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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E.   DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

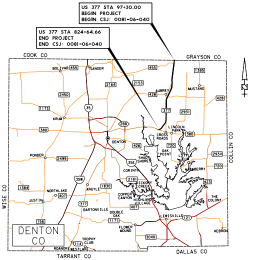
US 377

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
E BURKS ST	30 MPH	RURAL MAJOR COLLECTOR
FM 1192	30 MPH	MINOR ARTERIAL
FM 455	30 MPH	MINOR ARTERIAL
GEE ST	30 MPH	LOCAL
DEBBIE LN	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
LITTLE ELM
SHADY SHORES
HACKBERRY
CORINTH
PONDER
HICKORY CREEK
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
NORTHLAKE
JUSTIN
ARGYLE
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
2164
2153
2450
428
1385
1173
35
377
2931
288
380
426
720
2934
2499
35E
35W
2181
1830
1384
407
423
121
156
1171
3040
114
N

tnp

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

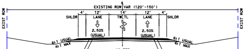
Dustin C. Ogle
91101
10/6/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

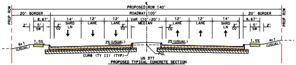
50 0 50 100
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 2 of 15

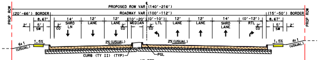
OCTOBER 2020


EXISTING ROW VAR (120'-150')
EXIST ROW
4'
12'
14'
12'
4'
SHLDR
LANE
TWLTL
LANE
SHLDR
2.50% (USUAL)
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
155+00.00 TO 215+00.00

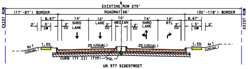

PROPOSED ROW 140'
ROADWAY 100'
20' BORDER
20' BORDER
PROP ROW
8.67'
5' SW
2'
2' CO
14' SHRD LN
12' LANE
12' LANE
VAR (10'-20') MEDIAN
12' LANE
12' LANE
14' SHRD LN
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

US 377
PROPOSED TYPICAL CONCRETE SECTION
155+00.00 TO 155+33.52
165+09.52 TO 174+80.99
184+98.30 TO 195+72.56
205+94.80 TO 212+92.49

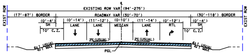

PROPOSED ROW VAR (140'-216')
ROADWAY VAR (100'-112')
(20'-66') BORDER
(15'-50') BORDER
PROP ROW
8.67'
5' SW
2'
2' CO
14' SHRD LN
12' LANE
12' LANE
(10'-20') MEDIAN
(0'-10') LTL
12' LANE
12' LANE
14' SHRD LANE
(0'-12') RTL
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

US 377
PROPOSED TYPICAL CONCRETE SECTION
155+33.52 TO 165+09.52
174+80.99 TO 184+98.30
195+72.56 TO 205+94.80
212+92.49 TO 215+00.00

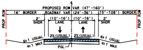
NORTHBOUND LEFT TURNS	NORTHBOUND RIGHT TURNS	SOUTHBOUND LEFT TURNS	SOUTHBOUND RIGHT TURNS
160+21.50 TO 165+09.52	179+88.81 TO 184+98.30	155+33.52 TO 160+21.50	174+80.29 TO 179+88.81
179+88.81 TO 184+98.30		174+80.99 TO 179+88.81	212+92.49 TO 215+00.00
195+72.56 TO 199+48.80		198+48.80 TO 201+06.80	
201+06.80 TO 205+94.80		213+25.79 TO 215+00.00	


EXISTING ROW 275'
ROADWAY 66'
(17'-87') BORDER
(30'-118') BORDER
EXIST ROW
8.67'
5' SW
2'
2' CO
14' SHRD LANE
12' LANE
10' MEDIAN
14' SHRD LANE
12' RTL
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

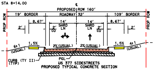
US 377 SIDESTREET
PROPOSED TYPICAL CONCRETE SECTION
FM 1192
STA 8+14.00 TO STA 9+50.00


EXISTING ROW VAR (94'-275')
ROADWAY VAR (30'-70')
(17'-87') BORDER
(30'-118') BORDER
EXIST ROW
(0'-4') SH
10' C.Z.
(0'-14') LANE
(11'-12') LANE
(0-10') MEDIAN
(11'-14') LANE
(0'-12') RTL
(0'-4') SH
10' C.Z.
2% (USUAL)
2% (USUAL)
6:1 USUAL
4:1 MAX
PGL

