# LUBBOCK COUNTY

**HONORABLE CURTIS PARRISH**
**LUBBOCK COUNTY JUDGE**

**TEXAS DEPARTMENT OF TRANSPORTATION**
**LUBBOCK DISTRICT**

**STEVEN P. WARREN, P.E., DISTRICT ENGINEER**

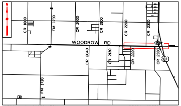
# WOODROW ROAD
## FROM: FM 1730
## TO: US 87

FINAL DESIGN SCHEMATIC
FEBRUARY 19, 2021

CSJ: 0905-06-115 = 2.13 MILES
WOODROW RD CL STA 1048+00 TO STA 1160+59.26
CSJ: 0905-06-116 = 2.74 MILES
WOODROW RD CL STA 1160+59.26 TO STA 1305+35.52
TOTAL PROJECT LENGTH = 4.87 MILES

CONSTRUCTION OF: ROADWAY WIDENING FROM 0.2 MILES WEST OF FM 1730 TO US 87

CONSISTING OF: GRADING, CURB AND GUTTER, PAVING, STRUCTURES, DRAINAGE IMPROVEMENTS, SIGNING AND PAVEMENT MARKINGS


N
CR 1800
FM 1730
CR 2000
CR 2100
CR 2200
CR 2300
WOODROW RD
CR 2040
CR 2130
CR 2220
CR 2330
87
FM 1730

| FUNCTIONAL CLASSIFICATION: |
|---|
| WOODROW RD-URBAN PRINCIPAL ARTERIAL (MODIFIED) (COUNTY) |
| SLIDE RD-URBAN MINOR ARTERIAL (TXDOT) |
| QUAKER AVE-URBAN MAJOR COLLECTOR (COUNTY) |
| INDIANA AVE-URBAN PRINCIPAL ARTERIAL (MODIFIED) (COUNTY) |
| UNIVERSITY AVE-URBAN MINOR ARTERIAL (COUNTY) |
| AVE P-URBAN COLLECTOR (COUNTY) |
| CR 2330-URBAN COLLECTOR (COUNTY) |
| SL 493-RURAL MINOR ARTERIAL (TXDOT) |

| DESIGN SPEED | |
|---|---|
| WOODROW RD: | 45 MPH |
| SLIDE RD: | 60 MPH |
| QUAKER AVE: | 45 MPH |
| INDIANA AVE: | 45 MPH |
| UNIVERSITY AVE: | 50 MPH |
| AVE P: | 40 MPH |
| CR 2330: | 40 MPH |
| SL 493: | 50 MPH |

## LEGEND

| Symbol | Description | Symbol | Description |
|---|---|---|---|
| -·-·-·- | PROPOSED RIGHT OF WAY | 🟩 | PROPOSED ASPHALT |
| -·-·-·- | PROPOSED DRAINAGE EASEMENT | 🟪 | PROPOSED SIDEWALK |
| -·-·-·- | EXISTING RIGHT OF WAY | ▩ | PROPOSED CONCRETE/DRIVEWAY |
| —·—·— | EXISTING SECTIONLINE | 🟦 | PROPOSED CONCRETE CHANNEL |
| - - - - - | EXISTING LOT LINES | 🟫 | PROPOSED EARTH CHANNEL |
| —x—x— | EXISTING FENCE | ▨ | PROPOSED ASPHALT REMOVAL |
| —▶— | DITCH FLOW LINE | ▒ | FUTURE IMPROVEMENTS |
| —OE— | OVERHEAD ELECTRIC | 🟧 | FUTURE DRIVEWAY |
| —S— | BURIED SEWER | ▭ | CABLE PEDESTAL |
| —W— | BURIED WATER | E | ELECTRIC HANDHOLE |
| —C1— | AT&T (FO/DUCT) | ● | ELECTRIC POLE |
| —C2— | FIBERLIGHT (FO/DUCT) | F | FIBER HANDHOLE |
| —C3— | NTS COMM. (FO/DUCT) | GM | GAS METER |
| —C4— | NTS COMM. (CTV) | TS | GAS TEST STATION |
| —C5— | SOUTHPLAINS (FO/DUCT) | ⊗ | GAS VENT PIPE (GAS RISER) |
| —C6— | SOUTHPLAINS (TELE) | ⊙ | GENERIC VALVE COVER |
| —C7— | SUDDENLINK (FO/DUCT) | ▭ | GENERIC JUNCTION BOX |
| —C8— | SUDDENLINK (CTV) | → | GUY ANCHOR |
| —Ⓒ2— | FIBERLIGHT (FO/DUCT) | SP | SIGNAL POLE |
| —Ⓒ3— | NTS COMM. (FO/DUCT) | SB | SIGNAL HANDHOLE/BOX |
| —Ⓒ5— | SOUTHPLAINS (FO/DUCT) | M | TELEPHONE PEDESTAL |
| —E2— | SOUTHPLAINS ELECTRIC | ▬ | TELEPHONE JUNCTION BOX |
| —G2— | ATMOS | ≀ | UTILITY CONTINUATION |
| —G1— | WEST TX GAS | ⊛ | WATER METER |
| —Ⓖ1— | ATMOS | ⋈ | WATER VALVE |
| —TS1— | TXDOT TRAFFIC SIGNAL | ▣ | WATER VAULT |
| —SD1— | CITY OF LUBBOCK STORM DRAIN | ~→ | DRAINAGE FLOW DIRECTION |
| | | ● | PROPOSED SIGNAL POLE |

