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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E.   DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

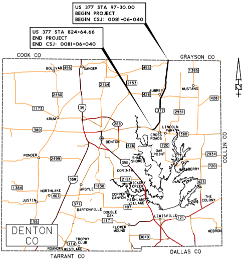
US 377

FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)

CSJ: 0081-06-040

ROADWAY SECTION	DESIGN SPEED	FUNCTIONAL CLASS
US 377	45 MPH	URBAN PRINCIPAL ARTERIAL
TWIN OAKS LN	30 MPH	LOCAL
INDUSTRIAL PARK	30 MPH	LOCAL
SHERRY LN S	30 MPH	LOCAL
STEWART RD	30 MPH	LOCAL
ARVIN HILL RD	30 MPH	LOCAL
AZTECA RD	30 MPH	LOCAL
LIBERTY RD	30 MPH	LOCAL

PROJECT LOCATION


US 377 STA 97+30.00
BEGIN PROJECT
BEGIN CSJ: 0081-06-040
US 377 STA 824+64.66
END PROJECT
END CSJ: 0081-06-040
COOK CO
GRAYSON CO
COLLIN CO
WISE CO
TARRANT CO
DALLAS CO
DENTON CO
BOLIVAR
SANGER
AUBREY
MUSTANG
KRUM
DENTON
CROSS ROADS
LINCOLN PARK
OAK POINT
LITTLE ELM
PONDER
SHADY SHORES
CORINTH
HACKBERRY
HICKORY CREEK
COPPER CANYON
HIGHLAND VILLAGE
NORTHLAKE
JUSTIN
ARGYLE
BARTONVILLE
DOUBLE OAK
THE COLONY
LEWISVILLE
FLOWER MOUND
TROPHY CLUB
ROANOKE
WESTLAKE
HEBRON
455
1385
2164
2153
428
2450
1173
35
377
2931
288
380
426
720
2934
2499
35E
2181
423
35W
1384
1830
407
156
1171
121
3040
114
N

PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230

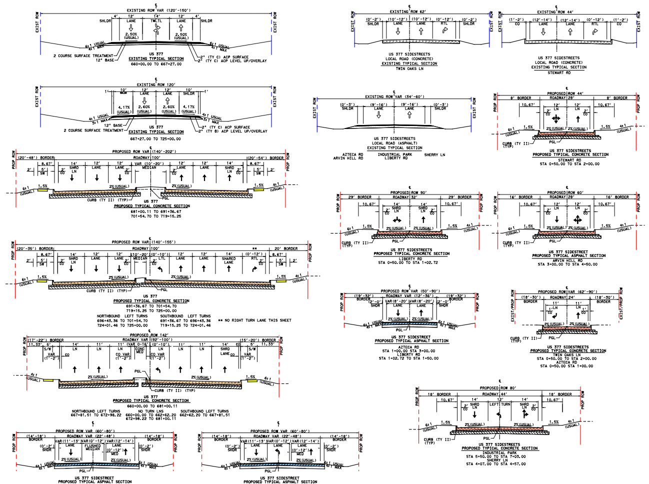
Dustin C. Ogle
91101
10/7/2020

08/31/2020
DATE APPROVED

ROLL 10 of 15

OCTOBER 2020

50 0 50 100
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET


EXISTING ROW VAR (120'-150')
EXIST ROW
SHLDR
LANE
TWLTL
4'
12'
14'
2.50% (USUAL)
6:1 USUAL
4:1 MAX
2 COURSE SURFACE TREATMENT
12" BASE
2" (TY C) ACP SURFACE
2" (TY C) ACP LEVEL UP/OVERLAY
EXISTING ROW 120'
10'
SHLDR
1'
4.17% (USUAL)
2.60% (USUAL)
3:1 MAX
2" (TY B) ACP LEVEL UP/OVERLAY
PROPOSED ROW VAR (140'-202')
PROP ROW
(20'-48') BORDER
(20'-54') BORDER
ROADWAY 100'
8.67'
5' SW
2'
2' CO
SHRD LN
VAR (10'-20') MEDIAN
1.5%
2% (USUAL)
CURB (TY II) (TYP)
PGL
PROPOSED ROW VAR (140'-155')
(20'-35') BORDER
20' BORDER
(10'-20') MEDIAN
(0'-10') LTL
SHARED LANE
(0'-12') RTL
PROPOSED ROW 142'
(17'-22') BORDER
(15'-20') BORDER
ROADWAY VAR (92'-100')
11.33'
S/W
VAR (1'-2')
CO VAR (1'-2')
11' (VAR 0-16')
CONC MED
LN
SHRD LANE
PROPOSED ROW VAR (60'-80')
(14'-18') BORDER
ROADWAY VAR (22'-48')
VAR (11'-13')
VAR (0'-12')
VAR (12'-14')
(0'-2') SHDR
FLUSHED MEDIAN
(0'-12') MED
EXISTING ROW 62'
(0'-2') SHLDR
(10'-12') LANE
(0'-12') RTL
EXISTING ROW 44'
(1'-2') CO
(12'-14') LANE
EXISTING ROW VAR (34'-60')
(0'-3') SHLDR
(9'-16') LANE
PROPOSED ROW 44'
8' BORDER
ROADWAY 28'
10.67'
12' LN
4:1 (USUAL)
6:1 (USUAL)
CURB (TY II) (TYP)
PROPOSED ROW 90'
29' BORDER
ROADWAY 32'
14' SHRD LN
PROPOSED ROW 60'
16' BORDER
PROPOSED ROW VAR (50'-90')
(19'-32') BORDER
ROADWAY VAR (12'-36')
(2'-0') SHDR
VAR (8'-20') LANE
PROPOSED ROW VAR (62'-90')
EXIST/PROP ROW
(18'-30') BORDER
ROADWAY 24'
11' LN
1' CO
PROPOSED ROW 80'
18' BORDER
ROADWAY 44'
12' LEFT TURN

US 377
EXISTING TYPICAL SECTION
660+00.00 TO 667+27.00

US 377
EXISTING TYPICAL SECTION
667+27.00 TO 725+00.00

US 377
PROPOSED TYPICAL CONCRETE SECTION
681+00.11 TO 691+36.67
701+54.70 TO 719+15.25

US 377
PROPOSED TYPICAL CONCRETE SECTION
691+36.67 TO 701+54.70
719+15.25 TO 725+00.00

NORTHBOUND LEFT TURNS	SOUTHBOUND LEFT TURNS
696+43.36 TO 701+54.70	691+36.67 TO 696+43.36
724+01.46 TO 725+00.00	719+15.25 TO 724+01.46

** NO RIGHT TURN LANE THIS SHEET

US 377
PROPOSED TYPICAL CONCRETE SECTION
660+00.00 TO 681+00.11

NORTHBOUND LEFT TURNS	NO TURN LNS	SOUTHBOUND LEFT TURNS
667+81.51 TO 672+98.22	660+00.00 TO 662+62.20	662+62.20 TO 667+81.51
	672+98.22 TO 681+00.11	

US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
INDUSTRIAL PARK
STA 7+03.00 TO STA 8+25.00

US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
SHERRY LN
STA 0+00.00 TO STA 4+07.00

US 377 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
TWIN OAKS LN

US 377 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
STEWART RD

US 377 SIDESTREETS
LOCAL ROAD (ASPHALT)
EXISTING TYPICAL SECTION
AZTECA RD
ARVIN HILL RD
INDUSTRIAL PARK
LIBERTY RD
SHERRY LN

US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
STEWART RD
STA 0+50.00 TO STA 2+00.00

US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
LIBERTY RD
STA 0+50.00 TO STA 1+02.72

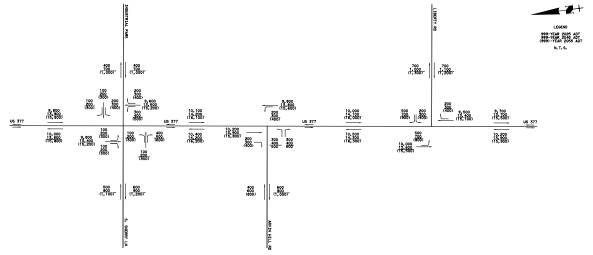
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
ARVIN HILL RD
STA 3+00.00 TO STA 4+50.00