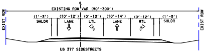
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
FM 1192
STA 4+50.00 TO STA 8+14.00


PROPOSED ROW VAR (47'-160')
ROADWAY VAR (24'-36')
16' BORDER
(15'-108') BORDER
PROP ROW
2' SHDR
(10'-16') LANE
(10'-16') LANE
2' SHDR
2% (USUAL)
2% (USUAL)
6:1 USUAL
4:1 MAX
PGL

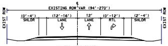
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
DEBBIE LN
STA 1+07.08 TO STA 4+50.00


PROPOSED ROW 160'
ROADWAY 32'
19' BORDER
109' BORDER
PROP ROW
8.67'
2'
2' CO
14' SHRD LN
14' SHRD LN
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

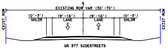
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
DEBBIE LN
STA 0+50.00 TO STA 1+07.08


EXISTING ROW VAR (90'-300')
EXIST ROW
(1'-3') SHLDR
(10'-12') LANE
(0'-12') LTL
(10'-14') LANE
(0'-12') RTL
(1'-3') SHLDR

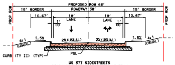
US 377 SIDESTREETS
MAJOR COLLECTOR
EXISTING TYPICAL SECTION
FM 1192


EXISTING ROW VAR (94'-270')
EXIST ROW
(0'-4') SHLDR
(12'-16') LANE
12' LANE
(0'-12') RTL
(2'-4') SHLDR

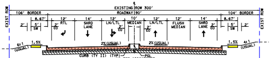
US 377 SIDESTREETS
LOCAL ROAD (ASPHALT)
EXISTING TYPICAL SECTION
FM 455


EXISTING ROW VAR (30'-70')
EXIST ROW
(0'-3') SHLDR
(9'-16') LANE
(9'-16') LANE
(0'-3') SHLDR

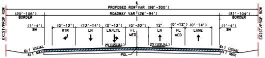
US 377 SIDESTREETS
LOCAL ROAD EXISTING (ASPHALT)
DEBBIE LN   GEE ST
E BURKS ST


PROPOSED ROW 68'
ROADWAY 38'
15' BORDER
15' BORDER
PROP ROW
10.67'
18' LANE
18' LANE
1' CO
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

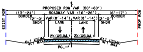
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
E BURKS ST
STA 2+25.00 TO STA 3+50.00


EXISTING ROW 300'
ROADWAY 90'
106' BORDER
104' BORDER
EXIST ROW
8.67'
5' SW
2'
2' CO
12' RTL
14' SHRD LANE
12' LN/LTL
10' MEDIAN
12' LN/LTL
12' FLUSH MEDIAN
14' SHRD LANE
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

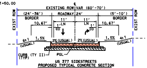
US 377 SIDESTREET
PROPOSED TYPICAL CONCRETE SECTION
FM 455
STA 10+50.00 TO STA 11+51.93


PROPOSED ROW VAR (98'-300')
ROADWAY VAR (26'-94')
(20'-106') BORDER
(31'-104') BORDER
EXIST/PROP ROW
(1'-4') SH
(0'-12') RTR
(12'-14') LN
(0'-12') LN/LTL
(0'-22') FL MED
12' LN
(0'-12') FL MED
(0'-14') LANE
(1'-4') SH
2% (USUAL)
2% (USUAL)
6:1 USUAL
4:1 MAX
PGL

US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
FM 455
STA 11+51.93 TO STA 21+50.00

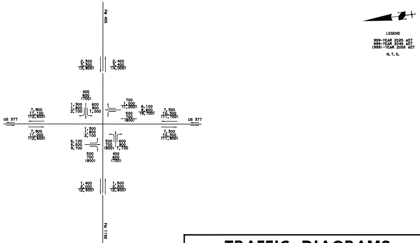

PROPOSED ROW VAR (50'-60')
ROADWAY VAR (16'-26')
(13'-24') BORDER
(6'-17') BORDER
EXIST ROW
PROP ROW
(2'-0') SHDR
VAR (8'-14') LANE
VAR (8'-14') LANE
(2'-0') SHDR
2% (USUAL)
2% (USUAL)
6:1 USUAL
4:1 MAX
PGL