ROLL 3 OF 6

SHEET INDEX:
- ROLL 1: TYPICAL SECTIONS
  - SUPERELEVATION DATA
  - ALIGNMENT DATA
  - PLAN AND PROFILE BEGIN PROJECT TO STA 1125+00
- ROLL 2: PLAN AND PROFILE STA 1125+00 TO STA 1229+00
- ROLL 3: PLAN AND PROFILE STA 1229+00 TO END PROJECT
  - TRAFFIC DATA
- ROLL 4: TYPICAL SECTIONS
  - ALIGNMENT DATA
  - PLAN AND PROFILE FOR SLIDE RD, QUAKER AVE, AND INDIANA AVE
- ROLL 5: TYPICAL SECTIONS
  - ALIGNMENT DATA
  - PLAN AND PROFILE FOR UNIVERSITY AVE, AVE P, AND CR 2330
- ROLL 6: TYPICAL SECTIONS
  - ALIGNMENT DATA
  - PLAN AND PROFILE FOR SL 493

Kimley»Horn
F-928

THESE PRELIMINARY DOCUMENTS ARE TO BE RELEASED FOR INFORMATIONAL PURPOSES AND ARE NOT INTENDED FOR CONSTRUCTION. THEY WERE PREPARED FOR THE TEXAS DEPARTMENT OF TRANSPORTATION UNDER THE SUPERVISION OF:

Sean Cudnoski

SEAN CUDNOSKI, P.E. DATE: FEBRUARY 19, 2021
TEXAS NUMBER: 93766

0 100' 200'
HORIZONTAL GRAPHIC SCALE:
1" = 100'

0 10' 20'
VERTICAL GRAPHIC SCALE:
1" = 10'

AERIAL IMAGERY PROVIDER: NEARMAP
AERIAL IMAGERY DATE: JULY 2020
TOPOGRAPHICAL DATA DATE: NOVEMBER, 2019

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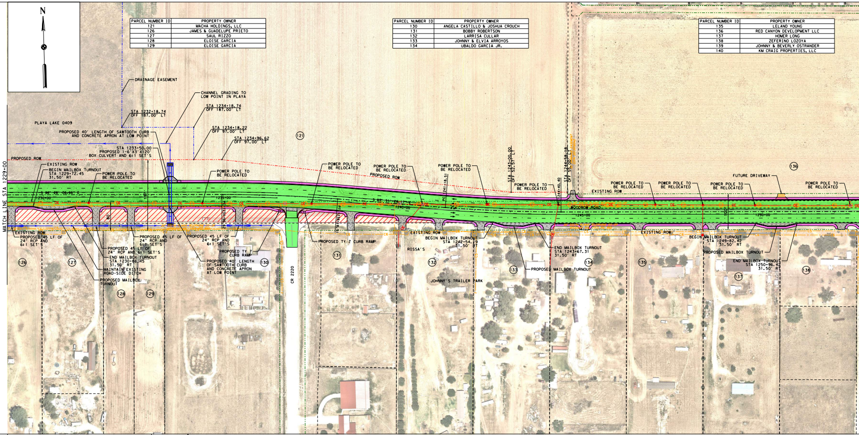
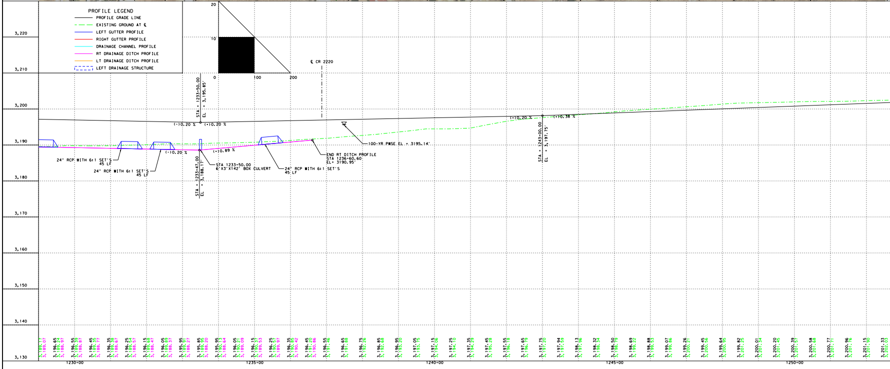

