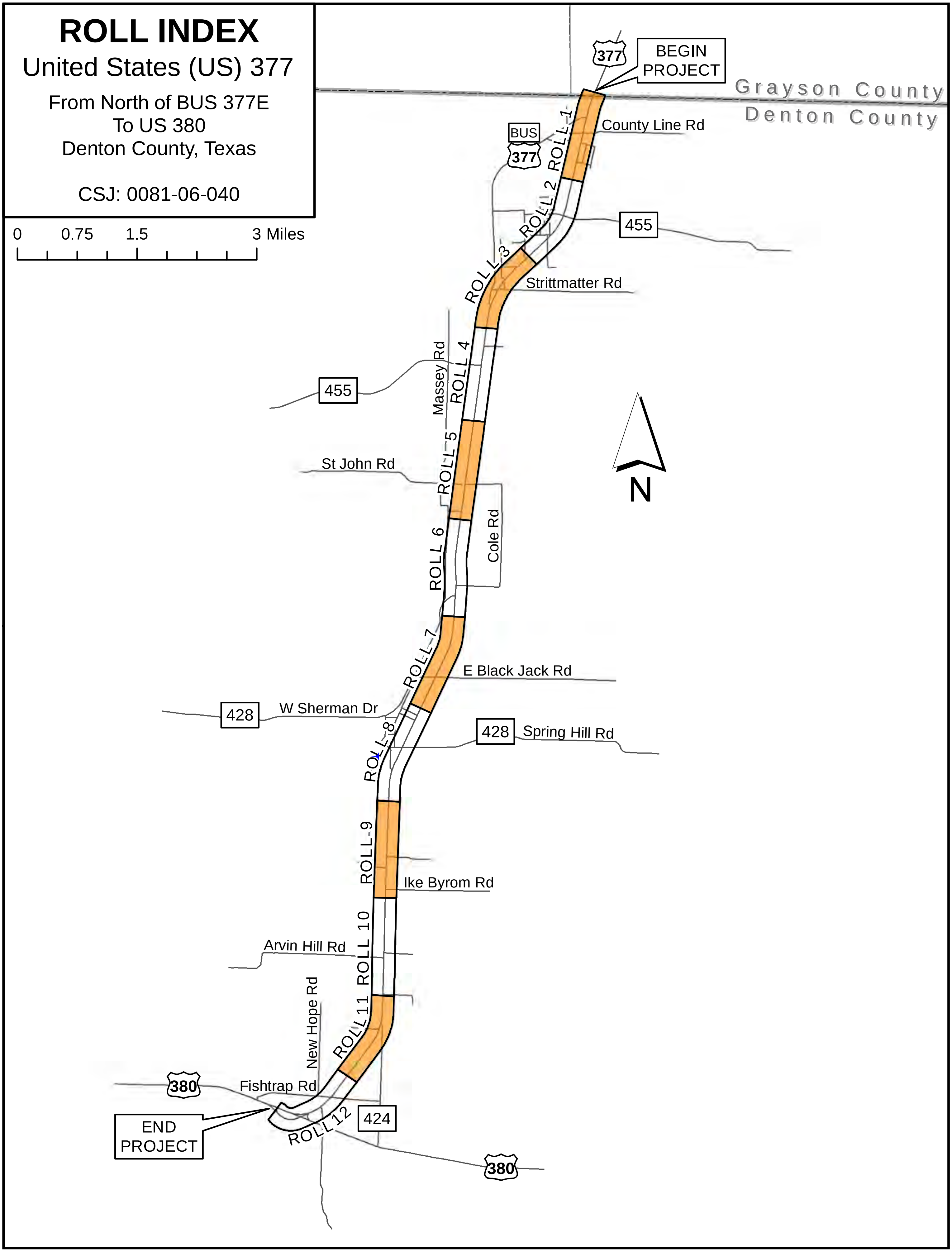
ROLL INDEX

United States (US) 377

From North of BUS 377E
To US 380
Denton County, Texas

CSJ: 0081-06-040


0
0.75
1.5
3 Miles
377
BEGIN PROJECT
Grayson County
Denton County
County Line Rd
BUS 377
ROLL 1
ROLL 2
455
ROLL 3
Strittmatter Rd
ROLL 4
Massey Rd
455
ROLL 5
St John Rd
Cole Rd
ROLL 6
N
ROLL 7
E Black Jack Rd
428
W Sherman Dr
ROLL 8
428
Spring Hill Rd
ROLL 9
Ike Byrom Rd
ROLL 10
Arvin Hill Rd
New Hope Rd
ROLL 11
380
Fishtrap Rd
END PROJECT
ROLL 12
424
380

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

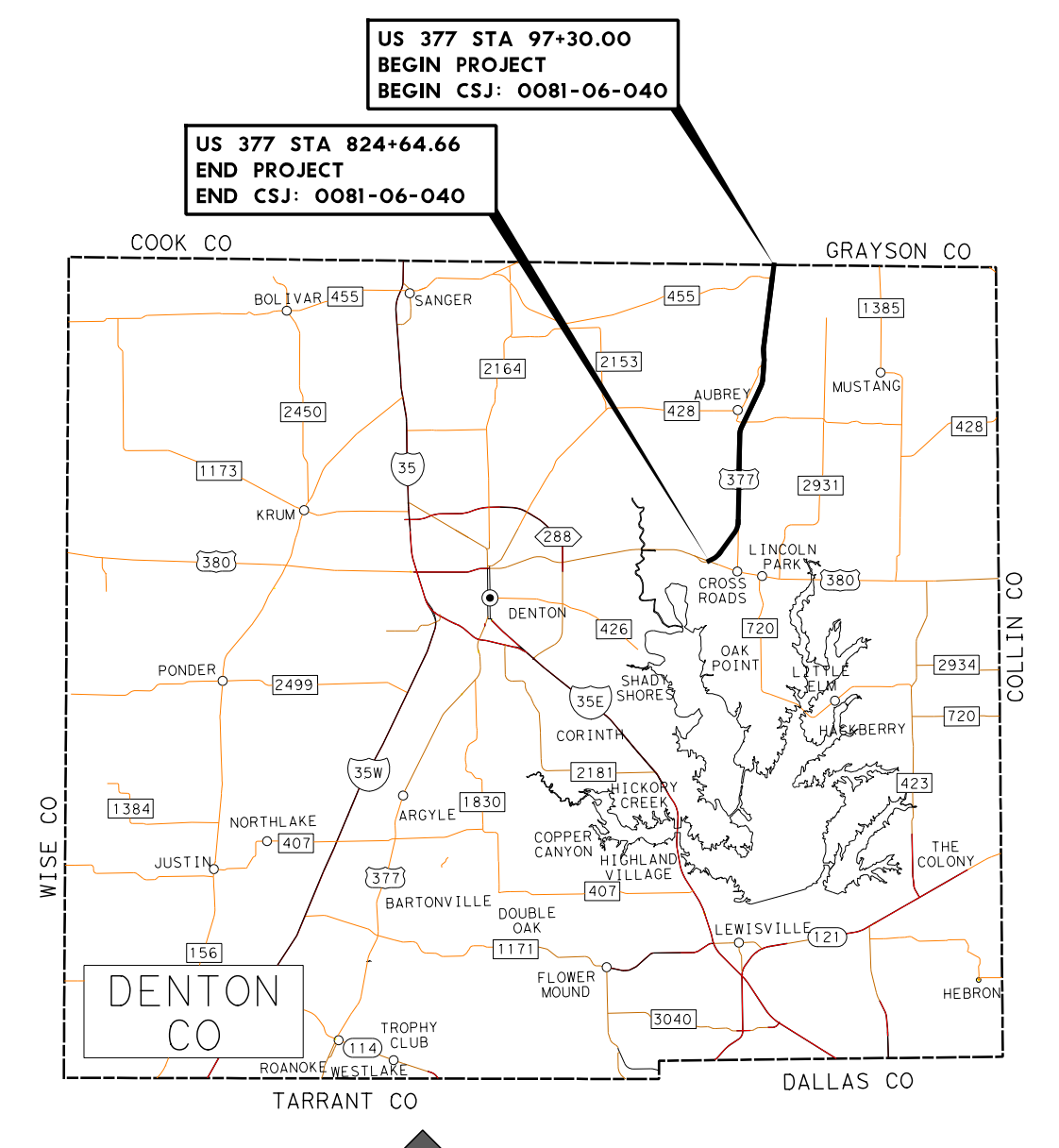
US 377

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
BUS US 377/ N WASHINGTON ST	30 MPH	RURAL MAJOR COLLECTOR
BEREND RD	30 MPH	LOCAL
E NORTHSIDE DR	30 MPH	LOCAL
PRODUCTION RD	30 MPH	LOCAL
MCDONALD DR	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
SANGER
BOLIVAR
AUBREY
MUSTANG
KRUM
DENTON
LINCOLN PARK
CROSS ROADS
OAK POINT
PONDER
SHADY SHORES
CORINTH
LITTLE ELM
HACKBERRY
HICKORY CREEK
NORTHLAKE
ARGYLE
COPPER CANYON
HIGHLAND VILLAGE
JUSTIN
BARTONVILLE
DOUBLE OAK
THE COLONY
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE

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

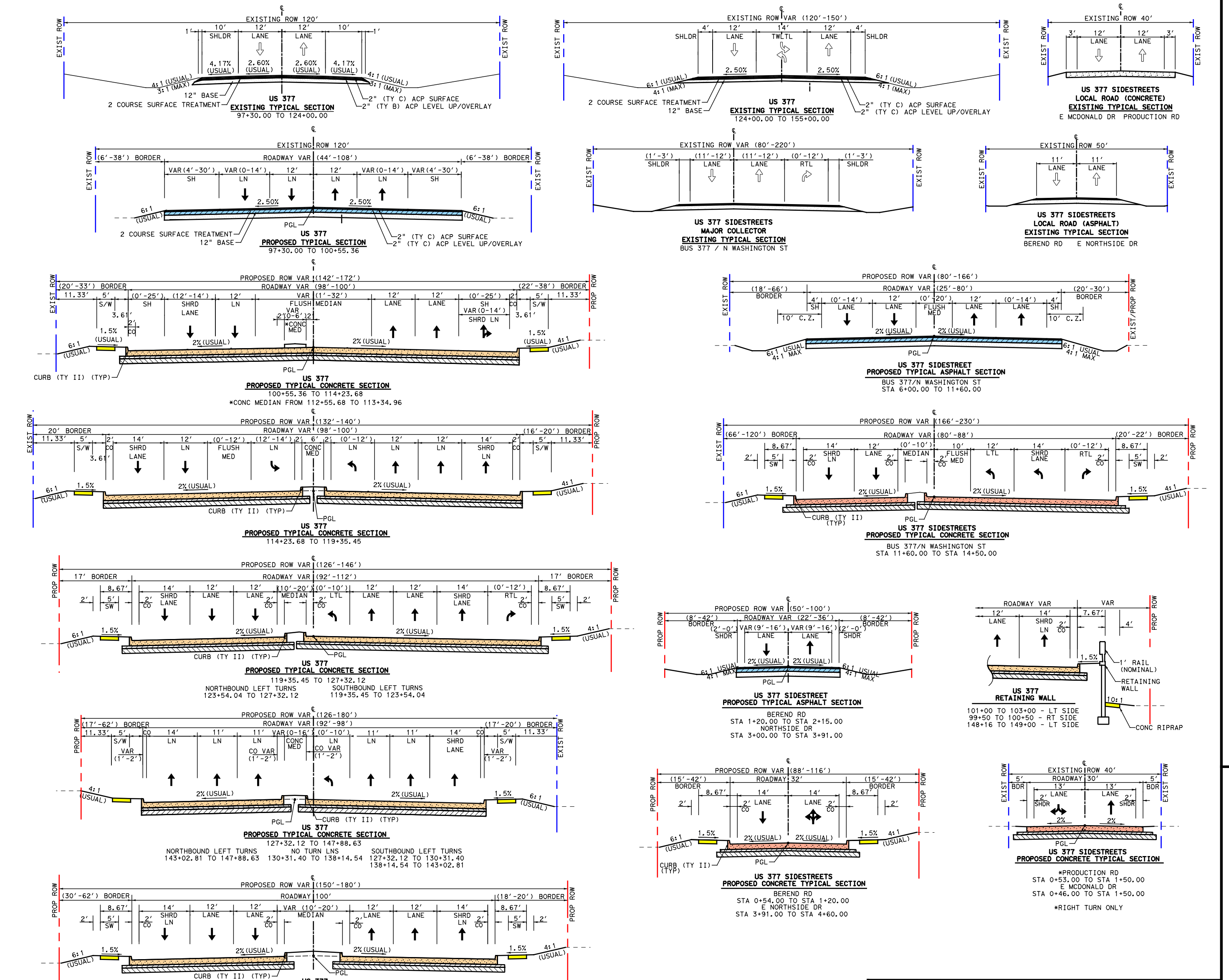
STATE OF TEXAS
Dustin C. Ogle
91101
LICENSED PROFESSIONAL ENGINEER
10/7/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

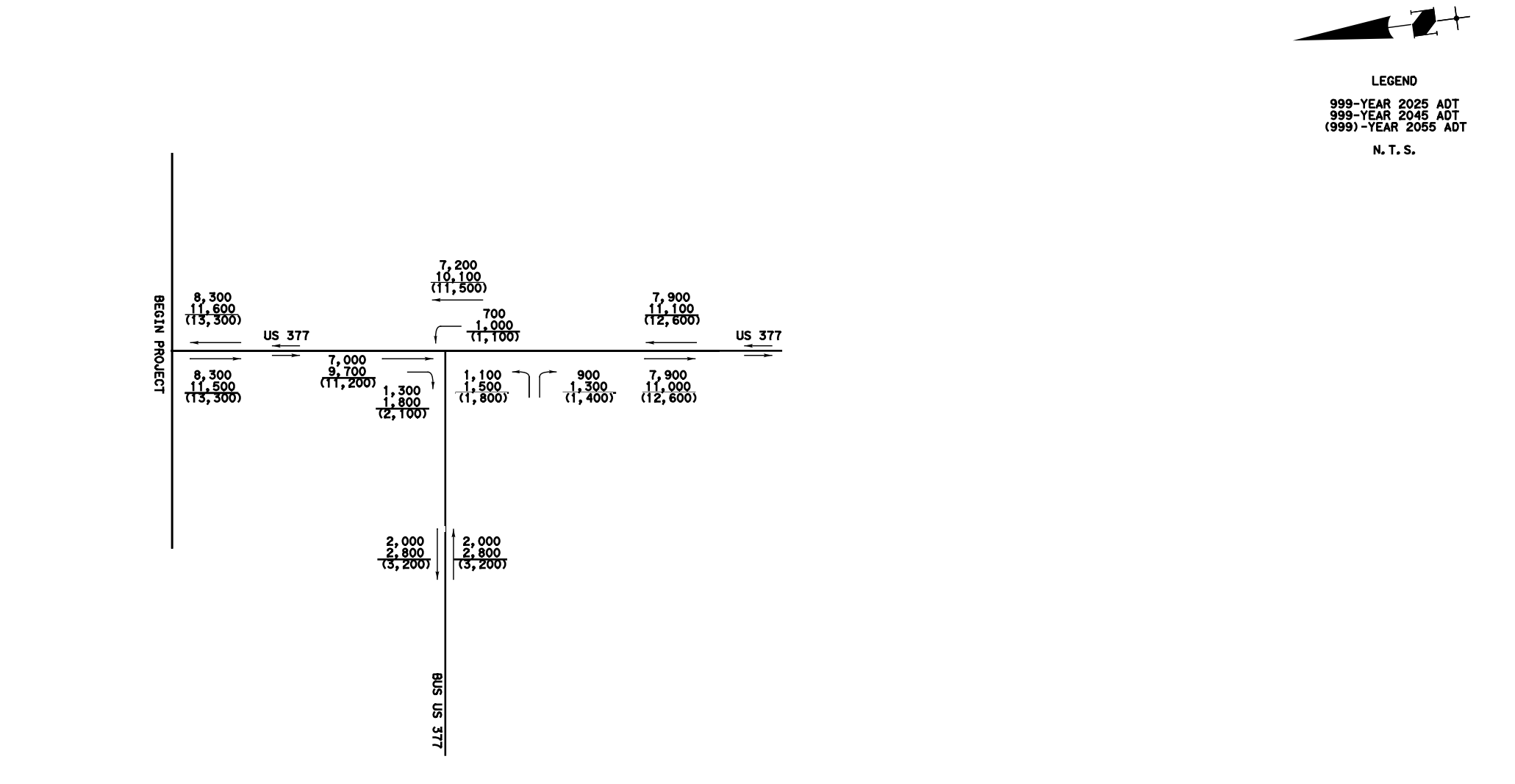
ROLL 1 of 15

OCTOBER 2020

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


EXIST ROW
PROP ROW
2 COURSE SURFACE
BORDER
S/W
SH
CO
SHRD LANE
6:1 (USUAL)
4:1 (USUAL)
1.5%
CURB (TY II) (TYP)
SIDESTREETS
(CONCRETE)
TYPICAL SECTION
PRODUCTION RD
RETAINING WALL
CONC RIPRAP

TYPICAL SECTIONS



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

TRAFFIC DIAGRAMS

END ASPHALT PAVEMENT
BEGIN CONCRETE PAVEMENT
STA 100+55.36
BEGIN PROJECT
BEGIN ASPHALT PAVEMENT
CSJ: 0081-06-040
STA 97+30.00
MATCH EXISTING PAVEMENT
95+00
100+00
105+00
110+00
540' TAPER
560' TAPER
530' TAPER
100' TAPER
BEGIN RET WALL STA 101+00
END RET WALL STA 103+00
BEGIN RET WALL STA 99+50
END RET WALL STA 100+50
EXIST 5-60" RCP
EXTEND 5-60" RCP
STA 102+98.69
EXIST ROW
PROP ROW
EXIST EASEMENT
GRAYSON COUNTY LINE
DENTON COUNTY LINE
PILOT POINT CITY LIMIT ETJ
UN-NAMED TRIBUTARY TO PECAN CREEK TRIBUTARY 30
REMOVE EXIST ASPH PVMT
TIGER MART, EXXON, CHURCH'S CHICKEN, TACO EL VIDA
BUS 377
N WASHINGTON ST
PRODUCTION RD
MCDONALD DR
US 377
NB-002
NB-003
SB-002
SB-003
SB-004
R=50'
R=40'
R=1075'
MATCHLINE STA 155+00.00 CSJ 0081-06-040
LEGEND
COUNTY LIMITS
CITY LIMITS
DIRECTION OF TRAFFIC
PROPOSED CENTERLINE
EXISTING DRAINAGE EASEMENT
EXISTING R.O.W.
EXISTING RAILROAD R.O.W.
PROPOSED DRAINAGE EASEMENT
PROPOSED R.O.W.
EXISTING WATER
EXISTING OVERHEAD ELECTRIC
EXISTING GAS
EXISTING DITCH FLOW LINE
PROPOSED RETAINING WALL
CURVE DATA
RIPRAP (STONE PROTECTION)
EXISTING FEMA FLOOD PLAIN
PROPOSED CONC PAVEMENT
FUTURE PAVEMENT BY OTHERS
PROPOSED CONC SIDESTREET PAV
PROPOSED ASPH SIDESTREET PAV
PROPOSED ASPH TRANSITION PAV
PROPOSED CONC DRIVEWAY
PROPOSED ASPH DRIVEWAY
PROPOSED SIDEWALK
ROADWAY REMOVAL
POTENTIAL IMPACT
POTENTIAL DISPLACEMENT
PARCEL IDENTIFICATION NUMBER
PROPERTY LINES
DENTON COUNTY THOROUGHFARE PLAN FUTURE R.O.W.
5' CONTOUR ELEVATION DELINEATIONS
STORAGE LENGTH (SEE PLAN)
45 MPH - 345' DECEL (USUAL)*
100' TAPER (USUAL)
R=3'
R=100'
R=200'
R=90'
6'
16'
TYPICAL MEDIAN DETAIL
(NOT TO SCALE)
R=200'
R=100'
R=60'
R=10'
50'
2'
100' TAPER
45 MPH - 215' DECEL
100' STORAGE
HOODED LEFT TURN MEDIAN DETAIL
(NOT TO SCALE)

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

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

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.

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

CURVE DATA TABLE

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
CENTERLINE US 377 CURVE DATA															
1	P_377-1	104+83.06	7202357.09	2444820.31	9° 51′ 55.03" (LT)	6480.00	0° 53′ 03.10"	559.25	1115.74	S 17° 58′ 39.88" W	1114.36	99+23.80	110+39.54	S 22° 54′ 37.40" W	S 13° 02′ 42.37" W
2	P_377-2	144+58.46	7198481.60	2443922.36	3° 11′ 00.63" (LT)	6480.00	0° 53′ 03.10"	180.07	360.05	S 11° 27′ 12.05" W	360.00	142+78.38	146+38.43	S 13° 02′ 42.37" W	S 9° 51′ 41.74" W
3	P_377-3	148+18.50	7198126.78	2443860.68	3° 11′ 00.63" (RT)	6480.00	0° 53′ 03.10"	180.07	360.05	S 11° 27′ 12.05" W	360.00	146+38.43	149+98.47	S 9° 51′ 41.74" W	S 11° 27′ 12.05" W
CENTERLINE BUS 377/ N WASHINGTON ST CURVE DATA															
SS1	P_NWASH1	11+06.25	7201537.56	2444178.22	45° 39′ 13.93" (RT)	1039.00	5° 30′ 52.24"	437.33	827.89	N 80° 13′ 39.64" W	806.16	6+68.91	14+96.80	N 57° 24′ 02.67" E	S 76° 56′ 43.40" E

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-002	FREEMAN DEVELOPERS INC	N US 377	0.41
NB-003	PELZEL, SHARON YVONNE TR VIRGIL BEREND LIVING TRUST	N US 377	2.89
NB-004	BEREND, VIRGIL R	N US 377 & BEREND	23.92
NB-005	BEREND, VIRGIL R	908 BEREND RD	3.76
NB-006	INTEGRITY PILOT POINT #1, LLC	1333 N US 377	1.25
NB-007	INTEGRITY PILOT POINT #1, LLC	1321 N US 377	0.98
NB-008	KERN, PETER C	1301 N US 377	1.88
NB-009	RAK BUSINESS GROUP LLC	1225 N US 377	0.79
NB-010	HOLLAR, DENNIS SCOT	1217 N US 377	0.69
NB-011	HOLLAR, DENNIS	US 377	0.34
NB-012	CASTORENA, MAURILLO & ROMO, CESILIA	US 377	0.34
NB-013	DANE, BOBBY	1125 N US 377	0.69
NB-014	DANE, ALLISON HERITAGE TRUST-ALLISON DANE TR	1117 N US 377	0.69
NB-015	ARRINGTON OUTDOOR ADVERTISING LP	1109 N US 377	0.69
NB-016	ARRINGTON OUTDOOR ADVERTISING LP	1101 N US 377	0.69
NB-017	HILL, JOSH P	1025 N US 377	0.69
NB-018	MCILROY, JAMES R.	1017 N US 377	0.49
NB-019	QUIRING, MICHAEL SCOTT & KATHLEEN RENE TR QUIRING REVOCABLE TRUST	1009 N US 377	0.69
NB-020	APMAFS ENTERPRISES LLC	804 E MCDONALD DR	0.79
NB-021	AMTHOR, FRANK JR & DONNA C	821 MCDONALD DR	0.79
NB-022	RIDER, KEVIN B	917 N US 377	0.69
NB-023	RIDER, KEVIN B	901 N US 377	1.25
NB-024	FIELDS, BERT, JR	N US 377	314.49
SB-002	PILOT POINT ISD	N US 377	8.80
SB-003	FREEMAN DEVELOPERS INC	N US 377	2.33
SB-004	LAZAR INVESTMENT INC	1800 N US 377	2.67
SB-005	BEREND, VIRGIL R	WASHINGTON ST	6.00
SB-006	CITY OF PILOT POINT	-	5.19
SB-007	HEUMAN, JEFF & JOYCE	N US 377	3.00
SB-007A	TEXAS TRUSTED INVESTMENTS, INC	1320 US HWY 377	1.25
SB-007B	VRANIQI, NERIM	US HWY 377	1.16
SB-009	WALKER, LLOYD	1300 N US 377	2.98
SB-010	BAKER, HARLAN & BAKER, GEORGE & GREEN, JOHN	1224 N US 377	1.31
SB-011	BAKER, GEORGE & GLENDA, BAKER, HARLON & FREDA & JARESH, LANNY & CLETA	1216 N US 377	1.29
SB-012	SCHON, MARK	1156 N US 377	3.73
SB-013	SCHON, MARK	1112 N US 377	1.77
SB-014	SCHON, MARK	1108 N US 377	0.39
SB-015	SCHON, MARK	1100 N US 377	1.15
SB-016	DANE, ALLISON HERITAGE TRUST - ALLISON DANE TR	1024A US 377	0.78
SB-017	SCHINDLER, CYNTHIA D	1008 N US 377	2.13
SB-018	DANE, ALLISON HERITAGE TRUST - ALLISON DANE TR	930 N US 377	1.13
SB-019	TYGRA REALTY LLC	926 N US 377	3.76
SB-020	STRITTMATTER, BERNICE IND EXT	800 N US 377	3.00
SB-021	STRITTMATTER, BERNICE IND EXT	700 N US 377	0.71
SB-022	SCHON, MARK	600 N US 377	1.00
SB-023	HUDSPETH, NORA JO LIVING TRUST	500 N US 377	1.71

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
97+65.00	1.2%	98+70.00	-2.5%
100+30.00	3.0%	99+60.00	-3.0%
109+30.00	3.0%	110+05.00	-3.0%
112+50.00	-1.5%	110+95.00	-1.5%
116+20.00	-1.5%	116+20.00	-1.5%
116+70.00	-2.0%	116+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.

