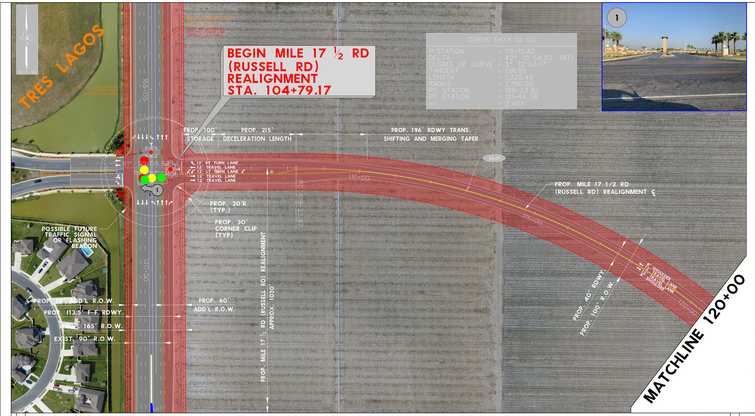
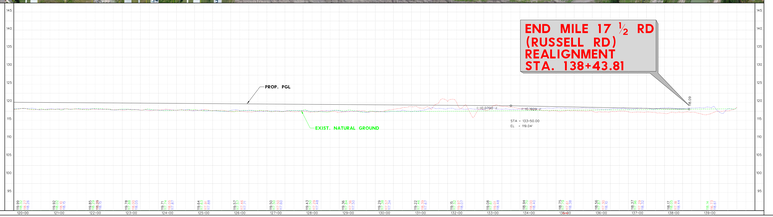
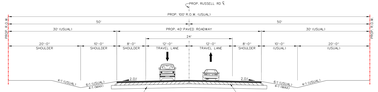
# MILE 17½ RD (RUSSELL RD) REALIGNMENT

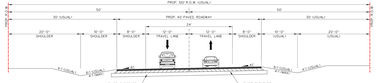





## EXISTING TYPICAL SECTIONS

## PROPOSED TYPICAL SECTIONS





| STATION LIMITS FULL "W" | STATION P.I. | DEGREE OF CURVE "D" | e % | TRANSITION LENGTH AT P.C. BEGIN | TRANSITION LENGTH AT P.C. END | TRANSITION LENGTH AT P.C. LENGTH | TRANSITION LENGTH AT P.T. BEGIN | TRANSITION LENGTH AT P.T. END | TRANSITION LENGTH AT P.T. LENGTH |
|---|---|---|---|---|---|---|---|---|---|
| 108+43.84 - 121+24.46 | 108+23.92 | 12°44.38 | 2°33'57" | 2.40 | 121+24.24 | 108+43.84 | 150 | 121+24.46 | 150 |
| 121+24.50 - 130+23.85 | 121+64.30 | 18°43.81 | 2°33'57" | 2.00 | 121+64.70 | 121+24.50 | 150 | 130+23.85 | 151.15 |

## DESIGN DATA

FM 2220

CSJ: 2094-01-063
(FM 1925 TO SH 107)

HIDALGO COUNTY

NET LENGTH OF PROJECT: 0.690 MILES

LIMITS: FM 2220 TO 0.63 MI EAST OF FM 2220

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL

ADT (2030) - TBD
(2050) - TBD

DESIGN SPEED: 30 MPH
e MAX = 6%
DESIGN CRITERIA : TxDOT ROADWAY DESIGN MANUAL CHAPTER 3, SECTION 3

PRELIMINARY SUBJECT TO REVISION 10/22/2020

## PLAN LEGEND

## UTILITIES LEGEND

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

JORGE A. GONZALEZ
P.E. 127147
10/22/2020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Structural | Bridge
Transportation Planning
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Texas Department of Transportation


MILE 17½ RD
(RUSSELL RD) REALIGNMENT

SCALE: H = 1"=50'
V = 1"=10'

| DESIGNED | DRAWN | REVIEWED | SUPERVISED | DATE | PROJECT NO. |
|---|---|---|---|---|---|
| JAG | RL | JAG | JAG | 10/22/20 | |

| DISTRICT | COUNTY | ROADWAY | CONTROL | SECTION | JOB | SHEET |
|---|---|---|---|---|---|---|
| PHARR | HIDALGO | FM 2220 | 2094-01 | 063 | | |