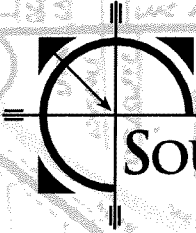


DART

Appendix D
Preliminary Engineering Plan
and Profile Drawings

Southeast Corridor Final Environmental Impact Statement

U.S. Department of Transportation (USDOT)
Federal Transit Administration (FTA)
and Dallas Area Rapid Transit (DART)



October 2003

SOUTHEAST CORRIDOR

SOUTHEAST CORRIDOR
PEARL STATION TO BUCKNER STATION
LINE SECTIONS SE - 1 & SE - 2

PRELIMINARY ENGINEERING - 100% DESIGN



PRELIMINARY
NOT FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES.
FOR REVIEW ONLY.

Carter & Burgess, Inc.
T.G. Shelton, P.E. No. 87897
Date: 7 JUN 02

CITY OF DALLAS APPROVAL

RECOMMENDED:

PROJECT MANAGER _____ DATE

APPROVED:

DIRECTOR OF PUBLIC WORKS _____ DATE

CARTER & BURGESS, INC.

RECOMMENDED:

PROJECT MANAGER _____ DATE

APPROVED:

PROJECT DIRECTOR _____ DATE

DALLAS AREA RAPID TRANSIT

RECOMMENDED:

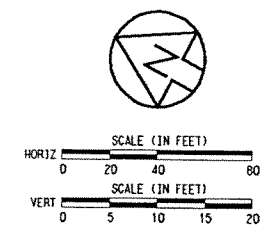
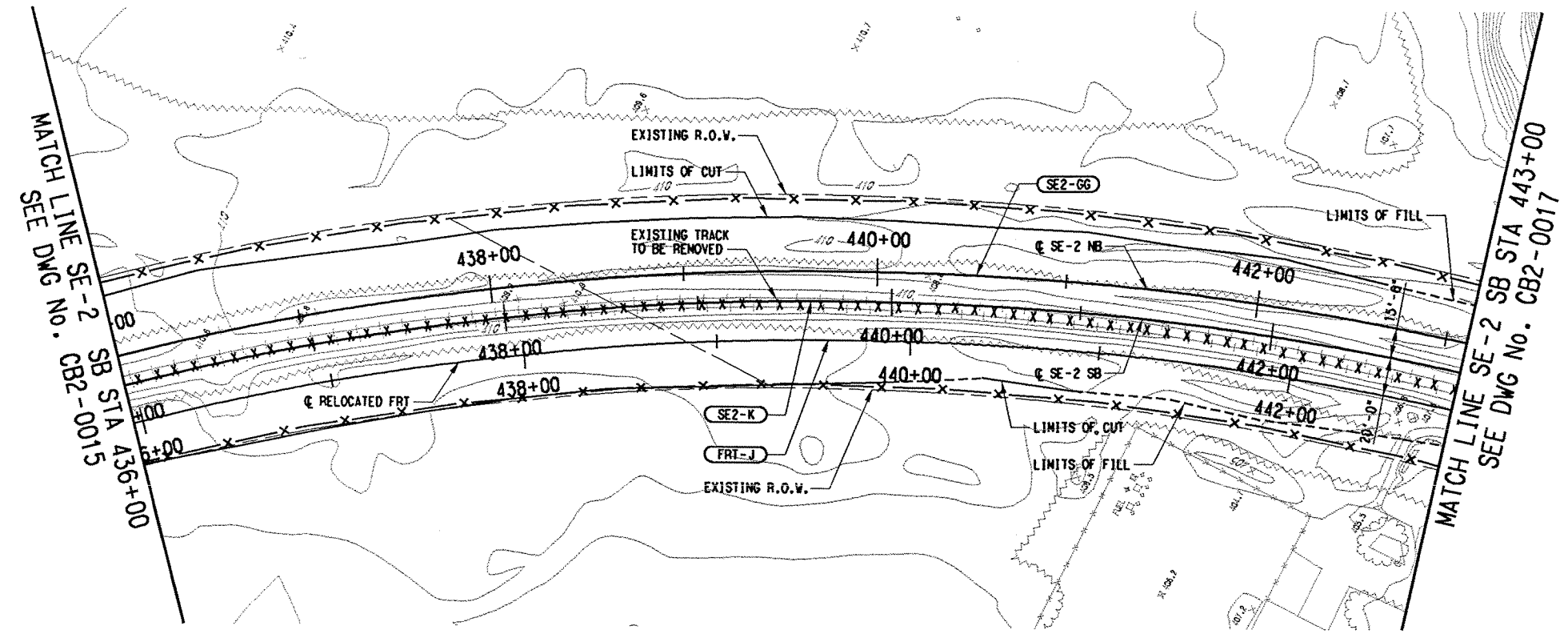
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APPROVED:

SENIOR VICE-PRESIDENT OF PROJECT MANAGEMENT _____ DATE

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SE2-K (SB)		FRT-J	
Rc =	1510.00'	Rc =	1490.00'
Ls =	198.98'	Ls =	197.66'
Lc =	1242.68'	Lc =	1224.91'
Ea =	4.00"	Ea =	.
Eu =	1.36"	Eu =	.
V =	45 MPH	V =	MPH

