVE  
PCC POINT OF COMPOUND CURVE  
PCR POINT OF CURB RETURN  
EX EXISTING  
RT RIGHT  
LT LEFT  
BARRIER FREE RAMP  
PROP. NEW PAVEMENT  
CONCRETE BLOCK RETAINING WALL  
EX. CONC.  
END WALL  
BEG. WALL  
PCC  
PVC  
PVI  
PVT  
TOP OF WALL  
EXIST. NORTH PGL  
TOP OF WALL  
EXIST. SOUTH PGL  
PROP. NORTH PGL  
PROP. SOUTH PGL  
MATCH-EXIST. PGL

EX. SPOT GUTTER ELEV.  
C 15' DRIVEWAY STA 56+45.80  
REMOVE AND RELOCATE FIRE HYDRANT  
C 25' DRIVEWAY STA 55+80.22  
NORTH PGL  
SOUTH PGL  
MEDIAN  
TYPE II MONO CURB  
PAVEMENT REMOVAL  
PROP. CURB  
PROP. R.O.W.  
EX. ASPH.  
C 33' DRIVEWAY STA 54+88.24  
24" WATER  
EX. R.O.W.

GRAPHIC SCALE  
1" = 20' - 0" HORIZ  
1" = 5' - 0" VERT

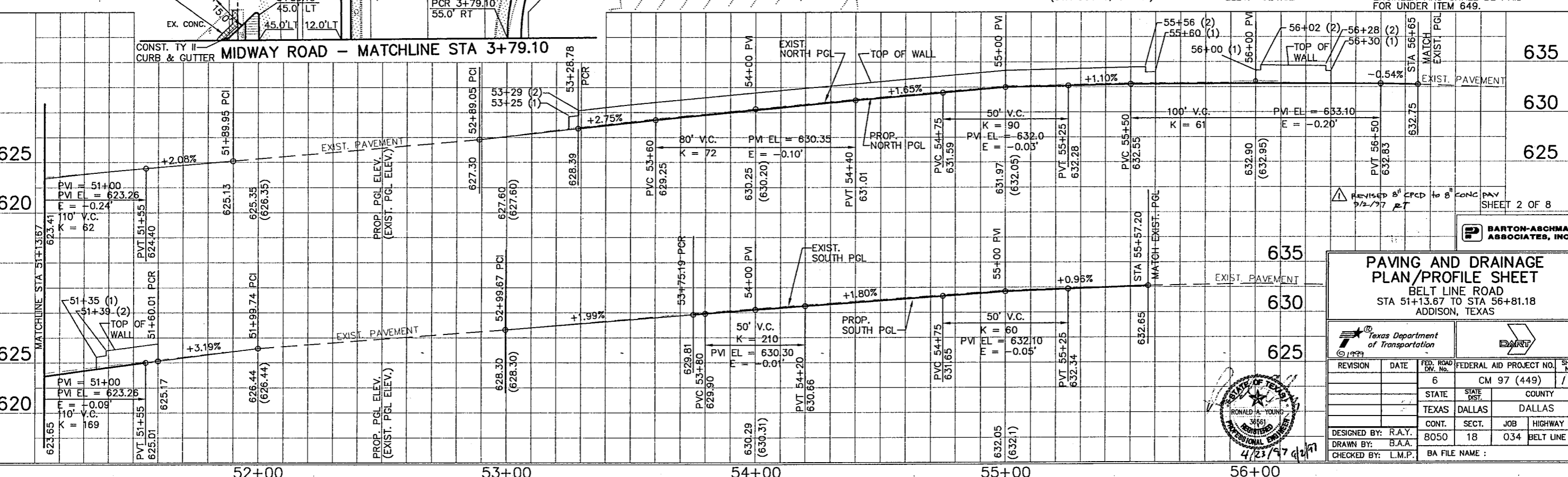
NOTES:  
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE  
2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.  
3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.  
4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.

BENCHMARK:  
"□" CUT ON NORTHWEST CORNER OF PARKING LOT OF FINA STATION AT SOUTHWEST CORNER OF MIDWAY AND BELT LINE ROAD.  
(STA 50+69, 60' RT)  
ELEV. 624.32

BELT LINE ROAD - MATCHLINE STA 51+13.67

MIDWAY ROAD

**BELT LINE ROAD**

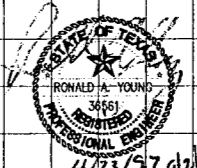


BARTON-ASCHMAN ASSOCIATES, INC.

**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
BELT LINE ROAD  
STA 51+13.67 TO STA 56+81.18  
ADDISON, TEXAS

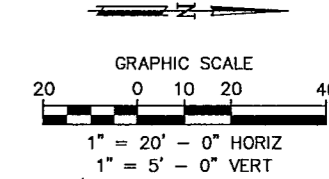
TEXAS DEPARTMENT OF TRANSPORTATION

REVISION	DATE	FED. ROAD DIST. NO.	FEDERAL AID PROJECT NO.	SHEET NO.
		6	CM 97 (449)	17
		STATE	DIST.	COUNTY
		TEXAS	DALLAS	DALLAS
		CONTRACT	SECTION	JOB
		8050	18	034
		DESIGNED BY:	R.A.Y.	HIGHWAY No.
		DRAWN BY:	B.A.A.	BELT LINE RD.
		CHECKED BY:	L.M.P.	BA FILE NAME :



NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
34	12° 50' 25"	300.0'	67.23'	40	01° 08' 12"	2000.0'	39.68'
35	12° 42' 23"	300.0'	66.53'	41	04° 12' 06"	867.0'	63.58'
36	01° 29' 50"	1251.45'	32.70'	42	04° 30' 52"	900.0'	70.91'
37	03° 53' 41"	1251.45'	85.07'	43	04° 12' 06"	900.0'	66.00'
38	18° 25' 10"	200.0'	64.30'	44	88° 01' 27"	3.0'	4.61'
39	18° 11' 28"	200.0'	63.50'				

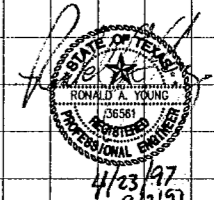
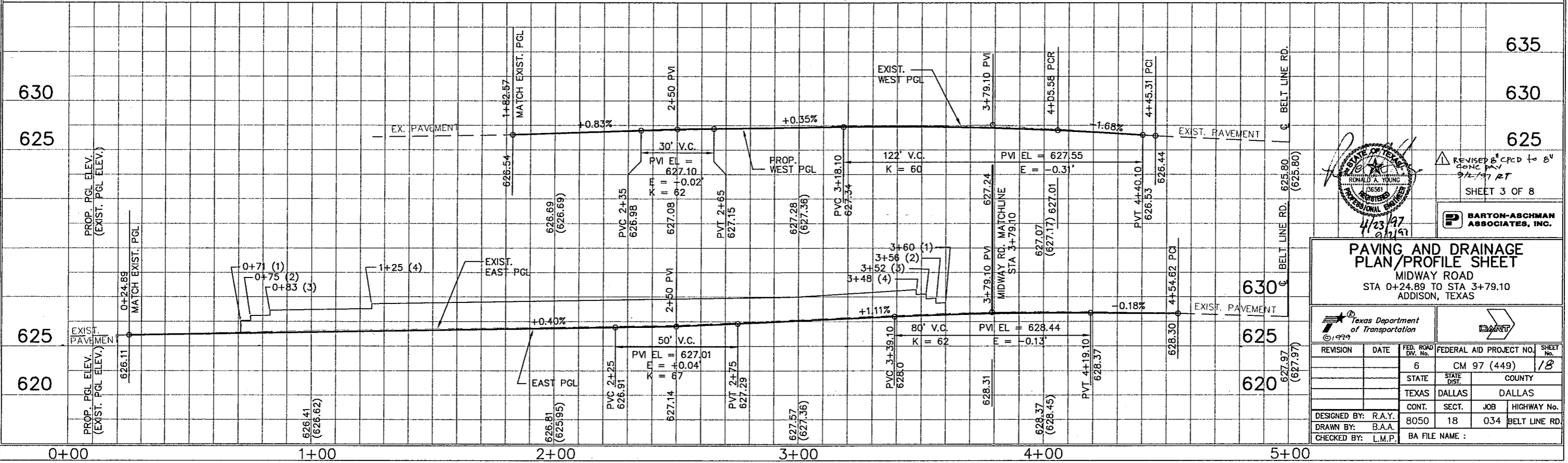
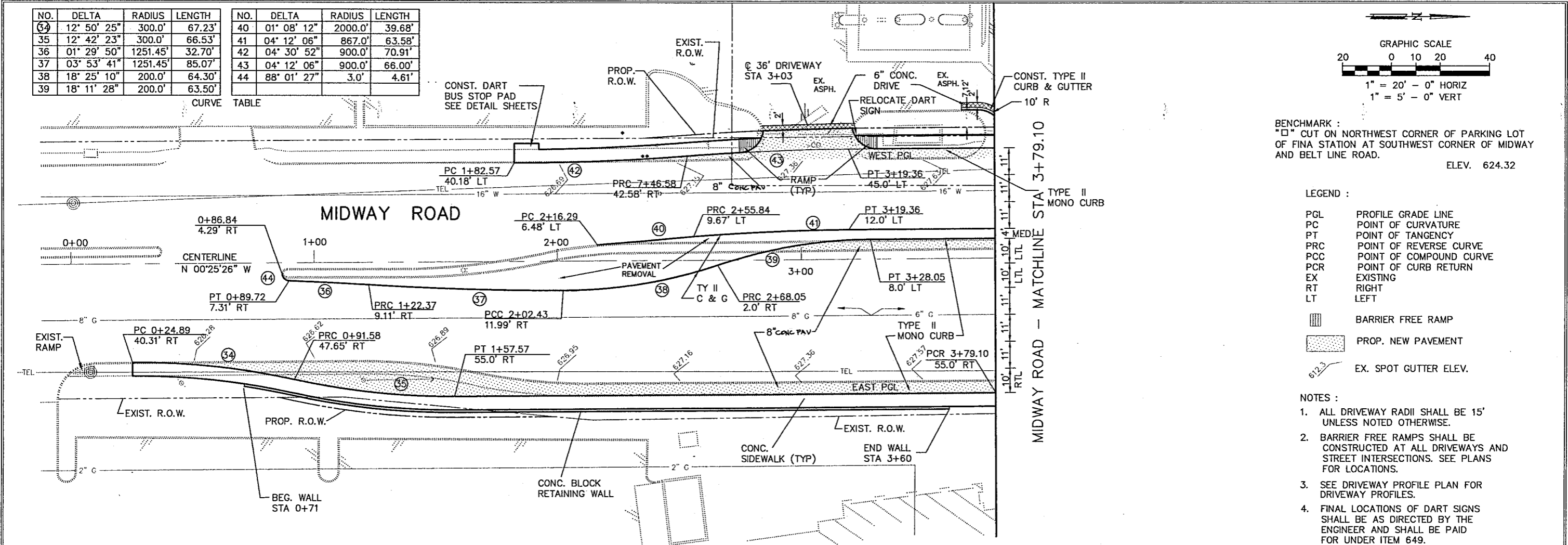
CURVE TABLE



BENCHMARK :  
 "□" CUT ON NORTHWEST CORNER OF PARKING LOT  
 OF FINA STATION AT SOUTHWEST CORNER OF MIDWAY  
 AND BELT LINE ROAD.  
 ELEV. 624.32

- LEGEND :
- PGL PROFILE GRADE LINE
  - PC POINT OF CURVATURE
  - PT POINT OF TANGENCY
  - PRC POINT OF REVERSE CURVE
  - PCC POINT OF COMPOUND CURVE
  - PCR POINT OF CURB RETURN
  - EX EXISTING
  - RT RIGHT
  - LT LEFT
  - [Symbol] BARRIER FREE RAMP
  - [Symbol] PROP. NEW PAVEMENT
  - [Symbol] EX. SPOT GUTTER ELEV.

- NOTES :
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
  2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
  3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
  4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.



REVISED 8' CRCD TO 8' CONC PAV 9/2/97 RT  
 SHEET 3 OF 8

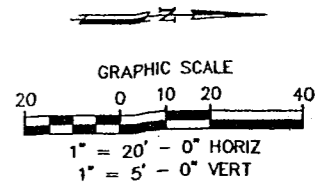
BARTON-ASCHMAN ASSOCIATES, INC.

**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
 MIDWAY ROAD  
 STA 0+24.89 TO STA 3+79.10  
 ADDISON, TEXAS

Texas Department of Transportation		DART	
DESIGNED BY: R.A.Y.	DRAWN BY: B.A.A.	CHECKED BY: L.M.P.	BA FILE NAME :
REVISION	DATE	FED. ROAD DIV. No.	FEDERAL AID PROJECT NO.
		6	CM 97 (449)
		STATE	COUNTY
		TEXAS	DALLAS
		CONT.	SECT.
		8050	18
		JOB	HIGHWAY No.
		034	BELT LINE RD.

NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
34	12° 50' 25"	300.0'	67.23'	40	01° 08' 12"	2000.0'	39.68'
35	12° 42' 23"	300.0'	66.53'	41	04° 12' 06"	867.0'	63.58'
36	01° 29' 50"	1251.45'	32.70'	42	04° 30' 52"	900.0'	70.91'
37	03° 39' 58"	1251.45'	80.07'	43	04° 12' 06"	900.0'	66.00'
38	18° 25' 10"	200.0'	64.30'	44	88° 01' 27"	3.0'	4.61'
39	18° 11' 28"	200.0'	63.50'				

CURVE TABLE



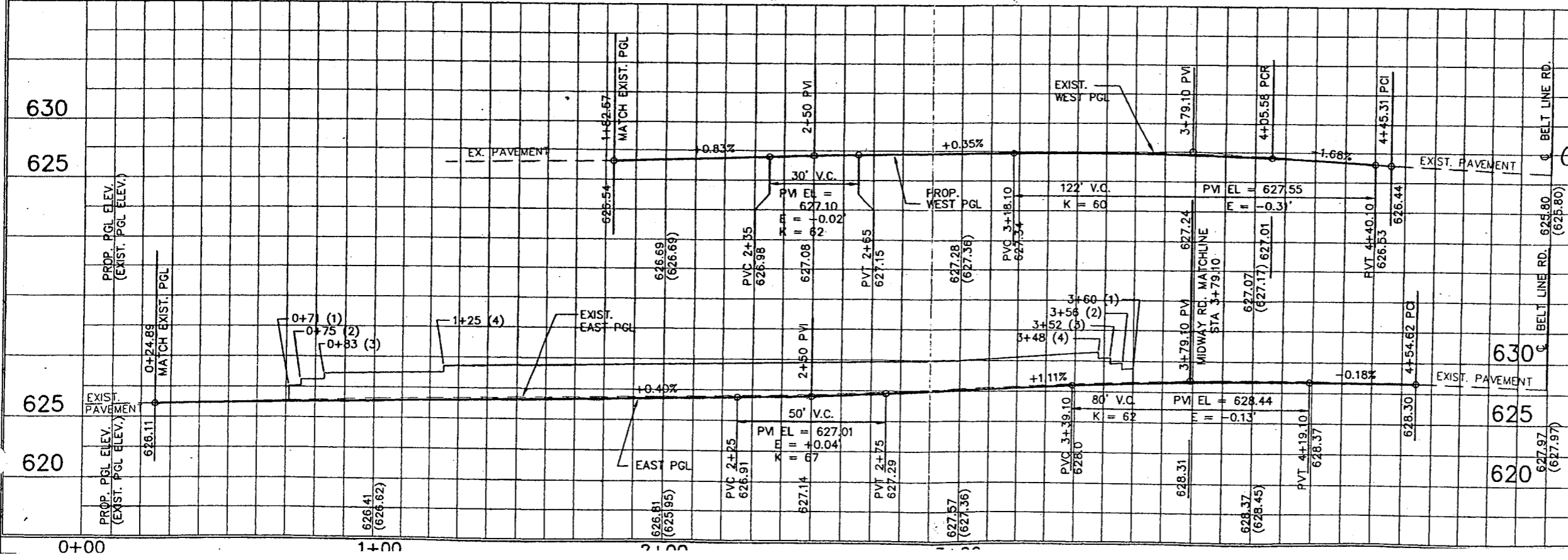
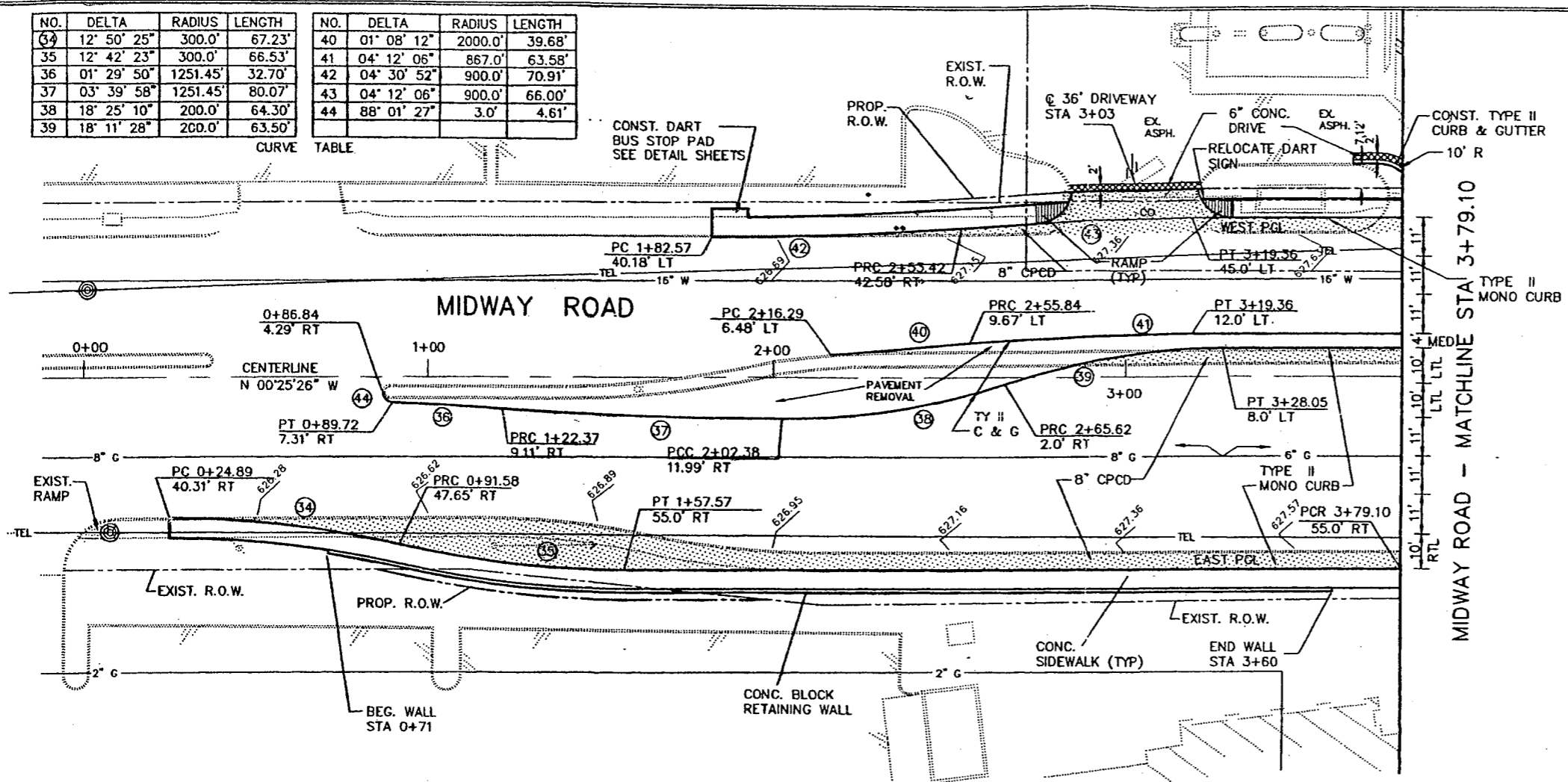
BENCHMARK :  
 "D" CUT ON NORTHWEST CORNER OF PARKING LOT  
 OF FINA STATION AT SOUTHWEST CORNER OF MIDWAY  
 AND BELT LINE ROAD.  
 ELEV. 624.32

LEGEND :

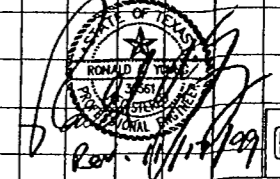
- PGL PROFILE GRADE LINE
- PC POINT OF CURVATURE
- PT POINT OF TANGENCY
- PRC POINT OF REVERSE CURVE
- PCC POINT OF COMPOUND CURVE
- PCR POINT OF CURB RETURN
- EX EXISTING
- RT RIGHT
- LT LEFT
- Barrier Free Ramp
- PROP. NEW PAVEMENT
- EX. SPOT GUTTER ELEV.

NOTES :

1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.



Change Order #1



SHEET 3 OF 8

BARTON-ASCHMAN ASSOCIATES, INC.

**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
 MIDWAY ROAD  
 STA 0+24.89 TO STA 3+79.10  
 ADDISON, TEXAS

Texas Department of Transportation		DART	
REVISION	DATE	FED. ROAD DIST. NO.	FEDERAL AID PROJECT NO.
CRV 37,38,39	11/17/99	6	CM 97 (449)
CRV 42,43			
DESIGNED BY:	R.A.Y.	STATE	TX
DRAWN BY:	B.A.A.	COUNTY	DALLAS
CHECKED BY:	L.M.P.	CONTRACT	BO50
		SECTION	18
		JOB	034
		HIGHWAY No.	BELT LINE RD.
BA FILE NAME :			

BENCHMARK :  
 "□" CUT ON NORTHWEST CORNER OF PARKING LOT  
 OF FINA STATION AT SOUTHWEST CORNER OF MIDWAY  
 AND BELT LINE ROAD.  
 (BELT LINE STA 50+69, 60' RT) ELEV. 624.32

LEGEND :

- PI POINT OF INTERSECTION
- PGL PROFILE GRADE LINE
- PC POINT OF CURVATURE
- PT POINT OF TANGENCY
- PRC POINT OF REVERSE CURVE
- PCC POINT OF COMPOUND CURVE
- PCR POINT OF CURB RETURN
- EX EXISTING
- RT RIGHT
- LT LEFT

▨ BARRIER FREE RAMP

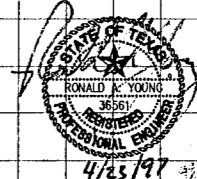
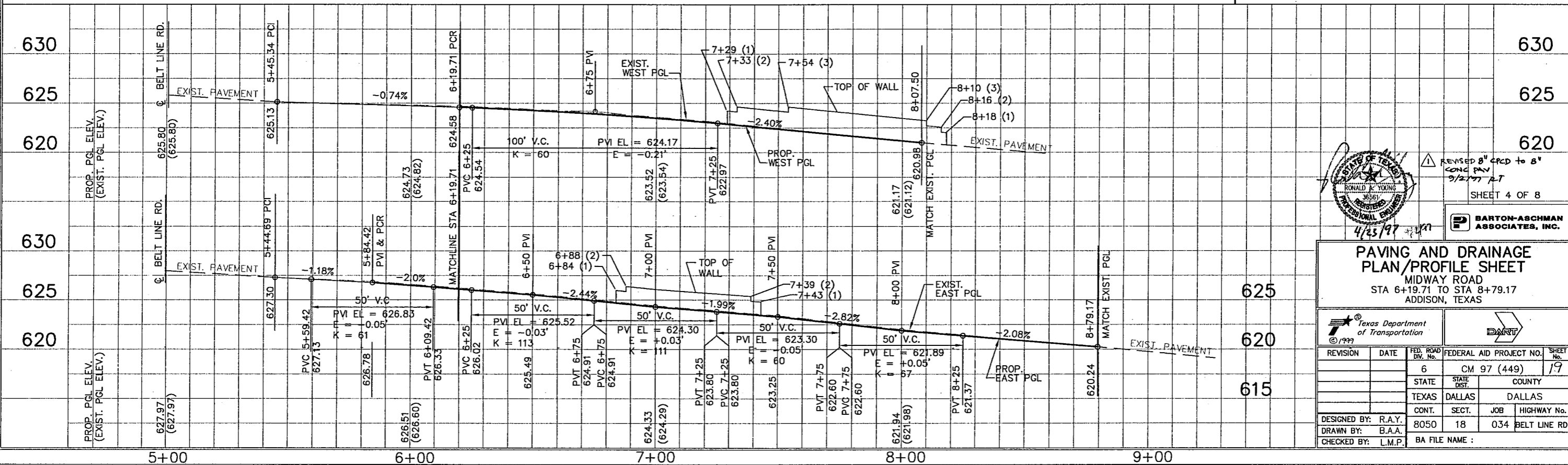
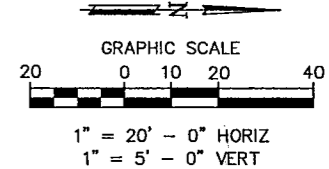
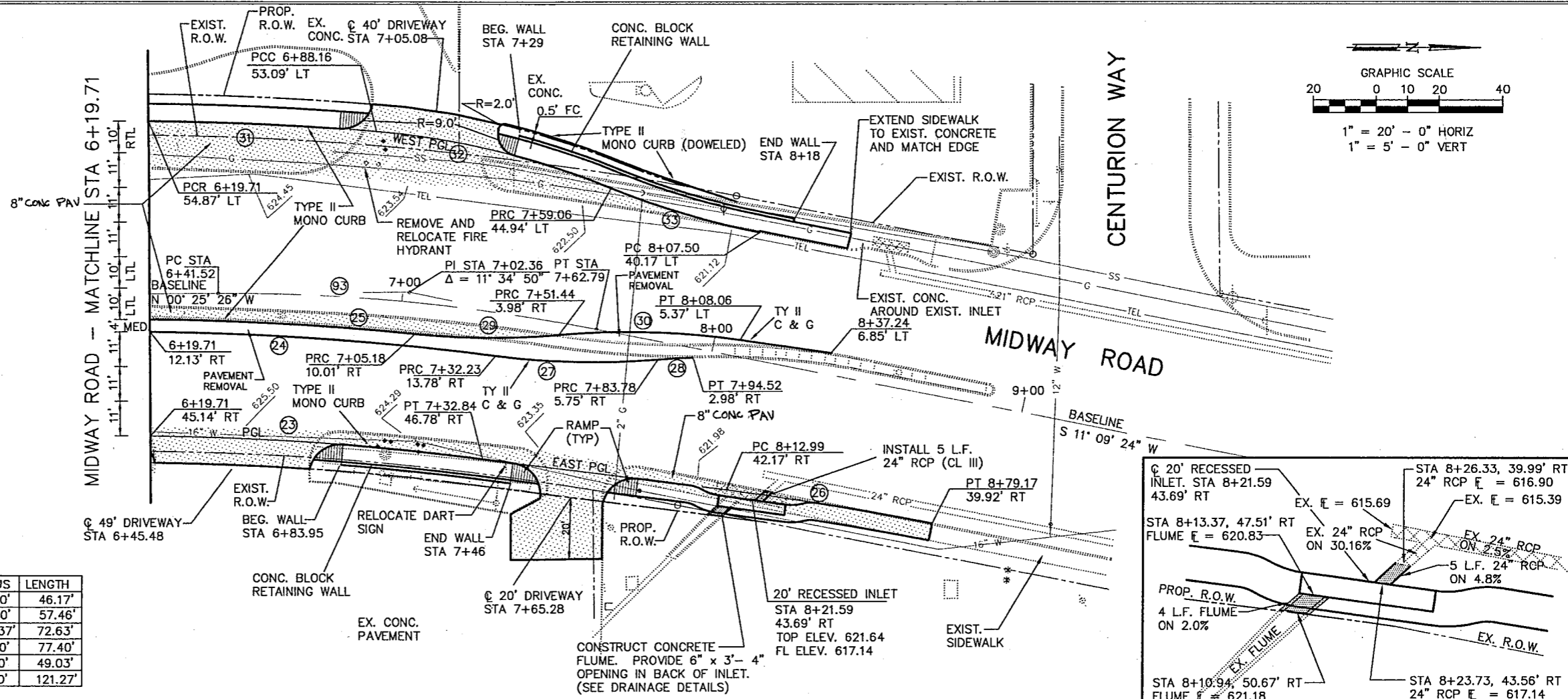
▨ PROP. NEW PAVEMENT

62.3 EX. SPOT GUTTER ELEV.

NOTES :

1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.

CURVE TABLE				CURVE TABLE			
NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
23	07° 46' 17"	909.37'	123.34'	29	10° 34' 55"	250.0'	46.17'
24	07° 46' 17"	942.37'	127.82'	30	13° 10' 08"	250.0'	57.46'
25	06° 09' 52"	946.37'	101.82'	31	04° 07' 22"	1009.37'	72.63'
26	03° 53' 31"	975.0'	66.23'	32	17° 44' 17"	250.0'	77.40'
27	11° 50' 38"	250.0'	51.68'	33	11° 14' 16"	250.0'	49.03'
28	02° 32' 37"	250.0'	11.10'	93	11° 34' 50"	600.0'	121.27'



REVISED 8" CONC PAV TO 6" CONC PAV 9/27/97 RT  
 SHEET 4 OF 8

BARTON-ASCHMAN ASSOCIATES, INC.