US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
AZTECA RD
STA 1+00.00 STA 3+00.00
LIBERTY RD
STA 1+02.72 TO STA 1+50.00

US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
TWIN OAKS LN
STA 0+50.00 TO STA 2+00.00
AZTECA RD
STA 0+50.00 STA 1+00.00

US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
INDUSTRIAL PARK
STA 5+50.00 TO STA 7+03.00
SHERRY LN
STA 4+07.00 TO STA 4+57.00

TYPICAL SECTIONS

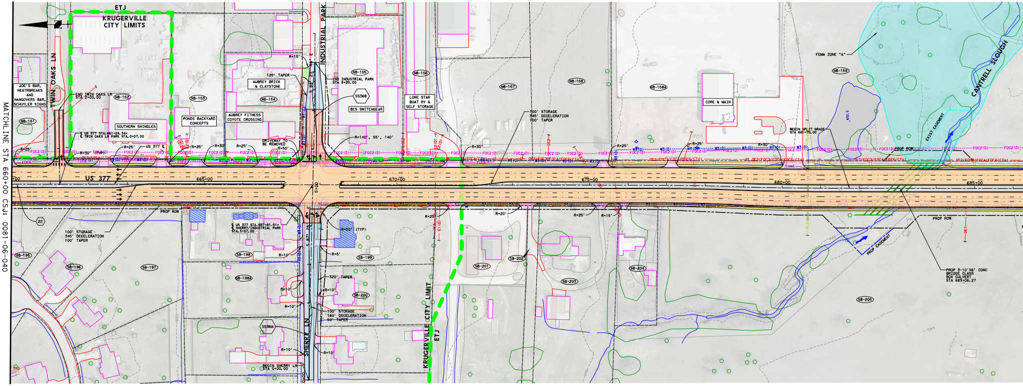

INDUSTRIAL PARK
S. SHERRY LN
ARVIN HILL RD
LIBERTY RD
US 377
400 700 (1,000)
400 700 (1,000)
100 200 (300)
100 200 (300)
200 300 (400)
200 300 (400)
9,600 13,600 (15,200)
300 400 (600)
9,800 13,900 (15,800)
10,000 13,800 (15,800)
100 200 (300)
9,800 13,400 (15,200)
100 200 (300)
100 200 (300)
400 500 (600)
100 200 (300)
10,100 14,200 (16,100)
10,400 14,200 (16,200)
9,800 13,800 (15,600)
200 300 (400)
10,200 13,900 (15,800)
200 300 (400)
300 400 500
300 400 500
10,000 14,100 (16,000)
10,500 14,300 (16,300)
500 700 (900)
200 300 (400)
200 300 (400)
9,500 13,400 (15,100)
500 700 (800)
10,000 13,600 (15,500)
9,700 13,700 (15,500)
10,200 13,900 (15,900)
700 1,000 (1,300)
700 1,100 (1,200)
500 800 (1,100)
600 900 (1,200)
400 600 (800)
600 800 (1,000)

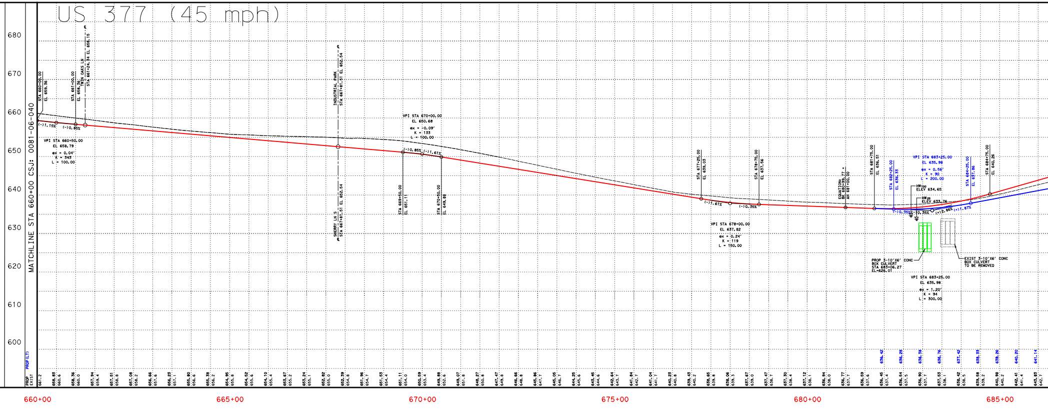
LEGEND
999-YEAR 2025 ADT
999-YEAR 2045 ADT
(999)-YEAR 2055 ADT

