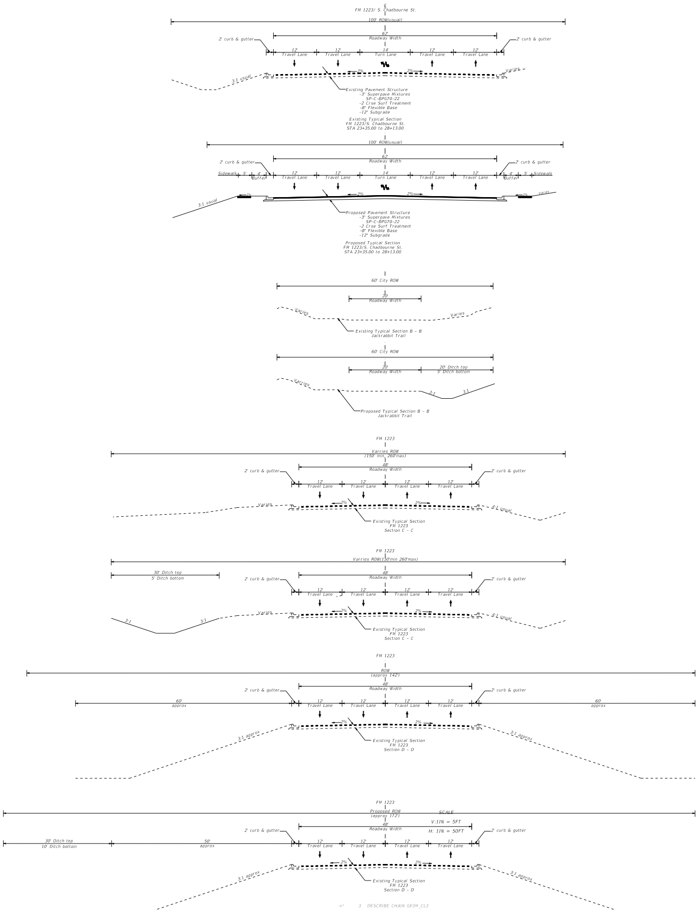

℄
FM 1223/ S. Chadbourne St.
100' ROW(usual)
62'
Roadway Width
2' curb & gutter
2' curb & gutter
12'
Travel Lane
12'
Travel Lane
14'
Turn Lane
12'
Travel Lane
12'
Travel Lane
2%
2%
3:1 usual
Varies
Existing Pavement Structure
-3" Superpave Mixtures
SP-C-BPG70-22
-2 Crse Surf Treatment
-8" Flexible Base
-12" Subgrade
Existing Typical Section
FM 1223/S. Chadbourne St.
STA 23+35.00 to 28+13.00
100' ROW(usual)
62'
Roadway Width
2' curb & gutter
2' curb & gutter
Sidewalk
5'
4'
Buffer
12'
Travel Lane
12'
Travel Lane
14'
Turn Lane
12'
Travel Lane
12'
Travel Lane
4'
Buffer
5'
Sidewalk
2%
2%
2%
2%
3:1 usual
Varies
Proposed Pavement Structure
-3" Superpave Mixtures
SP-C-BPG70-22
-2 Crse Surf Treatment
-8" Flexible Base
-12" Subgrade
Proposed Typical Section
FM 1223/S. Chadbourne St.
STA 23+35.00 to 28+13.00
60' City ROW
20'
Roadway Width
Varies
Varies
Existing Typical Section B - B
Jackrabbit Trail
60' City ROW
20'
Roadway Width
20' Ditch top
5' Ditch bottom
Varries
3:1
3:1
Proposed Typical Section B - B
Jackrabbit Trail
FM 1223
Varries ROW
(150' min, 260'max)
48'
Roadway Width
2' curb & gutter
2' curb & gutter
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
2%
2%
Varies
4:1 usual
Existing Typical Section
FM 1223
Section C - C
FM 1223
Varries ROW(150'min 260'max)
30' Ditch top
5' Ditch bottom
48'
Roadway Width
2' curb & gutter
2' curb & gutter
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
2%
2%
3:1
3:1
Varies
4:1 usual
Existing Typical Section
FM 1223
Section C - C
FM 1223
ROW
(approx 142')
48'
Roadway Width
2' curb & gutter
2' curb & gutter
60'
approx
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
60'
approx
2%
2%
3:1 approx
3:1 approx
Existing Typical Section
FM 1223
Section D - D
FM 1223
Proposed ROW
(approx 172')
SCALE
V:1IN = 5FT
H: 1IN = 50FT
48'
Roadway Width
2' curb & gutter
2' curb & gutter
30' Ditch top
10' Ditch bottom
50'
approx
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
12'
Travel Lane
2%
2%
3:1 approx
3:1 approx
3:1
3:1
Existing Typical Section
FM 1223
Section D - D

```
<*        3   DESCRIBE CHAIN GEOM_CL3

             Chain GEOM_CL3 contains:
      13 CUR GEOM_CL3_3 CUR GEOM_CL3_6 14

         Beginning chain GEOM_CL3 description
              Feature: Geom_Centerline
=============================================================================

  Point 13          X     2,267,057.26 Y    10,485,114.63 Sta      0+00.00

   Course from 13 to PC GEOM_CL3_3 S 34° 53' 21.20" E Dist 571.79

                                         Curve Data
