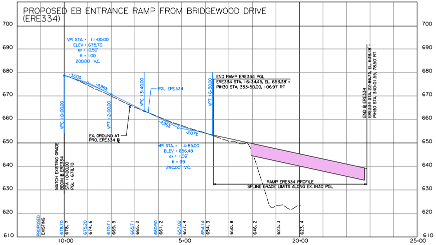
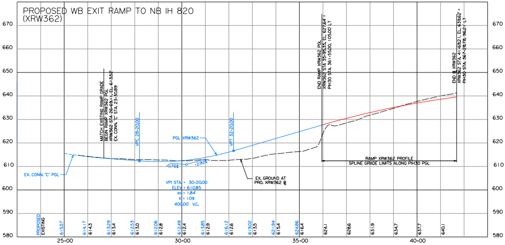
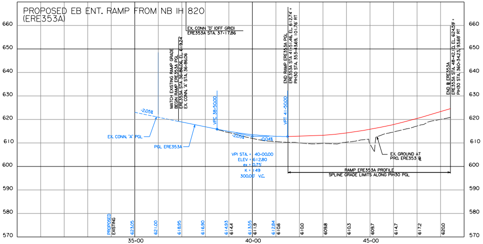
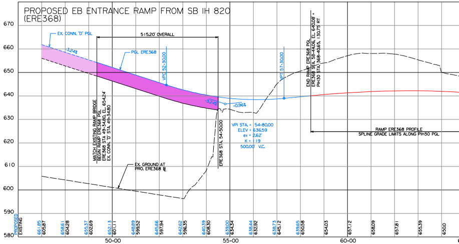
ROLL 10 OF 12









TEXAS DEPARTMENT OF TRANSPORTATION
FORT WORTH DISTRICT
MARIBEL P. CHAVEZ, P.E., DISTRICT ENGINEER

IH-30 CORRIDOR
FROM OAKLAND BLVD TO PROPOSED SH-161
CSJ: 1068-02-072
PUBLIC HEARING DISPLAY

JANUARY 25, 2007

IH 30 MAIN LANES
STA. 213+00 TO STA. 888+77
EXCLUDES STA. 750+00 TO STA. 850+00

DESIGN SPEED:
FREEWAY = 70 mph
RAMPS = 50 mph
FRONTAGE ROADS = 40 mph
CROSS STREETS = 40 mph
PROPOSED GREAT SOUTHWEST PKWY = 30 mph

SCALE: 1"=200' H, 1"=20' V

ROLL 10 OF 12
RAMP PROFILES

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

Matthew G. Craig	69910	10-06-2006
Type or Print Name	PE#	Date

Halff Associates
ENGINEERS . ARCHITECTS . SCIENTISTS . PLANNERS . SURVEYORS

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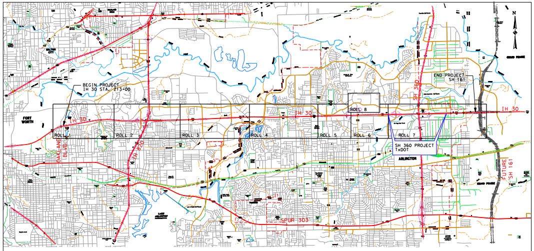
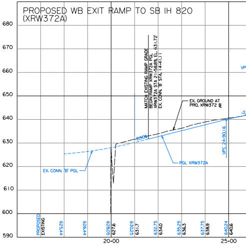
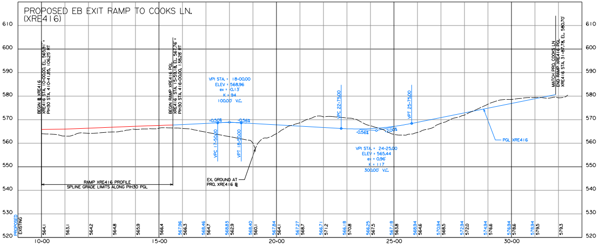
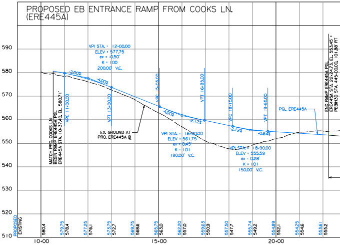

FORT WORTH
BEGIN PROJECT
IH 30 STA. 213+00
END PROJECT
SH 161
IH 30
SH 360
ROLL 1
ROLL 2
ROLL 3
ROLL 4
ROLL 5
ROLL 6
ROLL 7
ROLL 8
SH 360 PROJECT
TxDOT
ARLINGTON
OAKLAND BLVD
IH 820
FUTURE SH 161
SPUR 303
N

LOCATION MAP
N.T.S.

