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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

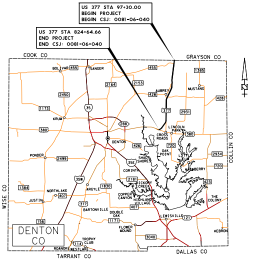
US 377

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
HARRISON ST	30 MPH	RURAL MAJOR COLLECTOR
FAIRLANE DR	30 MPH	MINOR ARTERIAL
ENTERPRISE DR	30 MPH	LOCAL
HOLIDAY ST	30 MPH	LOCAL
BUS US 377/S WASHINGTON ST	30 MPH	LOCAL
OLD S WASHINGTON ST	30 MPH	LOCAL
STRITTMATTER RD	30 MPH	LOCAL
SOUTHSIDE DR	30 MPH	LOCAL
JEFFERSON ST	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
LINCOLN PARK
CROSS ROADS
OAK POINT
SHADY SHORES
LITTLE ELM
HACKBERRY
CORINTH
HICKORY CREEK
PONDER
NORTHLAKE
ARGYLE
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
JUSTIN
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
2153
2164
2450
1173
380
35
288
428
1385
377
2931
426
720
2934
2499
35E
2181
35W
1830
407
1384
156
1171
3040
114
121
423
N

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

STATE OF TEXAS
Dustin C. Ogle
91101
LICENSED PROFESSIONAL ENGINEER

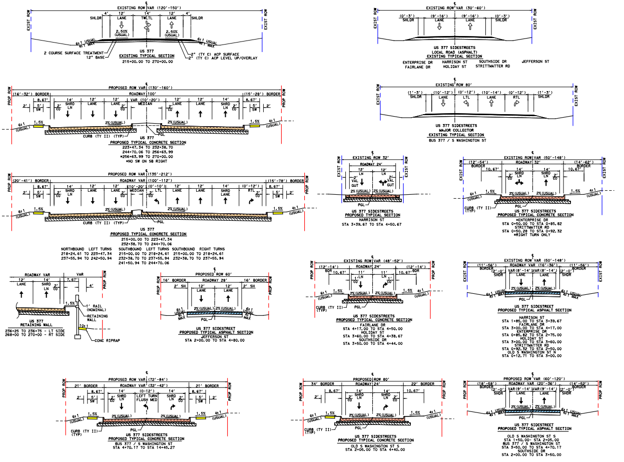
10/6/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