                                         *----------*
                           Curve GEOM_CL3_3
  P.I.  Station         13+93.81  X        2,267,854.50  Y       10,483,971.34
                      Delta       =     38° 58' 35.50" (LT)
                        Degree      =        2° 27' 59.97"
                        Tangent     =              822.02
                        Length      =            1,580.14
                        Radius      =            2,322.81
                        External    =              141.16
                        Long Chord  =            1,549.84
                        Mid. Ord.   =              133.07
  P.C.  Station          5+71.79  X        2,267,384.32  Y       10,484,645.61
  P.T.  Station         21+51.93  X        2,268,644.14  Y       10,483,742.91
   C.C.                           X        2,269,289.63  Y       10,485,974.24
                        Back        = S  34° 53' 21.20" E
                        Ahead       = S  73° 51' 56.70" E
                        Chord Bear  = S  54° 22' 38.95" E

  Course from PT GEOM_CL3_3 to PC GEOM_CL3_6 S 73° 51' 56.70" E Dist 610.04

                                         Curve Data
                                         *----------*
                           Curve GEOM_CL3_6
  P.I.  Station         30+70.50  X        2,269,526.53  Y       10,483,487.66
                      Delta       =     15° 24' 37.74" (LT)
                        Degree      =        2° 30' 45.28"
                        Tangent     =              308.53
                        Length      =              613.33
                        Radius      =            2,280.36
                        External    =               20.78
                        Long Chord  =              611.49
                        Mid. Ord.   =               20.59
  P.C.  Station         27+61.97  X        2,269,230.15  Y       10,483,573.39
  P.T.  Station         33+75.30  X        2,269,835.04  Y       10,483,483.76
   C.C.                           X        2,269,863.84  Y       10,485,763.94
                        Back        = S  73° 51' 56.70" E
                        Ahead       = S  89° 16' 34.44" E
                        Chord Bear  = S  81° 34' 15.57" E

   Course from PT GEOM_CL3_6 to 14 S 89° 16' 34.44" E Dist 4,362.00

  Point 14          X     2,274,196.69 Y    10,483,428.66 Sta     77+37.30

=============================================================================
             Ending chain GEOM_CL3 description
```

