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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

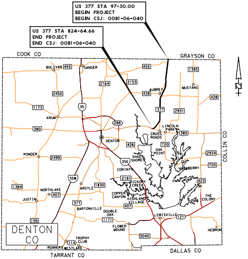
US 377

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
TISDELL ST	30 MPH	LOCAL
DEMOYE ST	30 MPH	LOCAL
MEADOW LN	30 MPH	LOCAL
FM 428/SPRINGHILL RD	30 MPH	RURAL MAJOR COLLECTOR
PINE RIDGE ST	30 MPH	LOCAL
CHESTNUT ST	30 MPH	LOCAL
HIGHMEADOW DR	30 MPH	LOCAL
STANLEY 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
DALLAS CO
TARRANT CO
DENTON CO
SANGER
BOLIVAR
AUBREY
MUSTANG
KRUM
PONDER
DENTON
CROSS ROADS
LINCOLN PARK
OAK POINT
SHADY SHORES
CORINTH
HICKORY CREEK
NORTHLAKE
ARGYLE
JUSTIN
COPPER CANYON
HIGHLAND VILLAGE
BARTONVILLE
DOUBLE OAK
FLOWER MOUND
LEWISVILLE
THE COLONY
HACKBERRY
LITTLE ELM
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
N

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

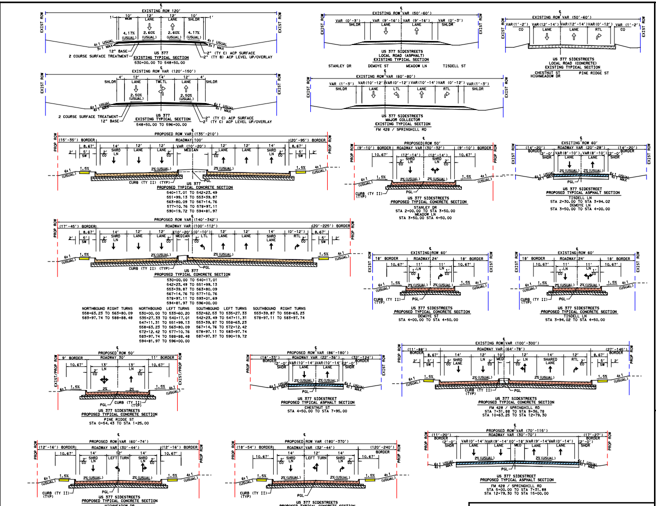
Dustin C. Ogle
91101
10/7/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

ROLL 8 of 15

OCTOBER 2020

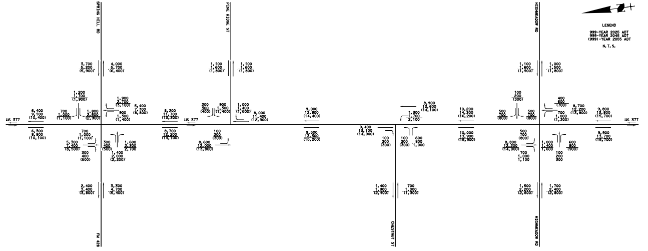
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET


EXISTING ROW 120'
US 377 EXISTING TYPICAL SECTION 530+00.00 TO 548+50.00
US 377 EXISTING TYPICAL SECTION 548+50.00 TO 596+00.00
2 COURSE SURFACE TREATMENT
12" BASE
2" (TY C) ACP SURFACE
2" (TY B) ACP LEVEL UP/OVERLAY
US 377 SIDESTREETS LOCAL ROAD (ASPHALT) EXISTING TYPICAL SECTION
STANLEY DR
DEMOYE ST
MEADOW LN
TISDELL ST
US 377 SIDESTREETS LOCAL ROAD (CONCRETE) EXISTING TYPICAL SECTION
CHESTNUT ST
HIGHMEADOW DR
PINE RIDGE ST
US 377 SIDESTREETS MAJOR COLLECTOR EXISTING TYPICAL SECTION
FM 428 / SPRINGHILL RD
US 377 PROPOSED TYPICAL CONCRETE SECTION
540+17.01 TO 542+23.49
551+99.13 TO 553+39.87
563+80.09 TO 567+14.76
577+10.76 TO 578+97.11
590+19.72 TO 594+81.97
US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
STANLEY DR
STA 2+00.00 TO STA 3+50.00
MEADOW LN
STA 3+50.00 STA 4+50.00
US 377 SIDESTREET PROPOSED TYPICAL ASPHALT SECTION
TISDELL LN
STA 2+30.00 TO STA 3+94.02
DEMOYE LN
STA 3+50.00 TO STA 4+00.00
US 377 PROPOSED TYPICAL CONCRETE SECTION
530+00.00 TO 540+17.01
542+23.49 TO 551+99.13
553+39.87 TO 563+80.09
567+14.76 TO 577+10.76
578+97.11 TO 593+01.69
594+81.97 TO 596+00.00

NORTHBOUND RIGHT TURNS	NORTHBOUND LEFT TURNS	SOUTHBOUND LEFT TURNS	SOUTHBOUND RIGHT TURNS
558+63.23 TO 563+80.09	530+00.00 TO 533+60.20	532+62.53 TO 535+27.33	553+39.87 TO 558+63.23
583+97.74 TO 588+88.48	535+27.33 TO 540+17.01	542+23.49 TO 547+11.31	578+97.11 TO 583+97.74
	547+11.31 TO 551+99.13	553+39.87 TO 558+63.23	
	558+63.23 TO 563+80.09	567+14.76 TO 572+12.42	
	572+12.42 TO 577+10.76	578+97.11 TO 583+97.74	
	583+97.74 TO 588+88.48	587+97.37 TO 590+19.72	
	594+81.97 TO 596+00.00		

US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
DEMOYE ST
STA 4+00.00 TO STA 4+50.00
US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
TISDELL LN
STA 3+94.02 TO STA 4+50.00
US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
PINE RIDGE ST
STA 0+54.43 TO STA 1+25.00
US 377 SIDESTREET PROPOSED TYPICAL ASPHALT SECTION
CHESTNUT ST
STA 4+50.00 TO STA 7+95.00
US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
FM 428 / SPRINGHILL RD
STA 7+31.88 TO STA 9+56.78
STA 10+63.25 TO STA 12+79.30
US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
HIGHMEADOW DR
STA 2+00.00 TO STA 4+44.12
STA 5+57.68 TO STA 7+50.00
US 377 SIDESTREETS PROPOSED TYPICAL CONCRETE SECTION
CHESTNUT ST
STA 7+95.00 TO STA 9+51.40
US 377 SIDESTREET PROPOSED TYPICAL ASPHALT SECTION
FM 428 / SPRINGHILL RD
STA 5+00.00 TO STA 7+31.88
STA 12+79.30 TO STA 15+00.00

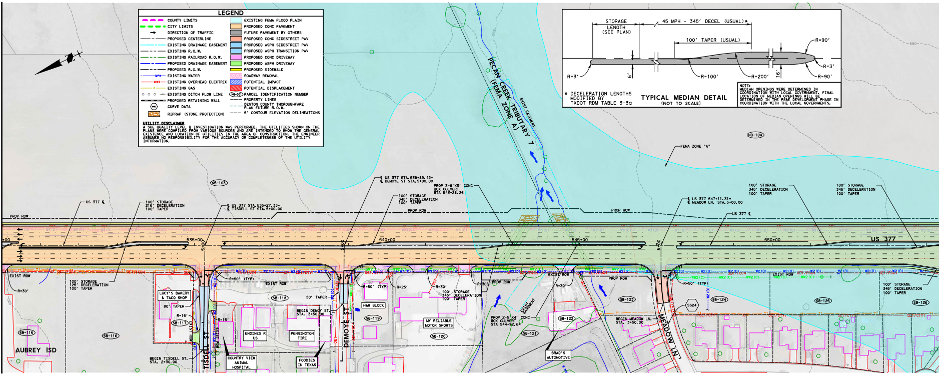
TYPICAL SECTIONS


SPRING HILL RD
PINE RIDGE ST
HIGHMEADOW RD
FM 428
CHESTNUT ST
US 377
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 530+00.00 CSJ: 0081-06-040


