Texas Department of Transportation

FLATIRON DRAGADOS

Stantec
Engineered as Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-4324

ROADWAY SCHEMATIC
US 181/IH 37 - HARBOR BRIDGE
NUECES COUNTY, TEXAS

PROJECT LIMITS
US 181/SH 286 FROM BEACH AVE TO LAREDO ST
IH 37 FROM BUFFALO ST TO NUECES BAY BLVD
APPROXIMATE LENGTH: 3.50 MILES

FEDERAL AID PROJECT NO.	DIST.	COUNTY	CONTROL	SECTION	JOB	PROJECT	ROLL 1 OF 10
	CRP	NUECES	0170	06	249	TX	DATE: 09-19-2019

VICINITY MAP
NOT TO SCALE

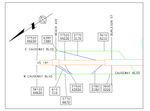
INTERIM REVIEW
NOT FOR CONSTRUCTION

REVISIONS

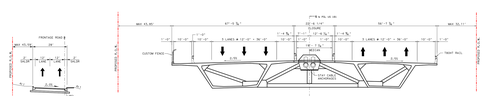
REVISION	DATE	DESCRIPTION	BY
0	03-27-2017	INITIAL ISSUE	DAV
1.0	01-04-2018	PROGRESS SUBMITTAL	DAV
2.0	01-04-2019	PROGRESS SUBMITTAL	DAV
3.0	06-28-2019	PROGRESS SUBMITTAL	DAV
4	10-08-2019	FINAL SUBMITTAL	DAV

PLAN LEGEND

SYMBOLOGY



TRAFFIC DIAGRAM


FRONTAGE ROAD
PROPOSED R.O.W.
CUSTOM FENCE
MAIN LANES
RAMP LANES
TRUNK RAIL
MAX 55.40'
MAX 55.11'
57' 5 3/4"
54' 7 3/4"
10' 10' 10'

Texas Department of Transportation

FLATIRON DRAGADOS

Stantec
Engineered by Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-4324

ROADWAY SCHEMATIC
US 181/IH 37 - HARBOR BRIDGE
NUECES COUNTY, TEXAS

PROJECT LIMITS
US 181/SH 286 FROM BEACH AVE TO LAREDO ST
IH 37 FROM BUFFALO ST TO NUECES BAY BLVD
APPROXIMATE LENGTH: 3.58 MILES

FEDERAL AID PROJECT NO.	DIST.	COUNTY	CONTROL	SECTION	JOB	HIGHWAY NO.	ROLL 3 OF 10
	CRP	NUECES	0747	06	266	IH 37	DATE: 08-19-2019

VICINITY MAP
NOT TO SCALE

INTERIM REVIEW
NOT FOR CONSTRUCTION

REVISIONS

REVISION	DATE	DESCRIPTION	BY
1	07-25-2017	INITIAL ISSUE	DAV
2,3	01-04,07-12-2018	PROGRESS SUBMITTAL	DAV
4,5	01-04,07-12-2019	PROGRESS SUBMITTAL	DAV
6	07-26-2019	PROGRESS SUBMITTAL	DAV
7	10-08-2019	FINAL SUBMITTAL	DAV

PLAN LEGEND

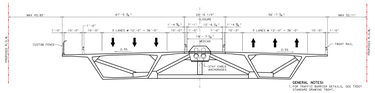
SYMBOLOGY

US 181 MAIN LANES
IH 37 MAIN LANES
FREEWAY RAMPS
RAMPS
DIRECT CONNECTOR
DIRECT CONNECTOR BRIDGE
BRIDGE
RETAINER WALL TOPPING
SIDE STREETS
SHARED USE PATH
SIDEWALK
EXISTING BRIDGE TO BE REMOVED
EXISTING REPAIR TO BE REMOVED
EXISTING RAMP TO BE REMOVED
EXISTING RAMP TO REMAIN
DRAINAGEWAY
PROPOSED ACCESS
PROPOSED ROW
EXISTING ROW
ACCESS ROAD
FLAMENTRIC
PROPOSED LANE CNSTCATION
PROPOSED LANE CNSTCATION
DEPRESSED
FUTURE
RETAINING WALL
NOISE WALL
SIGNS WALL
EXIT RAMP
ATTENUATOR
PARCEL NUMBER