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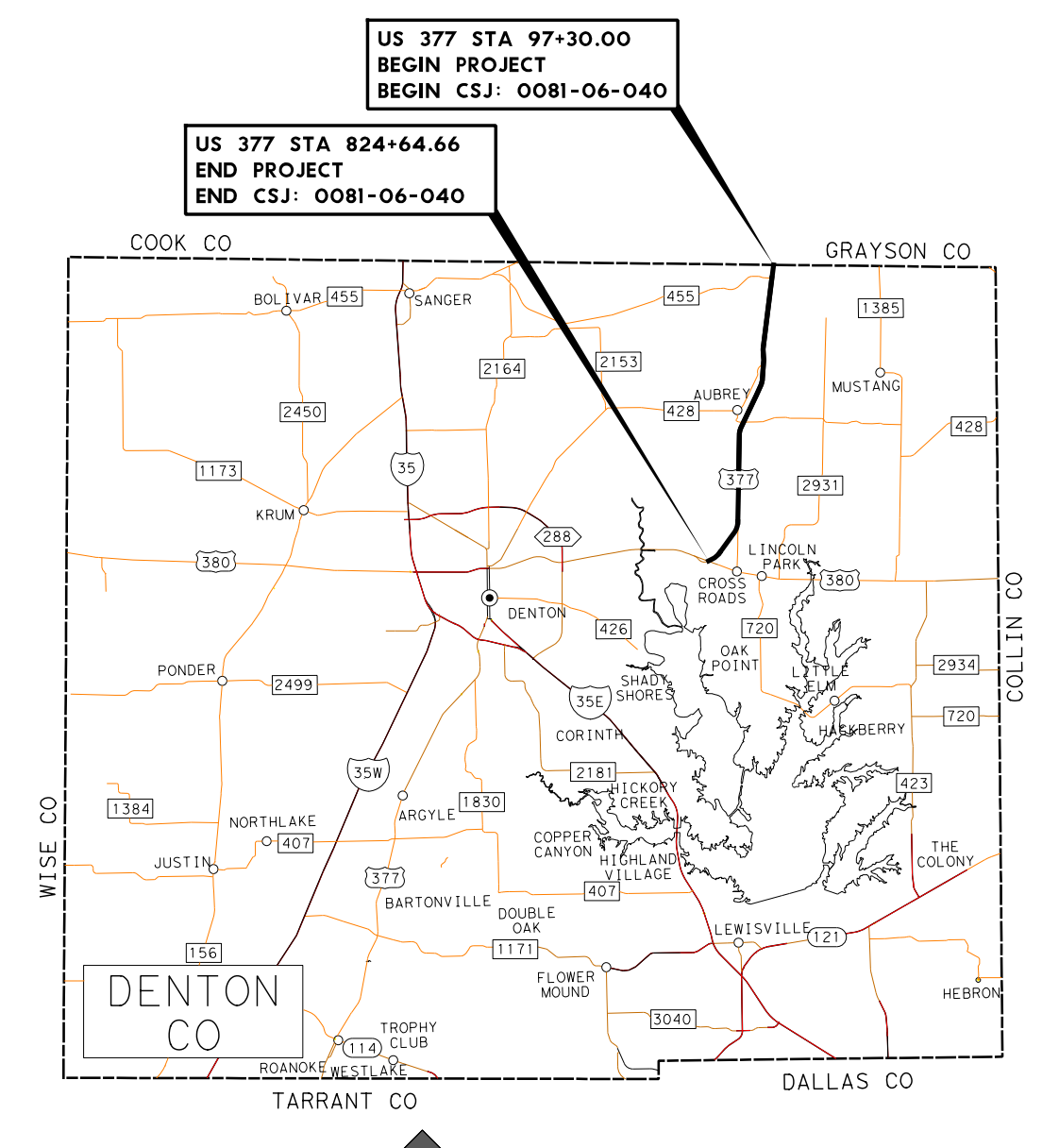
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION DESIGN SPEED FUNCTIONAL CLASS
US 377 45 MPH URBAN PRINCIPAL ARTERIAL
BUS US 377/ N WASHINGTON ST 30 MPH RURAL MAJOR COLLECTOR
BEREND RD 30 MPH LOCAL
E NORTHSIDE DR 30 MPH LOCAL
PRODUCTION RD 30 MPH LOCAL
MCDONALD DR 30 MPH LOCAL
PROJECT LOCATION
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
08/31/2020
DATE APPROVED
ROLL 1 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET



TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

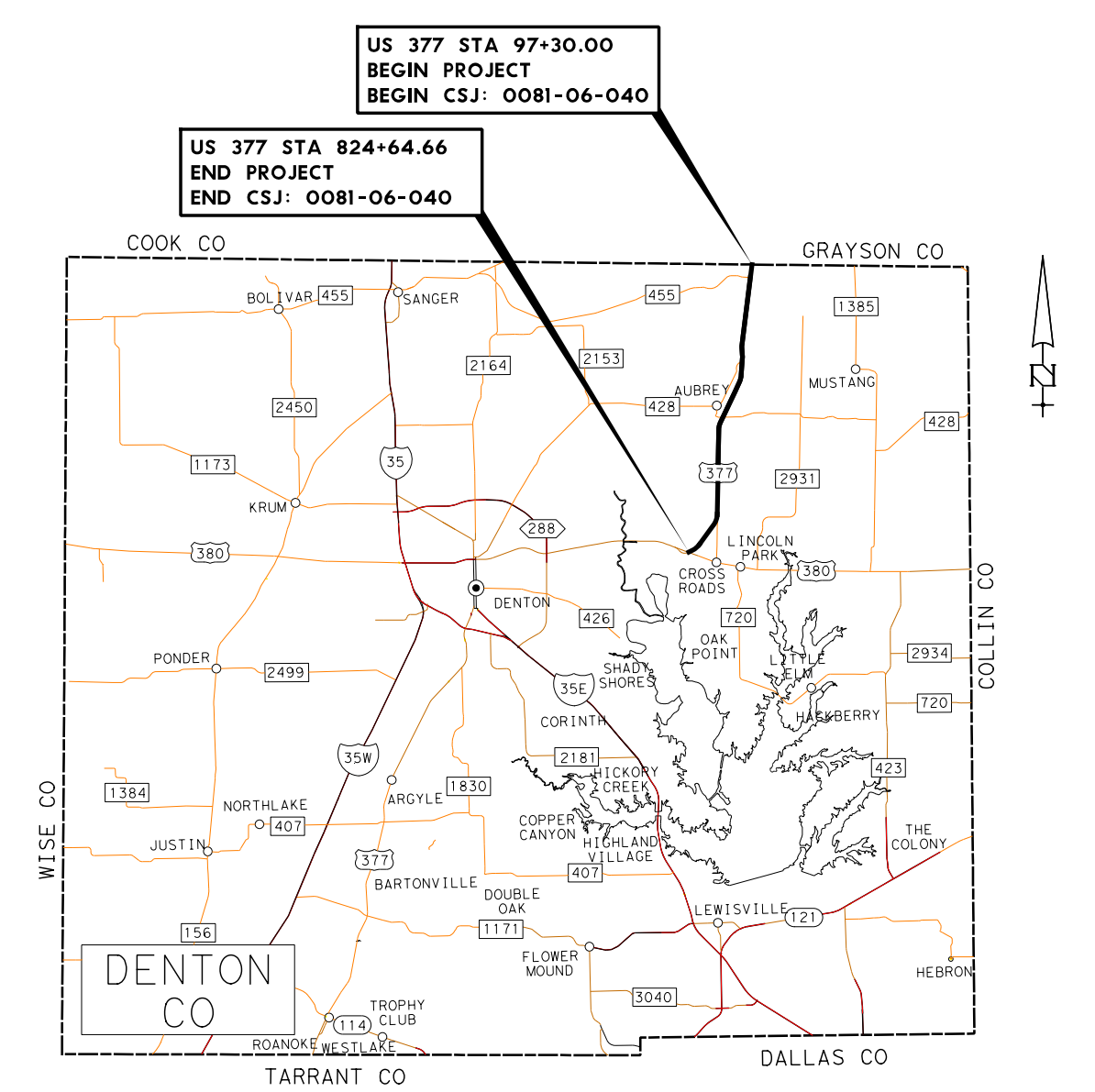
US 377

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



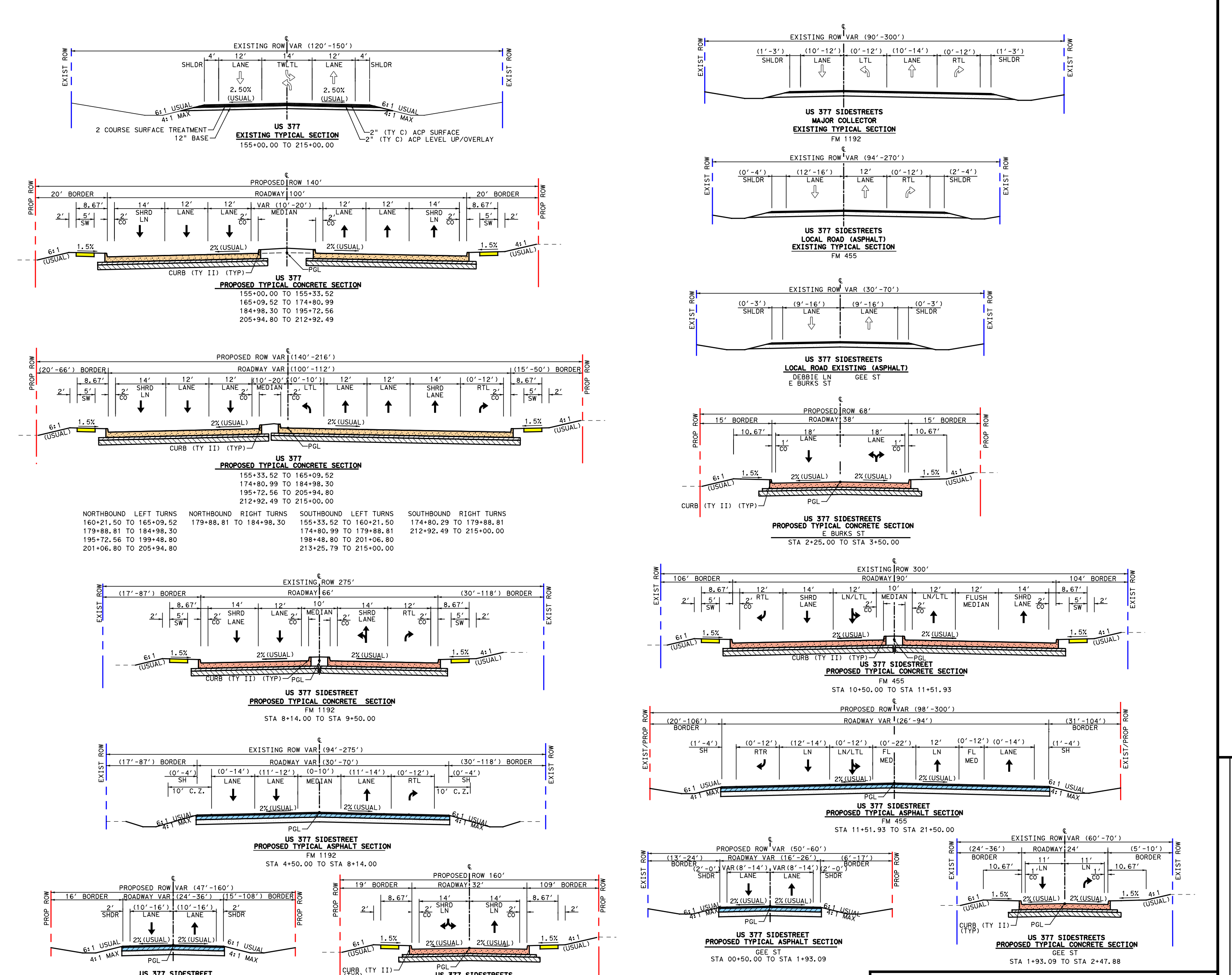
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230

Dustin C. Ogle
91101
10/6/2020

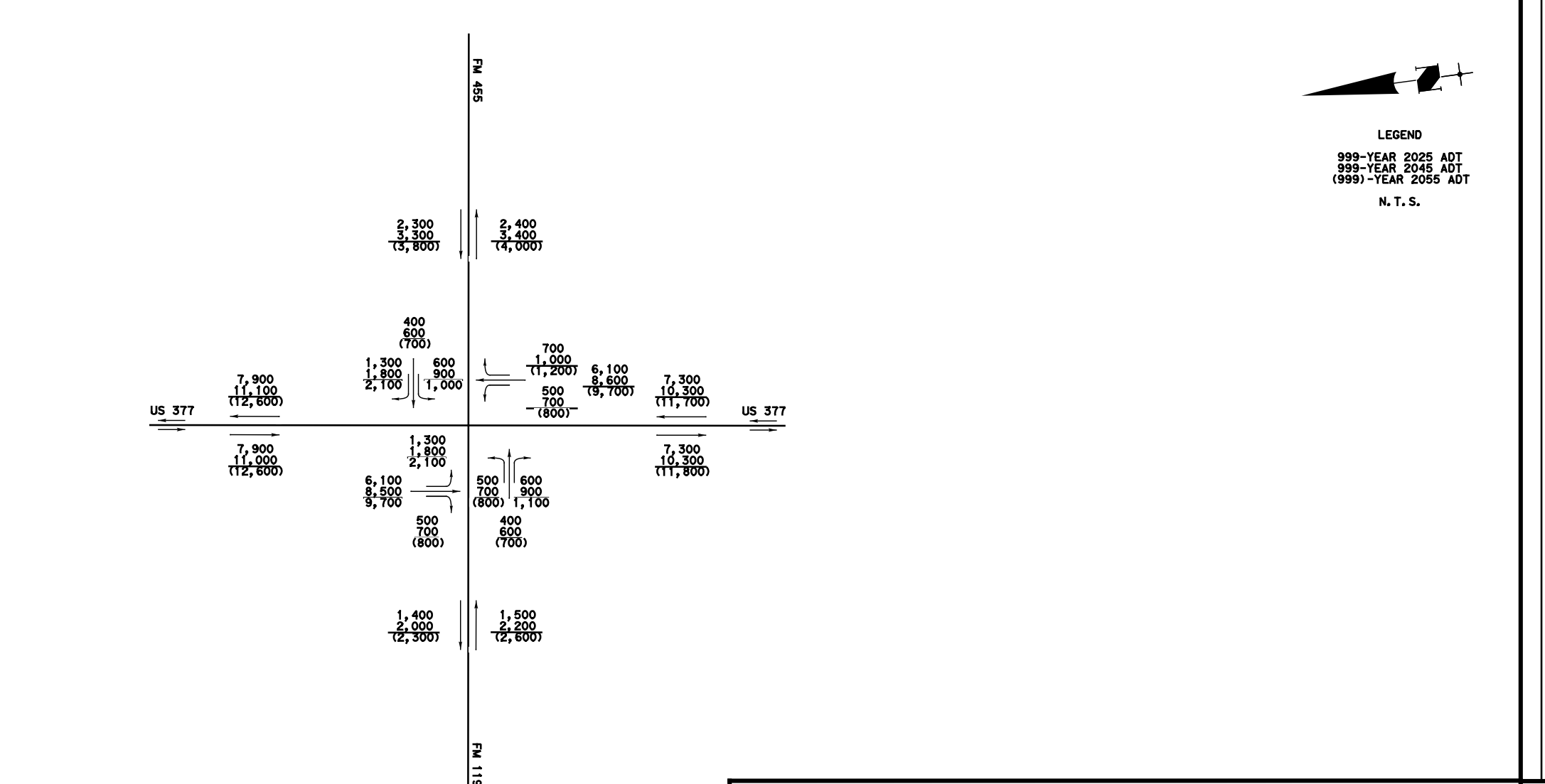
08/31/2020
DATE APPROVED

ROLL 2 of 15

OCTOBER 2020



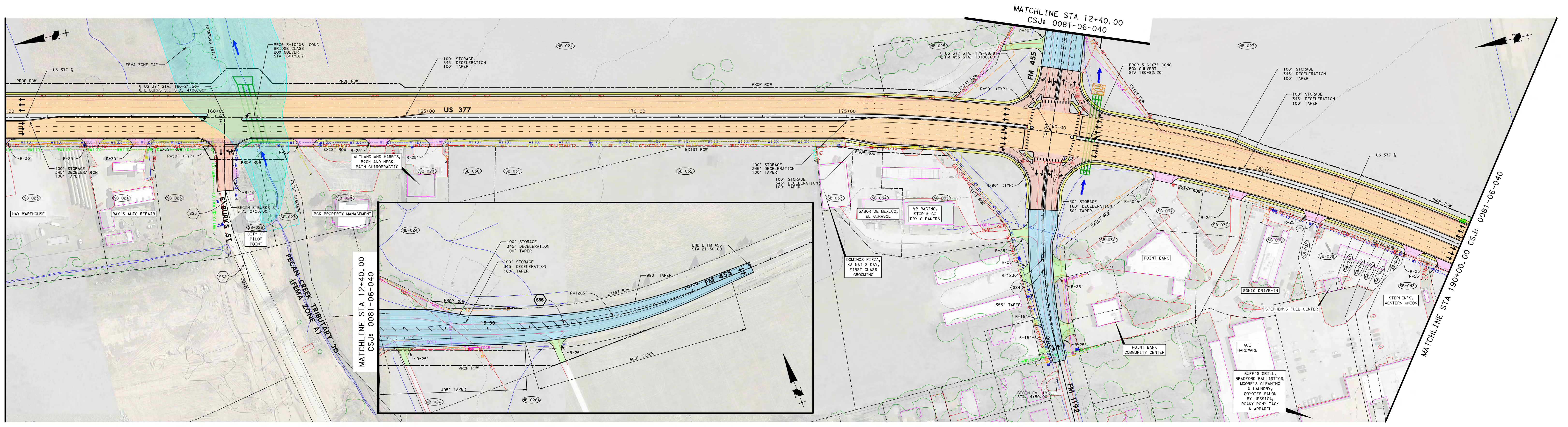
TYPICAL SECTIONS

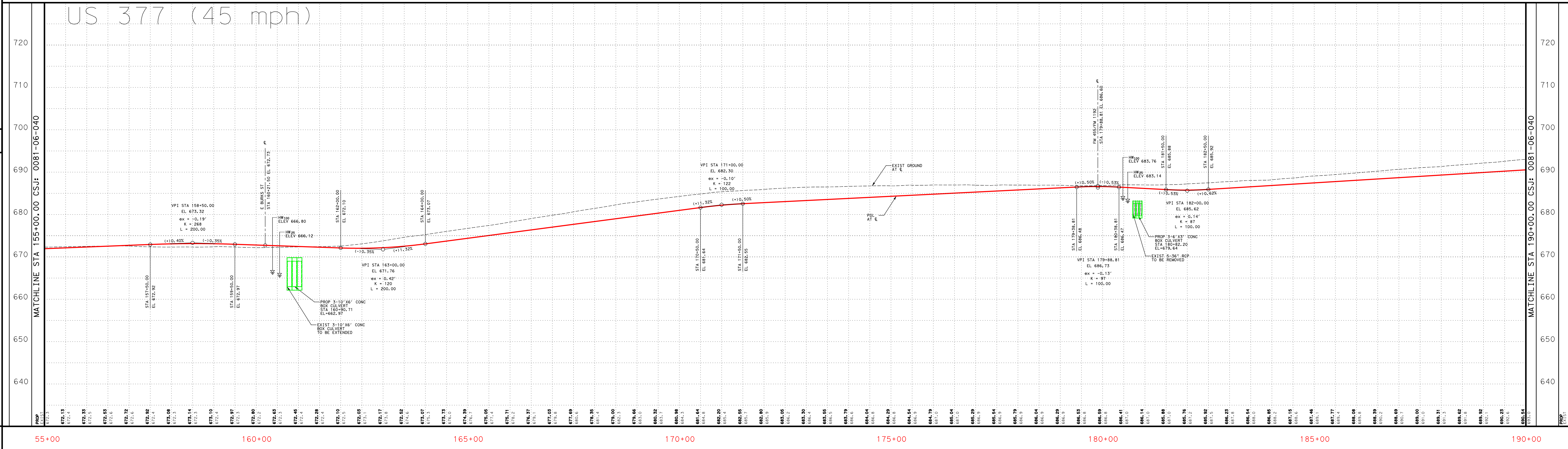


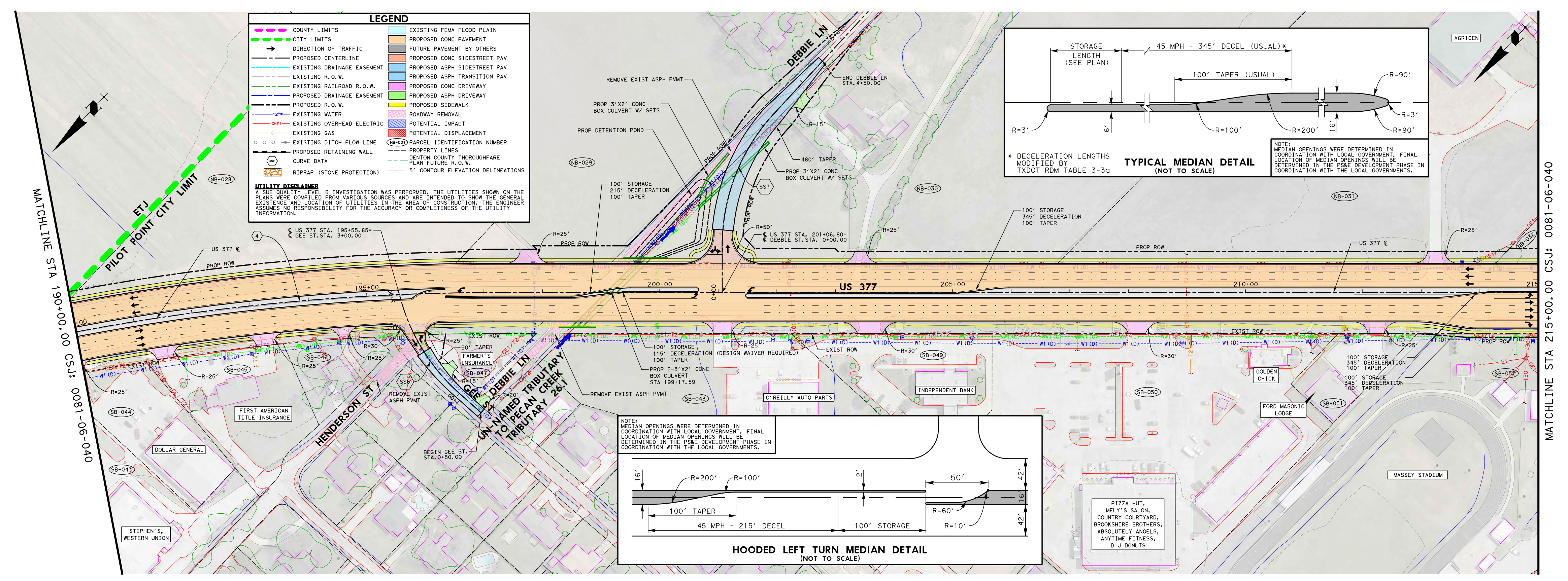
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

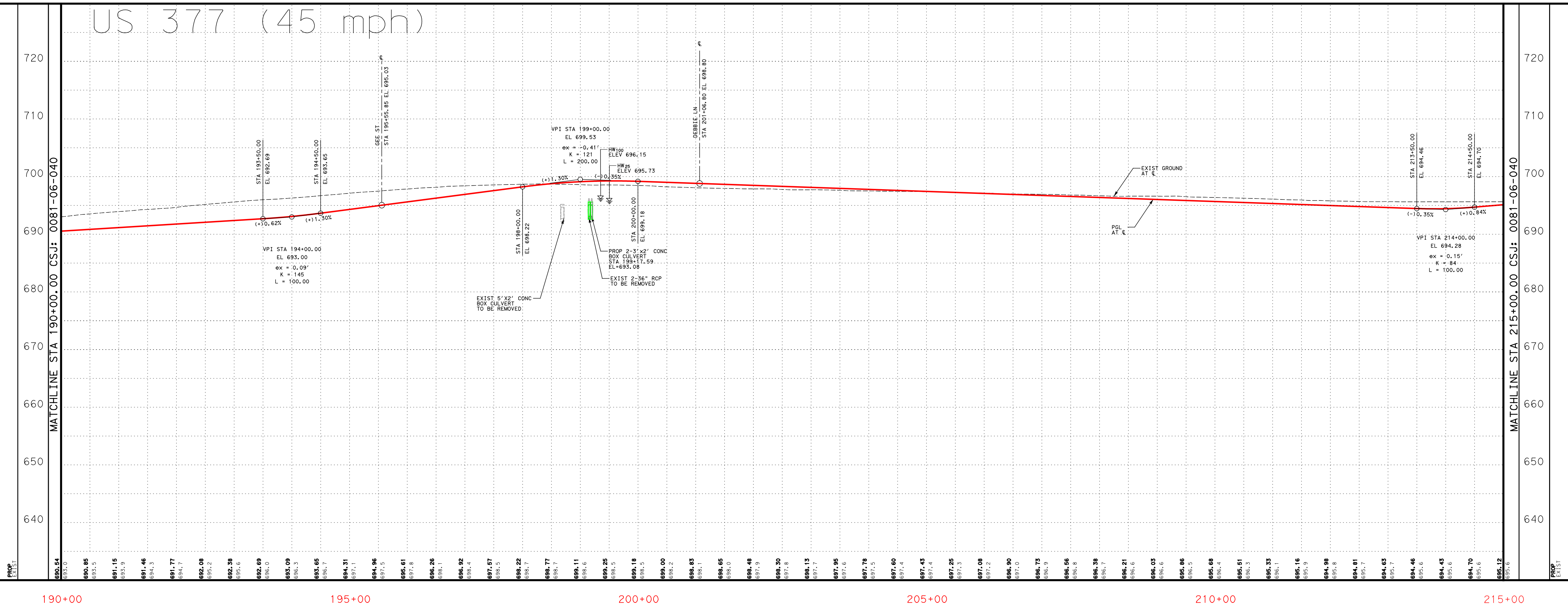
TxDOT TPP APPROVAL GRANTED 09-22-2020
TRAFFIC DATA PROVIDED BY OTHON, INC. ON 07-13-2020

TRAFFIC DIAGRAMS









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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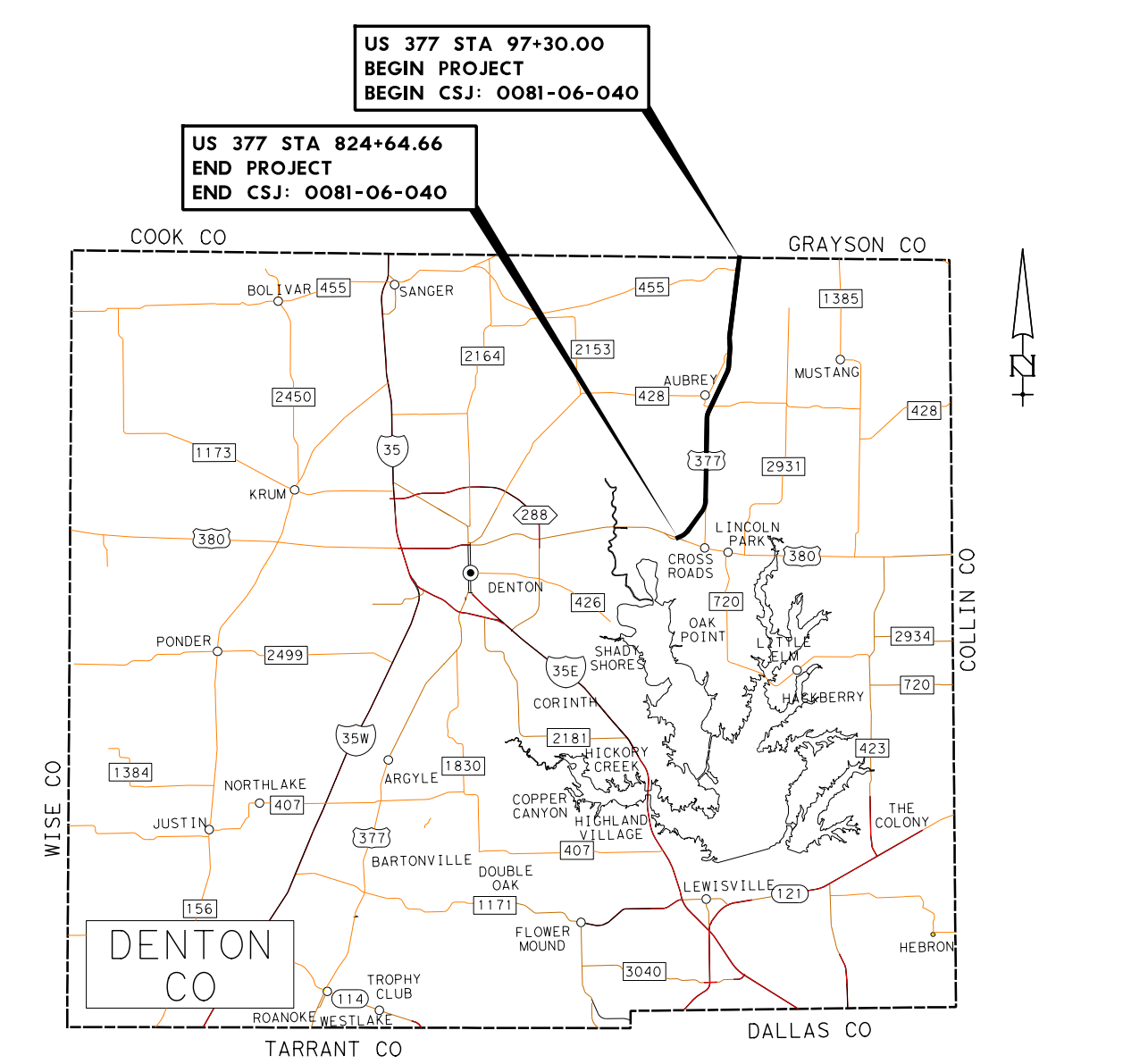
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
PROJECT LOCATION



PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
08/31/2020
DATE APPROVED
ROLL 2 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