0 10 20
SCALE IN FT

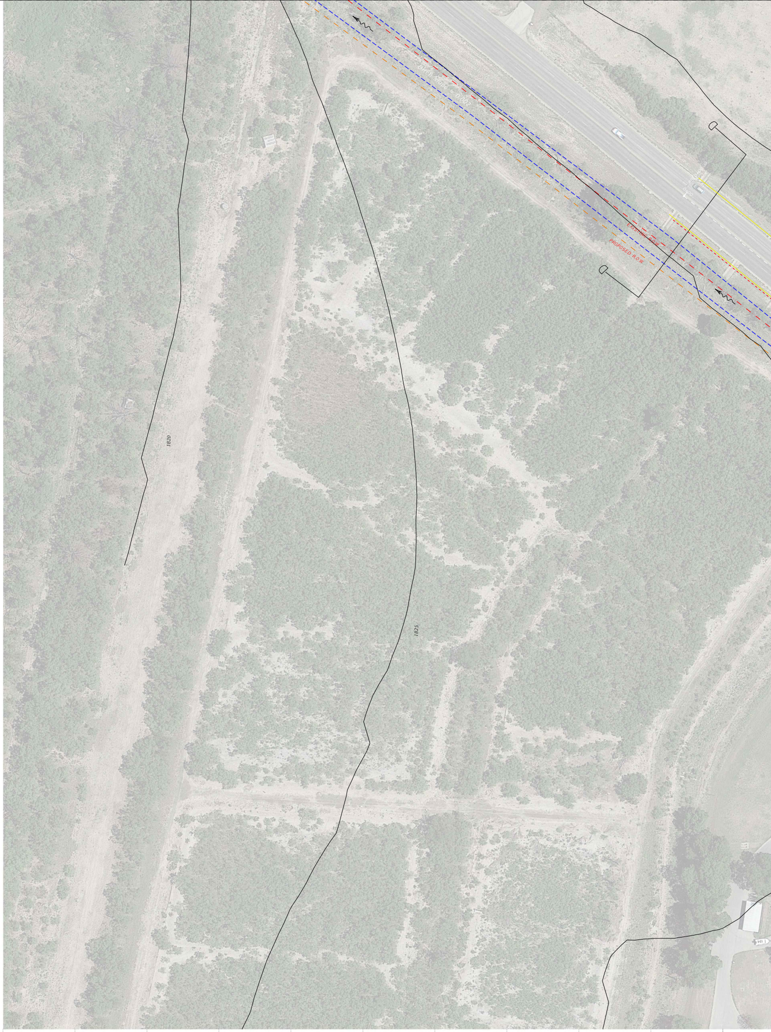
LEGEND

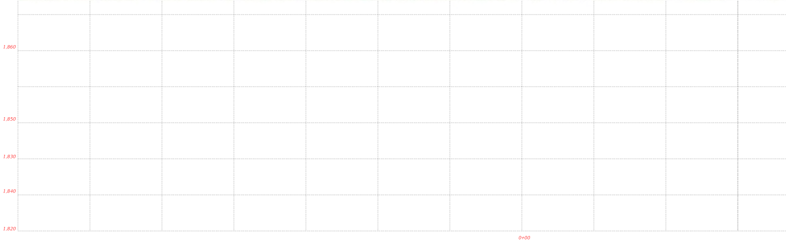
───	CONTOUR LINES
───	PROPERTY LINES
───	WATERMAINS
───	SEWERMAINS
- - -	PROPOSED DITCH
- - -	DRAINAGE EASEMENT
—·—·—	EXISTING R.O.W
- - -	PROPOSED R.O.W
⊓	PROPOSED DRAINAGE INLET
●	MANHOLE
⇝	FLOW DIRECTION
▨	REMOVAL
▨	TRAFFIC GORE
■	SIDEWALK
─ ─	PAVENENT MARKING 4" YELLOW SKIP 10'-30'
─ ─	PAVENENT MARKING 4" WHITE 6'-10'
■	DRIVEWAY