PECAN CREEK TRIBUTARY 7
(FEMA ZONE A)
EXIST EASEMENT
FEMA ZONE "A"
NB-103
NB-104
US 377 ℄
100' STORAGE
215' DECELERATION
100' TAPER
℄ US 377 STA.535+27.33=
℄ TISDELL ST STA.5+00.00
PROP ROW
535+00
540+00
545+00
550+00
US 377
℄ US 377 STA.538+89.12=
℄ DEMOYE ST STA.5+00.00
100' STORAGE
345' DECELERATION
100' TAPER
PROP 3-8'X3' CONC
BOX CULVERT
STA 543+28.26
℄ US 377 547+11.31=
℄ MEADOW LN. STA.5+00.00
EXIST ROW
R=30'
100' STORAGE
125' DECELERATION
100' TAPER
LUCY'S BAKERY & TACO SHOP
80' TAPER
R=15'
SB-115
SB-116
SB-117
AUBREY ISD
BEGIN TISDELL ST.
STA. 2+30.00
TISDELL ST
R=50' (TYP)
SB-118
50' TAPER
BEGIN DEMOY ST.
STA. 3+50.00
ENGINES R US
PENNINGTON TIRE
COUNTRY VIEW ANIMAL HOSPITAL
FOODIES IN TEXAS
DEMOYE ST
H&R BLOCK
SB-119
R=25'
MY RELIABLE MOTOR SPORTS
SB-120
PROP ROW
PROP 2-5'X4' CONC
BOX CULVERT
STA 544+92.64
SB-121
SB-122
BRAD'S AUTOMOTIVE
SB-123
BEGIN MEADOW LN.
STA. 3+50.00
MEADOW LN
SS24
SB-124
SB-125
SB-126

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
OHE1	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.

TYPICAL MEDIAN DETAIL
(NOT TO SCALE)

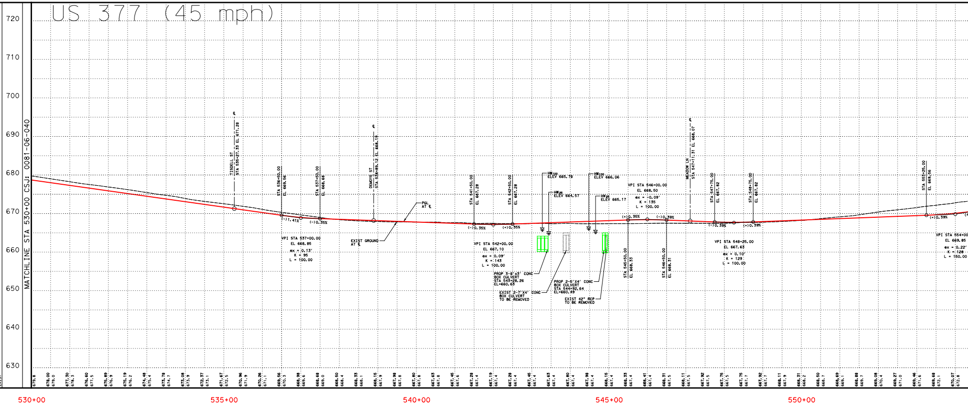
STORAGE
LENGTH
(SEE PLAN)
45 MPH - 345' DECEL (USUAL)*
100' TAPER (USUAL)
R=3'
6'
R=100'
R=200'
16'
R=90'
R=3'
R=90'

