Texas Department of Transportation

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DALLAS DISTRICT

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

DESIGN SCHEMATIC SH 5

FROM: SOUTH OF FM 1378 TO: SOUTH OF CR 275

COLLIN COUNTY

FUNCTIONAL CLASSIFICATIONS	
URBAN PRINCIPAL ARTERIAL	SS 399 MAINLANE, SH 5 MAINLAINE, US 380 (W UNIVERSITY DR), RAMPS
URBAN MINOR ARTERIAL	FM 1378(COUNTRY CLUB RD), FM 546(HARRY MCKILLOP BLVD), ELDORADO PKWY/INDUSTRIAL BLVD
URBAN COLLECTOR	FRISCO RD, STEWART RD, SS 399 FRONTAGE ROAD, SH 5 FRONTAGE ROAD, E VIRGINIA ST, E LOUISIANA ST, TENNESSEE ST, N CHURCH ST, WILMETH RD
RURAL MAJOR COLLECTOR	SS 195 (WESTON RD)
URBAN/RURAL LOCAL	ALL OTHER STREETS

DESIGN SPEED	
60 MPH	SS 399 MAINLANE
40 MPH	SH 5 MAINLAINE, RAMPS, FM 1378 (COUNTRY CLUB RD), SPUR 399 FRONTAGE ROAD, SH 5 FRONTAGE ROAD, FM 546 (HARRY MCKILLOP BLVD), ELDORADO PKWY/INDUSTRIAL BLVD, US 380 (W UNIVERSITY DR), SS 195 (WESTON RD)
30 MPH	ALL OTHER STREETS

HORIZ. SCALE IN FEET
0 50 100 150 200
0 10 20 30 40
VERT. SCALE IN FEET

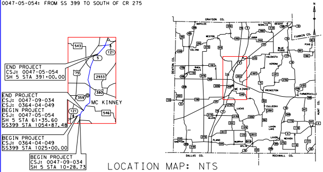
PROJECT LENGTH

7.21 MI

CSJ LIMITS

0047-09-034: FROM SOUTH OF FM 1378 TO SS 399
0364-04-049: SS 399 AT SH 5
0047-05-054: FROM SS 399 TO SOUTH OF CR 275

BASIS OF DESIGN: TxDOT ROADWAY DESIGN MANUAL 2018
EQUATIONS: NONE
RAILROADS: NONE
DESIGN EXCEPTIONS:
DESIGN SPEED AT TWO LOCATIONS



543
121
5
75
2933
380
359
121
546
MC KINNEY
END PROJECT
CSJ: 0047-05-054
SH 5 STA 391+00.00
END PROJECT
CSJ: 0047-09-034
CSJ: 0364-04-049
BEGIN PROJECT
CSJ: 0047-05-054
SH 5 STA 61+35.60
SS399 STA 1054+87.48
BEGIN PROJECT
CSJ: 0364-04-049
SS399 STA 1025+00.00
BEGIN PROJECT
CSJ: 0047-09-034
SH 5 STA 10+28.73
GRAYSON CO.
FANNIN CO.
DENTON CO.
HUNT CO.
DALLAS CO.
ROCKWALL CO.
N

LOCATION MAP: NTS

APRIL 3, 2020

PRELIMINARY
FOR INTERIM REVIEW ONLY.
NOT FOR PERMITTING, BIDDING,
OR CONSTRUCTION.
Prepared by or under the
Direct Supervision of
CAREN D. CHAMBERS P.E. 99772
4/3/2020

INDEX OF ROLLS

ROLL 1 OF 10 PLAN & PROFILE SH 5 STA 10+28.73 TO STA 45+00 & STA 70+33.69 TO STA 95+00
ROLL 2 OF 10 PLAN & PROFILE SH 5 STA 45+00 TO STA 70+33.69
ROLL 3 OF 10 PLAN & PROFILE SH 5 & SPUR 399 FRONTAGE ROADS
ROLL 4 OF 10 PLAN & PROFILE SH 5 STA 95+00 TO STA 150+00
ROLL 5 OF 10 PLAN & PROFILE SH 5 STA 150+00 TO STA 205+00
ROLL 6 OF 10 PLAN & PROFILE SH 5 STA 205+00 TO STA 260+00
ROLL 7 OF 10 PLAN & PROFILE SH 5 STA 260+00 TO STA 316+00
ROLL 8 OF 10 PLAN & PROFILE SH 5 STA 316+00 TO STA 369+00
ROLL 9 OF 10 PLAN & PROFILE SH 5 STA 369+00 TO STA END PROJ
ROLL 10 OF 10 PROFILE CROSS STREETS

Michael Baker
INTERNATIONAL
1501 LBJ Freeway,
Suite 650,
Dallas, TX 75234
TBPE Registration No. F-2677

PLAN & PROFILE

SH 5

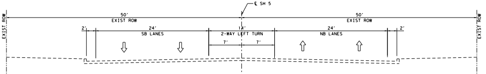
STA 150+00 TO STA 205+00

ROLL 5 OF 10 ROLLS

DESIGNED BY:	FED.RD. DIV.NO.	FEDERAL AID PROJECT NO.			ROLL NO.
BAKER	6	XX (XX) XXXX			S-005
DRAWN BY:	STATE	DIST.	COUNTY		
BAKER	TEXAS	DAL	COLLIN		
CHECKED BY:	CONT	SEC	JOB		HIGHWAY NO.
BAKER	0047	05	054, etc.		SH 5

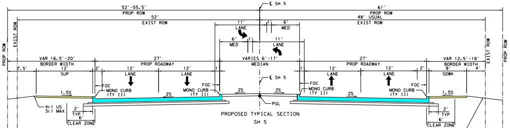
DATE: 4/3/2020
FILE: ...\5RPP00*S105.dgn
ROLLPLOT - V8i*BAKER*WIN*CO*PDF.pltcfg

TIME: 11:39:40 PM
PEN TABLE - SH5*TxDOT*McKinney*Schematic.tbl



℄ SH 5
EXIST ROW
50'
EXIST ROW
2'
24'
SB LANES
14'
2-WAY LEFT TURN
7'
7'
24'
NB LANES
2'
50'
EXIST ROW
EXIST ROW

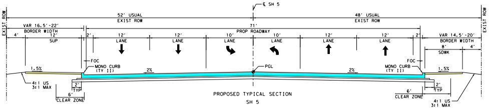
EXISTING TYPICAL SECTION
SH 5
STA 123+18 TO STA 232+41
NTS



℄ SH 5
PROP ROW
EXIST ROW
52'-55.5'
PROP ROW
52'
EXIST ROW
11'
LANE
1'
6'
MED
6'
MED
1'
11'
LANE
61'
PROP ROW
48' USUAL
EXIST ROW
VAR 16.5'-20'
BORDER WIDTH
7.5'
12'
SUP
27'
PROP ROADWAY
2'
12'
LANE
12'
LANE
1'
VARIES 6'-17'
MEDIAN
1'
27'
PROP ROADWAY
12'
LANE
12'
LANE
2'
VAR 12.5'-18'
BORDER WIDTH
8'
SDWK
4'
FOC
MONO CURB (TY II)
FOC
MONO CURB (TY II)
℄ SH 5
1.5%
2%
2%
2%
FOC
MONO CURB (TY II)
FOC
MONO CURB (TY II)
2%
1.5%
PGL
4:1 US
3:1 MAX
2'
TYP
6'
CLEAR ZONE
2'
TYP
6'
CLEAR ZONE
4:1 US
3:1 MAX
EXIST ROW
PROP ROW

1. SEE PLAN VIEW AND TURN LANE DETAIL TABLE FOR LOCATIONS OF TURN LANES
2. CROSS SLOPES SHOWN ARE USUAL. SEE CROSS SLOPE TRANSITION TABLE FOR MORE DETAIL.

