Texas Department of Transportation

DALLAS DISTRICT

WILLIAM L. HALE, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

IH-30 MANAGED LANES (INTERSTATE)

MANAGED LANE PROJECT
CONTROLLING CSJ: 1068-04-126 (IH 30)
FROM TARRANT COUNTY LINE TO SYLVAN AVE IN DALLAS
CSJ: 1068-02-120 (IH 30)
FROM BALLPARK WAY TO DALLAS COUNTY LINE
THIS SCHEMATIC SHOWS A CONSTRUCTION PHASE OF SIGNATURE BRIDGE PROJECT
CSJ: 1068-04-116 (IH 30)
FROM EAST OF SYLVAN AVE TO IH 35E
SIGNATURE BRIDGE PROJECT SCHEMATIC APPROVED UNDER PEGASUS PROJECT
CONTROLLING CSJ: 0009-11-181 (IH 30)
FROM IH 45 TO IH 35E

Design Speed : 60 mph (Main line and HOV)
50 mph (HOV Ramps and Trinity River Bridge)
45 mph (Ramps)
Project Length : 13.14 miles

Average Daily Traffic 2007 (2025)

NW 19TH ST TO BELTLINE RD:	198,373 (214,801)
BELTLINE RD TO MacARTHUR BLVD:	195,488 (209,078)
MacARTHUR BLVD TO LOOP 12:	215,611 (215,658)
LOOP 12 TO WESTMORELAND:	194,348 (202,241)
WESTMORELAND TO HAMPTON RD:	170,903 (184,188)
HAMPTON RD. TO DOWNTOWN:	182,799 (195,659)

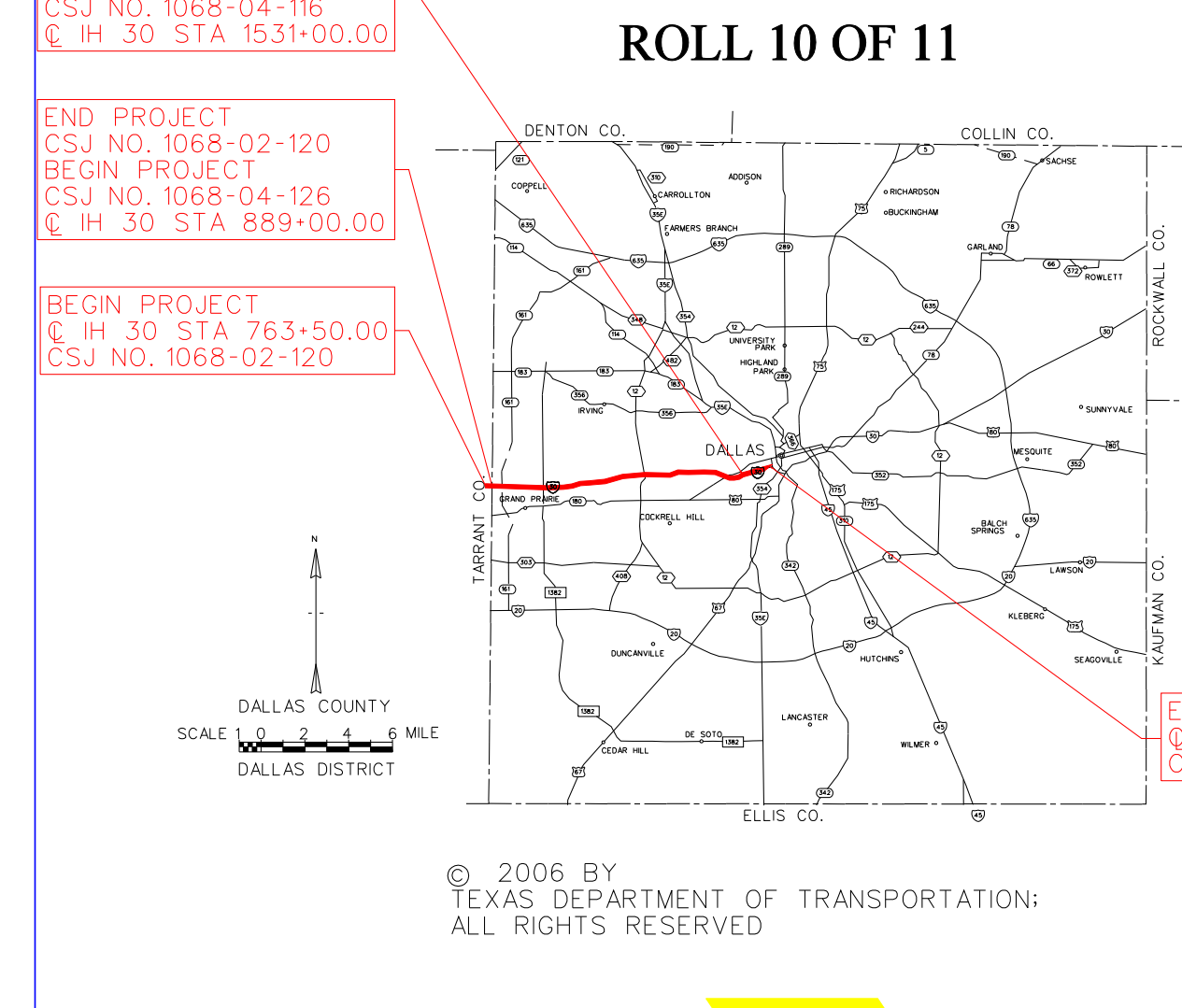
HIGHWAY VOLUMES INCLUDE MAIN AND HOV/ML LANES ONLY
SOURCE: NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