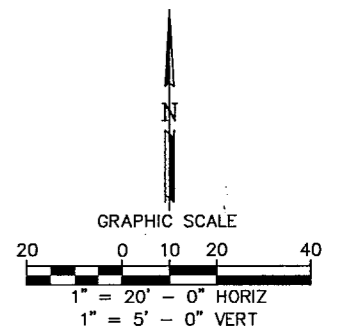
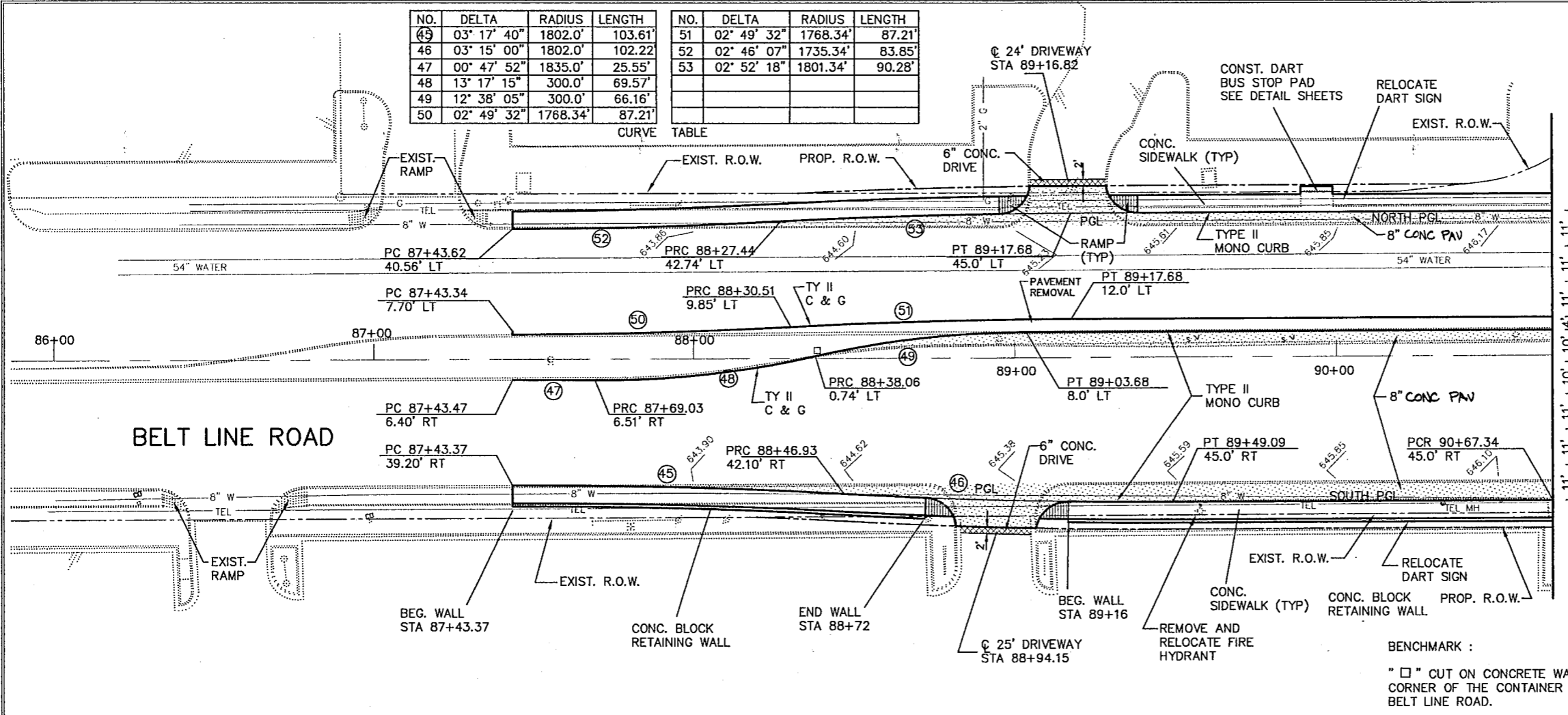
**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
 MIDWAY ROAD  
 STA 6+19.71 TO STA 8+79.17  
 ADDISON, TEXAS

DESIGNED BY: R.A.Y.		DRAWN BY: B.A.A.		CHECKED BY: L.M.P.	
DATE		FED. ROAD DIV. No.		FEDERAL AID PROJECT NO.	
		6		CM 97 (449)	
STATE		STATE		COUNTY	
TEXAS		DALLAS		DALLAS	
CONT.		SECT.		JOB	
8050		18		034	
HIGHWAY No.		BELT LINE RD.			
BA FILE NAME :					



NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
45	03° 17' 40"	1802.0'	103.61'	51	02° 49' 32"	1768.34'	87.21'
46	03° 15' 00"	1802.0'	102.22'	52	02° 46' 07"	1735.34'	83.85'
47	00° 47' 52"	1835.0'	25.55'	53	02° 52' 18"	1801.34'	90.28'
48	13° 17' 15"	300.0'	69.57'				
49	12° 38' 05"	300.0'	66.16'				
50	02° 49' 32"	1768.34'	87.21'				

CURVE TABLE

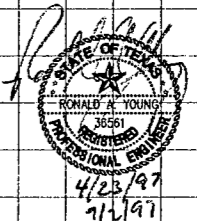
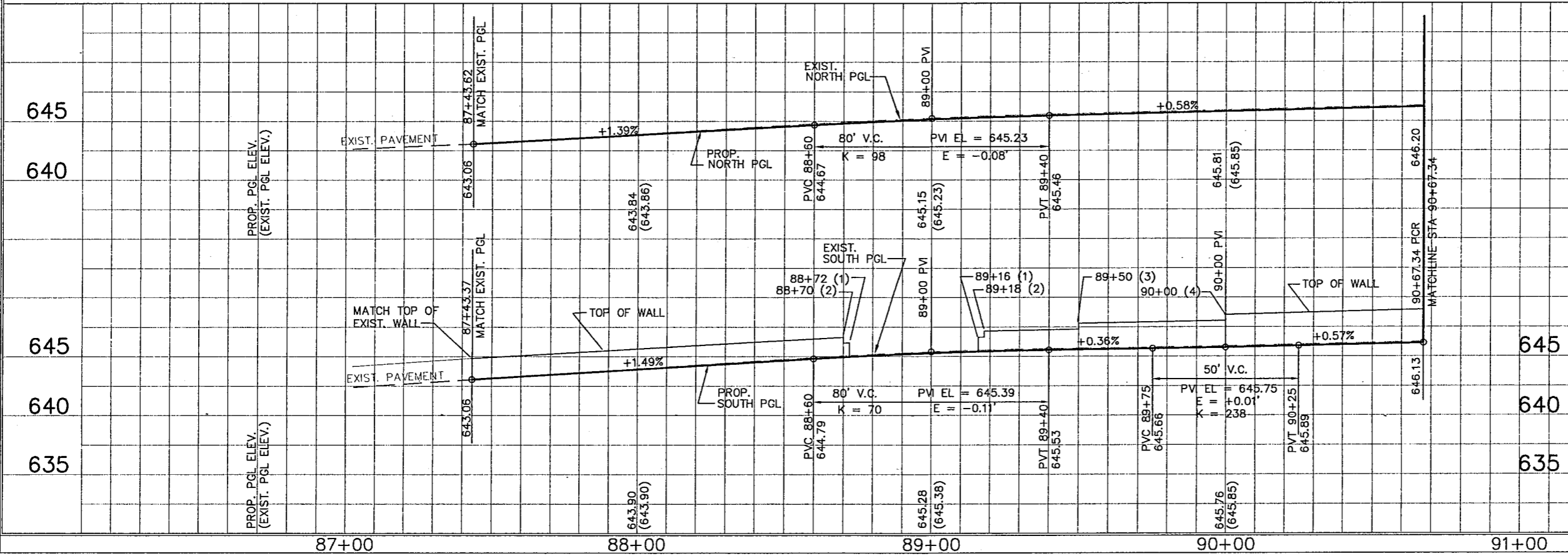


- LEGEND :
- PGL PROFILE GRADE LINE
  - PC POINT OF CURVATURE
  - PT POINT OF TANGENCY
  - PRC POINT OF REVERSE CURVE
  - PCC POINT OF COMPOUND CURVE
  - PCR POINT OF CURB RETURN
  - EX EXISTING
  - RT RIGHT
  - LT LEFT

- BARRIER FREE RAMP
- PROP. NEW PAVEMENT
- EX. SPOT GUTTER ELEV.

- NOTES :
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
  2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
  3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
  4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.

BENCHMARK :  
 " □ " CUT ON CONCRETE WALK AT THE SOUTHEAST CORNER OF THE CONTAINER STORE AT 4939 BELT LINE ROAD.  
 ELEV. 644.48



REVISED 8" CPED TO 8" CONC. PAV.  
 2/2/97 RT  
 SHEET 5 OF 8

BARTON-ASCHMAN ASSOCIATES, INC.

**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
 BELT LINE ROAD  
 STA 87+43.34 TO STA 90+67.34  
 ADDISON, TEXAS

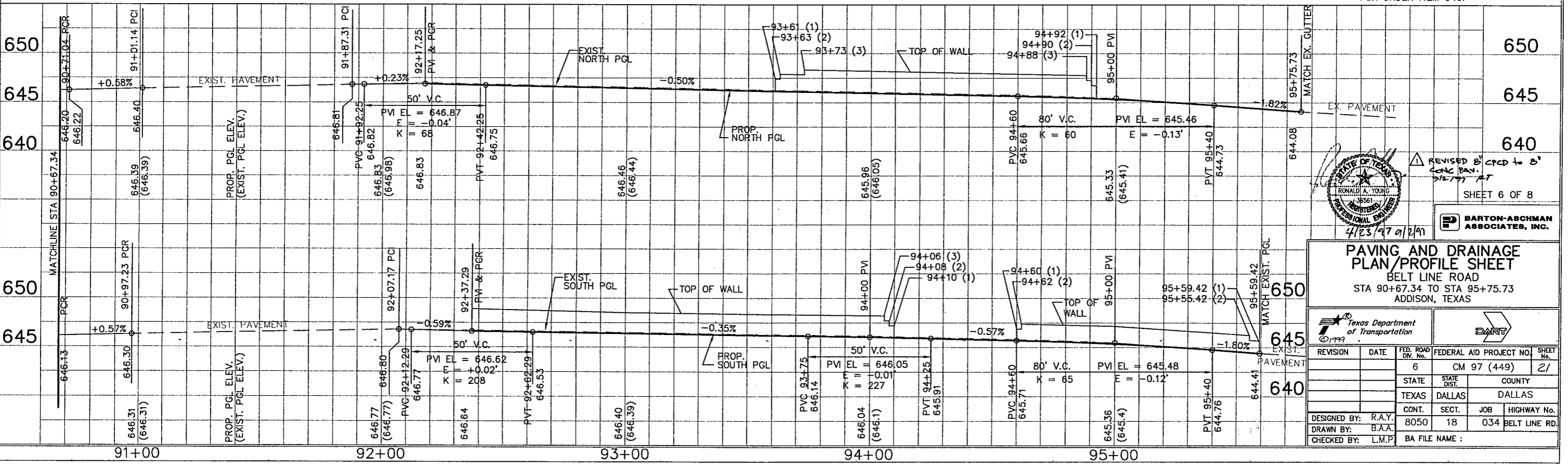
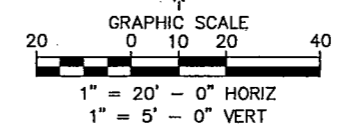
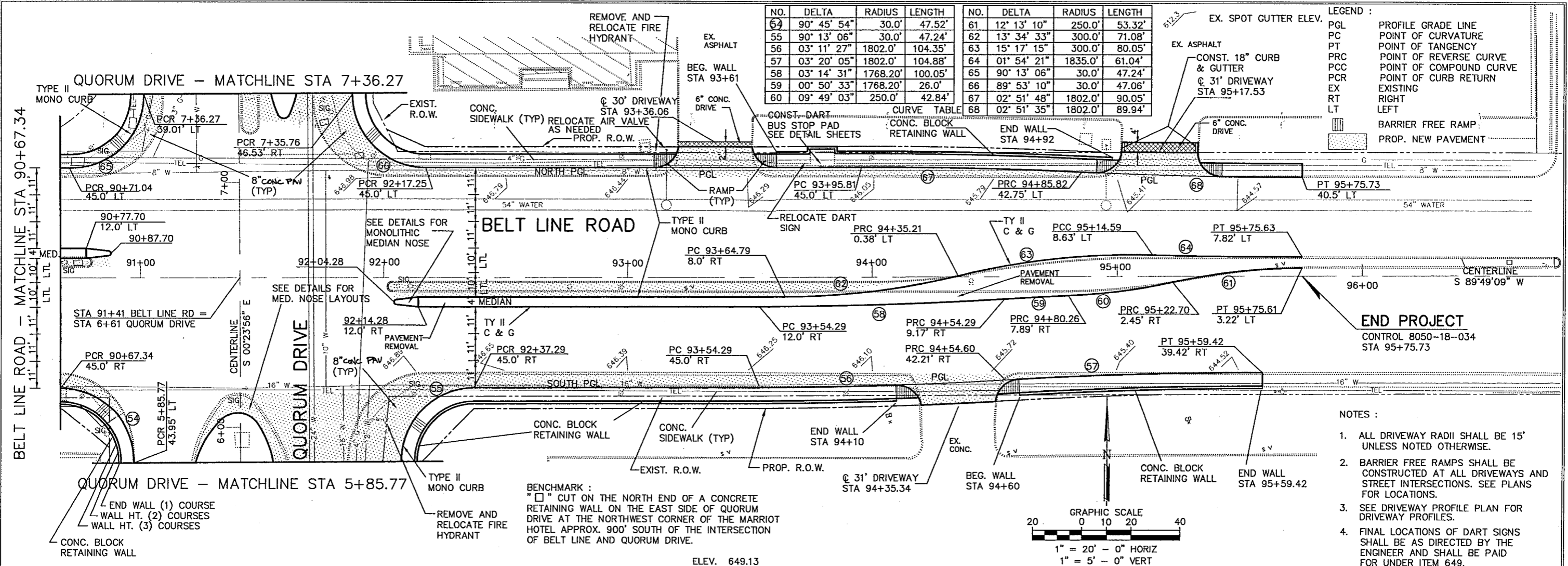
DESIGNED BY: R.A.Y.	CONTRACT NO. 8050	SECTION 18	JOB NO. 034	HIGHWAY No. BELT LINE RD.
DRAWN BY: B.A.A.	BA FILE NAME :			
CHECKED BY: L.M.P.				



NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
62	90° 45' 54"	30.0'	47.52'	61	12° 13' 10"	250.0'	53.32'
55	90° 13' 06"	30.0'	47.24'	62	13° 34' 33"	300.0'	71.08'
56	03° 11' 27"	1802.0'	104.35'	63	15° 17' 15"	300.0'	80.05'
57	03° 20' 05"	1802.0'	104.88'	64	01° 54' 21"	1835.0'	61.04'
58	03° 14' 31"	1768.20'	100.05'	65	90° 13' 06"	30.0'	47.24'
59	00° 50' 33"	1768.20'	26.0'	66	89° 53' 10"	30.0'	47.06'
60	09° 49' 03"	250.0'	42.84'	67	02° 51' 48"	1802.0'	90.05'
				68	02° 51' 35"	1802.0'	89.94'

EX. SPOT GUTTER ELEV. LEGEND :

PGL PROFILE GRADE LINE  
 PC POINT OF CURVATURE  
 PT POINT OF TANGENCY  
 PRC POINT OF REVERSE CURVE  
 PCC POINT OF COMPOUND CURVE  
 PCR POINT OF CURB RETURN  
 EX EXISTING  
 RT RIGHT  
 LT LEFT  
 BARRIER FREE RAMP  
 PROP. NEW PAVEMENT



REVISION 2: CHANGED TO 8' CONC. PAV. 5/12/97 R.T.

4/23/97 a/r/a/n

SHEET 6 OF 8

BARTON-ASCHMAN ASSOCIATES, INC.

PAVING AND DRAINAGE PLAN/PROFILE SHEET

BELT LINE ROAD

STA 90+67.34 TO STA 95+75.73

ADDISON, TEXAS

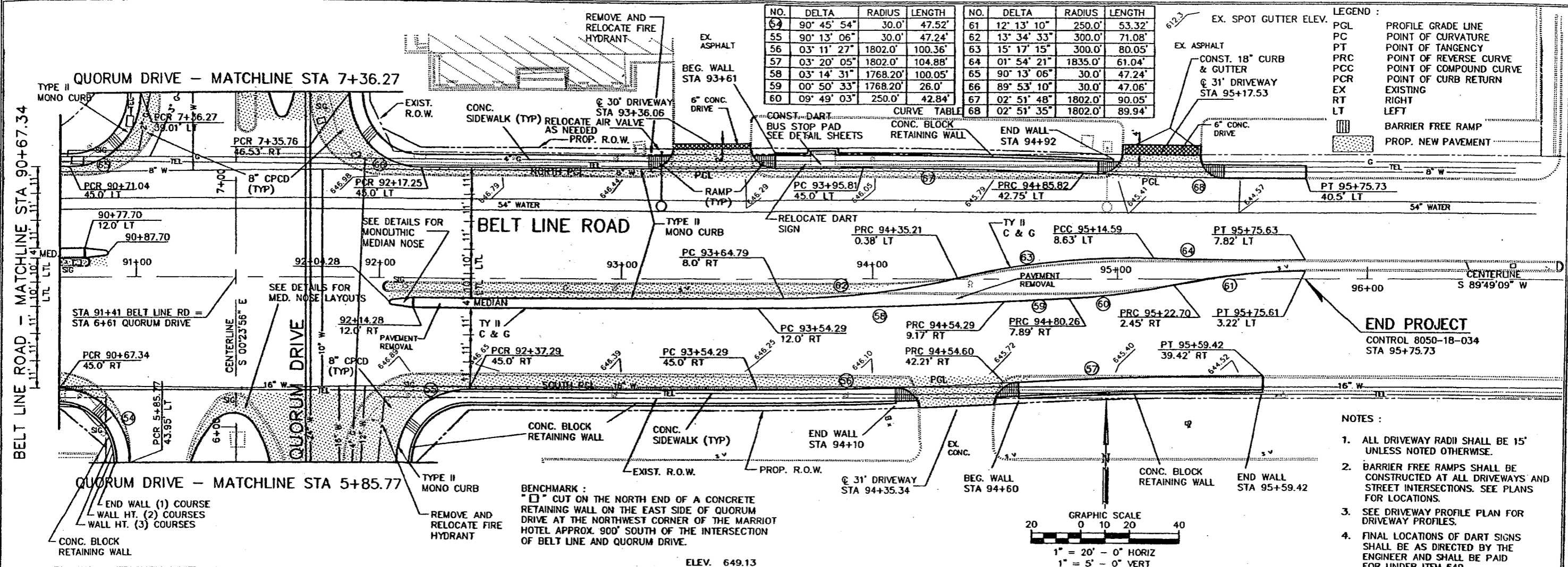
DESIGNED BY: R.A.Y.  
 DRAWN BY: B.A.A.  
 CHECKED BY: L.M.P.

BA FILE NAME :

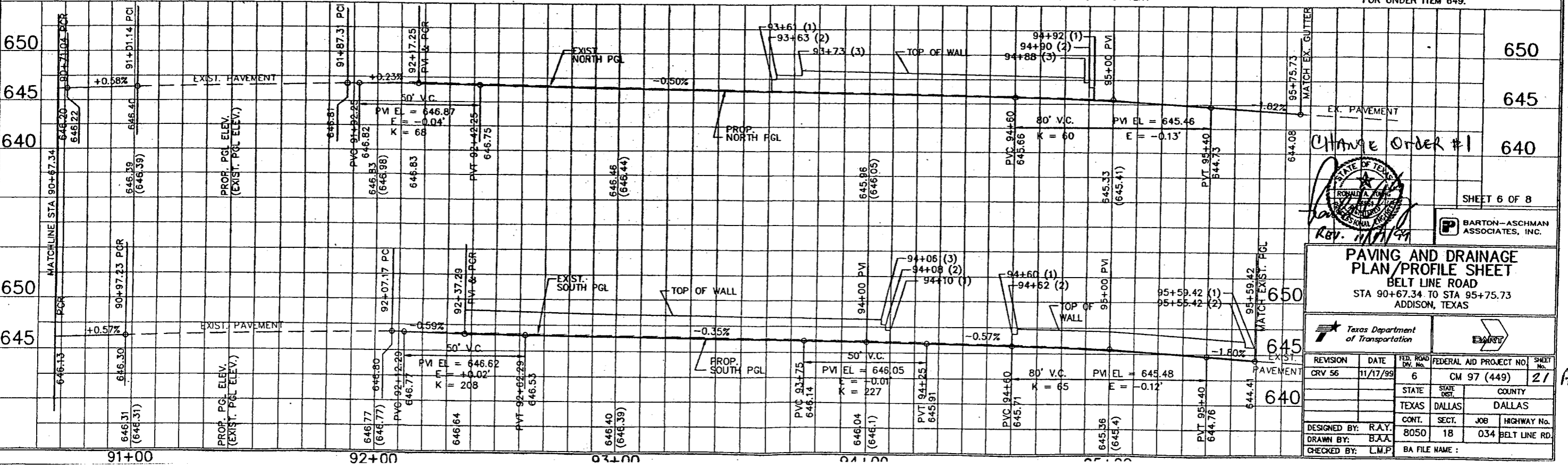
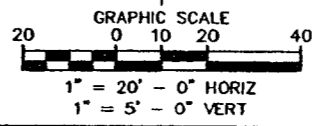
NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
54	90° 45' 54"	30.0'	47.52'	61	12° 13' 10"	250.0'	53.32'
55	90° 13' 06"	30.0'	47.24'	62	13° 34' 33"	300.0'	71.08'
56	03° 11' 27"	1802.0'	100.36'	63	15° 17' 15"	300.0'	80.05'
57	03° 20' 05"	1802.0'	104.88'	64	01° 54' 21"	1835.0'	61.04'
58	03° 14' 31"	1768.20'	100.05'	65	90° 13' 06"	30.0'	47.24'
59	00° 50' 33"	1768.20'	26.0'	66	89° 53' 10"	30.0'	47.06'
60	09° 49' 03"	250.0'	42.84'	67	02° 51' 48"	1802.0'	90.05'
				68	02° 51' 35"	1802.0'	89.94'

EX. SPOT GUTTER ELEV. LEGEND:

- PGL PROFILE GRADE LINE
- PC POINT OF CURVATURE
- PT POINT OF TANGENCY
- PRC POINT OF REVERSE CURVE
- PCC POINT OF COMPOUND CURVE
- PCR POINT OF CURB RETURN
- EX EXISTING
- RT RIGHT
- LT LEFT
- BARRIER FREE RAMP
- PROP. NEW PAVEMENT



- NOTES:
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
  2. BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
  3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
  4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.



CHANGE ORDER #1

SHEET 6 OF 8

BARTON-ASCHMAN ASSOCIATES, INC.

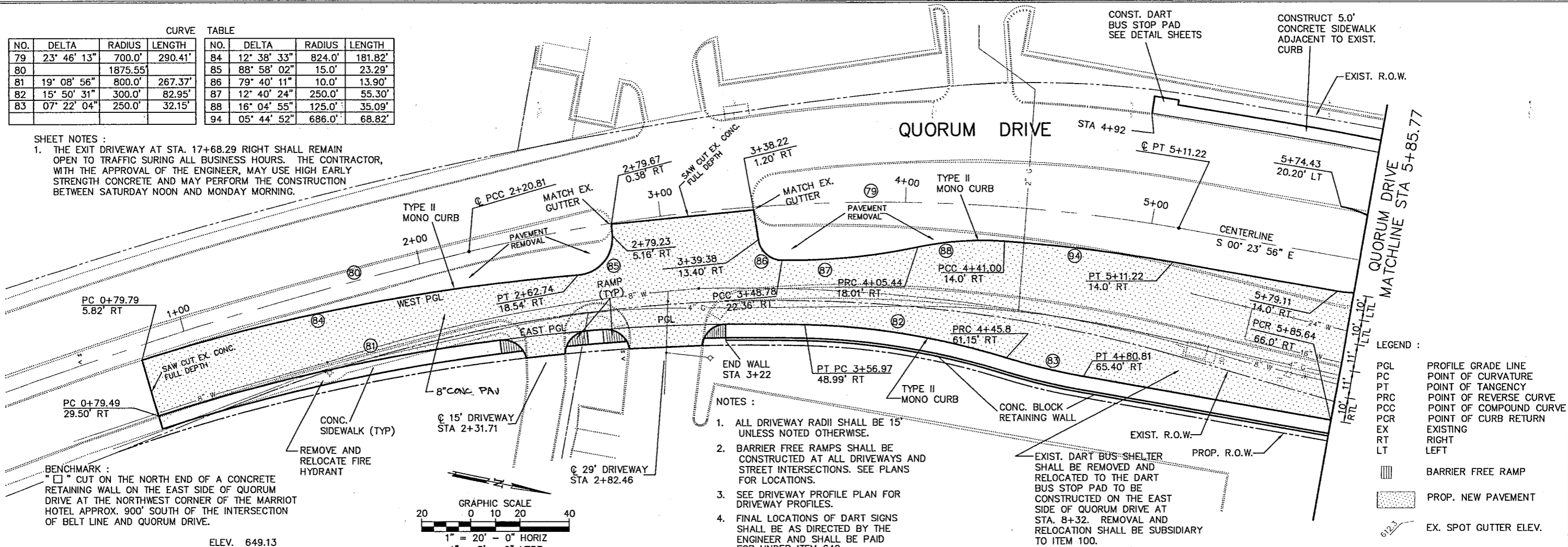
PAVING AND DRAINAGE PLAN/PROFILE SHEET  
BELT LINE ROAD  
STA 90+67.34 TO STA 95+75.73  
ADDISON, TEXAS

DESIGNED BY: R.A.Y.	STATE: TEXAS	COUNTY: DALLAS
DRAWN BY: B.A.A.	CONTRACT: 8050	SECTION: 18
CHECKED BY: L.M.P.	JOB: 034	HIGHWAY No.: BELT LINE RD.

BA FILE NAME:

CURVE TABLE				CURVE TABLE			
NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
79	23° 46' 13"	700.0'	290.41'	84	12° 38' 33"	824.0'	181.82'
80		1875.55'		85	88° 58' 02"	15.0'	23.29'
81	19° 08' 56"	800.0'	267.37'	86	79° 40' 11"	10.0'	13.90'
82	15° 50' 31"	300.0'	82.95'	87	12° 40' 24"	250.0'	55.30'
83	07° 22' 04"	250.0'	32.15'	88	16° 04' 55"	125.0'	35.09'
				94	05° 44' 52"	686.0'	68.82'

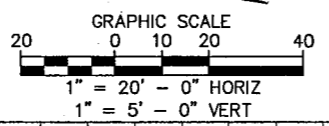
SHEET NOTES:  
 1. THE EXIT DRIVEWAY AT STA. 17+68.29 RIGHT SHALL REMAIN OPEN TO TRAFFIC DURING ALL BUSINESS HOURS. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, MAY USE HIGH EARLY STRENGTH CONCRETE AND MAY PERFORM THE CONSTRUCTION BETWEEN SATURDAY NOON AND MONDAY MORNING.



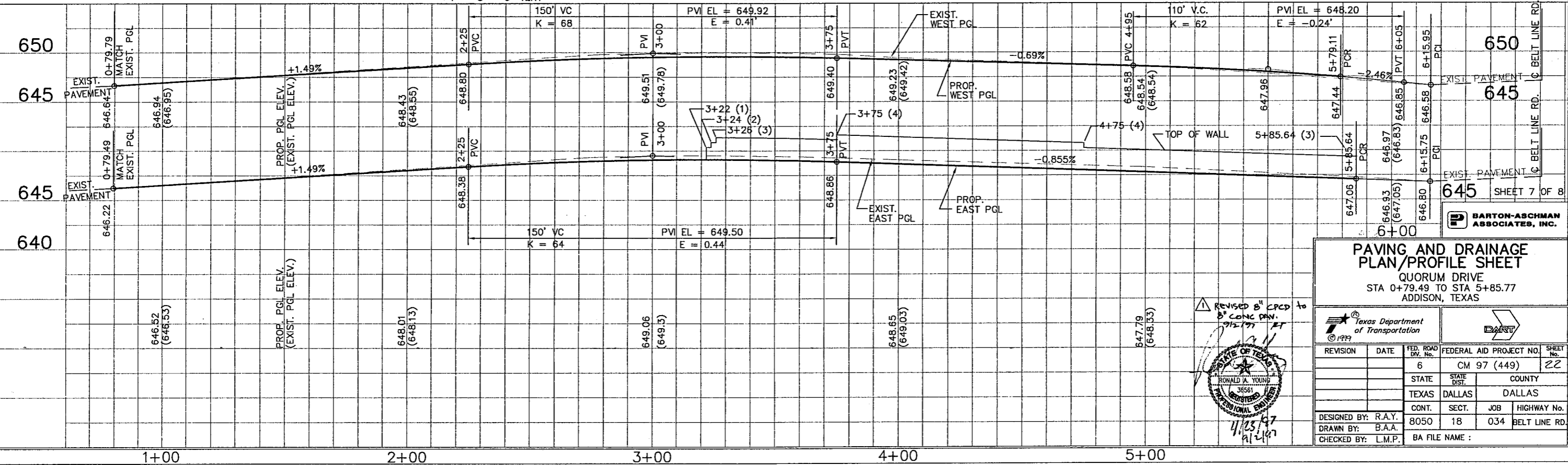
- NOTES:
- ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
  - BARRIER FREE RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
  - SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
  - FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.

