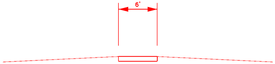
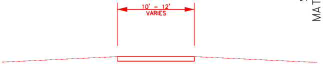
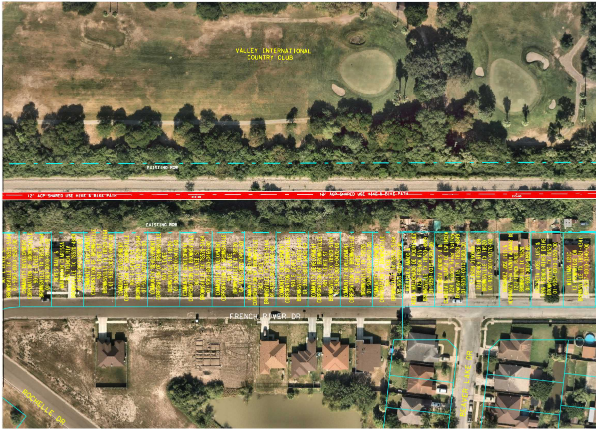


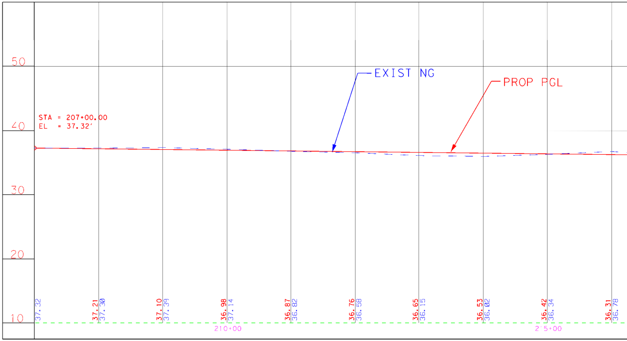
PROPOSED 6FT SIDEWALK


10' - 12'
VARIES

PROPOSED 10FT - 12FT CONC. PATH

SEE SHEET 3 OF 6
MATCH LINE STA 207+00


VALLEY INTERNATIONAL
COUNTRY CLUB
EXISTING ROW
12' ACP SHARED USE HIKE & BIKE PATH
210+00
12' ACP SHARED USE HIKE & BIKE PATH
215+00
EXISTING ROW
FRENCH RIVER DR
BEAVER LAKE DR
ROCHELLE DR