SE2-GG (NB)	
Rc =	1525.50'
Ls =	200.00'
Lc =	1256.46'
Ea =	4.00"
Eu =	1.36"
V =	45 MPH

Station	437+00	438+00	439+00	440+00	441+00	442+00	443+00
440							440
430							430
420							420
410							410
400							400
390							390
380							380
370							370
	412.06	412.60	413.14	413.67	414.21	414.75	415.23

+0.54%

PROPOSED TOP OF RAIL SE-2 SB

EXISTING GROUNDLINE AT @ SE-2 SB

PVC 442+50.00
EL 415.01
LVC = 200.00
G1 = +0.54%
G2 = -0.29%
± = -0.21 FT
K=241

PRELIMINARY
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 BIDDING, OR PERMIT PURPOSES.
 FOR REVIEW ONLY.

 Carter & Burgess, Inc.
 J. T. Nicol, P.E. No. 89139
 Date: 7 JUN 02

NOT AN APPROVED DRAWING
PRELIMINARY ENGINEERING 100% DESIGN

CONTRACT SHEET No. 80 OF 329

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION SE-2
GUIDEWAY PLAN AND PROFILE
STA 436+00 TO STA 443+00
SHEET 16 OF 42

REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

Carter=Burgess Carter=Burgess
CARTER & BURGESS, INC.
 7950 ELMBROOK DRIVE, SUITE 250
 DALLAS, TX 75247-4961

ARREDONDO, ZEPEDA, & BRUNZ, INC.
 WALLACE, ROBERTS & TODD
 TERRA-MAR, INC.

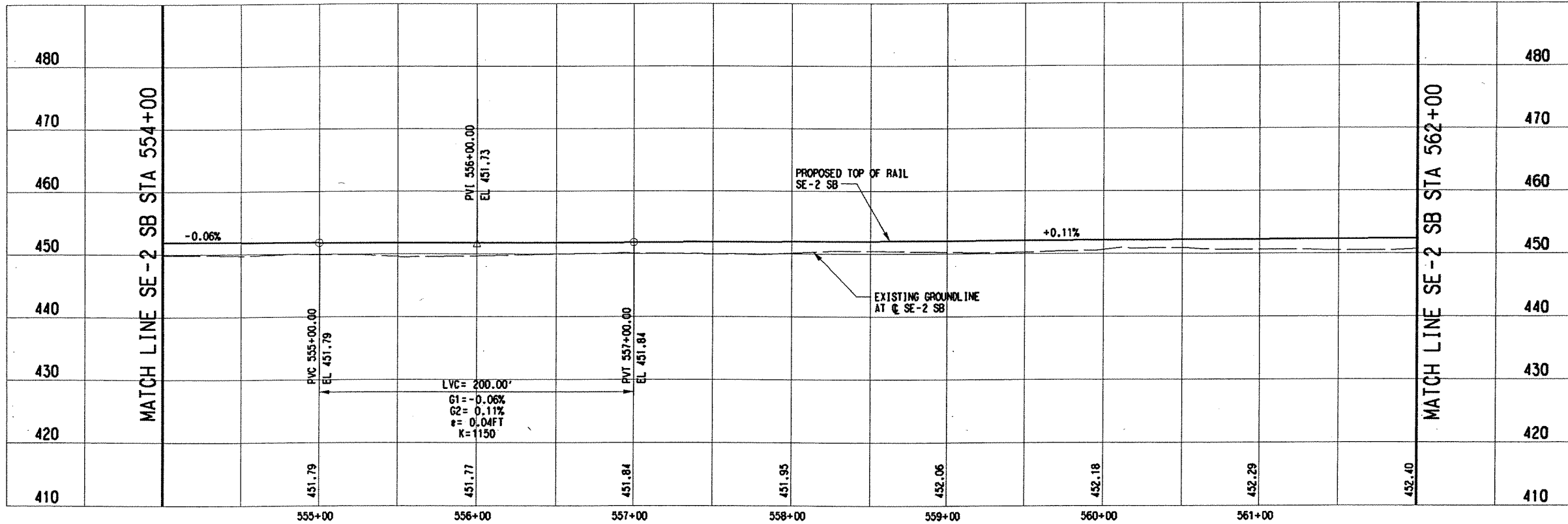
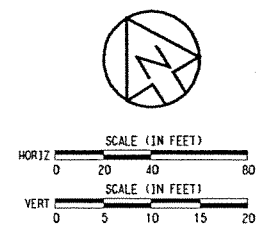
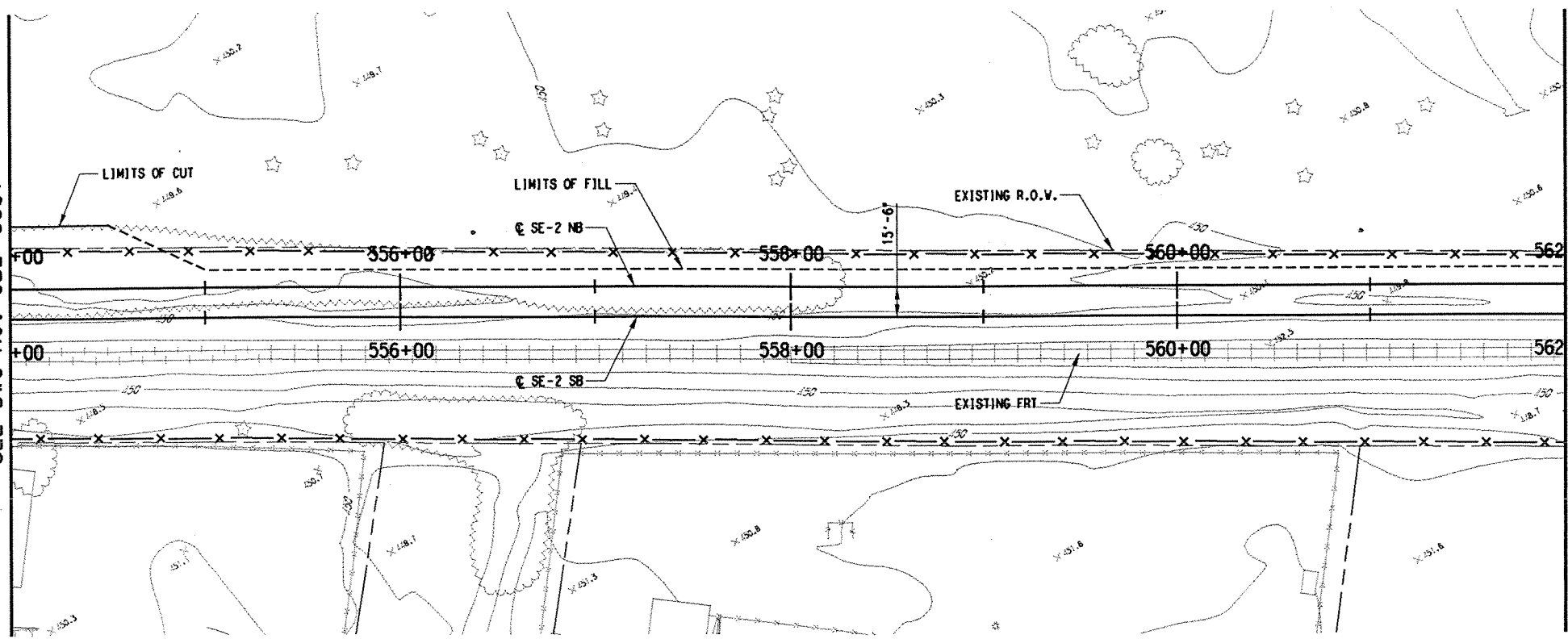
DART PROJECT