N
DRAINAGE EASEMENT
CHANNEL GRADING TO LOW POINT IN PLAYA
STA 1232+18.74 OFF 187.00' LT
STA 1234+18.74 OFF 187.00' LT
STA 1234+18.22 OFF 97.00' LT
STA 1234+96.62 OFF 97.00' LT
PLAYA LAKE 0409
PROPOSED 40' LENGTH OF SAWTOOTH CURB AND CONCRETE APRON AT LOW POINT
STA 1233+50.00 PROPOSED 1-6'X3'X120' BOX CULVERT AND 6:1 SET'S
PROPOSED ROW
EXISTING ROW
BEGIN MAILBOX TURNOUT STA 1229+72.45 31.50' RT
POWER POLE TO BE RELOCATED
PROPOSED ROW
MATCH LINE STA 1229+00
EXISTING ROW
PROPOSED 45 LF OF 24" RCP AND 6:1 SET'S
PROPOSED 45 LF OF 24" RCP AND 6:1 SET'S
END MAILBOX TURNOUT STA 1230+66.45 31.50' RT
MAINTAIN EXISTING ROAD-SIDE DITCH
PROPOSED MAILBOX TURNOUT
PROPOSED TY 7 CURB RAMP
PROPOSED 40' LENGTH OF SAWTOOTH CURB AND CONCRETE APRON AT LOW POINT
PROPOSED TY 7 CURB RAMP
CR 2220
RISSA'S
JOHNNY'S TRAILER PARK
BEGIN MAILBOX TURNOUT STA 1242+54.19 31.50' RT
END MAILBOX TURNOUT STA 1243+67.31 31.50' RT
PROPOSED MAILBOX TURNOUT
STA 1243+00.00 OFF 32.37' LT
WOODROW ROAD
FUTURE DRIVEWAY
EXISTING ROW
BEGIN MAILBOX TURNOUT STA 1249+82.42 31.50' RT
PROPOSED MAILBOX TURNOUT
END MAILBOX TURNOUT STA 1250+96.42 31.50' RT
1230+00
1235+00
1240+00
1245+00
1250+00
121
126
127
128
129
130
131
132
133
134
135
136
137
138
139

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 121 | MACHA HOLDINGS, LLC |
| 126 | JAMES & GUADELUPE PRIETO |
| 127 | SAUL RIZZO |
| 128 | ELOISE GARCIA |
| 129 | ELOISE GARCIA |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 130 | ANGELA CASTILLO & JOSHUA CROUCH |
| 131 | BOBBY ROBERTSON |
| 132 | LARRISA CULLAR |
| 133 | JOHNNY & ELVIA ARROYOS |
| 134 | UBALDO GARCIA JR. |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 135 | LELAND YOUNG |
| 136 | RED CANYON DEVELOPMENT LLC |
| 137 | HOMER LONG |
| 138 | ZEFERINO LOZOYA |
| 139 | JOHNNY & BEVERLY OSTRANDER |
| 140 | KM CRAIG PROPERTIES, LLC |



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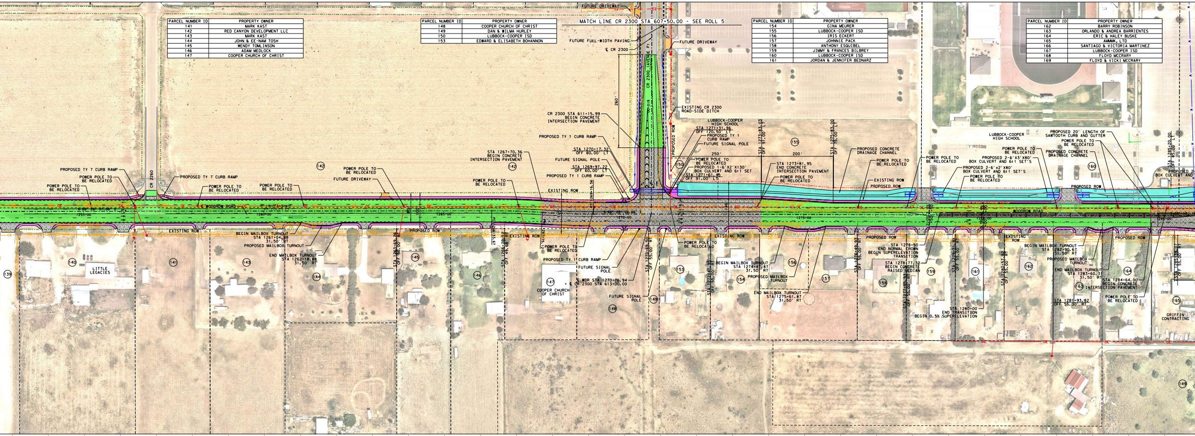
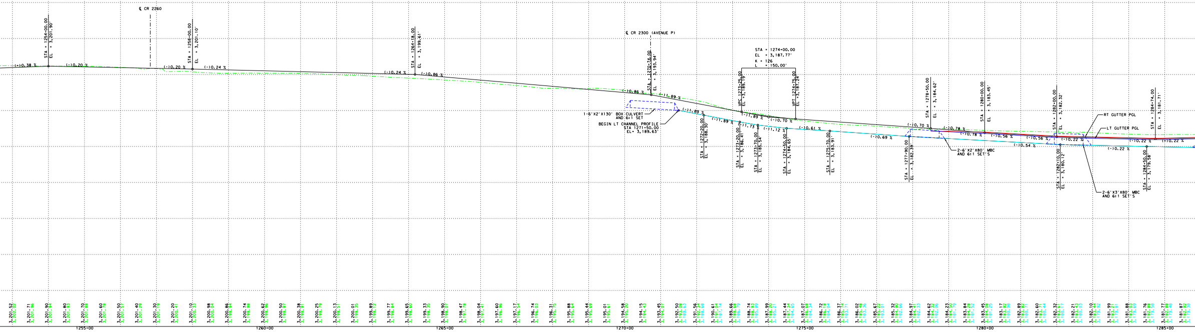