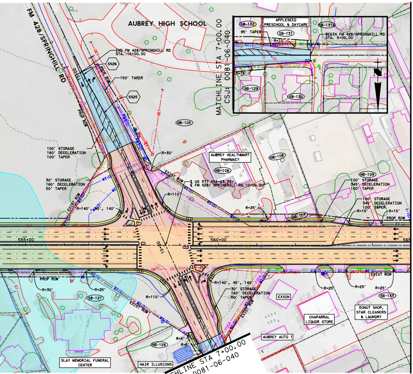
* DECELERATION LENGTHS MODIFIED BY TXDOT RDM TABLE 3-3a

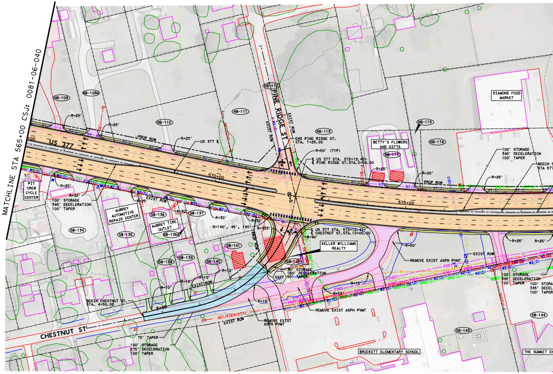
NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.

US 377 (45 mph)

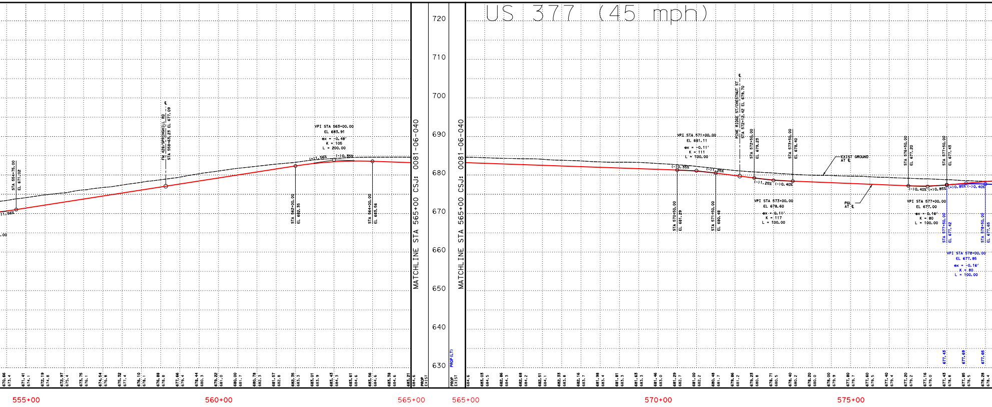
MATCHLINE STA 530+00.00 CSJ: 0081-06-040