SCALE	AS SHOWN
DRAWN	K. TOOLEY
DESIGNED	J. NICOL
CHECKED	T. WILLIAMS
IN CHARGE	T. SHELTON
DATE	7 JUN 02

(B) REF=... (C) REF=... (D) REF=... (E) REF=... (F) REF=... (G) REF=... (H) REF=... (I) REF=... (J) REF=... (K) REF=... (L) REF=... (M) REF=... (N) REF=... (O) REF=... (P) REF=... (Q) REF=... (R) REF=... (S) REF=... (T) REF=... (U) REF=... (V) REF=... (W) REF=... (X) REF=... (Y) REF=... (Z) REF=...
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MATCH LINE SE-2 SB STA 554+00
 SEE DWG No. CB2-0031

MATCH LINE SE-2 SB STA 562+00
 SEE DWG No. CB2-0033



MATCH LINE SE-2 SB STA 554+00

MATCH LINE SE-2 SB STA 562+00

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 Carter & Burgess, Inc.
 J. T. Nicol, P.E. No. 89139
 Date: 7 JUN 02

NOT AN APPROVED DRAWING
PRELIMINARY ENGINEERING 100% DESIGN

CONTRACT SHEET No. 96 OF 329

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION SE-2
GUIDEWAY PLAN AND PROFILE
STA 554+00 TO STA 562+00
SHEET 32 OF 42

Carter=Burgess
 CARTER & BURGESS, INC.
 7950 ELMBROOK DRIVE, SUITE 250
 DALLAS, TX 75247-4961

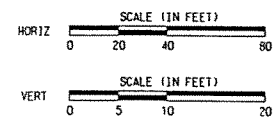
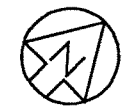