MATCH LINE CR 2300 STA 607+50.00 - SEE ROLL 5
FUTURE DRIVEWAY
FUTURE FULL-WIDTH PAVING
℄ CR 2300
CR 2300 (AVENUE P)
EXISTING CR 2300 ROAD-SIDE DITCH
CR 2300 STA 611+15.99 BEGIN CONCRETE INTERSECTION PAVEMENT
PROPOSED TY 1 CURB RAMP
STA 1267+70.36 BEGIN CONCRETE INTERSECTION PAVEMENT
FUTURE SIGNAL POLE
STA 1270+17.32 OFF 80.00' LT
STA 1269+97.22 OFF 60.00' LT
LUBBOCK-COOPER HIGH SCHOOL
STA 1271+31.96 OFF 120.50' LT
STA 1271+61.45 OFF 91.00' LT
PROPOSED 1-6'X2'X130' BOX CULVERT AND 6:1 SET
STA 1273+81.95 END CONCRETE INTERSECTION PAVEMENT
PROPOSED CONCRETE DRAINAGE CHANNEL
POWER POLE TO BE RELOCATED
EXISTING ROW
PROPOSED ROW
PROPOSED TY 7 CURB RAMP
CR 2260
FUTURE DRIVEWAY
WOODROW ROAD
BEGIN MAILBOX TURNOUT STA 1261+04.88 31.50' RT
PROPOSED MAILBOX TURNOUT
END MAILBOX TURNOUT STA 1262+18.88 31.50' RT
LITTLE LEGACIES
COOPER CHURCH OF CHRIST
℄ WDR STA 1270+76.94 ℄ CR 2300 STA 613+00.00
BEGIN MAILBOX TURNOUT STA 1274+41.87 31.50' RT
END MAILBOX TURNOUT STA 1275+61.87 31.50' RT
STA 1278+50 END NORMAL CROWN BEGIN SUPERELEVATION TRANSITION
STA 1278+77.32 BEGIN CONCRETE RAISED MEDIAN
STA 1280+00 END TRANSITION BEGIN 0.5% SUPERELEVATION
PROPOSED 2-6'X3'X80' BOX CULVERT AND 6:1 SET'S
PROPOSED 2-6'X2'X80' BOX CULVERT AND 6:1 SET'S
PROPOSED 20' LENGTH OF SAWTOOTH CURB AND GUTTER
BEGIN MAILBOX TURNOUT STA 1282+90.67 31.50' RT
END MAILBOX TURNOUT STA 1283+60.31 31.50' RT
STA 1284+64.00 BEGIN CONCRETE INTERSECTION PAVEMENT
STA 1281+93.82 OFF 55.00' RT
GRIFFIN CONTRACTING
250'
200'
260'
1255+00
1260+00
1265+00
1270+00
1275+00

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 141 | MARK KAST |
| 142 | RED CANYON DEVELOPMENT LLC |
| 143 | MARK KAST |
| 144 | JOHN & EE-NAM TOSH |
| 145 | WENDY TOMLINSON |
| 146 | ADAM MEDLOCK |
| 147 | COOPER CHURCH OF CHRIST |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 148 | COOPER CHURCH OF CHRIST |
| 149 | DAN & WILMA HURLEY |
| 150 | LUBBOCK-COOPER ISD |
| 153 | EDWARD & ELISABETH BOHANNON |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 154 | GINA MEURER |
| 155 | LUBBOCK-COOPER ISD |
| 156 | IRIS ECKERT |
| 157 | JOHNNIE PACK |
| 158 | ANTHONY ESQUIBEL |
| 159 | JIMMY & FRANCES BILBREY |
| 160 | LUBBOCK-COOPER ISD |
| 161 | JORDAN & JENNIFER BEDNARZ |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 162 | BARRY ROBINSON |
| 163 | ORLANDO & ANDREA BARRIENTES |
| 164 | ERIC & HALEY BUSKE |
| 165 | AMMMK, LTD |
| 166 | SANTIAGO & VICTORIA MARTINEZ |
| 167 | LUBBOCK-COOPER ISD |
| 168 | FLOYD MCCRARY |
| 169 | FLOYD & VICKI MCCRARY |


℄ CR 2260
℄ CR 2300 (AVENUE P)
STA = 1254+00.00 EL = 3,201.90'
STA = 1258+00.00 EL = 3,201.10'
STA = 1264+18.00 EL = 3,199.61'
STA = 1270+74.00 EL = 3,193.94
STA = 1274+00.00 EL = 3,187.77' K = 126 L = 150.00'
STA = 1278+50.00 EL = 3,184.62'
STA = 1280+00.00 EL = 3,183.45'
STA = 1282+00.00 EL = 3,182.32'
STA = 1284+74.00 EL = 3,181.71'
(+)0.38 %
(-)0.20 %
(-)0.24 %
(-)0.86 %
(-)1.89 %
(-)0.70 %
(-)0.78 %
(-)0.56 %
(-)0.22 %
(-)0.61 %
(-)0.69 %
(-)0.54 %
1-6'X2'X130' BOX CULVERT AND 6:1 SET
BEGIN LT CHANNEL PROFILE STA 1271+50.00 EL= 3,189.63'
2-6'X2'X80' MBC AND 6:1 SET'S
2-6'X3'X80' MBC AND 6:1 SET'S
RT GUTTER PGL
LT GUTTER PGL
1255+00
1260+00
1265+00
1270+00
1275+00
1280+00
1285+00