PROPOSED TYPICAL SECTION
SH 5
STA 123+14 TO STA 184+68
STA 186+70 TO STA 229+62
NTS

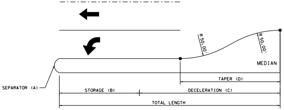


℄ SH 5
EXIST ROW
52' USUAL
EXIST ROW
48' USUAL
EXIST ROW
EXIST ROW
VAR 16.5'-22'
BORDER WIDTH
4'
12'
SUP
71'
PROP ROADWAY
2'
12'
LANE
12'
LANE
10'
LANE
10'
LANE
12'
LANE
12'
LANE
2'
VAR 14.5'-20'
BORDER WIDTH
8'
SDWK
4'
FOC
MONO CURB (TY II)
1.5%
2%
PGL
2%
FOC
MONO CURB (TY II)
1.5%
4:1 US
3:1 MAX
2'
TYP
6'
CLEAR ZONE
2'
TYP
6'
CLEAR ZONE
4:1 US
3:1 MAX

PROPOSED TYPICAL SECTION
SH 5
STA 184+68 TO STA 186+70
NTS

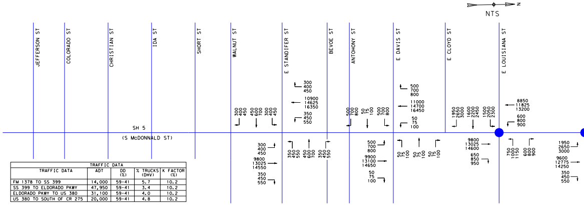
TURN LANE DETAIL TABLE

CROSS STREET	MEDIAN NOSE STA @ SH 5	MEDIAN NOSE RADIUS (FT)	STORAGE (FT)	DECELERATION (FT)	TAPER (FT)	TOTAL LENGTH (FT)	L/R	SB/NB
		(A)	(B)	(C)	(D)			
JEFFERSON ST	150+85.24	3	40	160	50	200	L	NB
JEFFERSON ST	151+45.24	3	100	160	50	260	L	SB
CHRISTIAN ST	158+87.41	3	100	160	50	260	L	NB
CHRISTIAN ST	159+47.41	3	100	160	50	260	L	SB
E STANDIFER ST	168+04.68	3	100	160	50	260	L	NB
E STANDIFER ST	168+56.58	3	60	160	50	220	L	SB
ANTHONY ST	172+37.30	3	40	160	50	200	L	NB
ANTHONY ST	172+97.32	3	100	160	60	260	L	SB
E DAVIS ST	179+36.55	3	100	160	50	260	L	NB
E DAVIS ST	179+96.55	3	100	160	50	260	L	SB
E HUNT ST	191+50.61	3	40	160	50	200	L	NB
E LAMAR ST	196+13.30	3	40	160	50	200	L	NB



R 50.00'
R 50.00'
MEDIAN
TAPER (D)
SEPARATOR (A)
STORAGE (B)
DECELERATION (C)
TOTAL LENGTH

TURN LANE DETAIL



NTS
JEFFERSON ST
COLORADO ST
CHRISTIAN ST
IDA ST
SHORT ST
WALNUT ST
E STANDIFER ST
BEVOE ST
ANTHONY ST
E DAVIS ST
E CLOYD ST
E LOUISIANA ST
SH 5
(S McDONNALD ST)

TRAFFIC DATA				
TRAFFIC DATA	ADT	DD (%)	% TRUCKS (DHV)	K FACTOR (%)
FM 1378 TO SS 399	14,000	59-41	5.7	10.2
SS 399 TO ELDORADO PKWY	47,950	59-41	3.4	10.2
ELDORADO PKWY TO US 380	31,100	59-41	4.0	10.2
US 380 TO SOUTH OF CR 275	20,000	59-41	4.8	10.2

