DANA AVE

VICINITY MAP
SCALE: 1" = 5000'

DESIGN DATA

DANA AVE
CAMERON COUNTY
CSJ: 0921-06-330, ETC
NET LENGTH OF PROJECT: 2.40 MILES

LIMITS: FM 3248 (DR. HUGH EMERSON RD.) TO FM 802 (RUBEN TORRES BLVD.)

FUNCTIONAL CLASSIFICATION: "URBAN STREET-MAJOR COLLECTOR"

ADT (FROM FM 3248 (DR. HUGH EMERSON RD.) TO MORRISON RD.):
[2030] - 6,800
[2050] - 9,400

ADT (FROM MORRISON RD. TO FM 802 (RUBEN TORRES BLVD.)):
[2030] - 15,000
[2050] - 17,600

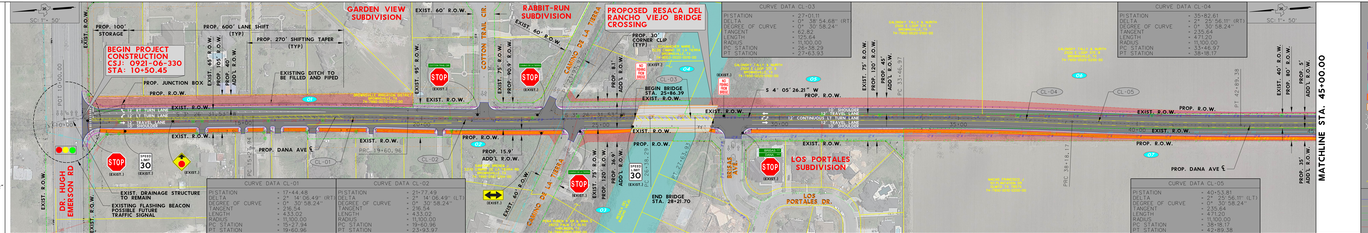
DESIGN SPEED: 60 MPH
• MAX = 6%

DESIGN CRITERIA: TxDOT ROADWAY DESIGN MANUAL CHAPTER 3, SECTION 2 "URBAN STREETS"

SCALE:
HOR. 1" = 50'
VERT. 1" = 10'
JOB NO. 0921-06-330

GRJ Engineering
TBPE FIRM F-3727
Civil Engineering Services - Planning and Development - Transportation - Water Resources - Construction Management - Environmental
1904 Boundary Blvd. Suite A
Edinburg, Texas 78539
Office: (956) 803-2020

RMA REALTY/MARKET
REGIONAL DEVELOPMENT PARTNERS - CAMERON - HIDALGO - WILLACY


GARDEN VIEW SUBDIVISION
RABBIT-RUN SUBDIVISION
PROPOSED RESACA DEL RANCHO VIEJO BRIDGE CROSSING
BEGIN PROJECT CONSTRUCTION CSJ: 0921-06-330 STA: 10+50.45
PROP. 100' STORAGE
PROP. 600' LANE SHIFT (TYP)
PROP. 270' SHIFTING TAPER (TYP)
EXISTING DITCH TO BE FILLED AND PIPED
PROP. JUNCTION BOX
PROP. R.O.W.
EXIST. R.O.W.
COTTON TRAIL DR.
CHANO DE LA TIERRA
BEGIN BRIDGE STA. 25+86.39
END BRIDGE STA. 28+21.70
LOS PORTALES SUBDIVISION
LOS PORTALES DR.
DR. HUGH EMERSON RD.
PROP. DANA AVE ℄
MATCHLINE STA. 45+00.00
EXIST. DRAINAGE STRUCTURE TO REMAIN
EXISTING FLASHING BEACON POSSIBLE FUTURE TRAFFIC SIGNAL
STOP
SCHOOL ZONE
30
CURVE DATA CL-01
PI STATION = 17+44.48
DELTA = 2° 14' 06.40" (RT)
DEGREE OF CURVE = 0° 30' 58.24"
PC STATION = 16+72.24
LENGTH = 433.02
RADIUS = 11,100.00
PC STATION = 15+27.94
PT STATION = 19+60.96
CURVE DATA CL-02
PI STATION = 21+77.49
DELTA = 2° 14' 06.49" (LT)
DEGREE OF CURVE = 0° 30' 58.24"
PC STATION = 21+04.25
LENGTH = 433.02
RADIUS = 11,100.00
PC STATION = 19+37.94
PT STATION = 23+93.97
CURVE DATA CL-03
PI STATION = 27+00.11
DELTA = 0° 38' 54.68" (RT)
DEGREE OF CURVE = 0° 30' 58.24"
RADIUS = 11,100.00
LENGTH = 125.64
PC STATION = 26+38.53
PT STATION = 27+64.17
CURVE DATA CL-04
PI STATION = 42+82.61
DELTA = 2° 25' 56.18" (RT)
DEGREE OF CURVE = 0° 30' 58.24"
RADIUS = 11,100.00
LENGTH = 471.20
PC STATION = 41+46.97
PT STATION = 45+18.17
CURVE DATA CL-05
PI STATION = 40+53.81
DELTA = 2° 25' 56.18" (LT)
DEGREE OF CURVE = 0° 30' 58.24"
RADIUS = 11,100.00
LENGTH = 471.20
PC STATION = 39+18.21
PT STATION = 42+89.38
S 4° 05' 26.21" W
PROP. R.O.W.
PROP. 15.9' ADD'L R.O.W.
PROP. 12.5' ADD'L R.O.W.
PROP. 7.5' ADD'L R.O.W.
PROP. 40.5' ADD'L R.O.W.
PROP. 60' R.O.W.
PROP. 120' R.O.W.
PROP. 7.5' ADD'L R.O.W.
PROP. 12.5' ADD'L R.O.W.
PROP. 15.9' ADD'L R.O.W.
PROP. 9.1' ADD'L R.O.W.
PROP. 12.5' ADD'L