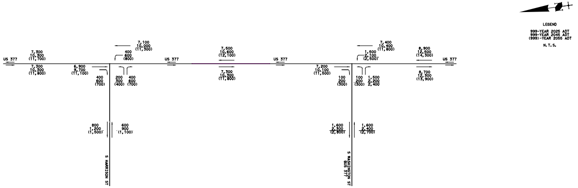
ROLL 3 of 15

OCTOBER 2020

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

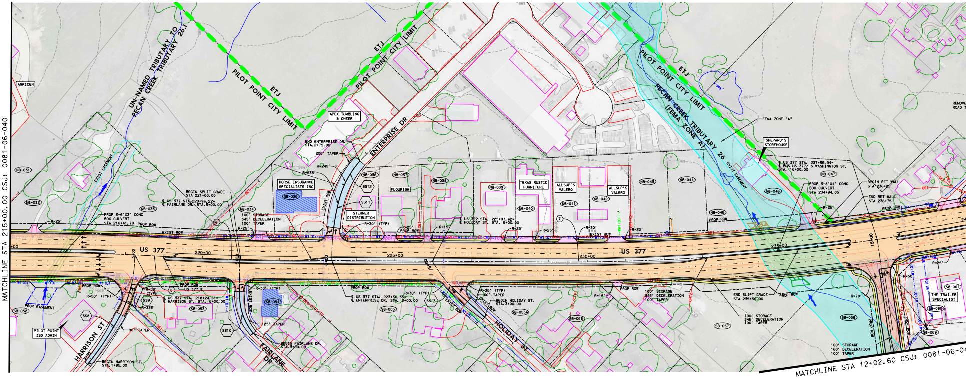

EXISTING ROW VAR (120'-150')
EXIST ROW
SHLDR
LANE
TWLTL
2.50% (USUAL)
6:1 USUAL
4:1 MAX
2 COURSE SURFACE TREATMENT
12" BASE
2" (TY C) ACP SURFACE
2" (TY C) ACP LEVEL UP/OVERLAY
US 377
EXISTING TYPICAL SECTION
215+00.00 TO 270+00.00
PROPOSED ROW VAR (130'-160')
(16'-32') BORDER
ROADWAY 100'
(15'-28') BORDER
PROP ROW
SHRD LN
MEDIAN
SW
CO
CURB (TY II) (TYP)
PGL
2% (USUAL)
1.5%
6:1 (USUAL)
4:1 (USUAL)
US 377
PROPOSED TYPICAL CONCRETE SECTION
223+47.34 TO 232+38.70
244+70.06 TO 256+63.99
*256+63.99 TO 270+00.00
*NO SW ON SB RIGHT
PROPOSED ROW VAR (135'-212')
(20'-41') BORDER
ROADWAY VAR (100'-112')
(15'-78') BORDER
LTL
RTL
SHRD LANE
US 377
PROPOSED TYPICAL CONCRETE SECTION
215+00.00 TO 223+47.34
232+38.70 TO 244+70.06
NORTHBOUND LEFT TURNS
218+24.61 TO 223+47.34
237+55.94 TO 242+50.94
SOUTHBOUND LEFT TURNS
215+00.00 TO 218+24.61
232+38.70 TO 237+55.94
241+50.94 TO 244+70.06
SOUTHBOUND RIGHT TURNS
215+00.00 TO 218+24.61
232+38.70 TO 237+55.94
ROADWAY VAR
VAR
1' RAIL (NOMINAL)
RETAINING WALL
10:1
CONC RIPRAP
US 377
RETAINING WALL
236+25 TO 236+75 - LT SIDE
268+00 TO 270+00 - RT SIDE
PROPOSED ROW 60'
16' BORDER
ROADWAY 28'
2' SH
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
JEFFERSON ST
STA 2+00.00 TO STA 4+80.00
EXISTING ROW VAR (30'-60')
US 377 SIDESTREETS
LOCAL ROAD (ASPHALT)
EXISTING TYPICAL SECTION
ENTERPRISE DR
FAIRLANE DR
HARRISON ST
HOLIDAY ST
SOUTHSIDE DR
STRITTMATTER RD
JEFFERSON ST
EXISTING ROW 80'
US 377 SIDESTREETS
MAJOR COLLECTOR
EXISTING TYPICAL SECTION
BUS 377 / S WASHINGTON ST
EXISTING ROW 32'
ROADWAY 24'
VAL GUT
US 377 SIDESTREETS
PROPOSED TYPICAL SECTION
HARRISON ST
STA 3+39.67 TO STA 4+50.67
EXISTING ROW VAR (50'-148')
(12'-54') BORDER
ROADWAY 32'
(14'-62') BORDER
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
*ENTERPRISE DR
STA 0+50.00 TO STA 0+85.82
STRITTMATTER RD
STA 0+50.28 TO STA 0+92.32
*RIGHT TURN ONLY
EXISTING ROW VAR (48'-52')
(12'-14') BDR
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
FAIRLANE DR
STA 4+17.00 TO STA 4+50.00
HOLIDAY ST
STA 3+60.00 TO STA 4+38.67
SOUTHSIDE DR
STA 3+50.00 TO STA 4+44.00
(11'-56') BORDER
ROADWAY VAR (16'-36')
VAR (8'-14')
SHDR
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
HARRISON ST
STA 1+85.00 TO STA 3+39.67
FAIRLANE DR
STA 3+00.00 TO STA 4+17.00
ENTERPRISE DR
STA 0+85.82 TO STA 2+75.00
HOLIDAY ST
STA 3+00.00 TO STA 3+60.00
STRITTMATTER RD
STA 0+92.32 TO STA 2+50.00
OLD S WASHINGTON ST N
STA 0+12.71 TO STA 3+00.00
PROPOSED ROW VAR (72'-84')
21' BORDER
ROADWAY VAR (32'-42')
LEFT TURN FLUSH MED
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
BUS 377 / S WASHINGTON ST
STA 4+70.17 TO STA 14+45.27
PROPOSED ROW 80'
34' BORDER
ROADWAY 24'
22' BORDER
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
OLD S WASHINGTON ST S
STA 2+05.00 TO STA 4+40.00
PROPOSED ROW VAR (60'-120')
(18'-58') BORDER
ROADWAY VAR (20'-36')
(14'-52') BORDER
VAR (9'-14')
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
OLD S WASHINGTON ST S
STA 1+50.00- STA 2+05.00
BUS 377 / S WASHINGTON ST
STA 3+50.00 TO STA 4+70.17
SOUTHSIDE DR
STA 2+00.00 TO STA 3+50.00