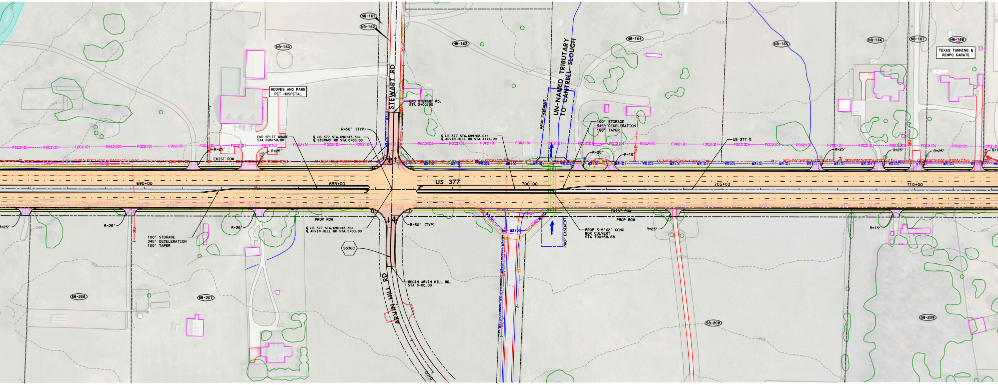
N.T.S.

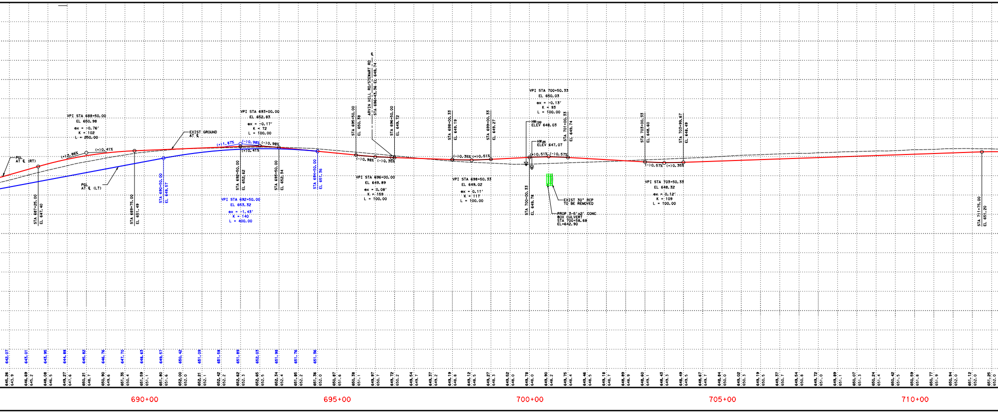
TxDOT TPP APPROVAL GRANTED 09-22-2020
TRAFFIC DATA PROVIDED BY OTHON, INC. ON 07-13-2020