- LEGEND:
- PGL PROFILE GRADE LINE
  - PC POINT OF CURVATURE
  - PT POINT OF TANGENCY
  - PRC POINT OF REVERSE CURVE
  - PCC POINT OF COMPOUND CURVE
  - PCR POINT OF CURB RETURN
  - EX EXISTING
  - RT RIGHT
  - LT LEFT
  - Barrier Free Ramp
  - PROP. NEW PAVEMENT
  - EX. SPOT GUTTER ELEV.

BENCHMARK:  
 "X" CUT ON THE NORTH END OF A CONCRETE RETAINING WALL ON THE EAST SIDE OF QUORUM DRIVE AT THE NORTHWEST CORNER OF THE MARRIOTT HOTEL APPROX. 900' SOUTH OF THE INTERSECTION OF BELT LINE AND QUORUM DRIVE.



ELEV. 649.13



**PAVING AND DRAINAGE PAVING/PROFILE SHEET**  
 QUORUM DRIVE  
 STA 0+79.49 TO STA 5+85.77  
 ADDISON, TEXAS

DESIGNED BY: R.A.Y.  
 DRAWN BY: B.A.A.  
 CHECKED BY: L.M.P.

REVISION: [ ] DATE: [ ]

FED. ROAD DIST. NO. 6  
 FEDERAL AID PROJECT NO. CM 97 (449)  
 STATE: TEXAS COUNTY: DALLAS  
 CONT. 8050 SECT. 18 JOB 034 HIGHWAY No. BELT LINE RD.  
 BA FILE NAME:

REVISION: 8" CPCD to 8" CONC. PAV. 9/12/97 ET

STATE OF TEXAS  
 RONALD A. YOUNG  
 3856  
 PROFESSIONAL ENGINEER

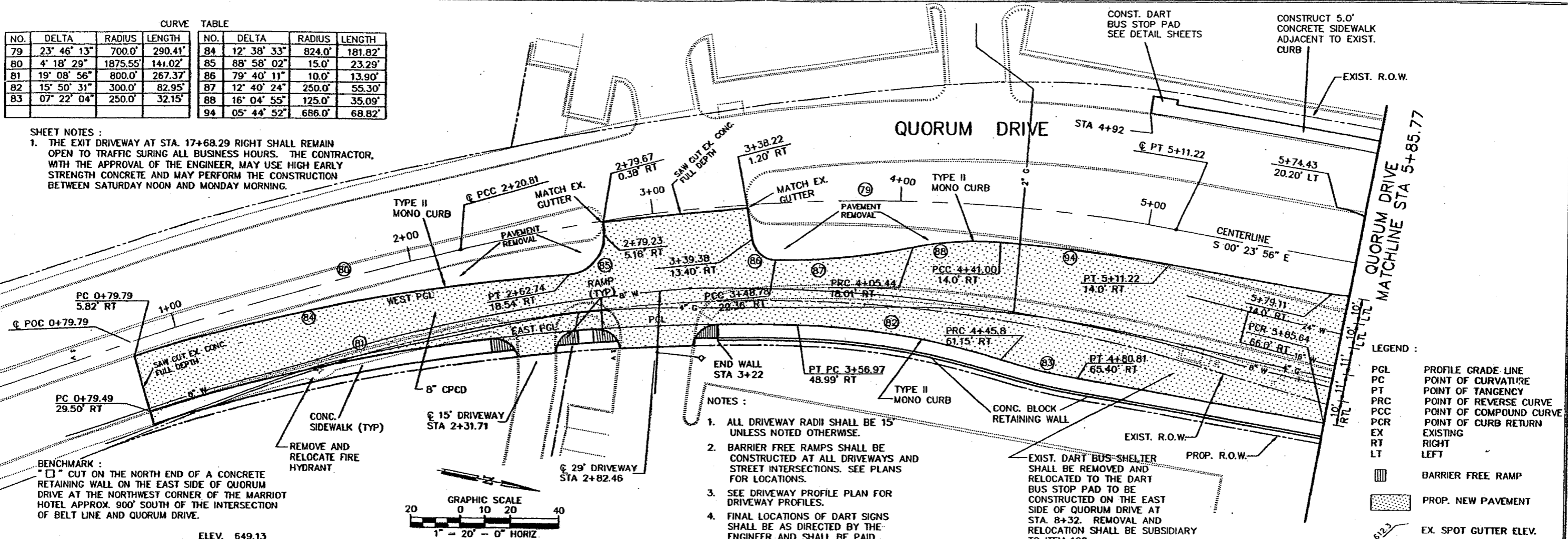
BARTON-ASCHMAN ASSOCIATES, INC.

SHEET 7 OF 8



CURVE TABLE				CURVE TABLE			
NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
79	23° 46' 13"	700.0'	290.41'	84	12° 38' 33"	824.0'	181.82'
80	4° 18' 29"	1875.55'	141.02'	85	88° 58' 02"	15.0'	23.29'
81	19° 08' 56"	800.0'	267.37'	86	79° 40' 11"	10.0'	13.90'
82	15° 50' 31"	300.0'	82.95'	87	12° 40' 24"	250.0'	55.30'
83	07° 22' 04"	250.0'	32.15'	88	16° 04' 55"	125.0'	35.09'
				94	05° 44' 52"	686.0'	68.82'

**SHEET NOTES:**  
 1. THE EXIT DRIVEWAY AT STA. 17+68.29 RIGHT SHALL REMAIN OPEN TO TRAFFIC DURING ALL BUSINESS HOURS. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, MAY USE HIGH EARLY STRENGTH CONCRETE AND MAY PERFORM THE CONSTRUCTION BETWEEN SATURDAY NOON AND MONDAY MORNING.

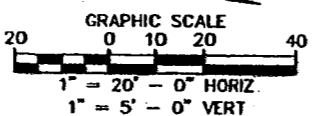


- NOTES:**
1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
  2. BARRIER FREE RAMP SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
  3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
  4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.

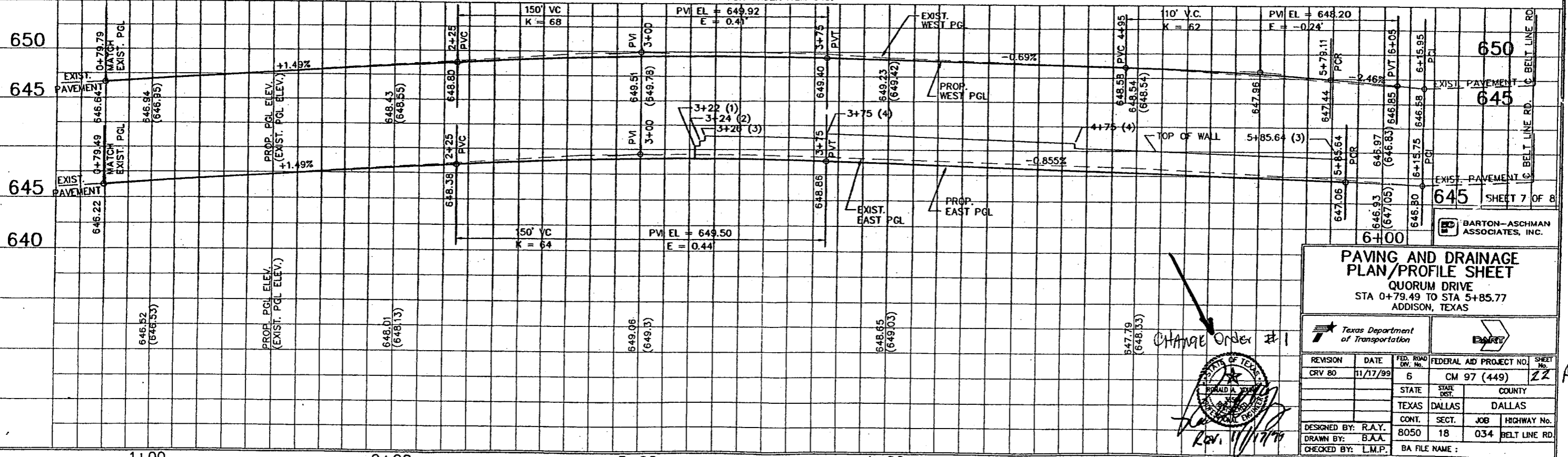
**LEGEND:**

PGL	PROFILE GRADE LINE
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
PCR	POINT OF CURB RETURN
EX	EXISTING
RT	RIGHT
LT	LEFT
	BARRIER FREE RAMP
	PROP. NEW PAVEMENT
	EX. SPOT GUTTER ELEV.

**BENCHMARK:**  
 "□" CUT ON THE NORTH END OF A CONCRETE RETAINING WALL ON THE EAST SIDE OF QUORUM DRIVE AT THE NORTHWEST CORNER OF THE MARRIOTT HOTEL APPROX. 900' SOUTH OF THE INTERSECTION OF BELT LINE AND QUORUM DRIVE.



ELEV. 649.13



**PAVING AND DRAINAGE PLAN/PROFILE SHEET**  
 QUORUM DRIVE  
 STA 0+79.49 TO STA 5+85.77  
 ADDISON, TEXAS

Texas Department of Transportation

REVISION: CRV 80, DATE: 11/17/99, FED. ROAD DIST. NO.: 6, FEDERAL AID PROJECT NO.: CM 97 (449), SHEET NO.: 22

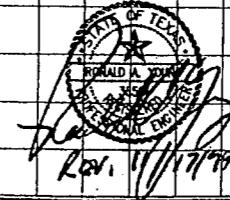
DESIGNED BY: R.A.Y., DRAWN BY: B.A.A., CHECKED BY: L.M.P.

STATE: TEXAS, COUNTY: DALLAS, JOB: 8050, HIGHWAY No.: 18, BELT LINE RD.

BA FILE NAME:

CHANGE Order #1

BARTON-ASCHMAN ASSOCIATES, INC.

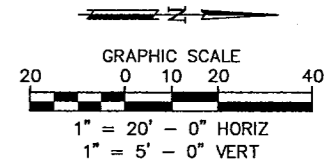


CURVE TABLE			CURVE TABLE				
NO.	DELTA	RADIUS	LENGTH	NO.	DELTA	RADIUS	LENGTH
68	07° 53' 15"	900.0'	123.90'	74	85° 34' 56"	6.0'	8.96'
69	07° 49' 47"	900.0'	122.99'	75	19° 11' 59"	200.0'	67.02'
70	15° 22' 42"	250.0'	67.10'	76	19° 12' 02"	200.0'	67.02'
71	08° 33' 44"	250.0'	37.36'	77	11° 26' 06"	200.0'	39.92'
72	01° 04' 17"	868.0'	16.23'	78	12° 04' 40"	200.0'	42.16'
73	03° 21' 55"	932.0'	54.74'				

BENCHMARK:

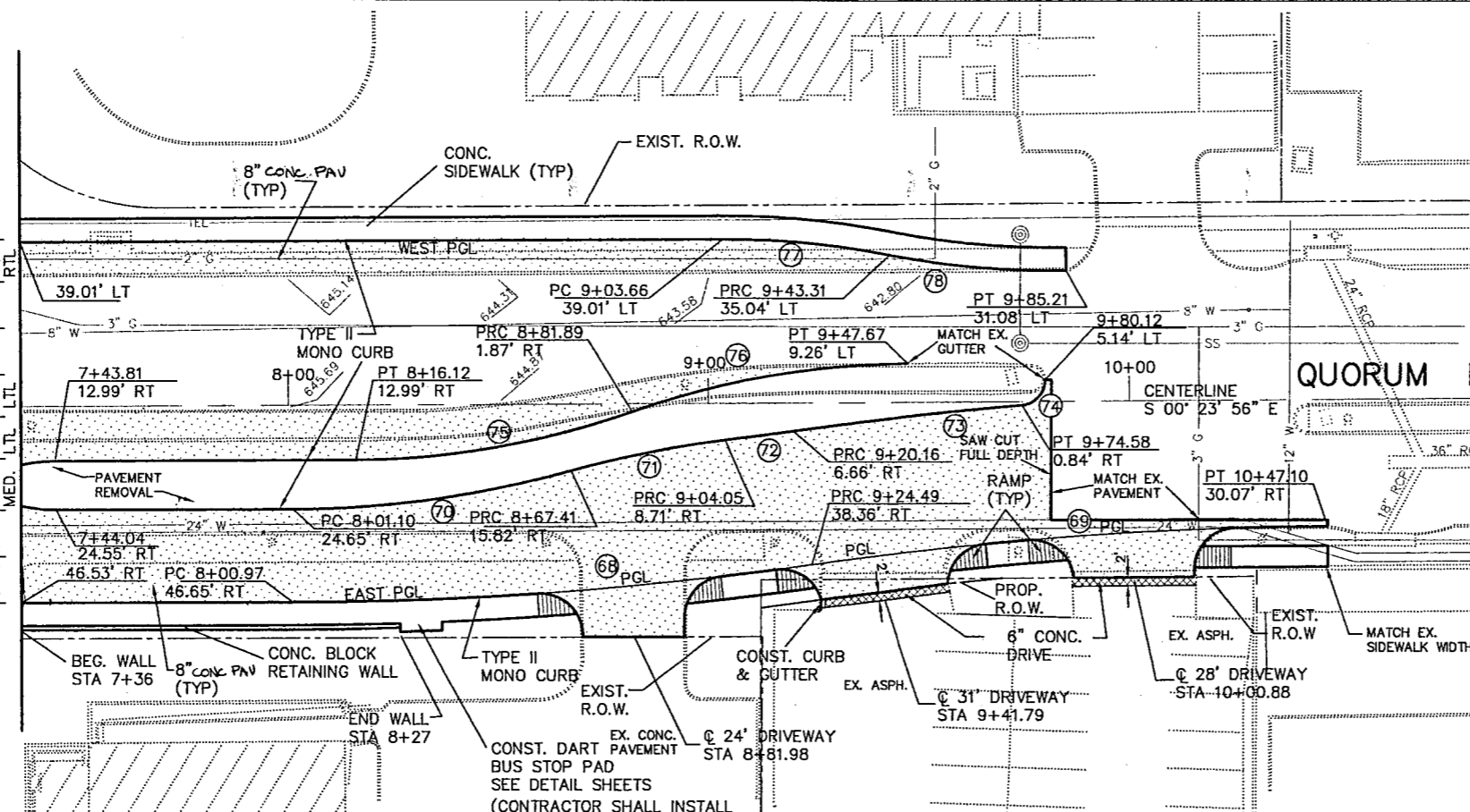
" □ " CUT ON THE BACK OF CURB ON THE SOUTH NOSE OF MEDIAN CENTERLINE OF QUORUM DRIVE APPROX. 275' SOUTH OF THE INTERSECTION OF ARAPAHO ROAD AND QUORUM DRIVE.