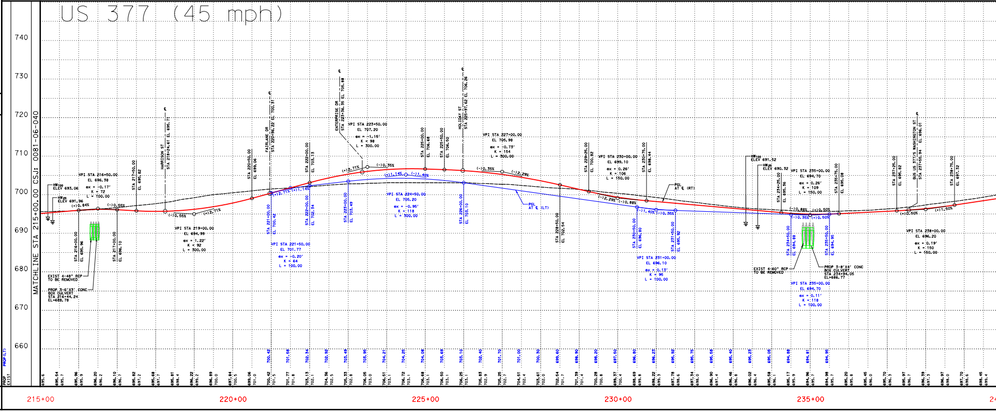
TYPICAL SECTIONS

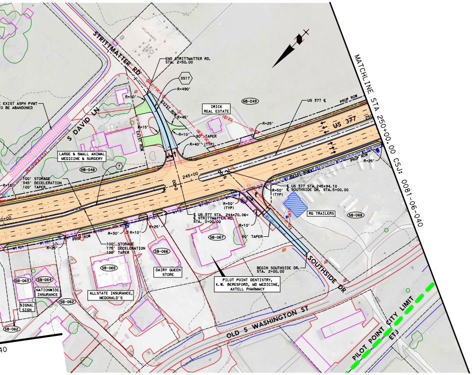

US 377
7,300
10,300
(11,700)
7,300
10,300
(11,800)
6,900
9,700
(11,100)
400
600
(700)
7,100
10,000
(11,300)
400
600
(800)
200
300
(400)
400
600
(700)
800
1,200
(1,500)
600
900
(1,100)
S HARRISON ST
7,500
10,600
(12,100)
7,300
10,300
(11,800)
7,200
10,100
(11,600)
100
200
(300)
7,400
10,400
(11,800)
1,600
2,100
(2,600)
100
200
(300)
1,500
2,200
2,400
1,600
2,300
(2,800)
1,600
2,400
(2,700)
S WASHINGTON ST
BUS 377
8,900
12,600
(14,300)
8,700
12,300
(13,900)
N
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