US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
GEE ST
STA 00+50.00 TO STA 1+93.09


EXISTING ROW VAR (60'-70')
ROADWAY 24'
(24'-36') BORDER
(5'-10') BORDER
EXIST ROW
10.67'
11' LN
11' LN
1' CO
6:1 (USUAL)
1.5%
2% (USUAL)
2% (USUAL)
4:1 (USUAL)
CURB (TY II) (TYP)
PGL

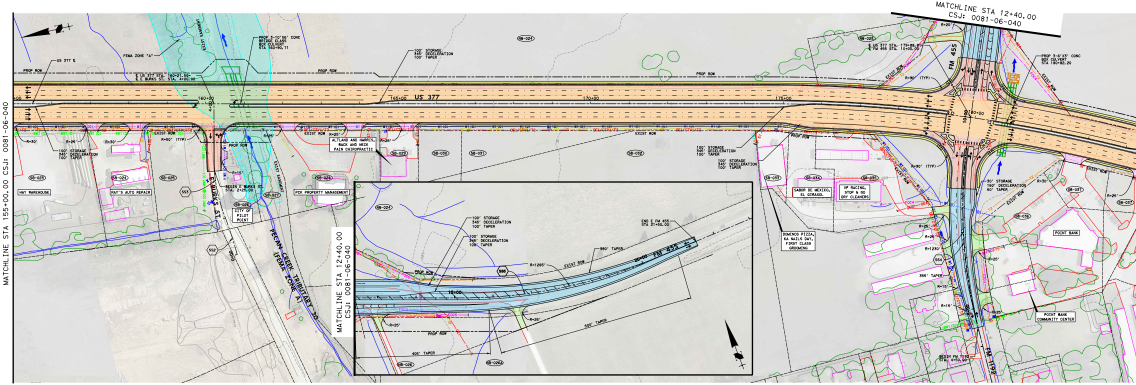
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
GEE ST
STA 1+93.09 TO STA 2+47.88

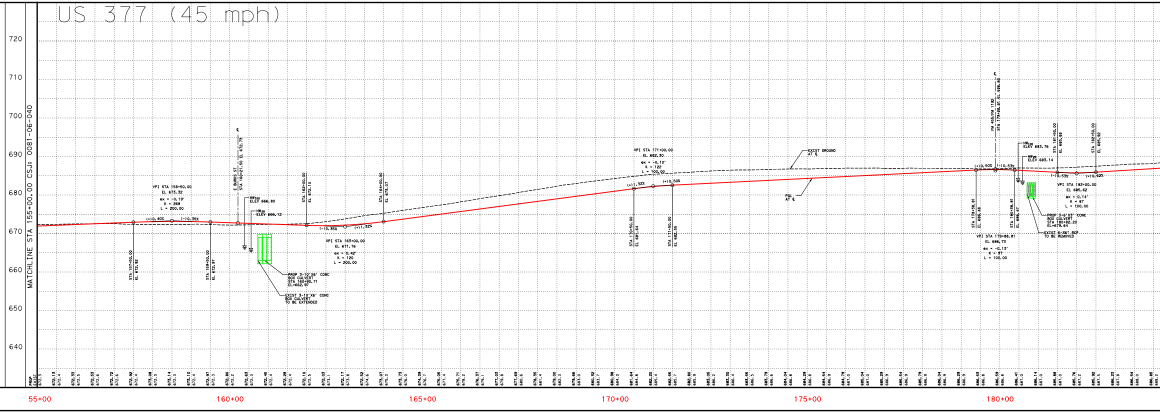
TYPICAL SECTIONS

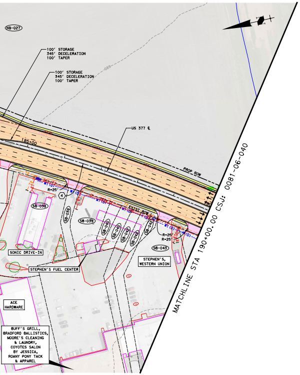

FM 455
FM 1192
US 377
US 377
2,300
3,300
(3,800)
2,400
3,400
(4,000)
400
600
(700)
1,300
1,800
2,100
600
900
1,000
700
1,000
(1,200)
500
700
(800)
6,100
8,600
(9,700)
7,900
11,100
(12,600)
7,300
10,300
(11,700)
7,900
11,000
(12,600)
7,300
10,300
(11,800)
1,300
1,800
2,100
6,100
8,500
9,700
500
700
(800)
600
900
1,100
500
700
(800)
400
600
(700)
1,400
2,000
(2,300)
1,500
2,200
(2,600)
LEGEND
999-YEAR 2025 ADT
999-YEAR 2045 ADT
(999)-YEAR 2055 ADT
N.T.S.