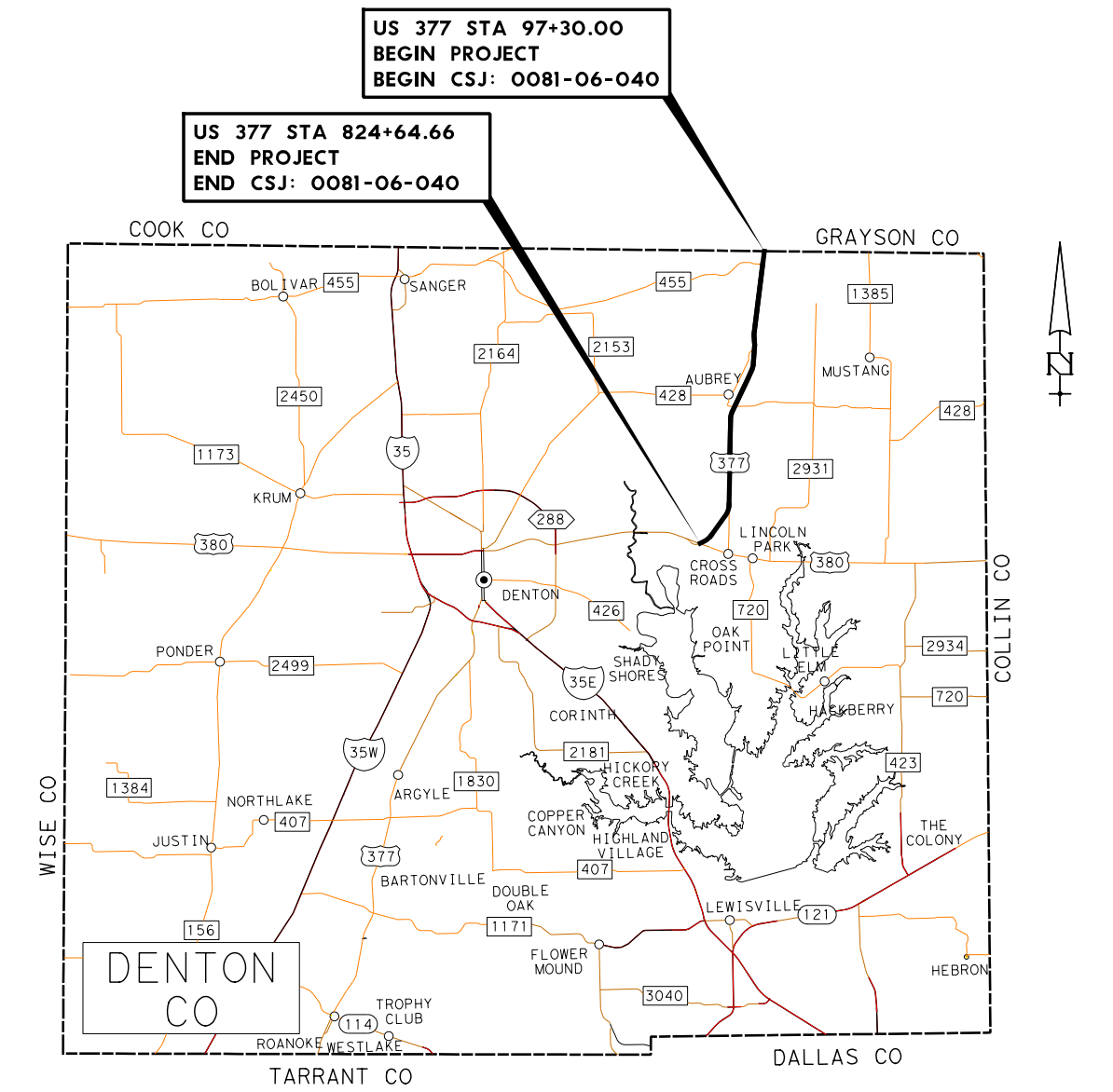
US 377

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



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

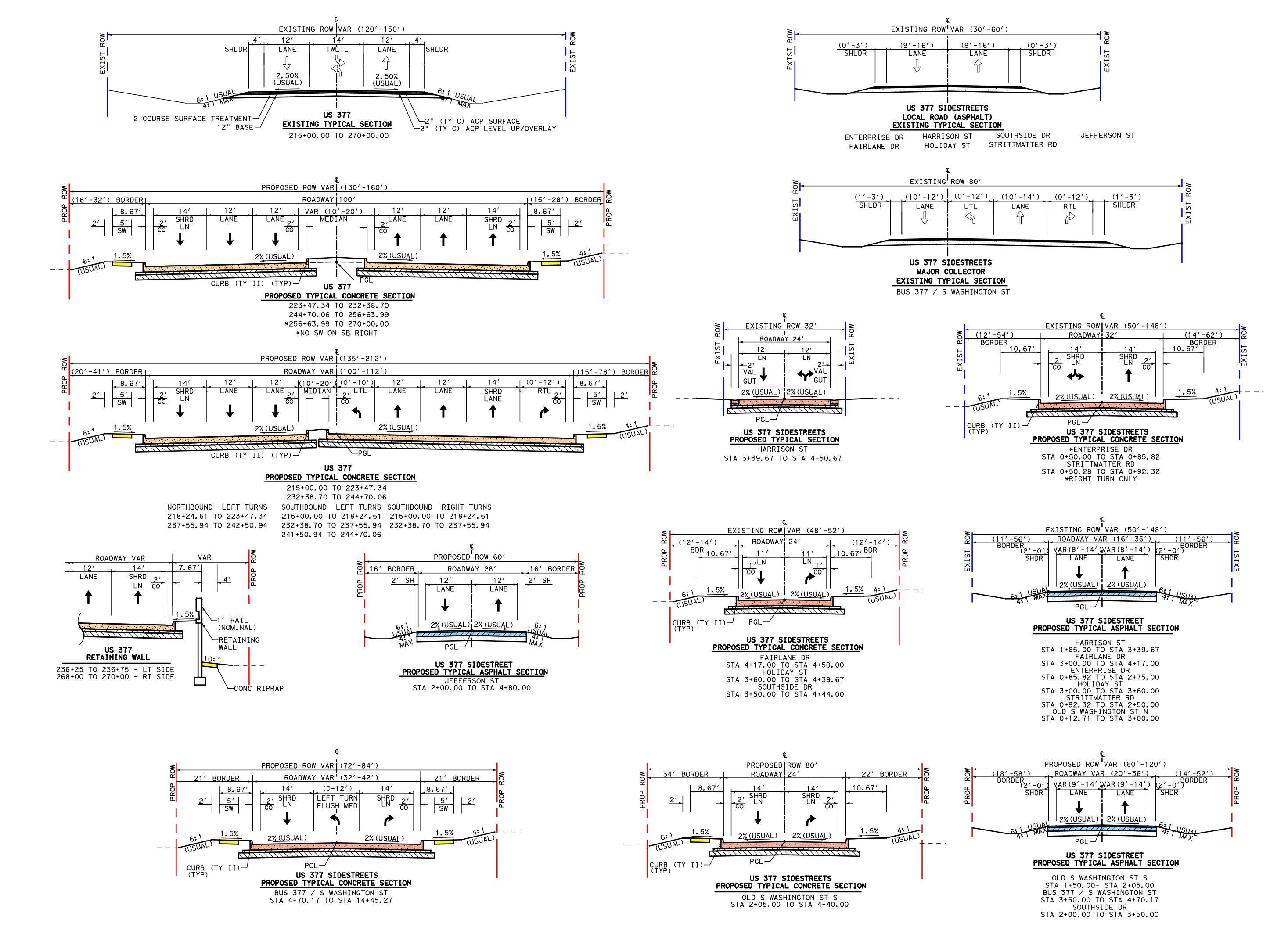
Dustin C. Ogle
91101
10/6/2020

08/31/2020
DATE APPROVED

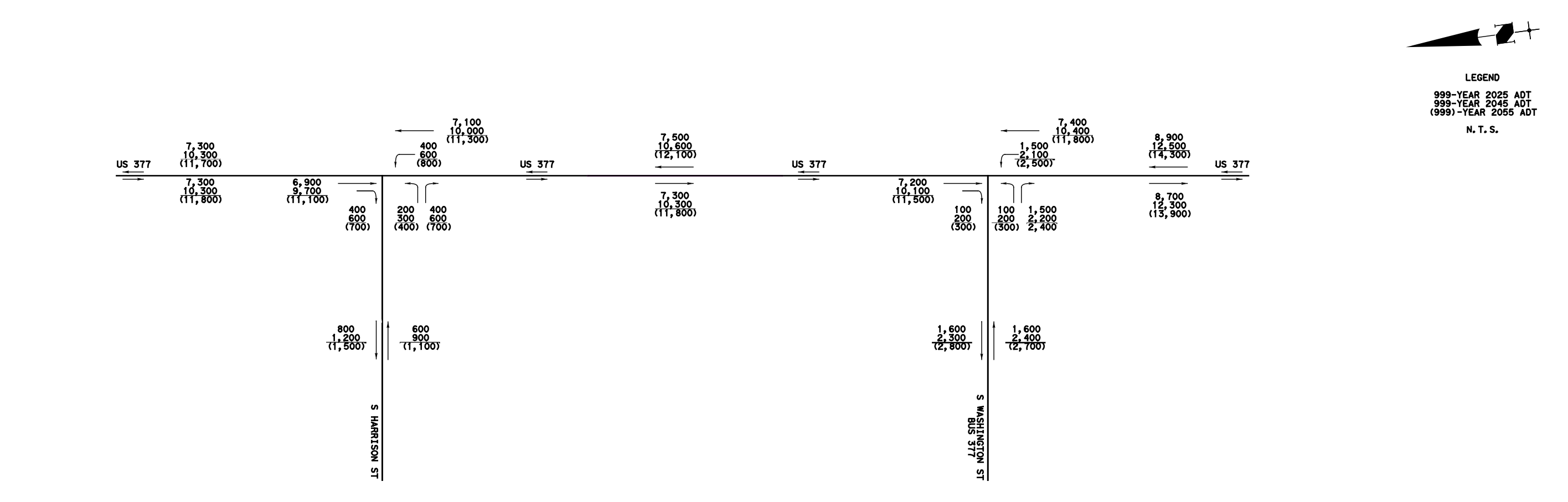
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 3 of 15

OCTOBER 2020



TYPICAL SECTIONS



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

TRAFFIC DIAGRAMS

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
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	218+92.07	S 46° 47' 39.03" W	S 49° 38' 29.47" W
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	222+14.09	S 49° 38' 29.47" W	S 46° 47' 39.03" W
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	267+99.50	S 46° 47' 39.03" W	S 7° 44' 55.48" W

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	3+30.67	S 0° 43' 06.86" E	S 15° 00' 19.45" E
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	4+81.49	S 15° 00' 19.45" E	S 40° 57' 17.81" E

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	4+03.88	N 88° 16' 36.04" E	S 44° 03' 44.65" E

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	1+60.63	S 43° 12' 20.97" E	S 28° 42' 11.03" E
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	2+89.24	S 28° 42' 11.03" E	S 1° 22' 20.26" W

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	5+00.00	N 88° 27' 59.13" E	S 73° 12' 20.97" E

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	5+00.00	S 0° 35' 38.79" E	S 38° 11' 03.83" W

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	7+70.87	S 0° 45' 55.50" E	S 51° 48' 56.17" E

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	3+02.50	S 38° 11' 03.83" W	S 0° 29' 53.71" E
SS18	OLD_SWASH21	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	4+86.73	S 6° 29' 10.31" W	S 42° 16' 02.80" E

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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS17	P_STRITTMATT1	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	3+45.40	S 58° 57' 24.57" E	S 89° 02' 19.42" E

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.
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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

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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
PROJECT LOCATION
08/31/2020
DATE APPROVED
ROLL 3 of 15
OCTOBER 2020

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

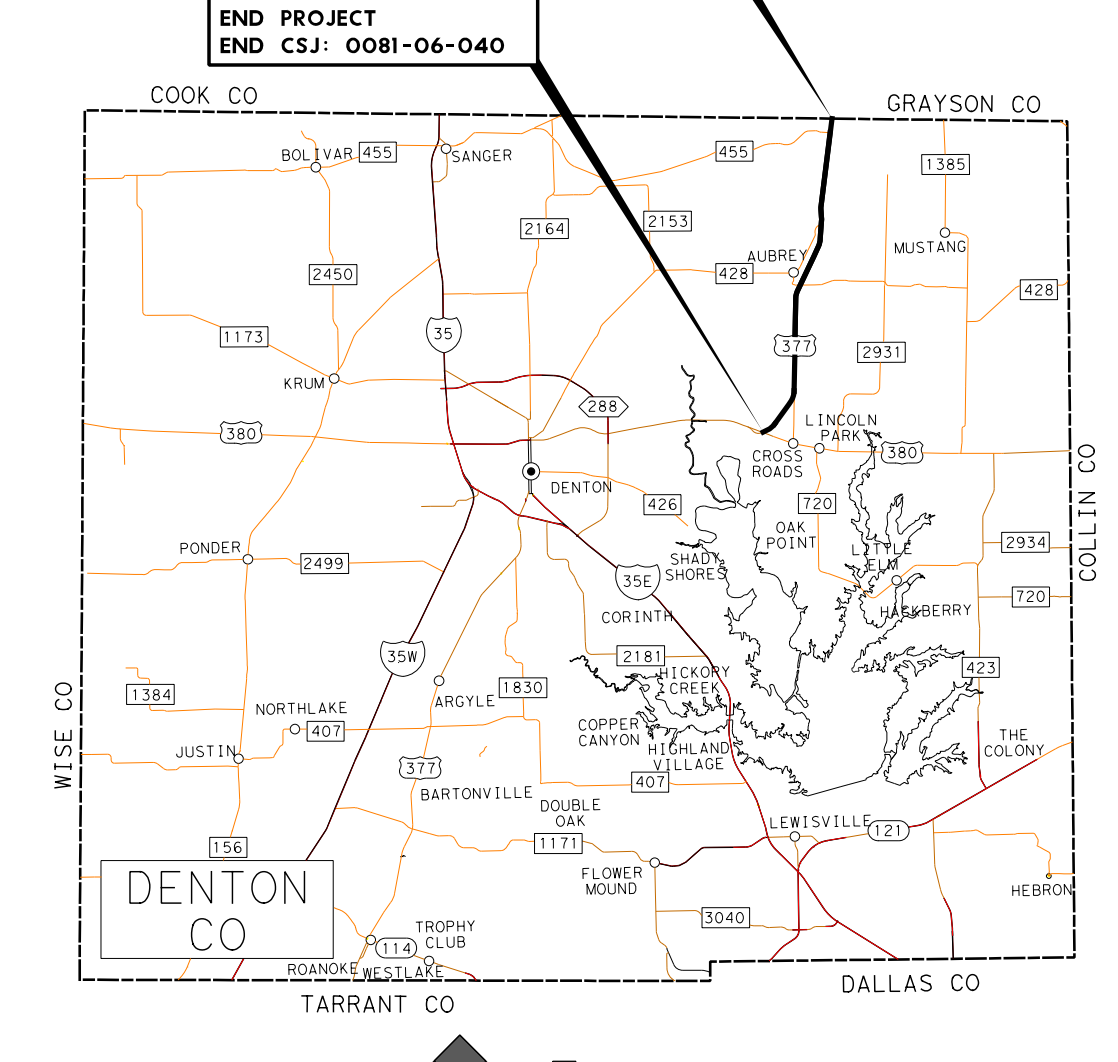
US 377

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
FOUTCH RD	30 MPH	LOCAL
ZIPPER RD	30 MPH	LOCAL
FM 455 W	30 MPH	MINOR ARTERIAL

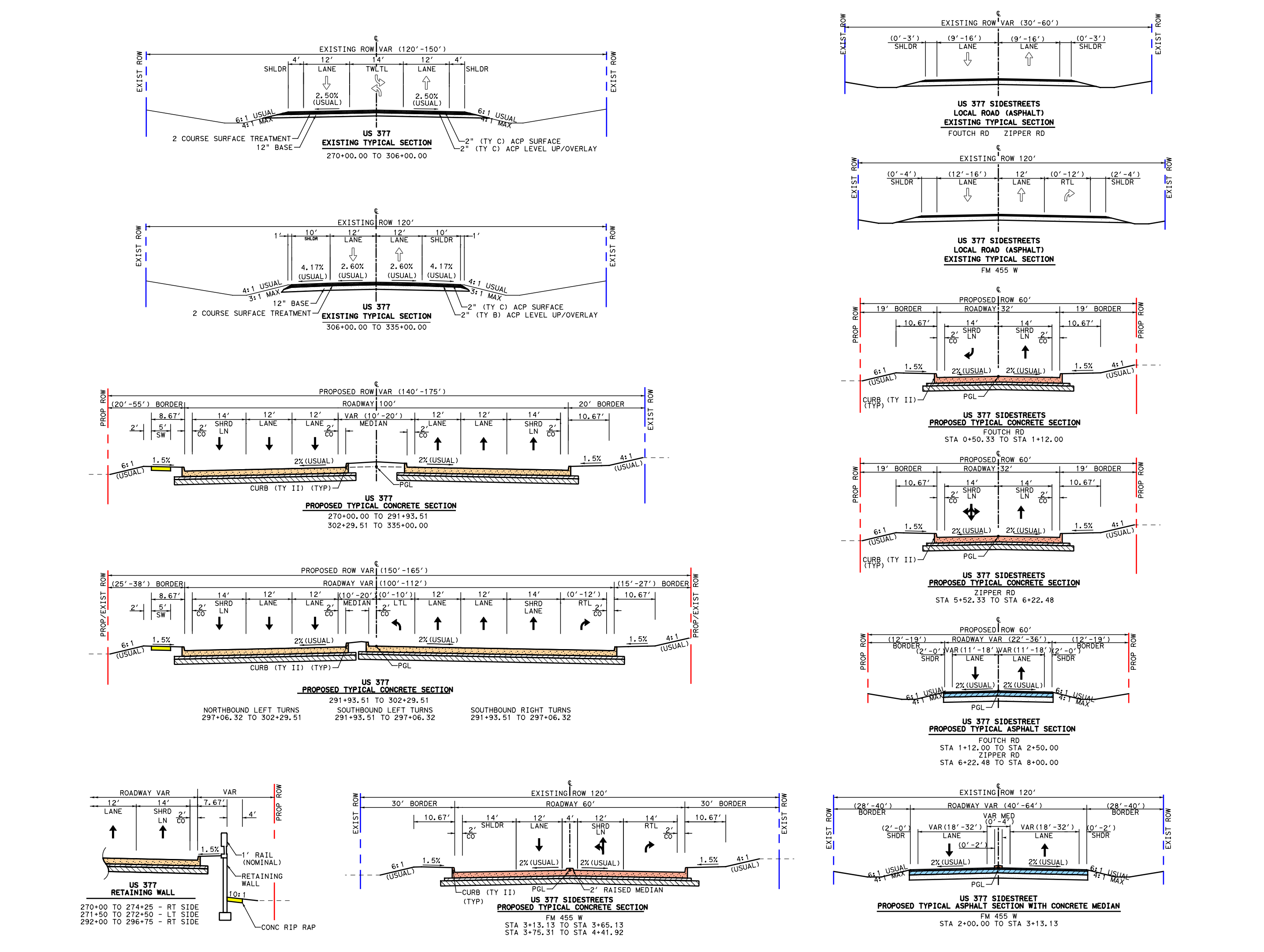
PROJECT LOCATION


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
WISE CO
COLLIN CO
TARRANT CO
DALLAS CO
DENTON CO
SANGER
AUBREY
MUSTANG
KRUM
DENTON
CROSS ROADS
LINCOLN PARK
OAK POINT
LITTLE ELM
PONDER
CORINTH
HICKORY CREEK
SHADY SHORES
HACKBERRY
NORTHLAKE
JUSTIN
ARGYLE
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
BOLIVAR
377
380
35
35E
35W

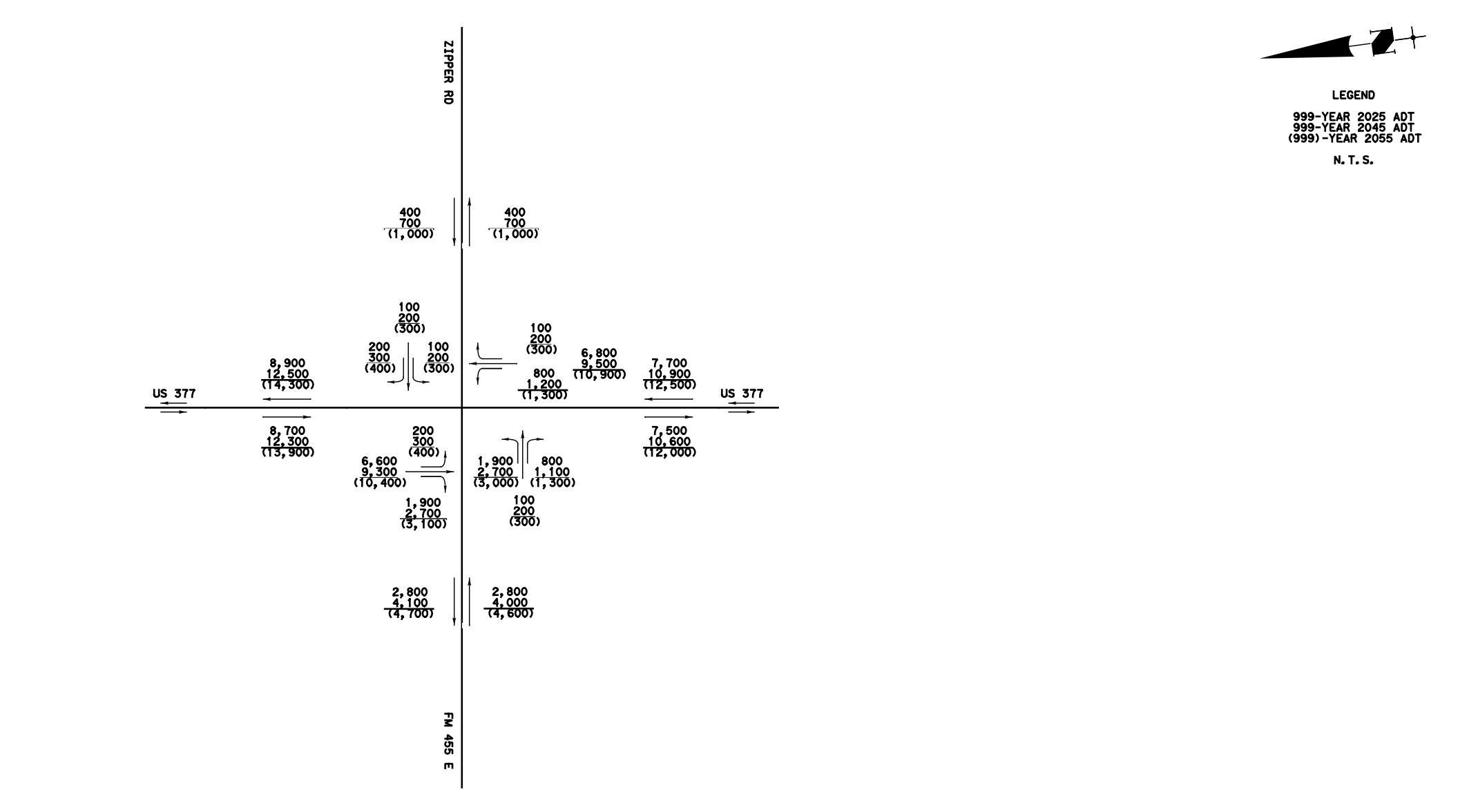
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230

Dustin C. Ogle
91101
10/7/2020

08/31/2020
DATE APPROVED


EXIST ROW
PROP ROW
PROP/EXIST ROW
US 377
RETAINING WALL
270+00 TO 274+25 - RT
271+50 TO 272+50 - LT
292+00 TO 296+75 - RT

TYPICAL SECTIONS



TRAFFIC DIAGRAMS

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

US 377
TEXAS EDUCATION CENTER
TYPICAL MEDIAN DETAIL
LEGEND

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

ROLL 4 of 15

OCTOBER 2020

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
8	P_377-8	287+05.62	7186168.14	2437817.89	1° 52' 59.63" (LT)	6480.00	0° 53' 03.10"	106.50	212.99	S 6° 48' 25.67" W	212.98	285+99.11	288+12.10	S 7° 44' 55.48" W	S 5° 51' 55.85" W
9	P_377-9	289+18.61	7185956.25	2437796.13	1° 52' 59.63" (RT)	6480.00	0° 53' 03.10"	106.50	212.99	S 6° 48' 25.67" W	212.98	288+12.10	290+25.09	S 5° 51' 55.85" W	S 7° 44' 55.48" W
10	P_377-10	300+93.17	7184792.39	2437637.76	1° 52' 59.63" (RT)	6480.00	0° 53' 03.10"	106.50	212.99	S 8° 41' 25.30" W	212.98	299+86.66	301+99.65	S 7° 44' 55.48" W	S 9° 37' 55.12" W
11	P_377-11	303+06.16	7184582.39	2437602.12	1° 52' 59.63" (LT)	6480.00	0° 53' 03.10"	106.50	212.99	S 8° 41' 25.30" W	212.98	301+99.65	304+12.64	S 9° 37' 55.12" W	S 7° 44' 55.48" W

CENTERLINE FM 455 W 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
SS19	P_ZIPPER1	4+62.66	7185166.77	2437652.81	13° 05' 40.58" (LT)	762.00	7° 31' 08.87"	87.46	174.15	N 85° 24' 33.63" E	173.77	3+75.20	5+49.35	S 88° 02' 36.08" E	N 78° 51' 43.34" E

CENTERLINE ZIPPER 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS20	P_ZIPPER2	6+32.43	7185199.71	2437820.12	12° 26' 38.23" (RT)	762.00	7° 31' 08.87"	83.08	165.50	N 85° 05' 02.46" E	165.17	5+49.35	7+14.85	N 78° 51' 43.34" E	S 88° 41' 38.43" E

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-057	STUCKEY, DOROTHY LIFE ESTATE &	1311 S US 377	1.00
NB-058	GENE MCCUTCHIN LTD III	FOUTCH RD	121.96
NB-059	S & W HUGGETT LLC	-	7.14
NB-060	PUGA, ERNESTO	S US 377	2.61
NB-061	S & W HUGGETT LLC	S US 377	27.10
NB-062	AUTOMOTIVE PROPERTIES, LP	11590 US 377	15.00
NB-063	REDFEARN, CALVIN DAVID	11100 US 377	18.84
NB-064	TEXAS CONFERENCE ASSOC OF SEVENTH-DAY ADVENTISTS	11010 US 377	18.84
NB-065	MARTINEZ, NANCY J	US 377	18.84
SB-062	PILOT POINT, CITY OF	1214 S US 377	0.84
SB-073	EDWARDS, SCOTT	11670 MASSEY RD	49.95
SB-074	ROBERTS, EUGENE A III & ALICE FAY	1324 S US 377	35.72
SB-075	MUSTANG WATER SUPPLY	S US 377	1.70
SB-076	TEXAS & PACIFIC RAILWAY CO.	-	9.00
SB-077	KERN, PETER C	10279 FM 455 E	13.42
SB-078	THE WASH RAAK LLC	-	0.10
SB-079	THE WASH RAAK LLC	10359 FM 455 E	0.58
SB-081	DAUGHERTY, CAROLYN JEAN TR DAUGHERTY LIVING TRUST	HWY 377	133.93
SB-082	CALDWELL, ELINOR H, TRS CALDWELL FAMILY TRUST	MASSEY RD	73.50

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
291+90.00	-2.0%		
293+20.00	-1.0%		
294+25.00	1.0%		
295+50.00	2.0%		
299+20.00	2.0%		
300+50.00	1.0%		
301+50.00	-1.0%		
302+40.00	-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.