ELEV. 631.76



- LEGEND :
- PGL PROFILE GRADE LINE
  - PC POINT OF CURVATURE
  - PT POINT OF TANGENCY
  - PRC POINT OF REVERSE CURVE
  - PCC POINT OF COMPOUND CURVE
  - PCR POINT OF CURB RETURN
  - EX EXISTING
  - RT RIGHT
  - LT LEFT
  - ▨ BARRIER FREE RAMP
  - ▨ PROP. NEW PAVEMENT
  - 62.3 EX. SPOT GUTTER ELEV.

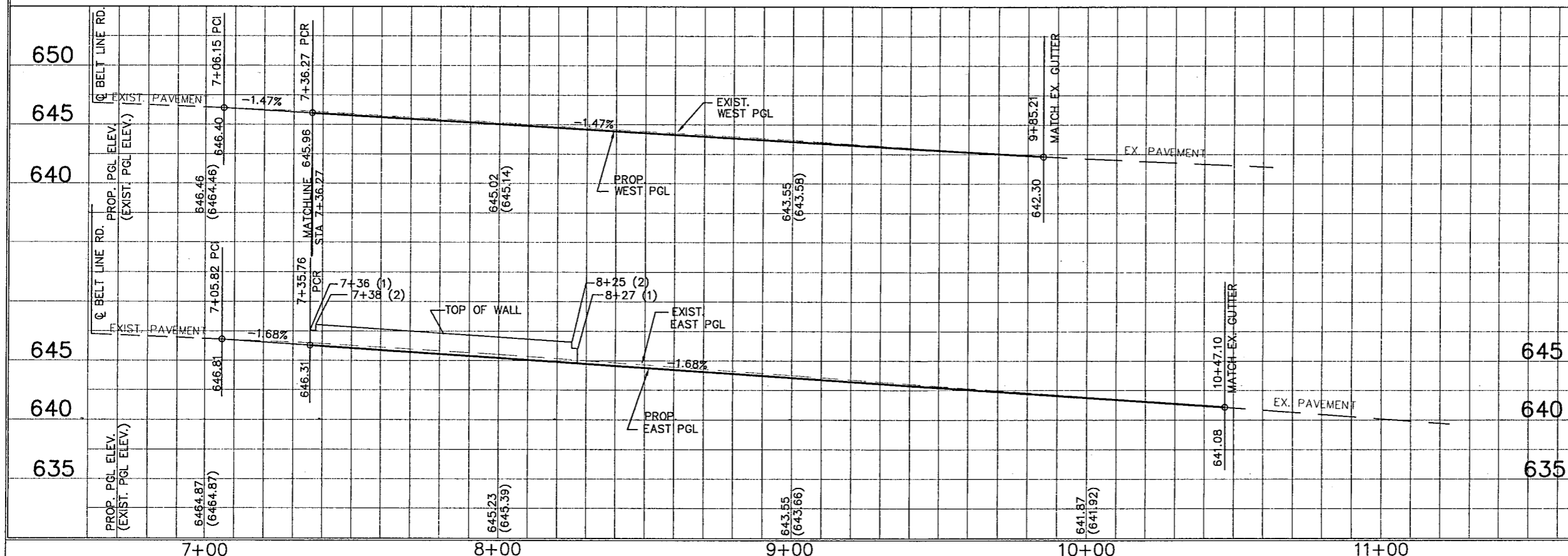
QUORUM DRIVE - MATCHLINE STA 7+36.27



CONST. DART PAVEMENT  
BUS STOP PAD  
SEE DETAIL SHEETS  
(CONTRACTOR SHALL INSTALL ANCHOR BOLTS IN PAD FOR DART BUS SHELTER RELOCATED TO THIS LOCATION. SUBSIDIARY TO ITEM 531.)

NOTES :

1. ALL DRIVEWAY RADII SHALL BE 15' UNLESS NOTED OTHERWISE.
2. BARRIER-FREE RAMP SHALL BE CONSTRUCTED AT ALL DRIVEWAYS AND STREET INTERSECTIONS. SEE PLANS FOR LOCATIONS.
3. SEE DRIVEWAY PROFILE PLAN FOR DRIVEWAY PROFILES.
4. FINAL LOCATIONS OF DART SIGNS SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 649.



REVISED 8' CONC TO 8' CONC PAV. 9/2/97 AT

SHEET 8 OF 8

BARTON-ASCHMAN ASSOCIATES, INC.

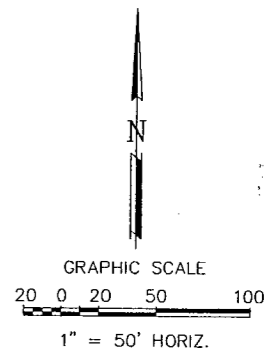
PAVING AND DRAINAGE PLAN/PROFILE SHEET  
QUORUM DRIVE  
STA 7+36.27 TO STA 10+47.10  
ADDISON, TEXAS

DESIGNED BY: R.A.Y.  
DRAWN BY: B.A.A.  
CHECKED BY: L.M.P.

FED. ROAD DIV. No. 6  
STATE TEXAS  
COUNTY DALLAS  
FEDERAL AID PROJECT NO. CM 97 (449)  
SHEET No. 23

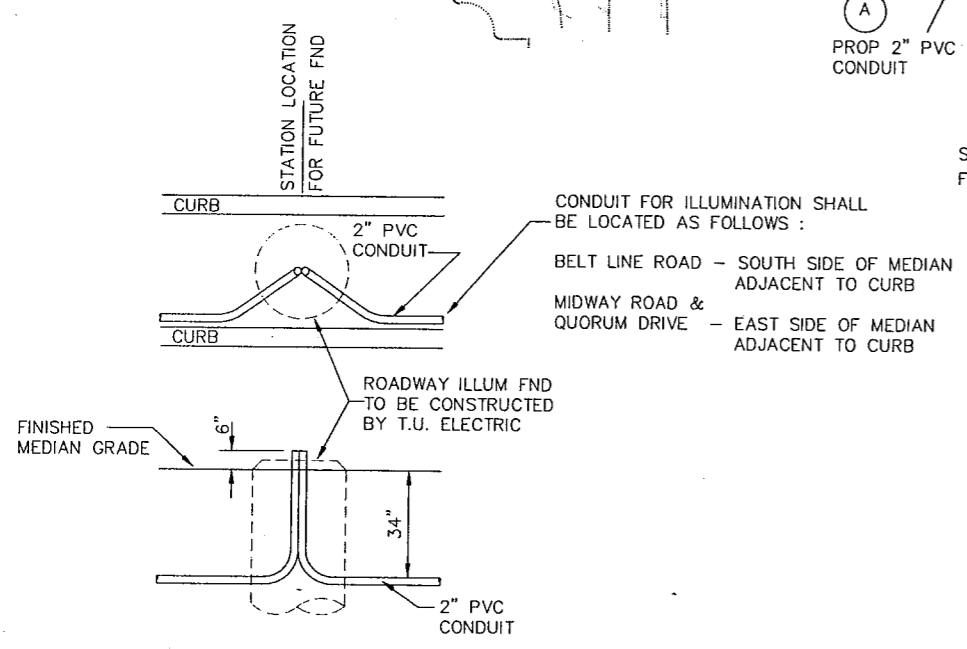
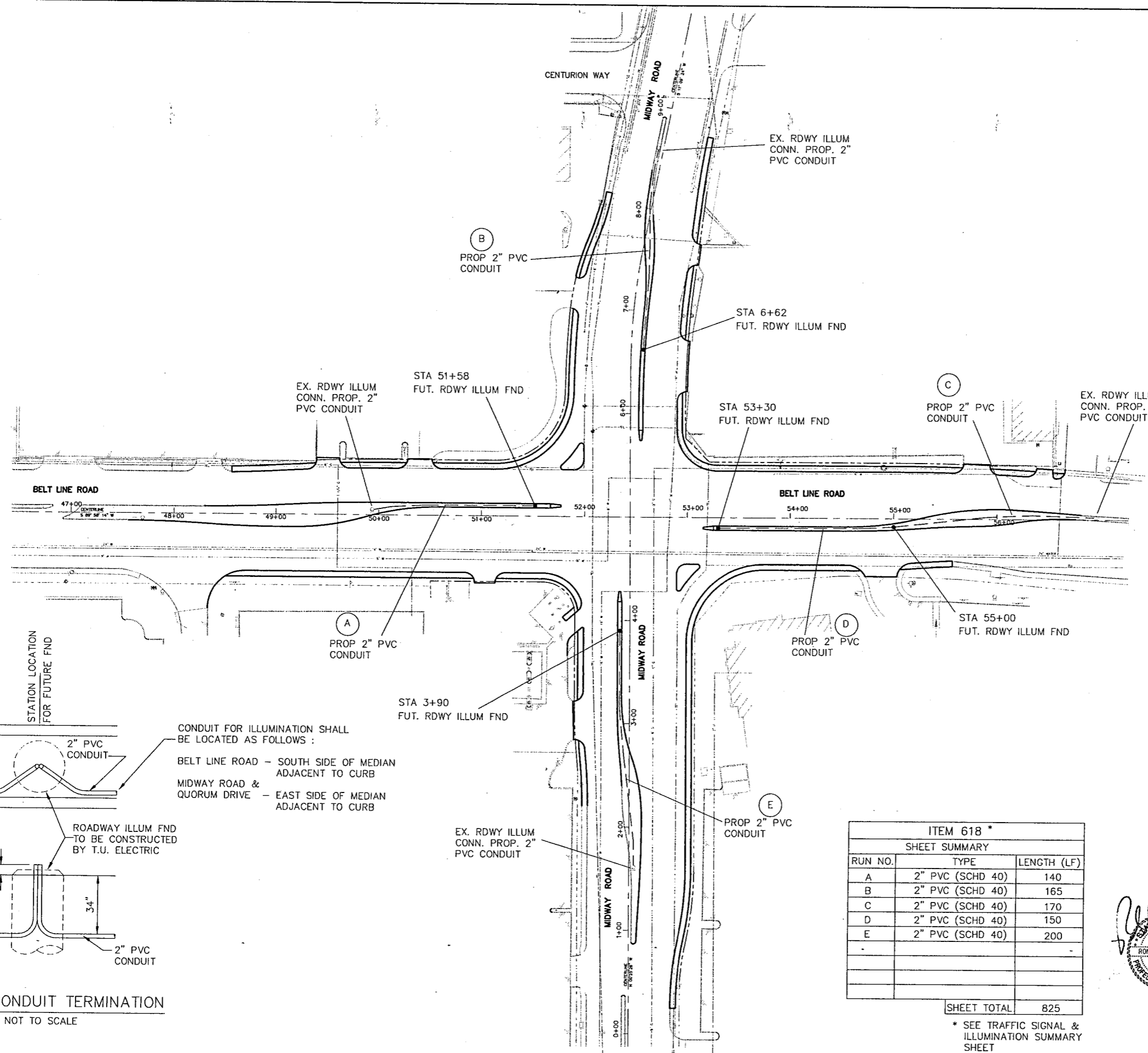
CONTRACT NO. 8050  
DIST. 18  
JOB NO. 034  
HIGHWAY No. BELT LINE RD.

BA FILE NAME :



- LEGEND :
- ⊙ EXIST. RDWY ILLUMINATION (STREET LIGHT)
  - PROPOSED FOUNDATION FOR ROADWAY ILLUMINATION ASSEMBLY (TYPE A)(30" DRILL SHAFT)
  - PROPOSED CONDUIT (PVC)(SCH 40)(2")

- NOTES:
1. FUTURE ROADWAY ILLUMINATION FOUNDATIONS ARE TO BE CENTERED BETWEEN THE BACKS OF CURB EXCEPT AS NOTED HEREON.
  2. TU ELECTRIC WILL REMOVE EXISTING ROADWAY ILLUMINATION POLES (STREET LIGHTS) WHERE NECESSARY. CONTACT TU ELECTRIC (888-1313) TO COORDINATE REMOVALS.
  3. TU ELECTRIC WILL INSTALL ROADWAY ILLUMINATION POLES (STREET LIGHTS) ON FOUNDATIONS TO BE CONSTRUCTED BY TU ELECTRIC.
  4. TU ELECTRIC WILL FURNISH AND INSTALL WIRING IN THE CONDUITS AND ENERGIZE THE CIRCUITS.
  5. CONTRACTOR SHALL INSTALL 2" PVC CONDUIT IN LOCATIONS AS SHOWN HEREON AND SHALL TERMINATE CONDUIT AT FUTURE ILLUMINATION FOUNDATIONS AS SHOWN ON THE CONDUIT TERMINATION DETAIL AND AT THE STATIONS SHOWN HEREON.
  6. ALL CONDUIT TO BE 2" PVC SCHEDULE 40 GRAY ELECTRICAL CONDUIT.
  7. PULL STRINGS SHALL BE PROVIDED IN ALL CONDUITS.
  8. CONDUIT EMBEDMENT SHALL BE 2" OF SAND WITH 6" OF SAND COVER, THEN SOIL BACKFILL.
  9. TU ELECTRIC WILL DETERMINE THE LOCATIONS AND TYPE OF SERVICE FOR THE ROADWAY ILLUMINATION.
  10. THE TOWN OF ADDISON WILL FURNISH AND INSTALL SMALL ROADSIDE SIGNS AND STREET NAME SIGNS.