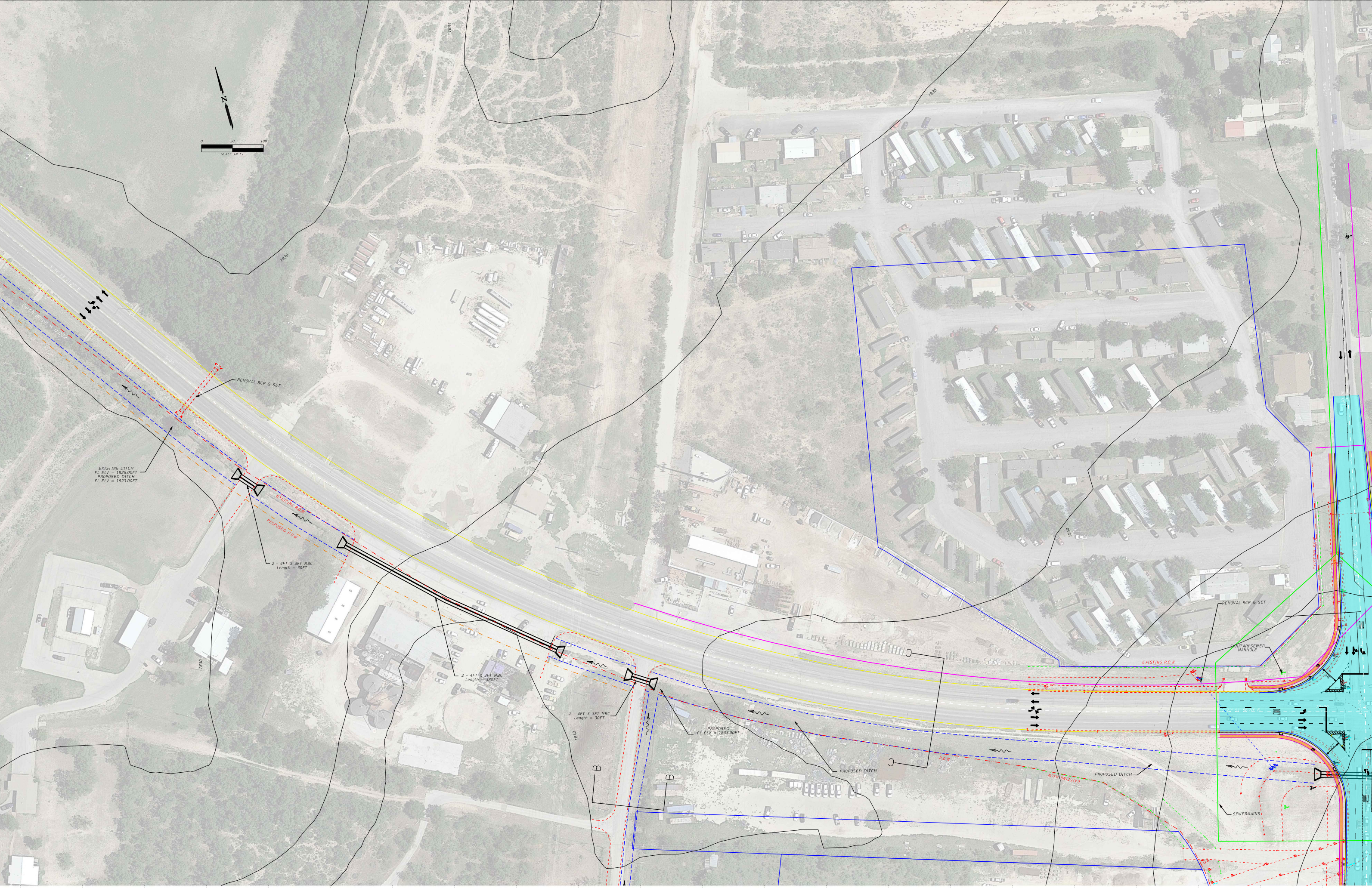
NOTE: EXISTING R.O.W TO BE VERIFIED ON DURING THE PS&E STAGE.