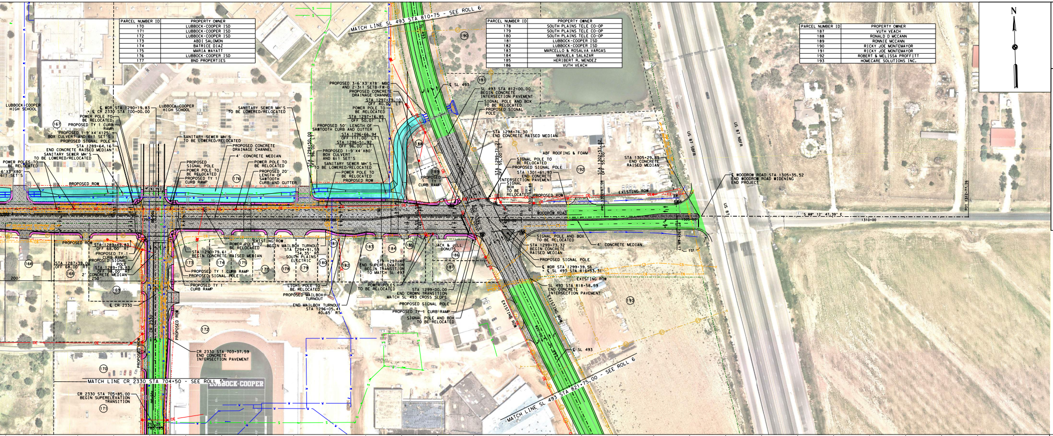
| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 170 | LUBBOCK-COOPER ISD |
| 171 | LUBBOCK-COOPER ISD |
| 172 | LUBBOCK-COOPER ISD |
| 173 | ABDI SALOMON |
| 174 | BATRICE DIAZ |
| 175 | MARIA WAYATT |
| 176 | LUBBOCK-COOPER ISD |
| 177 | BND PROPERTIES |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 178 | SOUTH PLAINS TELE CO-OP |
| 179 | SOUTH PLAINS TELE CO-OP |
| 180 | SOUTH PLAINS TELE CO-OP |
| 181 | LUBBOCK-COOPER ISD |
| 182 | LUBBOCK-COOPER ISD |
| 183 | MARCELLO & ROSALVA VARGAS |
| 184 | MANUELA SALAZAR |
| 185 | HERIBERT R. MENDEZ |
| 186 | VUTH VEACH |

| PARCEL NUMBER ID | PROPERTY OWNER |
|---|---|
| 187 | VUTH VEACH |
| 188 | RONALD D MCCANN |
| 189 | RONNIE MCCANN |
| 190 | RICKY JOE MONTEMAYOR |
| 191 | RICKY JOE MONTEMAYOR |
| 192 | ROBERT & MELISSA PROFFITT |
| 193 | HOMECARE SOLUTIONS INC. |