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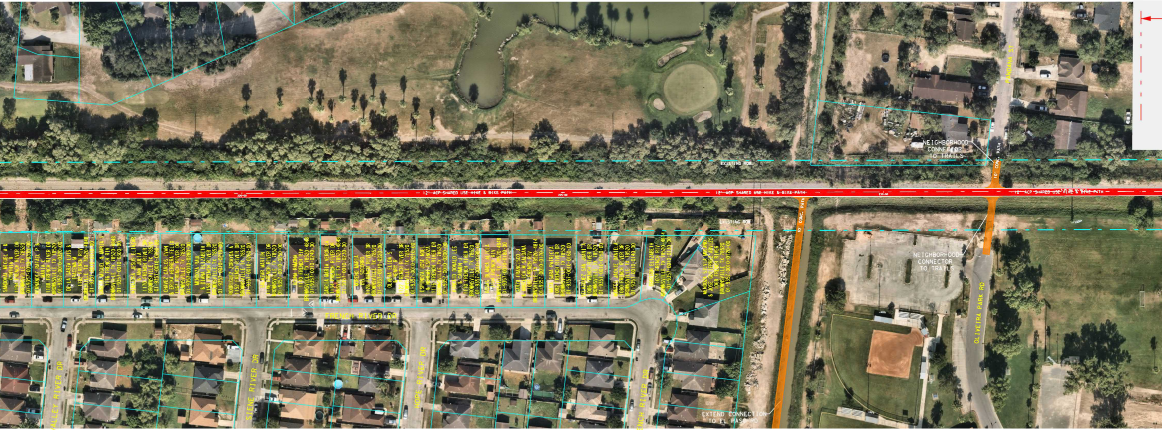
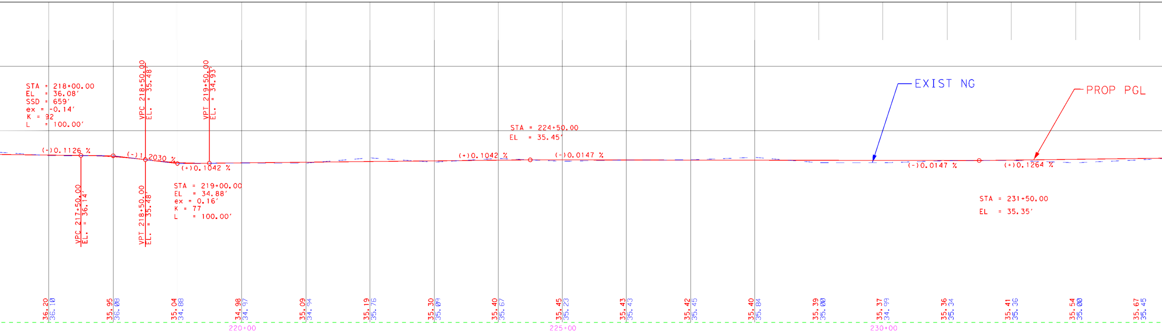
