TEXAS DEPARTMENT OF TRANSPORTATION
SCHEMATIC LAYOUT
IH 37
SAN PATRICIO COUNTY & NUECES COUNTY

LIMITS: REDBIRD LN.
TO IH 37/US 77 INTERCHANGE
C-S-J: 0074-05-098, 0074-06-247
PROPOSED BRIDGE LENGTH: 0.90 / 0.90 MILES
PROPOSED BRIDGE LENGTH: 3.10 FT = 0.59 MILES
TOTAL LENGTH: 13,245 FT = 2.51 MILES
STA. 1004+00.00 TO 1136+45.00

CORPUS CHRISTI DISTRICT

SAN PATRICIO COUNTY
CITY OF SINTON
CITY OF CORPUS CHRISTI
SINTON
CORPUS CHRISTI
ROCKY POINT
ROCKY POINT
77
37
ROCKY POINT
ROCKY POINT
ROCKY POINT

TEXAS DEPARTMENT OF TRANSPORTATION
SCHEMATIC LAYOUT
IH 37
SAN PATRICIO COUNTY & NUECES COUNTY

LIMITS: REDBIRD LN.
TO IH 37/US 77 INTERCHANGE
C-5-2: 0074-05-098, 0074-06-247
PROPOSED LENGTH: 1,100 FT = 0.20 MILES
PROPOSED BRIDGE LENGTH: 3,101 FT = 0.59 MILES
TOTAL LENGTH: 13,245 FT = 2.51 MILES
STA. 1004+00.00 TO 1136+45.00

CORPUS CHRISTI DISTRICT

DESIGN SPEED: MAINLANE	60 MPH (URBAN)(LEVEL)	EQUATIONS:	NONE
DIRECT CONNECTOR	55 MPH (URBAN)(LEVEL)	RAILROAD:	NONE
RAMP	50 MPH (URBAN)(LEVEL)	EXCEPTIONS:	NONE
CROSS STREET	40 MPH (URBAN)(LEVEL)		
(FRONAGE ROAD)	35 MPH (URBAN)(LEVEL)		

FUNCTIONAL CLASSIFICATION: MAINLANE: INTERSTATE
FRONTAGE ROADS: MAJOR COLLECTOR
CROSS STREET: MINOR COLLECTOR

CURRENT ADT(2020): 54,100
PROJECTED ADT(2040)= 84,800
PROJECTED ADT(2050)= 100,500
PROPOSED DESIGN STANDARDS(ROADWAY): TxDOT ROADWAY DESIGN MANUAL APRIL 2018
PROPOSED DESIGN STANDARDS(TRAFFIC): TEXAS MUTCD OCTOBER 2014

SCHEMATIC ONLY
DESIGN DATA MUST BE SHOWN ON FINAL PLANS
DESIGN DATA MUST BE SHOWN ON FINAL PLANS
DATE: 6/27/2019
SCHEMATIC ONLY
DESIGN DATA MUST BE SHOWN ON FINAL PLANS
DATE: 6/27/2019

IH 37
REDBIRD LN TO US 77 INTERCHANGE
SCHEMATIC LAYOUTS

Michael Baker INTERNATIONAL
17721 Rogers Ranch Parkway, Ste. 250
San Antonio, TX 78258
Phone: (210) 408-0100
TBPE Registration No. 2677

THIS DRAWING IS NOT VALID FOR CONSTRUCTION UNLESS THE SEAL, SIGNATURE AND DATE ARE ADDED TO, OR VOID THE SEAL, SIGNATURE AND DATE.

SCHEMATIC ONLY
DESIGN DATA MUST BE SHOWN ON FINAL PLANS
DATE: 6/27/2019

APPROVED: BY CORPUS CHRISTI DISTRICT LETTER DATED	
APPROVED: BY FLO DIST. LETTER DATED	

Texas Department of Transportation

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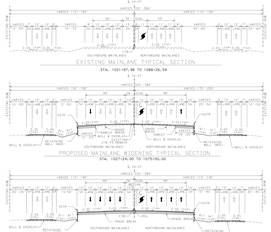
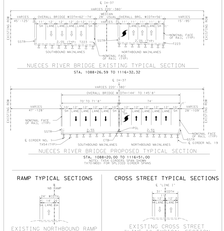
ROLL 1 OF 3