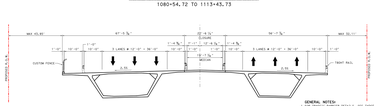
0 100 200 300 400
SCALE: 1" = 200' (HALF)

MAX DESIGN SPEEDS

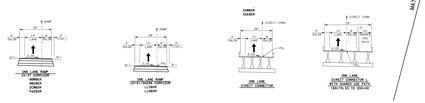
US 181 MAINLANES	URBAN FREEWAY	70 MPH
IH 37 MAINLANES STA 1101+00 TO 1201+00	URBAN FREEWAY	70-50 MPH
IH 37 MAINLANES STA 1201+00 TO 1207+00	URBAN FREEWAY	50-45 MPH
IH 37 MAINLANES STA 1207+00 TO 1401+00	URBAN FREEWAY	50 MPH
	URBAN FREEWAY	45-35 MPH
	URBAN FREEWAY	35 MPH
	FREEWAY RAMP	45 MPH
	FREEWAY RAMP	35 MPH
	FREEWAY CONNECTOR	45 MPH
	URBAN ARTERIAL	50 MPH
	URBAN ARTERIAL	35 MPH
	URBAN COLLECTOR	30-35 MPH

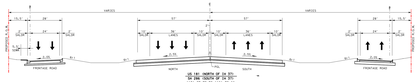


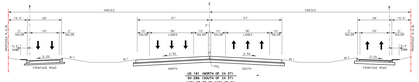
MAIN SPAN CROSS-SECTION AT STAY ANCHORAGES
1080+54.72 TO 1113+43.75