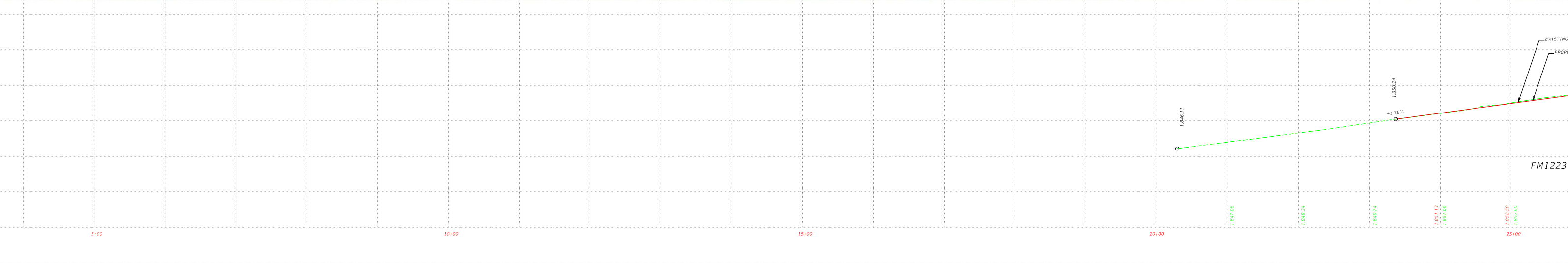
PRELIMINARY
SUBJECT TO CHANGE

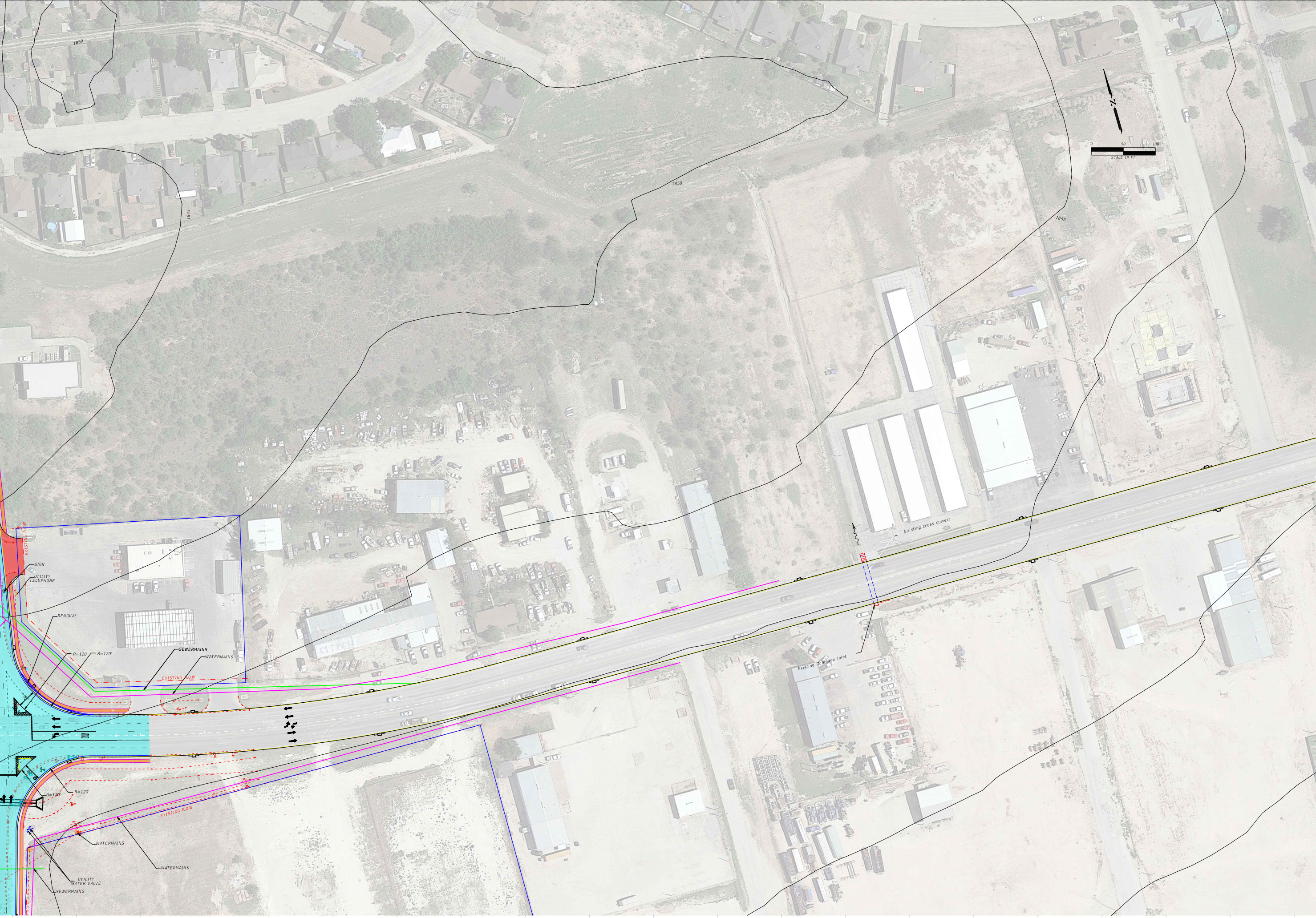
SHEET 5 OF 5

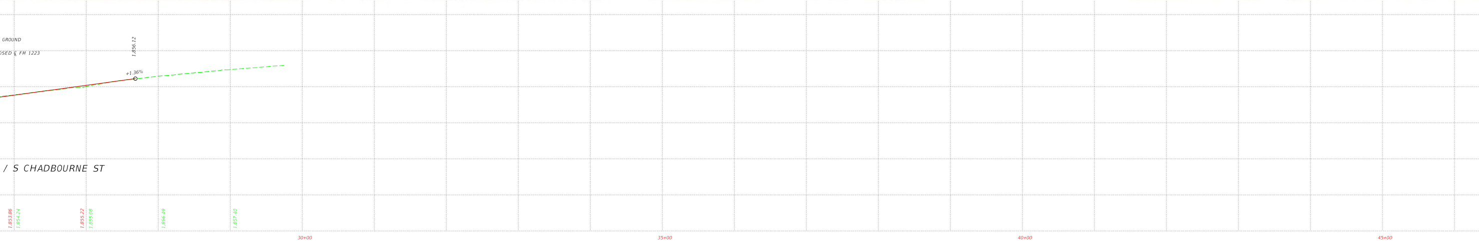

1820
1825
POT 0+00.00
0+00
EXISTING R.O.W
PROPOSED R.O.W

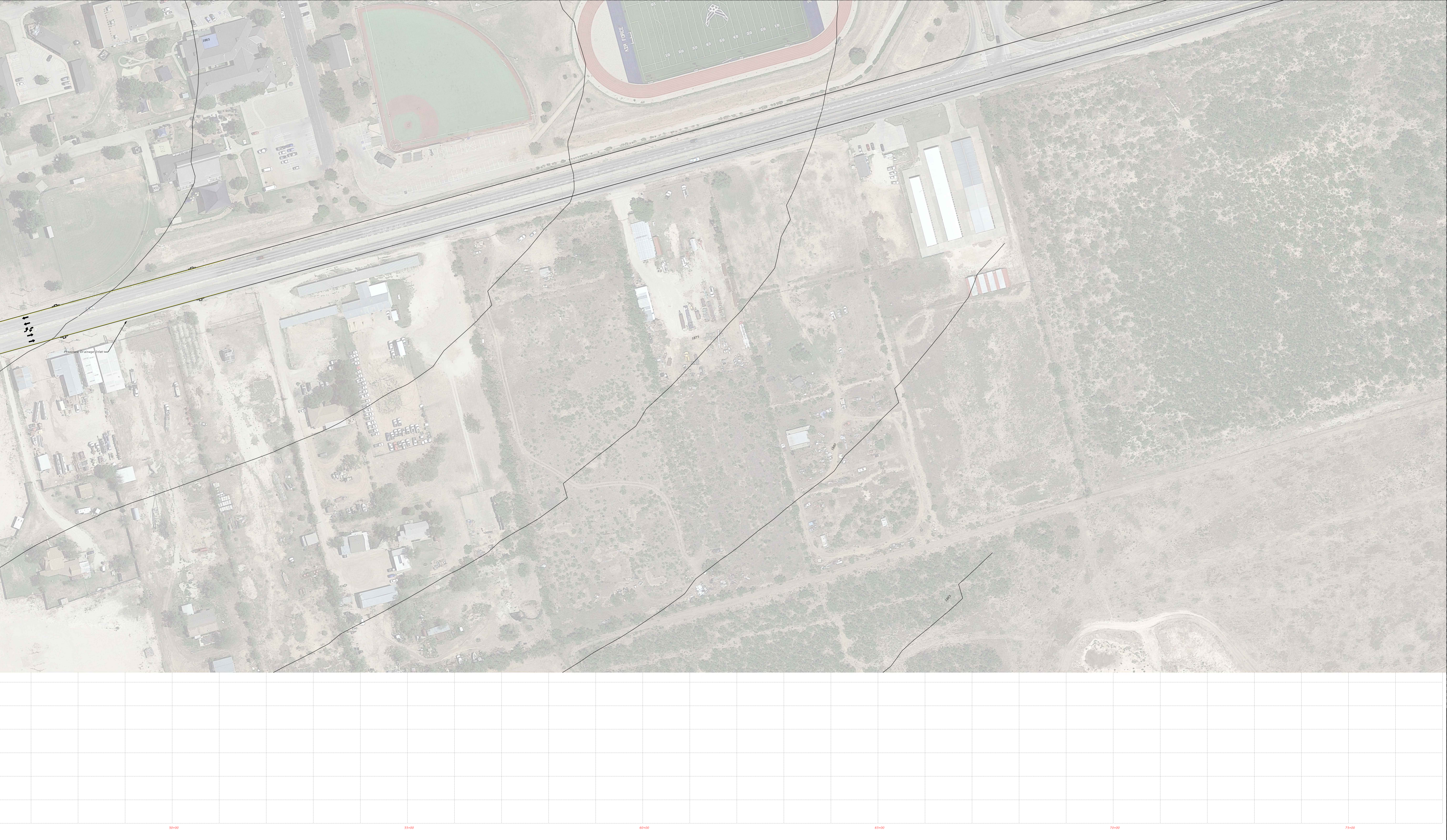



N
0
50
100
SCALE IN FT
1830
1835
1840
REMOVAL RCP & SET
EXISTING DITCH
FL ELV = 1826.00FT
PROPOSED DITCH
