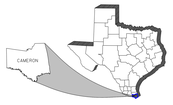
SHEET 1 OF 1



VICINITY MAP

NOT TO SCALE

NOTE - ALL BEARINGS ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM NAD 83. ALL DISTANCES AND COORDINATES ARE ADJUSTED TO GRID USING THE TXDOT HIDALGO COUNTY SURFACE TO GRID ADJUSTMENT FACTOR OF 0.99996000016.

DESIGN DATA

PROJECT LIMITS: FROM IH-69E TO SH 4

CONTROL-SECTION-JOB = 0220-05-075

COUNTY = CAMERON

FUNCT. CLASSIFICATION = PRINCIPAL ARTERIAL

POSTED SPEEDS= = 40 MPH

DESIGN SPEEDS= = 40 MPH

e = 6% max

DESIGN CRITERIA = TXDOT ROADWAY DESIGN MANUAL CHAPTER 2, "BASIC DESIGN CRITERIA" CHAPTER 3, SECTION 2

(URBAN STREETS)

TRAFFIC DATA

FROM IH-69E TO SH 4

TRAFFIC VOLUMES: 2015 ADT 41,219
2035 ADT 75,520

PERCENT TRUCKS= 11.5%

RAILROAD CROSSING

BROWNSVILLE & RIO GRANDE INTERNATIONAL RAILROAD
STA. 162+50

THIS DOCUMENT IS FOR INTERIM REVIEW AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

JAVIER MARTINEZ, JR. P.E. 116932 — ROSTER DATE:

SCALE: 1"=50'

Texas Department of Transportation
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PRELIMINARY DESIGN SCHEMATIC FOR:

SH 48
I-69E TO SH 4

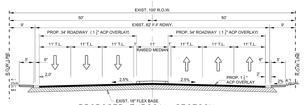
DATE	ROAD#	STATE DISTRICT	COUNTY	CONT. No.	SECT. No.	JOB No.
SHEET 1 OF 1		PHR	CAMERON	0220	05	075

DATE&ROSTER #TIME# DESCRIPTION

PLAN LEGEND

- PROPOSED CL
- PROPOSED CURB & GUTTER
- EXISTING ROW
- PROP 5' SIDEWALK
- LIMITS OF PROPOSED PAVEMENT
- TRAFFIC FLOW DIRECTION

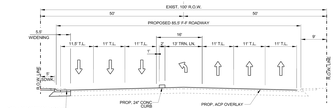
SCALE: 1"=50'



PROPOSED TYPICAL SECTION

Sh 48

STA 100+95 TO STA 101+95
STA 101+95 TO STA 111+45 TRANS. TAPER
STA 111+45 TO STA 124+35
STA 124+35 TO STA 125+35 TRANS. TAPER
STA 125+35 TO STA 151+45
STA 151+45 TO STA 152+45 TRANS. TAPER
STA 152+45 TO STA 160+55
STA 160+55 TO STA 162+20
STA 162+20 TO STA 162+80 GAP (RAIL ROAD)
STA 162+80 TO STA 165+95
STA 165+95 TO STA 167+15 INTER.(SECURITY DR.)

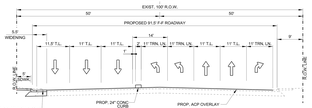


PROPOSED TYPICAL SECTION

Sh 48

STA 101+95 TO STA 102+55
STA 102+55 TO STA 103+35 INTERSECTION (FM 1847)
STA 152+45 TO STA 159+45

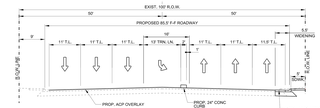
STA 125+35 TO STA 132+40
STA 132+40 TO STA 133+55 INTERSECTION (OLD PORT ISABEL)
STA 139+45 TO STA 160+55 INTERSECTION (KINGS HIGHWAY)



PROPOSED TYPICAL SECTION

Sh 48

STA 113+15 TO STA 178+25

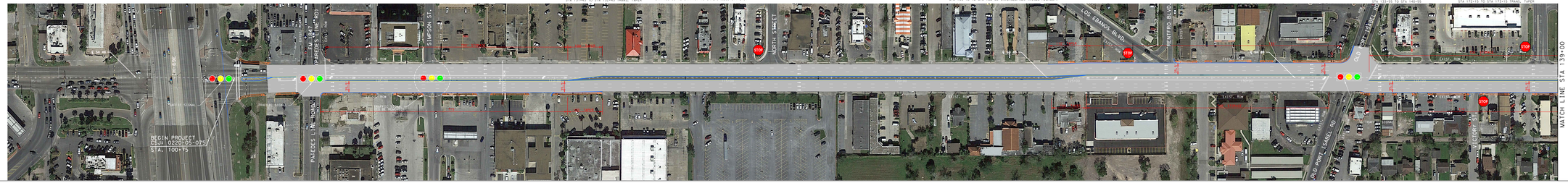
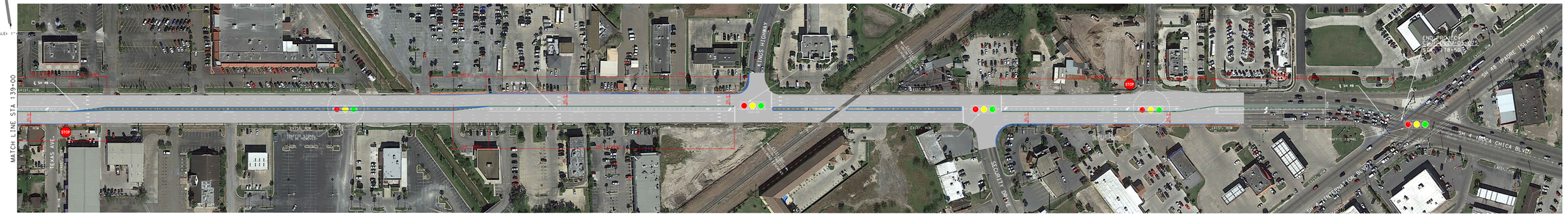


PROPOSED TYPICAL SECTION

Sh 48

STA 100+95 TO STA 101+55
STA 101+55 TO STA 102+55
STA 102+55 TO STA 103+35 INTERSECTION (FM 1847)
STA 103+35 TO STA 110+35
STA 110+35 TO STA 113+15 TRANS. TAPER
STA 113+15 TO STA 125+35
STA 125+35 TO STA 132+40
STA 132+40 TO STA 133+55 INTERSECTION (OLD PORT ISABEL)
STA 133+55 TO STA 139+45
STA 139+45 TO STA 160+55 INTERSECTION (KINGS HIGHWAY)
STA 160+55 TO STA 162+20
STA 162+20 TO STA 162+80 GAP (RAIL ROAD)
STA 162+80 TO STA 165+95
STA 165+95 TO STA 167+15 INTER.(SECURITY DR.)
STA 167+15 TO STA 173+15 TRANS. TAPER
STA 173+15 TO STA 178+25

SCALE: 1"=50'



SCALE: 1"=50'