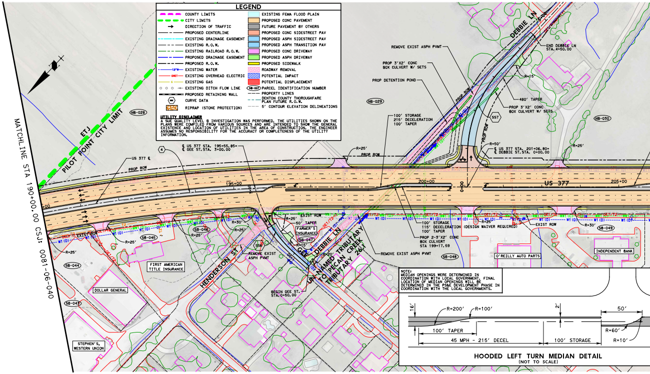
TxDOT TPP APPROVAL GRANTED 09-22-2020
TRAFFIC DATA PROVIDED BY OTHON, INC. ON 07-13-2020

TRAFFIC DIAGRAMS


MATCHLINE STA 155+00.00 CSJ: 0081-06-040
MATCHLINE STA 12+40.00
CSJ: 0081-06-040
US 377 ℄
PROP ROW
FEMA ZONE "A"
EXIST EASEMENT
PROP 3-10'X6' CONC BRIDGE CLASS BOX CULVERT STA 160+90.71
℄ US 377 STA. 160+21.50=
℄ E BURKS ST. STA. 4+00.00
160+00
4+00
165+00
US 377
170+00
175+00
180+00
10+00
R=30'
R=25'
R=30'
R=50' (TYP)
EXIST ROW
PROP ROW
R=25'
R=15'
100' STORAGE
345' DECELERATION
100' TAPER
SB-023
SB-024
SB-025
SB-026
SB-027
SB-028
SB-029
SB-030
SB-031
SB-032
SB-033
SB-034
SB-035
SB-036
SB-037
NB-024
NB-025
NB-026
NB-026A
SS2
SS3
SS4
SS5
HAY WAREHOUSE
RAY'S AUTO REPAIR
E BURKS ST
BEGIN E BURKS ST. STA. 2+25.00
CITY OF PILOT POINT
PCK PROPERTY MANAGEMENT
ALTLAND AND HARRIS, BACK AND NECK PAIN CHIROPRACTIC
PECAN CREEK TRIBUTARY 30 (FEMA ZONE A)
0+00
100' STORAGE
345' DECELERATION
100' TAPER
END E FM 455
STA 21+50.00
980' TAPER
R=1265'
EXIST ROW
20+00
FM 455
15+00
PROP ROW
R=25'
600' TAPER
405' TAPER
℄ US 377 STA. 179+88.81=
℄ FM 455 STA. 10+00.00
FM 455
R=20'
R=90' (TYP)
PROP 3-6'X3' CONC BOX CULVERT STA 180+82.20
EXIST ROW
30' STORAGE
160' DECELERATION
50' TAPER
R=30'
R=25'
SABOR DE MEXICO, EL GIRASOL
VP RACING, STOP & GO DRY CLEANERS
DOMINOS PIZZA, KA NAILS DAY, FIRST CLASS GROOMING
POINT BANK
POINT BANK COMMUNITY CENTER
R=1230'
355' TAPER
R=15'
BEGIN FM 1192
STA. 4+50.00
FM 1192




NB-027
100' STORAGE
345' DECELERATION
100' TAPER
100' STORAGE
345' DECELERATION
100' TAPER
US 377 ℄
185+00
PROP ROW
R=25'
EXIST ROW
R=25'
R=25'
SB-038
SB-039
SB-040
SB-041
SB-042
SB-043
SONIC DRIVE-IN
STEPHEN'S FUEL CENTER
STEPHEN'S WESTERN UNION
ACE HARDWARE
BUFF'S GRILL, BRADFORD BALLISTICS, MOORE'S CLEANING & LAUNDRY, COYOTES SALON BY JESSICA, ROANY PONY TACK & APPAREL
MATCHLINE STA 190+00.00 CSJ: 0081-06-040