Dallas And Tarrant County
MAY 2006
Scale : Horizontal 1' = 200'
ROLL 10 OF 11

END PROJECT
CSJ NO. 1068-04-126
BEGIN PROJECT
CSJ NO. 1068-04-116
℄ IH 30 STA 1531+00.00

END PROJECT
CSJ NO. 1068-02-120
BEGIN PROJECT
CSJ NO. 1068-04-126
℄ IH 30 STA 889+00.00

BEGIN PROJECT
℄ IH 30 STA 763+50.00
CSJ NO. 1068-02-120


DENTON CO.
COLLIN CO.
ROCKWALL CO.
KAUFMAN CO.
ELLIS CO.
TARRANT CO.
DALLAS
N
DALLAS COUNTY
SCALE 0 2 4 6 MILE
DALLAS DISTRICT

END PROJECT
℄ IH 30 STA 1582+68.36
CSJ NO. 1068-04-116

© 2006 BY
TEXAS DEPARTMENT OF TRANSPORTATION;
ALL RIGHTS RESERVED

DART

PREPARED BY BRIDGEFARMER & ASSOCIATES, INC.

DANNY L. KAHLER, PE	PRENTISS REVES, EIT
TX. PE 89746	TX. EIT 26613
DATE: 5/18/06	DATE: 5/18/06

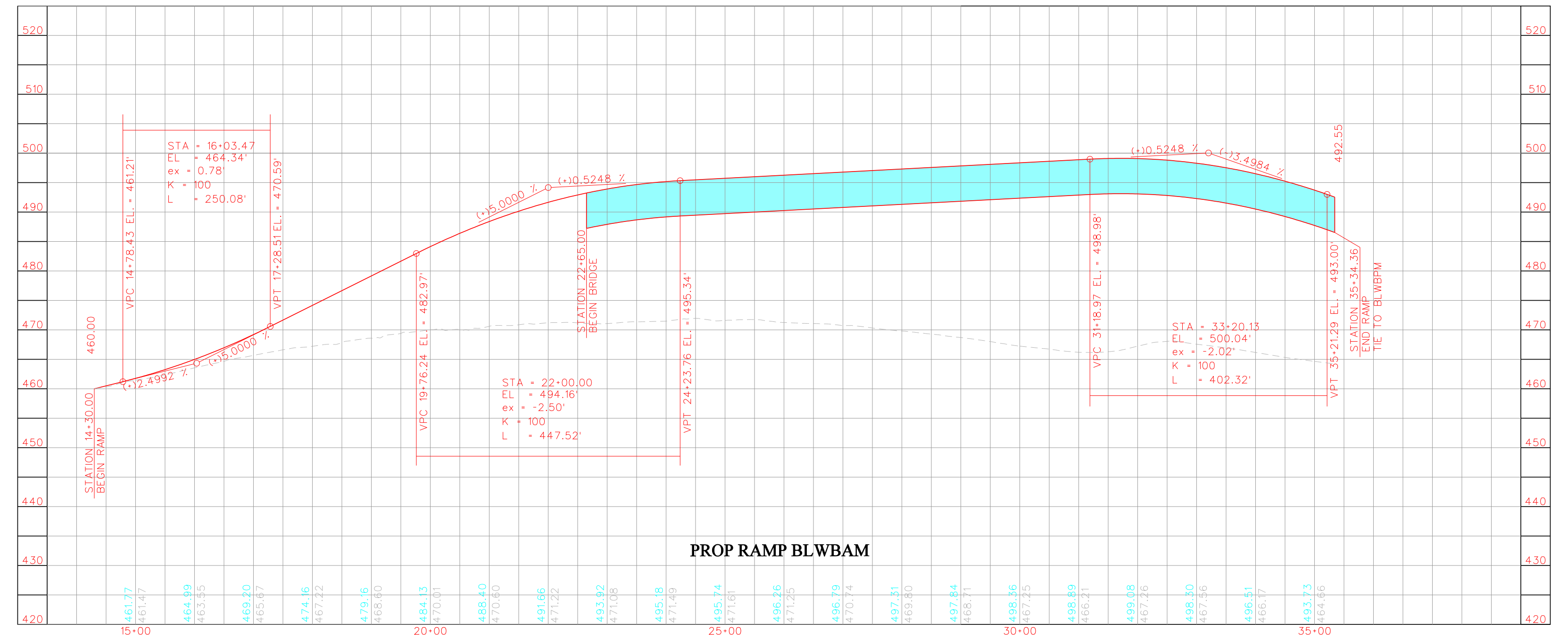
BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
12801 NORTH CENTRAL EXPRESSWAY,
SUITE 400
DALLAS, TEXAS 75243
TEL: (972) 231-8800 FAX: (972) 231-5900

DATE APPROVED

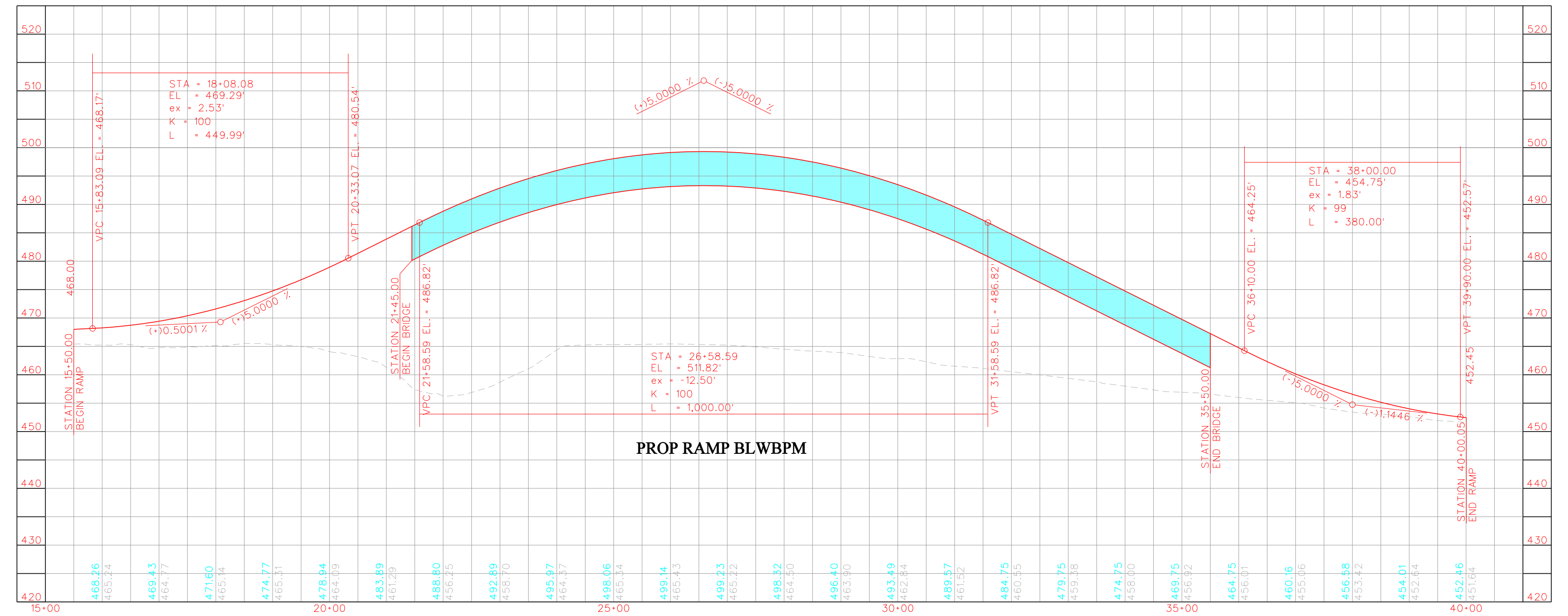
DESIGN SCHEMATIC
NOT INTENDED FOR
CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES.