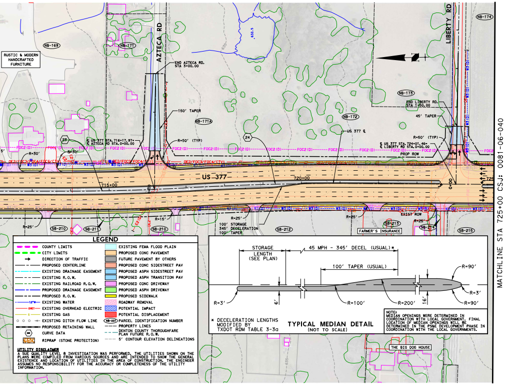
TRAFFIC DIAGRAMS


MATCHLINE STA 660+00 CSJ: 0081-06-040
ETJ
KRUGERVILLE CITY LIMITS
TWIN OAKS LN
INDUSTRIAL PARK
JOE'S BAR, HEATBREAKS AND HANGOVERS BAR, SCHUYLER SIGNS
END TWIN OAKS LN STA 2+00.00
NB-151
NB-152
NB-153
NB-154
NB-155
NB-156
NB-157
NB-158
NB-158A
NB-159
SOUTHERN SHINGLES
PONDS BACKYARD CONCEPTS
AUBREY BRICK & CLAYSTONE
AUBREY FITNESS COYOTE CROSSING
125' TAPER
END INDUSTRIAL PARK STA 8+25.00
SS36B
BCS SWITCHGEAR
LONE STAR BOAT RV & SELF STORAGE
CORE & MAIN
100' STORAGE 345' DECELERATION 100' TAPER
℄ US 377 STA 661+24.34= ℄ TWIN OAKS LN PARK STA 0+07.00
DRIVEWAY TO BE REMOVED
R=140', 55', 140'
FEMA ZONE "A"
CANTRELL SLOUGH
EXIST EASEMENT
BEGIN SPLIT GRADE STA 681+75.00
PROP ROW
US 377
665+00
670+00
675+00
680+00
685+00
22
PROP ROW
100' STORAGE 345' DECELERATION 100' TAPER
SB-195
SB-196
SB-197
SB-198
SB-198A
SB-199
SB-200
SB-201
SB-202
SB-203
SB-204
SB-205
SS36A
℄ US 377 STA 667+81.51= ℄ SHERRY/INDUSTRIAL PARK STA 5+07.00
R=50' (TYP)
320' TAPER
100' STORAGE 160' DECELERATION 50' TAPER
SHERRY LN
BEGIN SHERRY LN STA 0+00.00
KRUGERVILLE CITY LIMIT
ETJ
PROP EASEMENT
PROP 3-10'X6' CONC BRIDGE CLASS BOX CULVERT STA 683+06.27




NB-160
NB-161
NB-162
NB-163
NB-164
NB-165
NB-166
NB-167
NB-168
HOOVES AND PAWS PET HOSPITAL
TEXAS TANNING & KENPO KARATE
STEWART RD
END STEWART RD. STA 2+00.00
UN-NAMED TRIBUTARY TO CANTRELL SLOUGH
PROP EASEMENT
R=50' (TYP)
END SPLIT GRADE STA 694+50.00
℄ US 377 STA. 696+43.36= ℄ STEWART RD STA. 0+00.00
℄ US 377 STA. 699+62.04= ℄ ARVIN HILL RD STA. 4+74.98
100' STORAGE 345' DECELERATION 100' TAPER
US 377 ℄
R=25'
R=15'
EXIST ROW
PROP ROW
FOC2 (D)
OE2/FOC3/FOC4/FOC6/CTV
W3 (D)
OE2
T1
690+00
695+00
700+00
705+00
710+00
US 377
℄ US 377 STA. 696+43.36= ℄ ARVIN HILL RD STA. 5+00.00
SS36C
BEGIN ARVIN HILL RD. STA 3+00.00
ARVIN HILL RD
PROP 3-5'X2' CONC BOX CULVERT STA 700+58.68
SB-206
SB-207
SB-208
SB-209
640
650
655