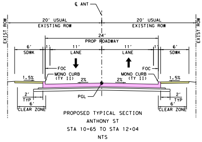
PROPERTY OWNERS

SOURCE:
COLLIN COUNTY APPRAISAL DISTRICT
JULY 2019

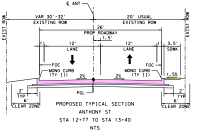
ID#	SITE ADDRESS	OWNER	BUSINESS NAME
88	1001 S MCDONALD ST	RVKG LLC	BAKERS DRIVE IN
89	1000 S MCDONALD ST	RAMAN M PATEL	HANDY MART
90	915 S MCDONALD ST	EDWARD C MOUNGER	SPORTSMAN GLASS
91	914 S MCDONALD ST	SHELLEY CHAPMAN	
92	911 S MCDONALD ST	EDWARD C MOUNGER	JOSHS COLLISION REPAIR
93	911 S MCDONALD ST	EDWARD C MOUNGER	JOSHS COLLISION REPAIR
94	906 S MCDONALD ST	FERNANDO CAMARILLO & CAMPOS	
95	903 S MCDONALD ST	ALVARADO ARNULFO	ARNOLD'S
96	902 S MCDONALD ST	TAEK T RA	902 MCDONALD RETAIL
97	901 S MCDONALD ST	H & B PARTNERS LLC	MCKINNEY AUTO SALES
98	900 S MCDONALD ST	BLJ REAL ESTATE LLC	FIESTA AUTO SALES
99	811 S MCDONALD ST	SIMON SERENO	INCOME TAX SERVICE
100	812 S MCDONALD ST	BRIAN S SHAFFER	TC SNOWCONE
101	809 S MCDONALD ST	LINDA SUE SWEENEY ETAL	
102	806 WILCOX ST	EARL & LINDA B CRAWFORD	
103	800 S MCDONALD ST	BRIAN S SHAFFER	MCKINNEY JEWELRY AND LOAN
104	400 CHRISTIAN ST	EARL & LINDA B CRAWFORD	
105	707 CHESTNUT ST	DELTA ELM INVESTMENT GROUP LLC	
106	707 N MCDONALD ST	TARA 1 VILLAGE LLC	
107	705 S CHESTNUT ST	DELTA ELM INVESTMENT GROUP LLC	
108	MCDONALD ST	JOSE CARLOS COLMENERO & REBECCA ANN	
109	702 S MCDONALD ST	DELTA ELM INVESTMENT GROUP LLC	
110	701 S CHESTNUT ST	ARMANDO & CONSUELO LOERA	
111	S MCDONALD ST	JOSE CARLOS COLMENERO & REBECCA ANN	
112	701 S MCDONALD ST	ARMANDO ORBEGOSO	BOX BROS AUTO SALES
113	600 MCDONALD ST	FULL GOSPEL HOLY TEMPLE INC	FULL GOSPEL HOLY TEMPLE
114	403 SHORT ST	ANTONIO SANTANA & TERESA GUERRERO	EL PRIMO TAQUERIA
115	511 S CHESTNUT ST	DELTA ELM INVESTMENT GROUP LLC	
116	512 WILCOX ST	KATHERINE LUNA	
117	507 S CHESTNUT ST	DELTA ELM INVESTMENT GROUP LLC	
118	507 S MCDONALD ST	MAGDALENE KAEMPF PAMPALLONA	
119	505 S CHESTNUT ST	ALMA RUTH & ERNESTO Z JASSO	
120	506 WILCOX ST	NEW OUTREACH CHURCH OF MCKINNEY	OUT REACH CHURCH OF GOD
121	502 S MCDONALD ST	JOHN YOUNG	DE BI CA CARIAS TIRE SHOP
122	501 S MCDONALD ST	IDLEFONSO GUTIERREZ	ALLIED BONDING
123	413 S CHESTNUT ST	NOE BENAVIDEZ PADRON	
124	410 S MCDONALD ST	INTERCAMBIO REALTY LLC	YA Z MINS/INTERCAMBIO
125	409 S MCDONALD ST	LBS HOLDINGS LLC	CHICKEN EXPRESS
126	405 S CHESTNUT ST	HERITAGE GUILD OF COLLIN COUNTY	HERITAGE GUILD OF COLLIN COUNTY
127	302 ANTHONY ST	HERITAGE GUILD OF COLLIN	HERITAGE GUILD OF COLLIN CO
128	315 S CHESTNUT ST	HERITAGE GUILD OF COLLIN COUNTY	HERITAGE GUILD OF COLLIN COUNTY
129	307 S MCDONALD ST	TOMMY & BRENDA EUBANKS	
130	301 S MCDONALD ST	IVEFERR INVESTMENTS LP	
131	300 E DAVIS ST	PLAYFUL BUILDING ONE LLC	PLAYFUL CORP
132	205 S MCDONALD ST	CHARLES O MONROE	DELTA BAIL BONDS
133	203 S MCDONALD ST	HUNTINGTON SERIES	COLLIN SQUARE
134	S CHESTNUT ST	CITY OF MCKINNEY	WATER TOWER
135	MCDONALD ST	CITY OF MCKINNEY	
136	103 S MCDONALD ST	JENNIFER LEE NAM	SHELL
137	E CLOYD ST	CITY OF MCKINNEY	
137A	316 E LOUISIANA ST	AURORA FRANCO	
138	335 E LOUISIANA ST	INTERMCKINNEY LLC	ADELPHOI
139	108 N MCDONALD ST	BANJO VENTURES LTD	ACTION INSURANCE
140	101 N MCDONALD ST	SHWU YING WANG	101 N. MCDONALD ST RETAIL STRIP
141	201 N MCDONALD ST	DORSA PROPERTIES LLC	BEST PRICE AUTO GROUP
142	200 N MCDONALD ST	DUNLAP GROUP DEVELOPMENT LLC	SOLO AUTO GROUP
143	211 N MCDONALD ST	ROBERT L & THOMASON	THOMASON TIRE INC
144	215 N MCDONALD ST	RONNIE D & THOMASON	
145	301 N MCDONALD ST	CITY OF MCKINNEY	MCKINNEY FIRE STATION #1
146	341 E VIRGINIA ST	DUNLAP GROUP DEVELOPMENT LLC	COLLIN COUNTY FENCE SUPPLY/COLLIN COUNTY STEEL &
147	315 N MCDONALD ST	SELF STORAGE UNITS LLC	MCKINNEY MINI-STORAGE / THE RED BEER BARN
148	400 N MCDONALD ST	AZAM MIRBAGHERY	
149	405 N MCDONALD ST	PHIL YOUNG PROPERTIES LLC	405 N MCDONALD ST
150	402 N MCDONALD ST	KEIKAVOUS KAZEMI	
151	501 N MCDONALD ST	JOHN SR WILES	
152	503 N MCDONALD ST	MADELYN A JOHNSON BOYKIN	
153	MCDONALD ST	ST JAMES CME CHURCH TRUSTEES	VACANT
154	505 N MCDONALD ST	ST JAMES CME CHURCH TRUSTEES	
155	507 N MCDONALD ST	ST JAMES CME CHRISTIAN METHODIST EPISCOPAL	
156	316 WATT ST	ST JAMES CME METHODIST CHURCH	ST JAMES METHODIST CHURCH
157	520 N MCDONALD ST	WALDO A & LEE R TURNER	GRANNYS HOUSE OF STYLE
158	315 WATT ST	EDNA Y SALCEDO	
159	600 N MCDONALD ST	LARRY L BAILEY & J D CASEROTTI	INSURANCE SERVICES
160	N MCDONALD ST	LARRY L BAILEY &	

COLOR LEGEND

🟦	PROPOSED MAINLANES
🟧	PROPOSED BRIDGE
🟨	PROPOSED DRIVEWAY
🟪	PROPOSED CROSS STREET
🟫	PROPOSED RAMP
🟦	PROPOSED SIDEWALK AND PAVED MEDIAN
🟩	PROPOSED LANDSCAPED MEDIAN
🟧	FUTURE BY OTHERS
⬛	EXISTING BRIDGE TO REMAIN
🟦	100 YEAR FLOOD PLAIN
🟪	EXISTING PAVEMENT (BY OTHERS)
▨	EXISTING PAVEMENT TO BE REMOVED
☒	POTENTIAL STRUCTURE DISPLACEMENT
— · — ·	CENTERLINE/BASELINE (CROSS STREETS)
— · — ·	CENTERLINE (MAINLANE)
— - — -	PROPOSED ROW
—— - - ——	CITY LIMITS
— - — -	EXISTING ROW
——	PROPERTY LINES
——‖——	CONTROL OF ACCESS
┴┴┴┴	PROPOSED RETAINING WALL
——═——	PROPOSED SSCB
- - - -	PROPOSED COMBINATION RAIL
←	PROPOSED TRAFFIC FLOW
⇦	EXISTING TRAFFIC FLOW
←	WATER FLOW
(XXXXX-XX)	HORIZONTAL CURVE NAME
XXX	PROPERTY ID NUMBER
╫	EXISTING DRAINAGE STRUCTURES
╫	PROPOSED DRAINAGE STRUCTURES
	PROPOSED SIGNALIZED INTERSECTION


℄ ANT
EXIST ROW
20' USUAL
EXISTING ROW
20' USUAL
EXISTING ROW
EXIST ROW
24'
PROP ROADWAY
6'
SDWK
1'
11'
LANE
11'
LANE
1'
6'
SDWK
FOC
FOC
MONO CURB
(TY II)
MONO CURB
(TY II)
1.5%
2%
2%
1.5%
2'
TYP
6'
CLEAR ZONE
PGL
2'
TYP
6'
CLEAR ZONE

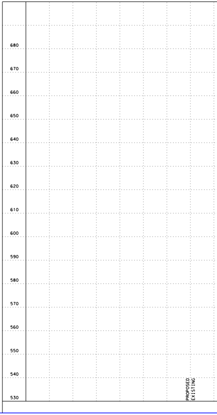
PROPOSED TYPICAL SECTION
ANTHONY ST
STA 10+65 TO STA 12+04
NTS


℄ ANT
EXIST ROW
VAR 30'-32'
EXISTING ROW
20' USUAL
EXISTING ROW
EXIST ROW
26'
PROP ROADWAY
1.5'
1'
12'
LANE
12'
LANE
1'
3.5'
SDWK
FOC
FOC
MONO CURB
(TY II)
MONO CURB
(TY II)
2%
2%
1.5%
2'
TYP
6'
CLEAR ZONE
PGL
2'
TYP
6'
CLEAR ZONE

PROPOSED TYPICAL SECTION
ANTHONY ST
STA 12+77 TO STA 13+40
NTS

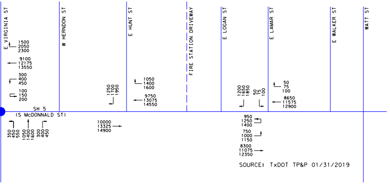
NOTES:

1. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT, FACE OF CURB, RAIL, UNLESS OTHERWISE NOTED.
2. 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 GOVERNMENT.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL UNLESS OTHERWISE NOTED.
4. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48085C020J (REV JUNE 7, 2017) AND 48085C0290J (REV JUNE 2, 20009) FOR WILSON CREEK, 48085C0165J (REV JUNE 2, 2009) AND 48085C0280J (REV JUNE 2, 2009) FOR EAST FORK TRINITY RIVER.
5. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM COLLIN COUNTY APPRAISAL DISTRICT OCTOBER 2017.
6. EXISTING CULVERT LOCATION, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS OR TOPOGRAPHIC SURVEY AND ARE SHOWN FOR INFORMATION PURPOSES ONLY.
7. ADA RAMPS ARE NOT DEPICTED IN THE PLAN.
8. FINAL DRIVEWAY LOCATIONS SHALL BE DETERMINED DURING DETAILED DESIGN IN COORDINATION WITH THE CITY OF McKINNEY.
9. ALL PRIVATE DRIVEWAYS HAVE CURB RADII OF 15FT, UNLESS OTHERWISE NOTED.
10. EXIST TOPO AND AERIAL PHOTOS PROVIDED BY TxDOT.
11. EXIST ROW SHOWN PROVIDED BY TxDOT.
12. PARCEL BOUNDARY LOCATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE.
13. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
14. CURBS ON MAINLANES, FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (MONO), UNLESS OTHERWISE SHOWN.
15. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
16. ALL HORIZONTAL COORDINATES ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM, NORTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983 (NAD 83), 2011 ADJUSTMENT, 2010.00 EPOCH. SURFACE DISTANCES AND COORDINATES MAY BE CONVERTED TO GRID BY DIVIDING BY A COMBINED ADJUSTMENT FACTOR OF 1.000152710.
17. ALL COORDINATES AND ELEVATIONS ARE IN U.S. SURVEY FEET.
18. VERTICAL VALUES WERE DETERMINED BY THE TxDOT REAL TIME GPS NETWORK (RTN) (NAD 83 (2011, MA11, PA11) EPOCH 2010.00) WITH THE GEOID12A APPLIED.
19. DRIVEWAYS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND ARE SUBJECT TO REVIEW, ADJUSTMENT AND/OR CONSOLIDATION BASED ON CORRIDOR ACCESS MANAGEMENT.



HORIZONTAL ALIGNMENT DATA

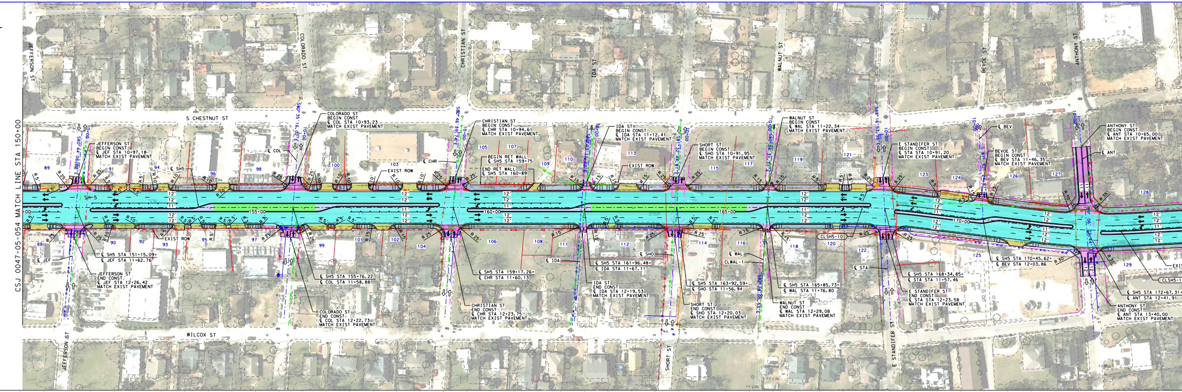
CHAIN NAME	CURVE NAME	P.I. STATION	P.I. EASTING	P.I. NORTHING	RADIUS	DELTA	LENGTH	TANGENT	P.C. STATION	P.T. STATION
℄ SH5	CLSH5-10	168+37.70	2,546,122.77	7,123,195.03	1,143.92'	7° 00' 00.00" RT	139.76'	69.96'	167+67.74	169+07.49
℄ SH5	CLSH5-11	172+66.51	2,546,210.44	7,123,614.96	1,147.92'	10° 10' 00.00" LT	203.69'	102.11'	171+64.39	173+68.08
℄ SH5	CLSH5-12	185+47.51	2,546,246.78	7,124,895.99	1,143.92'	9° 53' 00.00" RT	197.32'	98.91'	184+48.61	186+45.93
℄ SH5	CLSH5-13	190+75.85	2,546,352.29	7,125,414.18	1,147.92'	10° 54' 00.00" LT	218.38'	109.52'	189+66.33	191+84.71
℄ CLO	CLCLO-1	10+44.53	2,545,994.27	7,124,541.46	1,500.00'	2° 30' 46.48" RT	65.79'	32.90'	10+11.63	10+77.42
℄ WAL	CLWAL-1	12+83.72	2,546,207.20	7,122,926.43	2,000.00'	1° 53' 34.22" LT	66.07'	33.04'	12+50.68	13+16.75
℄ LOG	CLLOG-1	11+20.07	2,546,055.70	7,125,747.46	2,500.00'	0° 30' 18.22" RT	22.04'	11.02'	11+09.05	11+31.09
℄ LAM	CLLAM-1	13+24.35	2,546,245.53	7,125,981.74	2,500.00'	1° 12' 39.48" RT	52.84'	26.42'	12+97.93	13+50.77
℄ WALK	CLWALK-1	11+77.49	2,546,088.96	7,126,208.71	2,500.00'	1° 07' 39.01" RT	49.20'	24.60'	11+52.89	12+02.09

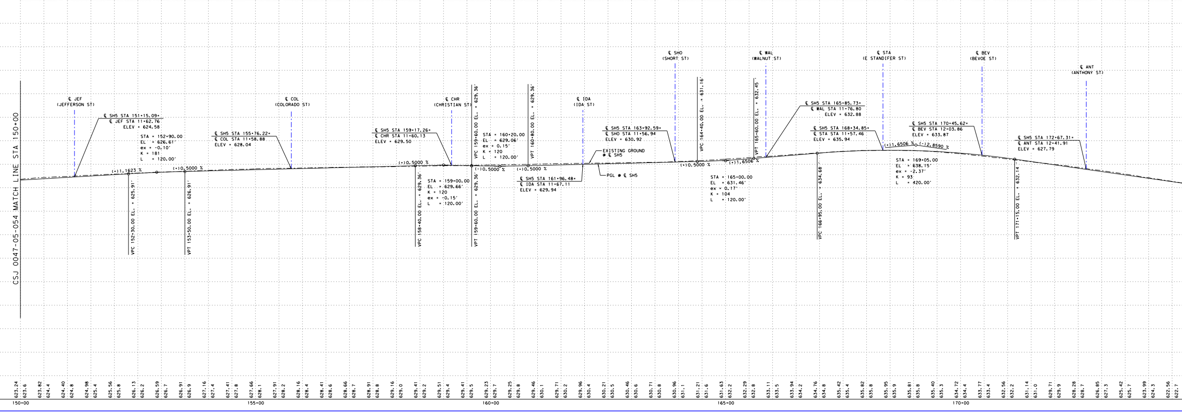

E VIRGINIA ST
W HERNDON ST
E HUNT ST
FIRE STATION DRIVEWAY
E LOGAN ST
E LAMAR ST
E WALKER ST
WATT ST
1500
2050
2300
9100
12175
13550
300
400
450
100
150
200
1250
1700
1950
1050
1400
1600
9750
13075
14550
1200
1650
1850
50
75
100
50
75
100
8650
11575
12900
SH 5
(S McDONNALD ST)
350
450
550
1050
1400
1600
300
400
450
10000
13325
14900
950
1250
1400
750
1000
1150
8300
11075
12350