SCHEMATIC

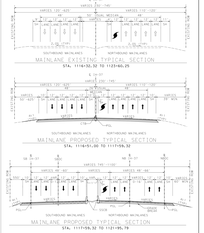
SOUTH OF THE BRIDGE TYPICAL SECTIONS



NUECES RIVER BRIDGE TYPICAL SECTIONS



NORTH OF THE BRIDGE TYPICAL SECTIONS



RAMP TYPICAL SECTIONS

CROSS STREET TYPICAL SECTIONS

DIRECT CONNECTOR TYPICAL SECTIONS

TYPICAL SECTION DETAILS

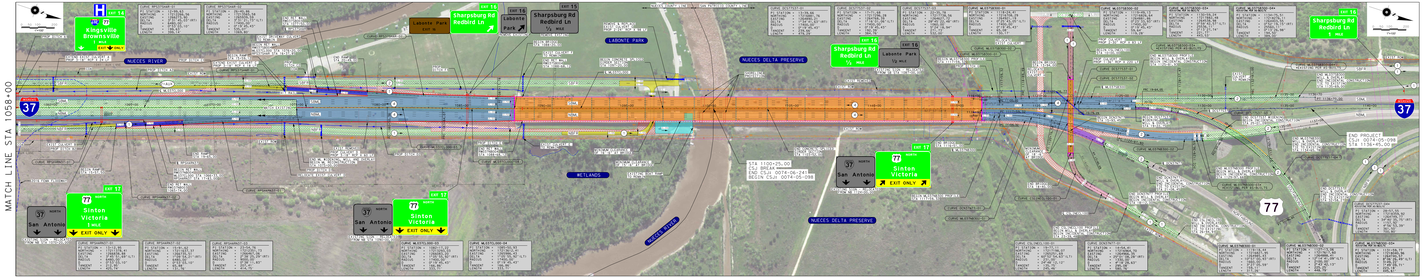
LEGEND

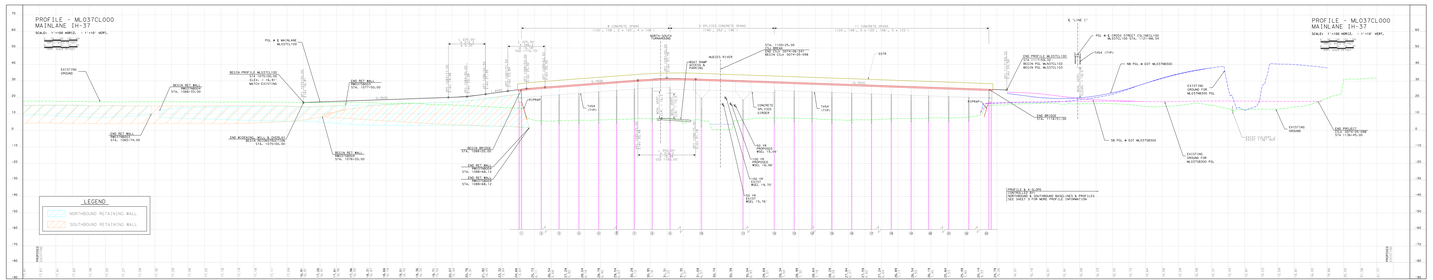
- MAINLANE RECONSTRUCTION
- FRONTAGE ROAD RECONSTRUCTION
- DIRECT CONNECTOR RECONSTRUCTION
- CROSS STREET RECONSTRUCTION
- RAMP RECONSTRUCTION
- BRIDGE RECONSTRUCTION
- TRAFFIC SIGNAL, LIGHTS AND PARKING
- MILL & 1" OVERLAY
- PROPOSED WIPMAP
- EXISTING ROADWAY
- REMOVAL
- PROPOSED BRIDGE DECK
- EXISTING BRIDGE DECK
- EXISTING ROW
- RETAINING WALL
- BARRIER
- METAL BEAM GUARD FENCE
- PROPOSED LARGE GUIDE SIGN
- CONTROL OF ACCESS
- RAILROAD
- 100-YEAR FLOODPLAIN BOUNDARY
- EXISTING CULVERT
- PROPOSED CULVERT
- EXISTING INLET
- PROPOSED INLET
- EXISTING STORM PIPE
- PROPOSED STORM PIPE
- PROPOSED DITCH FLOWLINE
- EXISTING WATER
- EXISTING WASTWATER
- EXISTING UNDERGROUND CABLE
- EXISTING FIBER OPTIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING GAS
- EXISTING TELEPHONE