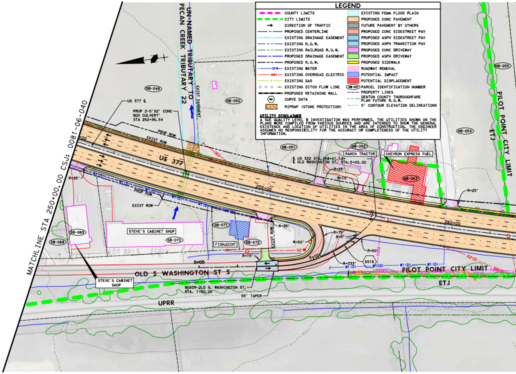
TRAFFIC DIAGRAMS


MATCHLINE STA 215+00.00 CSJ: 0081-06-040
MATCHLINE STA 12+02.60 CSJ: 0081-06-04
US 377
220+00
225+00
230+00
235+00
15+00
ENTERPRISE DR
HARRISON ST
FAIRLANE DR
HOLIDAY ST
UN-NAMED TRIBUTARY TO PECAN CREEK TRIBUTARY 26.1
PECAN CREEK TRIBUTARY 26 (FEMA ZONE A)
PILOT POINT CITY LIMIT
ETJ
FEMA ZONE "A"
AGRICEN
APEX TUMBLING & CHEER
HORSE INSURANCE SPECIALISTS INC
STERMER DISTRIBUTION
FLOURISH
TEXAS RUSTIC FURNITURE
ALLSUP'S VALERO
SHEPARD'S STOREHOUSE
THE TRAILER SPECIALIST
PILOT POINT ISD ADMIN
BEGIN SPLIT GRADE STA 221+00.00
℄ US 377 STA. 220+96.22= ℄ FAIRLANE DR. STA. 5+00.00
PROP 3-6'X3' CONC BOX CULVERT STA 216+41.79
END ENTERPRISE DR. STA. 2+75.00
200' TAPER
100' STORAGE 345' DECELERATION 100' TAPER
℄ US 322 STA. 225+97.62= ℄ HOLIDAY ST. STA. 5+00.00
℄ US 377 STA. 218+24.61= ℄ HARRISON ST. STA. 5+00.00
℄ US 377 STA. 223+36.39= ℄ ENTERPRISE DR. STA. 0+00.00
BEGIN HOLIDAY ST. STA. 3+00.00
BEGIN FAIRLANE DR. STA. 3+00.00
BEGIN HARRISON ST. STA. 1+85.00
END SLIPT GRADE STA 235+50.00
℄ US 377 STA. 237+55.94= ℄ BUS US 377/ S WASHINGTON ST. STA. 15+00.00
PROP 3-8'X4' CONC BOX CULVERT STA 234+94.05
BEGIN RET WALL STA 236+25
END RET WALL STA 236+75
100' STORAGE 160' DECELERATION 100' TAPER
PROP ROW
EXIST ROW
PROP EASEMENT
EXIST EASEMENT
REMOVE ROAD





STRITTMATTER RD
END STRITTMATTER RD. STA. 2+50.00
SS17
R=490'
EXIST ASPH PVMT TO BE ABANDONED
S DAVID LN
IRICK REAL ESTATE
NB-049
US 377 ℄
PROP ROW
US 377
MATCHLINE STA 250+00.00 CSJ: 0081-06-040
LARGE & SMALL ANIMAL MEDICINE & SURGERY
NB-048
100' STORAGE 345' DECELERATION 100' TAPER
90° TAPER
R=40' (TYP)
245+00
℄ US 377 STA. 245+94.10 ℄ SOUTHSIDE DR. STA. 5+00.00
℄ US 377 STA. 244+70.06= ℄ STRITTMATTER RD. STA. 0+00.00
R=50' (TYP)
RG TRAILERS
SB-068
SB-067
50' TAPER
100' STORAGE 175' DECELERATION 100' TAPER
SB-066
SB-065
SB-064
SB-063
SB-062
DAIRY QUEEN STORE
ALLSTATE INSURANCE, MCDONALD'S
NATIONWIDE INSURANCE
SIGNAL SIGN
BEGIN SOUTHSIDE DR. STA. 2+00.00
SOUTHSIDE DR
PILOT POINT DENTISTRY, K.W. BERESFORD, MD MEDICINE, AXTELL PHARMACY
OLD S WASHINGTON ST
PILOT POINT CITY LIMIT
ETJ



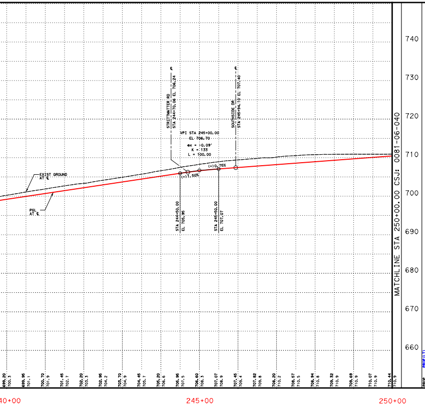
UN-NAMED TRIBUTARY TO PECAN CREEK TRIBUTARY 22
EXIST EASEMENT
US 377 ℄
PROP 2-5'X2' CONC BOX CULVERT' STA 252+95.54
NB-049
NB-050
PROP ROW
EXIST ROW
US 377
MATCHLINE STA 250+00.00 CSJ: 0081-06-040
NB-051
NB-052
NB-053
NB-054
NB-055
RANCH TRACTOR
CHEVRON EXPRESS FUEL
℄ US 322 STA.258+01.12= ℄ OLD WASHINGTON ST. STA.5+00.00
255+00
260+00
SB-069
SB-070
SB-071
SB-072
STEVE'S CABINET SHOP
FISHJOINT
SS18
0+00
OLD S WASHINGTON ST S
BEGIN OLD S. WASHINGTON ST. STA. 1+50.00
55' TAPER
UPRR
PILOT POINT CITY LIMIT
ETJ

