TEXAS DEPARTMENT OF TRANSPORTATION®

DALLAS DISTRICT
MOHAMED K. (MO) BUR, P.E., DISTRICT ENGINEER

FM 2931
DESIGN SCHEMATIC

DENTON COUNTY, TEXAS

FROM FM 428 TO US 380
CSJ: 2979-01-011
LENGTH: 6.58 MILES

100% SCHEMATIC

MAY 12, 2022

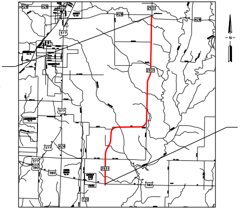
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 2931	45 MPH	URBAN MAJOR COLLECTOR
CROSS STREETS	35 MPH	LOCAL STREETS

INDEX OF SHEETS

ROLL 1 OF 4:	PLAN VIEW BEGIN PROJECT TO STA. 1254+00.00
ROLL 2 OF 4:	PLAN VIEW STA. 1254+00.00 TO STA. 1345+00.00
ROLL 3 OF 4:	PLAN VIEW STA. 1345+00.00 TO STA. 1428+00.00
ROLL 4 OF 4:	PLAN VIEW STA. 1428+00.00 TO END PROJECT

ROLL 1 OF 4

BEGIN PROJECT
CSJ: 2979-01-011
FM 2931
STA 1166+93.00


428
2931
377
380
424
720
N

END PROJECT
CSJ: 2979-01-011
FM 2931
STA 1514+66.52

LOCATION MAP
MILES
0 1 2

LEGEND

— - -	EXISTING ROW	▭	PROPOSED PAVEMENT
— - -	PROPOSED ROW	▭	PROPOSED SHARED USE PATH/DRIVEWAY
— - -	EXISTING DRAINAGE EASEMENT	■	PROPOSED ASPHALT TIE-IN
- - - -	EXISTING PROPERTY LINES	🟧	PROPOSED BRIDGE
— - -	CENTERLINE/BASELINE	🟩	PROPOSED MEDIAN
— —	EXISTING CULVERT	—	PROPOSED RETAINING WALL
— - -	EXISTING PARCEL LINE	═	PROPOSED CULVERT
→	DIRECTION OF TRAVEL	←	PROPOSED DITCH
Ⓧ	PARCEL IDENTIFIER NUMBER	┴┴┴	PROPOSED GUARDRAIL
▭	LIMITS OF FLOOD PLAIN	—	PROPOSED NOISE WALL (POTENTIAL)
—560—	EXISTING 5' INTERVAL CONTOUR	▨	REMOVAL
		⤳	FLOW ARROW
		▭	ADA RAMP

DENTON COUNTY, TEXAS

TEXAS COUNTY MAP
N.T.S.

PRELIMINARY
FOR INTERIM REVIEW ONLY
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES.