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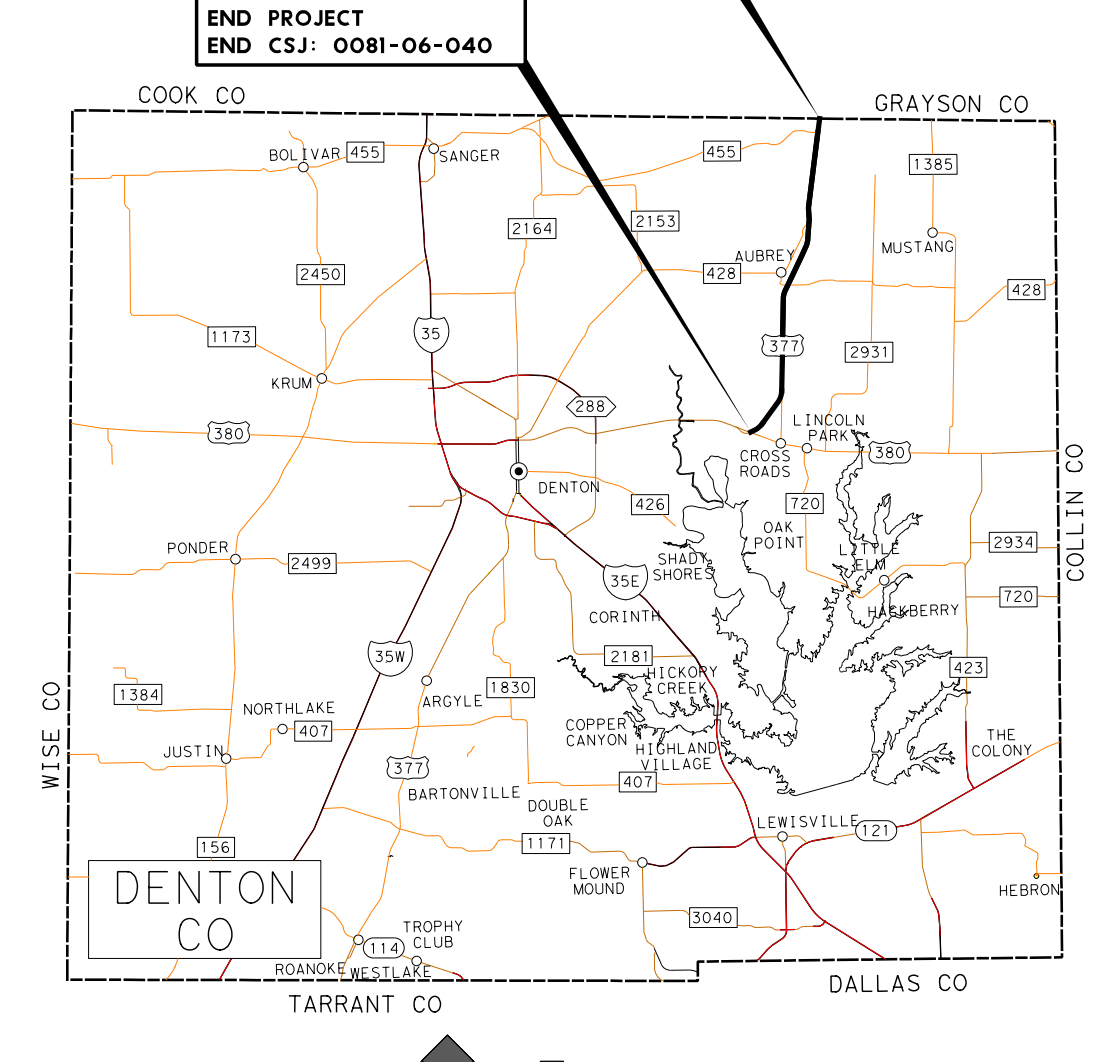
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION DESIGN SPEED FUNCTIONAL CLASS
US 377 45 MPH URBAN PRINCIPAL ARTERIAL
FOUTCH RD 30 MPH LOCAL
ZIPPER RD 30 MPH LOCAL
FM 455 W 30 MPH MINOR ARTERIAL
PROJECT LOCATION



PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
10/7/2020
08/31/2020
DATE APPROVED
50 0 50 100
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET
ROLL 4 of 15
OCTOBER 2020

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

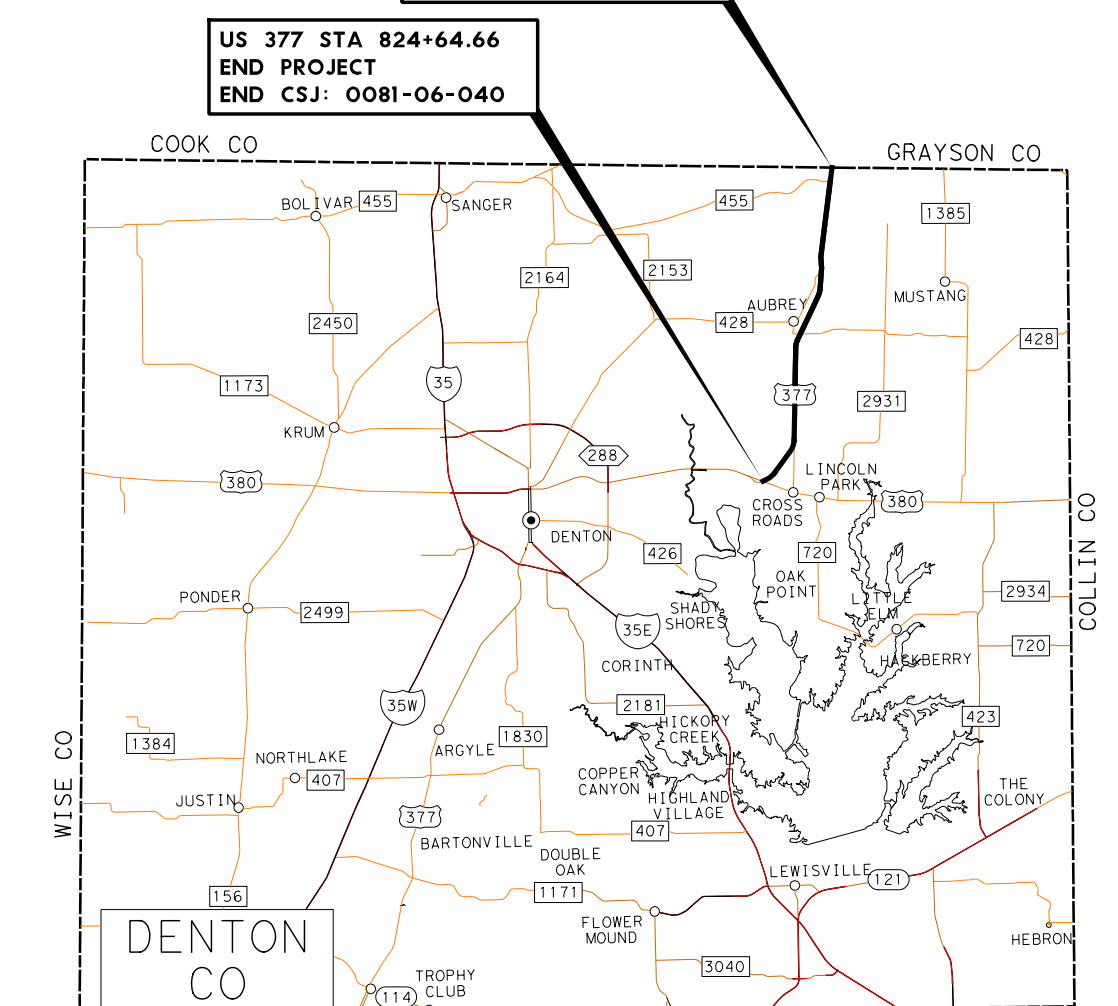
US 377

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
FRIENDSHIP RD	30 MPH	RURAL MINOR COLLECTOR
ST JOHN RD	30 MPH	LOCAL

PROJECT LOCATION


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

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

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

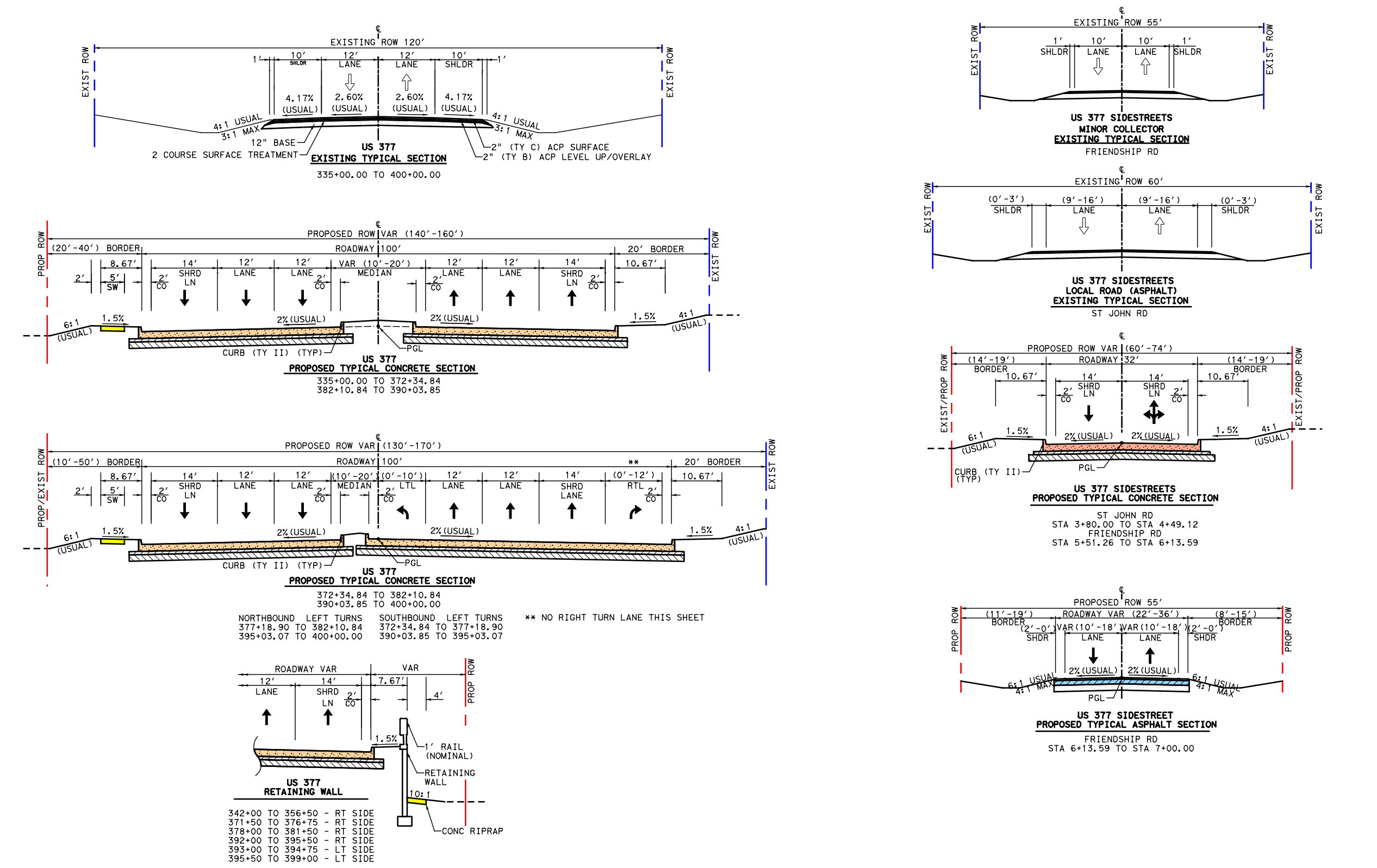
08/31/2020
DATE APPROVED

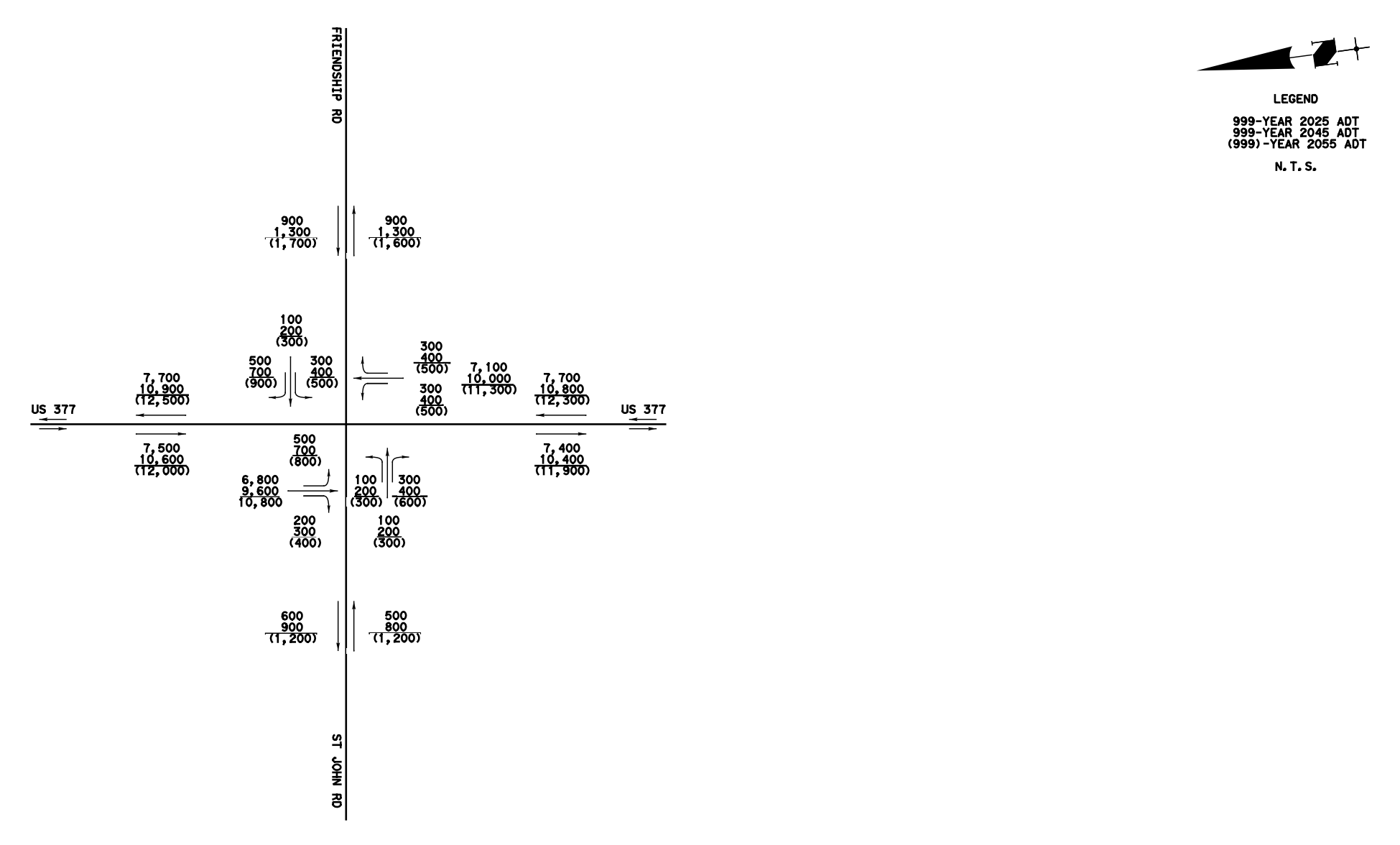
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 5 of 15

OCTOBER 2020

TYPICAL SECTIONS


EXISTING ROW 120'
1' 10' SHLDR 12' LANE 12' LANE 10' SHLDR 1'
4.17% (USUAL) 2.60% (USUAL) 2.60% (USUAL) 4.17% (USUAL)
4:1 USUAL 3:1 MAX
12" BASE
2 COURSE SURFACE TREATMENT
2" (TY C) ACP SURFACE
2" (TY B) ACP LEVEL UP/OVERLAY
US 377
EXISTING TYPICAL SECTION
335+00.00 TO 400+00.00
PROPOSED ROW VAR (140'-160')
(20'-40') BORDER
ROADWAY 100'
20' BORDER
8.67' 2' 5' SW 14' SHRD LN 12' LANE 12' LANE VAR (10'-20') MEDIAN 2' CO
10.67'
6:1 (USUAL) 1.5% 2% (USUAL) 4:1 (USUAL)
CURB (TY II) (TYP)
PGL
US 377
PROPOSED TYPICAL CONCRETE SECTION
335+00.00 TO 372+34.84
382+10.84 TO 390+03.85
PROPOSED ROW VAR (130'-170')
(10'-50') BORDER
(10'-20') MEDIAN (0'-10') LTL
14' SHRD LANE (0'-12') RTL
US 377
PROPOSED TYPICAL CONCRETE SECTION
372+34.84 TO 382+10.84
390+03.85 TO 400+00.00
NORTHBOUND LEFT TURNS
377+18.90 TO 382+10.84
395+03.07 TO 400+00.00
SOUTHBOUND LEFT TURNS
372+34.84 TO 377+18.90
390+03.85 TO 395+03.07
** NO RIGHT TURN LANE THIS SHEET
ROADWAY VAR
VAR
12' LANE 14' SHRD LN 2' CO 7.67' 4'
1' RAIL (NOMINAL)
RETAINING WALL
10:1
CONC RIPRAP
US 377
RETAINING WALL
342+00 TO 356+50 - RT SIDE
371+50 TO 376+75 - RT SIDE
378+00 TO 381+50 - RT SIDE
392+00 TO 395+50 - RT SIDE
393+00 TO 394+75 - LT SIDE
395+50 TO 399+00 - LT SIDE
EXISTING ROW 55'
1' SHLDR 10' LANE 10' LANE 1' SHLDR
US 377 SIDESTREETS
MINOR COLLECTOR
EXISTING TYPICAL SECTION
FRIENDSHIP RD
EXISTING ROW 60'
(0'-3') SHLDR (9'-16') LANE (9'-16') LANE (0'-3') SHLDR
US 377 SIDESTREETS
LOCAL ROAD (ASPHALT)
EXISTING TYPICAL SECTION
ST JOHN RD
PROPOSED ROW VAR (60'-74')
(14'-19') BORDER
ROADWAY 32'
10.67' 14' SHRD LN 2' CO
CURB (TY II) (TYP)
US 377 SIDESTREETS
PROPOSED TYPICAL CONCRETE SECTION
ST JOHN RD
STA 3+80.00 TO STA 4+49.12
FRIENDSHIP RD
STA 5+51.26 TO STA 6+13.59
PROPOSED ROW 55'
(11'-19') BORDER
ROADWAY VAR (22'-36')
(8'-15') BORDER
(2'-0') SHDR VAR (10'-18') LANE VAR (10'-18') LANE (2'-0') SHDR
6:1 USUAL 4:1 MAX
US 377 SIDESTREET
PROPOSED TYPICAL ASPHALT SECTION
FRIENDSHIP RD
STA 6+13.59 TO STA 7+00.00
EXIST ROW
PROP ROW
PROP/EXIST ROW
EXIST/PROP ROW


FRIENDSHIP RD
ST JOHN RD
US 377
US 377
900 1,300 (1,700)
900 1,300 (1,600)
100 200 (300)
500 700 (900)
300 400 (500)
300 400 (500)
300 400 (500)
7,100 10,000 (11,300)
7,700 10,900 (12,500)
7,700 10,800 (12,300)
7,500 10,600 (12,000)
7,400 10,400 (11,900)
500 700 (800)
6,800 9,600 10,800
100 200 (300)
300 400 (600)
200 300 (400)
100 200 (300)
600 900 (1,200)
500 800 (1,200)
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

LEGEND
TYPICAL MEDIAN DETAIL
MATCHLINE STA 335+00.00 CSJ: 0081-06-040
MATCHLINE STA 400+00.00 CSJ: 0081-06-040
US 377
FRIENDSHIP RD
ST JOHN RD
PROP ROW
EXIST ROW
NB-065
SB-081
SB-082
BELEW CEMETERY

CURVE DATA TABLE

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
CENTERLINE US 377 CURVE DATA															
12	P_377-12	386+90.01	7176274.28	2436477.55	1° 35′ 29.76" (RT)	6480.00	0° 53′ 03.10"	90.01	180.01	S 8° 29′ 09.47" W	180.00	386+00.00	387+80.01	S 7° 41′ 24.59" W	S 9° 16′ 54.35" W
13	P_377-13	388+70.01	7176096.62	2436448.51	1° 35′ 29.76" (LT)	6480.00	0° 53′ 03.10"	90.01	180.01	S 8° 29′ 09.47" W	180.00	387+80.01	389+60.01	S 9° 16′ 54.35" W	S 7° 41′ 24.59" W
CENTERLINE ST JOHN RD CURVE DATA															
SS21	P_STJOHN1	4+58.70	7177232.19	2436566.26	7° 21′ 59.40" (LT)	1039.00	5° 30′ 52.24"	66.88	133.58	N 87° 55′ 31.01" E	133.49	3+91.82	5+25.40	N 88° 23′ 29.29" E	N 84° 14′ 31.31" E
CENTERLINE FRIENDSHIP RD CURVE DATA															
SS22	P_STJOHN2	5+73.13	7177243.69	2436680.29	5° 15′ 37.32" (RT)	1039.00	5° 30′ 52.24"	47.73	95.39	N 86° 52′ 19.97" E	95.36	5+25.40	6+20.80	N 84° 14′ 31.31" E	N 89° 30′ 08.63" E

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-065	MARTINEZ, NANCY J	US 377	18.84
NB-066	PELZEL, MORRIS & PAMELA	US 377	18.84
NB-067	L & S PELZEL PROPERTIES LTD	11100 US 377	18.84
NB-068	MORRIS, PAUL G & SHARON Y	US 377	55.16
NB-069	MORRIS, PAUL G & SHARON Y	US 377	14.80
NB-070	TOMMY MANION INC	10061 US 377	52.34
NB-071	MANION, THOMAS R	US 377	0.80
NB-072	SIMONS, ANDREA JO	9811 FRIENDSHIP RD	19.40
NB-072A	NEMANI RANCH LLC	-	11.47
NB-073	NEMANI RANCH LLC	9950 US 377	3.58
NB-074	MIDWAY BAPTIST CHURCH	US 377	3.28
NB-075	MIDWAY BAPTIST CHURCH	-	1.51
NB-076	MIDWAY BAPTIST CHURCH	9540 US 377	5.00
SB-081	DAUGHERTY, CAROLYN JEAN TR DAUGHERTY LIVING TRUST	HWY 377	133.93
SB-082	CALDWELL, ELINOR H, TRS CALDWELL FAMILY TRUST	MASSEY RD	73.50
SB-083	T&P R R	PERSONAL PROPERTY	2.00
SB-084	STURM, PAUL HENRY	10100 MASSEY RD	66.35
SB-085	PILOT POINT REAL ESTATE LLC	9620 SAINT JOHN RD	45.51
SB-086	PILOT POINT REAL ESTATE LLC	SAINT JOHN RD	7.01
SB-087	MINTON, DENCIL KEITH & CHERYL A	9597 SAINT JOHN RD	1.89
SB-088	MINTON, DENCIL KEITH & CHERYL A	9641 SAINT JOHN RD	0.11
SB-089	METCALF, STEPHEN C & CAROL C	9691 SAINT JOHN RD	11.48
SB-090	TEXAS & PACIFIC RAILWAY CO.	-	3.66
SB-091	BELEW CEM ASSOC	-	9.77
SB-092	BELEW CEMETARY	BELEW RD	13.47
SB-093	MOORE, GAIL S TRUSTEE OF MOORE REVOCABLE TRUST	-	24.71

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
375+80.00	-2.0%	375+80.00	-2.0%
376+30.00	-1.5%	376+30.00	-1.5%
378+00.00	-1.5%	378+00.00	-1.5%
378+50.00	-2.0%	378+50.00	-2.0%
383+90.00	-2.0%	383+90.00	-2.0%
387+95.00	2.0%	387+95.00	-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 C379 - FEMA EFFECTIVE DATE 04/18/2011

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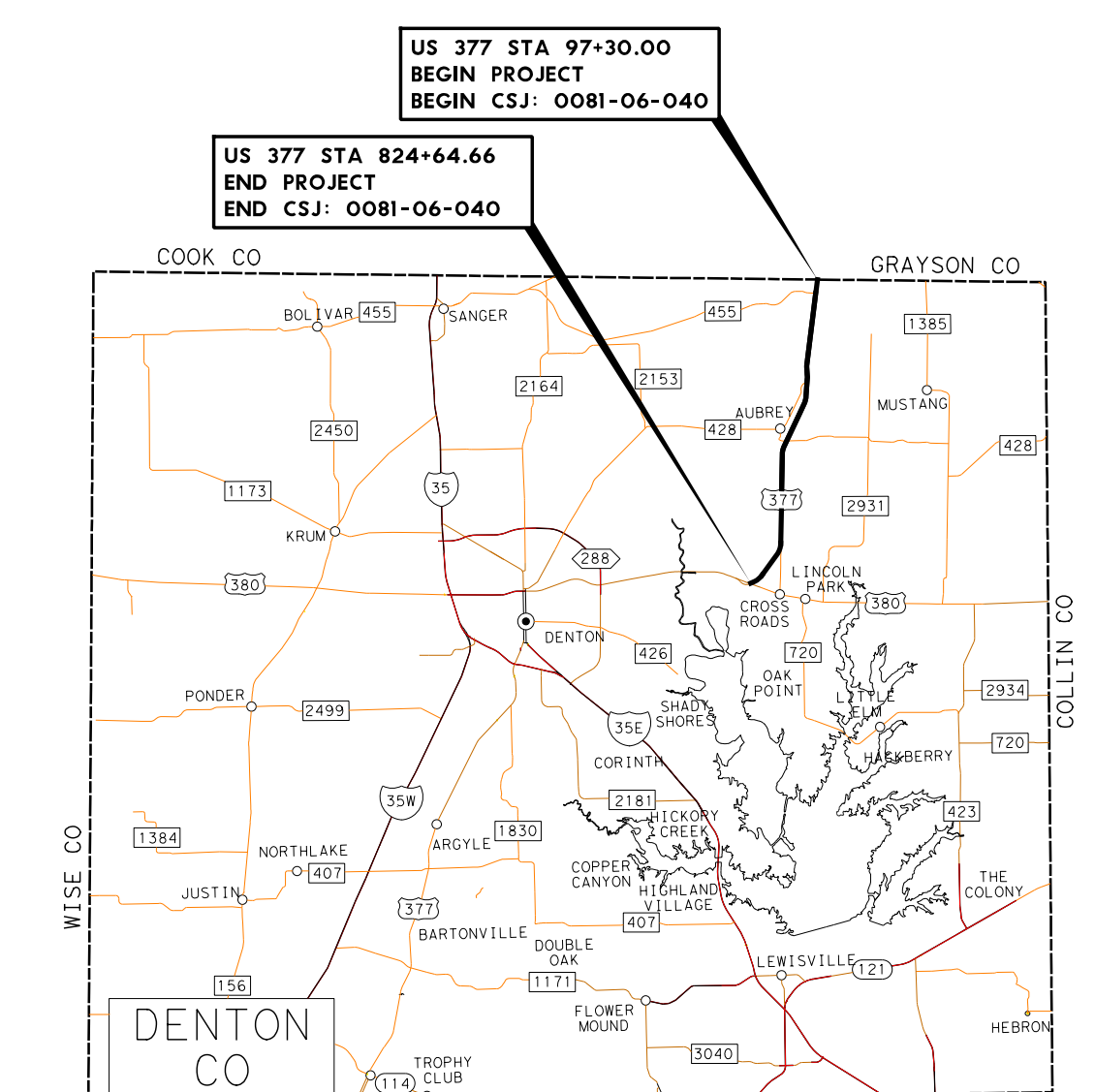
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION / DESIGN SPEED / FUNCTIONAL CLASS
US 377 / 45 MPH / URBAN PRINCIPAL ARTERIAL
FRIENDSHIP RD / 30 MPH / RURAL MINOR COLLECTOR
ST JOHN RD / 30 MPH / LOCAL
PROJECT LOCATION



PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
08/31/2020
DATE APPROVED
ROLL 5 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

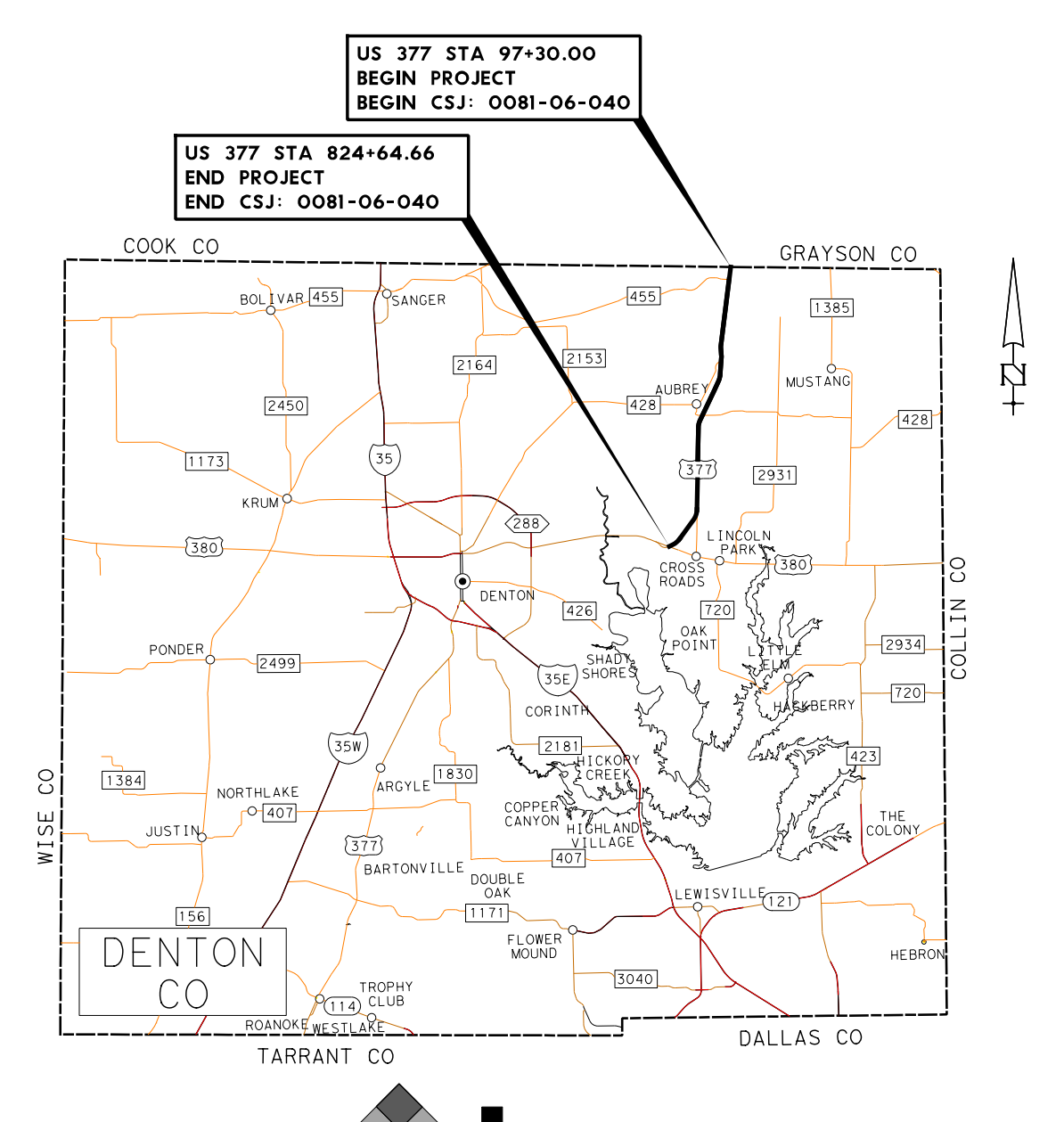
US 377

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
COLE RD	30 MPH	LOCAL
FM 3524/E SHERMAN DR	30 MPH	RURAL MAJOR COLLECTOR