LEGEND

	COUNTY LIMITS		EXISTING FEMA FLOOD PLAIN
	CITY LIMITS		PROPOSED CONC PAVEMENT
→	DIRECTION OF TRAFFIC		FUTURE PAVEMENT BY OTHERS
	PROPOSED CENTERLINE		PROPOSED CONC SIDESTREET PAV
	EXISTING DRAINAGE EASEMENT		PROPOSED ASPH SIDESTREET PAV
	EXISTING R.O.W.		PROPOSED ASPH TRANSITION PAV
	EXISTING RAILROAD R.O.W.		PROPOSED CONC DRIVEWAY
	PROPOSED DRAINAGE EASEMENT		PROPOSED ASPH DRIVEWAY
	PROPOSED R.O.W.		PROPOSED SIDEWALK
12"W	EXISTING WATER		ROADWAY REMOVAL
OHE	EXISTING OVERHEAD ELECTRIC	▨	POTENTIAL IMPACT
G	EXISTING GAS	▨	POTENTIAL DISPLACEMENT
○ ○ ○	EXISTING DITCH FLOW LINE	NB-001	PARCEL IDENTIFICATION NUMBER
	PROPOSED RETAINING WALL		PROPERTY LINES
⬡	CURVE DATA		DENTON COUNTY THOROUGHFARE PLAN FUTURE R.O.W.
	RIPRAP (STONE PROTECTION)		5' CONTOUR ELEVATION DELINEATIONS

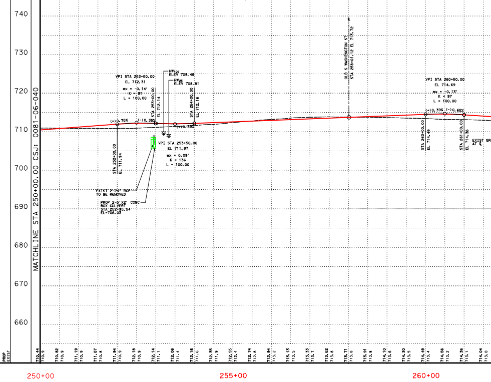
UTILITY DISCLAIMER

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.

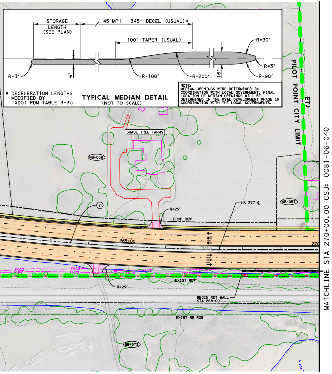


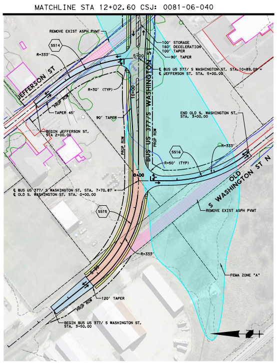
740
730
720
710
700
690
680
670
660
STRITTMATTER RD STA 244+70.06 EL 706.24
SOUTHSIDE DR. STA 245+94.10 EL 707.40
VPI STA 245+00.00
EL 706.70
ex = -0.09'
K = 133
L = 100.00
(+)1.50%
(+)0.75%
EXIST GROUND AT ℄
PGL AT ℄
STA 244+50.00 EL 705.95
STA 245+50.00 EL 707.07
MATCHLINE STA 250+00.00 CSJ: 0081-06-040
PROP EXIST
240+00
245+00
250+00

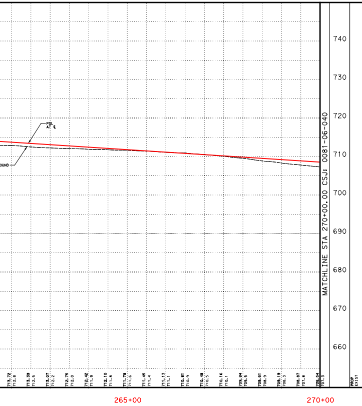
US 377 (45 mph)



740
730
720
710
700
690
680
670
660
MATCHLINE STA 250+00.00 CSJ: 0081-06-040
VPI STA 252+50.00
EL 712.31
ex = -0.14'
K = 91
L = 100.00
(+)0.75%
(-)0.35%
HW100 ELEV 709.48
HW25 ELEV 708.81
STA 253+00.00 EL 712.14
STA 254+00.00 EL 712.16
STA 252+00.00 EL 711.94
VPI STA 253+50.00
EL 711.97
ex = 0.09'
K = 136
L = 100.00
(+)0.39%
EXIST 2-24" RCP TO BE REMOVED
PROP 2-5'X2' CONC BOX CULVERT STA 252+95.54 EL=706.03
OLD S WASHINGTON ST. STA 258+01.12 EL 713.72
VPI STA 260+50.00
EL 714.69
ex = -0.13'
K = 97
L = 100.00
(+)0.39%
(-)0.65%
STA 260+00.00 EL 714.49
STA 261+00.00 EL 714.36
EXIST GR AT ℄
PROP EXIST
250+00
255+00
260+00