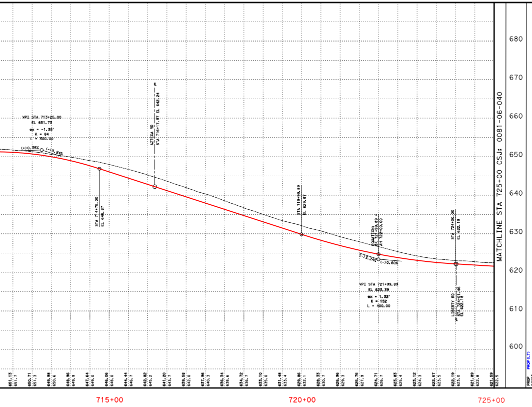

RUSTIC & MODERN HANDCRAFTED FURNITURE
NB-169
NB-171
NB-171A
NB-172
NB-173
NB-174
AZTECA RD
END AZTECA RD. STA 3+00.00
150' TAPER
R=50' (TYP)
℄ US 377 STA. 716+17.97= ℄ AZTECA RD STA. 0+00.00
23
24
R=30'
FOC2 (D)
OE2/FOC3/FOC4/FOC6/CTV1
W3 (D)
US 377
715+00
720+00
US 377 ℄
LIBERTY RD
END LIBERTY RD. STA 1+60.00
45' TAPER
℄ US 377 STA. 724+01.46= ℄ LIBERTY RD STA. 0+00.00
PROP ROW
EXIST ROW
0+00
R=25'
R=15'
100' STORAGE
345' DECELERATION
100' TAPER
SB-210
SB-211
SB-212
SB-213
SB-214
SB-215
FARMER'S INSURANCE
THE BIG DOG HOUSE
632.5
MATCHLINE STA 725+00 CSJ: 0081-06-040
LEGEND
COUNTY LIMITS
CITY LIMITS
DIRECTION OF TRAFFIC
PROPOSED CENTERLINE
EXISTING DRAINAGE EASEMENT
EXISTING R.O.W.
EXISTING RAILROAD R.O.W.
PROPOSED DRAINAGE EASEMENT
PROPOSED R.O.W.
EXISTING WATER
EXISTING OVERHEAD ELECTRIC
EXISTING GAS
EXISTING DITCH FLOW LINE
PROPOSED RETAINING WALL
CURVE DATA
RIPRAP (STONE PROTECTION)
EXISTING FEMA FLOOD PLAIN
PROPOSED CONC PAVEMENT
FUTURE PAVEMENT BY OTHERS
PROPOSED CONC SIDESTREET PAV
PROPOSED ASPH SIDESTREET PAV
PROPOSED ASPH TRANSITION PAV
PROPOSED CONC DRIVEWAY
PROPOSED ASPH DRIVEWAY
PROPOSED SIDEWALK
ROADWAY REMOVAL
POTENTIAL IMPACT
POTENTIAL DISPLACEMENT
PARCEL IDENTIFICATION NUMBER
PROPERTY LINES
DENTON COUNTY THOROUGHFARE PLAN FUTURE R.O.W.
5' CONTOUR ELEVATION DELINEATIONS
STORAGE LENGTH (SEE PLAN)
45 MPH - 345' DECEL (USUAL)*
100' TAPER (USUAL)
R=3'
6'
R=100'
R=200'
16'
R=90'

UTILITY DISCLAIMER
A SUE QUALITY LEVEL B INVESTIGATION WAS PERFORMED. THE UTILITIES SHOWN ON THE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE UTILITY INFORMATION.

* DECELERATION LENGTHS MODIFIED BY TXDOT RDM TABLE 3-3a

TYPICAL MEDIAN DETAIL
(NOT TO SCALE)

NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.



CURVE DATA TABLE

CENTERLINE US 377 CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION
22	P_377-22	659+86.33	7149904.54	2431292.45	0° 50' 20.59" (LT)	9,425.00	0° 36' 28.49"	69.01	138.02	S 1° 40' 49.03" W	138.02	659+17.32	660+55.34
23	P_377_23	715+36.71	7144355.50	2431170.32	3° 17' 44.97" (LT)	6,480.00	0° 53' 03.10"	186.43	372.75	S 0° 23' 13.75" E	372.70	713+50.29	717+23.04
24	P_377_24	719+24.02	7143968.32	2431184.08	3° 33' 11.28" (RT)	6,480.00	0° 53' 03.10"	200.99	401.85	S 0° 15' 30.60" E	401.79	717+23.04	721+24.89