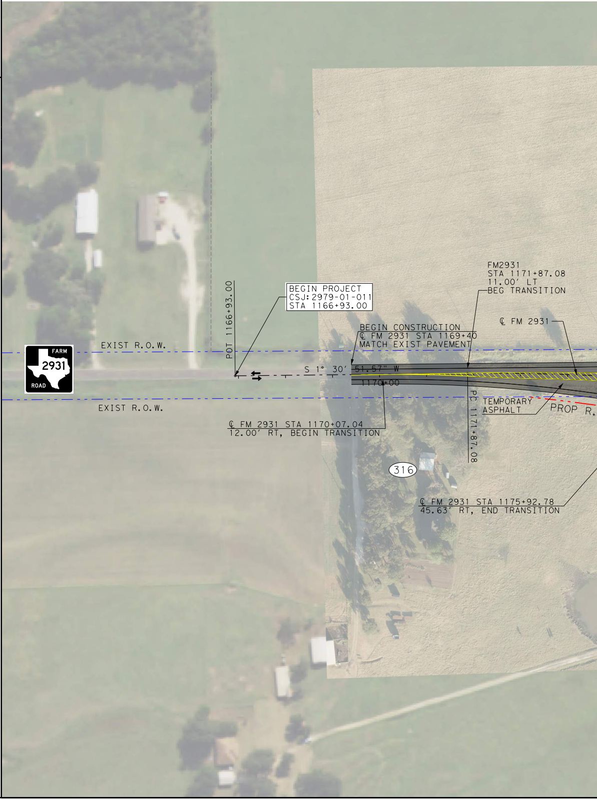
0 50 100
GRAPHIC SCALE IN FEET

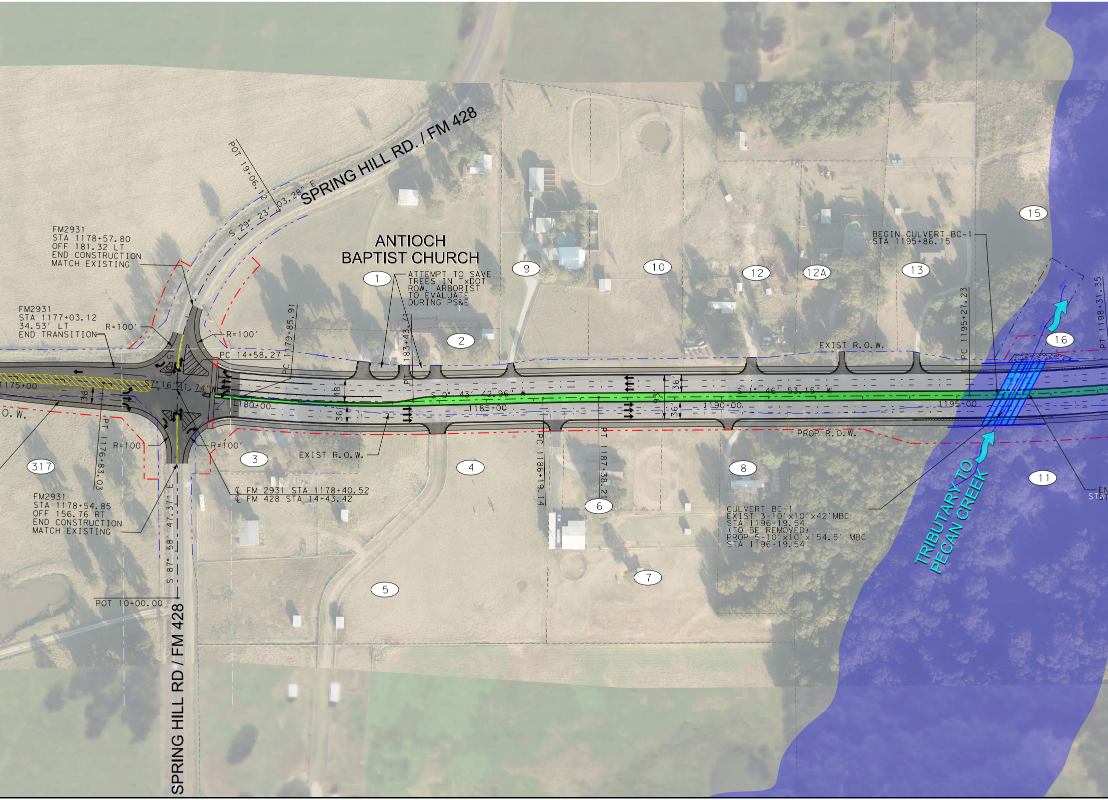
PREPARED BY JACOBS ENGINEERING GROUP, INC.
REGISTRATION F-2966
UNDER THE SUPERVISION OF
DOUGLAS CRAIG BOWEN, P.E.