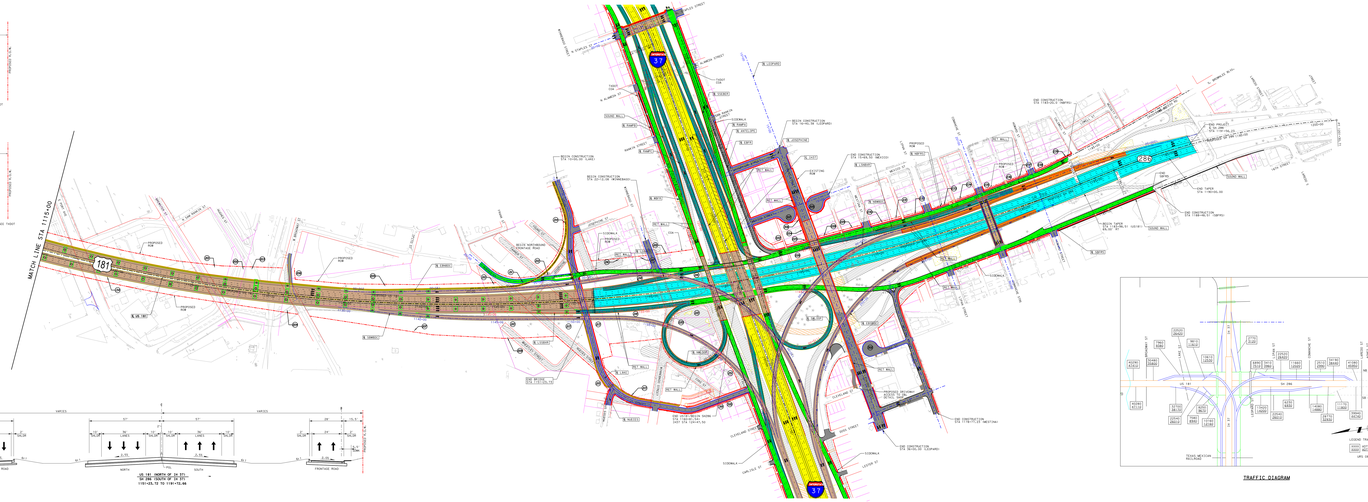


TYPICAL MAIN SPAN CROSS-SECTION
1080+54.72 TO 1113+43.75








MATCH LINE STA 1115+00
181
37
BEGIN CONSTRUCTION
STA 1101+00
BEGIN CONSTRUCTION
STA 1101+00 (MAINLANES)
END CONSTRUCTION
STA 1401+00
END CONSTRUCTION
STA 1401+00 (MAINLANES)
END CONSTRUCTION
STA 1401+00 (RAMPS)
END CONSTRUCTION
STA 1401+00 (MAINLANES)
END CONSTRUCTION
STA 1401+00 (RAMPS)
END PROJECT
STA 1401+00
END PROJECT
STA 1401+00
BEGIN TAPER
STA 1100+00 (LEFT)
END TAPER
STA 1100+00 (LEFT)
END TAPER
STA 1100+00 (RIGHT)
BEGIN TAPER
STA 1100+00 (RIGHT)
END CONSTRUCTION
STA 1101+00 (RAMPS)
END CONSTRUCTION
STA 1101+00 (MAINLANES)
END CONSTRUCTION
STA 1101+00 (RAMPS)
END CONSTRUCTION
STA 1101+00 (MAINLANES)
PROPOSED
ROW
PROPOSED
ROW
PROPOSED
ROW

Texas Department of Transportation

FLATIRON DRAGADOS

Stantec
Engineered as Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-4324

ROADWAY SCHEMATIC
US 181/IH 37 - HARBOR BRIDGE
NUECES COUNTY, TEXAS

PROJECT LIMITS
US 181/SH 286 FROM BEACH AVE TO LAREDO ST
IH 37 FROM BUFFALO ST TO NUECES BAY BLVD
APPROXIMATE LENGTH: 3.58 MILES

FEDERAL AID PROJECT NO.	DIST.	COUNTY	CONTROL	SECT.	JOB	HIGHWAY	ROLL 5 OF 10
	CRP	NUECES	0170	06	206	IH 37	DATE: 08-15-2019

VICINITY MAP
NOT TO SCALE

INTERIM REVIEW
NOT FOR CONSTRUCTION

REVISIONS

REVISION	DATE	DESCRIPTION	BY
1	02-07-2017	INITIAL ISSUE	DAV
2	01-04-2018	PROGRESS SUBMITTAL	DAV
3	01-04-2019	PROGRESS SUBMITTAL	DAV
4	06-28-2019	PROGRESS SUBMITTAL	DAV
5	10-28-2019	FINAL SUBMITTAL	DAV