STORAGE
LENGTH
(SEE PLAN)
45 MPH - 345' DECEL (USUAL)*
100' TAPER (USUAL)
R=90'
R=3'
R=3'
6'
R=100'
R=200'
16'
R=90'
* 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.
PILOT POINT CITY LIMIT
ETJ
SHADE TREE FARMS
NB-056
NB-057
7
US 377 ℄
R=25'
PROP ROW
265+00
270
FOC2
EXIST ROW
R=25'
BEGIN RET WALL
STA 268+00
EXIST RR ROW
SB-073
704.5
MATCHLINE STA 270+00.00 CSJ: 0081-06-040


MATCHLINE STA 12+02.60 CSJ: 0081-06-040
REMOVE EXIST ASPH PVMT
SS14
R=333'
JEFFERSON ST
100' STORAGE
160' DECELERATION
100' TAPER
90' TAPER
5+00
℄ BUS US 377/ S WASHINGTON ST. STA. 10+89.09 =
℄ JEFFERSON ST. STA. 5+00.00
R=30' (TYP)
10+00
BUS US 377/S WASHINGTON ST
PROP ROW
TAPER 45'
90' TAPER
END OLD S. WASHINGTON ST.
STA. 3+00.00
BEGIN JEFFERSON ST.
STA 2+00.00
PROP ROW
SS16
R=333'
R=50' (TYP)
0+00
OLD S WASHINGTON ST N
℄ BUS US 377/ S WASHINGTON ST. STA. 7+70.87 =
℄ OLD S. WASHINGTON ST. STA. 0+00.00
SS15
REMOVE EXIST ASPH PVMT
R=333'
5+00
FEMA ZONE "A"
120' TAPER
PROP ROW
BEGIN BUS US 377/ S WASHINGTON ST.
STA. 3+50.00



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
5	P_377-5	217+31.09	7192245.59	2440688.671	2° 50' 50.44" (RT)	6480.00	0° 53' 03.10"	161.05	322.03	S 48° 13' 04.25" W	321.99	215+70.04
6	P_377-6	220+53.11	7192037.01	2440443.234	2° 50' 50.44" (LT)	6480.00	0° 53' 03.10"	161.05	322.03	S 48° 13' 04.25" W	321.99	218+92.07
7	P_377-7	249+26.47	7190069.81	2438348.801	39° 02' 43.54" (LT)	5729.58	1° 00' 00.00"	2031.51	3904.54	S 27° 16' 17.26" W	3829.43	228+94.96

CENTERLINE HARRISON ST 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
SS8	HARCURV1	2+31.45	7192428.12	2440508.88	14° 17' 12.58" (LT)	800.00	7° 09' 43.10"	100.2609	199.4818	S 7° 51' 43.15" E	198.97	1+31.19
SS9	HARCURV2	4+07.40	7192257.17	2440554.70	25° 56' 58.37" (LT)	333.00	17° 12' 21.38"	76.7247	150.8174	S 27° 58' 48.63" E	149.53	3+30.67

CENTERLINE FAIRLANE DR 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
SS10	P_FAIRLANE1	3+45.35	7192123.35	2440299.57	47° 39' 39.31" (RT)	150.00	38° 11' 49.87"	66.25	124.78	S 67° 53' 34.31" E	121.21	2+79.10

CENTERLINE ENTERPRISE DR 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
SS11	P_ENTERPRISE1	0+88.25	7191778.73	2440297.15	14° 30' 09.94" (RT)	575.00	9° 57' 52.14"	73.16	145.54	S 35° 57' 16.00" E	145.16	0+15.09
SS12	P_ENTERPRISE2	2+26.45	7191656.82	2440363.90	30° 04' 31.28" (RT)	245.00	23° 23' 09.72"	65.82	128.60	S 13° 39' 55.39" E	127.12	1+60.63

CENTERLINE HOLIDAY ST 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
SS13	_HOLIDAY1	4+47.20	7191679.706	2439994.87	18° 19' 39.90" (RT)	333.00	17° 12' 21.38"	53.7188	106.52	S 82° 22' 10.92" E	106.0663	3+93.48