FL ELV = 1823.00FT
EXISTING R.O.W
PROPOSED R.O.W
5+00
FM 1223 S Chadbourne St
Ditch slope = 0.002
2 - 4FT X 3FT MBC
Length = 30FT
2 - 4FT X 3FT MBC
Length = 380FT
2 - 4FT X 3FT MBC
Length = 30FT
PROPOSED
FL ELV = 1833.00FT
B
B
PROPOSED DITCH
Ditch slope = 0.016
R.O.W
PROPOSED DITCH
EXISTING R.O.W
REMOVAL RCP & SET
SANITARY SEWER
MANHOLE
SEWERMAINS
S 73° 51' 56.70" E
ONLY
ONLY




1850
1845
1850
1855
N
0
50
100
SCALE IN FT
R = 30'
EXISTING R.O.W
SIGN
UTILITY
TELEPHONE
REMOVAL
R=120'
R=120'
SEWERMAINS
WATERMAINS
EXISTING R.O.W
ONLY
28'
R=120'
R=120'
EXISTING R.O.W
WATERMAINS
WATERMAINS
UTILITY
WATER VALVE
SEWERMAINS
Existing cross culvert
Existing Drainage Inlet




1865
50+00
Proposed Drainage Inlet
1875
1880
1885
50+00
55+00
60+00
65+00
70+00
75+00