CENTERLINE SHERRY LN S CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION
SS36A	CURSI2	1+13.54	7149126.78	2430888.88	1° 20' 38.36" (RT)	2,000.00	2° 51' 53.24"	23.46	46.91	S 88° 05' 43.99" E	46.91	0+90.09	1+37.00

CENTERLINE INDUSTRIAL PARK CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION
SS36B	CURSI4	6+76.63	7149101.47	2431451.40	0° 58' 23.39" (LT)	2,000.00	2° 51' 53.24"	16.99	33.97	S 87° 54' 36.50" E	33.97	6+59.65	6+93.62

CENTERLINE ARVINHILL CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION
SS36C	CURAV20	1+83.58	7146263.41	2430880.63	40° 19' 23.63" (RT)	500.00	11° 27' 32.96"	183.58	351.89	N 72° 26' 01.46" E	344.67	0+00.00	3+51.89

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-151	SCHUYLER PROPERTIES LLC	4920 US 377	1.25
NB-152	SOUTHERN COMPAINES II, LLC	4898 US 377	2.31
NB-153	MARCOM, MICHAEL D	4830 US 377	1.19
NB-154	DANE, KERRI ANN	4800 US 377	1.50
NB-155	CWW PROPERTIES LLC	4790 US 377	2.03
NB-156	LABATE, LAWRENCE & SHELLEY	4770 S US 377	19.81
NB-157	LABATE, LAWRENCE & SHELLEY	S US 377	1.40
NB-158	LABATE, LAWRENCE & SHELLEY	4770 S US 377	2.50
NB-158A	INDUSTRIAL RESERVE LLC	4650 US 377	6.00
NB-159	HOLMES, JOHN B TR	US 377	71.45
NB-160	BRETT SPENCER HOLDINGS LLC	4600 US 377	8.00
NB-161	DENTON COUNTY, TEXAS	-	0.76
NB-162	DENTON COUNTY, TEXAS	-	1.41
NB-163	ARRINGTON, BOBBIE ELIZABETH	4398 S US 377	1.59
NB-164	ROBINSON, THOMAS M	-	15.49
NB-165	RUSTIC FURNITURE WAREHOUSE LLC	4354 HWY 377	15.49
NB-166	KINNEY, BEVERLY	4336 US HIGHWAY 377 S	8.13
NB-167	3C LAND CO, LLC	US 377	1.58
NB-168	3C LAND CO, LLC	4310 US 377	6.55
NB-169	DOZIER REAL ESTATE LLC	4292-4300 US 377	12.96
NB-171	TORRES, JUAN MANUEL JR & ELIZABETH	AZTECA RD	1.50
NB-171A	PAUL'S KIDS, LLC	-	6.67
NB-172	CRUTSINGER, MARY F	8707 LIBERTY RD	21.08
NB-173	CRUTSINGER, MARY F & SHIPP, KARRIE A	-	2.00
NB-174	COVENANT CHURCH	-	32.99
SB-195	ROYAL, BEN C	813 FAIRVIEW CIR	1.00
SB-196	BATTINO, ERIC P & TAMMY	814 FAIRVIEW CIR	1.00
SB-197	MENDEZ, RALPH	812 FAIRVIEW CIR	1.46
SB-198	CRYDER, KENNETH R & VICKI L	855 SHERRY LN	1.00
SB-198A	CASSEL, MELODY & DECKER, ZACHARY	-	1.00
SB-199	ENRIQUEZ, REYES R JR & IMELDA	870 SHERRY LN	1.00
SB-200	HOOVER, PHILLIP R	-	1.01
SB-201	CDKK PROPERTIES LLC	4765 US 377	5.69
SB-202	BIVIJI, MUSTAFA	US 377	0.72
SB-203	ACP 4755 US 377 LLC	4755 S US 377	5.00
SB-204	RAMIREZ, JUAN J & ALMA	4645 S HIGHWAY 377	0.81
SB-205	GLOVER, SHERYL COLEEN	US 377	49.52
SB-206	SCHMITTOU, C MITCH	-	5.00
SB-207	SCHMITTOU, C MITCH	4599 S HIGHWAY 377	21.40
SB-208	PRESERVATION INVESTMENTS LLC	8695 ARVIN HILL RD	23.76
SB-209	KNIGHT, JANET D	US 377	18.04
SB-210	COFFEY, KEVIN L	4275 S US 377	16.65
SB-211	COFFEY, KEVIN L	4275 US HIGHWAY 377 S	1.39
SB-212	SACHS, DANA RENA	S US 377	18.04
SB-213	LEVEL 1 REMODELING INC	4111 S US 377	0.73
SB-214	THE BIG DOG HOUSE, LLC	4115 S US 377	1.21
SB-215	LONGVIEW HUNTING RANCH LLC	US 377	33.12