CONDUIT FOR ILLUMINATION SHALL BE LOCATED AS FOLLOWS :

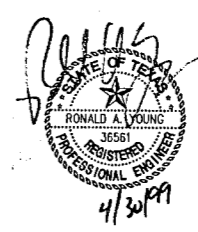
BELT LINE ROAD - SOUTH SIDE OF MEDIAN ADJACENT TO CURB

MIDWAY ROAD & QUORUM DRIVE - EAST SIDE OF MEDIAN ADJACENT TO CURB

ITEM 618 *		
SHEET SUMMARY		
RUN NO.	TYPE	LENGTH (LF)
A	2" PVC (SCHD 40)	140
B	2" PVC (SCHD 40)	165
C	2" PVC (SCHD 40)	170
D	2" PVC (SCHD 40)	150
E	2" PVC (SCHD 40)	200
SHEET TOTAL		825

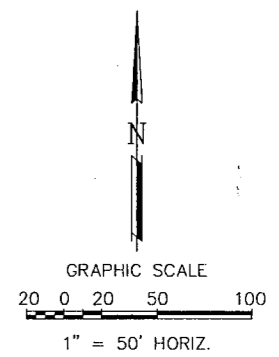
\* SEE TRAFFIC SIGNAL & ILLUMINATION SUMMARY SHEET

SHEET 1 OF 2



ROADWAY ILLUMINATION PLAN				
BELT LINE ROAD				
STA 47+55.63 TO 56+81.18				
ADDISON TRANSIT PASS				
Texas Department of Transportation		DART		
REVISION	DATE	FED. ROAD DIV. No.	FEDERAL AID PROJECT NO.	SHEET No.
		6	CM 97 (449)	39
		STATE	STATE DIST.	COUNTY
		TEXAS	DALLAS	DALLAS
		CONT.	SECT.	JOB
		8050	18	034
DESIGNED BY:	R.A.Y.	HIGHWAY No.		
DRAWN BY:	B.A.A.	BELT LINE RD		
CHECKED BY:	L.M.P.	BA FILE NAME :		





LEGEND :

- EXIST. RDWY ILLUMINATION (STREET LIGHT)
- PROPOSED FOUNDATION FOR ROADWAY ILLUMINATION ASSEMBLY (TYPE A)(30" DRILL SHAFT)
- PROPOSED CONDUIT (PVC)(SCH 40)(2")

NOTES:

1. FUTURE ROADWAY ILLUMINATION FOUNDATIONS ARE TO BE CENTERED BETWEEN THE BACKS OF CURB EXCEPT AS NOTED HEREON.
2. TU ELECTRIC WILL REMOVE EXISTING ROADWAY ILLUMINATION POLES (STREET LIGHTS) WHERE NECESSARY. CONTACT TU ELECTRIC (888-1313) TO COORDINATE REMOVALS.
3. TU ELECTRIC WILL INSTALL ROADWAY ILLUMINATION POLES (STREET LIGHTS) ON FOUNDATIONS TO BE CONSTRUCTED BY TU ELECTRIC.
4. TU ELECTRIC WILL FURNISH AND INSTALL WIRING IN THE CONDUITS AND ENERGIZE THE CIRCUITS.
5. CONTRACTOR SHALL INSTALL 2" PVC CONDUIT IN LOCATIONS AS SHOWN HEREON AND SHALL TERMINATE CONDUIT AT FUTURE ILLUMINATION FOUNDATIONS AS SHOWN ON THE CONDUIT TERMINATION DETAIL AND AT THE STATIONS SHOWN HEREON.
6. ALL CONDUIT TO BE 2" PVC SCHEDULE 40 GRAY ELECTRICAL CONDUIT.
7. PULL STRINGS SHALL BE PROVIDED IN ALL CONDUITS.
8. CONDUIT EMBEDMENT SHALL BE 2" OF SAND WITH 6" OF SAND COVER, THEN SOIL BACKFILL.
9. TU ELECTRIC WILL DETERMINE THE LOCATIONS AND TYPE OF SERVICE FOR THE ROADWAY ILLUMINATION.
10. THE TOWN OF ADDISON WILL FURNISH AND INSTALL SMALL ROADSIDE SIGNS AND STREET NAME SIGNS.

SHEET 2 OF 2



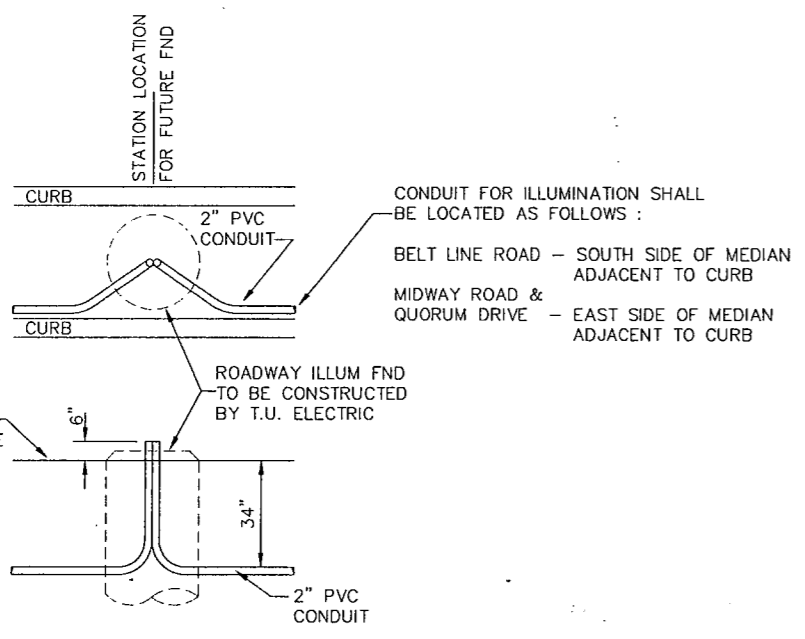
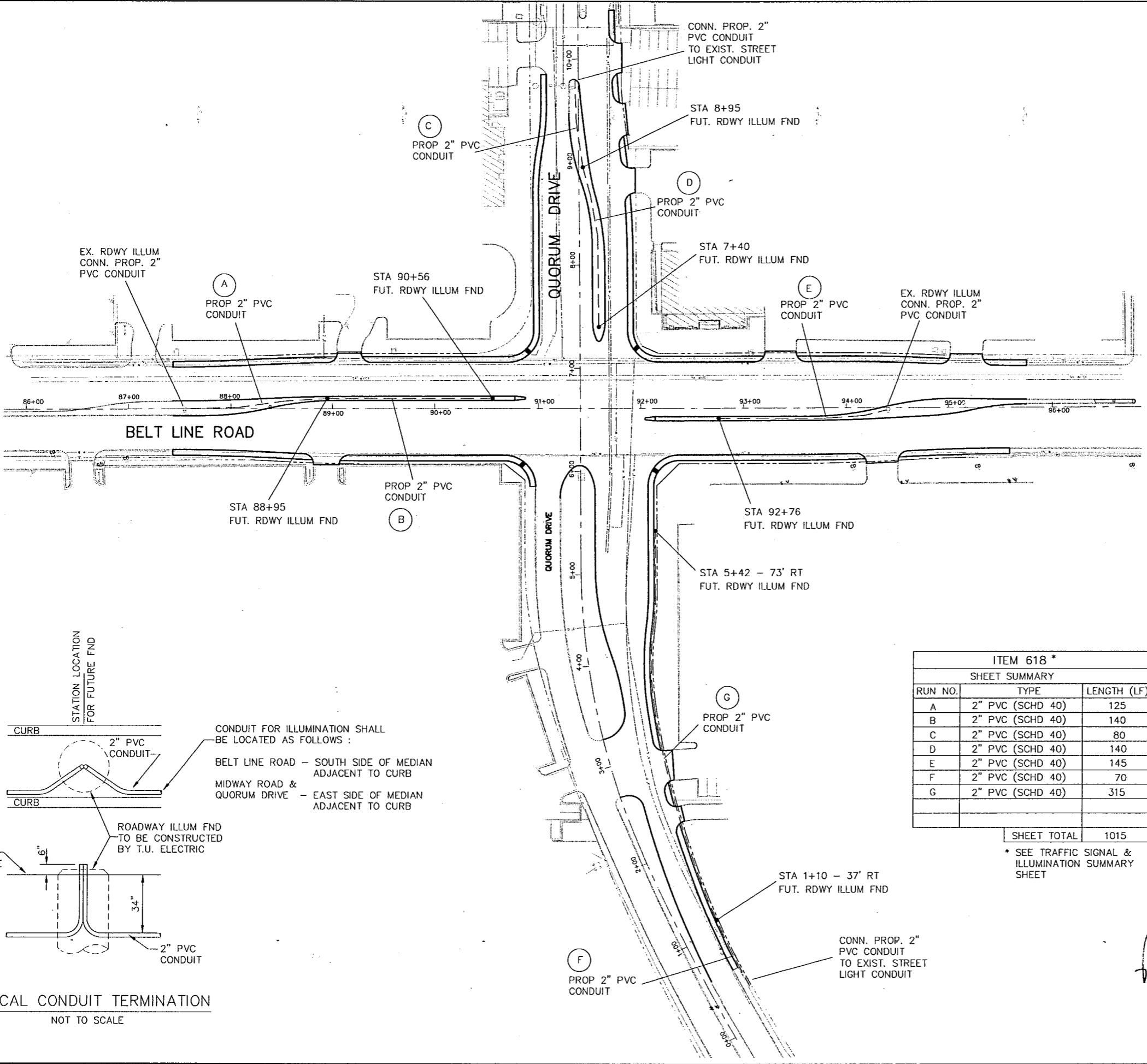
**ROADWAY ILLUMINATION PLAN**

BELT LINE ROAD  
STA 87+43.34 TO 95+75.73  
ADDISON TRANSIT PASS

Texas Department of Transportation		DART	
REVISION	DATE	FED. ROAD DIV. No.	FEDERAL AID PROJECT NO.
		6	CM 97 (449)
		STATE	COUNTY
		TEXAS	DALLAS
		CONT.	SECT.
		8050	18
		JOB	HIGHWAY No.
		034	BELT LINE RD
DESIGNED BY:	R.A.Y.	BA FILE NAME :	
DRAWN BY:	B.A.A.		
CHECKED BY:	L.M.P.		

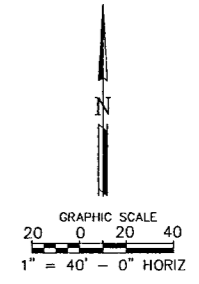
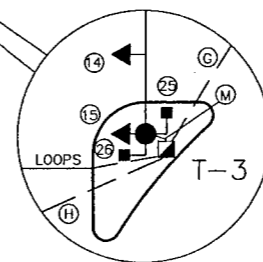
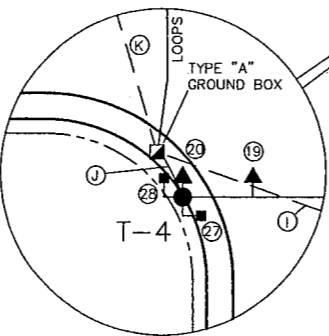
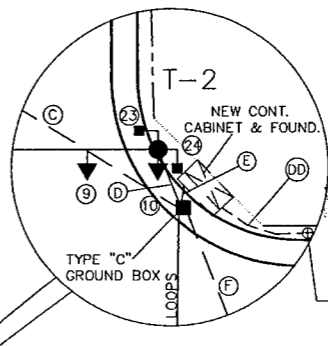
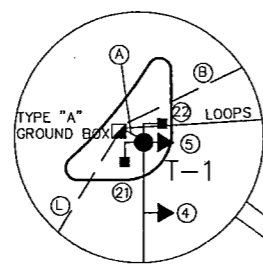
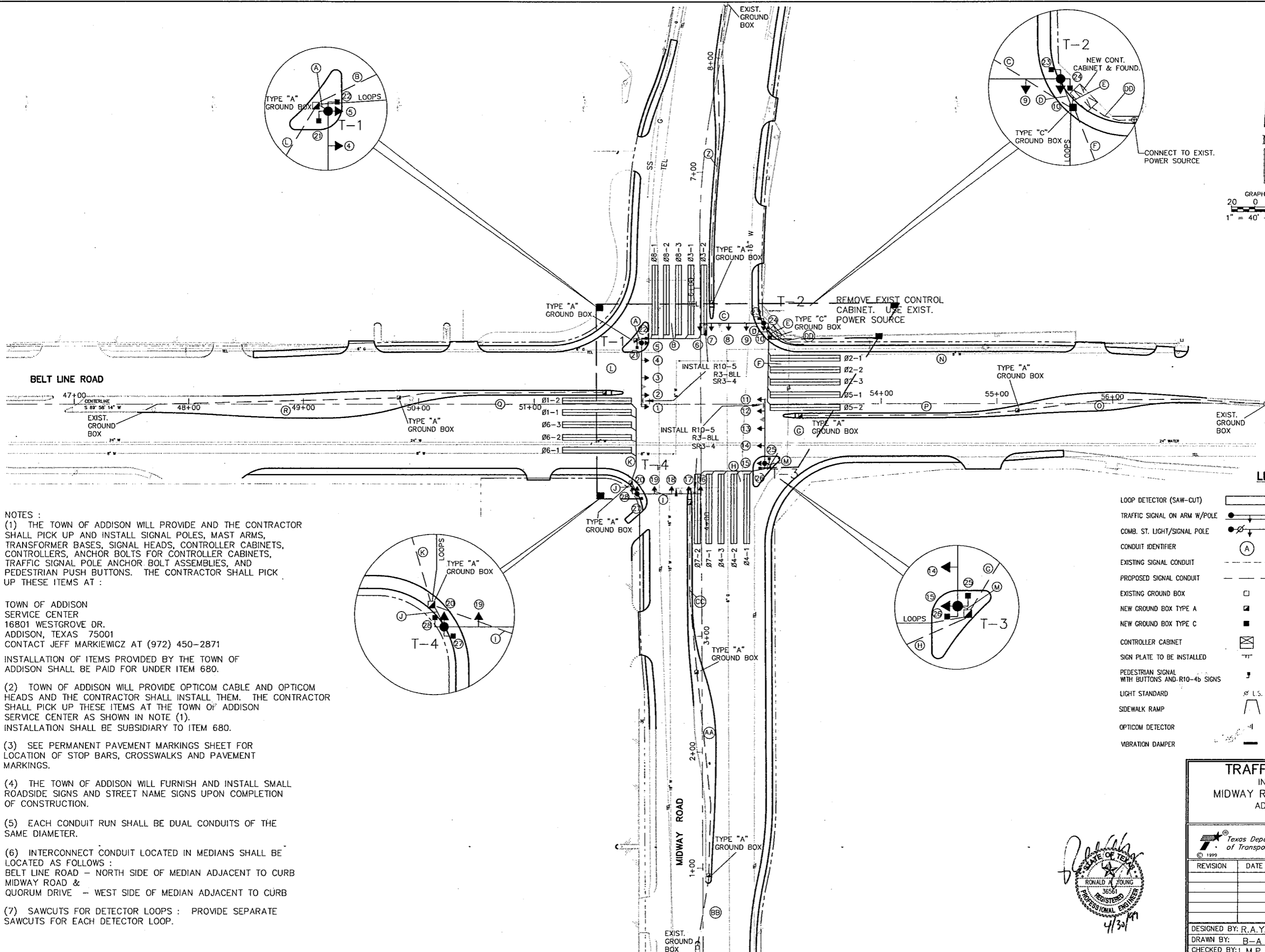
ITEM 618 *		
SHEET SUMMARY		
RUN NO.	TYPE	LENGTH (LF)
A	2" PVC (SCHD 40)	125
B	2" PVC (SCHD 40)	140
C	2" PVC (SCHD 40)	80
D	2" PVC (SCHD 40)	140
E	2" PVC (SCHD 40)	145
F	2" PVC (SCHD 40)	70
G	2" PVC (SCHD 40)	315
SHEET TOTAL		1015