PROJECT LOCATION



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

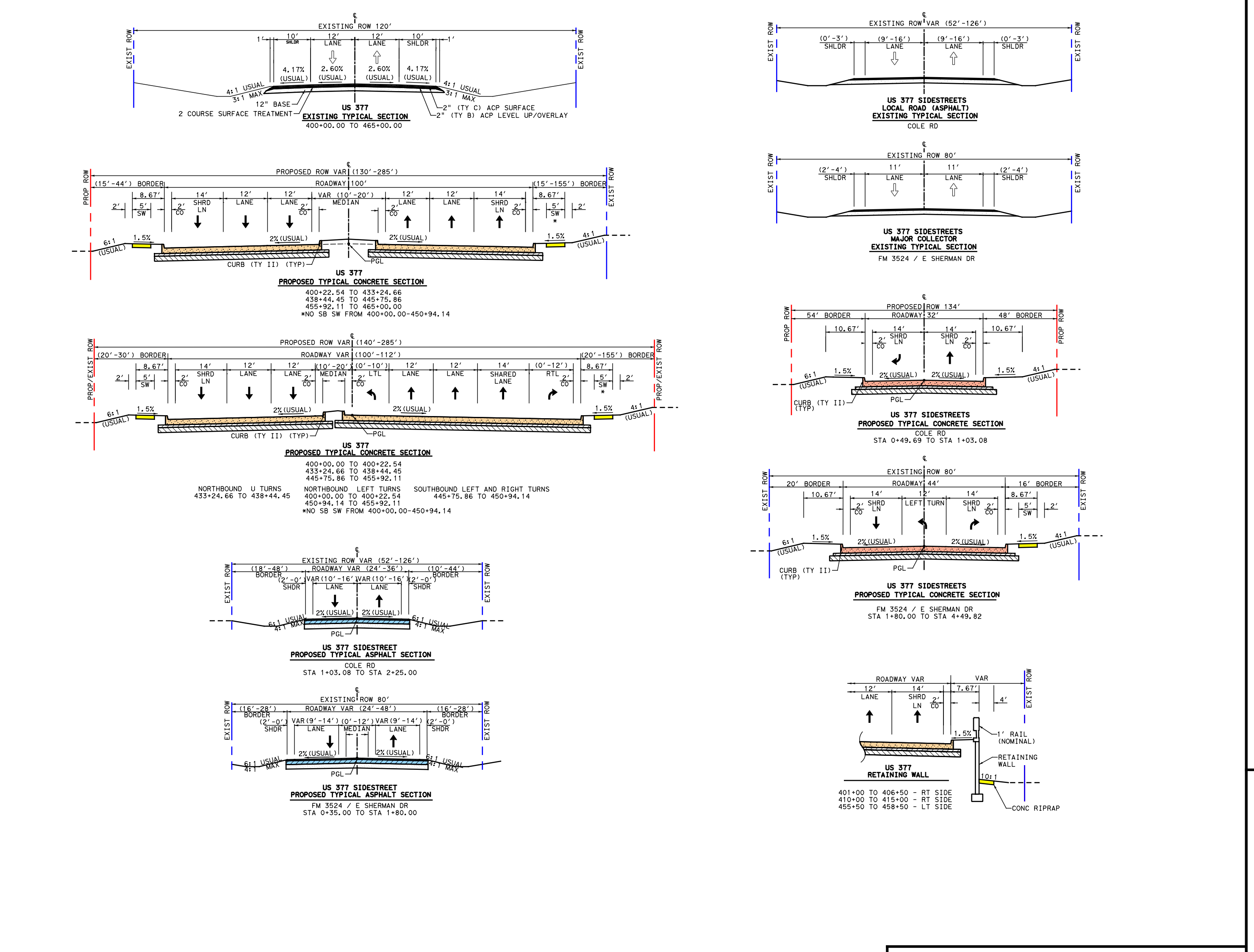
Dustin C. Ogle
91101
10/7/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

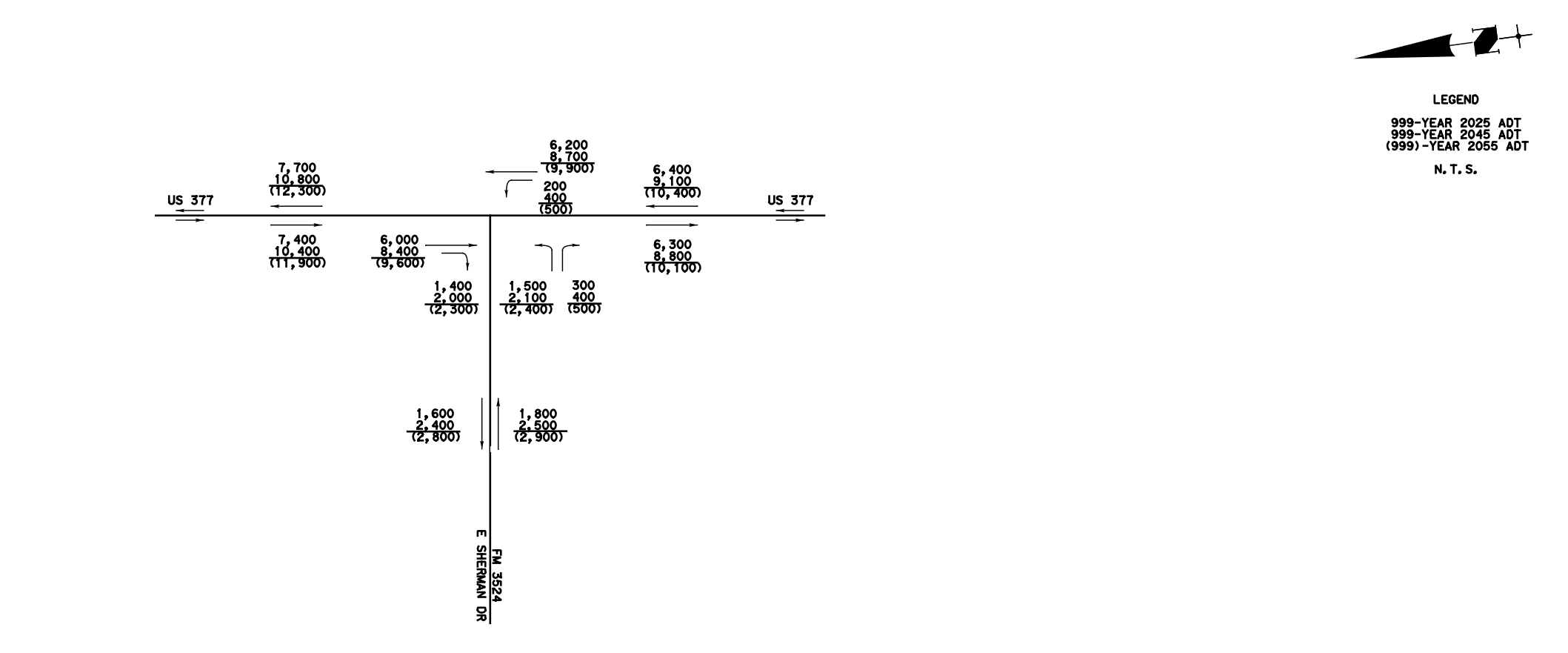
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 6 of 15

OCTOBER 2020



TYPICAL SECTIONS



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

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

TRAFFIC DIAGRAMS

LEGEND
TYPICAL MEDIAN DETAIL
TYPICAL LOON DETAIL
HOODED LEFT TURN MEDIAN DETAIL
US 377
UPRR

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
14	P_377-14	404+90.05	7174491.14	2436231.72	1° 35' 29.76" (LT)	6480.00	0° 53' 03.10"	90.01	180.01	S 6° 53' 39.71" W	180.00	404+00.05	405+80.05	S 7° 41' 24.59" W	S 6° 05' 54.83" W
15	P_377-15	406+70.06	7174312.14	2436212.60	1° 35' 29.76" (RT)	6480.00	0° 53' 03.10"	90.01	180.01	S 6° 53' 39.71" W	180.00	405+80.05	407+60.06	S 6° 05' 54.83" W	S 7° 41' 24.59" W
16	P_377-16	426+58.44	7172341.63	2435946.52	10° 58' 21.28" (LT)	5729.58	1° 00' 00.00"	550.31	1097.26	S 2° 12' 13.95" W	1095.58	421+08.13	432+05.39	S 7° 41' 24.59" W	S 3° 16' 56.69" E
17	P_377-17	440+83.88	7170915.18	2436028.33	8° 03' 53.78" (RT)	6548.09	0° 52' 30.00"	461.62	921.71	S 0° 45' 00.20" W	920.95	436+22.26	445+43.97	S 3° 16' 56.69" E	S 4° 46' 57.09" E

CENTERLINE FM 3524/ E SHERMAN 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS23	P_SHERMAN	3+12.23	7169906.61	2435748.30	37° 09' 10.46" (RT)	333.00	17° 12' 21.38"	111.91	215.93	N 71° 20' 15.23" E	212.17	2+00.32	4+16.25	N 52° 45' 40.00" E	N 89° 54' 50.46" E

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-076	MIDWAY BAPTIST CHURCH	9540 US 377	5.00
NB-077	GOOD, CURTIS R	9470 US 377	20.64
NB-078	GOOD, CURTIS R & KAREN R	9470 US 377	13.95
NB-079	AUBREY 80 PARTNERS LTD	1513 S US 377	20.00
NB-080	AUBREY 80 PARTNERS LTD	-	9.15
NB-081	DIETZ, ROGER D & SALLIANNE	US 377	6.52
NB-082	DIETZ, ROGER D & SALLIANNE	US 377	13.58
NB-083	AUBREY 80 PARTNERS LTD	-	24.65
NB-084	DAVID, J RAYMOND	8834 HIGHWAY 377	8.45
NB-085	EQUINE MEDICAL ASSOC INC	8720 S US 377	4.01
NB-086	EQUINE MEDICAL ASSOC INC	8720 S US 377	0.86
NB-087	FREEDOM CORNERSTONE LLC	9432 COLE RD	2.01
NB-088	NORTH WEST RANCH LTD	8620 US 377	2.02
NB-089	HNH HOLDINGS LTD	8600 US 377	1.65
NB-090	DEVINE PARTNERS LLC	8500 US 377	1.73
NB-091	BIG D COMMERCIAL VENTURES LLC	8448 US 377	20.00
NB-092	BIG D COMMERCIAL VENTURES LLC	1549 S US 377	52.60
SB-093	MOORE, GAIL S TRUSTEE OF MOORE REVOCABLE TRUST	-	24.71
SB-094	MILLER, WAYNE L TR OF THE MILLER LIVING TRUST	-	9.47
SB-095	VENABLE ESTATES LTD	-	10.69
SB-096	FRIENDSHIP CABLE OF TEXAS INC	8835 HIGHWAY 377	1.07
SB-097	DENNARD'S FARM SUPPLY INC	8767 S US 377	2.73
SB-098	VENABLE ESTATES LTD	US 377	4.35
SB-099	VENABLE ESTATES LTD	8491 US 377	4.38
SB-100	PENNINGTON, ROSELITA	8437 US 377	1.34
SB-101	REED, BOBBY GENE	8407 HIGHWAY 377	4.00
SB-102	SHEEDER, MILES & OLLIE	8293 HIGHWAY 377	2.71

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
407+00.00	4.0%	407+00.00	-4.0%
411+10.00	2.0%	411+10.00	-2.0%
412+60.00	-2.0%	412+60.00	-2.0%
449+40.00	-2.0%	449+40.00	-2.0%
449+90.00	-1.5%	449+90.00	-1.5%
452+15.00	-1.5%	452+15.00	-1.5%
452+65.00	-2.0%	452+65.00	-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.

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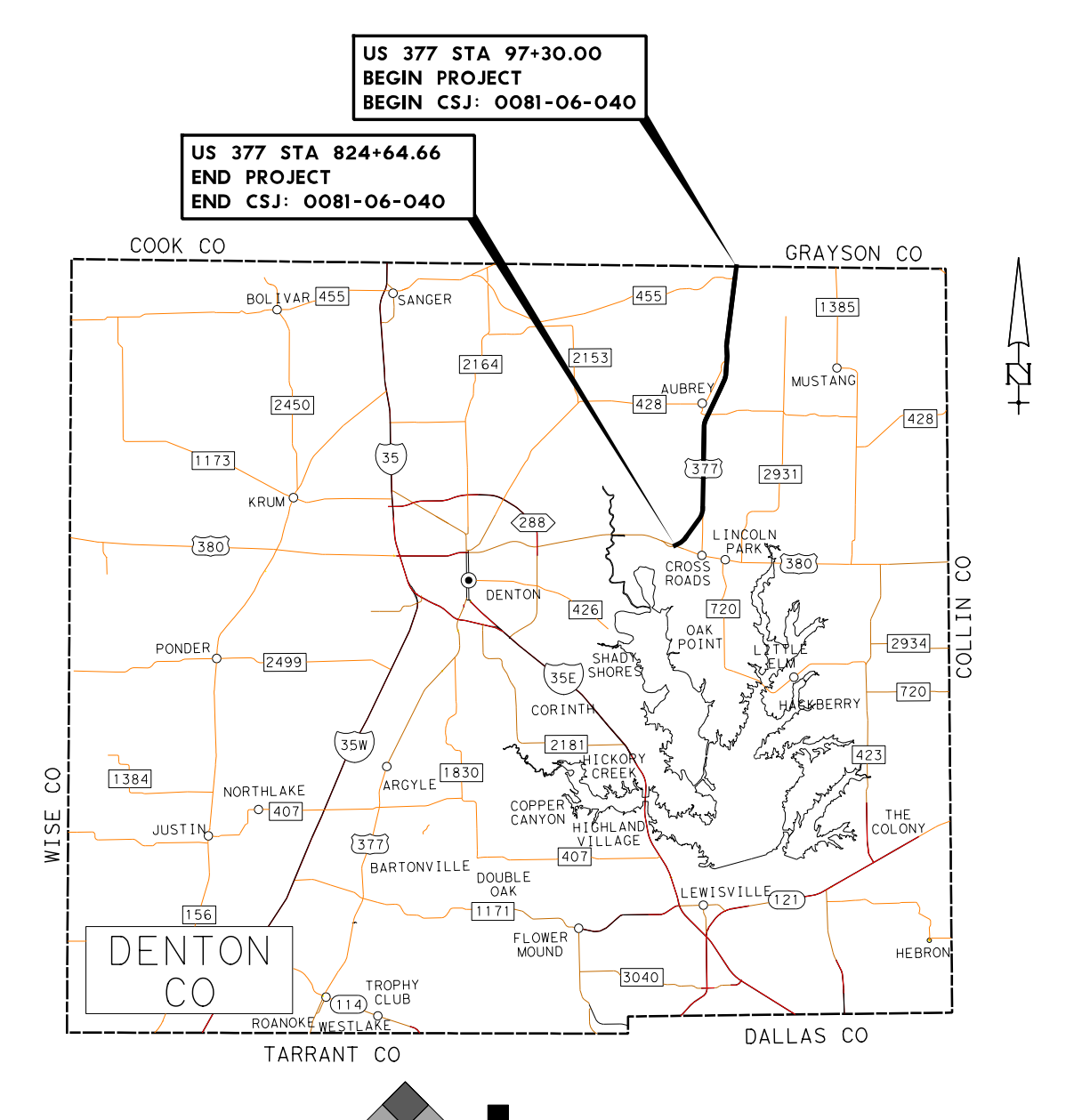
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION DESIGN SPEED FUNCTIONAL CLASS
US 377 45 MPH URBAN PRINCIPAL ARTERIAL
COLE RD 30 MPH LOCAL
FM 3524/E SHERMAN DR 30 MPH RURAL MAJOR COLLECTOR
PROJECT LOCATION



PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
10/7/2020
08/31/2020
DATE APPROVED
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET
ROLL 6 of 15
OCTOBER 2020

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

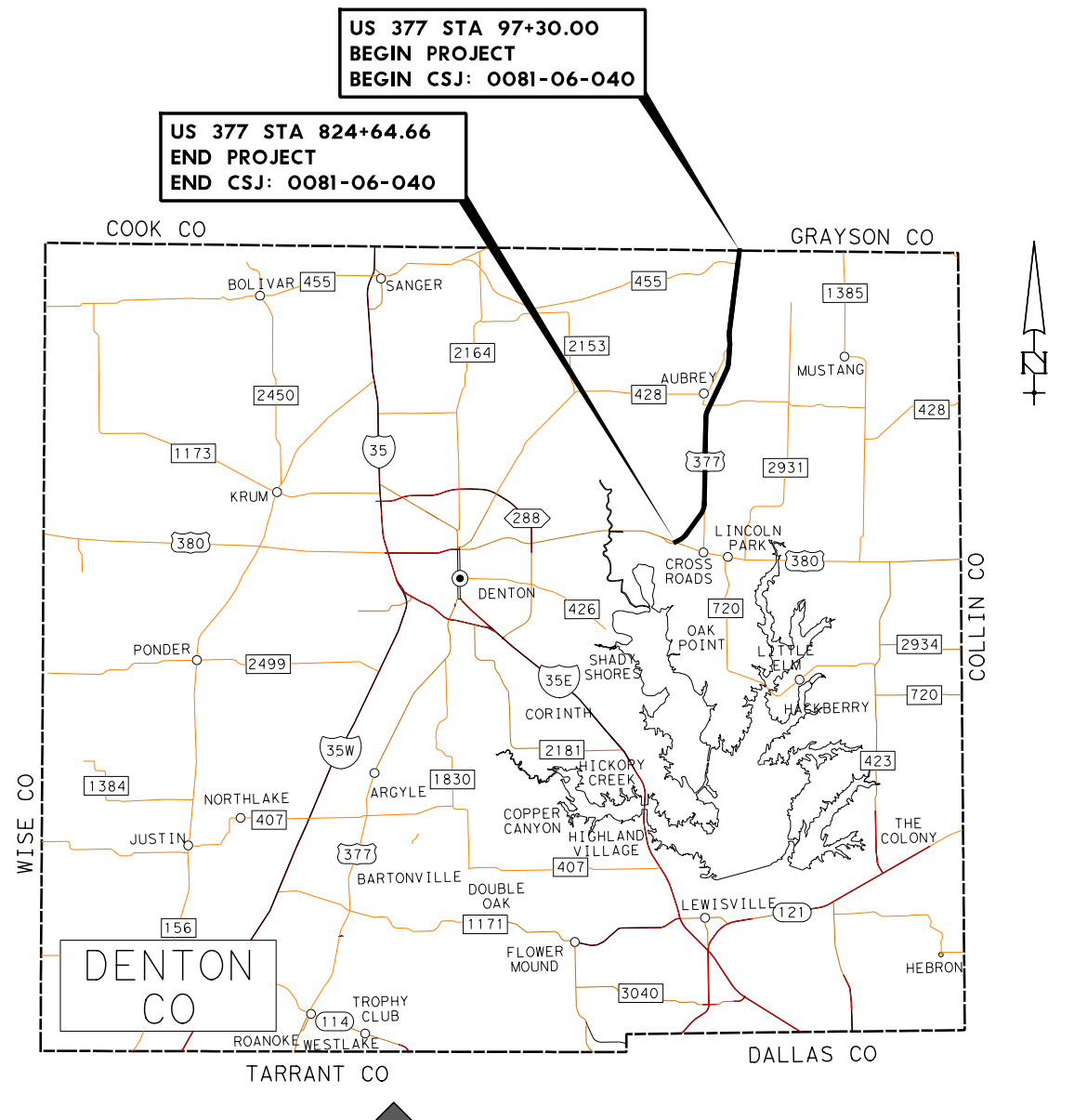
US 377

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
BLACKJACK RD E	30 MPH	LOCAL
BLACKJACK RD W	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
WISE CO
COLLIN CO
TARRANT CO
DALLAS CO
DENTON CO
BOLIVAR
SANGER
AUBREY
MUSTANG
KRUM
DENTON
CROSS ROADS
LINCOLN PARK
OAK POINT
LITTLE ELM
HACKBERRY
SHADY SHORES
CORINTH
PONDER
NORTHLAKE
JUSTIN
ARGYLE
HICKORY CREEK
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
455
2164
2153
1385
428
2450
1173
35
377
2931
288
380
426
720
2934
2499
35E
35W
2181
1384
1830
407
423
121
156
1171
3040
114
N