DATE SUBMITTED

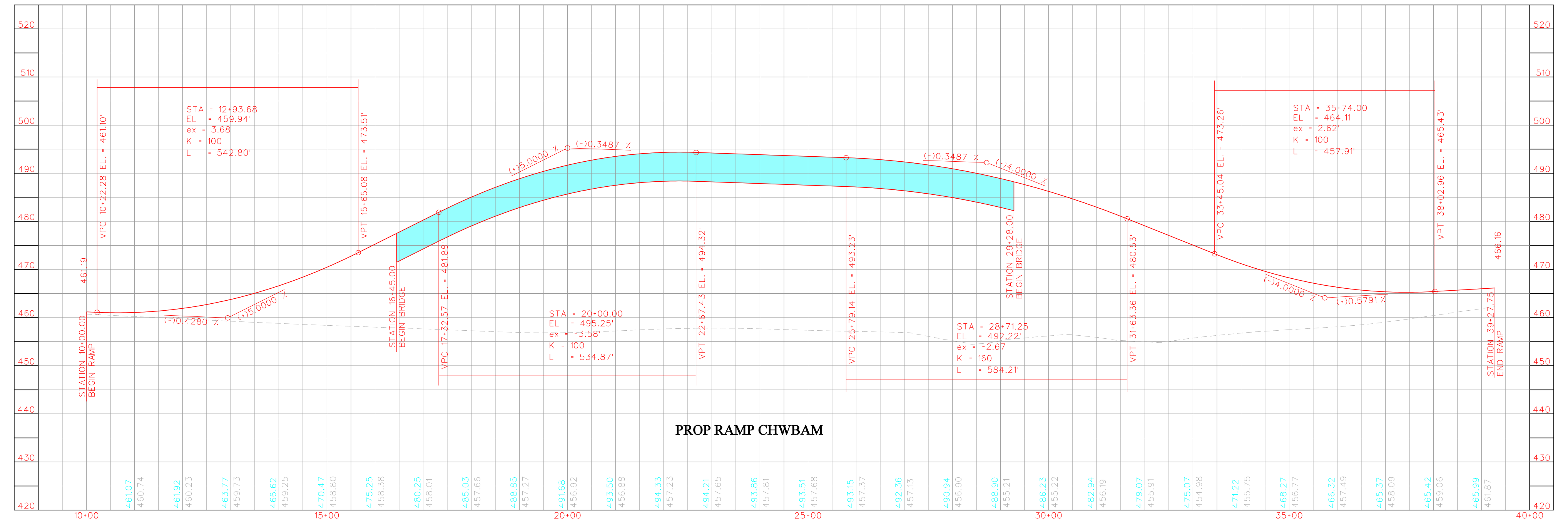
DATE REVISED


520
510
500
490
480
470
460
450
440
430
420
15+00
20+00
25+00
30+00
35+00
STA = 16+03.47
EL = 464.34'
ex = 0.78'
K = 100
L = 250.08'
VPC 14+78.43 EL. = 461.21'
VPT 17+28.51 EL. = 470.59'
(+)2.4992 %
(+)5.0000 %
(+)5.0000 %
(+)0.5248 %
(+)0.5248 %
(-)3.4984 %
STATION 14+30.00
BEGIN RAMP
460.00
VPC 19+76.24 EL. = 482.97'
STA = 22+00.00
EL = 494.16'
ex = -2.50'
K = 100
L = 447.52'
VPT 24+23.76 EL. = 495.34'
STATION 22+65.00
BEGIN BRIDGE
VPC 31+18.97 EL. = 498.98'
STA = 33+20.13
EL = 500.04'
ex = -2.02'
K = 100
L = 402.32'
VPT 35+21.29 EL. = 493.00'
492.55
STATION 35+34.36
END RAMP
TIE TO BLWBPM