SCALE	AS SHOWN
DRAWN	K. TOOLEY
DESIGNED	J. NICOL
CHECKED	T. WILLIAMS
IN CHARGE	T. SHELTON
DATE	T JUN 02

CONTRACT C-98000139 DWG No. CB2-0032 REV

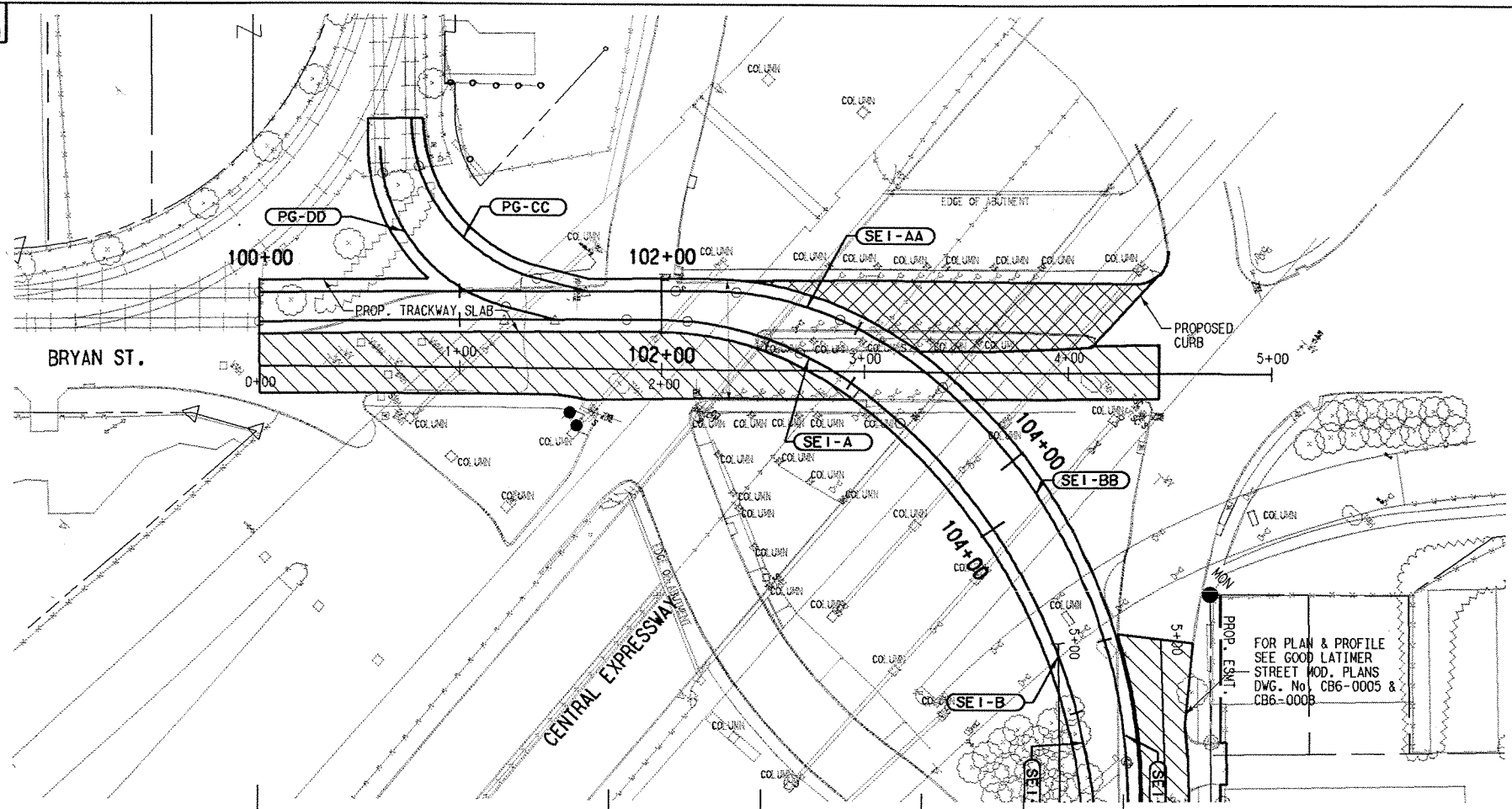
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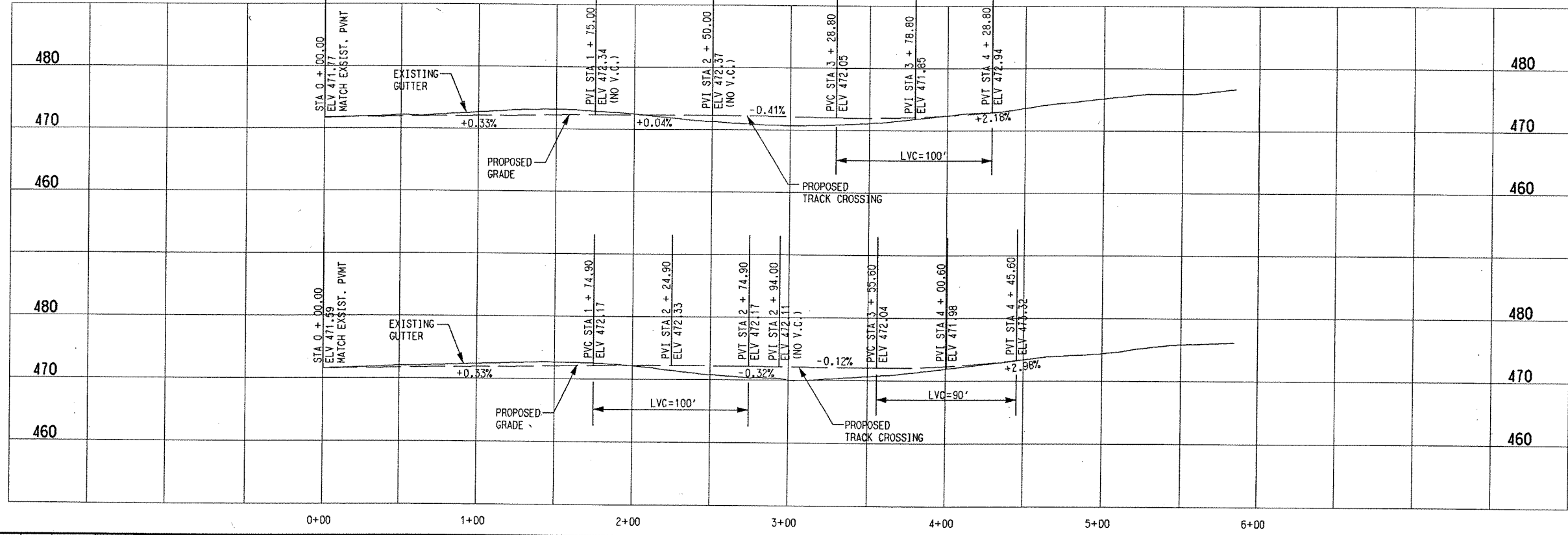