LEGEND

1000 2022 ADT
1000 2042 ADT
1000 2052 ADT
→ DIRECTION OF TRAFFIC FLOW


MATCH LINE SL 493 STA 810+75 - SEE ROLL 6
LUBBOCK-COOPER HIGH SCHOOL
LUBBOCK-COOPER HIGH SCHOOL
℄ WDR STA 1290+19.83 = ℄ CR 2330 STA 700+00.00
POWER POLE TO BE RELOCATED
PROPOSED TY 1 CURB RAMP
PROPOSED 1-9'X4'X125' BOX CULVERT AND 6:1 SET'S
PROPOSED SIGNAL POLE
STA 1289+64.16 END CONCRETE RAISED MEDIAN
SANITARY SEWER MH'S TO BE LOWERED/RELOCATED
POWER POLES TO BE RELOCATED
6'X3'X80' 6:1 SET'S
PROPOSED ROW
SANITARY SEWER MH'S TO BE LOWERED/RELOCATED
PROPOSED CONCRETE DRAINAGE CHANNEL
4' CONCRETE MEDIAN
PROPOSED SIGNAL POLE
POWER POLE TO BE RELOCATED
PROPOSED TY 1 CURB RAMP
POWER POLE TO BE RELOCATED
PROPOSED 20' LENGTH OF SAWTOOTH CURB AND GUTTER
SANITARY SEWER MH'S TO BE LOWERED/RELOCATED
STA 1294+50.00 OFF 96.00' LT
PROPOSED 3-6'X3'X78' MBC AND 2-3:1 SETB-FW-0
PROPOSED CONCRETE DRAINAGE CHANNEL
STA 1297+79.10 OFF 40.00' LT
POWER POLE TO BE RELOCATED
STA 1297+16.85 OFF 50.07' LT
PROPOSED 50' LENGTH OF SAWTOOTH CURB AND GUTTER
STA 1296+66.94 OFF 111.00' LT
STA 1296+51.92 OFF 96.00' LT
PROPOSED 1-9'X4'X80' BOX CULVERT AND 6:1 SET'S
SANITARY SEWER MH'S TO BE LOWERED/RELOCATED
POWER POLE TO BE RELOCATED
PROPOSED ROW
PROPOSED TY 1 CURB RAMP
℄ SL 493
SL 493 STA 812+00.00 BEGIN CONCRETE INTERSECTION PAVEMENT
SIGNAL POLE AND BOX TO BE RELOCATED
PROPOSED SIGNAL POLE
STA 1298+76.30 END CONCRETE RAISED MEDIAN
ABF ROOFING & FOAM
STA 1299+71.21 OFF 55.00' LT
STA 1302+57.82 OFF 55.00' LT
SIGNAL POLE TO BE RELOCATED
PROPOSED SIGNAL POLE
STA 1301+61.93 END CONCRETE INTERSECTION PAVEMENT
SIGNAL BOX TO BE RELOCATED
PROPOSED ROW
EXISTING ROW
STA 1305+29.89 END CONCRETE RAISED MEDIAN
℄ WOODROW ROAD STA 1305+35.52 END WOODROW ROAD WIDENING END PROJECT
US 87 SBFR
US 87 NBFR
US 87
WOODROW ROAD
℄ 88° 12' 47.39" E
1310+00
POT 1312+77.26
PROPOSED ROW
STA 1289+49.83 OFF 68.00' RT
PROPOSED TY 1 CURB RAMPS
PROPOSED SIGNAL POLE
STA 1289+79.83 OFF 98.00' RT
2' CONCRETE MEDIAN
250'
200'
STA 1287+39.00 OFF 68.00' RT
STA 1290+79.61 BEGIN CONCRETE RAISED MEDIAN
POWER POLE TO BE RELOCATED
EXISTING ROW
BEGIN MAILBOX TURNOUT STA 1294+91.59 34.35' RT
SOUTH PLAINS ELECTRIC
PROPOSED TY 1 CURB RAMP
PROPOSED SIGNAL POLE
PROPOSED TY 1 CURB RAMP
LIGHT POLE TO BE RELOCATED
PROPOSED MAILBOX TURNOUT
END MAILBOX TURNOUT STA 1296+05.41 40.65' RT
STA 1297+49 END SUPERELEVATION BEGIN TRANSITION TO MATCH SL 493
POWER POLES TO BE RELOCATED
STA 1299+00.00 END CROWN TRANSITION MATCH SL 493 CROSS SLOPE
PROPOSED SIGNAL POLE
PROPOSED TY 1 CURB RAMP
SIGNAL POLE AND BOX TO BE RELOCATED
JACK & JILL DONUTS
SIGNAL POLE AND BOX TO BE RELOCATED
STA 1299+73.32 BEGIN CONCRETE RAISED MEDIAN
PROPOSED SIGNAL POLE
℄ WDR STA 1299+39.56 = ℄ SL 493 STA 816+53.31
4' CONCRETE MEDIAN
EXISTING ROW
SL 493 STA 818+58.59 END CONCRETE INTERSECTION PAVEMENT
EXISTING ROW
EXISTING ROW
℄ SL 493
℄ CR 2330
CR 2330
PROPOSED ROW
PROPOSED ROW
CR 2330 STA 703+37.59 END CONCRETE INTERSECTION PAVEMENT
MATCH LINE CR 2330 STA 704+50 - SEE ROLL 5
CR 2330 STA 705+85.00 BEGIN SUPERELEVATION TRANSITION
LUBBOCK-COOPER
MATCH LINE SL 493 STA 821+75.00 - SEE ROLL 6
166
167
168
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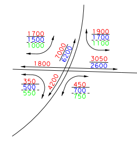
SLIDE RD.