CENTERLINE JEFFERSON ST 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
SS14	P_JEFFERSON1	3+91.82	7191172.47	2438998.03	38° 46' 42.62" (RT)	333.00	17° 12' 21.38"	117.20	225.38	S 18° 47' 42.52" W	221.10	2+74.62

CENTERLINE BUS US 377/S WASHINGTON ST 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
SS15	P_SWASH1	6+33.18	7191375.37	2438550.46	51° 03' 00.67" (LT)	333.00	17° 12' 21.38"	159.01	296.70	S 26° 17' 25.84" E	286.98	4+74.17

CENTERLINE OLD S WASHINGTON ST 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
SS16	OLD_SWASH1	1+94.56	7191124.12	2438555.16	38° 40' 57.54" (LT)	333.00	17° 12' 21.38"	116.88	224.82	S 18° 50' 35.06" W	220.58	0+77.68
SS18	OLD_SWASH2	3+54.27	7189150.90	2438184.38	48° 45' 13.12" (LT)	333.00	17° 12' 21.38"	150.89	283.35	S 17° 53' 26.24" E	274.88	2+03.38

CENTERLINE STRITTMATTER RD 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
SS17	P_STRITTMATT	2+29.03	7190120.88	2439039.40	30° 04' 54.85" (LT)	454.00	12° 37' 12.78"	121.99	238.36	S 73° 59' 51.99" E	235.63	1+07.03

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-031	PEDIGO, ROBERT F LIVING TRUST	801 S US 377	15.96
NB-032	PEDIGO, ROBERT F LIVING TRUST	S US 377	0.94
NB-033	PEDIGO, ROBERT F LIVING TRUST	1001 S US 377	1.38
NB-034	PILOT POINT PROPERTIES LLC	S US 377	0.43
NB-035	PILOT POINT PROPERTIES LLC	1013 S US 377	0.43
NB-036	STERMER, DEAN & MISTY	1037 S US 377	0.31
NB-037	STERMER, DEAN & MISTY	1045 S US 377	0.46
NB-038	LMT LAND INC	1101 S US 377	0.69
NB-039	LMT LAND INC	1129 S US 377	0.46
NB-040	LMT LAND INC	1137 S US 377	0.46
NB-041	ALLSUP, LONNIE D	S US 377	0.46
NB-042	ALLSUP, LONNIE D	1153 S US 377	0.46
NB-043	KIM FAMILY P/S	S US 377	0.46
NB-044	KIM FAMILY P/S	S US 377	0.46
NB-045	KIM FAMILY P/S	S US 377	0.33
NB-046	SHEPHERDS STOREHOUSE	1189 S US 377	0.56
NB-047	DAVID, J R EST ETAL	1201-1205 DAVID LN	1.34
NB-048	DENNIS PROPERTIES, LLC	1235 S US 377	1.48
NB-049	DOUBLE I PROPERTIES, LLC	10060 STRITTMATTER RD	39.74
NB-050	VARNEY, DEL	S US 377	1.04
NB-051	VARNEY, DEL	S US 377	1.18
NB-052	VARNEY, DEL	1291 S US 377	1.07
NB-053	DALLAS PETROLEUM LLC	1293 S US 377	0.34
NB-054	MARRIOTT, BOBBY L	-	2.27
NB-055	DOUBLE I PROPERTIES, LLC	-	37.04
NB-056	PATTERSON, GAY ANN	1301 S US 377	11.62
NB-057	STUCKEY, DOROTHY LIFE ESTATE &	1311 S US 377	1.00
SB-052	PILOT POINT ISD	S HARRISON ST	7.45
SB-053	SMITH, LINDSAY		0.90
SB-054	NORTMAN, DENNIS A JR & DIANE N	331 E FAIRLANE DR	0.27
SB-055	SITZES, PAUL	316 E HOLIDAY ST	2.14
SB-055A	BROOKS, CURTIS RANDALL	E HOLIDAY ST	0.41
SB-056	MCCUTCHEON, THOMAS & AMANDA	251 E HOLIDAY ST TX	0.63
SB-057	HUDSON, JOHNNY	1128 S US 377	2.49
SB-058	HUDSON, JOHNNY	1121 S JEFFERSON ST	2.49
SB-059	URSER, MELIN WAYNE & MARY ELIZABETH	-	0.07
SB-060	URSER, MELIN WAYNE & MARY ELIZABETH	1200 S US 377	0.35
SB-061	URSER, MELIN WAYNE & MARY ELIZABETH	1204 S US 377	0.28
SB-062	PILOT POINT, CITY OF	1214 S US 377	0.84
SB-063	ROBINSON, RONDA	1218 S US 377	0.24
SB-064	SMITHERS, ROBERT G	1222 S US 377	0.26
SB-065	RICHARD WILLIAMS LLC	1226 S US 377	0.92
SB-066	RICHESON RESTAURANTS CO #2	1238 S US 377	0.51
SB-067	HARVEY, J DAN ETAL	-	1.00
SB-068	MARRIOTT ENTERPRISES INC	1300 S US 377	1.82
SB-069	COFFEY, STEVE & BARBARA	1266 S WASHINGTON ST	0.51
SB-070	COFFEY, STEVE & BARBARA	1266 S WASHINGTON ST	1.01
SB-071	WALTER, EUGENE J & MARILYN J TRS E M W TRUST	S US 377	0.07
SB-072	WALTER, EUGENE J & MARILYN J TRS E M W TRUST	1280 S US 377	0.25
SB-073	EDWARDS, SCOTT	11670 MASSEY RD	49.95