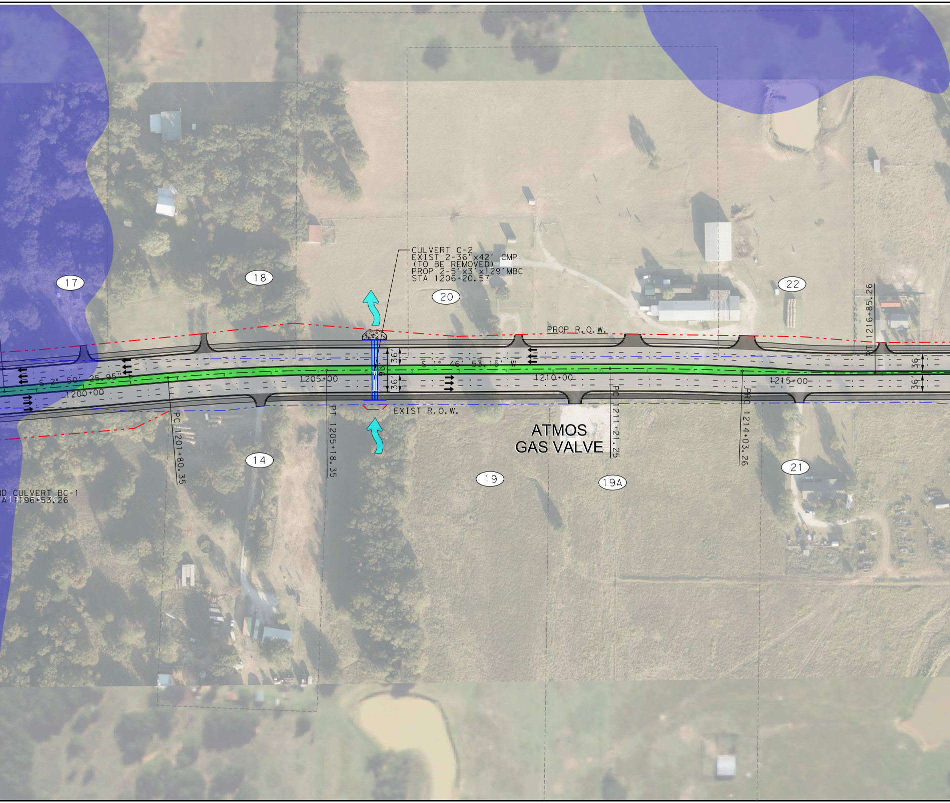
LICENSE NO. 87638 5-12-2022

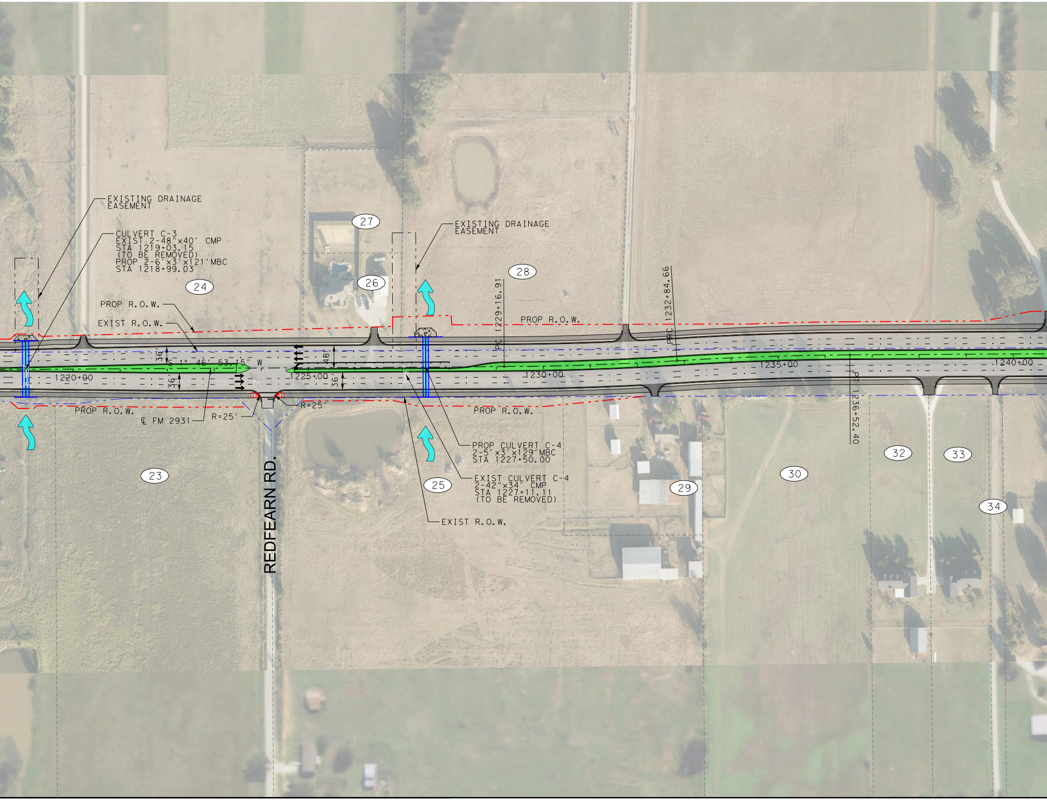
Jacobs
1999 BRYAN STREET, SUITE 1200
DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966