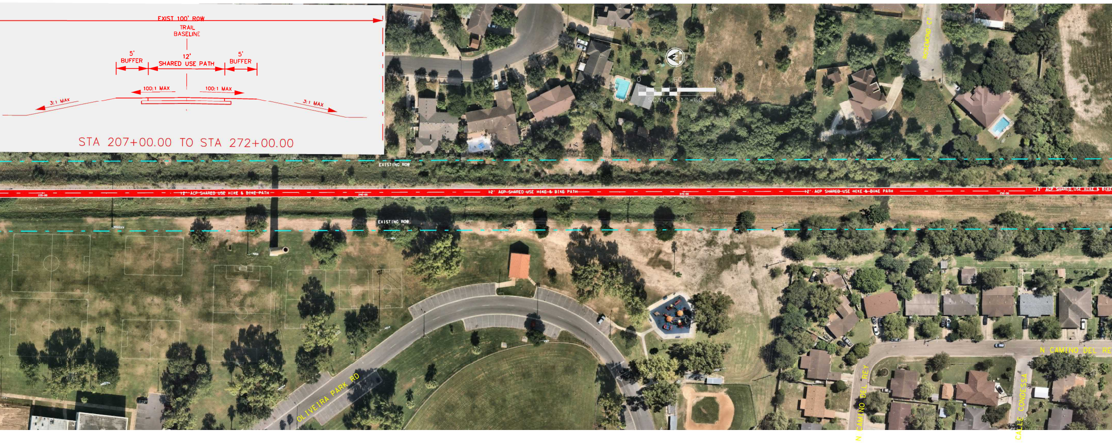
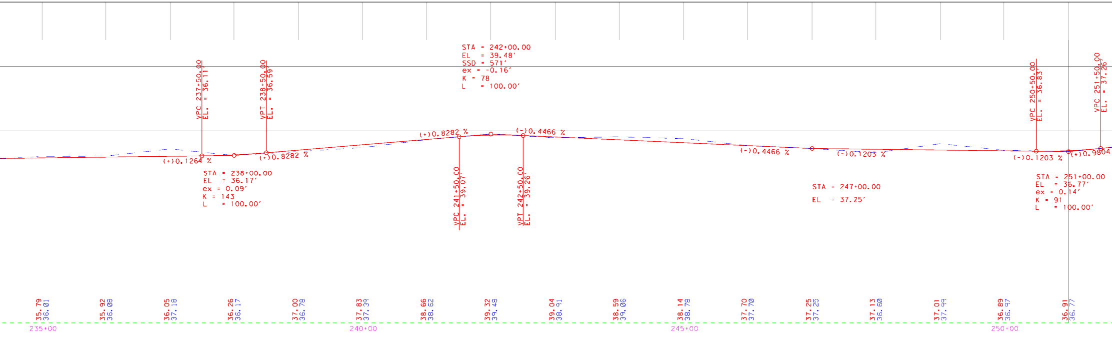
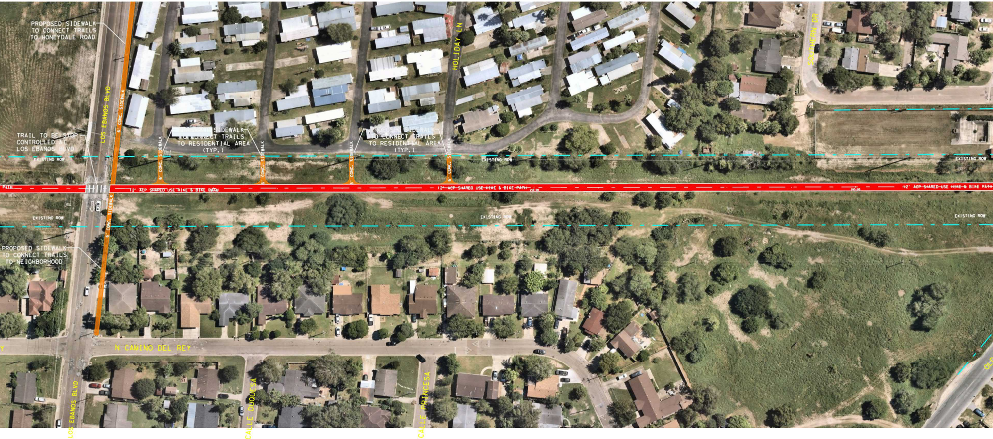
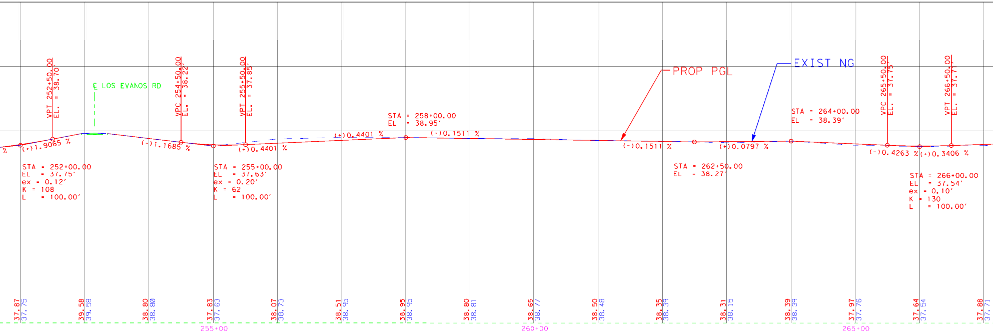