NOT A BIDDING DOCUMENT
SCHEMATIC LAYOUTS
100% SUBMITTAL

ROLL 2 OF 3

MATCH LINE STA 1058+00





TEXAS DEPARTMENT OF TRANSPORTATION

SCHEMATIC LAYOUT

IH 37

SAN PATRICIO COUNTY & NUECES COUNTY

LIMITS: REDBIRD LN.
TO IH 37/US 77 INTERCHANGE
C-5-2: 0074-05-098, 0074-06-241
PROJECT LENGTH: 1.92 MILES, 10.92 MILES
PROPOSED BRIDGE LENGTH: 3,101 FT = 0.59 MILES
TOTAL LENGTH: 13,245 FT = 2.51 MILES
STA. 1004+00.00 TO 1136+45.00

CORPUS CHRISTI DISTRICT

NOT TO SCALE

DESIGN SPEED: MAINLANE	60 MPH (URBAN)(LEVEL)	EQUATIONS:	NONE
DIRECT CONNECTOR	55 MPH (URBAN)(LEVEL)	RAILROAD:	NONE
RAMP	50 MPH (URBAN)(LEVEL)	EXCEPTIONS:	NONE
CROSS STREET	50 MPH (URBAN)(LEVEL)		
* = SMOOTH : +	0.0% (FLAT)		

FUNCTIONAL CLASSIFICATION: MAINLANE: INTERSTATE
FRONTAGE ROADS: MAJOR COLLECTOR
CROSS STREET: MINOR COLLECTOR

CURRENT ADT(2020): 54,150
PROJECTED ADT(2040): 84,850
PROJECTED ADT(2050): 102,320
PROPOSED DESIGN STANDARDS(ROADWAY): TxDOT ROADWAY DESIGN MANUAL APRIL 2018
PROPOSED DESIGN STANDARDS(TRAFFIC): TEXAS MUTCD OCTOBER 2014

SCHEMATIC PREPARED IN ACCORDANCE WITH THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD)	DESIGN DONE BASED ON THE TRAFFIC MANUAL	DATE: U.S. SURVEY FEET

DATE: 6/27/2019

IH 37
REDBIRD LN TO US 77 INTERCHANGE
SCHEMATIC LAYOUTS

Michael Baker
INTERNATIONAL
17721 Rogers Ranch Parkway, Ste. 250
San Antonio, TX 78258
Phone: (210) 408-0100
TBPE Registration No. 2677

THIS DRAWING IS NOT INTENDED FOR CONSTRUCTION PURPOSES UNLESS THE PROFESSIONAL SEAL IS AFFIXED TO, OR UNDER THE AUTHORITY OF:

ALFREDO MUÑOZ, P.E.	
11/06/2019	
DATE	SIGNATURE
MARK BURDEN, P.E.	
11/06/2019	
DATE	SIGNATURE

APPROVED: BY CORPUS CHRISTI DISTRICT LETTER DATED

APPROVED: BY FLO D.O. LETTER DATED

Texas Department of Transportation

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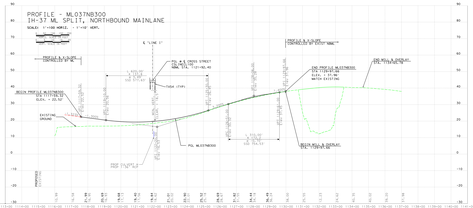

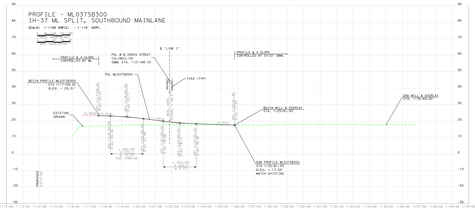

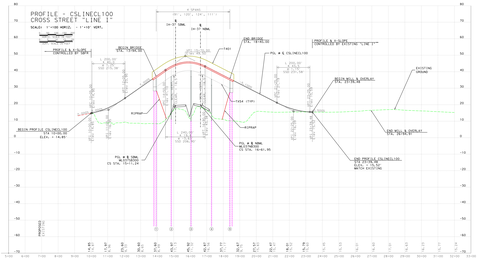
PROFILE - CSLINECL100
CROSS STREET "LINE 1"
SCALE: 1"=100 HORIZ., 1"=10' VERT.
BEGIN PROFILE CSLINECL100
STA: 1004+00.00
ELEV.: 14.89
POL @ CROSS STREET
CSL-MAIN-1100
SBM: STA: 1101+00.00
POL @ ML
STA: 1101+00.00
ELEV.: 7.31-MH