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

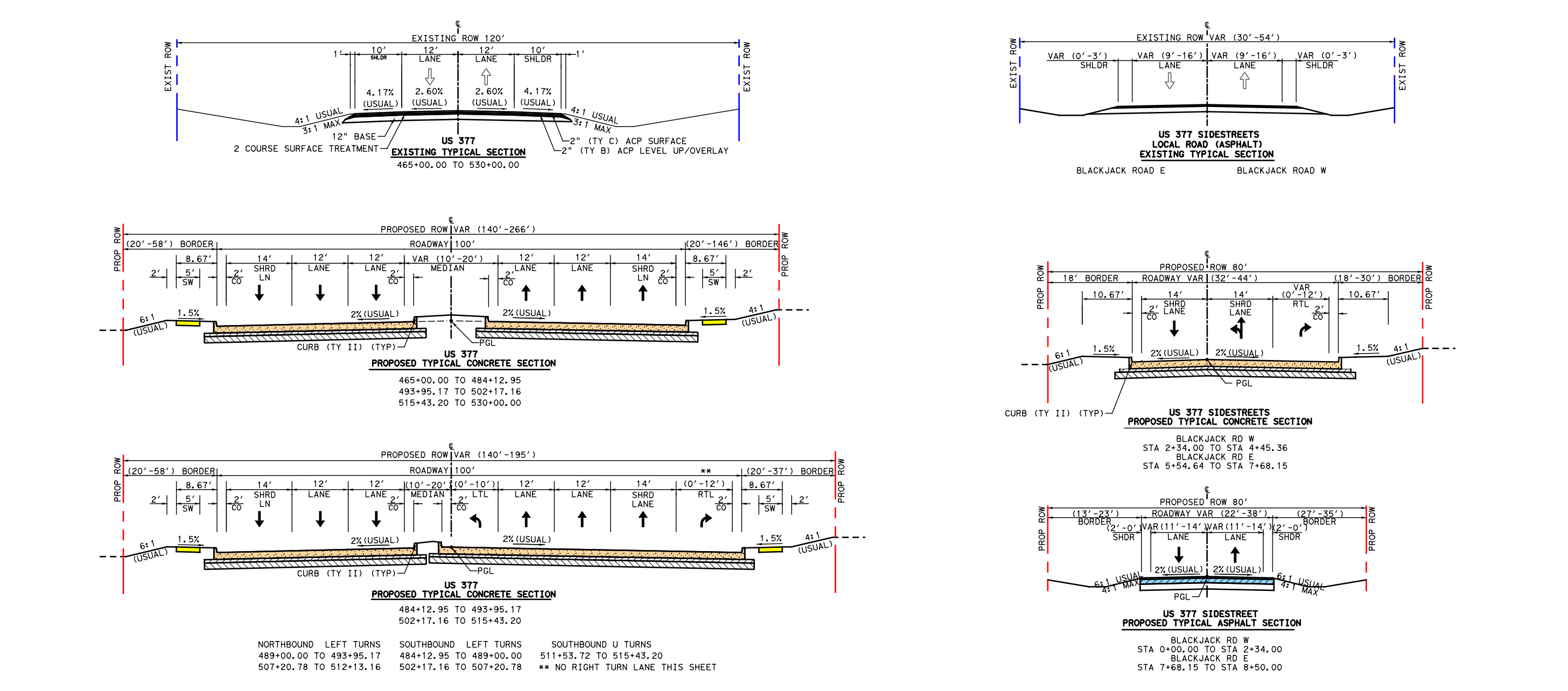
Dustin C. Ogle
91101
10/7/2020

08/31/2020
DATE APPROVED

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

ROLL 7 of 15

OCTOBER 2020

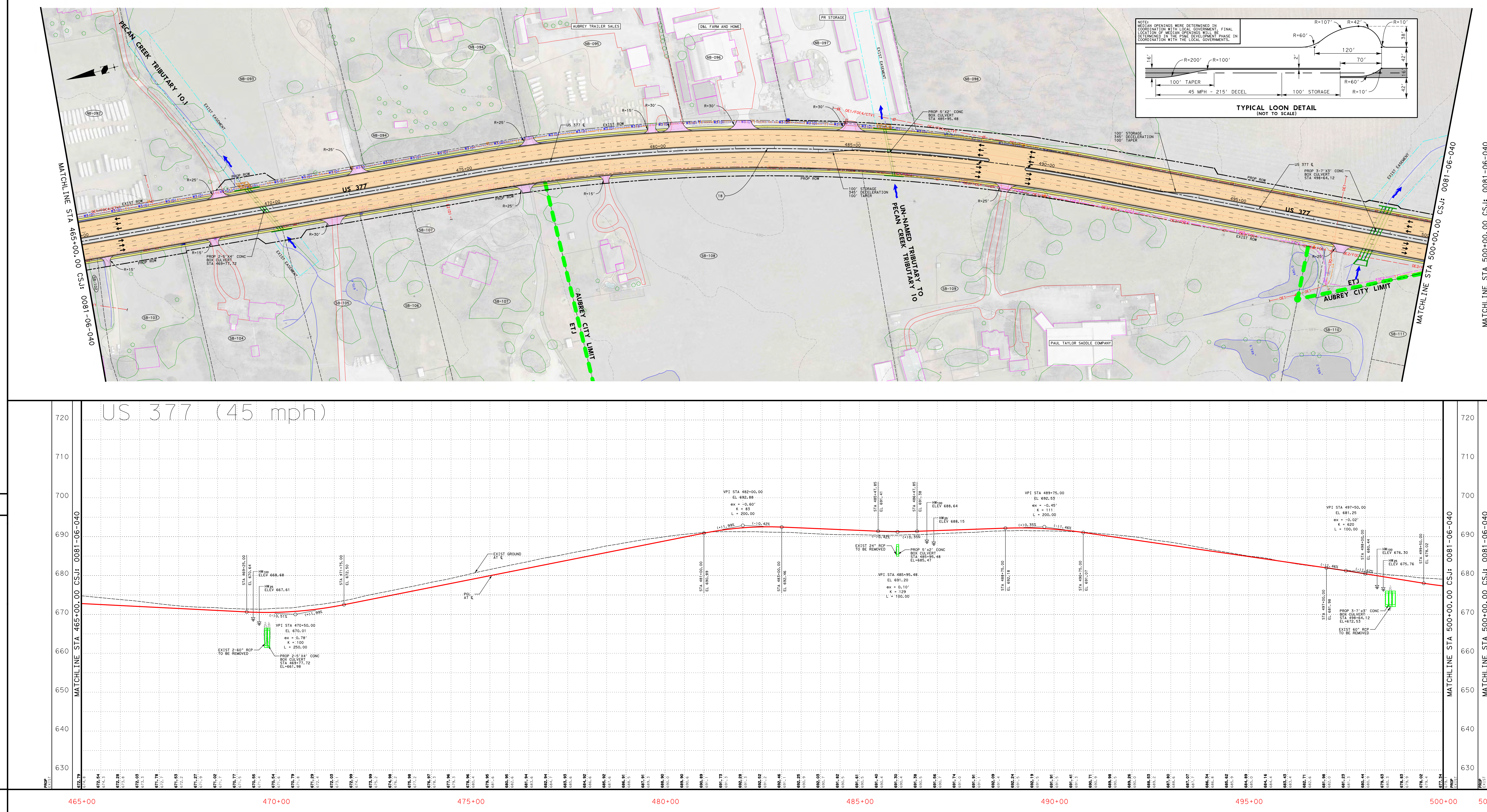

EXIST ROW
PROP ROW
(20'-58') BORDER
8.67'
2'
5'
SW
6:1
(USUAL)
1.5%

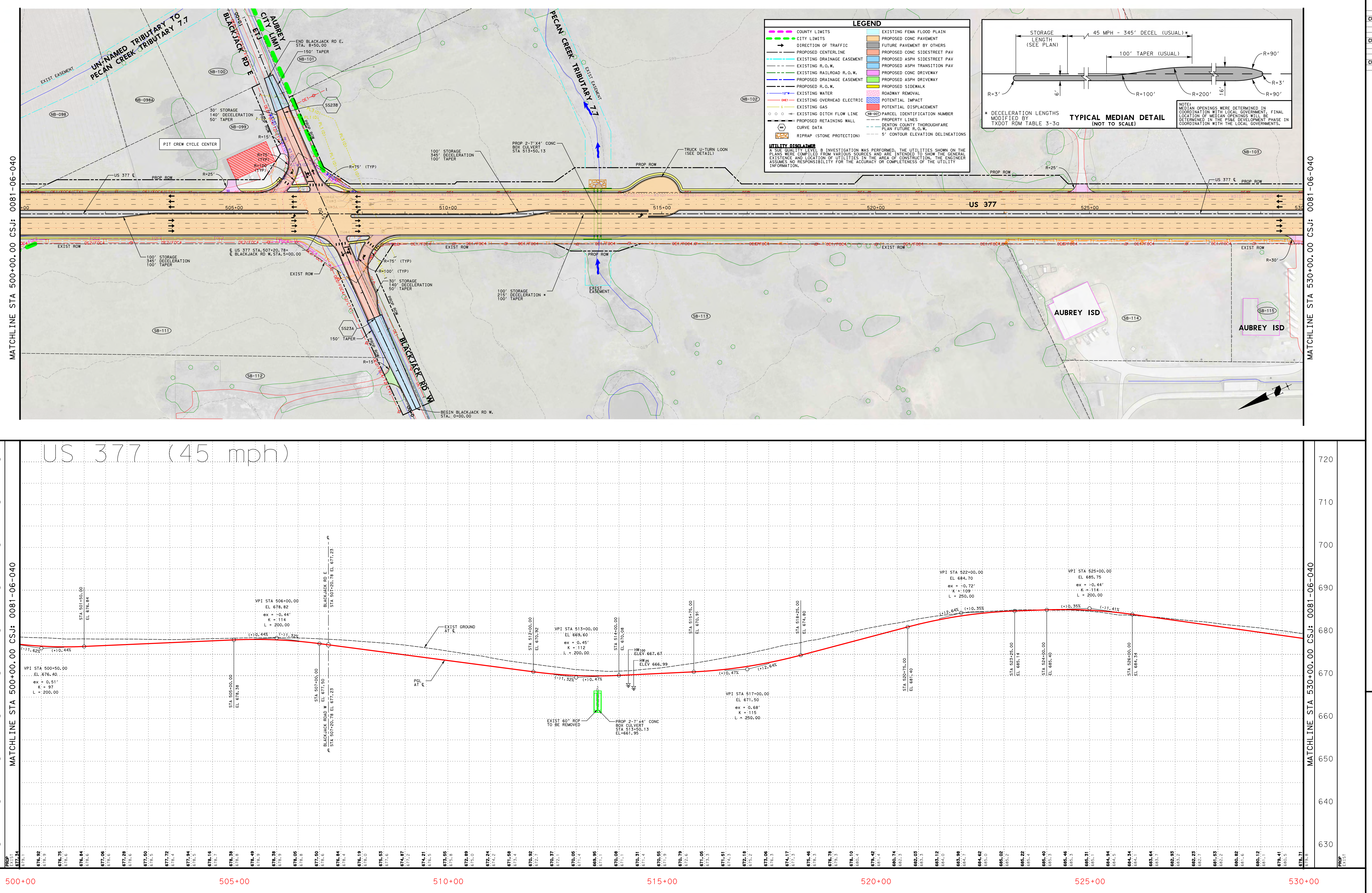
TYPICAL SECTIONS

INTENTIONALLY LEFT BLANK

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

TRAFFIC DIAGRAMS


US 377
US 377 (45 mph)
MATCHLINE STA 465+00.00 CSJ: 0081-06-040
MATCHLINE STA 530+00.00 CSJ: 0081-06-040
TYPICAL LOON DETAIL
710
700
690
680
670
660
650
640
630
PROP
EXIST
465+00


US 377
US 377 (45 mph)
LEGEND
TYPICAL MEDIAN DETAIL
AUBREY ISD
MATCHLINE STA 530+00.00 CSJ: 0081-06-040
710
700
690
680
670
660
650
640
630
PROP
EXIST
530+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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
18	P_377-18	483+47.00	7166666.04	2435665.25	19° 59' 47.63" (RT)	4583.66	1° 15' 00.00"	808.08	1599.73	S 15° 18' 58.50" W	1591.62	475+38.92	491+38.64	S 5° 19' 04.69" W	S 25° 18' 52.32" W

CENTERLINE BLACKJACK RD W 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
SS23A	CURBJ2	2+11.05	7164513.07	2434354.37	1° 05' 33.29" (RT)	4000.00	1° 25' 56.62"	38.14	76.28	S 89° 00' 51.31" E	76.28	1+72.91	2+49.19	S 89° 33' 37.95" E	S 88° 28' 04.66" E

CENTERLINE BLACKJACK RD 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
SS23B	CURBJ4	7+92.47	7164495.80	2434935.52	1° 41' 04.35" (LT)	4000.00	1° 25' 56.62"	58.81	117.60	S 87° 37' 32.48" E	117.60	7+33.67	8+51.27	S 86° 47' 00.31" E	S 88° 28' 04.66" E

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-092	BIG D COMMERCIAL VENTURES LLC	1549 S US 377	52.60
NB-093	DJB FARMS LLC	US 377	35.64
NB-094	REDFEARN, PAUL & CATHY	8080 US 377	33.62
NB-095	REDFEARN, PAUL & CATHY	8050 US 377	7.00
NB-096	MACELROY LAND MANAGEMENT LLC	US 377	5.00
NB-097	REDFEARN, PAUL DBA PAUL REDFEARN ENTERPRISES	US 377	5.91
NB-098	BOX, SALLY CAROLYN TURNER 1999 TR TURNER, BETSY C BRENT TRSTEE	837 US 377	42.10
NB-098A	BARNES, SHERRI	US 377	1.68
NB-099	PIT CREW CYCLE CENTER	557 E BLACKJACK RD	0.52
NB-100	BARNES, SHERRI	-	6.16
NB-101	ALW 377 LLC	-	171.66
NB-102	ALW 377 LLC	-	32.80
NB-103	ALW 377 LLC	460 US 377	57.81
SB-102	SHEEDER, MILES & OLLIE	8293 HIGHWAY 377	2.71
SB-103	SHEEDER, WARD D & CAROLINA	8293 HIGHWAY 377	3.05
SB-104	WHITMIRE, RAYE DALE	8171 HIGHWAY 377	4.00
SB-105	WHITMIRE LINE CLEARANCE	8171 US 377	3.10
SB-106	TROTH, CHARLES & KIMBERLY	US 377	2.24
SB-107	TROTH, CHARLES & KIMBERLY	US 377	4.84
SB-108	TAYLOR, PAT J & LISA	8035 HIGHWAY 377	2.87
SB-109	TAYLOR, ANNA	7849 S US 377	18.41
SB-110	VENABLE ESTATES LTD	US 377	4.67
SB-111	VENABLE ESTATES LTD	US 377	5.27
SB-112	VENABLE ESTATES LTD	-	6.55
SB-113	SIMMONS, JERRY H	418 S MAGNOLIA ST	38.69
SB-114	AUBREY ISD	US 377	3.17
SB-115	AUBREY ISD	US 377	2.07

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
505+00.00	-2.0%	505+00.00	-2.0%
505+50.00	-1.5%	505+50.00	-1.5%
508+90.00	-1.5%	508+90.00	-1.5%
509+40.00	-2.0%	509+40.00	-2.0%

NOTES:

1. PROPERTY OWNERSHIP DATA FROM D.C.A.D. 10-29-2019.
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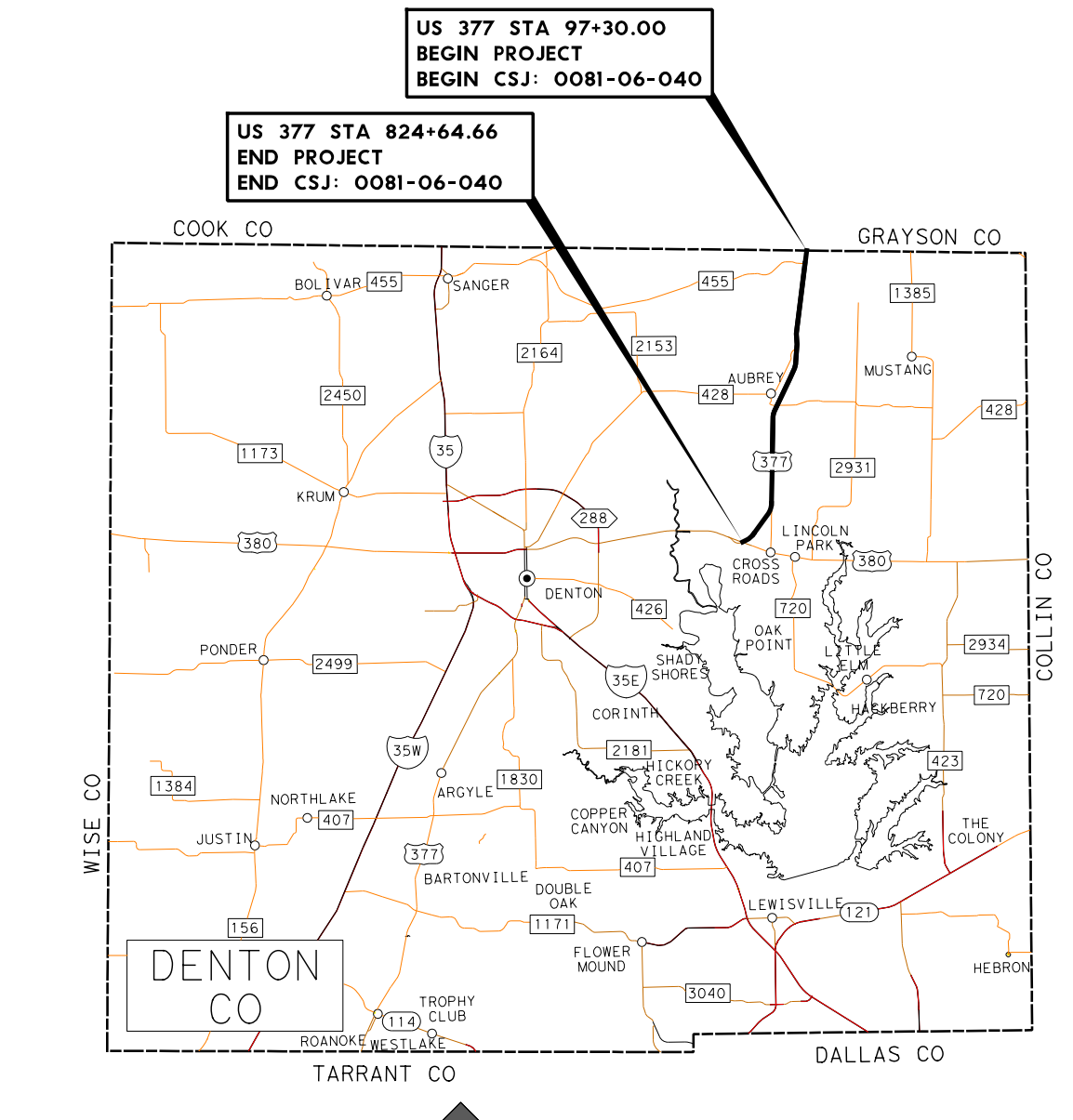

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TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION / DESIGN SPEED / FUNCTIONAL CLASS
US 377 45 MPH URBAN PRINCIPAL ARTERIAL
BLACKJACK RD E 30 MPH LOCAL
BLACKJACK RD W 30 MPH LOCAL
PROJECT LOCATION
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
08/31/2020
DATE APPROVED
ROLL 7 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

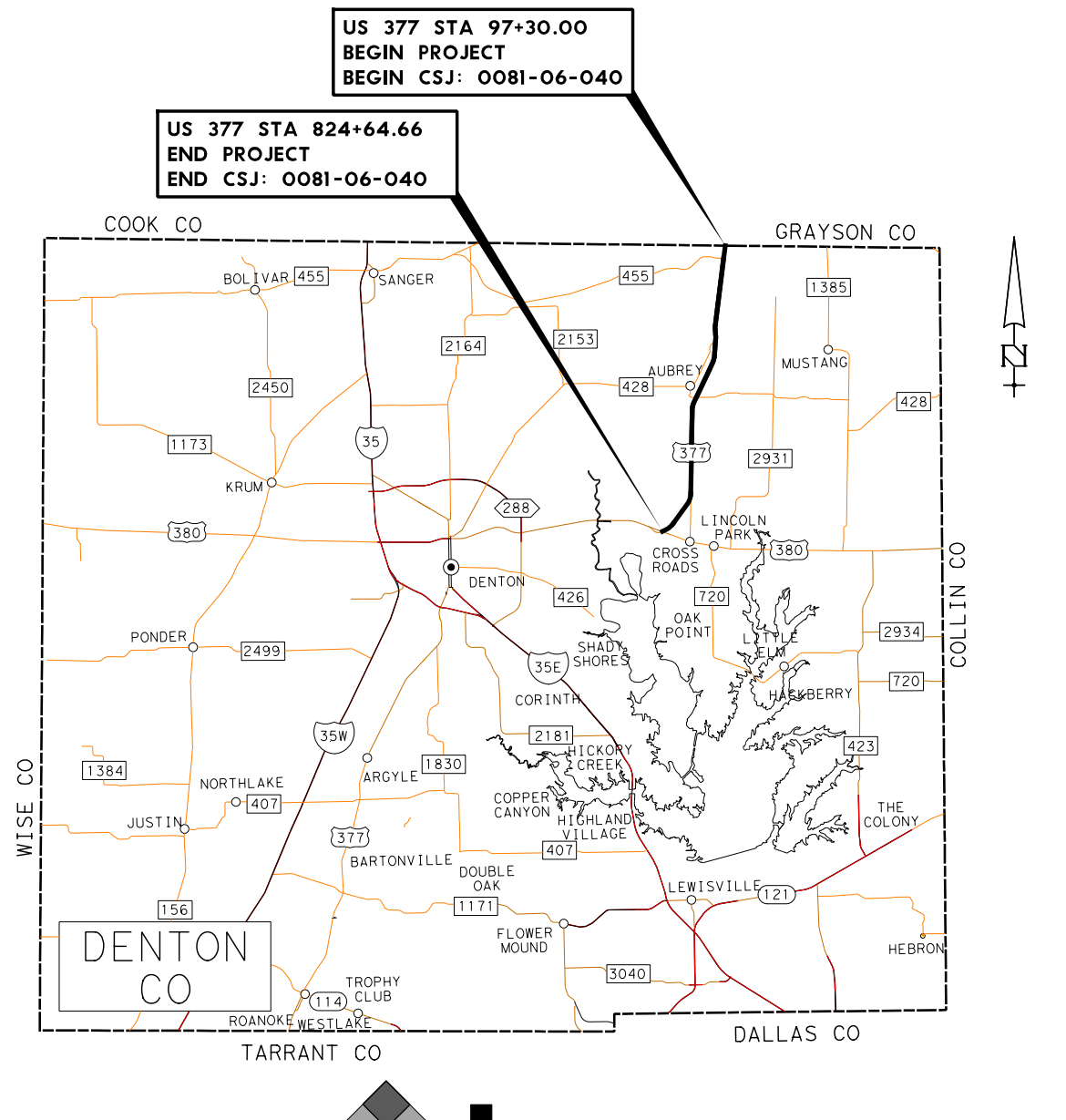
US 377

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



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

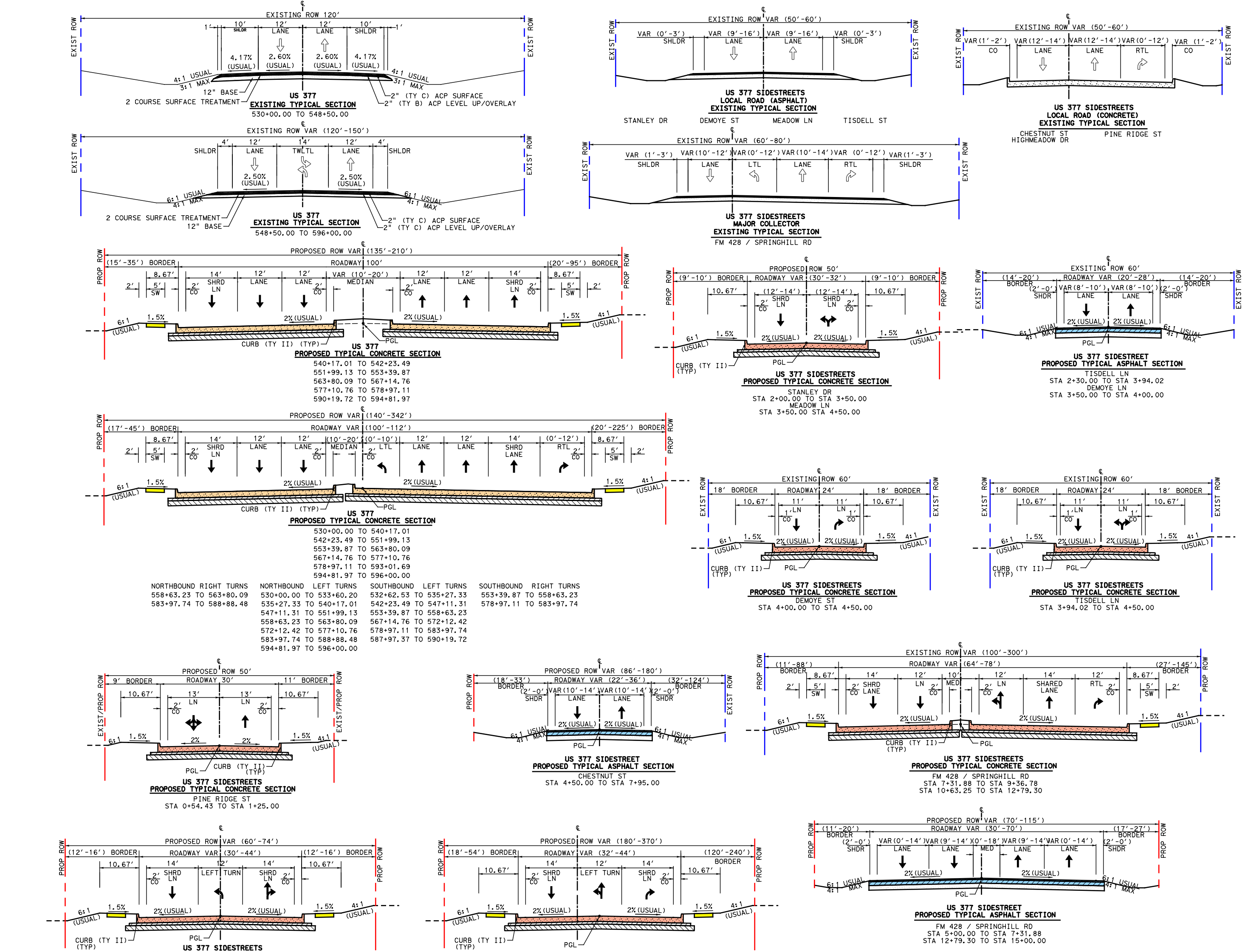
Dustin C. Ogle
91101
10/7/2020

08/31/2020
DATE APPROVED

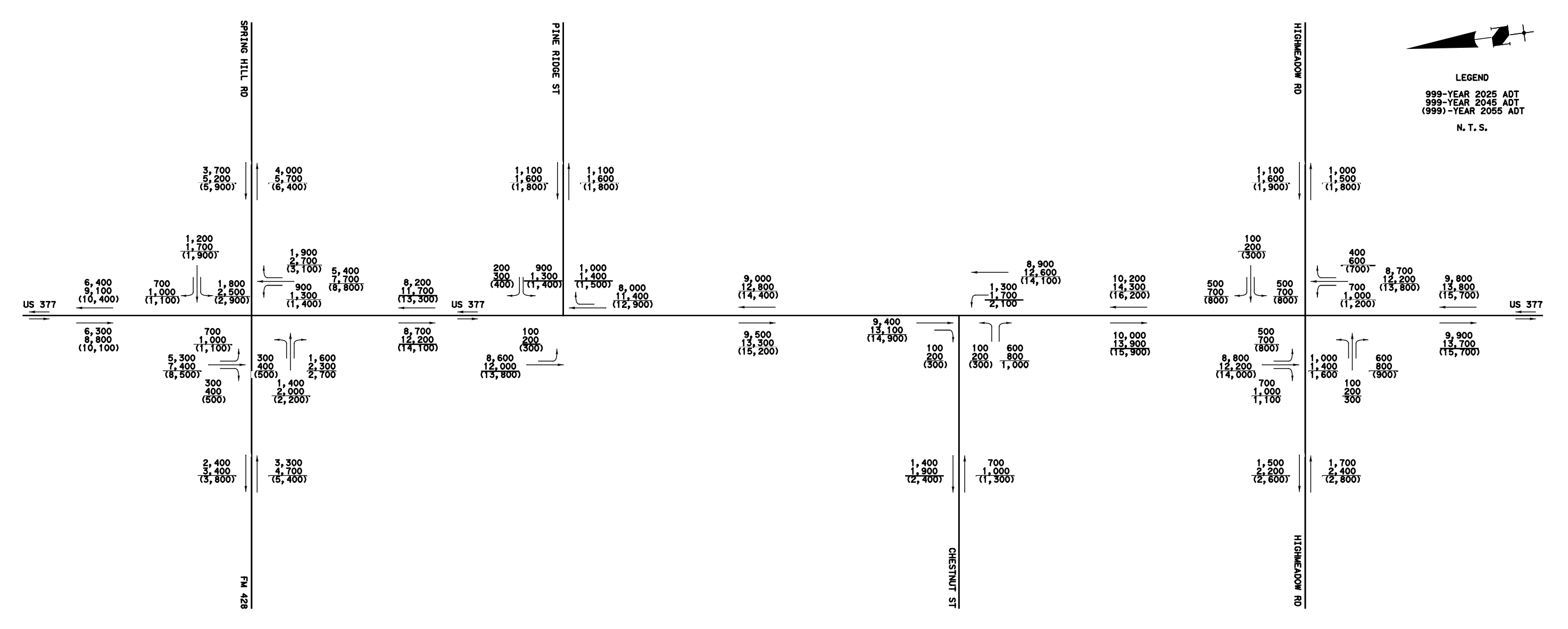
ROLL 8 of 15

OCTOBER 2020

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



TYPICAL SECTIONS



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

TRAFFIC DIAGRAMS

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
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	570+10.54	585+51.12	S 25° 18' 52.32" W	S 2° 12' 20.94"

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 LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	2+00.00	4+30.87	N 89° 22' 37.69" E	S 64° 41' 07.68"

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 LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	13+51.07	14+43.66	S 89° 37' 07.68" E	N 85° 16' 31.07"
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	14+43.66	15+26.58	N 85° 16' 31.07" E	N 89° 50' 52.32"

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 LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	5+81.37	9+88.84	S 2° 23' 43.05" W	S 67° 42' 49.42"

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 LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
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	5+44.97	6+98.16	N 89° 46' 27.46" E	S 67° 49' 52.97"

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-103	ALW 377 LLC	460 US 377	57.81
NB-104	ALW 377 LLC	US 377	57.61
NB-105	AUBREY ISD	-	48.38
NB-106	SDC OPTIONS LLC	701 US 377	0.96
NB-107	CGW GROUP LLC	707 S US 377	0.18
NB-108	CGW GROUP LLC	-	0.49
NB-109	HARDIN, JIMMIE	715 S US 377	3.86
NB-109A	PRATOR, MARGARET	519 S US 377	1.19
NB-110	PRATOR, MARGARET	S US 377	0.88
NB-111	AUBREY ASCENT ASSETS, LLC	PINE RIDGE LN	0.87
NB-112	AUBREY ISD	US 377	0.74
NB-113	AUBREY ASCENT ASSETS, LLC	PINE RIDGE LN	1.70
NB-114	REDFEARN, PAUL	901 US 377	0.47
NB-115	REDFEARN, PAUL	US 377	0.00
NB-116	DIAMOND FOOD MARKETS INC	911 US 377	0.87
NB-117	DIAMOND FOOD MARKETS INC	911 US 377	0.79
NB-118	K-MAC ENTERPRISES INC	US 377	0.65
NB-119	O'REILLY AUTO ENTERPRISES LLC	HIGHMEADOW DR	1.11
NB-120	FD AUBREY LLC	915 S US 377	1.00
NB-121	DENTON AREA TEACHERS C/U	5650 S US 377	1.53
NB-122	IMO BETTY LP	921 S US 377	1.75
NB-122A	AUBREY, CITY OF	-	0.25
NB-123	HODGES, SAM W	US 377	1.59
NB-124	WILSON, GARLAND & TERRI	-	0.19
NB-125	HOPPER, JACK S	5502 US HIGHWAY 377	29.89
SB-115	AUBREY ISD	US 377	2.07
SB-116	COULSON, GENEVA	US 377	2.05
SB-117	SEGURA, IRENE MINERVA & SAUL	423 TISDELL	0.42
SB-118	DEMOYE	-	0.22
SB-119	HOLLAR, WAYNE D	102 N US 377	0.43
SB-120	SMITH, RYAN	106 US 377	1.00
SB-121	OLD SOUTH ROYALTY CO	US 377	0.84
SB-122	HINES, BRAD S	210 S US 377	0.45
SB-123	FOOD EXPERIENCE CORPORATION	US 377	0.43
SB-124	THONG, SINA	US 377	0.63
SB-125	THONG, SINA	US 377	0.73
SB-126	SPARKS, ARTHUR W & LINDA O	US 377	0.54
SB-127	CINTER ENTERPRISES INC	400 S US 377	2.05
SB-128	HAIR ILLUSIONS	-	0.40
SB-129	MONROE, DAVID	-	0.28
SB-130	JONES, JANET	-	0.28
SB-131	GREGORIO, RAFAEL J	-	0.46
SB-131A	BRENNER, MARVIN	-	0.81
SB-132	SPARS LLC	704 US 377	1.11
SB-133	SCRIBNER PROPERTIES LLC	718 US 377	0.73
SB-134	SCRIBNER PROPERTIES	US 377	0.63
SB-135	BIGLEY, GARY	800 S US 377	0.37
SB-136	WHITE, STEVE R & ROBIN M	802 US 377	0.28
SB-136A	WHITE, STEVE R & ROBIN M	US 377	0.04
SB-137	WHITE, STEVEN RAY & ROBIN BYBEE	802 US 377	0.26
SB-138	PELPHREY, CONNIE TR REVOCABLE TRUST	-	0.17
SB-139	ARBER, DEBBIE C	-	0.17
SB-140	DE ORAMAS, SIRA	-	0.17
SB-141	VIP REI TX LLC	-	0.20
SB-142	DUTCH RENTALS, LLC	806 US 377	0.37
SB-143	AUBREY ISD	900 CHESTNUT ST	10.70
SB-144	AUBREY CHURCH OF CHRIST	940 US 377	1.50
SB-145	VOLUNTEER ENTERPRISES LLC	916 US 377	0.86
SB-146	VOLUNTEER ENTERPRISES III LLC	US 377	0.21
SB-147	PILOT POINT BANCORP INC	922 US 377	1.03
SB-148	REALTY INCOME PROPERTIES 27 LLC	924 US 377	0.72
SB-149	CLARKE, PATRICK J DBA CHICKEN EXPRESS	926 US 377	0.80
SB-150	EUNICE PARK INVESTMENTS INC	928 US 377	1.24
SB-151	BBC WASH, LLC	930 S US 377	0.83
SB-152	H&N JV INC	-	0.10
SB-153	AUBREY, CITY OF	226 COUNTRYSIDE DR	6.41
SB-154	AUBREY INVESTMENTS LTD	US 377	0.86
SB-155	FIRST SECURITY BANK	958 US 377	1.16

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.
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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