PANDANA ST
NEIGHBORHOOD CONNECTOR TO TRAILS
10' CONC. PATH
EXISTING ROW
12' ACP SHARED USE HIKE & BIKE PATH
220+00
225+00
230+00
EXISTING ROW
10' CONC. PATH
NEIGHBORHOOD CONNECTOR TO TRAILS
OLIVEIRA PARK RD
FRENCH RIVER DR
VALLEY RIVER DR
SIENE RIVER DR
HOPE RIVER DR
FRENCH RIVER DR
EXTEND CONNECTION TO EL PASO RD

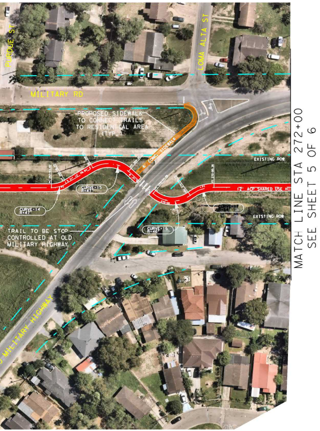


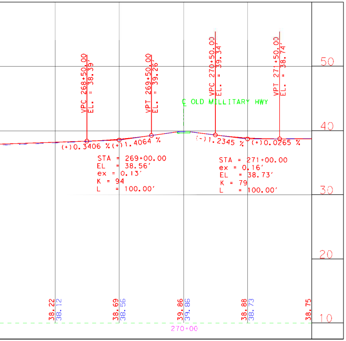

EXIST 100' ROW
TRAIL BASELINE
5' BUFFER
12' SHARED USE PATH
5' BUFFER
100:1 MAX
100:1 MAX
3:1 MAX
3:1 MAX
STA 207+00.00 TO STA 272+00.00
0
60
120
SCALE: 1"=60'
ROSEMOND CT
EXISTING ROW
12' ACP SHARED USE HIKE & BIKE PATH
235+00
240+00
12' ACP SHARED USE HIKE & BIKE PATH
245+00
12' ACP SHARED USE HIKE & BIKE PATH
250+00
12' ACP SHARED USE HIKE & BIKE PATH
EXISTING ROW
OLIVEIRA PARK RD
N CAMINO DEL REY
N CAMINO DEL REY
CALLE CONDESSA


VPC 237+50.00
EL. = 36.11'
VPT 238+50.00
EL. = 36.59'
STA = 242+00.00
EL = 39.48'
SSD = 571'
ex = -0.16'
K = 78
L = 100.00'
VPC 250+50.00
EL. = 36.83'
VPC 251+50.00
EL. = 37.26'
(+)0.8282 %
(-)0.4466 %
(+)0.1264 %
(+)0.8282 %
(-)0.4466 %
(-)0.1203 %
(-)0.1203 %
(+)0.9804
STA = 238+00.00
EL = 36.17'
ex = 0.09'
K = 143
L = 100.00'
VPC 241+50.00
EL. = 39.07'
VPT 242+50.00
EL. = 39.26'
STA = 247+00.00
EL = 37.25'
STA = 251+00.00
EL = 36.77'
ex = 0.14'
K = 91
L = 100.00'
35.79
36.01
35.92
36.08
36.05
37.18
36.26
36.17
37.00
36.78
37.83
37.39
38.66
38.62
39.32
39.48
39.04
38.91
38.59
39.06
38.14
38.78
37.70
37.70
37.25
37.25
37.13
36.60
37.01
37.99
36.89
36.97
36.91
36.77
235+00
240+00
245+00
250+00


PROPOSED SIDEWALK TO CONNECT TRAILS TO HONEYDALE ROAD
TRAIL TO BE STOP CONTROLLED AT LOS EBANOS BLVD
LOS EBANOS BLVD
6' CONC. SIDEWALK
PROPOSED SIDEWALK TO CONNECT TRAILS TO RESIDENTIAL AREA (TYP.)
PROPOSED SIDEWALK TO CONNECT TRAILS TO RESIDENTIAL AREA (TYP.)
HOLIDAY LN
SOUTHERN DR
EXISTING ROW
PATH
12' ACP SHARED USE HIKE & BIKE PATH
260+00
265+00
PROPOSED SIDEWALK TO CONNECT TRAILS TO NEIGHBORHOOD
N CAMINO DEL REY
LOS EBANOS BLVD
CALLE DUQUESA
CALLE PRINCESA

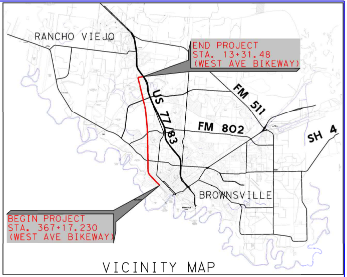

VPT 252+50.00
EL. = 38.70'
℄ LOS EVANOS RD
VPC 254+50.00
EL. = 38.22'
VPT 255+50.00
EL. = 37.85'
STA = 258+00.00
EL = 38.95'
PROP PGL
EXIST NG
STA = 264+00.00
EL = 38.39'
VPC 265+50.00
EL. = 37.75'
VPT 266+50.00
EL. = 37.71'
(+)1.9065 %
(-)1.1685 %
(+)0.4401 %
(+)0.4401 %
(-)0.1511 %
(-)0.1511 %
(+)0.0797 %
(-)0.4263 %
(+)0.3406 %
STA = 252+00.00
EL = 37.75'
ex = 0.12'
K = 108
L = 100.00'
STA = 255+00.00
EL = 37.63'
ex = 0.20'
K = 62
L = 100.00'
STA = 262+50.00
EL = 38.27'
STA = 266+00.00
EL = 37.54'
ex = 0.10'
K = 130
L = 100.00'
37.87
37.75
39.58
39.58
38.80
38.80
37.83
37.63
38.07
38.73
38.51
38.95
38.95
38.95
38.80
38.81
38.65
38.77
38.50
38.48
38.35
38.39
38.31
38.15
38.39
38.39
37.97
37.76
37.64
37.54
37.88
37.71
255+00
260+00
265+00