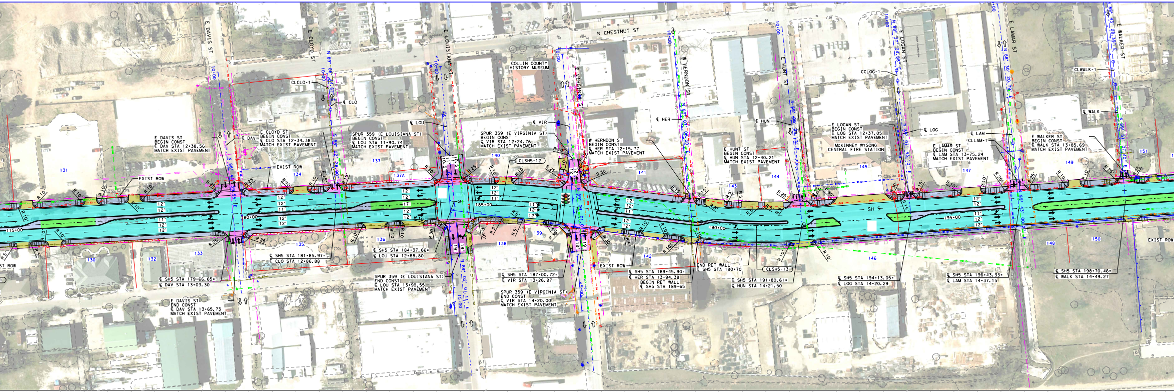
SOURCE: TxDOT TP&P 01/31/2019

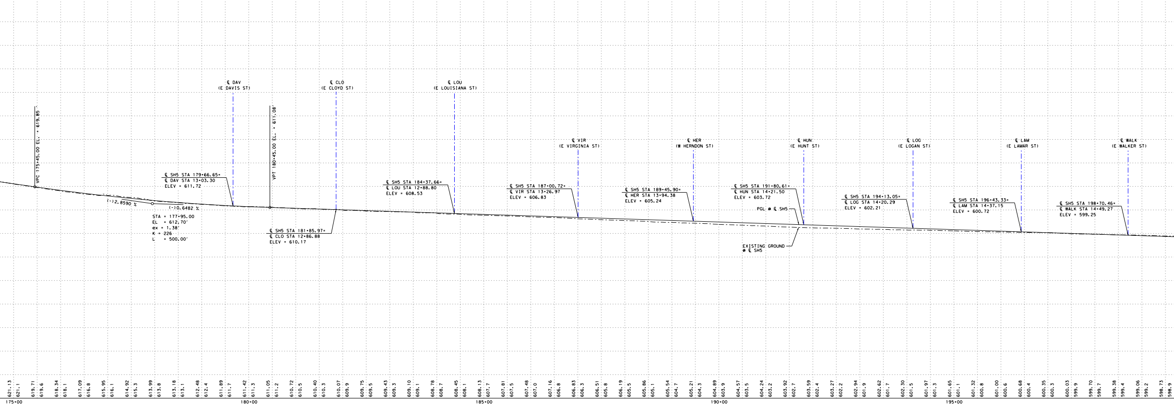
LEGEND:

●	SIGNALIZED INTERSECTION
XXX	2025 ADT
XXX	2045 ADT
XXX	2055 ADT


CSJ 0047-05-054 MATCH LINE STA 150+00
JEFFERSON ST
COLORADO ST
CHRISTIAN ST
IDA ST
WALNUT ST
BEVOE ST
ANTHONY ST
S CHESTNUT ST
WILCOX ST
SHORT ST
E STANDIFER ST
SH-5
EXIST ROW
155+00
160+00
165+00
170+00
JEFFERSON ST BEGIN CONST ℄ JEF STA 10+97.18 MATCH EXIST PAVEMENT
COLORADO ST BEGIN CONST ℄ COL STA 10+93.23 MATCH EXIST PAVEMENT
CHRISTIAN ST BEGIN CONST ℄ CHR STA 10+94.61 MATCH EXIST PAVEMENT
BEGIN RET WALL ℄ SH5 STA 159+75
END RET WALL ℄ SH5 STA 160+89
IDA ST BEGIN CONST ℄ IDA STA 11+12.41 MATCH EXIST PAVEMENT
SHORT ST BEGIN CONST ℄ SHO STA 10+91.95 MATCH EXIST PAVEMENT
WALNUT ST BEGIN CONST ℄ WAL STA 11+22.34 MATCH EXIST PAVEMENT
E STANDIFER ST BEGIN CONST ℄ STA STA 10+91.20 MATCH EXIST PAVEMENT
BEVOE ST BEGIN CONST ℄ BEV STA 11+46.35 MATCH EXIST PAVEMENT
ANTHONY ST BEGIN CONST ℄ ANT STA 10+65.00 MATCH EXIST PAVEMENT
℄ SH5 STA 151+15.09= ℄ JEF STA 11+62.76
JEFFERSON ST END CONST ℄ JEF STA 12+26.42 MATCH EXIST PAVEMENT
℄ SH5 STA 155+76.22= ℄ COL STA 11+58.88
COLORADO ST END CONST ℄ COL STA 12+22.73 MATCH EXIST PAVEMENT
℄ SH5 STA 159+17.26= ℄ CHR STA 11+60.13
CHRISTIAN ST END CONST ℄ CHR STA 12+23.75 MATCH EXIST PAVEMENT
℄ SH5 STA 161+96.48= ℄ IDA STA 11+67.11
IDA ST END CONST ℄ IDA STA 12+19.53 MATCH EXIST PAVEMENT
℄ SH5 STA 163+92.59= ℄ SHO STA 11+56.94
SHORT ST END CONST ℄ SHO STA 12+20.03 MATCH EXIST PAVEMENT
℄ SH5 STA 165+85.73= ℄ WAL STA 11+76.80
WALNUT ST END CONST ℄ WAL STA 12+29.08 MATCH EXIST PAVEMENT
℄ SH5 STA 168+34.85= ℄ STA STA 11+57.46
E STANDIFER ST END CONST ℄ STA STA 12+23.58 MATCH EXIST PAVEMENT
℄ SH5 STA 170+45.62= ℄ BEV STA 12+03.86
℄ SH5 STA 172+67.31= ℄ ANT STA 12+41.91
ANTHONY ST END CONST ℄ ANT STA 13+40.00 MATCH EXIST PAVEMENT
CLSH5-10
CLWAL-1
CLSH5-1
12'
11'
R 25'
R 15'
R 10'
R 5'
R 30'