\* SEE TRAFFIC SIGNAL & ILLUMINATION SUMMARY SHEET



TYPICAL CONDUIT TERMINATION  
NOT TO SCALE

6011



**NOTES :**  
 (1) THE TOWN OF ADDISON WILL PROVIDE AND THE CONTRACTOR SHALL PICK UP AND INSTALL SIGNAL POLES, MAST ARMS, TRANSFORMER BASES, SIGNAL HEADS, CONTROLLER CABINETS, CONTROLLERS, ANCHOR BOLTS FOR CONTROLLER CABINETS, TRAFFIC SIGNAL POLE ANCHOR BOLT ASSEMBLIES, AND PEDESTRIAN PUSH BUTTONS. THE CONTRACTOR SHALL PICK UP THESE ITEMS AT :

TOWN OF ADDISON  
 SERVICE CENTER  
 16801 WESTGROVE DR.  
 ADDISON, TEXAS 75001  
 CONTACT JEFF MARKIEWICZ AT (972) 450-2871

INSTALLATION OF ITEMS PROVIDED BY THE TOWN OF ADDISON SHALL BE PAID FOR UNDER ITEM 680.

(2) TOWN OF ADDISON WILL PROVIDE OPTICOM CABLE AND OPTICOM HEADS AND THE CONTRACTOR SHALL INSTALL THEM. THE CONTRACTOR SHALL PICK UP THESE ITEMS AT THE TOWN OF ADDISON SERVICE CENTER AS SHOWN IN NOTE (1). INSTALLATION SHALL BE SUBSIDIARY TO ITEM 680.

(3) SEE PERMANENT PAVEMENT MARKINGS SHEET FOR LOCATION OF STOP BARS, CROSSWALKS AND PAVEMENT MARKINGS.

(4) THE TOWN OF ADDISON WILL FURNISH AND INSTALL SMALL ROADSIDE SIGNS AND STREET NAME SIGNS UPON COMPLETION OF CONSTRUCTION.

(5) EACH CONDUIT RUN SHALL BE DUAL CONDUITS OF THE SAME DIAMETER.

(6) INTERCONNECT CONDUIT LOCATED IN MEDIANS SHALL BE LOCATED AS FOLLOWS :  
 BELT LINE ROAD - NORTH SIDE OF MEDIAN ADJACENT TO CURB  
 MIDWAY ROAD &  
 QUORUM DRIVE - WEST SIDE OF MEDIAN ADJACENT TO CURB

(7) SAWCUTS FOR DETECTOR LOOPS : PROVIDE SEPARATE SAWCUTS FOR EACH DETECTOR LOOP.

**LEGEND**

LOOP DETECTOR (SAW-CUT)		TELEPHONE LINE U.G.	
TRAFFIC SIGNAL ON ARM W/POLE		TELEPHONE LINE O.H.	
COMB. ST. LIGHT/SIGNAL POLE		SEWER LINE	
CONDUIT IDENTIFIER		STORM DRAIN LINE	
EXISTING SIGNAL CONDUIT		ELECTRIC LINE U.G.	
PROPOSED SIGNAL CONDUIT		ELECTRIC LINE O.H.	
EXISTING GROUND BOX		GAS LINE	
NEW GROUND BOX TYPE A		WATER LINE	
NEW GROUND BOX TYPE C		FIRE HYDRANT	
CONTROLLER CABINET		POWER POLE	
SIGN PLATE TO BE INSTALLED		EXISTING PAVEMENT MARKINGS	
PEDESTRIAN SIGNAL WITH BUTTONS AND R10-4b SIGNS		MANHOLE	
LIGHT STANDARD			
SIDEWALK RAMP			
OPTICOM DETECTOR			
VIBRATION DAMPER			

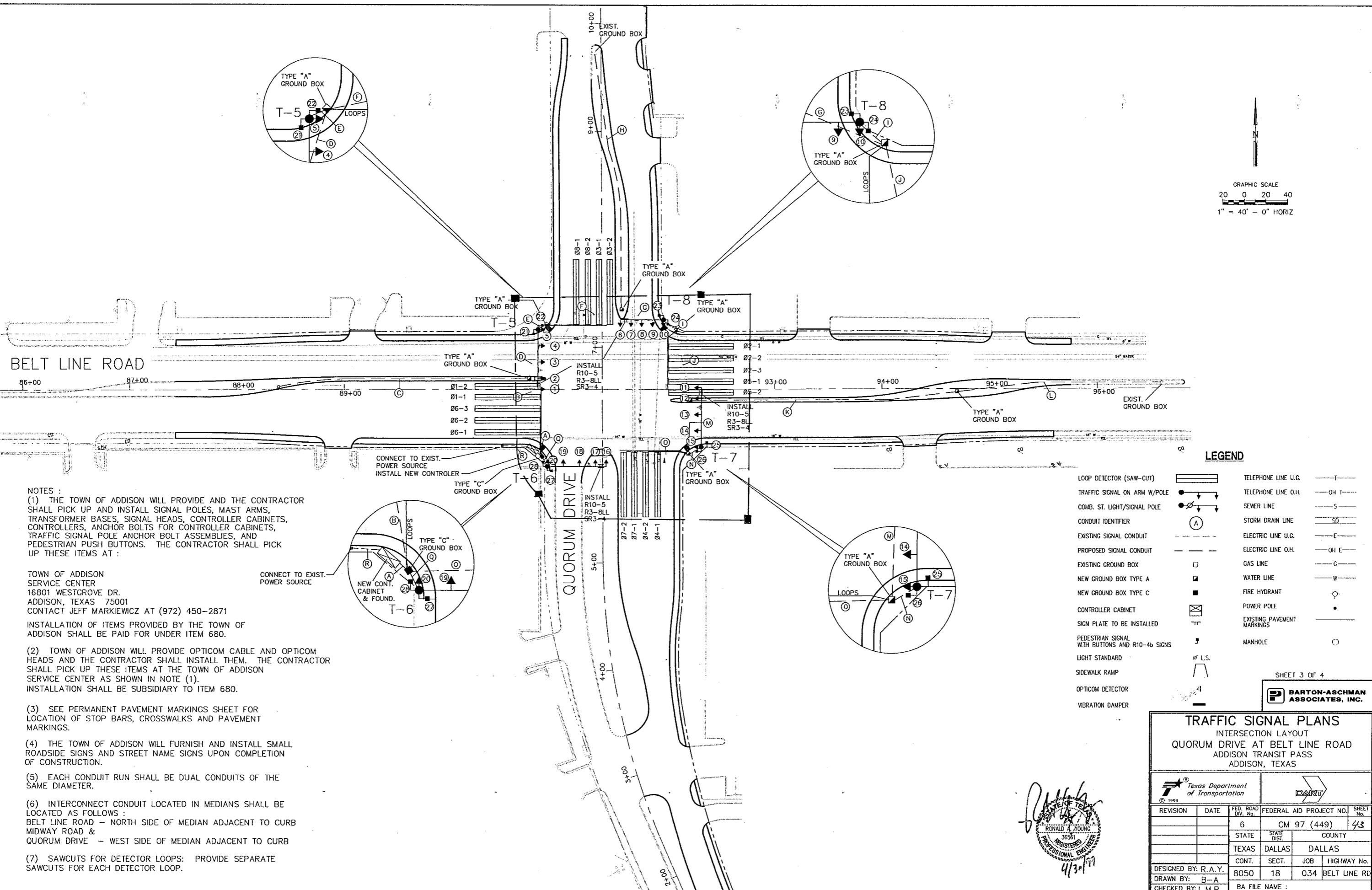
SHEET 1 OF 4

**BARTON-ASCHMAN ASSOCIATES, INC.**

**TRAFFIC SIGNAL PLANS**  
 INTERSECTION LAYOUT  
 MIDWAY ROAD AT BELT LINE ROAD  
 ADDISON TRANSIT PAST  
 ADDISON, TEXAS

REVISION	DATE	FED. ROAD DIST. No.	FEDERAL AID PROJECT NO.
		6	CM 97 (449)
		STATE	STATE DIST. COUNTY
		TEXAS	DALLAS DALLAS
DESIGNED BY: R.A.Y.	CONT. 8050	SECT. 18	JOB 034
DRAWN BY: B-A	HIGHWAY No. BELT LINE RD		
CHECKED BY: L.M.P.	BA FILE NAME :		

*Ronald A. Young*  
 RONALD A. YOUNG  
 36561  
 REGISTERED PROFESSIONAL ENGINEER  
 4/30/99



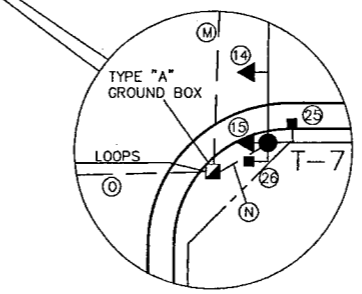
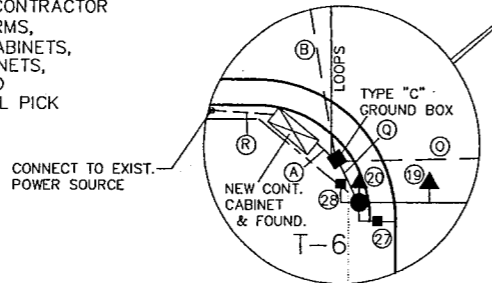
BELT LINE ROAD

QUORUM DRIVE

- NOTES :
- (1) THE TOWN OF ADDISON WILL PROVIDE AND THE CONTRACTOR SHALL PICK UP AND INSTALL SIGNAL POLES, MAST ARMS, TRANSFORMER BASES, SIGNAL HEADS, CONTROLLER CABINETS, CONTROLLERS, ANCHOR BOLTS FOR CONTROLLER CABINETS, TRAFFIC SIGNAL POLE ANCHOR BOLT ASSEMBLIES, AND PEDESTRIAN PUSH BUTTONS. THE CONTRACTOR SHALL PICK UP THESE ITEMS AT :
  - (2) TOWN OF ADDISON WILL PROVIDE OPTICOM CABLE AND OPTICOM HEADS AND THE CONTRACTOR SHALL INSTALL THEM. THE CONTRACTOR SHALL PICK UP THESE ITEMS AT THE TOWN OF ADDISON SERVICE CENTER AS SHOWN IN NOTE (1). INSTALLATION SHALL BE SUBSIDIARY TO ITEM 680.
  - (3) SEE PERMANENT PAVEMENT MARKINGS SHEET FOR LOCATION OF STOP BARS, CROSSWALKS AND PAVEMENT MARKINGS.
  - (4) THE TOWN OF ADDISON WILL FURNISH AND INSTALL SMALL ROADSIDE SIGNS AND STREET NAME SIGNS UPON COMPLETION OF CONSTRUCTION.
  - (5) EACH CONDUIT RUN SHALL BE DUAL CONDUITS OF THE SAME DIAMETER.
  - (6) INTERCONNECT CONDUIT LOCATED IN MEDIANS SHALL BE LOCATED AS FOLLOWS :  
 BELT LINE ROAD -- NORTH SIDE OF MEDIAN ADJACENT TO CURB  
 MIDWAY ROAD &  
 QUORUM DRIVE -- WEST SIDE OF MEDIAN ADJACENT TO CURB
  - (7) SAWCUTS FOR DETECTOR LOOPS: PROVIDE SEPARATE SAWCUTS FOR EACH DETECTOR LOOP.

CONNECT TO EXIST. POWER SOURCE

CONNECT TO EXIST. POWER SOURCE  
INSTALL NEW CONTROLLER



**LEGEND**

LOOP DETECTOR (SAW-CUT)	TELEPHONE LINE U.G.	— T —
TRAFFIC SIGNAL ON ARM W/POLE	TELEPHONE LINE O.H.	— OH T —
COMB. ST. LIGHT/SIGNAL POLE	SEWER LINE	— S —
CONDUIT IDENTIFIER	STORM DRAIN LINE	— SD —
EXISTING SIGNAL CONDUIT	ELECTRIC LINE U.G.	— E —
PROPOSED SIGNAL CONDUIT	ELECTRIC LINE O.H.	— OH E —
EXISTING GROUND BOX	GAS LINE	— C —
NEW GROUND BOX TYPE A	WATER LINE	— W —
NEW GROUND BOX TYPE C	FIRE HYDRANT	— FH —
CONTROLLER CABINET	POWER POLE	— PP —
SIGN PLATE TO BE INSTALLED	EXISTING PAVEMENT MARKINGS	— PM —
PEDESTRIAN SIGNAL WITH BUTTONS AND R10-4b SIGNS	MANHOLE	— M —
LIGHT STANDARD		
SIDEWALK RAMP		
OPTICOM DETECTOR		
VIBRATION DAMPER		

SHEET 3 OF 4



**TRAFFIC SIGNAL PLANS**  
 INTERSECTION LAYOUT  
 QUORUM DRIVE AT BELT LINE ROAD  
 ADDISON TRANSIT PASS  
 ADDISON, TEXAS

Texas Department of Transportation		DART	
REVISION	DATE	FED. ROAD DIST. No.	FEDERAL AID PROJECT NO.
		6	CM 97 (449)
		STATE	STATE DIST.
		TEXAS	DALLAS
		CONT.	SECT.
		8050	18
		JOB	HIGHWAY No.
		034	BELT LINE RD.
DESIGNED BY: R.A.Y.		BA FILE NAME :	
DRAWN BY: B-A			
CHECKED BY: L.M.P.			