PURDUE ST
LOMA ALTA ST
MILITARY RD
PROPOSED SIDEWALK TO CONNECT TRAILS TO RESIDENTIAL AREA (TYP.)
6' CONC. SIDEWALK
EXISTING ROW
CURVE-15 R=47'
CURVE-14 R=47'
12' ACP SHARED USE
CURVE-17 R=64'
EXISTING ROW
CURVE-16 R=46'
TRAIL TO BE STOP CONTROLLED AT OLD MILITARY HIGHWAY
OLD MILITARY HIGHWAY
MATCH LINE STA 272+00
SEE SHEET 5 OF 6


VPC 268+50.00
EL. = 38.39
VPT 269+50.00
EL. = 39.26
VPC 270+50.00
EL. = 39.34
VPT 271+50.00
EL. = 38.74
℄ OLD MILLITARY HWY
(+)0.3406 %
(+)1.4064 %
(-)1.2345 %
(+)0.0265 %
STA = 269+00.00
EL = 38.56'
ex = 0.13'
K = 94
L = 100.00'
STA = 271+00.00
ex = 0.16'
EL = 38.73'
K = 79
L = 100.00'
50
40
30
20
10
38.22
38.12
38.69
38.56
39.86
39.86
38.88
38.73
38.75
270+00

PLAN LEGEND

— — —	EXISTING RIGHT OF WAY
——	EXISTING PROPERTY LINE
▨	PROPOSED SHARED USE HIKE AND BIKE TRAIL


RANCHO VIEJO
END PROJECT
STA. 13+31.48
(WEST AVE BIKEWAY)
US 77/83
FM 511
FM 802
SH 4
BROWNSVILLE
BEGIN PROJECT
STA. 367+17.230
(WEST AVE BIKEWAY)

VICINITY MAP

SCHEMATIC LAYOUT
WEST RAIL TRAIL
CONCEPTUAL SCHEMATIC
CAMERON COUNTY

LIMITS: FROM: PALM BLVD
TO: IH-69E SB FTRG RD

DESIGN DATA

C.S.J.: 0921-06-293

LENGTH: 6.7 MILES

FUNCTIONAL CLASSIFICATION: LOCAL

DESIGN SPEED: 15 MPH

DESIGN CRITERIA: TXDOT ROADWAY DESIGN MANUAL CHAPTER 6, SECTION 4. AASHTO GUIDE FOR THE DEVELOPMENT OF BYCICLE FACILITIES. ADA GUIDELINES.

DESIGN EXCEPTIONS REQUIRED: NONE

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100 % SUBMITTAL
2/4/2021

STA 207+00.00 TO STA 272+00.00

ROLL 4 OF 6

NOT A BIDDING DOCUMENT
ORIGINAL SIGN AND DATED: $DATE$

Guillermo Arratia P.E.

GUILLERMO A. ARRATIA, P.E.
TEXAS REGISTRATION NUMBER: 94001

City of BROWNSVILLE Texas
On the Border By the Sea

THE COUNTY OF CAMERON BROWNSVILLE, TEXAS

RMA
CAMERON COUNTY REGIONAL MOBILITY AUTHORITY

S&B INFRASTRUCTURE, LTD.
TEXAS BOARD OF PROFESSIONAL ENGINEERS #: F-1582

WEST RAIL TRAIL

DRAWING:		FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:		6	TEXAS				
ENGINEER:		STATE DIST. NO	COUNTY	CONT	SECT	JOB	SHEET NO.
CK:		PHR	CAMERON	0921	06	293	4
REVIEW:							
CK:							