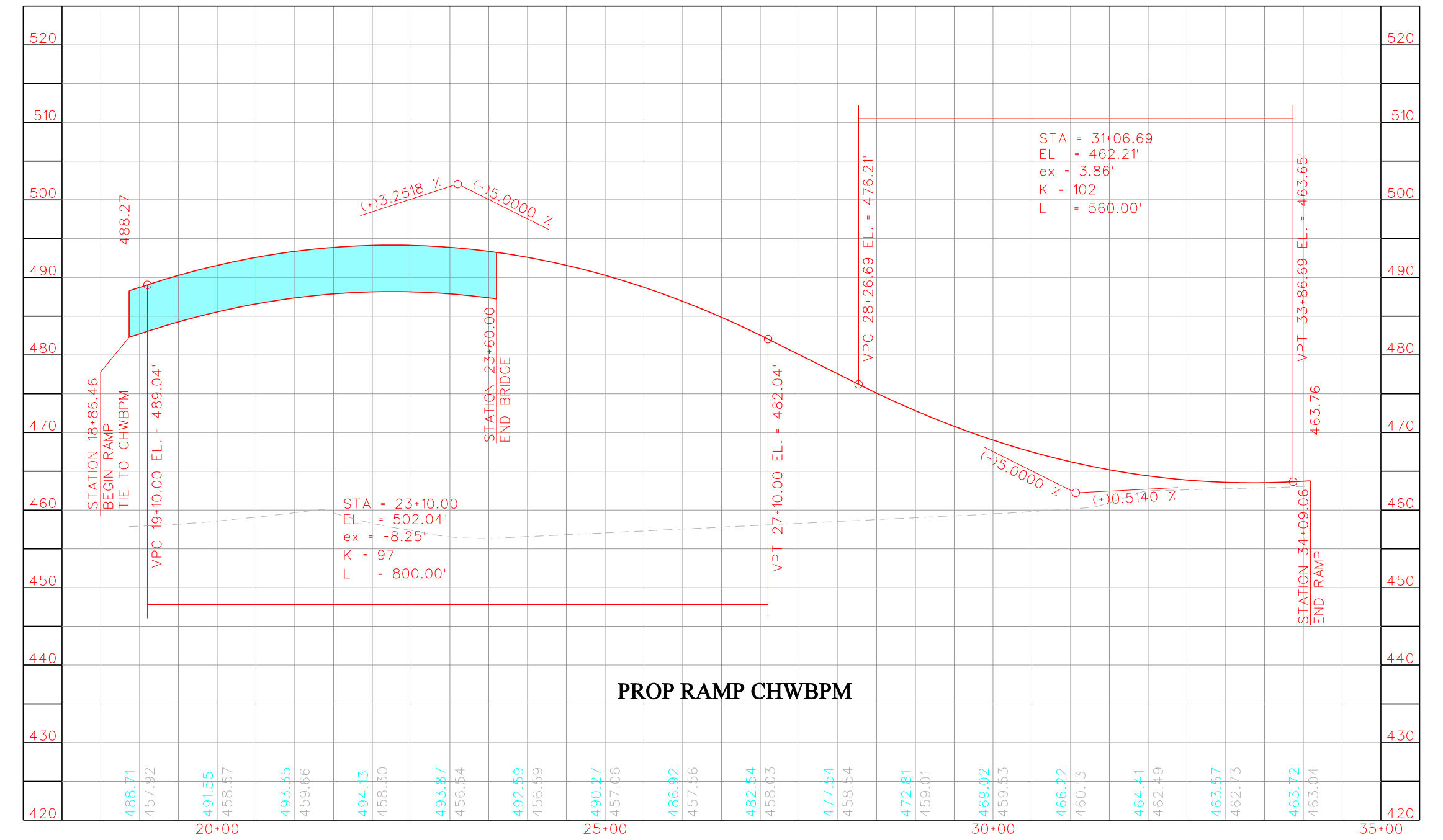
PROP RAMP BLWBAM


520
510
500
490
480
470
460
450
440
430
420
15+00
20+00
25+00
30+00
35+00
40+00
STA = 18+08.08
EL = 469.29'
ex = 2.53'
K = 100
L = 449.99'
VPC 15+83.09 EL. = 468.17'
VPT 20+33.07 EL. = 480.54'
468.00
STATION 15+50.00
BEGIN RAMP
(+)0.5001 %
(+)5.0000 %
(+)5.0000 %
(-)5.0000 %
STATION 21+45.00
BEGIN BRIDGE
VPC 21+58.59 EL. = 486.82'
STA = 26+58.59
EL = 511.82'
ex = -12.50'
K = 100
L = 1,000.00'
VPT 31+58.59 EL. = 486.82'
STATION 35+50.00
END BRIDGE
VPC 36+10.00 EL. = 464.25'
STA = 38+00.00
EL = 454.75'
ex = 1.83'
K = 99
L = 380.00'
VPT 39+90.00 EL. = 452.57'
(-)5.0000 %
(-)1.1446 %
452.45
STATION 40+00.05
END RAMP

PROP RAMP BLWBPM


520
510
500
490
480
470
460
450
