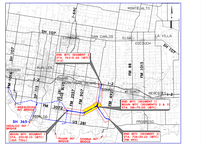

DESIGN DATA

INTERNATIONAL BRIDGE TRADE CORRIDOR (IBTC)

CSJ	0921-02-142
NET LENGTH	12.35 MILES
SEGMENT 1	FROM 365 TOLL/FM 3072 INTERCHANGE TO VALLEY VIEW INTERCHANGE (8.17 MILES)
SEGMENT 2	FROM VALLEY VIEW INTERCHANGE, NORTH TO INTERSTATE 2 (3.44 MILES)
SEGMENT 3	FROM VALLEY VIEW INTERCHANGE, EAST TO FM 493 (2.74 MILES)
FUNCTIONAL CLASSIFICATION	URBAN FREEWAY (PRINCIPAL ARTERIAL)
ADT (2034)	SEE IBTC TRAFFIC VOLUME DIAGRAM
(2044)	SEE IBTC TRAFFIC VOLUME DIAGRAM
+ MAX	6%
DESIGN CRITERIA	TxDOT ROADWAY DESIGN MANUAL CHAPTER 2; SECTION 5 – (MULTI-LANE RURAL HIGHWAYS) CHAPTER 2; SECTION 5 – (MULTI-LANE RURAL HIGHWAYS) CHAPTER 3; SECTION 6 – (FREEWAYS)

DESIGN SPEED TABLE

IBTC		
	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
MAINLANES	75 MPH	URBAN FREEWAY (PRINCIPAL ARTERIAL)
RAMPS	50 MPH	URBAN FREEWAY (PRINCIPAL ARTERIAL)
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CROSSROADS

FM 3072 (SOUTH RD.)	50 MPH	URBAN MAJOR COLLECTOR
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COUNTY RD. 102	35 MPH	URBAN MINOR COLLECTOR
COUNTY RD. 103	35 MPH	URBAN MINOR COLLECTOR
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COUNTY RD. 100	35 MPH	URBAN MINOR COLLECTOR
FM 493	35 MPH	URBAN MINOR COLLECTOR

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PROPRIETARY

HDR Engineering Inc.
555 N. Carancahua, Suite 1600
Corpus Christi, TX 78401
Texas P.E. Firm Registration No. F-754

INTERNATIONAL BRIDGE TRADE CORRIDOR SEGMENT-1, 2 & 3 PHASE-1 ROLL 2 OF 6

REVISIONS			
DATE	DESCRIPTION	BY	CHK

SCALE	DATE	DESIGNED	DRAWN	CHECKED
1" = 200'	04-08-2022			

PLAN LEGEND

- CITY LIMITS
- REVISED RIGHT OF WAY
- EXISTING RIGHT OF WAY
- EXISTING INTERNATIONAL LEVEE R.O.W.
- CONTROL OF ACCESS
- BEGIN/END R.O.W. TRANSITION
- PROPOSED RETAINING WALL
- PROPOSED TOE OF SLOPE
- PROPOSED GAS EASEMENT
- PROPOSED BRIDGE (GARLINE)
- PROPOSED ROADWAY
- EXISTING ROADWAY TO REMAIN
- EXISTING DRAINAGE DITCH
- PROPOSED DRAINAGE DITCH
- PROPOSED DRAINAGE DITCH AT OTHERS
- PROPOSED IRRIGATION EASEMENT
- PROPOSED HIGH TENSION POWER LINE
- EXISTING HIGH TENSION POWER LINE
- EXISTING IRRIGATION CANAL
- EXISTING CATHO CORRIDOR/TRACT
- EXISTING FLOODWAY / LEVEE
- EXISTING FEMA FLOODPLAIN CENTER
- EXISTING CONSTRAINTS
- FUTURE PAVEMENT / ULTIMATE SECTION
- FUTURE BRIDGE BY OTHERS (BRIDGE DECK ONLY)
- FUTURE BRIDGE / ULTIMATE SECTION
- EXISTING ROAD TO BE OBLITERATED
- AREAS OF IMPACT
- PROPOSED R.O.W.
- EXISTING IRRIGATION STRUCTURE
- EXISTING DRAINAGE STRUCTURE
- PROPOSED IRRIGATION STRUCTURE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED IRRIGATION STRUCTURE BY OTHERS
- PROPOSED DRAINAGE STRUCTURE BY OTHERS
- PROPOSED TRAFFIC
- EXISTING TRAFFIC
- PROPOSED DRAINAGE FLOW
- EXISTING DRAINAGE FLOW