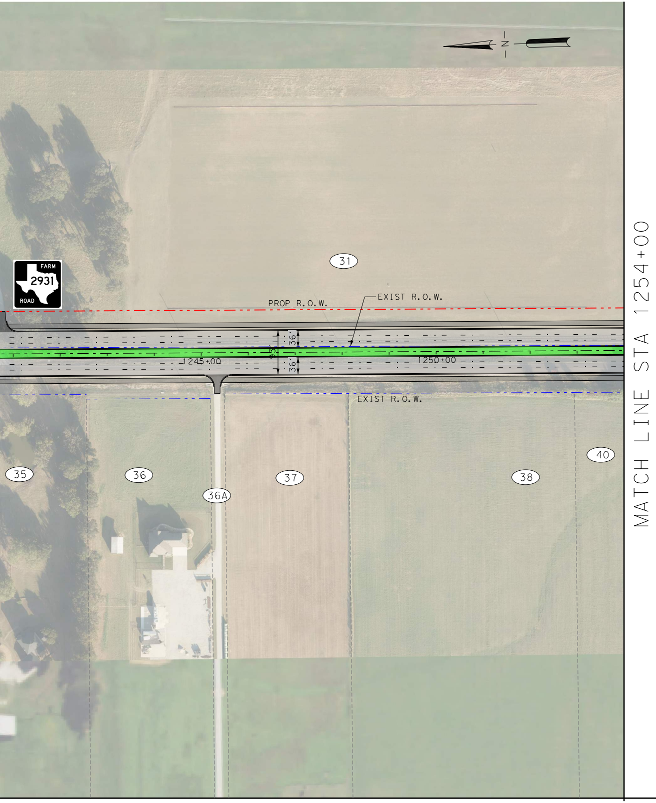
© 2022 by Texas Department of Transportation all rights reserved


FARM 2931 ROAD
EXIST R.O.W.
EXIST R.O.W.
POT 1166+93.00
BEGIN PROJECT
CSJ: 2979-01-011
STA 1166+93.00
BEGIN CONSTRUCTION
℄ FM 2931 STA 1169+40
MATCH EXIST PAVEMENT
FM2931
STA 1171+87.08
11.00' LT
BEG TRANSITION
℄ FM 2931
S 1° 30' 51.57" W
1170+00
PC 1171+87.08
TEMPORARY
ASPHALT
PROP R.
℄ FM 2931 STA 1170+07.04
12.00' RT, BEGIN TRANSITION
316
℄ FM 2931 STA 1175+92.78
45.63' RT, END TRANSITION


SPRING HILL RD. / FM 428
POT 19+06.12
S 29° 23' 03.28" E
ANTIOCH BAPTIST CHURCH
FM2931
STA 1178+57.80
OFF 181.32 LT
END CONSTRUCTION
MATCH EXISTING
FM2931
STA 1177+03.12
34.53' LT
END TRANSITION
R=100'
R=100'
PC 14+58.27
PC 1179+85.91
PT 183+43.71
1
ATTEMPT TO SAVE TREES IN TxDOT ROW. ARBORIST TO EVALUATE DURING PS&E
2
9
10
12
12A
13
15
BEGIN CULVERT BC-1
STA 1195+86.15
PC 1195+27.23
PT 1198+31.35
16
EXIST R.O.W.
1175+00
S7° 16' 41.74" W
15
36'
48'
36'
S 0° 43' 42.96" W
1180+00
1185+00
93'
36'
36'
S 1° 46' 53.15" W
1190+00
1195+00
O. W.
PT 1176+83.03
R=100'
R=100'
317
3
4
EXIST R.O.W.
PC 1186+19.14
PT 1187+38.21
PROP R.O.W.
8
11
℄ FM 2931 STA 1178+40.52
℄ FM 428 STA 14+43.42
6
FM2931
STA 1178+54.85
OFF 156.76 RT
END CONSTRUCTION
MATCH EXISTING
CULVERT BC-1
EXIST 3-10'x10'x42'MBC
STA 1196+19.54
(TO BE REMOVED)
PROP 5-10'x10'x154.5' MBC
STA 1196+19.54
TRIBUTARY TO PECAN CREEK
S 87° 58' 47.37" E
7
5
POT 10+00.00
SPRING HILL RD / FM 428