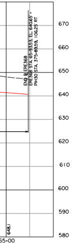



PROPOSED EB EXIT RAMP TO COOKS LN.
(XRE416)

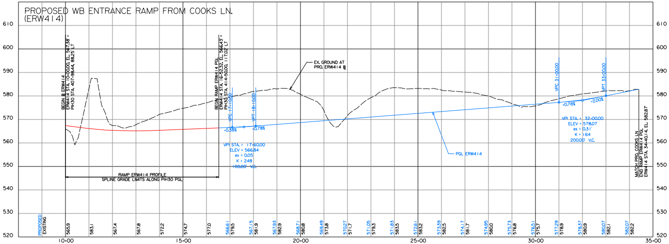
BEGIN ℄ XRE416
XRE416 STA. 10+00.00, EL. 563.91' ±
PIH30 STA. 410+41.85, 106.25' RT
BEGIN RAMP XRE416 PGL
XRE416 STA. 15+58.18, EL. 567.76' ±
PIH30 STA. 416+00.00, 58.28' RT
MATCH PRO. COOKS LN.
END RAMP XRE416 PGL
XRE416 STA. 31+87.78, EL. 580.70'
VPI STA. = 18+00.00
ELEV = 568.96
ex = -0.13'
K = 94
100.00' V.C.
+0.50%
-0.56%
VPC 17+50.00
VPT 18+50.00
VPC 22+75.00
VPT 25+75.00
-0.56%
+2.00%
VPI STA. = 24+25.00
ELEV = 565.44
ex = 0.96'
K = 117
300.00' V.C.
PGL XRE416
EX. GROUND AT PRO. XRE416 ℄
RAMP XRE416 PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
610
600
590
580
570
560
550
540
530
520
PROPOSED
EXISTING
564.1
563.1
564.2
564.8
565.9
566.4
567.96
566.3
568.46
564.7
568.83
562.9
568.40
560.1
567.84
564.1
567.27
568.7
566.71
571.2
566.18
570.8
566.25
567.5
567.18
563.8
568.94
564.6
570.94
568.5
572.94
572.0
574.94
576.6
576.94
578.6
578.94
579.5
579.3
10+00
15+00
20+00
25+00
30+00


PROPOSED EB ENTRANCE RAMP FROM COOKS LN.
(ERE445A)

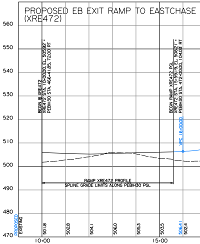
VPI STA. = 12+00.00
ELEV = 577.75
ex = -0.50'
K = 100
200.00' V.C.
-2.00%
-4.00%
VPC 11+00.00
VPT 13+00.00
VPC 15+05.00
VPT 16+95.00
-4.00%
-2.12%
VPI STA. = 16+00.00
ELEV = 561.75
ex = 0.45'
K = 101
190.00' V.C.
VPC 18+15.00
VPT 19+65.00
-2.12%
-0.64%
VPI STA. = 18+90.00
ELEV = 555.59
ex = 0.28'
K = 101
150.00' V.C.
PGL ERE445A
EX. GROUND AT PRO. ERE445A ℄
MATCH PRO. COOKS LN.
BEGIN RAMP ERE445A PGL
ERE445A STA. 10+37.40, EL. 580.71'
END RAMP ERE445A PGL
ERE445A STA. 22+55.47, EL. 553.45' ±
PEBIH30 STA. 445+00.00, 101.88' RT
590
580
570
560
550
540
530
520
510
PROPOSED
EXISTING
580.4
579.75
578.4
577.25
576.1
573.75
572.7
569.75
568.6
565.75
563.0
562.20
557.0
559.63
550.9
557.50
547.7
555.74
549.2
554.89
552.1
554.25
554.6
553.61
555.2
10+00
15+00
20+00