LEGEND

- PROPOSED STREET / ALLEY RECONSTRUCTION
- PROPOSED STREET / ALLEY CLOSURE



BENCHMARK:
 STD. WDBM ON CONC. CURB OF STORM SEWER INLET @
 N.E. CORNER OF INTERSECTION OF CENTRAL EXPRESSWAY
 & LIVE OAK ST.
 ELEV. - 474.37



PRELIMINARY
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 FOR REVIEW ONLY.

 Arredondo, Zepeda & Brunz, Inc.
 Lowell A. Avery, P.E. No. 55168
 Date: 07 JUN 02

NOT AN APPROVED DRAWING
PRELIMINARY ENGINEERING 100% DESIGN

CONTRACT SHEET No. 85 OF 256

REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

AZ&B
ARREDONDO, ZEPEDA & BRUNZ, INC.
 11355 MCCREE RD.
 DALLAS, TX 75238

Carter=Burgess
 ARREDONDO, ZEPEDA, & BRUNZ, INC.
 WALLACE, ROBERTS & TODD
 TERRA-MAR, INC.

DART PROJECT



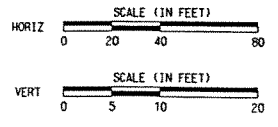
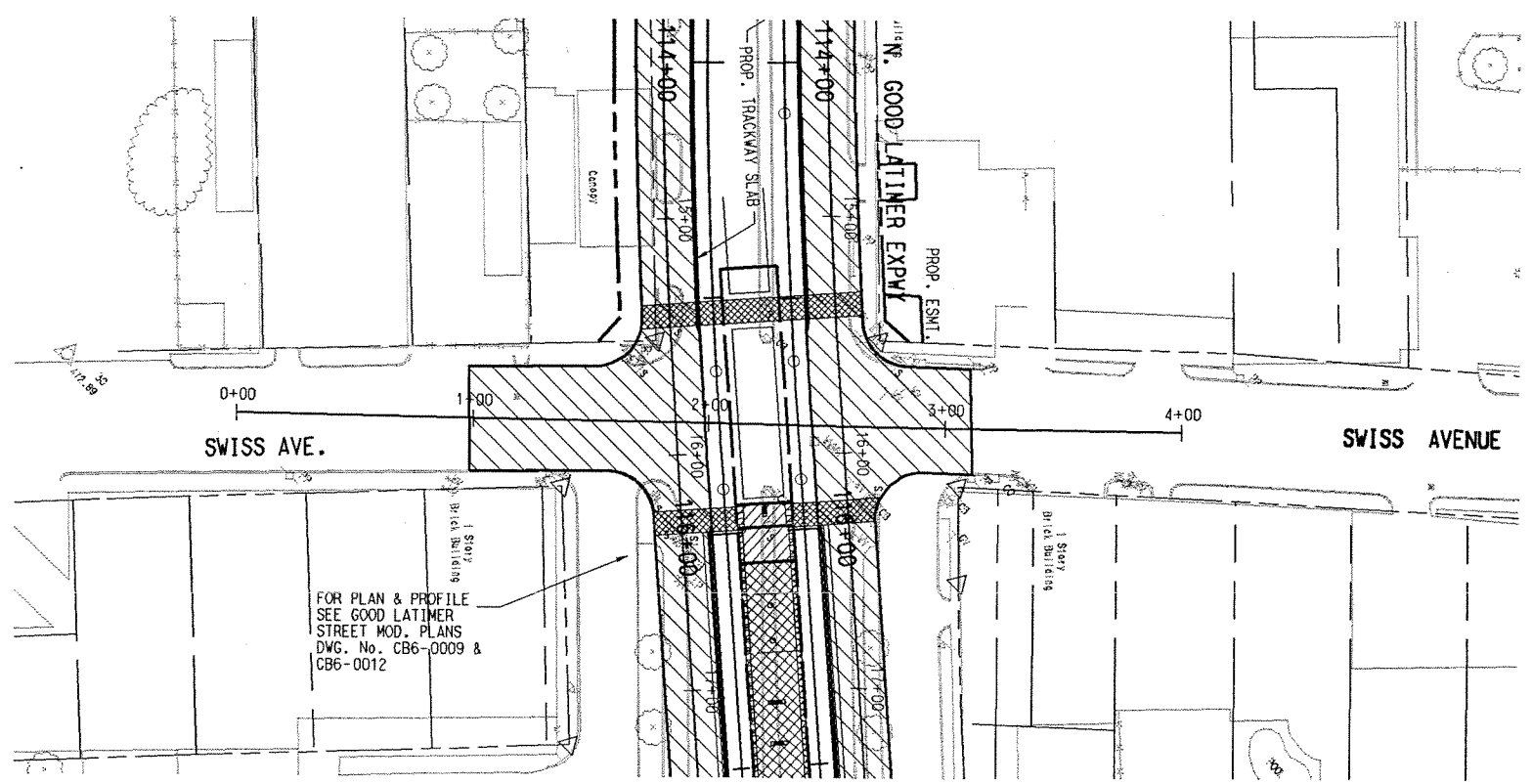
SCALE	AS NOTED
DRAWN	P. KASPRZYK
DESIGNED	L.A. AVERY
CHECKED	R. BRUNZ
IN CHARGE	V. ZEPEDA
DATE	07 JUN 02
DARTCAD	