CSJ 0047-05-054 MATCH LINE STA 150+00
℄ JEF (JEFFERSON ST)
℄ COL (COLORADO ST)
℄ CHR (CHRISTIAN ST)
℄ IDA (IDA ST)
℄ SHO (SHORT ST)
℄ WAL (WALNUT ST)
℄ STA (E STANDIFER ST)
℄ BEV (BEVOE ST)
℄ ANT (ANTHONY ST)
℄ SH5 STA 151+15.09= ℄ JEF STA 11+62.76 ELEV = 624.58
STA = 152+90.00 EL = 626.61' ex = -0.10' K = 181 L = 120.00'
(+)1.1623 %
(+)0.5000 %
VPC 152+30.00 EL. = 625.91'
VPT 153+50.00 EL. = 626.91'
℄ SH5 STA 155+76.22= ℄ COL STA 11+58.88 ELEV = 628.04
℄ SH5 STA 159+17.26= ℄ CHR STA 11+60.13 ELEV = 629.50
(+)0.5000 %
STA = 159+00.00 EL = 629.66' K = 120 ex = -0.15' L = 120.00'
VPC 158+40.00 EL. = 629.36'
VPC 159+60.00 EL. = 629.36'
VPT 159+60.00 EL. = 629.36'
(-)0.5000 %
STA = 160+20.00 EL = 629.06' ex = 0.15' K = 120 L = 120.00'
VPT 160+80.00 EL. = 629.36'
(+)0.5000 %
℄ SH5 STA 161+96.48= ℄ IDA STA 11+67.11 ELEV = 629.94
EXISTING GROUND @ ℄ SH5
PGL @ ℄ SH5
℄ SH5 STA 163+92.59= ℄ SHO STA 11+56.94 ELEV = 630.92
(+)0.5000 %
VPC 164+40.00 EL. = 631.16'
STA = 165+00.00 EL = 631.46' ex = 0.17' K = 104 L = 120.00'
(+)1.6506 %
VPT 165+60.00 EL. = 632.45'
℄ SH5 STA 165+85.73= ℄ WAL STA 11+76.80 ELEV = 632.88
℄ SH5 STA 168+34.85= ℄ STA STA 11+57.46 ELEV = 635.94
VPC 166+95.00 EL. = 634.68'
(+)1.6506 %
(-)2.8590 %
STA = 169+05.00 EL = 638.15' ex = -2.37' K = 93 L = 420.00'
℄ SH5 STA 170+45.62= ℄ BEV STA 12+03.86 ELEV = 633.87
VPT 171+15.00 EL. = 632.14'
℄ SH5 STA 172+67.31= ℄ ANT STA 12+41.91 ELEV = 627.79
623.24 623.6
623.82 624.4
624.40 624.8
624.98 625.4
625.56 625.8
626.13 626.2
626.59 626.7
626.91 626.9
627.16 627.4
627.41 627.8
627.66 628.1
627.91 628.2
628.16 628.4
628.41 628.6
628.66 628.7
628.91 628.8
629.16 629.0
629.41 629.2
629.51 629.4
629.41 629.5
629.23 629.7
629.25 629.8
629.46 630.1
629.71 630.2
629.96 630.4
630.21 630.5
630.46 630.6
630.71 630.8
630.96 631.1
631.21 631.6
631.63 632.2
632.29 632.8
633.11 633.5
633.94 634.2
634.76 634.8
635.42 635.4
635.82 635.8
635.95 635.9
635.81 635.8
635.40 635.3
634.72 634.4
633.77 633.4
632.56 632.2
631.14 631.0
629.71 629.9
628.28 628.7
626.85 627.3
625.42 625.7
623.99 624.3
622.56 622.7
150+00
155+00
160+00
165+00
170+00


E DAVIS ST
E CLOYD ST
E LOUISIANA ST
N CHESTNUT ST
E VIRGINIA ST
W HERNDON ST
E HUNT ST
E LOGAN ST
E LAMAR ST
E WALKER ST
SH 5
COLLIN COUNTY
HISTORY MUSEUM
McKINNEY WYSONG
CENTRAL FIRE STATION
CLCLO-1
℄ CLO
℄ DAV
℄ LOU
℄ VIR
℄ HER
℄ HUN
℄ LOG
℄ LAM
℄ WALK
CCLOG-1
CLLAM-1
CLWALK-1
CLSH5-12
CLSH5-13
E DAVIS ST
BEGIN CONST
℄ DAV STA 12+38.56
MATCH EXIST PAVEMENT
E CLOYD ST
BEGIN CONST
℄ CLO STA 12+34.38
MATCH EXIST PAVEMENT
SPUR 359 (E LOUISIANA ST)
BEGIN CONST
℄ LOU STA 11+90.74
MATCH EXIST PAVEMENT
SPUR 359 (E VIRGINIA ST)
BEGIN CONST
℄ VIR STA 12+24.76
MATCH EXIST PAVEMENT
W HERNDON ST
BEGIN CONST
℄ HER STA 12+15.77
MATCH EXIST PAVEMENT
E HUNT ST
BEGIN CONST
℄ HUN STA 12+40.21
MATCH EXIST PAVEMENT
E LOGAN ST
BEGIN CONST
℄ LOG STA 12+37.05
MATCH EXIST PAVEMENT
E LAMAR ST
BEGIN CONST
℄ LAM STA 13+75.24
MATCH EXIST PAVEMENT
E WALKER ST
BEGIN CONST
℄ WALK STA 13+85.69
MATCH EXIST PAVEMENT
EXIST ROW
℄ SH5 STA 179+66.65=
℄ DAV STA 13+03.30
E DAVIS ST
END CONST
℄ DAV STA 13+65.73
MATCH EXIST PAVEMENT
℄ SH5 STA 181+85.97=
℄ CLO STA 12+86.88
℄ SH5 STA 184+37.66=
℄ LOU STA 12+88.80
SPUR 359 (E LOUISIANA ST)
END CONST
℄ LOU STA 13+99.55
MATCH EXIST PAVEMENT
℄ SH5 STA 187+00.72=
℄ VIR STA 13+26.97
SPUR 359 (E VIRGINIA ST)
END CONST
℄ VIR STA 14+20.00
MATCH EXIST PAVEMENT
℄ SH5 STA 189+45.90=
℄ HER STA 13+94.38
BEGIN RET WALL
℄ SH5 STA 189+65
END RET WALL
℄ SH5 STA 190+70
℄ SH5 STA 191+80.61=
℄ HUN STA 14+21.50
℄ SH5 STA 194+13.05=
℄ LOG STA 14+20.29
℄ SH5 STA 196+43.33=
℄ LAM STA 14+37.15
℄ SH5 STA 198+70.46=
℄ WALK STA 14+49.27
175+00
180+00
185+00
190+00
195+00
10+00
15+00
N 88° 44' 59.55" E
N 89° 06' 44.62" E
S 88° 22' 28.90" E
N 89° 02' 01.11" E
N 89° 09' 01.0
N 89° 07' 06.50" E
N 89° 00'
N 88° 37' 24.88" E
N 89° 07' 43.10" E
N 88° 30' 20.79" E
N 89° 43' 00.2
N 88° 43' 28.39" E
N 89° 51' 07.40" E
130
131
132
133
134
135
136
137
137A
138
139
140
141
142
143
144
145
146
147
148
149
150
151
12'
11'
17'
10.5'
19'
R 5'
R 10'
R 15'
R 25'
R 30'


℄ DAV
(E DAVIS ST)
℄ CLO
(E CLOYD ST)
℄ LOU
(E LOUISIANA ST)
℄ VIR
(E VIRGINIA ST)
℄ HER
(W HERNDON ST)
℄ HUN
(E HUNT ST)
℄ LOG
(E LOGAN ST)
℄ LAM
(E LAMAR ST)
℄ WALK
(E WALKER ST)
VPC 175+45.00 EL. = 619.85'
VPT 180+45.00 EL. = 611.08'
(-)2.8590 %
(-)0.6482 %
STA = 177+95.00
EL = 612.70'
ex = 1.38'
K = 226
L = 500.00'
℄ SH5 STA 179+66.65=
℄ DAV STA 13+03.30
ELEV = 611.72
℄ SH5 STA 181+85.97=
℄ CLO STA 12+86.88
ELEV = 610.17
℄ SH5 STA 184+37.66=
℄ LOU STA 12+88.80
ELEV = 608.53
℄ SH5 STA 187+00.72=
℄ VIR STA 13+26.97
ELEV = 606.83
℄ SH5 STA 189+45.90=
℄ HER STA 13+94.38
ELEV = 605.24
℄ SH5 STA 191+80.61=
℄ HUN STA 14+21.50
ELEV = 603.72
PGL @ ℄ SH5
EXISTING GROUND
@ ℄ SH5
℄ SH5 STA 194+13.05=
℄ LOG STA 14+20.29
ELEV = 602.21
℄ SH5 STA 196+43.33=
℄ LAM STA 14+37.15
ELEV = 600.72
℄ SH5 STA 198+70.46=
℄ WALK STA 14+49.27
ELEV = 599.25
621.13 621.1
619.71 619.6
618.34 618.1
617.09 616.8
615.95 616.1
614.92 615.3
613.99 613.8
613.18 613.1
612.48 612.4
611.89 611.7
611.42 611.3
611.05 611.2
610.72 610.5
610.40 610.3
610.07 609.9
609.75 609.5
609.43 609.3
609.10 609.1
608.78 608.7
608.45 608.1
608.13 607.7
607.81 607.5
607.48 607.0
607.16 606.8
606.83 606.3
606.51 605.8
606.19 605.5
605.86 605.1
605.54 604.7
605.21 604.3
604.89 603.9
604.57 603.5
604.24 603.2
603.92 602.7
603.59 602.4
603.27 602.2
602.94 601.9
602.62 601.7
602.30 601.5
601.97 601.3
601.65 601.1
601.32 600.8
601.00 600.6
600.68 600.4
600.35 600.3
600.03 599.9
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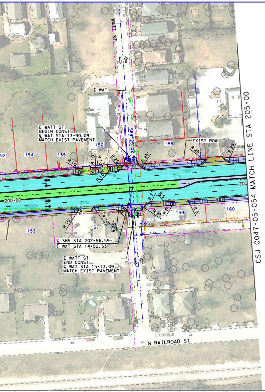
175+00
180+00
185+00
190+00
195+00