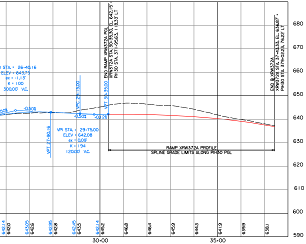
END ℄ ERE368
ERE368 STA. 65+93.53, EL. 640.65' ±
PIH30 STA. 375+89.59, 106.25' RT
670
660
650
640
630
620
610
600
590
580
648.1
65+00


PROPOSED WB ENTRANCE RAMP FROM COOKS LN.
(ERW414)

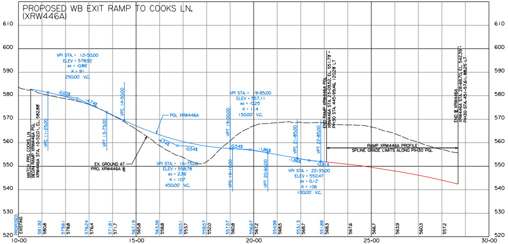
BEGIN ℄ ERW414
ERW414 STA. 10+00.00, EL. 567.38' ±
PIH30 STA. 407+98.44, 88.25' LT
BEGIN RAMP ERW414 PGL
ERW414 STA. 16+52.32, EL. 566.43' ±
PIH30 STA. 414+50.00, 117.02' LT
EX. GROUND AT PRO. ERW414 ℄
VPC 17+10.00
VPT 18+10.00
-0.38%
+0.78%
VPI STA. = 17+60.00
ELEV = 566.84
ex = 0.05'
K = 248
100.00' V.C.
PGL ERW414
VPC 31+00.00
VPT 33+00.00
+0.78%
+2.00%
VPI STA. = 32+00.00
ELEV = 578.07
ex = 0.31'
K = 164
200.00' V.C.
MATCH PRO. COOKS LN.
END RAMP ERW414 PGL
ERW414 STA. 34+40.14, EL. 582.87'
RAMP ERW414 PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
610
600
590
580
570
560
550
540
530
520
PROPOSED
EXISTING
565.9
583.1
567.4
567.8
572.2
574.7
577.0
566.61
579.5
567.15
581.9
567.93
582.9
568.71
580.8
569.49
573.8
570.27
571.7
571.05
579.3
571.83
583.5
572.61
583.2
573.39
582.5
574.17
581.7
574.95
580.0
575.73
576.8
576.51
575.7
577.29
578.9
578.37
580.9
580.07
582.1
582.07
582.2
10+00
15+00
20+00
25+00
30+00
35+00


PROPOSED EB EXIT RAMP TO EASTCHASE
(XRE472)

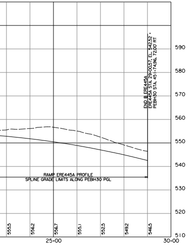
BEGIN ℄ XRE472
XRE472 STA. 10+00.00, EL. 502.92' ±
PEBIH30 STA. 466+41.85, 72.00' RT
BEGIN RAMP XRE472 PGL
XRE472 STA. 15+59.19, EL. 506.21' ±
PEBIH30 STA. 472+00.00, 104.05' RT
VPC 16+00.00
RAMP XRE472 PROFILE
SPLINE GRADE LIMITS ALONG PEBIH30 PGL
560
550
540
530
520
510
500
490
480
470
PROPOSED
EXISTING
501.8
502.8
504.1
506.0
505.3
503.5
506.41
502.4
10+00
15+00



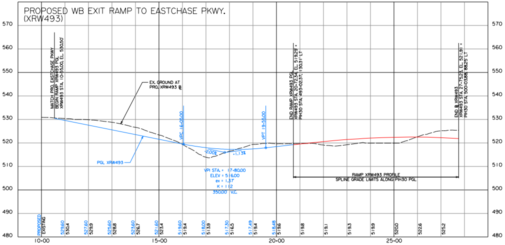
VPI STA. = 26+40.16
ELEV = 643.75
ex = -1.13'
K = 100
300.00' V.C.
-0.50%
VPT 27+90.16
VPC 29+15.00
VPT 30+35.00
-0.50%
-0.12%
VPI STA. = 29+75.00
ELEV = 642.08
ex = 0.09'
K = 194
120.00' V.C.
END RAMP XRW372A PGL
XRW372A STA. 30+35.50, EL. 642.15' ±
PIH30 STA. 371+95.63, 118.33' LT
END ℄ XRW372A
XRW372A STA. 37+43.33, EL. 636.87' ±
PIH30 STA. 379+02.23, 76.22' LT
RAMP XRW372A PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
680
670
660
650
640
630
620
610
600
590
642.14
642.0
643.05
642.6
642.95
642.8
642.45
643.5
642.14
645.2
646.8
646.4
645.9
644.3
641.9
639.9
638.1
30+00
35+00