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION SE-1

STREET MODIFICATIONS
BRYAN STREET

CONTRACT	DWG No.	REV
C-98000139	CB6-0001	

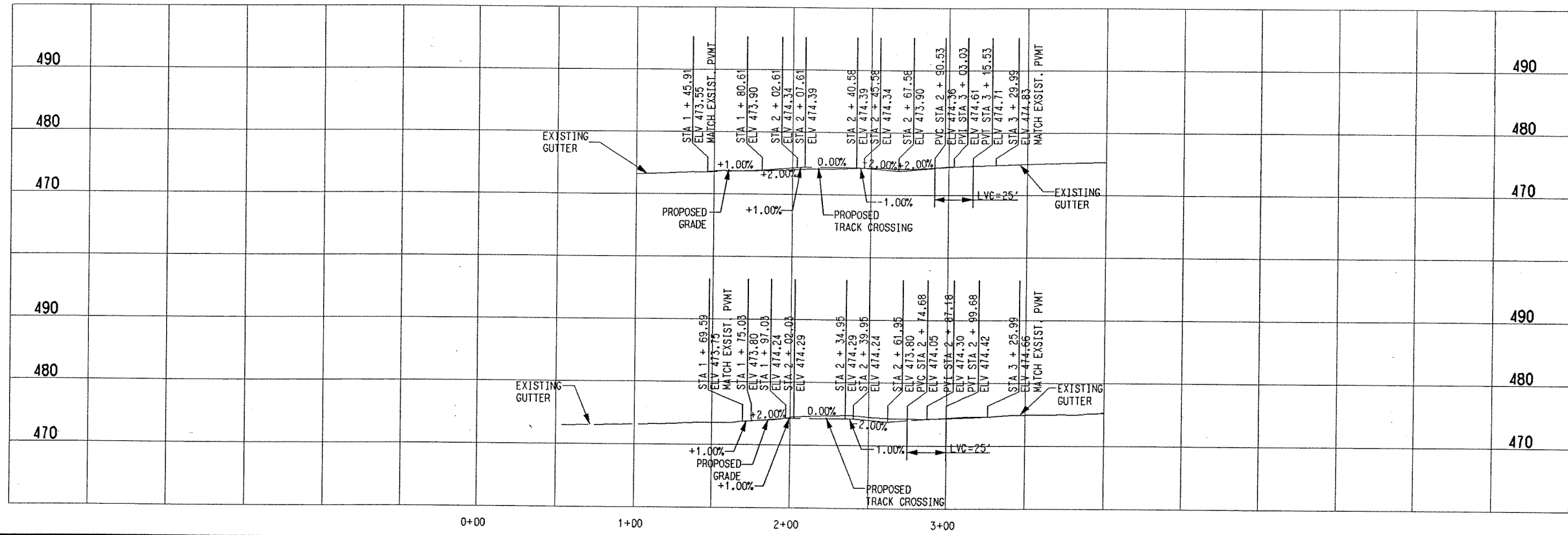
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 \$DATE\$
 \$FILE\$



LEGEND

PROPOSED STREET / ALLEY RECONSTRUCTION

BENCHMARK:
RIVET IN CONCRETE SIDEWALK AT SW CORNER OF
INTERSECTION OF SWISS AVE AND CANTEGRAL
ELEV. - 478.89



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 FOR REVIEW ONLY.