17
18
20
22
CULVERT C-2
EXIST 2-36"x42' CMP
(TO BE REMOVED)
PROP 2-5'x3'x129' MBC
STA 1206+20.57
PROP R.O.W.
PT 1216+85.26
S 1° 46' 53.15" W
S 2° 50' 25.95"
1200+00
1205+00
1210+00
1215+00
36'
36'
36'
36'
EXIST R.O.W.
PC 1201+80.35
PT 1205+18.35
PC 1211+21.25
PRC 1214+03.26
ATMOS
GAS VALVE
14
19
19A
21
ND CULVERT BC-1
A 1196+53.26


EXISTING DRAINAGE EASEMENT
CULVERT C-3
EXIST 2-48"x40' CMP
STA 1219+03.15
(TO BE REMOVED)
PROP 2-6'x3'x121' MBC
STA 1218+99.03
27
26
24
EXISTING DRAINAGE EASEMENT
28
PC 1229+16.91
PRC 1232+84.66
PROP R.O.W.
EXIST R.O.W.
PROP R.O.W.
36'
S 1° 46' 53.15" W
48'
1220+00
1225+00
36'
36'
1230+00
1235+00
1240+00
PT 1236+52.40
PROP R.O.W.
℄ FM 2931
R=25'
R=25'
PROP R.O.W.
PROP CULVERT C-4
2-5'x3'x129' MBC
STA 1227+50.00
EXIST CULVERT C-4
2-42"x34' CMP
STA 1227+11.11
(TO BE REMOVED)
EXIST R.O.W.
REDFEARN RD.
23
25
29
30
32
33
34


N
FARM
2931
ROAD
31
PROP R.O.W.
EXIST R.O.W.
36'
93'
36'
1245+00
1250+00
EXIST R.O.W.
35
36
36A
37
38
40
MATCH LINE STA 1254+00

PROPERTY OWNERS	
NO.	OWNER
1	ANTIOCH BAPTIST CHURCH
2	ANTIOCH BAPTIST CHURCH
3	TEXAS DEPARTMENT OF TRANSPORTATION
4	REEVES, ALRA E II & DORI S, TRUSTEES OF REEVES FAMILY LIVING TRUST
5	REEVES, ALRA E II & DORI S, TRUSTEES OF REEVES FAMILY LIVING TRUST
6	MICHAELS, MARCIE L
7	GRIFFIN, MARCIE L
8	RUSSELL, JAMES W & TRULA MAE
9	COSBY, GERALD DAVID LIFE ESTATE & COSBY, CODY GLYNN
10	COSBY, GERALD DAVID LIFE ESTATE & COSBY, CODY GLYNN
11	WILSON, JASON CARROLL
12	SELF, MARK
13	CLEMMER, ERNIE & SHARON
14	AKIN, RICKY D & CONNIE R
15	TAYLOR, MILDRED JOAN
16	TAYLOR, MILDREN JOAN
17	HARRIS, SHIRLEY J & JOHN M
18	BELL, CYNTHIA ANN SUPP NEEDS TRUST, BELL, ANDREW CALEB TREE
19	WILSON, JASON CARROLL
20	CONWAY, BILLY WAYNE
21	WILSON, KATHY ELLEN
22	CONWAY, BILLY WAYNE
23	WILSON, KALON OWEN
24	LELAND, DANIEL R
25	REDFEARN, BOBBY C
26	CONWAY, PAUL
27	CONWAY, PAUL
28	BERMUDEZ, MELISSA
29	REDFEARN, BOBBY C
30	PRAKULRAM LLC
31	S A POLO, INC
32	GREGORY, JOHNNY L & JANE
33	ASHER, CONNIE JO
34	SHARP, PHILLIP B & STEFFONI D
35	ROMAN, BRENDA L & ERICK M SR
36	SMITH, CARTER CHRISTIAN & MICHELLE DIANE
37	BINDEL, VICKIE LYNN
38	WILSON, MARIJO
40	WILSON, HERSHELL D
316	BELL, VAN FRANKLIN
317	HERITAGE TRUST