PROPOSED WB EXIT RAMP TO COOKS LN.
(XRW446A)

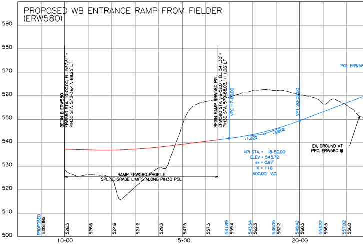
VPI STA. = 12+50.00
ELEV = 578.92
ex = -0.86'
K = 91
250.00' V.C.
-2.00%
-4.74%
VPC 11+25.00
VPT 13+75.00
VPC 14+50.00
PGL XRW446A
-4.74%
-0.54%
VPI STA. = 16+75.00
ELEV = 558.78
ex = 2.36'
K = 107
450.00' V.C.
EX. GROUND AT PRO. XRW446A ℄
MATCH PRO. COOKS LN.
BEGIN RAMP XRW446A PGL
XRW446A STA. 10+52.01, EL. 582.88'
VPC 19+00.00
VPT 19+10.00
VPT 20+60.00
VPI STA. = 19+85.00
ELEV = 557.11
ex = -0.25'
K = 114
150.00' V.C.
+0.54%
-1.86%
VPC 21+85.00
VPT 22+85.00
-1.86%
-0.91%
VPI STA. = 22+35.00
ELEV = 552.47
ex = 0.12'
K = 106
100.00' V.C.
END RAMP XRW446A PGL
XRW446A STA. 23+09.52, EL. 551.79' ±
PIH30 STA. 445+99.46, 120.28' LT
END ℄ XRW446A
XRW446A STA. 28+68.70, EL. 542.39' ±
PIH30 STA. 451+57.61, 88.25' LT
RAMP XRW446A PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
610
600
590
580
570
560
550
540
530
520
PROPOSED
EXISTING
581.92
580.8
579.61
578.8
576.24
576.4
571.81
571.7
567.19
565.8
563.38
558.8
560.51
553.7
558.57
552.0
557.57
560.8
556.67
567.2
554.98
568.5
553.13
568.7
551.88
568.3
567.6
566.7
563.9
560.3
557.2
10+00
15+00
20+00
25+00
30+00



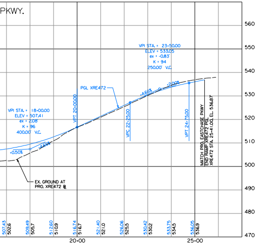
END @ ERE445A
ERE445A STA. 29+00.57, EL. 542.52 ±
PEBH30 STA. 451+74.96, 72.00' RT
RAMP ERE445A PROFILE
SPLINE GRADE LIMITS ALONG PEBH30 PGL
555.5
556.2
556.7
555.1
552.5
549.2
546.5
25+00
30+00
590
580
570
560
550
540
530
520
510


PROPOSED WB EXIT RAMP TO EASTCHASE PKWY. (XRW493)

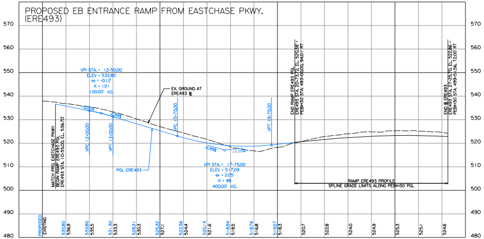
MATCH PRO. EASTCHASE PKWY
BEGIN RAMP XRW493 PGL
XRW493 STA. 10+45.00, EL. 530.50
EX. GROUND AT PRO. XRW493 ℄
PGL XRW493
VPC 16+05.00
VPT 19+55.00
-2.00%
+1.13%
VPI STA. = 17+80.00
ELEV = 516.00
ex = 1.37
K = 112
350.00' V.C.
END RAMP XRW493 PGL
XRW493 STA. 20+72.34, EL. 519.29 ±
PIH30 STA. 493+02.37, 130.31' LT
END @ XRW493
XRW493 STA. 27+76.23, EL. 521.91 ±
PIH30 STA. 500+03.88, 88.25' LT
RAMP XRW493 PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
PROPOSED
EXISTING
529.60
530.4
527.60
529.9
525.60
528.8
523.60
526.7
521.60
523.4
519.60
519.4
518.00
513.9
517.30
516.5
517.49
519.4
518.48
519.6
519.8
519.1
519.3
519.9
520.0
522.6
525.2
10+00
15+00
20+00
25+00
570
560
550
540
530
520
510
500
490
480