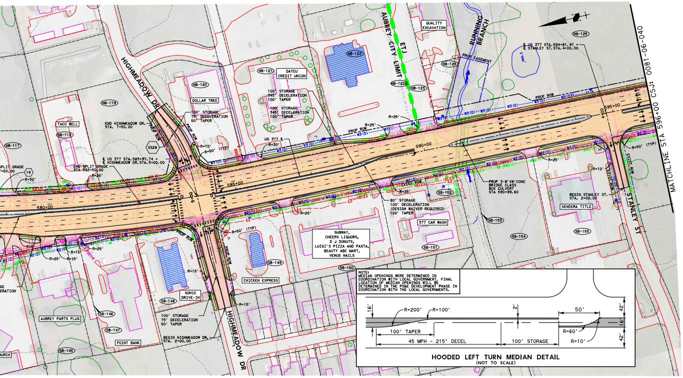


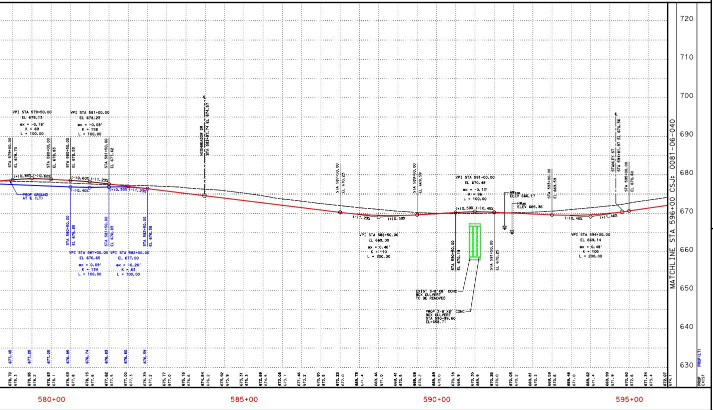

FM 428/SPRINGHILL RD
AUBREY HIGH SCHOOL
END FM 428/SPRINGHILL RD
STA. 16+00.00
150' TAPER
S526
S525
NB-105
100' STORAGE
160' DECELERATION
100' TAPER
30' STORAGE
160' DECELERATION
50' TAPER
R=30'
AUBREY HEALTHMART PHARMACY
NB-106
NB-108
NB-109
℄ US 377 558+63.23=
℄ FM 428/SPRINGHILL RD. 10+00.00
R=110'
R=140', 45', 140'
R=25'
100' STORAGE
345' DECELERATION
100' TAPER
R=15'
PROP ROW
EXIST ROW
555+00
560+00
SB-127
SB-128
SB-133
R=140', 45', 140'
30' STORAGE
160' DECELERATION
50' TAPER
EXXON
CHAPARRAL LIQUOR STORE
DONUT SHOP, STAR CLEANERS & LAUNDRY
AUBREY AUTO 1
SLAY MEMORIAL FUNERAL CENTER
HAIR ILLUSIONS
MATCHLINE STA 7+00.00
CSJ: 0081-06-040
MATCHLINE STA 7+00.00
CSJ: 0081-06-040
SB-132
APPLESEED PRESCHOOL & DAYCARE
SB-131A
95' TAPER
SB-131
BEGIN FM 428/SPRINGHILL RD
STA. 5+00.00
SB-129
SB-130
MATCHLINE STA 565+00.00 CSJ: 0081-06-040


MATCHLINE STA 565+00 CSJ: 0081-06-040
US 377
NB-109
NB-109A
NB-110
NB-111
NB-112
PINE RIDGE ST
NB-113
END PINE RIDGE ST.
STA. 1+25.00
R=50' (TYP)
℄ US 377 STA. 572+12.42=
℄ PINE RIDGE ST. STA. 0+00.00
NB-114
NB-115
NB-116
BETTY'S FLOWERS AND GIFTS
DIAMOND FOOD MARKET
100' STORAGE
345' DECELERATION
100' TAPER
BEGIN
R=25'
PROP ROW
EXIST ROW
570+00
575+00
PIT CREW CYCLE CENTER
100' STORAGE
345' DECELERATION
100' TAPER
AUBREY AUTOMOTIVE REPAIR CENTER
AUBREY TIRE OUTLET
SB-134
SB-136
SB-136A
SB-137
SB-138
SB-139
SB-140
SB-141
SB-142
R=140', 45', 140'
R=333'
℄ US 377 STA. 572+12.42=
℄ CHESTNUT ST. STA. 10+00.00
R=90'
KELLER WILLIAMS REALTY
R=50'
REMOVE EXIST ASPH PVMT
30' STORAGE
160' DECELERATION
50' TAPER
S527
BEGIN CHESTNUT ST.
STA. 4+50.00
CHESTNUT ST
75' TAPER
100' STORAGE
275' DECELERATION
100' TAPER
REMOVE EXIST ASPH PVMT
SB-143
SB-144
BROCKETT ELEMENTARY SCHOOL
THE SUMMIT

US 377 (45 mph)