 Arredondo, Zepeda & Brunz, Inc.
 Lowell A. Avery, P.E. No. 55168
 Date: 07 JUN 02

NOT AN APPROVED DRAWING
PRELIMINARY ENGINEERING 100% DESIGN

CONTRACT SHEET No. **87 OF 256**

REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

AZ&B
ARREDONDO, ZEPEDA & BRUNZ, INC.
 11355 McCREE RD.
 DALLAS, TX 75238

Carter=Burgess
 ARREDONDO, ZEPEDA, & BRUNZ, INC.
 WALLACE, ROBERTS & TODD
 TERRA-MAR, INC.

DART PROJECT



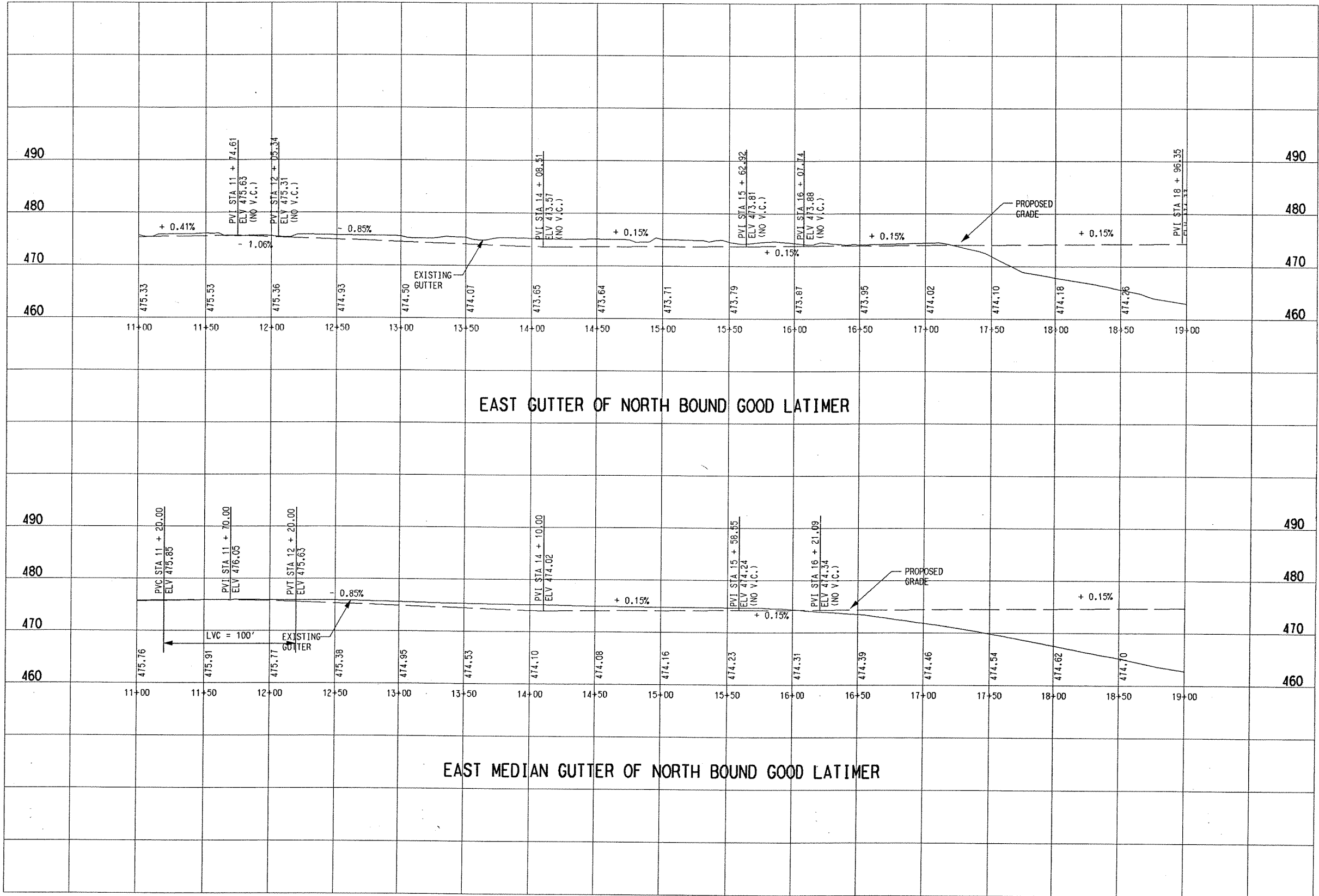
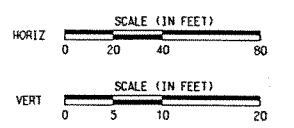
SCALE	AS NOTED
DRAWN	P. KASPRZYK
DESIGNED	L.A. AVERY
CHECKED	R. BRUNZ
IN CHARGE	V. ZEPEDA
DATE	07 JUN 02
DARTCAD	

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION SE-1

STREET MODIFICATIONS
SWISS AVENUE

CONTRACT C-98000139 DWG No. CB6-0003 REV

#REF10\$
#REF8\$
#REF6\$
#REF4\$
#REF2\$
#FILE\$



PRELIMINARY
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FOR REVIEW ONLY.