TEXAS DEPARTMENT OF TRANSPORTATION®

DALLAS DISTRICT
MOHAMED K. (MO) BUR, P.E., DISTRICT ENGINEER

FM 2931
DESIGN SCHEMATIC

DENTON COUNTY, TEXAS

FROM FM 428 TO US 380
CSJ: 2979-01-011
LENGTH: 6.58 MILES

100% SCHEMATIC

MAY 12, 2022

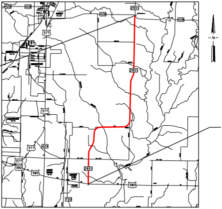
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 2931	45 MPH	URBAN MAJOR COLLECTOR
CROSS STREETS	35 MPH	LOCAL STREETS

INDEX OF SHEETS

ROLL 1 OF 4:	PLAN VIEW BEGIN PROJECT TO STA. 1254+00.00
ROLL 2 OF 4:	PLAN VIEW STA. 1254+00.00 TO STA. 1345+00.00
ROLL 3 OF 4:	PLAN VIEW STA. 1345+00.00 TO STA. 1428+00.00
ROLL 4 OF 4:	PLAN VIEW STA. 1428+00.00 TO END PROJECT

ROLL 1 OF 4

BEGIN PROJECT
CSJ: 2979-01-011
FM 2931
STA 1166+93.00


428
428
2931
428
428
377
2931
373
377
424
377
380
380
2931
380
720
N

END PROJECT
CSJ: 2979-01-011
FM 2931
STA 1514+66.52

LOCATION MAP

MILES
0 1 2

LEGEND

— - -	EXISTING ROW	▨	PROPOSED PAVEMENT
— - -	PROPOSED ROW	▨	PROPOSED SHARED USE PATH/DRIVEWAY
— - -	EXISTING DRAINAGE EASEMENT	▨	PROPOSED ASPHALT TIE-IN
- - - -	EXISTING PROPERTY LINES	🟧	PROPOSED BRIDGE
— - -	CENTERLINE/BASELINE	🟩	PROPOSED MEDIAN
— —	EXISTING CULVERT	—	PROPOSED RETAINING WALL
— - -	EXISTING PARCEL LINE	═	PROPOSED CULVERT
→	DIRECTION OF TRAVEL	←	PROPOSED DITCH
Ⓧ	PARCEL IDENTIFIER NUMBER	—	PROPOSED GUARDRAIL
▨	LIMITS OF FLOOD PLAIN	—	PROPOSED NOISE WALL (POTENTIAL)
—560—	EXISTING 5' INTERVAL CONTOUR	▨	REMOVAL
		→	FLOW ARROW
		▨	ADA RAMP

PRELIMINARY
FOR INTERIM REVIEW ONLY
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES.

0 50 100
GRAPHIC SCALE IN FEET

DENTON COUNTY, TEXAS

TEXAS COUNTY MAP
N.T.S.

PREPARED BY JACOBS ENGINEERING GROUP, INC.
REGISTRATION F-2966
UNDER THE SUPERVISION OF
DOUGLAS CRAIG BOWEN, P.E.

LICENSE NO. 87638 5-12-2022

Jacobs
1999 BRYAN STREET, SUITE 1200
DALLAS, TX 75201-3136
Phone 214.638.0145
Firm Registration F-2966

© 2022 by Texas Department of Transportation all rights reserved