HIGHMEADOW DR
AUBREY CITY LIMIT
ETJ
RUNNING BRANCH
QUALITY EXCAVATION
DATCU CREDIT UNION
DOLLAR TREE
TACO BELL
SUBWAY, CHEERS LIQUORS, D J DONUTS, LUIGI'S PIZZA AND PASTA, BEAUTY ABC MART, VENUS NAILS
377 CAR WASH
SENDERA TITLE
CHICKEN EXPRESS
SONIC DRIVE-IN
AUBREY PARTS PLUS
POINT BANK
STANLEY ST
END HIGHMEADOW DR. STA. 7+50.00
℄ US 377 STA.583+97.74 = ℄ HIGHMEADOW DR.STA.5+00.00
END SPLIT GRADE STA 582+50.00
℄ US 377 STA.594+81.97 = ℄ STANLEY ST.STA.4+00.00
BEGIN STANLEY ST. STA. 2+00.00
BEGIN HIGHMEADOW DR. STA. 2+00.00
100' STORAGE 75' DECELERATION 50' TAPER
100' STORAGE 345' DECELERATION 100' TAPER
80' STORAGE 100' DECELERATION (DESIGN WAIVER REQUIRED) 100' TAPER
PROP 3-8'X8' CONC BRIDGE CLASS BOX CULVERT STA 590+99.60
PROP EASEMENT
PROP ROW
EXIST ROW
580+00
585+00
590+00
595+00
MATCHLINE STA 596+00 CSJ: 0081-06-040
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.
R=200'
R=100'
16'
2'
50'
42'
100' TAPER
45 MPH - 215' DECEL
100' STORAGE
R=60'
R=10'
HOODED LEFT TURN MEDIAN DETAIL
(NOT TO SCALE)


VPI STA 579+50.00 EL 679.13 ex = -0.18' K = 69 L = 100.00
VPI STA 581+00.00 EL 678.23 ex = -0.08' K = 158 L = 100.00
VPI STA 581+00.00 EL 676.65 ex = -0.09' K = 134 L = 100.00
VPI STA 582+00.00 EL 677.00 ex = -0.20' K = 63 L = 100.00
VPI STA 588+50.00 EL 669.00 ex = 0.46' K = 110 L = 200.00
VPI STA 591+00.00 EL 670.48 ex = -0.13' K = 96 L = 100.00
VPI STA 594+00.00 EL 669.14 ex = 0.48' K = 105 L = 200.00
HIGHMEADOW DR STA 583+97.74 EL 674.57
STANLEY ST STA 594+81.97 EL 670.36
PROP GROUND AT ℄ (LT)
HW100 ELEV 666.17
HW25 ELEV 665.36
EXIST 3-8'X8' CONC BOX CULVERT TO BE REMOVED
PROP 3-8'X8' CONC BOX CULVERT STA 590+99.60 EL=658.71
720
710
700
690
680
670
660
650
640
630
580+00
585+00
590+00
595+00
PROP (LT)
PROP
EXIST
MATCHLINE STA 596+00 CSJ: 0081-06-040

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 LENGT
19	P_377-19	577+91.44	7158113.65	2431619.90	23° 06' 31.37" (LT)	3819.72	1° 30' 00.00"	780.91	1540.58	S 13° 45' 36.63" W	1530.16

CENTERLINE MEADOW LN CURVE DATA											
CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGT
SS24	P_MEADOW1	3+17.45	7160977.78	2432768.26	25° 56' 14.63" (RT)	510.00	11° 14' 04.08"	117.45	230.87	S 77° 39' 15.00" E	228.91

CENTERLINE FM 428/SPRINGHILL 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 LENGT
SS25	P_SPRINGHILL1	13+97.39	7159854.06	2432841.76	5° 06' 21.25" (LT)	1039.00	5° 30' 52.24"	46.33	92.59	S 87° 49' 41.69" E	92.56
SS26	P_SPRINGHILL2	14+85.14	7159861.29	2432929.27	4° 34' 21.25" (RT)	1039.00	5° 30' 52.24"	41.48	82.92	S 87° 33' 41.69" E	82.90