1700
1500
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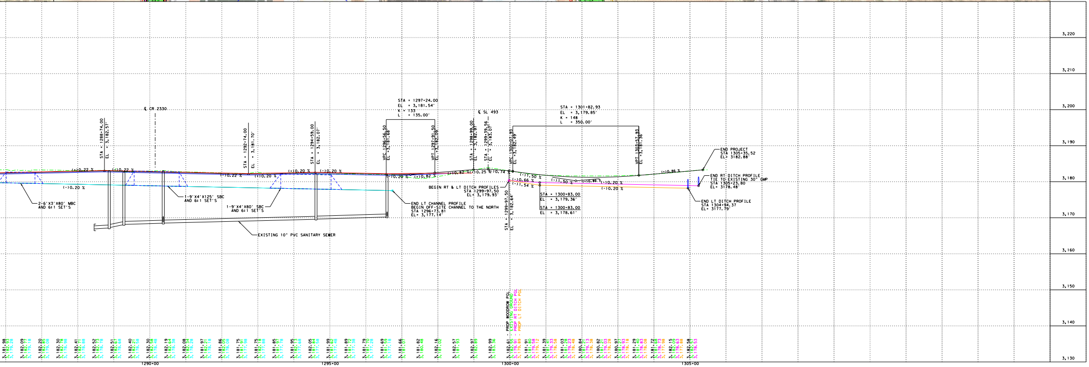
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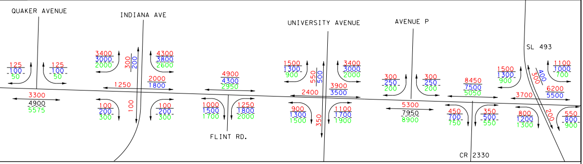
3,210
3,200
3,190
3,180
3,170
3,160
3,150
3,140
3,130
1290+00
1295+00
1300+00
1305+00
℄ CR 2330
STA = 1288+74.00 EL = 3,182.57'
STA = 1292+74.00 EL = 3,181.70'
STA = 1294+59.00 EL = 3,182.07'
VPC 1296+56.50 EL = 3,181.68'
STA = 1297+24.00
EL = 3,181.54'
K = 133
L = 135.00'
VPT 1297+91.50 EL = 3,182.09'
STA = 1298+99.00 EL = 3,182.97'
℄ SL 493
STA = 1299+39.56 EL = 3,183.07'
VPC 1300+07.93 EL = 3,182.49'
STA = 1301+82.93
EL = 3,179.85'
K = 148
L = 350.00'
VPT 1303+57.93 EL = 3,181.36'
(+)0.22 %
(-)0.22 %
(-)0.20 %
(-)0.22 %
(+)0.20 %
(+)0.20 %
(-)0.20 %
(-)0.20 %
(+)0.82 %
(+)0.82 %
(+)0.25 %
(-)0.74 %
(-)1.50 %
(-)0.66 %
(-)1.54 %
(-)1.50 %
(+)0.86 %
(-)0.20 %
(-)0.20 %
(+)0.86 %
2-6'X3'X80' MBC AND 6:1 SET'S
1-9'X4'X125' SBC AND 6:1 SET'S
1-9'X4'X80' SBC AND 6:1 SET'S
EXISTING 10" PVC SANITARY SEWER
END LT CHANNEL PROFILE BEGIN OFF-SITE CHANNEL TO THE NORTH STA 1296+73.81 EL= 3,177.14'
BEGIN RT & LT DITCH PROFILES STA 1299+97.50 EL= 3,179.93'
STA = 1299+97.50 EL = 3,182.64'
STA = 1300+83.00 EL = 3,179.36'
STA = 1300+83.00 EL = 3,178.61'
END PROJECT STA 1305+35.52 EL= 3182.88'
END RT DITCH PROFILE TIE TO EXISTING 30" CMP STA 1305+23.80 EL= 3178.48'
END LT DITCH PROFILE STA 1304+94.37 EL= 3177.79'
PROP WOODROW PGL
PROP RT DITCH PGL
PROP LT DITCH PGL

NTS

TRAFFIC NOTES:
1. 2022, 2042 AND 2052 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG CR WOODROW FROM FM 1730 TO LOOP 493.
2. K-FACTOR = 11.5
3. DIRECTIONAL DISTRIBUTION = 54%-46%
4. PERCENT TRUCKS (ADT) = 4.7%
5. ESALs (RIGID) = 814,000


QUAKER AVENUE
125
100
50
125
100
50
3300
4900
5575
INDIANA AVE
3400
3000
2000
300
200
4300
3800
2600
1250
2000
1800
100
200
300
100
100
200
300
4900
4300
2950
1000
1500
1700
1250
1800
2000
FLINT RD.
UNIVERSITY AVENUE
1500
1300
900
550
500
3400
3000
2000
2400
3900
3500
900
1300
1500
350
1100
1700
1900
AVENUE P
300
250
200
300
250
200
5300
7950
8900
8450
7500
5050
450
700
750
350
500
550
CR 2330
SL 493
1500
1300
900
300
400
1100
1000
700
3700
6200
5500
800
1200
1300
200
550
800
900

# LUBBOCK COUNTY

## HONORABLE CURTIS PARRISH
## LUBBOCK COUNTY JUDGE

## TEXAS DEPARTMENT OF TRANSPORTATION
## LUBBOCK DISTRICT

**STEVEN P. WARREN, P.E., DISTRICT ENGINEER**

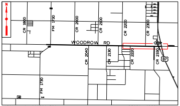
# WOODROW ROAD
## FROM: FM 1730
## TO: US 87

FINAL DESIGN SCHEMATIC
FEBRUARY 19, 2021

CSJ: 0905-06-115 = 2.13 MILES
WOODROW RD CL STA 1048+00 TO STA 1160+59.26
CSJ: 0905-06-116 = 2.74 MILES
WOODROW RD CL STA 1160+59.26 TO STA 1305+35.52
TOTAL PROJECT LENGTH = 4.87 MILES

CONSTRUCTION OF: ROADWAY WIDENING FROM 0.2 MILES WEST OF FM 1730 TO US 87

CONSISTING OF: GRADING, CURB AND GUTTER, PAVING, STRUCTURES, DRAINAGE IMPROVEMENTS, SIGNING AND PAVEMENT MARKINGS


N
CR 1800
FM 1730
CR 2000
CR 2100
CR 2200
CR 2300
WOODROW RD
CR 2040
CR 2130
CR 2220
CR 2330
87
FM 1730

FUNCTIONAL CLASSIFICATION:
WOODROW RD-URBAN PRINCIPAL ARTERIAL (MODIFIED) (COUNTY)
SLIDE RD-URBAN MINOR ARTERIAL (TXDOT)
QUAKER AVE-URBAN MAJOR COLLECTOR (COUNTY)
INDIANA AVE-URBAN PRINCIPAL ARTERIAL (MODIFIED) (COUNTY)
UNIVERSITY AVE-URBAN MINOR ARTERIAL (COUNTY)
AVE P-URBAN COLLECTOR (COUNTY)
CR 2330-URBAN COLLECTOR (COUNTY)
SL 493-RURAL MINOR ARTERIAL (TXDOT)

| DESIGN SPEED | |
|---|---|
| WOODROW RD: | 45 MPH |
| SLIDE RD: | 60 MPH |
| QUAKER AVE: | 45 MPH |
| INDIANA AVE: | 45 MPH |
| UNIVERSITY AVE: | 50 MPH |
| AVE P: | 40 MPH |
| CR 2330: | 40 MPH |
| SL 493: | 50 MPH |