PROPOSED WB ENTRANCE RAMP FROM FIELDER (ERW580)

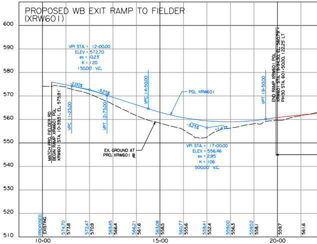
BEGIN @ ERW580
ERW580 STA. 10+00.00, EL. 537.31 ±
PIH30 STA. 573+36.47, 88.25' LT
BEGIN RAMP ERW580 PGL
ERW580 STA. 14+20.11, EL. 541.30 ±
PIH30 STA. 578+88.03, 111.06' LT
VPC 17+00.00
VPT 20+00.00
PGL ERW58
-1.22%
+3.80%
VPI STA. = 18+50.00
ELEV = 543.72
ex = 0.97
K = 116
300.00' V.C.
EX. GROUND AT PRO. ERW580 ℄
RAMP ERW580 PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
PROPOSED
EXISTING
528.5
526.6
524.6
521.2
529.3
547.5
557.5
541.89
559.4
543.54
562.3
546.05
562.2
549.42
560.5
553.22
556.5
557.02
556.0
10+00
15+00
20+00
590
580
570
560
550
540
530
520
510
500


PKWY.

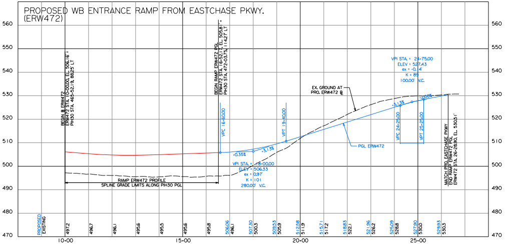
VPI STA. = 23+50.00
ELEV = 533.05
ex = -0.83
K = 94
250.00' V.C.
PGL XRE472
+4.66%
+2.00%
VPI STA. = 18+00.00
ELEV = 507.41
ex = 2.08
K = 96
400.00' V.C.
+0.50%
+4.66%
VPT 20+00.00
VPC 22+25.00
VPT 24+75.00
MATCH PRO. EASTCHASE PKWY
END RAMP XRE472 PGL
XRE472 STA. 25+41.00, EL. 536.87
EX. GROUND AT PRO. XRE472 ℄
507.43
502.6
509.49
505.7
512.60
510.9
516.74
516.7
521.40
521.0
526.06
525.5
530.42
530.2
533.75
534.5
536.05
536.9
20+00
25+00
560
550
540
530
520
510
500
490
480
470


PROPOSED EB ENTRANCE RAMP FROM EASTCHASE PKWY. (ERE493)