CENTERLINE CHESTNUT 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 LENGT
SS27	P_CHESTNUT1	8+15.01	7158727.71	2431645.82	70° 06' 32.47" (LT)	333.00	17° 12' 21.38"	233.64	407.47	S 32° 39' 33.18" E	382.52

CENTERLINE HIGHMEADOW 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 LENGT
SS28	P_HIGHMEADOW1	6+22.51	7157486.91	2431721.33	21° 56' 34.49" (LT)	400.00	14° 19' 26.20"	77.55	153.19	N 78° 48' 10.22" E	152.26

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS
NB-103	ALW 377 LLC	460 US 377
NB-104	ALW 377 LLC	US 377
NB-105	AUBREY ISD	-
NB-106	SDC OPTIONS LLC	701 US 377
NB-107	CGW GROUP LLC	707 S US 377
NB-108	CGW GROUP LLC	-
NB-109	HARDIN, JIMMIE	715 S US 377
NB-109A	PRATOR, MARGARET	519 S US 377
NB-110	PRATOR, MARGARET	S US 377
NB-111	AUBREY ASCENT ASSETS, LLC	PINE RIDGE LN
NB-112	AUBREY ISD	US 377
NB-113	AUBREY ASCENT ASSETS, LLC	PINE RIDGE LN
NB-114	REDFEARN, PAUL	901 US 377
NB-115	REDFEARN, PAUL	US 377
NB-116	DIAMOND FOOD MARKETS INC	911 US 377
NB-117	DIAMOND FOOD MARKETS INC	911 US 377
NB-118	K-MAC ENTERPRISES INC	US 377
NB-119	O'REILLY AUTO ENTERPRISES LLC	HIGHMEADOW DR
NB-120	FD AUBREY LLC	915 S US 377
NB-121	DENTON AREA TEACHERS C/U	5650 S US 377
NB-122	IMO BETTY LP	921 S US 377
NB-122A	AUBREY, CITY OF	-
NB-123	HODGES, SAM W	US 377
NB-124	WILSON, GARLAND & TERRI	-
NB-125	HOPPER, JACK S	5502 US HIGHWAY 377
SB-115	AUBREY ISD	US 377
SB-116	COULSON, GENEVA	US 377
SB-117	SEGURA, IRENE MINERVA & SAUL	423 TISDELL
SB-118	DEMOYE	-
SB-119	HOLLAR, WAYNE D	102 N US 377
SB-120	SMITH, RYAN	106 US 377
SB-121	OLD SOUTH ROYALTY CO	US 377
SB-122	HINES, BRAD S	210 S US 377
SB-123	FOOD EXPERIENCE CORPORATION	US 377
SB-124	THONG, SINA	US 377
SB-125	THONG, SINA	US 377
SB-126	SPARKS, ARTHUR W & LINDA O	US 377
SB-127	CINTER ENTERPRISES INC	400 S US 377
SB-128	HAIR ILLUSIONS	-
SB-129	MONROE, DAVID	-
SB-130	JONES, JANET	-
SB-131	GREGORIO, RAFAEL J	-
SB-131A	BRENNER, MARVIN	-
SB-132	SPARS LLC	704 US 377
SB-133	SCRIBNER PROPERTIES LLC	718 US 377
SB-134	SCRIBNER PROPERTIES	US 377
SB-135	BIGLEY, GARY	800 S US 377
SB-136	WHITE, STEVE R & ROBIN M	802 US 377
SB-136A	WHITE, STEVE R & ROBIN M	US 377
SB-137	WHITE, STEVEN RAY & ROBIN BYBEE	802 US 377
SB-138	PELPHREY, CONNIE TR REVOCABLE TRUST	-
SB-139	ARBER, DEBBIE C	-
SB-140	DE ORAMAS, SIRA	-
SB-141	VIP REI TX LLC	-
SB-142	DUTCH RENTALS, LLC	806 US 377
SB-143	AUBREY ISD	900 CHESTNUT ST
SB-144	AUBREY CHURCH OF CHRIST	940 US 377
SB-145	VOLUNTEER ENTERPRISES LLC	916 US 377
SB-146	VOLUNTEER ENTERPRISES III LLC	US 377
SB-147	PILOT POINT BANCORP INC	922 US 377
SB-148	REALTY INCOME PROPERTIES 27 LLC	924 US 377
SB-149	CLARKE, PATRICK J DBA CHICKEN EXPRESS	926 US 377
SB-150	EUNICE PARK INVESTMENTS INC	928 US 377
SB-151	BBC WASH, LLC	930 S US 377
SB-152	H&N JV INC	-
SB-153	AUBREY, CITY OF	226 COUNTRYSIDE DR
SB-154	AUBREY INVESTMENTS LTD	US 377
SB-155	FIRST SECURITY BANK	958 US 377