MATCHLINE STA 190+00.00 CSJ: 0081-06-040
ETJ
PILOT POINT CITY LIMIT
NB-028
NB-029
NB-030
US 377 ℄
PROP ROW
℄ US 377 STA. 195+55.85=
℄ GEE ST.STA. 3+00.00
195+00
200+00
205+00
US 377
REMOVE EXIST ASPH PVMT
PROP 3'X2' CONC BOX CULVERT W/ SETS
PROP DETENTION POND
DEBBIE LN
END DEBBIE LN STA. 4+50.00
R=15'
480' TAPER
PROP 3'X2' CONC BOX CULVERT W/ SETS
100' STORAGE
215' DECELERATION
100' TAPER
R=25'
R=50'
℄ US 377 STA. 201+06.80=
℄ DEBBIE ST.STA. 0+00.00
R=25'
EXIST ROW
50' TAPER
100' STORAGE
115' DECELERATION (DESIGN WAIVER REQUIRED)
100' TAPER
PROP 2-3'X2' CONC BOX CULVERT STA 199+17.59
REMOVE EXIST ASPH PVMT
EXIST ROW
R=30'
R=25'
R=30'
R=25'
R=15'
R=20'
SB-044
SB-045
SB-046
SB-047
SB-048
SB-049
FIRST AMERICAN TITLE INSURANCE
FARMER'S INSURANCE
DOLLAR GENERAL
STEPHEN'S WESTERN UNION
O'REILLY AUTO PARTS
INDEPENDENT BANK
HENDERSON ST
GEE ST
DEBBIE LN
UNNAMED TRIBUTARY TO PECAN CREEK TRIBUTARY 26.1
REMOVE EXIST ASPH PVMT
BEGIN GEE ST. STA. 0+50.00
16'
R=200'
R=100'
2'
50'
100' TAPER
45 MPH - 215' DECEL
100' STORAGE
R=60'
R=10'

LEGEND

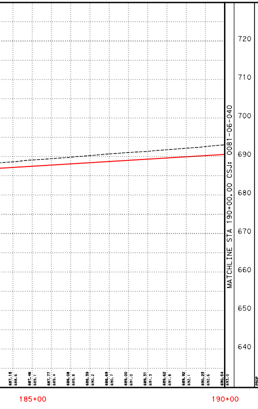
	COUNTY LIMITS		EXISTING FEMA FLOOD PLAIN
	CITY LIMITS		PROPOSED CONC PAVEMENT
→	DIRECTION OF TRAFFIC		FUTURE PAVEMENT BY OTHERS
	PROPOSED CENTERLINE		PROPOSED CONC SIDESTREET PAV
	EXISTING DRAINAGE EASEMENT		PROPOSED ASPH SIDESTREET PAV
	EXISTING R.O.W.		PROPOSED ASPH TRANSITION PAV
	EXISTING RAILROAD 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

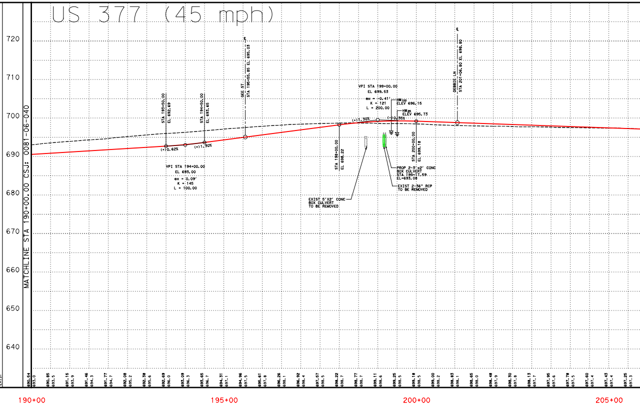
A SUE QUALITY LEVEL B INVESTIGATION WAS PERFORMED. THE UTILITIES SHOWN ON THE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE UTILITY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

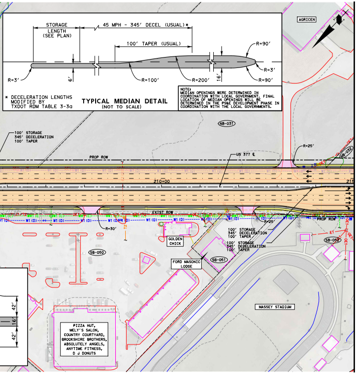
NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.