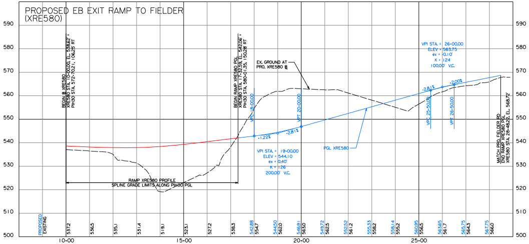
VPI STA. = 12+50.00
ELEV = 532.80
ex = -0.12
K = 101
100.00' V.C.
EX. GROUND AT ERE493 ℄
-2.00%
-2.99%
VPC 12+00.00
VPT 13+00.00
VPC 15+75.00
VPT 19+75.00
PGL ERE493
-2.99%
+1.10%
VPI STA. = 17+75.00
ELEV = 517.09
ex = 2.05
K = 98
400.00' V.C.
MATCH PRO. EASTCHASE PKWY
BEGIN RAMP ERE493 PGL
ERE493 STA. 10+00.00, EL. 536.70
END RAMP ERE493 PGL
ERE493 STA. 20+73.72, EL. 520.38 ±
PEBH30 STA. 493+00.00, 94.01' RT
END @ ERE493
ERE493 STA. 27+25.10, EL. 522.86 ±
PEBH30 STA. 499+51.56, 72.00' RT
RAMP ERE493 PROFILE
SPLINE GRADE LIMITS ALONG PEBH30 PGL
PROPOSED
EXISTING
535.80
536.9
533.80
535.5
531.30
533.3
528.31
530.3
525.32
527.1
522.36
524.4
520.14
521.6
518.94
518.5
518.76
516.8
519.57
518.3
520.7
522.8
524.0
524.9
525.3
525.1
524.6
10+00
15+00
20+00
25+00
570
560
550
540
530
520
510
500
490
480


PROPOSED WB EXIT RAMP TO FIELDER (XRW601)

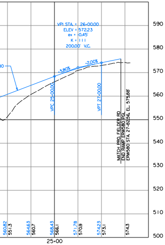
VPI STA. = 12+00.00
ELEV = 572.70
ex = 0.23
K = 120
150.00' V.C.
-2.00%
-3.25%
VPC 11+25.00
VPT 12+75.00
VPC 14+50.00
PGL XRW601
-3.25%
+1.47%
VPI STA. = 17+00.00
ELEV = 556.46
ex = 2.95
K = 106
500.00' V.C.
VPT 19+50.00
EX. GROUND AT PRO. XRW601 ℄
MATCH PRO. FIELDER RD
BEGIN RAMP XRW601 PGL
XRW601 STA. 10+39.51, EL. 575.91
END RAMP XRW601 PGL
XRW601 STA. 19+94.30, EL. 560.79 ±
PIH30 STA. 601+50.00, 122.25' LT
PROPOSED
EXISTING
574.70
573.8
572.47
570.9
569.45
566.4
566.21
561.6
563.08
558.5
560.77
555.6
559.41
552.4
559.00
556.3
559.52
558.1
559.7
561.6
10+00
15+00
20+00
600
590
580
570
560
550
540
530
520
510


PROPOSED WB ENTRANCE RAMP FROM EASTCHASE PKWY. (ERW472)

BEGIN @ ERW472
ERW472 STA. 10+00.00, EL. 506.16 ±
PIH30 STA. 465+52.19, 88.25' LT
BEGIN RAMP ERW472 PGL
ERW472 STA. 16+52.17, EL. 505.8 ±
PIH30 STA. 472+03.75, 114.27' LT
VPC 16+60.00
VPT 19+40.00
EX. GROUND AT PRO. ERW472 ℄
VPI STA. = 24+75.00
ELEV = 527.43
ex = -0.14
K = 89
100.00' V.C.
+3.13%
+2.00%
VPC 24+25.00
VPT 25+25.00
PGL ERW472
+0.35%
+3.13%
VPI STA. = 18+00.00
ELEV = 506.33
ex = 0.97
K = 101
280.00' V.C.
MATCH PRO. EASTCHASE PKWY
END RAMP ERW472 PGL
ERW472 STA. 26+28.80, EL. 530.51'
RAMP ERW472 PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
PROPOSED
EXISTING
497.2
496.7
496.1
495.6
495.5
495.6
495.8
506.06
496.1
507.30
500.3
509.53
505.9
512.58
511.9
515.71
517.2
518.83
522.1
521.96
526.2
525.09
528.8
527.90
530.0
529.93
530.3
10+00
15+00
20+00
25+00
560
550
540
530
520
510
500
490
480
470

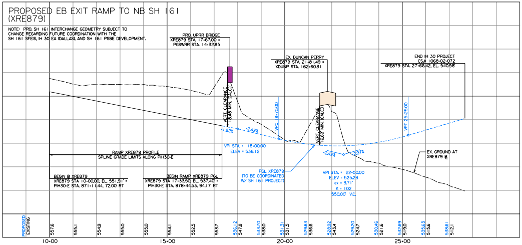

PROPOSED EB EXIT RAMP TO FIELDER (XRE580)