PLAN LEGEND

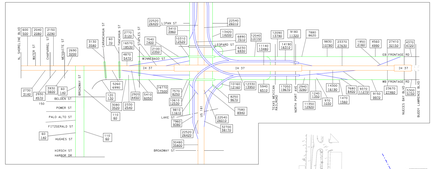
SYMBOLOGY

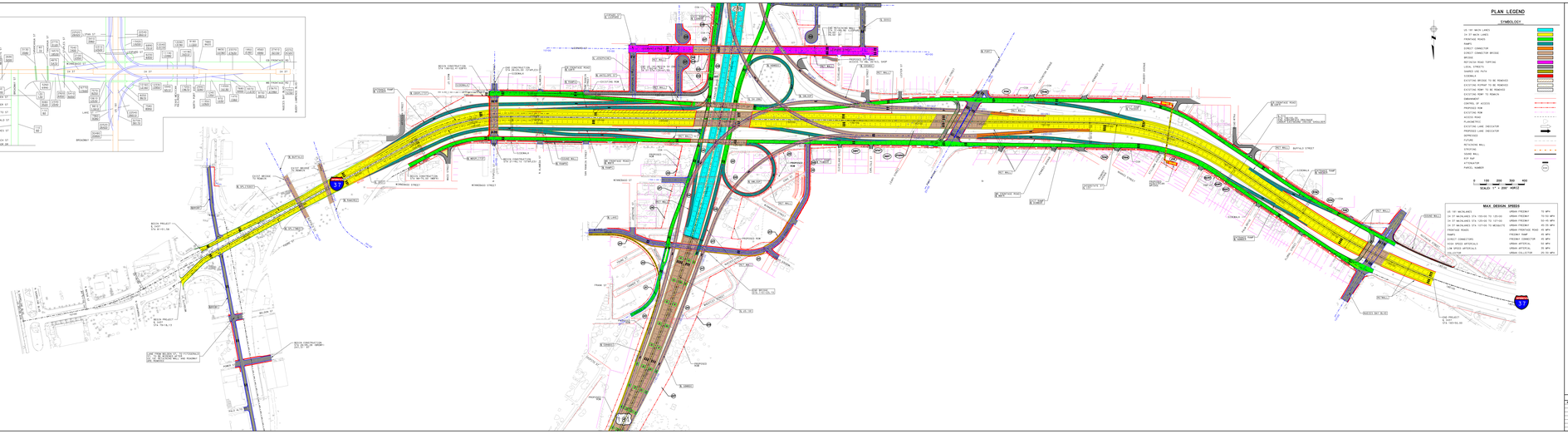
- UP TRF MAIN LANES
- DN TF MAIN LANES
- FREEWAY RAMPS
- FRONTAGE
- DIRECT CONNECTOR
- DIRECT CONNECTOR BRIDGE
- BRIDGE
- RETAINER WALL TOPPING
- RAMP LANE
- RAMPS LANE PATH
- CUSPALS
- EXISTING BRIDGE TO BE REMOVED
- EXISTING BUFFER TO BE REMOVED
- EXISTING RAMP TO BE REMOVED
- EXISTING RAMP TO REMAIN
- DRAINAGEWAY
- PROPOSED ACCESS
- PROPOSED ROW
- EXISTING ROW
- ACCESS ROAD
- PLANCRETE
- PROPOSED LANE INDICATOR
- PROPOSED LANE INDICATOR
- DEPRESSED
- FUTURE
- RETAINING WALL
- SOUND WALL
- SIGNS WALL
- EOT SWP
- ATTENUATOR
- PARCEL NUMBER (114)

0 100 200 300 400
SCALE: 1" = 200' (NRCS)

MAX DESIGN SPEEDS

UP TRF MAIN LANES	URBAN FREEWAY	70 MPH
DN TF MAIN LANES STA 150+00 TO 125+00	URBAN FREEWAY	70-50 MPH
DN TF MAIN LANES STA 125+00 TO 107+00	URBAN FREEWAY	50-45 MPH
DN TF MAIN LANES STA 107+00 TO ABUTMENT	URBAN FREEWAY	50-45 MPH
FRONTAGE ROADS	URBAN FREEWAY	45 MPH
RAMPS	FREEWAY RAMP	45 MPH
DIRECT CONNECTORS	FREEWAY CONNECTOR	45 MPH
HIGH SPEED ARTERIALS	URBAN ARTERIAL	50 MPH
LOW SPEED ARTERIALS	URBAN ARTERIAL	35 MPH
COLLECTOR	URBAN COLLECTOR	35-30 MPH





Texas Department of Transportation

FLATIRON DRAGADOS

Stantec
Engineered as Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-4324

ROADWAY SCHEMATIC
US 181/IH 37 - HARBOR BRIDGE
NUECES COUNTY, TEXAS

PROJECT LIMITS
US 181/SH 286 FROM BEACH AVE TO LAREDO ST
IH 37 FROM BUFFALO ST TO NUECES BAY BLVD
APPROXIMATE LENGTH: 3.58 MILES

FEDERAL AID PROJECT NO. | DIST. CRP | COUNTY NUECES | CONTROL 0170 | SECT. 06 | JOB 206 | HIGHWAY IH 37 | ROLL 5 OF 10 | DATE: 08-15-2019