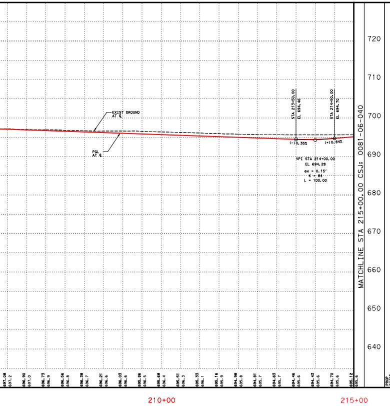
HOODED LEFT TURN MEDIAN DETAIL
(NOT TO SCALE)



US 377 (45 mph)




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.
AGRICEN
NB-031
100' STORAGE
345' DECELERATION
100' TAPER
PROP ROW
US 377 ℄
R=25'
NB-032
210+00
215
EXIST ROW
W1 (D)
WW1 (C)
OE1/T2
R=30'
T2
R=25'
PROP ROW
GOLDEN CHICK
SB-050
100' STORAGE
345' DECELERATION
100' TAPER
100' STORAGE
345' DECELERATION
100' TAPER
FORD MASONIC LODGE
SB-051
SB-052
E1
OE1
MASSEY STADIUM
PIZZA HUT, MELY'S SALON, COUNTRY COURTYARD, BROOKSHIRE BROTHERS, ABSOLUTELY ANGELS, ANYTIME FITNESS, D J DONUTS
42'
16'
42'
MATCHLINE STA 215+00.00 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 LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
4	P_377-4	186+25.70	7194417.74	2443001.31	33° 44' 56.66" (RT)	3819.72	1° 30' 00"	1158.67	2249.94	S 29° 55' 10.70" W	2217.55	174+67.03	197+16.97	S 13° 02' 42.37" W	S 46° 47' 39.03" W

CENTERLINE E BURKS 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS2	P_BURKS1	0+56.85	7196986.65	2443251.05	5° 43' 29.98" (LT)	1000.00	5° 43' 46.48"	50.00	99.92	N 84° 47' 30.19" E	99.88	0+06.85	1+06.77	N 87° 39' 15.18" E	N 81° 55' 45.20" E
SS3	P_BURKS2	1+80.85	7197004.08	2443373.90	20° 59' 04.49" (RT)	400.00	14° 19' 26.20"	74.08	146.50	S 87° 34' 42.55" E	145.68	1+06.77	2+53.27	N 81° 55' 45.20" E	S 77° 05' 10.31" E

CENTERLINE FM 1192 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	BACK TANGENT	AHEAD TANGENT
SS4	P_FM405E1	7+00.48	7195157.14	2442825.55	22° 03' 42.88" (RT)	1230.00	4° 39' 29.50"	239.78	473.62	S 80° 03' 30.57" E	470.69	4+60.70	9+34.32	N 88° 54' 37.98" E	S 69° 01' 39.13" E

CENTERLINE FM 455 E 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	BACK TANGENT	AHEAD TANGENT
SS5	P_FM405E2	17+73.58	7194770.93	2443833.10	22° 33' 41.89" (LT)	1265.00	4° 31' 45.52"	252.33	498.13	S 80° 13' 30.08" E	494.91	15+21.25	20+19.38	S 69° 01' 39.13" E	N 88° 24' 38.97" E

CENTERLINE GEE 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS6	GEECURV1	2+03.75	7193792.67	2442185.79	34° 10' 22.34" (RT)	333.00	17° 12' 21.38"	102.36	198.61	S 74° 18' 02.93" E	195.68	1+01.39	3+00.00	N 88° 36' 45.90" E	S 57° 12' 51.76" E

CENTERLINE DEBBIE 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 LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS7	P_DEB1	2+13.54	7193201.96	2442081.81	43° 44' 18.37" (RT)	333.00	17° 12' 21.38"	133.66	254.21	S 21° 20' 11.79" E	248.08	0+79.88	3+34.09	S 43° 12' 20.97" E	S 0° 31' 57.40" W