℄ WAT
E WATT ST
BEGIN CONST
℄ WAT STA 13+90.09
MATCH EXIST PAVEMENT
EXIST ROW
152
154
155
156
158
153
157
159
160
R 10'
R 25'
R 5'
S89°29'02"
200+00
205
℄ SH5 STA 202+56.59=
℄ WAT STA 14+52.53
E WATT ST
END CONST
℄ WAT STA 15+13.09
MATCH EXIST PAVEMENT
N RAILROAD ST
WATT ST
CSJ 0047-05-054 MATCH LINE STA 205+00

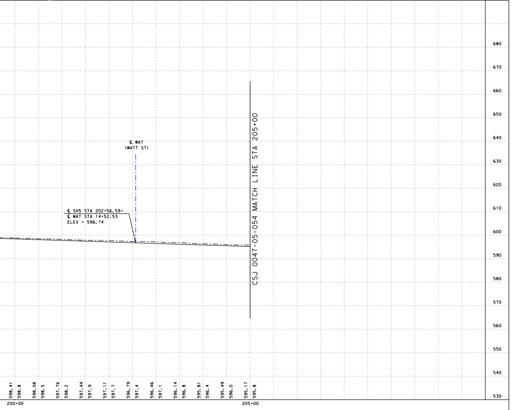
UTILITY LEGEND

○	POWER POLE
○	POLE RISER
J	ELECTRIC JUNCTION BOX
▣	ELECTRIC PULL BOX
M	ELECTRIC METER
▢	ELECTRIC PED
Ⓣ	TELEPHONE MANHOLE
▨	TELEPHONE PED
Ⓑ	TELEPHONE JUNCTION BOX
HH	TELEPHONE HAND HOLE
GV	GAS VALVE
GM	GAS METER
WW	WASTE WATER MANHOLE
Ⓦ	WATER MANHOLE
WM	WATER METER
⋈	WATER VALVE
T	WATER CAP
◇	FIRE HYDRANT
SD	STORM MANHOLE
▭	STORM INLET
FH	FIBER OPTICS HAND HOLE
▥	STORM GRATE INLET
◁	HEAD WALL

UTILITY LEGEND

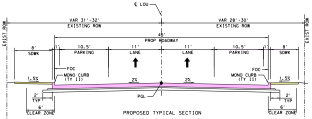
WATER	W1	CITY OF MCKINNEY WATER
WATER	W1 (C)	CITY OF MCKINNEY WATER
WATER	W1 (D)	CITY OF MCKINNEY WATER
WATER	W2 (C)	NORTH TEXAS MUNICIPAL WATER DISTRICT
WATER	W3 (D)	CITY OF IRVING WATER
WATER	W4	NORTH COLLINS WATER SUPPLY
WATER	W4 (C)	NORTH COLLINS WATER SUPPLY
WATER	W4 (D)	NORTH COLLINS WATER SUPPLY
WASTE WATER	WW1	CITY OF MCKINNEY WASTE WATER
WASTE WATER	WW1 (C)	CITY OF MCKINNEY WASTE WATER
WASTE WATER	WW1 (D)	CITY OF MCKINNEY WASTER WATER
STORM DRAIN	SD	CITY OF MCKINNEY STORM
STORM DRAIN	SD (C)	CITY OF MCKINNEY STORM
STORM DRAIN	SD(D)	CITY OF MCKINNEY STORM
ELECTRIC BURIED	E1	ONCOR
OVERHEAD ELECTRIC	OH	ONCOR
OVERHEAD ELECTRIC,TELEPHONE	OH-T	ONCOR, AT&T
OVERHEAD ELECTRIC,COAX	OH1	ONCOR, TIME WARNER CABLE
OVERHEAD ELECTRIC,FIBER,COAX	OH2	ONCOR, AT&T, TIME WARNER CABLE
OH ELECTRIC,FIBER,TELEPHONE,COAX	OH3	ONCOR, AT&T, TIME WARNER CABLE
OVERHEAD ELECTRIC,FIBER	OH4	ONCOR, AT&T
OVERHEAD TELEPHONE, COAX	OH5	AT&T,TIME WARNER CABLE
ELECTRIC BURIED		TRAFFIC SIGNAL TXDOT
TELEPHONE	T1	AT&T
TELEPHONE	T1 (D)	AT&T
OVERHEAD TELEPHONE	T1 OH	AT&T
TELEPHONE DUCT	T-DUCT1	AT&T
SUPPORT STRAND		AT&T
GAS	G1	ATMOS
GAS	G1 (C)	ATMOS
GAS	G1 (D)	ATMOS
FIBER	FOC1	AT&T
FIBER	FOC1 (D)	AT&T
FIBER DUCT	DUCT2	AT&T
FIBER	FOC3	ZAYO
FIBER	FOC4	CITY OF IRVING COMMUNICATIONS
CABLE	CATV	TIME WARNER CABLE

* LINE SIZES ARE FROM BEST AVAIABLE RECORDS



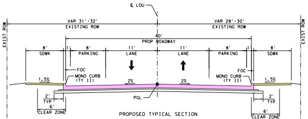
COLOR LEGEND

🟦	PROPOSED MAINLANES
🟧	PROPOSED BRIDGE
🟨	PROPOSED DRIVEWAY
🟪	PROPOSED CROSS STREET
🟫	PROPOSED RAMP
🟦	PROPOSED SIDEWALK AND PAVED MEDIAN
🟩	PROPOSED LANDSCAPED MEDIAN
🟧	FUTURE BY OTHERS
⬛	EXISTING BRIDGE TO REMAIN
🟦	100 YEAR FLOOD PLAIN
🟪	EXISTING PAVEMENT (BY OTHERS)
▨	EXISTING PAVEMENT TO BE REMOVED
☒	POTENTIAL STRUCTURE DISPLACEMENT
-·-·-	CENTERLINE/BASELINE (CROSS STREETS)
-·-·-	CENTERLINE (MAINLANE)
-·-·-	PROPOSED ROW
—-—-	CITY LIMITS
-·-·-	EXISTING ROW
——	PROPERTY LINES
—||—	CONTROL OF ACCESS
⊥⊥⊥	PROPOSED RETAINING WALL
—═—	PROPOSED SSCB
------	PROPOSED COMBINATION RAIL
←	PROPOSED TRAFFIC FLOW
⇦	EXISTING TRAFFIC FLOW
←	WATER FLOW
XXXXX-XX	HORIZONTAL CURVE NAME
XXX	PROPERTY ID NUMBER
╪	EXISTING DRAINAGE STRUCTURES
╪	PROPOSED DRAINAGE STRUCTURES
	PROPOSED SIGNALIZED INTERSECTION