UTILITIES LEGEND

- EXIST. OVERHEAD POWER LINE (WITH GUYS & ANCHORS)
- EXIST. OVERHEAD POWER LINE
- EXIST. OVERHEAD POWER LINE
- EXIST. UNDERGROUND POWER LINE
- EXISTING HIGH TENSION POWER LINES
- PROPOSED HIGH TENSION POWER LINES
- EXIST. GAS LINE
- EXIST. WATER LINE
- EXIST. SANITARY SEWER LINE
- EXIST. SANITARY SEWER FORCEMAIN
- EXIST. UNDERGROUND FIBER OPTIC
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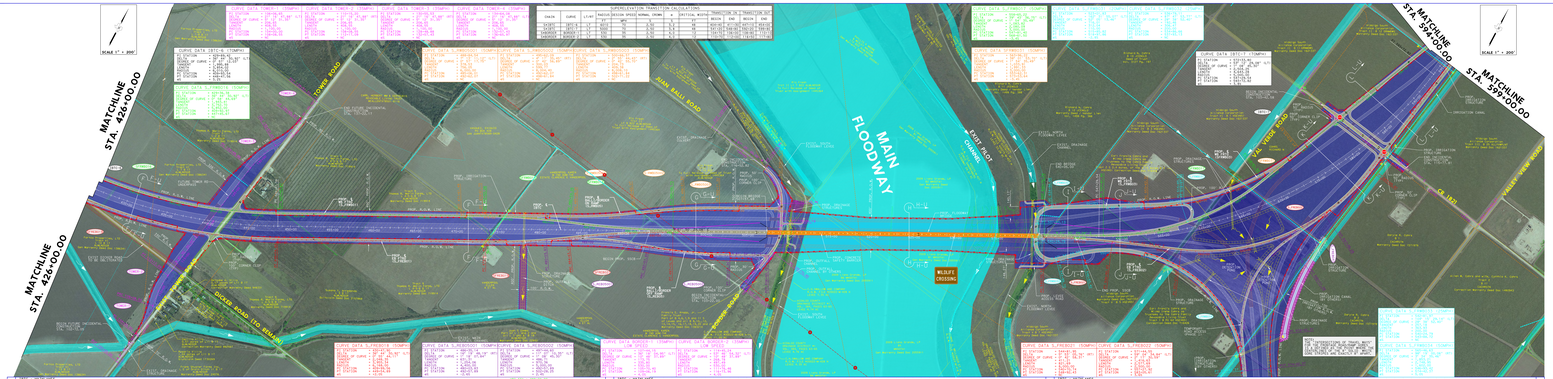

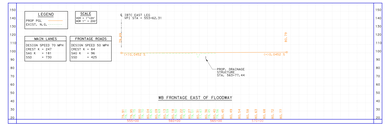

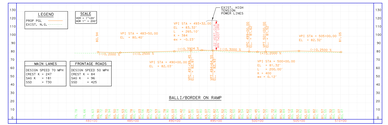

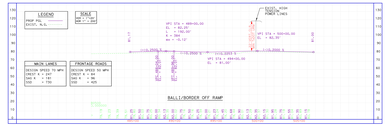

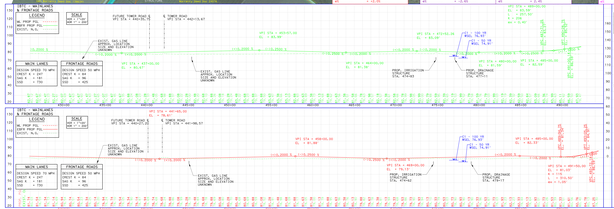

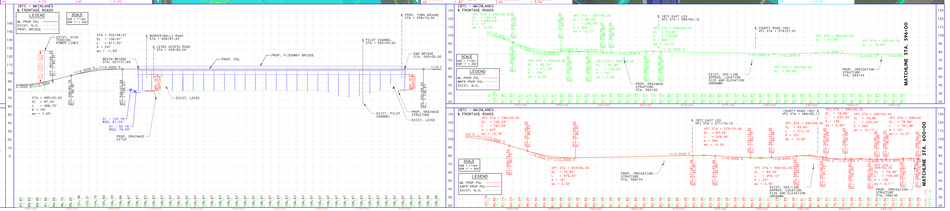

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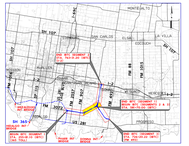

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555 N. Carancahua, Suite 1600
Corpus Christi, TX 78401
Texas P.E. Firm Registration No. F-754

INTERNATIONAL BRIDGE TRADE CORRIDOR SEGMENT-1, 2 & 3 PHASE-1 ROLL 2 OF 6

REVISIONS

DATE	DESCRIPTION	BY	CHK

SCALE 1" = 200' | DATE 04-08-2022 | DESIGNED | DRAWN | CHECKED

NOT A BIDDING DOCUMENT