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-024	FIELDS, BERT, JR	N US 377	314.49
NB-025	FIELDS, BERT, JR	N US 377	0.48
NB-026	DUESMAN, JEFFREY J	-	0.46
NB-026A	DUSEMAN, JEFFREY J	-	19.10
NB-027	DUESMAN-ROSS PROPERTIES, LLC	FM 455 E	20.22
NB-028	DUESMAN-ROSS PROPERTIES, LLC	-	2.23
NB-029	PRAKULRAM LLC	835 DEBBIE LN	20.11
NB-030	AG-TECHNOLOGY INC	S US 377	16.24
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
SB-023	HUDSPETH, NORA JO LIVING TRUST	500 N US 377	1.71
SB-024	KLEMENT, KIRK K	400 N US 377	0.76
SB-025	CITY OF PILOT POINT	N US 377	0.76
SB-026	PILOT POINT, CITY OF	-	0.40
SB-027	PULLEN, W C	N US 377	0.31
SB-028	KERN, PETER C	256 N US 377	0.91
SB-029	ALTLAND & HARRIS FINANCIAL GROUP INC	246 N US 377	0.46
SB-030	CHANDLER, CLARENCE RAY, JR	N US 377	0.16
SB-031	KERN, PETER C	-	0.13
SB-032	KERN, PETER C	N US 377	15.87
SB-033	KOO, DO HOE	100 N US 377	0.27
SB-034	H&E COUNTERTOPS LLC	110 N US 377	0.56
SB-035	S K INTEGRATED INC	110 N US 377	1.13
SB-036	POINTBANK	-	1.50
SB-037	POINTBANK	S US 377	0.67
SB-038	SPIRIT MASTER FUNDING X LLC	300 S US 377	1.21
SB-039	ZB EAGLE PARTNERS LTD P/S	S US 377	0.26
SB-040	ZB EAGLE PARTNERS LTD P/S	400 S US 377	0.21
SB-042	ZB EAGLE PARTNERS LTD P/S	S US 377	0.08
SB-043	REZ ENTERPRISES INC	444 S US 377	1.54
SB-044	DOLGENCORP OF TEXAS INC	460 S US 377	0.86
SB-045	BRS PROP LTD	500 S US 377	0.99
SB-046	MARKLE, SONIA K	520 S US 377	0.29
SB-047	LIBERTY RE HOLDINGS LLC	600 S US 377	0.22
SB-048	O'REILLY AUTO ENTERPRISES LLC	660 S US 377	2.77
SB-049	NORTHSTAR BANK OF TEXAS	700 S US 377	1.06
SB-050	P.D. PILOT POINT LP	790 S US 377	4.95
SB-051	MASONIC LODGE PILOT POINT	824 S US 377	0.44
SB-052	PILOT POINT ISD	S HARRISON ST	7.45

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
178+05.00	-2.0%	178+05.00	-2.0%
178+55.00	-1.5%	178+55.00	-1.5%
181+20.00	-1.5%	181+20.00	-1.5%
181+70.00	-2.0%	181+70.00	-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 C161 - FEMA EFFECTIVE DATE 04/18/2011

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TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

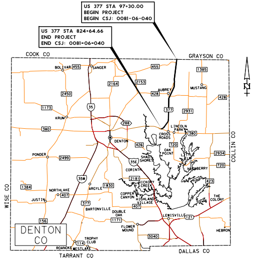
US 377

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
E BURKS ST	30 MPH	RURAL MAJOR COLLECTOR
FM 1192	30 MPH	MINOR ARTERIAL
FM 455	30 MPH	MINOR ARTERIAL
GEE ST	30 MPH	LOCAL
DEBBIE LN	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
LITTLE ELM
HACKBERRY
SHADY SHORES
CORINTH
PONDER
HICKORY CREEK
COPPER CANYON
HIGHLAND VILLAGE
ARGYLE
NORTHLAKE
JUSTIN
BARTONVILLE
DOUBLE OAK
LEWISVILLE
THE COLONY
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
2164
2153
1385
2450
428
1173
35
377
2931
288
380
426
720
2934
2499
35E
2181
1384
35W
1830
423
407
156
1171
121
3040
114
N

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 2 of 15

OCTOBER 2020

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