440
430
420
10+00
15+00
20+00
25+00
30+00
35+00
40+00
STA = 12+93.68
EL = 459.94'
ex = 3.68'
K = 100
L = 542.80'
VPC 10+22.28 EL. = 461.10'
VPT 15+65.08 EL. = 473.51'
461.19
STATION 10+00.00
BEGIN RAMP
(-)0.4280 %
(+)5.0000 %
(+)5.0000 %
(-)0.3487 %
STATION 16+45.00
BEGIN BRIDGE
VPC 17+32.57 EL. = 481.88'
STA = 20+00.00
EL = 495.25'
ex = -3.58'
K = 100
L = 534.87'
VPT 22+67.43 EL. = 494.32'
VPC 25+79.14 EL. = 493.23'
STA = 28+71.25
EL = 492.22'
ex = -2.67'
K = 160
L = 584.21'
VPT 31+63.36 EL. = 480.53'
(-)0.3487 %
(-)4.0000 %
STATION 29+28.00
BEGIN BRIDGE
VPC 33+45.04 EL. = 473.26'
STA = 35+74.00
EL = 464.11'
ex = 2.62'
K = 100
L = 457.91'
VPT 38+02.96 EL. = 465.43'
(-)4.0000 %
(+)0.5791 %
466.16
STATION 39+27.75
END RAMP