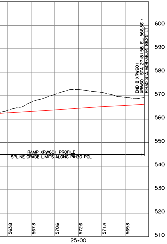
BEGIN @ XRE580
XRE580 STA. 10+00.00, EL. 538.62 ±
PIH30 STA. 572+70.21, 106.25' RT
BEGIN RAMP XRE580 PGL
XRE580 STA. 17+32.59, EL. 542.06 ±
PIH30 STA. 580+01.35, 150.28' RT
EX. GROUND AT PRO. XRE580 ℄
VPC 18+00.00
VPT 20+00.00
+1.22%
+2.81%
VPI STA. = 19+00.00
ELEV = 544.10
ex = 0.40
K = 126
200.00' V.C.
PGL XRE580
VPI STA. = 26+00.00
ELEV = 563.75
ex = -0.10
K = 124
100.00' V.C.
+2.81%
+2.00%
VPC 25+50.00
VPT 26+50.00
MATCH PRO. FIELDER RD
END RAMP XRE580 PGL
XRE580 STA. 28+48.22, EL. 568.72
RAMP XRE580 PROFILE
SPLINE GRADE LIMITS ALONG PIH30 PGL
PROPOSED
EXISTING
537.2
536.5
535.1
531.4
519.1
523.1
527.2
538.3
542.88
554.7
544.50
562.0
546.91
563.0
549.72
562.5
552.52
561.2
555.33
558.2
558.14
555.2
560.95
556.5
563.65
561.7
565.75
564.3
567.75
566.0
10+00
15+00
20+00
25+00
590
580
570
560
550
540
530
520
510
500



PROPOSED EB EXIT RAMP TO NB SH 161 (XRE879)

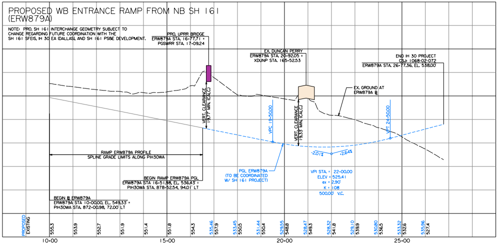
NOTE: PRO. SH 161 INTERCHANGE GEOMETRY SUBJECT TO CHANGE REGARDING FUTURE COORDINATION WITH THE SH 161 SFEIS, IH 30 EA (DALLAS), AND SH 161 PSBE DEVELOPMENT.



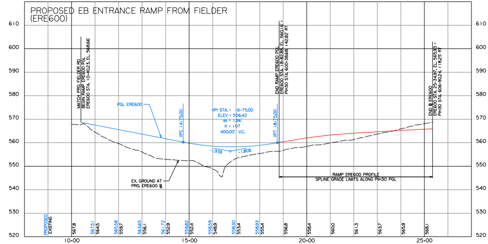


PROPOSED WB ENTRANCE RAMP FROM NB SH 161 (ERW879A)

NOTE: PRO. SH 161 INTERCHANGE GEOMETRY SUBJECT TO CHANGE REGARDING FUTURE COORDINATION WITH THE SH 161 SFEIS, IH 30 EA (DALLAS), AND SH 161 PSBE DEVELOPMENT.



PROPOSED EB ENTRANCE RAMP FROM FIELDER (ERE600)



ROLL 10 OF 12

TEXAS DEPARTMENT OF TRANSPORTATION
FORT WORTH DISTRICT
MARIBEL P. CHAVEZ, P.E., DISTRICT ENGINEER

IH-30 CORRIDOR
FROM OAKLAND BLVD TO PROPOSED SH-161
CSJ: 1068-02-072
PUBLIC HEARING DISPLAY
JANUARY 25, 2007

IH 30 MAIN LANES
STA. 213+00 TO STA. 888+77
EXCLUDES STA. 750+00 TO STA. 850+00
DESIGN SPEED:
FREEWAY = 70 mph
RAMPS = 50 mph
FRONTAGE ROADS = 40 mph
CROSS STREETS = 40 mph
PROPOSED GREAT SOUTHWEST PKWY = 30 mph
SCALE: 1"=200′ H, 1"=20′ V
ROLL 10 OF 12
RAMP PROFILES

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

Matthew G. Craig	69910	10-06-2006
Type or Print Name	PE#	Date

Halff Associates
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