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
666+65.00	-2.0%	666+65.00	-2.0%
667+15.00	-1.5%	667+15.00	-1.5%
668+80.00	-1.5%	668+80.00	-1.5%
669+30.00	-2.0%	669+30.00	-2.0%

NOTES:

1. PROPERTY OWNERSHIP DATA FROM D.C.A.D. 10-29-2019.
2. EXISTING TOPO CURRENT AS OF 10-19-17.
3. MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
4. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
5. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB (UNLESS NOTED OTHERWISE).
6. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS WERE OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
7. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
8. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
9. CURBS ON THE CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
10. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
11. CULVERT C684 - FEMA EFFECTIVE DATE 04/18/2011

BACK TANGENT	AHEAD TANGENT
S 2° 05′ 59.32" W	S 1° 15′ 38.74" W
S 1° 15′ 38.74" W	S 2° 02′ 06.24" E
S 2° 02′ 06.24" E	S 1° 31′ 05.04" W

BACK TANGENT	AHEAD TANGENT
S 88° 46′ 03.17" E	S 87° 25′ 24.81" E

BACK TANGENT	AHEAD TANGENT
S 87° 25′ 24.81" E	S 88° 23′ 48.20" E

BACK TANGENT	AHEAD TANGENT
N 52° 16′ 19.65" E	S 87° 24′ 16.73" E

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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

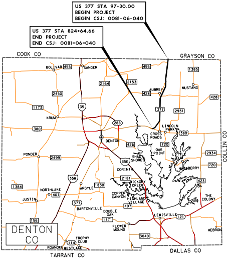
US 377

FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)

CSJ: 0081-06-040

ROADWAY SECTION	DESIGN SPEED	FUNCTIONAL CLASS
US 377	45 MPH	URBAN PRINCIPAL ARTERIAL
TWIN OAKS LN	30 MPH	LOCAL
INDUSTRIAL PARK	30 MPH	LOCAL
SHERRY LN S	30 MPH	LOCAL
STEWART RD	30 MPH	LOCAL
ARVIN HILL RD	30 MPH	LOCAL
AZTECA RD	30 MPH	LOCAL
LIBERTY RD	30 MPH	LOCAL

PROJECT LOCATION


US 377 STA 97+30.00
BEGIN PROJECT
BEGIN CSJ: 0081-06-040
US 377 STA 824+64.66
END PROJECT
END CSJ: 0081-06-040
COOK CO
GRAYSON CO
COLLIN CO
WISE CO
TARRANT CO
DALLAS CO
DENTON CO
BOLIVAR
SANGER
AUBREY
MUSTANG
KRUM
DENTON
CROSS ROADS
LINCOLN PARK
OAK POINT
LITTLE ELM
SHADY SHORES
CORINTH
HACKBERRY
PONDER
NORTHLAKE
JUSTIN
ARGYLE
HICKORY CREEK
COPPER CANYON
HIGHLAND VILLAGE
BARTONVILLE
DOUBLE OAK
LEWISVILLE
THE COLONY
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
1385
2164
2153
428
2450
35
377
2931
1173
288
380
426
720
2934
2499
35E
35W
2181
423
1384
1830
407
121
1171
156
3040
114
N

PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230

Dustin C. Ogle
91101

10/7/2020

08/31/2020
DATE APPROVED

ROLL 10 of 15

OCTOBER 2020

50 0 50 100
HORIZONTAL SCALE 1" = 100′
VERTICAL SCALE 1" = 10′
SCALE IN FEET