PROP RAMP CHWBAM


520
510
500
490
480
470
460
450
440
430
420
20+00
25+00
30+00
35+00
(+)3.2518 %
(-)5.0000 %
488.27
STATION 18+86.46
BEGIN RAMP
TIE TO CHWBPM
VPC 19+10.00 EL. = 489.04'
STA = 23+10.00
EL = 502.04'
ex = -8.25'
K = 97
L = 800.00'
STATION 23+60.00
END BRIDGE
VPT 27+10.00 EL. = 482.04'
VPC 28+26.69 EL. = 476.21'
STA = 31+06.69
EL = 462.21'
ex = 3.86'
K = 102
L = 560.00'
VPT 33+86.69 EL. = 463.65'
(-)5.0000 %
(+)0.5140 %
463.76
STATION 34+09.06
END RAMP

PROP RAMP CHWBPM

100 50 0 100 200
SCALE: 1" = 200'

Texas Department of Transportation

DALLAS DISTRICT

WILLIAM L. HALE, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

IH-30 MANAGED LANES (INTERSTATE)

MANAGED LANE PROJECT
CONTROLLING CSJ: 1068-04-126 (IH 30)
FROM TARRANT COUNTY LINE TO SYLVAN AVE IN DALLAS
CSJ: 1068-02-120 (IH 30)
FROM BALLPARK WAY TO DALLAS COUNTY LINE
THIS SCHEMATIC SHOWS A CONSTRUCTION PHASE OF SIGNATURE BRIDGE PROJECT
CSJ: 1068-04-116 (IH 30)
FROM EAST OF SYLVAN AVE TO IH 35E
SIGNATURE BRIDGE PROJECT SCHEMATIC APPROVED UNDER PEGASUS PROJECT
CONTROLLING CSJ: 0009-11-181 (IH 30)
FROM IH 45 TO IH 35E

Design Speed : 60 mph (Main line and HOV)
50 mph (HOV Ramps and Trinity River Bridge)
45 mph (Ramps)
Project Length : 13.14 miles

Average Daily Traffic 2007 (2025)