NUECES COUNTY, TEXAS
CORPUS CHRISTI
CORPUS CHRISTI DISTRICT

VICINITY MAP
NOT TO SCALE

INTERIM REVIEW
NOT FOR CONSTRUCTION

REVISIONS

REVISION	DATE	DESCRIPTION	BY
1	02-07-2017	INITIAL ISSUE	DAV
2	01-04-2018	PROGRESS SUBMITTAL	DAV
3	01-04-2019	PROGRESS SUBMITTAL	DAV
4	06-28-2019	PROGRESS SUBMITTAL	DAV
5	10-28-2019	FINAL SUBMITTAL	DAV

PLAN LEGEND

SYMBOLOGY

MAX DESIGN SPEEDS

Texas Department of Transportation

FLATIRON DRAGADOS

Stantec
Engineered as Stantec Consulting Services Inc.
Texas Registered Engineering Firm F-4324

ROADWAY SCHEMATIC
US 181/IH 37 - HARBOR BRIDGE
NUECES COUNTY, TEXAS

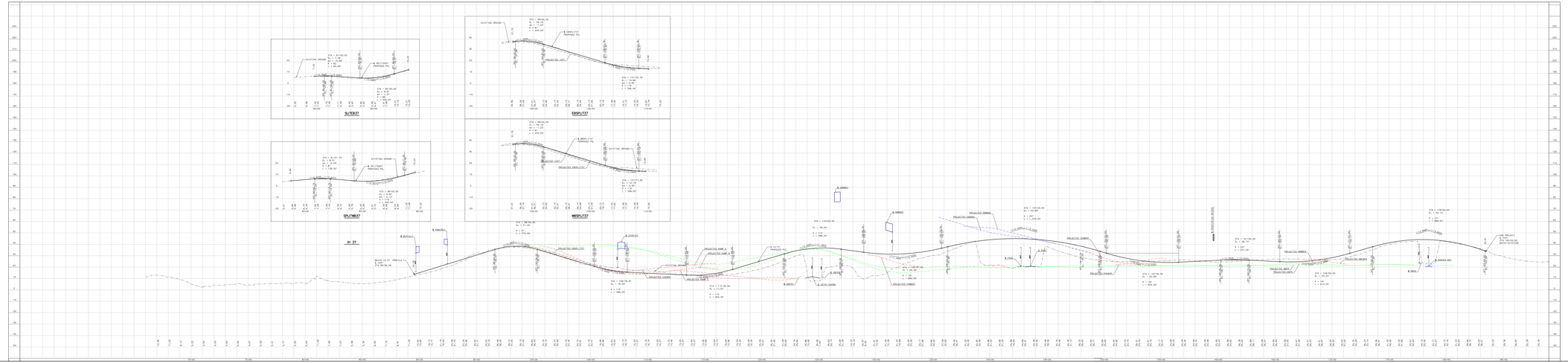
PROJECT LIMITS
US 181/SH 286 FROM BEACH AVE TO LAREDO ST
IH 37 FROM BUFFALO ST TO NUECES BAY BLVD
APPROXIMATE LENGTH: 3.58 MILES

FEDERAL AID PROJECT NO. | DIST. CRP | COUNTY NUECES | CONTROL 0170 | SECT. 06 | JOB 206 | HIGHWAY IH 37 | ROLL 6 OF 10 | DATE: 08-15-2019

NUECES COUNTY, TEXAS
CORPUS CHRISTI
CORPUS CHRISTI DISTRICT

VICINITY MAP
NOT TO SCALE

INTERIM REVIEW
NOT FOR CONSTRUCTION

REVISIONS

REVISION	DATE	DESCRIPTION	BY
1	02-07-2017	INITIAL ISSUE	DAV
2	01-04-2018	PROGRESS SUBMITTAL	DAV
3	01-04-2019	PROGRESS SUBMITTAL	DAV
4	06-28-2019	PROGRESS SUBMITTAL	DAV
5	10-28-2019	FINAL SUBMITTAL	DAV