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
556+20.00	-2.0%	556+20.00	-2.0%
556+70.00	-1.5%	556+70.00	-1.5%
560+55.00	-1.5%	560+55.00	-1.5%
561+05.00	-2.0%	561+05.00	-2.0%
582+55.00	-2.0%	582+55.00	-2.0%
583+05.00	-1.5%	583+05.00	-1.5%
584+80.00	-1.5%	584+80.00	-1.5%
585+30.00	-2.0%	585+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 C544 & C545 - FEMA EFFECTIVE DATE 04/18/2011

TH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
	570+10.54	585+51.12	S 25° 18′ 52.32" W	S 2° 12′ 20.94"

TH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
	2+00.00	4+30.87	N 89° 22′ 37.69" E	S 64° 41′ 07.68"

TH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
	13+51.07	14+43.66	S 89° 37′ 07.68" E	N 85° 16′ 31.07"
	14+43.66	15+26.58	N 85° 16′ 31.07" E	N 89° 50′ 52.32"

TH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
	5+81.37	9+88.84	S 2° 23′ 43.05" W	S 67° 42′ 49.42"

TH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
	5+44.97	6+98.16	N 89° 46′ 27.46" E	N 67° 49′ 52.97"

ACRES
57.81
57.61
48.38
0.96
0.18
0.49
3.86
1.19
0.88
0.87
0.74
1.70
0.47
0.00
0.87
0.79
0.65
1.11
1.00
1.53
1.75
0.25
1.59
0.19
29.89
2.07
2.05
0.42
0.22
0.43
1.00
0.84
0.45
0.43
0.63
0.73
0.54
2.05
0.40
0.28
0.28
0.46
0.81
1.11
0.73
0.63
0.37
0.28
0.04
0.26
0.17
0.17
0.17
0.20
0.37
10.70
1.50
0.86
0.21
1.03
0.72
0.80
1.24
0.83
0.10
6.41
0.86
1.16

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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

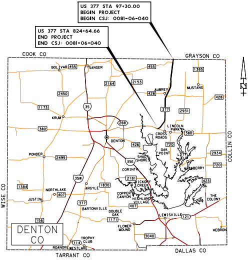
US 377

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
TISDELL ST	30 MPH	LOCAL
DEMOYE ST	30 MPH	LOCAL
MEADOW LN	30 MPH	LOCAL
FM 428/SPRINGHILL RD	30 MPH	RURAL MAJOR COLLECTOR
PINE RIDGE ST	30 MPH	LOCAL
CHESTNUT ST	30 MPH	LOCAL
HIGHMEADOW DR	30 MPH	LOCAL
STANLEY 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
MUSTANG
AUBREY
KRUM
LINCOLN PARK
CROSS ROADS
DENTON
OAK POINT
PONDER
SHADY SHORES
LITTLE ELM
HACKBERRY
CORINTH
HICKORY CREEK
ARGYLE
NORTHLAKE
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
JUSTIN
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
1385
2164
2153
428
2450
35
377
2931
1173
288
380
426
720
2934
2499
35E
2181
35W
1830
423
1384
407
121
156
1171
3040
114
N

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

Dustin C. Ogle
91101
10/7/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

ROLL 8 of 15

OCTOBER 2020

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