Arredondo, Zepeda & Brunz, Inc.
Lowell A. Avery, P.E. No. 55168
Date: 07 JUN 02

NOT AN APPROVED DRAWING
PRELIMINARY ENGINEERING 100% DESIGN

CONTRACT SHEET No. 93 OF 256

REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

AZ&B
ARREDONDO, ZEPEDA
& BRUNZ, INC.
11355 MCCREE RD.
DALLAS, TX 75238

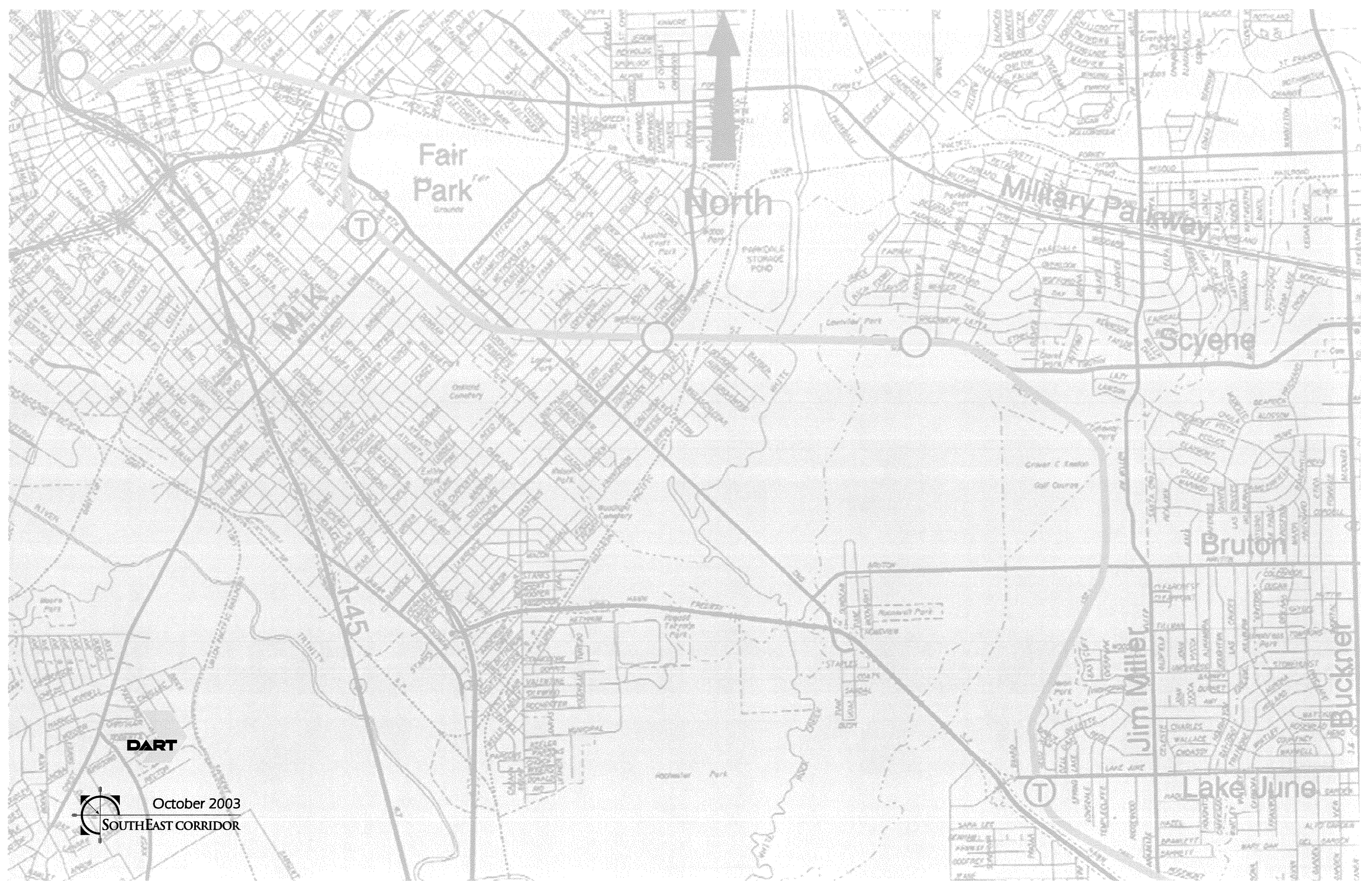
Carter-Burgess
ARREDONDO, ZEPEDA, & BRUNZ, INC.
WALLACE, ROBERTS & TODD
TERRA-MAR, INC.

DART PROJECT



SCALE	AS NOTED
DRAWN	P. KASPRZYK
DESIGNED	L.A. AVERY
CHECKED	R. BRUNZ
IN CHARGE	V. ZEPEDA
DATE	07 JUN 02

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION SE-1
STREET MODIFICATIONS
PROFILES
NORTHBOUND GOOD LATIMER
STA. 11+00 TO STA. 19+00



DART

October 2003
SOUTHEAST CORRIDOR