LEGEND

| | | | |
|---|---|---|---|
| -·-·-·- | PROPOSED RIGHT OF WAY | 🟩 | PROPOSED ASPHALT |
| -·-·-·- | PROPOSED DRAINAGE EASEMENT | 🟪 | PROPOSED SIDEWALK |
| -·-·-·- | EXISTING RIGHT OF WAY | ▒ | PROPOSED CONCRETE/DRIVEWAY |
| —·—·— | EXISTING SECTIONLINE | 🟦 | PROPOSED CONCRETE CHANNEL |
| - - - - - | EXISTING LOT LINES | 🟫 | PROPOSED EARTH CHANNEL |
| —x—x— | EXISTING FENCE | ▨ | PROPOSED ASPHALT REMOVAL |
| —►— | DITCH FLOW LINE | ▭ | FUTURE IMPROVEMENTS |
| —OE— | OVERHEAD ELECTRIC | 🟧 | FUTURE DRIVEWAY |
| —S— | BURIED SEWER | ▭ | CABLE PEDESTAL |
| —W— | BURIED WATER | E | ELECTRIC HANDHOLE |
| —C1— | AT&T (FO/DUCT) | ● | ELECTRIC POLE |
| —C2— | FIBERLIGHT (FO/DUCT) | F | FIBER HANDHOLE |
| —C3— | NTS COMM. (FO/DUCT) | GM | GAS METER |
| —C4— | NTS COMM. (CTV) | TS | GAS TEST STATION |
| —C5— | SOUTHPLAINS (FO/DUCT) | ⊗ | GAS VENT PIPE (GAS RISER) |
| —C6— | SOUTHPLAINS (TELE) | ⊙ | GENERIC VALVE COVER |
| —C7— | SUDDENLINK (FO/DUCT) | ▭ | GENERIC JUNCTION BOX |
| —C8— | SUDDENLINK (CTV) | → | GUY ANCHOR |
| —(C2)— | FIBERLIGHT (FO/DUCT) | ⊗ | SIGNAL POLE |
| —(C3)— | NTS COMM. (FO/DUCT) | SB | SIGNAL HANDHOLE/BOX |
| —(C5)— | SOUTHPLAINS (FO/DUCT) | T | TELEPHONE PEDESTAL |
| —E2— | SOUTHPLAINS ELECTRIC | ▬ | TELEPHONE JUNCTION BOX |
| —G2— | ATMOS | / | UTILITY CONTINUATION |
| —G1— | WEST TX GAS | ⊛ | WATER METER |
| —(G1)— | ATMOS | ⋈ | WATER VALVE |
| —TS1— | TXDOT TRAFFIC SIGNAL | ▣ | WATER VAULT |
| —SD1— | CITY OF LUBBOCK STORM DRAIN | ⁓► | DRAINAGE FLOW DIRECTION |
| | | ● | PROPOSED SIGNAL POLE |

ROLL 3 OF 6

SHEET INDEX:
ROLL 1: TYPICAL SECTIONS
SUPERELEVATION DATA
ALIGNMENT DATA
PLAN AND PROFILE BEGIN PROJECT TO STA 1125+00
ROLL 2: PLAN AND PROFILE STA 1125+00 TO STA 1229+00
ROLL 3: PLAN AND PROFILE STA 1229+00 TO END PROJECT
TRAFFIC DATA
ROLL 4: TYPICAL SECTIONS
ALIGNMENT DATA
PLAN AND PROFILE FOR SLIDE RD, QUAKER AVE, AND INDIANA AVE
ROLL 5: TYPICAL SECTIONS
ALIGNMENT DATA
PLAN AND PROFILE FOR UNIVERSITY AVE, AVE P, AND CR 2330
ROLL 6: TYPICAL SECTIONS
ALIGNMENT DATA
PLAN AND PROFILE FOR SL 493

F-928

THESE PRELIMINARY DOCUMENTS ARE TO BE RELEASED FOR INFORMATIONAL PURPOSES AND ARE NOT INTENDED FOR CONSTRUCTION. THEY WERE PREPARED FOR THE TEXAS DEPARTMENT OF TRANSPORTATION UNDER THE SUPERVISION OF:

Sean Cudnoski

SEAN CUDNOSKI, P.E. DATE: FEBRUARY 19, 2021
TEXAS NUMBER: 93766

0 100' 200'
HORIZONTAL GRAPHIC SCALE:
1" = 100'

0 10' 20'
VERTICAL GRAPHIC SCALE:
1" = 10'

AERIAL IMAGERY PROVIDER: NEARMAP
AERIAL IMAGERY DATE: JULY 2020
TOPOGRAPHICAL DATA DATE: NOVEMBER, 2019

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