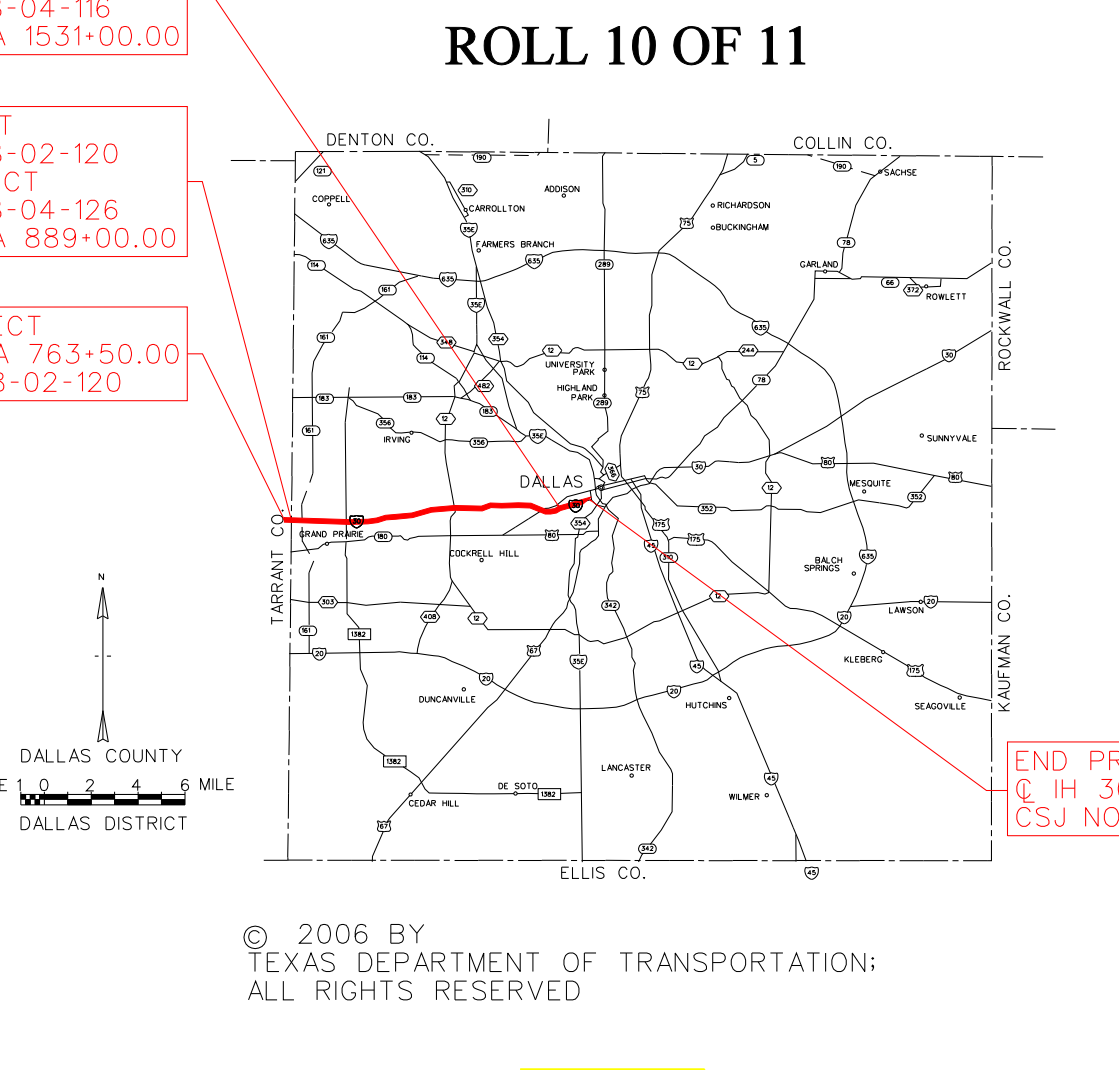
NW 19TH ST TO BELTLINE RD: 198,373 (214,801)
BELTLINE RD TO MacARTHUR BLVD: 195,488 (209,078)
MacARTHUR BLVD TO LOOP 12: 215,611 (215,658)
LOOP 12 TO WESTMORELAND: 194,348 (202,241)
WESTMORELAND TO HAMPTON RD: 170,903 (184,188)
HAMPTON RD. TO DOWNTOWN: 182,799 (195,659)
HIGHWAY VOLUMES INCLUDE MAIN AND HOV/ML LANES ONLY
SOURCE: NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

Dallas And Tarrant County
MAY 2006
Scale : Horizontal 1' = 200'
ROLL 10 OF 11

END PROJECT
CSJ NO. 1068-04-126
BEGIN PROJECT
CSJ NO. 1068-04-116
℄ IH 30 STA 1531+00.00

END PROJECT
CSJ NO. 1068-02-120
BEGIN PROJECT
CSJ NO. 1068-04-126
℄ IH 30 STA 889+00.00

BEGIN PROJECT
℄ IH 30 STA 763+50.00
CSJ NO. 1068-02-120


DENTON CO.
COLLIN CO.
ROCKWALL CO.
KAUFMAN CO.
ELLIS CO.
TARRANT CO.
DALLAS
N
DALLAS COUNTY
SCALE 0 2 4 6 MILE
DALLAS DISTRICT

END PROJECT
℄ IH 30 STA 1582+68.36
CSJ NO. 1068-04-116

© 2006 BY
TEXAS DEPARTMENT OF TRANSPORTATION;
ALL RIGHTS RESERVED

DART

PREPARED BY BRIDGEFARMER & ASSOCIATES, INC.

DANNY L. KAHLER, PE — TX. PE 89746 — DATE: 5/18/06
PRENTISS REVES, EIT — TX. EIT 26613 — DATE: 5/18/06

BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
12801 NORTH CENTRAL EXPRESSWAY,
SUITE 400
DALLAS, TEXAS 75243
TEL: (972) 231-8800 FAX: (972) 231-5900

DATE APPROVED

DESIGN SCHEMATIC
NOT INTENDED FOR
CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES.

DATE SUBMITTED

DATE REVISED