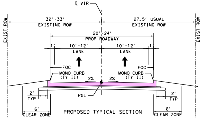
℄ LOU
EXIST ROW
VAR 31'-32'
EXISTING ROW
VAR 28'-30'
EXISTING ROW
45'
PROP ROADWAY
8'
SDWK
1'
10.5'
PARKING
11'
LANE
11'
LANE
10.5'
PARKING
1'
8'
SDWK
FOC
MONO CURB
(TY II)
1.5%
2%
2%
1.5%
PGL
2'
TYP
6'
CLEAR ZONE

PROPOSED TYPICAL SECTION
SPUR 359 (E LOUISIANA ST)
STA 11+91 TO STA 12+51
NTS



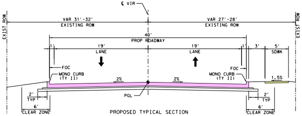
℄ LOU
EXIST ROW
VAR 31'-32'
EXISTING ROW
VAR 28'-30'
EXISTING ROW
40'
PROP ROADWAY
8'
SDWK
8'
PARKING
11'
LANE
11'
LANE
8'
PARKING
8'
SDWK
FOC
MONO CURB
(TY II)
1.5%
2%
2%
1.5%
PGL
2'
TYP
6'
CLEAR ZONE

PROPOSED TYPICAL SECTION
SPUR 359 (E LOUISIANA ST)
STA 13+25 TO STA 14+00
NTS



℄ VIR
EXIST ROW
32'-33'
EXISTING ROW
27.5' USUAL
EXISTING ROW
20'-24'
PROP ROADWAY
10'-12'
LANE
10'-12'
LANE
FOC
MONO CURB
(TY II)
2%
2%
PGL
2'
TYP
6'
CLEAR ZONE

PROPOSED TYPICAL SECTION
SPUR 359 (E VIRGINIA ST)
STA 12+25 TO STA 12+89
NTS



℄ VIR
EXIST ROW
VAR 31'-32'
EXISTING ROW
VAR 27'-28'
EXISTING ROW
40'
PROP ROADWAY
19'
LANE
19'
LANE
3'
5'
SDWK
FOC
MONO CURB
(TY II)
2%
2%
1.5%
PGL
2'
TYP
6'
CLEAR ZONE

PROPOSED TYPICAL SECTION
SPUR 359 (E VIRGINIA ST)
STA 12+25 TO STA 14+20
NTS

Texas Department of Transportation

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DALLAS DISTRICT

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

DESIGN SCHEMATIC SH 5

FROM: SOUTH OF FM 1378 TO: SOUTH OF CR 275

COLLIN COUNTY

FUNCTIONAL CLASSIFICATIONS	
URBAN PRINCIPAL ARTERIAL	SS 399 MAINLANE, SH 5 MAINLAINE, US 380 (W UNIVERSITY DR), RAMPS
URBAN MINOR ARTERIAL	FM 1378(COUNTRY CLUB RD), FM 546(HARRY MCKILLOP BLVD), ELDORADO PKWY/INDUSTRIAL BLVD
URBAN COLLECTOR	FRISCO RD, STEWART RD, SS 399 FRONTAGE ROAD, SH 5 FRONTAGE ROAD, E VIRGINIA ST, E LOUISIANA ST, TENNESSEE ST, N CHURCH ST, WILMETH RD
RURAL MAJOR COLLECTOR	SS 195 (WESTON RD)
URBAN/RURAL LOCAL	ALL OTHER STREETS

DESIGN SPEED	
60 MPH	SS 399 MAINLANE
40 MPH	SH 5 MAINLAINE, RAMPS, FM 1378 (COUNTRY CLUB RD), SPUR 399 FRONTAGE ROAD, SH 5 FRONTAGE ROAD, FM 546 (HARRY MCKILLOP BLVD), ELDORADO PKWY/INDUSTRIAL BLVD, US 380 (W UNIVERSITY DR), SS 195 (WESTON RD)
30 MPH	ALL OTHER STREETS

PROJECT LENGTH

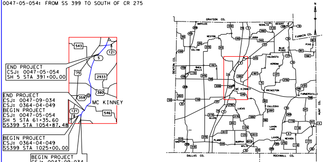
7.21 MI

CSJ LIMITS

0047-09-034: FROM SOUTH OF FM 1378 TO SS 399
0364-04-049: SS 399 AT SH 5
0047-05-054: FROM SS 399 TO SOUTH OF CR 275

HORIZ. SCALE IN FEET: 1" = 100'
0 50 100 150 200
0 10 20 30 40
VERT. SCALE IN FEET: 1" = 20'

BASIS OF DESIGN: TxDOT ROADWAY DESIGN MANUAL 2018
EQUATIONS: NONE
RAILROADS: NONE
DESIGN EXCEPTIONS:
DESIGN SPEED AT TWO LOCATIONS



END PROJECT
CSJ: 0047-05-054
SH 5 STA 391+00.00
END PROJECT
CSJ: 0047-09-034
CSJ: 0364-04-049
BEGIN PROJECT
CSJ: 0047-05-054
SH 5 STA 61+35.60
SS399 STA 1054+87.48
BEGIN PROJECT
CSJ: 0364-04-049
SS399 STA 1025+00.00
BEGIN PROJECT
CSJ: 0047-09-034
SH 5 STA 10+28.73
543
121
5
75
2933
380
359
546
MC KINNEY
GRAYSON CO.
FANNIN CO.
DALLAS CO.
ROCKWALL CO.
CELINA
WESTON
ANNA
PLANO
MURPHY
WYLIE
LAVON
NEVADA
N

LOCATION MAP: NTS

PRELIMINARY
FOR INTERIM REVIEW ONLY.
NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
Prepared by or under the Direct Supervision of
CAREN D. CHAMBERS P.E. 99772
4/3/2020

APRIL 3, 2020

INDEX OF ROLLS

ROLL 1 OF 10 PLAN & PROFILE SH 5 STA 10+28.73 TO STA 45+00 & STA 70+33.69 TO STA 95+00
ROLL 2 OF 10 PLAN & PROFILE SH 5 STA 45+00 TO STA 70+33.69
ROLL 3 OF 10 PLAN & PROFILE SH 5 & SPUR 399 FRONTAGE ROADS
ROLL 4 OF 10 PLAN & PROFILE SH 5 STA 95+00 TO STA 150+00
ROLL 5 OF 10 PLAN & PROFILE SH 5 STA 150+00 TO STA 205+00
ROLL 6 OF 10 PLAN & PROFILE SH 5 STA 205+00 TO STA 260+00
ROLL 7 OF 10 PLAN & PROFILE SH 5 STA 260+00 TO STA 316+00
ROLL 8 OF 10 PLAN & PROFILE SH 5 STA 316+00 TO STA 369+00
ROLL 9 OF 10 PLAN & PROFILE SH 5 STA 369+00 TO STA END PROJ
ROLL 10 OF 10 PROFILE RAMPS AND CROSS STREETS

Michael Baker INTERNATIONAL

1501 LBJ Freeway,
Suite 650,
Dallas, TX 75234
TBPE Registration No. F-2677

PLAN & PROFILE

SH 5

STA 150+00 TO STA 205+00

ROLL 5 OF 10 ROLLS

DESIGNED BY:	FED.RD. DIV.NO.	FEDERAL AID PROJECT NO.		ROLL NO.
BAKER	6	XX (XX) XXXX		S-005
DRAWN BY:	STATE	DIST.	COUNTY	
BAKER	TEXAS	DAL	COLLIN	
CHECKED BY:	CONT	SEC	JOB	HIGHWAY NO.
BAKER	0047	05	054, etc	SH 5

FILE: ...\5RPP00+S105.dgn