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%

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 C235 - FEMA EFFECTIVE DATE 04/18/2011

P.T. STATION	BACK TANGENT	AHEAD TANGENT
218+92.07	S 46° 47′ 39.03" W	S 49° 38′ 29.47" W
222+14.09	S 49° 38′ 29.47" W	S 46° 47′ 39.03" W
267+99.50	S 46° 47′ 39.03" W	S 7° 44′ 55.48" W

P.T. STATION	BACK TANGENT	AHEAD TANGENT
3+30.67	S 0° 43′ 06.86" E	S 15° 00′ 19.45" E
4+81.49	S 15° 00′ 19.45" E	S 40° 57′ 17.81" E

P.T. STATION	BACK TANGENT	AHEAD TANGENT
4+03.88	N 88° 16′ 36.04" E	S 44° 03′ 44.65" E

P.T. STATION	BACK TANGENT	AHEAD TANGENT
1+60.63	S 43° 12′ 20.97" E	S 28° 42′ 11.03" E
2+89.24	S 28° 42′ 11.03" E	S 1° 22′ 20.26" W

P.T. STATION	BACK TANGENT	AHEAD TANGENT
5+00.00	N 88° 27′ 59.13" E	S 73° 12′ 20.97" E

P.T. STATION	BACK TANGENT	AHEAD TANGENT
5+00.00	S 0° 35′ 38.79" E	S 38° 11′ 03.83" W

P.T. STATION	BACK TANGENT	AHEAD TANGENT
7+70.87	S 0° 45′ 55.50" E	S 51° 48′ 56.17" E

P.T. STATION	BACK TANGENT	AHEAD TANGENT
3+02.50	S 38° 11′ 03.83" W	S 0° 29′ 53.71" E
4+86.73	S 6° 29′ 10.31" W	S 42° 16′ 02.80" E

P.T. STATION	BACK TANGENT	AHEAD TANGENT
3+45.40	S 58° 57′ 24.57" E	S 89° 02′ 19.42" 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

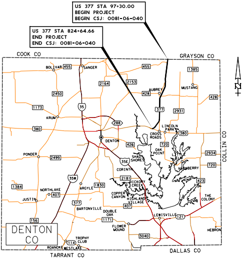
US 377

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
HARRISON ST	30 MPH	RURAL MAJOR COLLECTOR
FAIRLANE DR	30 MPH	MINOR ARTERIAL
ENTERPRISE DR	30 MPH	LOCAL
HOLIDAY ST	30 MPH	LOCAL
BUS US 377/S WASHINGTON ST	30 MPH	LOCAL
OLD S WASHINGTON ST	30 MPH	LOCAL
STRITTMATTER RD	30 MPH	LOCAL
SOUTHSIDE DR	30 MPH	LOCAL
JEFFERSON ST	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
N
BOLIVAR
SANGER
AUBREY
MUSTANG
KRUM
DENTON
LINCOLN PARK
CROSS ROADS
OAK POINT
SHADY SHORES
LITTLE ELM
HACKBERRY
CORINTH
PONDER
HICKORY CREEK
ARGYLE
NORTHLAKE
JUSTIN
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
1385
2164
2153
2450
428
35
377
2931
1173
288
380
426
720
2934
2499
35E
2181
35W
423
1384
1830
407
121
156
1171
3040
114

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

Dustin C. Ogle
91101
10/6/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

ROLL 3 of 15

OCTOBER 2020

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