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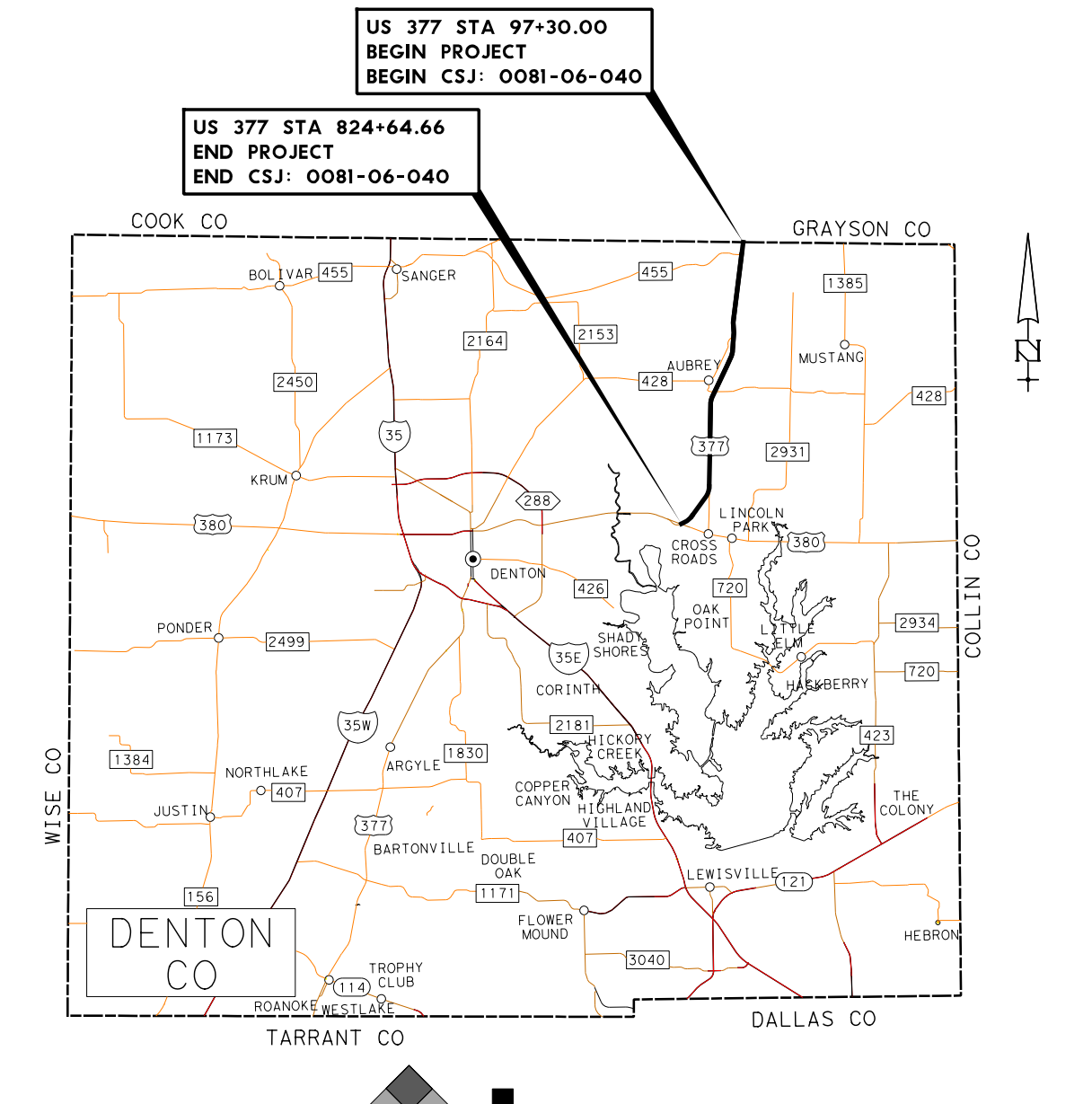
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION DESIGN SPEED FUNCTIONAL CLASS
US 377 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



PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
10/7/2020
08/31/2020
DATE APPROVED
ROLL 8 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

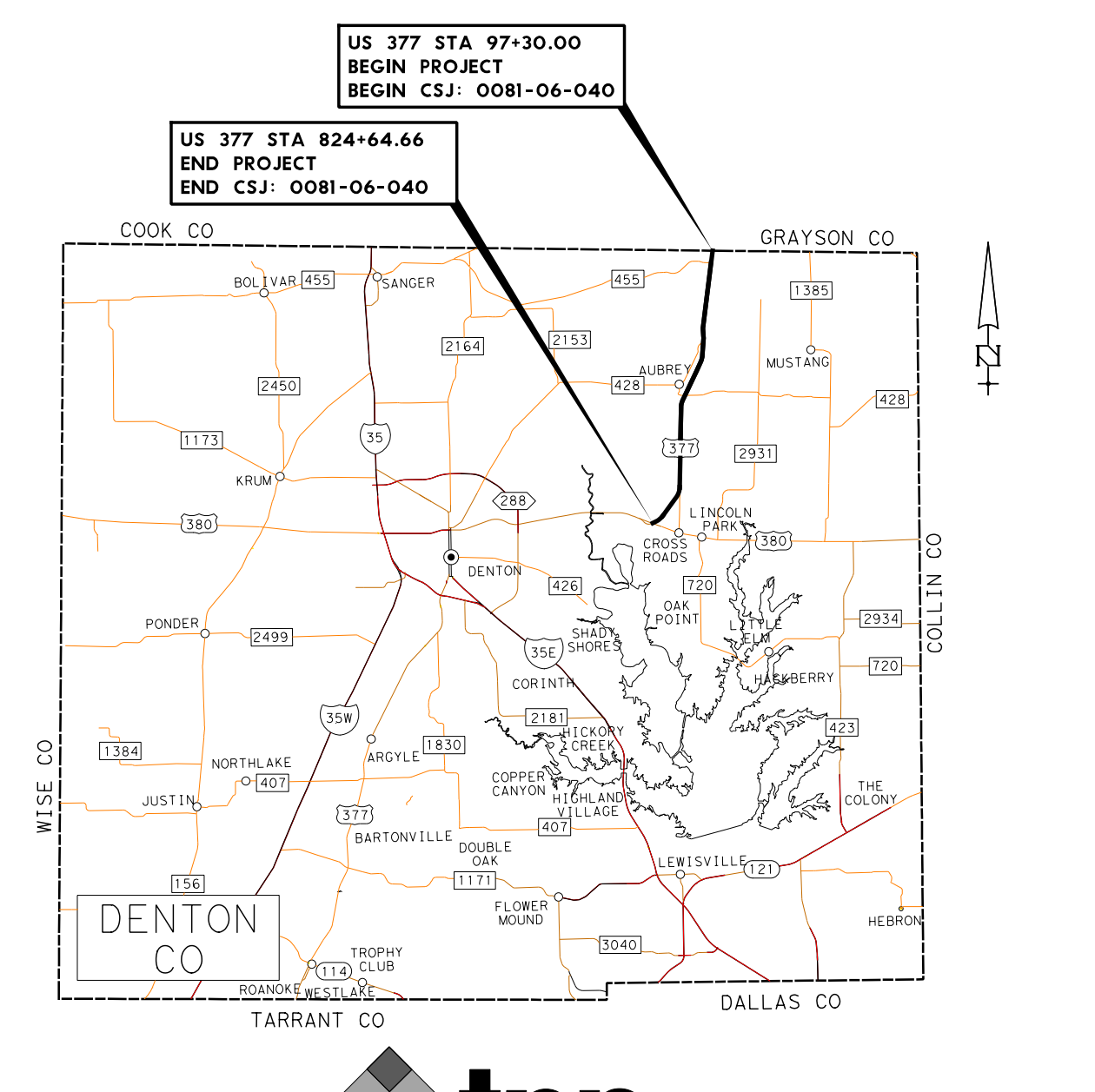
US 377

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
BRUMLEY DR	30 MPH	LOCAL
PARALLEL LN	30 MPH	LOCAL
SURVEYORS RD	30 MPH	LOCAL
KRUGER RD	30 MPH	LOCAL
RANCH RD	30 MPH	LOCAL
PERKINS RD	30 MPH	LOCAL
WOODLAND DR	30 MPH	LOCAL
FAIRCREST DR	30 MPH	LOCAL
FAIRVIEW DR	30 MPH	LOCAL
IKE BYROM RD	30 MPH	LOCAL

PROJECT LOCATION



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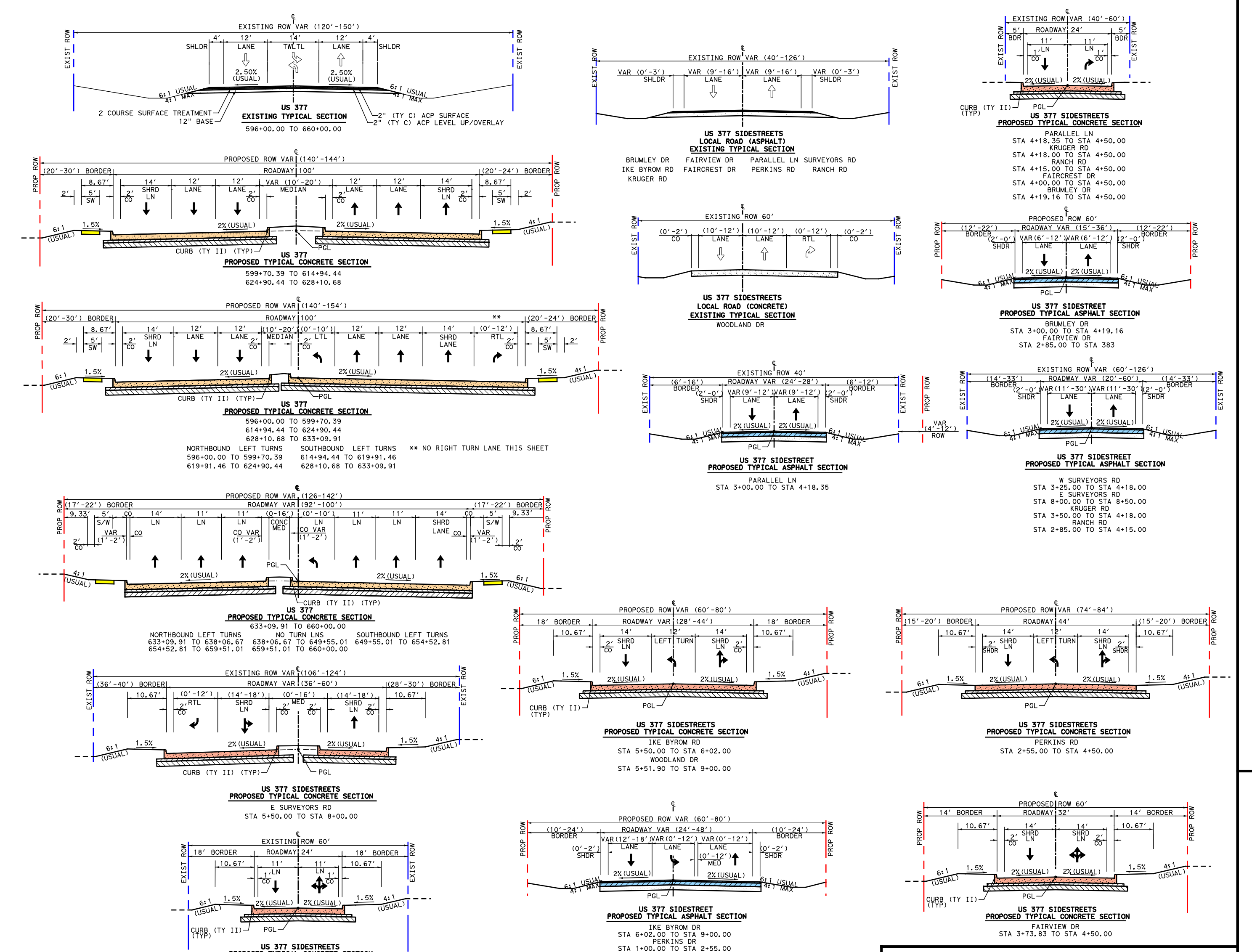
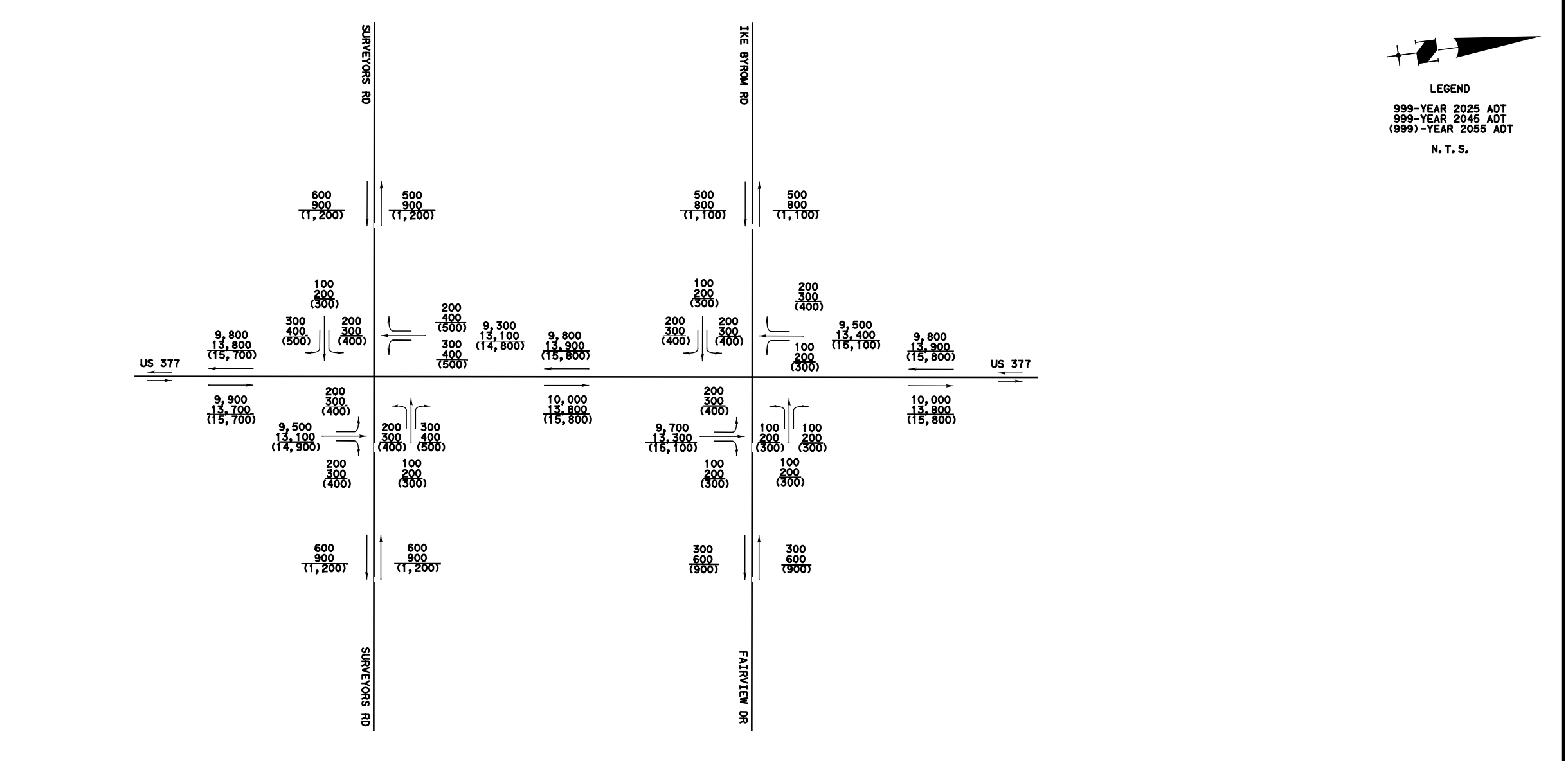


TYPICAL SECTIONS



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

TRAFFIC DIAGRAMS

LEGEND
TYPICAL MEDIAN DETAIL
US 377
PARALLEL LN
SURVEYORS RD
PERKINS RD
WOODLAND DR
FAIRVIEW DR
AUBREY CITY LIMIT
KRUGERVILLE CITY LIMIT

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
20	P_377-20	635+75.68	7152312.13	2431405.74	3° 33' 33.79" (RT)	6,480.00	0° 53' 03.10"	201.34	402.56	S 3° 52' 46.21" W	402.49	633+74.34	637+76.89	S 2° 05' 59.32" W	S 5° 39' 33.11" W
21	P_377-21	639+78.24	7151911.41	2431366.03	3° 33' 33.79" (LT)	6,480.00	0° 53' 03.10"	201.34	402.56	S 3° 52' 46.21" W	402.49	637+76.89	641+79.45	S 5° 39' 33.11" W	S 2° 05' 59.32" W
22	P_377-22	659+86.33	7149904.54	2431292.45	0° 50' 20.59" (LT)	9,425.00	0° 36' 28.49"	69.01	138.02	S 1° 40' 49.03" W	138.02	659+17.32	660+55.34	S 2° 05' 59.32" W	S 1° 15' 38.74" W

CENTERLINE PARALLEL 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
SS28A	P_PARALLEL1	3+47.47	7154824.69	2431322.19	87° 16' 04.75" (RT)	60.00	95° 29' 34.68"	57.21	91.39	N 48° 27' 56.95" E	82.81	2+90.27	3+81.66	N 4° 49' 54.57" E	S 87° 54' 00.68" E

CENTERLINE SURVEYORS 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS29	P_SURVEYORS1	6+52.69	7153889.70	2431616.37	37° 34' 20.39" (RT)	300.00	19° 05' 54.94"	102.05	196.73	S 69° 06' 50.48" E	193.22	5+50.64	7+47.37	S 87° 54' 00.68" E	S 50° 19' 40.29" E
SS30	P_SURVEYORS2	8+49.01	7153759.66	2431773.15	37° 26' 07.19" (LT)	300.00	19° 05' 57.28"	101.64	196.00	S 69° 02' 43.88" E	192.54	7+47.37	9+43.37	S 50° 19' 40.29" E	S 87° 45' 47.48" E

CENTERLINE PERKINS 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS31	P_PERKINS1	3+97.86	7152551.18	2431315.13	16° 56' 28.37" (LT)	762.00	7° 31' 08.87"	113.48	225.31	N 83° 41' 22.54" E	224.49	2+84.38	5+09.69	S 87° 50' 23.27" E	N 75° 13' 08.35" E

CENTERLINE WOODLAND 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS32	P_PERKINS2	6+17.88	7152607.74	2431529.47	16° 09' 46.25" (RT)	762.00	7° 31' 08.87"	108.20	214.96	S 83° 18' 01.48" E	214.24	5+09.69	7+24.64	N 75° 13' 08.35" E	N 88° 37' 05.40" E

CENTERLINE FAIRVIEW 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS33	P_FAIRVIEW1	2+66.62	7150376.45	2431087.73	24° 16' 13.46" (LT)	200.00	28° 38' 52.40"	43.00	84.72	N 79° 46' 36.05" E	84.09	2+23.61	3+08.33	S 88° 05' 17.22" E	N 67° 38' 29.32" E
SS34	P_FAIRVIEW2	4+32.35	7150439.99	2431242.20	24° 24' 11.45" (RT)	333.00	17° 12' 21.38"	72.01	141.83	N 79° 50' 35.05" E	140.76	3+60.35	5+02.18	N 67° 38' 29.32" E	S 87° 57' 19.23" E

CENTERLINE IKE BYROM 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS35	P_FAIRVIEW3	7+55.49	7150428.38	2431567.32	9° 02' 23.25" (RT)	333.00	17° 12' 21.38"	26.32	52.54	S 83° 26' 07.60" E	52.48	7+29.17	7+81.71	S 87° 57' 19.23" E	S 78° 54' 55.97" E
SS36	P_FAIRVIEW4	8+11.05	7150417.68	2431621.95	10° 04' 23.77" (LT)	333.00	17° 12' 21.38"	29.35	58.55	S 83° 57' 07.86" E	58.47	7+81.71	8+40.25	S 78° 54' 55.97" E	S 88° 59' 19.74" E

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-125	HOPPER, JACK S	5502 US 377 S	29.89
NB-126	AUBREY REALTY & DEVELOPMENT LLC	5450 US 377	1.21
NB-127	AUBREY REALTY & DEVELOPMENT LLC	US 377	0.39
NB-128	AUBREY REALTY & DEVELOPMENT LLC	5430 US 377	2.66
NB-129	MCLENNAN, JAY C	US 377	4.50
NB-130	MCLENNAN, JAY C	US 377	6.97
NB-131	TARSAN CORP	US 377	16.17
NB-132	BELL, CYNTHIA ANN SUPP NEEDS TRUST, BELL, ANDREW CALEB TREE	5286 US 377 S	0.60
NB-133	MAKOLT PROPERTIES LLC	5246 US 377	1.84
NB-134	MAKOLT PROPERTIES LLC	5246 US 377	1.00
NB-135	KRUGERVILLE COMMUNITY DEVELOPMENT CORPORATION	US 377	25.04
NB-136	KRUGERVILLE COMMUNITY DEVELOPMENT CORPORATION	5190 US 377	1.21
NB-137	COFFELT, KENNETH M	-	0.61
NB-138	POMEROY, ANN M	-	0.59
NB-139	KRUGERVILLE COMMUNITY DEVELOPMENT CORPORATION	5100 US 377	1.16
NB-140	BLUE SKY THERAPEUTIC RIDING & RESPITE INC	5090 S US 377	8.48
NB-141	BIG D COMMERCIAL VENTURES LLC	5080 S US 377	5.00
NB-142	MUSTANG WATER SUPPLY	-	0.06
NB-143	MUSTANG WATER SUPPLY	-	0.02
NB-144	GORZYNSKI, ROMAN & EVA	5066 S US 377	11.49
NB-145	FARNSWORTH, RICHARD	5050 US HIGHWAY 377	0.79
NB-146	PRIEST, ROGER RIFE	5026 US 377	0.39
NB-147	PRIEST FAMILY FIRST LIMITED PARTNERSHIP	US 377 & BYROM RD	23.11
NB-148	PRIEST FAMILY FIRST LIMITED PARTNERSHIP	5016 US 377	1.00
NB-149	LYLE, BRUCE E	195 US 377	1.48
NB-149A	LYLE, BRUCE E	-	1.00
NB-150	MARTIN, BRIAN & SHERRY	4940 US 377	1.25
NB-151	SCHUYLER PROPERTIES LLC	4920 US 377	1.25
SB-156	2901 S WALTON WALKER, LLC	-	1.18
SB-157	DTC VENTURES INC	990 US 377	1.01
SB-158	BEALL, LUCETTE SHARP	1000 S US 377	0.54
SB-159	HINOJOSA, MIGUEL, JR	5431 US HIGHWAY 377	0.51
SB-160	LESSARD, BARBARA JEAN & ROBERT ALAN	5421 S US 377	0.51
SB-162	JPCR REAL ESTATE LLC	5411 S US 377	4.03
SB-163	TOOMER, JANETTA M	BRUMLEY RD	0.23
SB-164	TOOMER, JANETTA M	104 BRUMLEY RD	1.93
SB-165	BRUMLEY, JOSEPH BRENT	117 BRUMLEY RD	6.15
SB-166	SRS PETROLEUM LLC	US 377	0.25
SB-167	OPTIMUS INVESTMENT GROUP	US 377	0.50
SB-168	GREGORIO, RAFAEL J	5335 US 377	0.25
SB-169	GREGORIO, RAFAEL J	5335 US 377	0.25
SB-170	TWIN CEDARS RANCH LLC	5315 US 377	0.55
SB-171	NORTEX QUALITY HOMES LP	5295 US 377	0.35
SB-172	CARRIGAN, C W	5275 US 377	0.17
SB-173	NORTHEAST POLICE DEPARTMENT	US 377	0.35
SB-174	JEZEK, JAMES R & LATINA	US 377	0.34
SB-175	JEZEK, JAMES R & LATINA	5243 US 377	0.16
SB-176	JEZEK, BENJAMIN F JR & DEBRA D TRS JEZEK FAMILY TRUST	5241 US 377	0.19
SB-177	GRIFFIN, JAMES R	5195 US 377	0.34
SB-178	THURMAN, BILLY R & JESSICA L	5185 US 377	0.35
SB-178A	WITHERSPOON, DAVID & PAT	-	0.42
SB-178B	DEANDA, LAVESTA C & BERNIE J	-	0.37
SB-179	VINING, BOB & FRANCINE	5099 US 377	0.69
SB-179A	TURRUBIARTE, NOAH & JODY	-	0.53
SB-179B	DEESE, JULIE G	-	0.54
SB-180	KRUGERVILLE, CITY OF	5097 US 377	3.00
SB-181	SCOTT, ANDREW A & COFFEY, ALEXIS	100 FAIRCREST DR	1.00
SB-182	BARNETT, JENNIFER M & BRANDEN W	101 FAIRCREST DR	0.50
SB-183	BRIDGES, DENNIS	5065 S US 377	0.58
SB-184	BIG D COMMERCIAL VENTURES LLC	5059 S US 377	2.61
SB-185	THE STORAGE PLACE-KRUGERVILLE LLC	5055 S US 377	2.61
SB-186	CONFIDENTIAL	5049 S US 377	1.00
SB-187	AZCONA, MARCOS & WILSON, LIA	5045 S US 377	4.57
SB-188	FIRST BAPTIST CHURCH-KRUGERVILLE	5021 S US 377	5.00
SB-189	VELEZ, ALEJANDRO & ANA LILIA ASCENCIO	5019 US 377	1.00
SB-190	REDFEARN, PAUL	5025 US 377	4.00
SB-191	COMMERICAL PLUMBING SPECIALISTS LLC	5017 US 377	1.00
SB-192	COVEY, JONATHAN EDGAR & ELIZABETH KATHERINE	869 FAIRVIEW DR	1.00
SB-193	TERWILLIGER, CHARLES DAVID JR & FRITZIE S	870 FAIRVIEW DR	1.14
SB-194	STARR, MICHAEL D & MELANIE A	811 FAIRVIEW CIR	1.00
SB-195	ROYAL, BEN C	813 FAIRVIEW CIR	1.00

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
631+60.00	-2.0%	631+60.00	-2.0%
632+10.00	-1.5%	632+10.00	-1.5%
634+05.00	-1.5%	634+05.00	-1.5%
634+55.00	-2.0%	634+55.00	-2.0%
653+30.00	-2.0%	653+30.00	-2.0%
653+80.00	-1.5%	653+80.00	-1.5%
655+40.00	-1.5%	655+40.00	-1.5%
655+90.00	-2.0%	655+90.00	-2.0%

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1. PROPERTY OWNERSHIP DATA FROM D.C.A.D. 10-29-2019.
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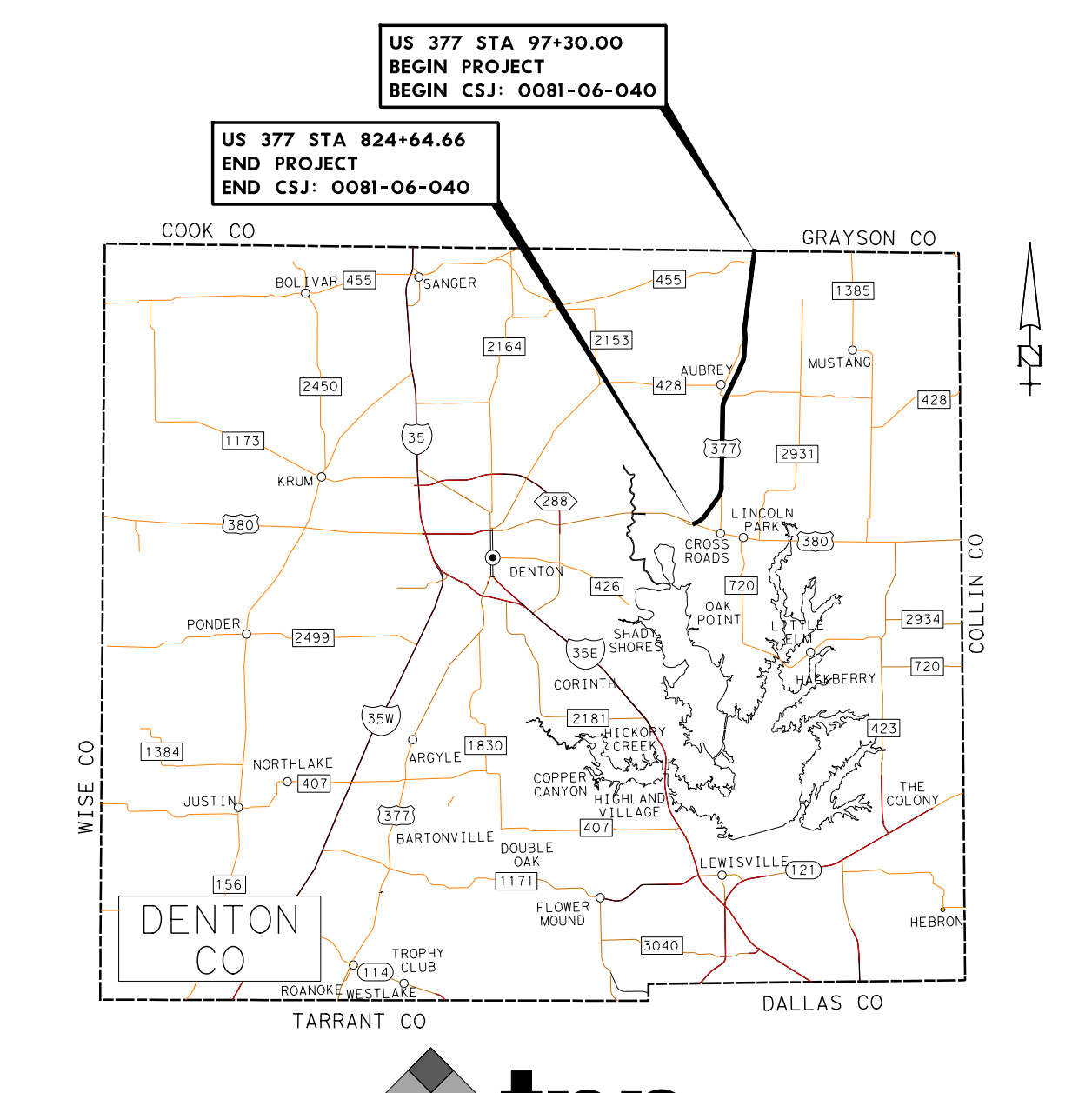
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET



TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

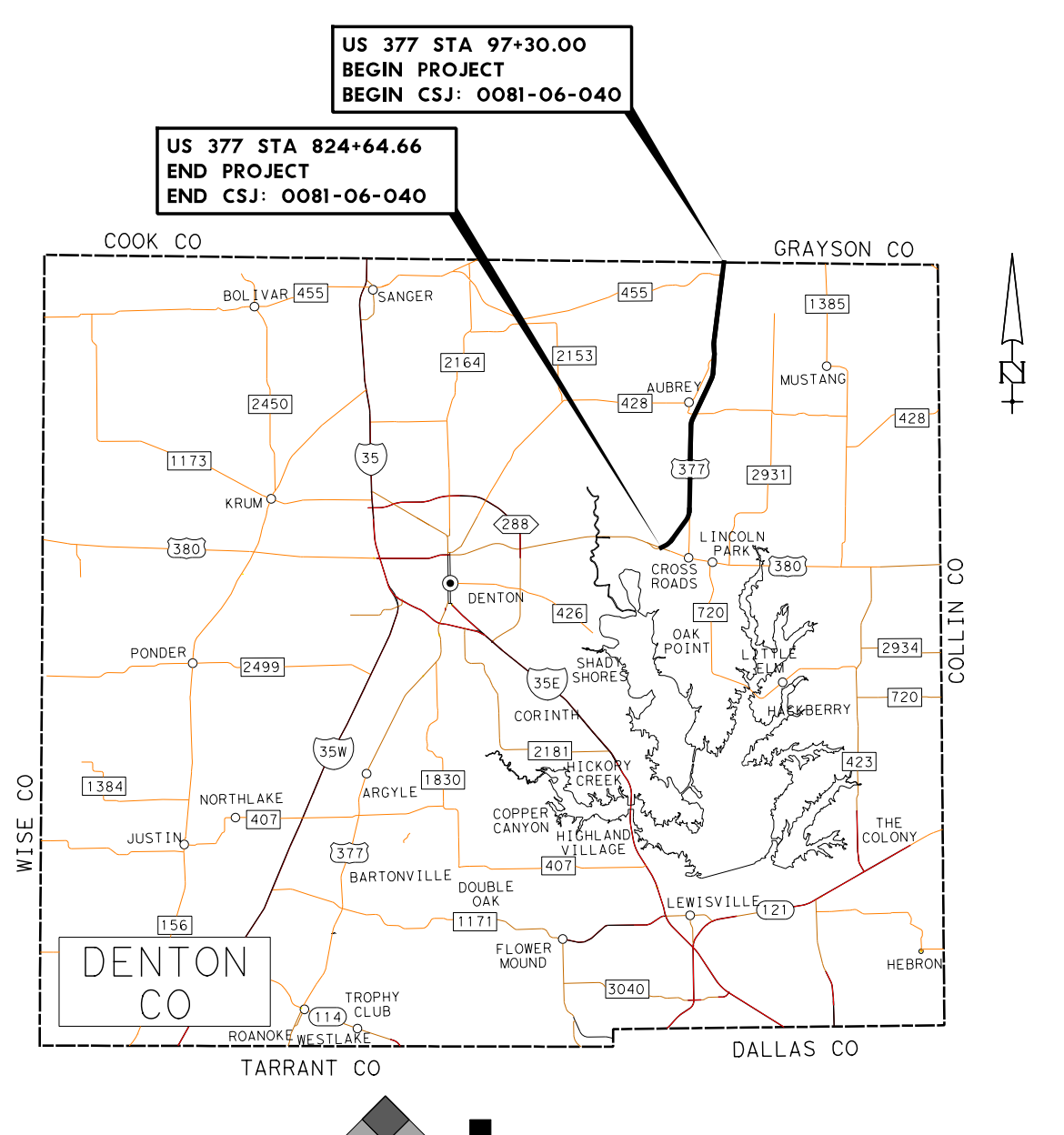
US 377

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

CSJ: 0081-06-040

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

PROJECT LOCATION


US 377 STA 97+30.00
BEGIN PROJECT
BEGIN CSJ: 0081-06-040
US 377 STA 824+64.66
END PROJECT
END CSJ: 0081-06-040
COOK CO
GRAYSON CO
COLLIN CO
WISE CO
TARRANT CO
DALLAS CO
DENTON CO
BOLIVAR
SANGER
AUBREY
MUSTANG
KRUM
DENTON
LINCOLN PARK
CROSS ROADS
OAK POINT
LITTLE ELM
HACKBERRY
SHADY SHORES
CORINTH
PONDER
HICKORY CREEK
ARGYLE
NORTHLAKE
JUSTIN
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
377
380
35
35E
35W
288

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

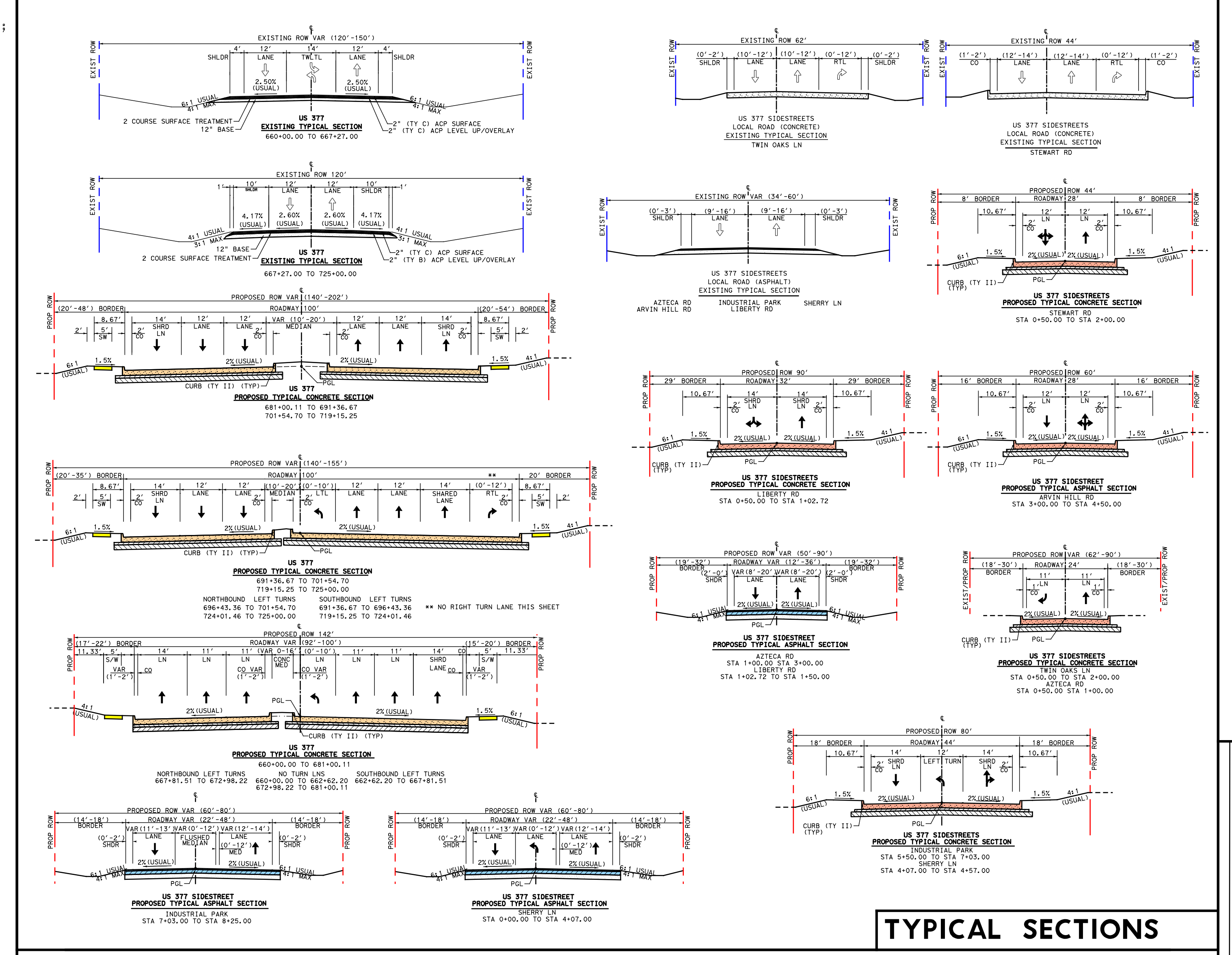
Dustin C. Ogle
91101
10/7/2020
Dustin C. Ogle

08/31/2020
DATE APPROVED

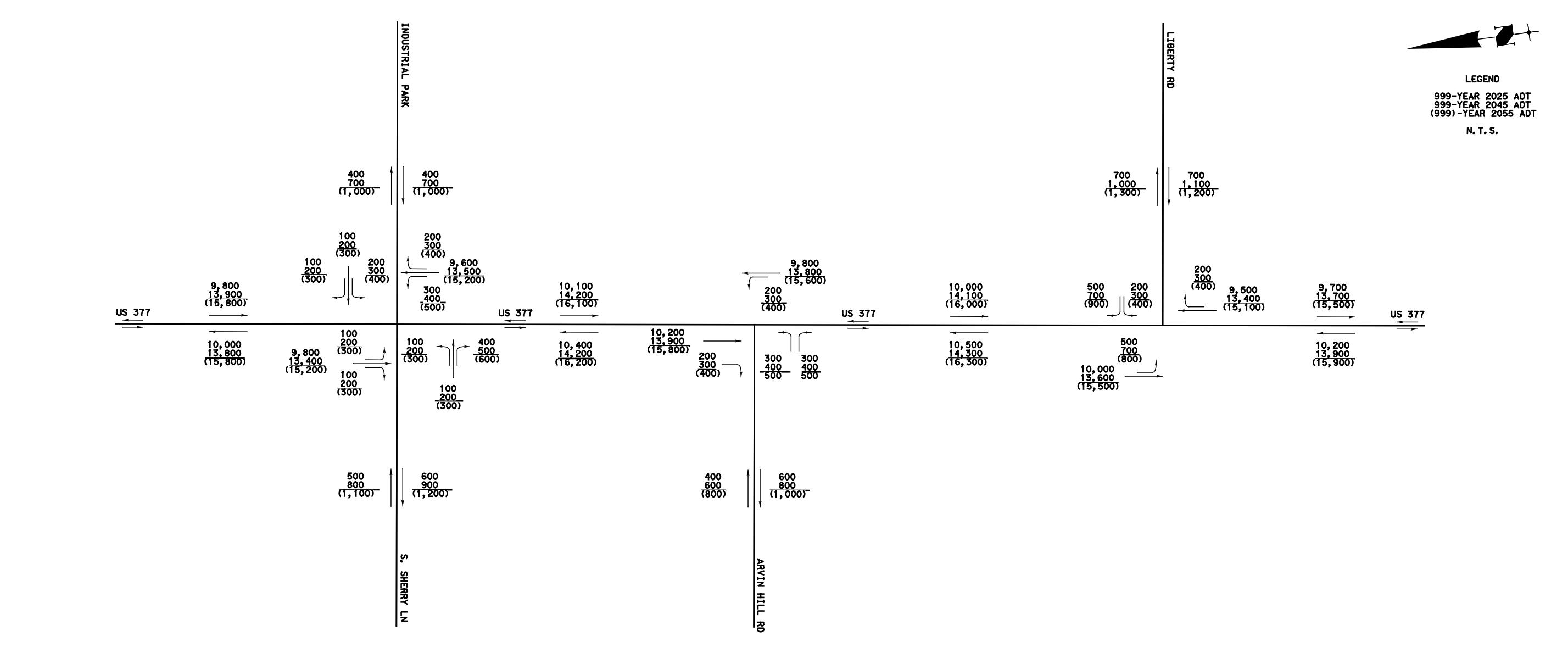
ROLL 10 of 15

OCTOBER 2020

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


EXIST ROW
2 COURSE SURFACE
PROP ROW
(20'-48') BORDER
(20'-35') BORDER
(17'-22') BORDER
(14'-18') BORDER
SW
SHRD LN
LANE
CO
6:1 (USUAL)
4:1 (USUAL)
1.5%
2% (USUAL)
PGL
US 377
PROPOSED TYPICAL SECTION

TYPICAL SECTIONS


S. SHERRY LN
ARVIN HILL RD
500
800
(1,100)
600
900
(1,200)
400
600
(800)
600
800
(1,000)

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

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

TRAFFIC DIAGRAMS

KRUGERVILLE CITY LIMITS
US 377
SB-209
SB-210
SB-211
SB-212
SB-213
SB-214
SB-215
R=25'
R=15'
100' STORAGE
345' DECELERATION
100' TAPER
FARMER'S INSURANCE
THE BIG DOG HOUSE
EXIST ROW
MATCHLINE STA 725+00

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
SSX 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.

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

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

TYPICAL MEDIAN DETAIL
(NOT TO SCALE)

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

CURVE DATA TABLE

CENTERLINE US 377 CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
22	P_377-22	659+86.33	7149904.54	2431292.45	0° 50' 20.59" (LT)	9,425.00	0° 36' 28.49"	69.01	138.02	S 1° 40' 49.03" W	138.02	659+17.32	660+55.34	S 2° 05' 59.32" W	S 1° 15' 38.74" W
23	P_377_23	715+36.71	7144355.50	2431170.32	3° 17' 44.97" (LT)	6,480.00	0° 53' 03.10"	186.43	372.75	S 0° 23' 13.75" E	372.70	713+50.29	717+23.04	S 1° 15' 38.74" W	S 2° 02' 06.24" E
24	P_377_24	719+24.02	7143968.32	2431184.08	3° 33' 11.28" (RT)	6,480.00	0° 53' 03.10"	200.99	401.85	S 0° 15' 30.60" E	401.79	717+23.04	721+24.89	S 2° 02' 06.24" E	S 1° 31' 05.04" W

CENTERLINE SHERRY LN S CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS36A	CURSI2	1+13.54	7149126.78	2430888.88	1° 20' 38.36" (RT)	2,000.00	2° 51' 53.24"	23.46	46.91	S 88° 05' 43.99" E	46.91	0+90.09	1+37.00	S 88° 46' 03.17" E	S 87° 25' 24.81" E

CENTERLINE INDUSTRIAL PARK CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS36B	CURSI4	6+76.63	7149101.47	2431451.40	0° 58' 23.39" (LT)	2,000.00	2° 51' 53.24"	16.99	33.97	S 87° 54' 36.50" E	33.97	6+59.65	6+93.62	S 87° 25' 24.81" E	S 88° 23' 48.20" E

CENTERLINE ARVINHILL CURVE DATA

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS36C	CURAV20	1+83.58	7146263.41	2430880.63	40° 19' 23.63" (RT)	500.00	11° 27' 32.96"	183.58	351.89	N 72° 26' 01.46" E	344.67	0+00.00	3+51.89	N 52° 16' 19.65" E	S 87° 24' 16.73" E

OWNER INFORMATION TABLE

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

SUPERELEVATION TABLE

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

NOTES:

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

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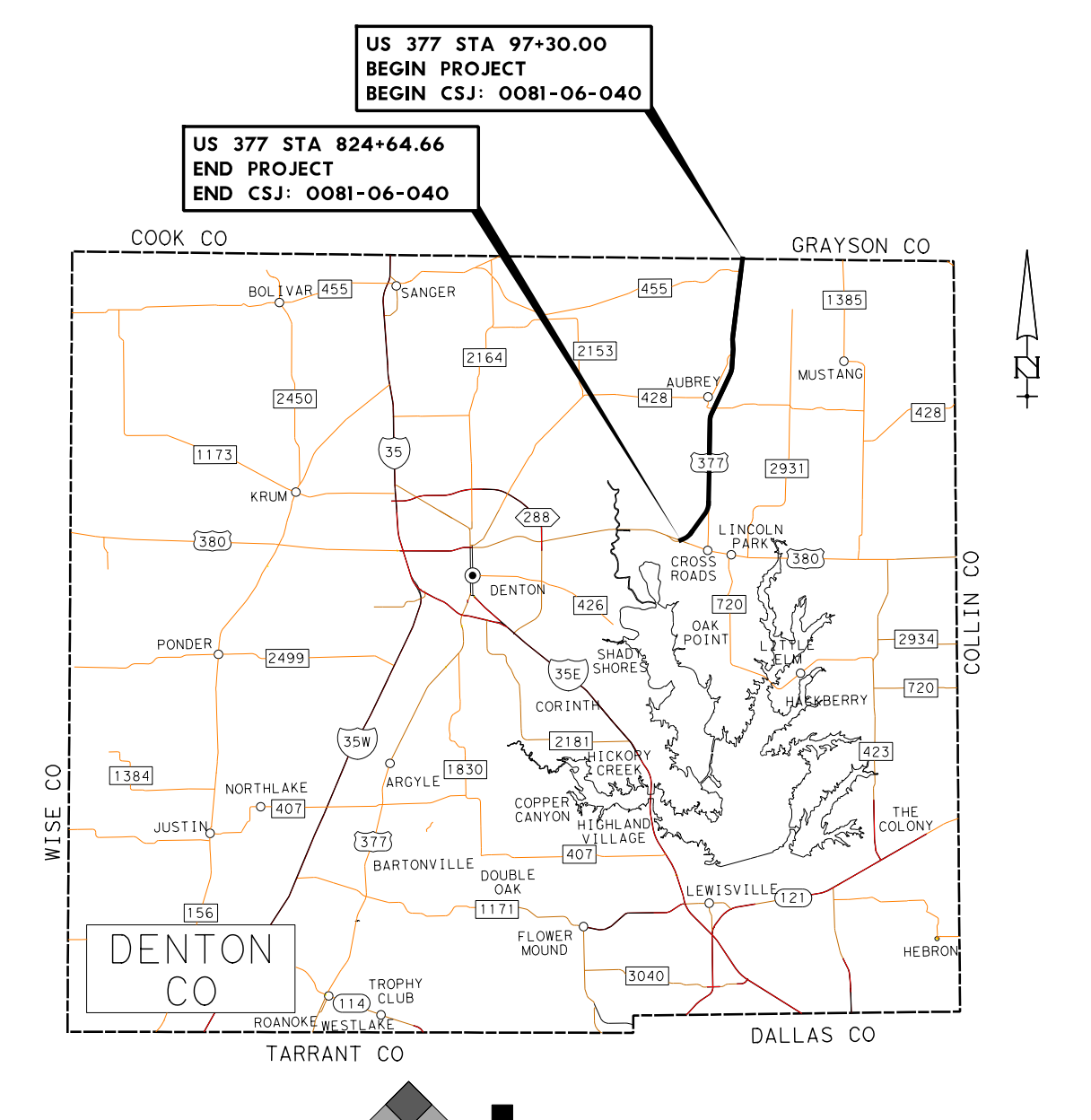
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION / DESIGN SPEED / FUNCTIONAL CLASS
US 377 45 MPH URBAN PRINCIPAL ARTERIAL
TWIN OAKS LN 30 MPH LOCAL
INDUSTRIAL PARK 30 MPH LOCAL
SHERRY LN S 30 MPH LOCAL
STEWART RD 30 MPH LOCAL
ARVIN HILL RD 30 MPH LOCAL
AZTECA RD 30 MPH LOCAL
LIBERTY RD 30 MPH LOCAL
PROJECT LOCATION



PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
10/7/2020
08/31/2020
DATE APPROVED
ROLL 10 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

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)

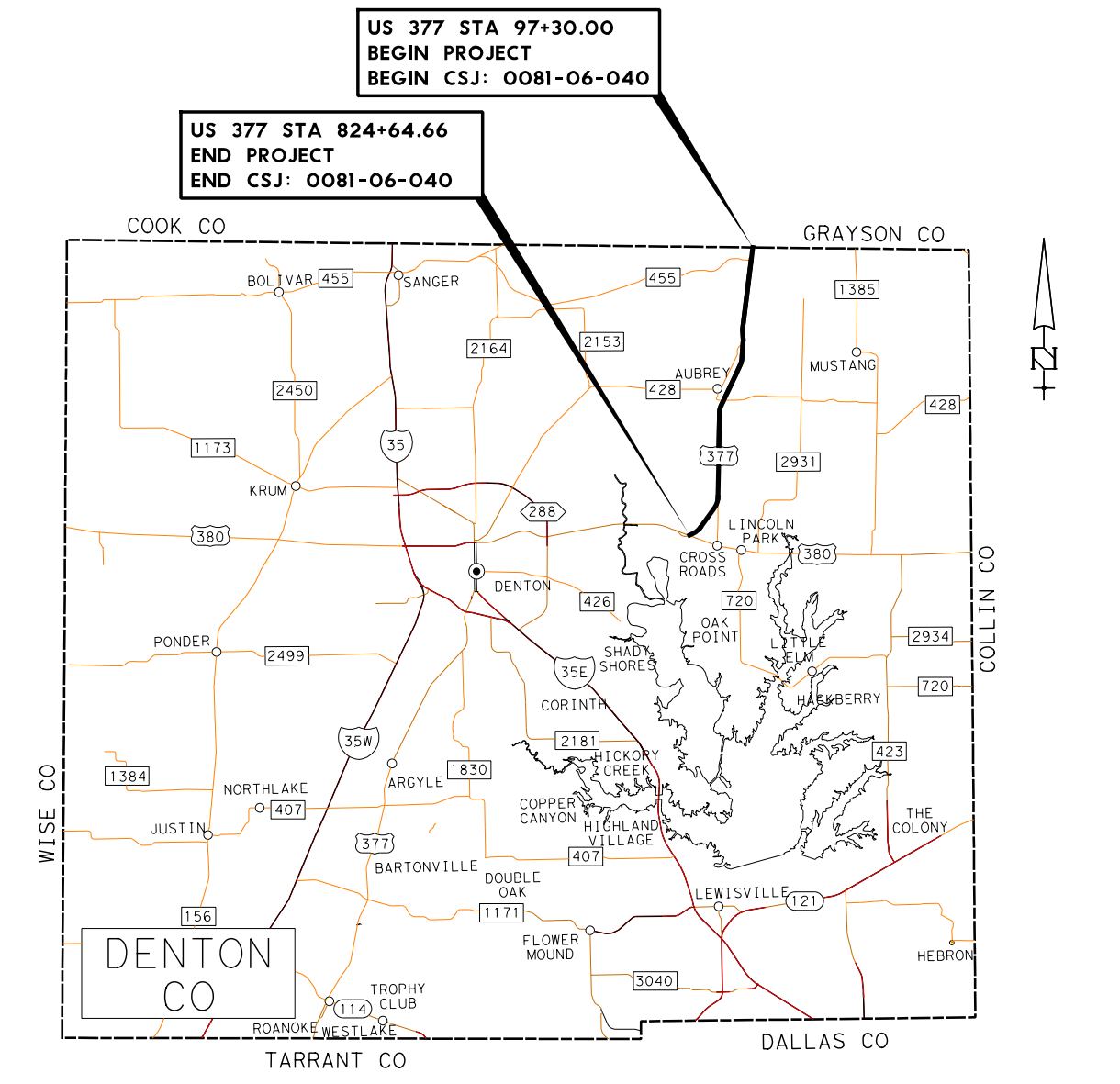
CSJ: 0081-06-040

ROADWAY SECTION	DESIGN SPEED	FUNCTIONAL CLASS
US 377	45 MPH	URBAN PRINCIPAL ARTERIAL
FM 424	30 MPH	LOCAL
DR GRIFFIN RD	30 MPH	LOCAL
OLD FM 424	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



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

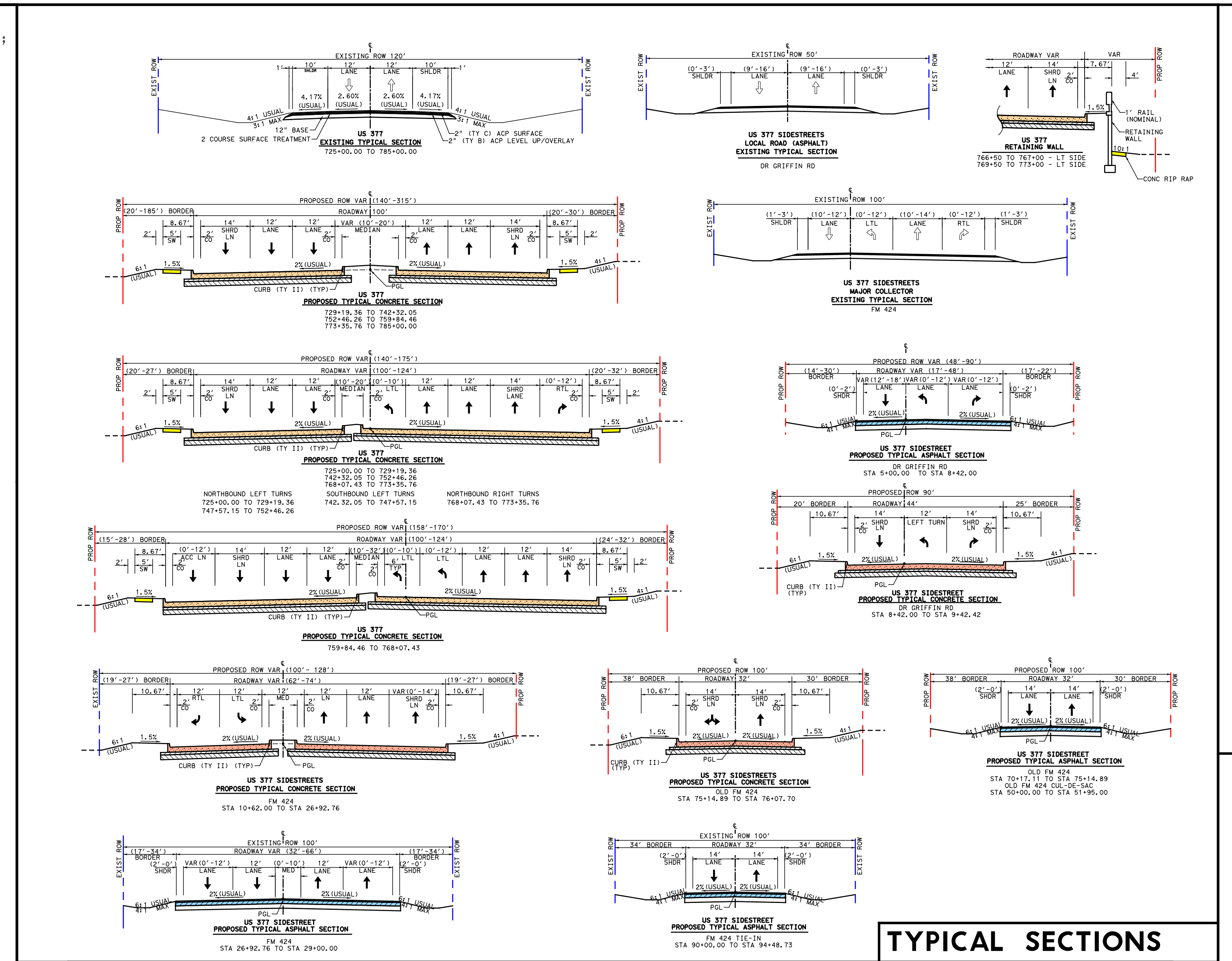
Dustin C. Ogle
91101
10/6/2020

08/31/2020
DATE APPROVED

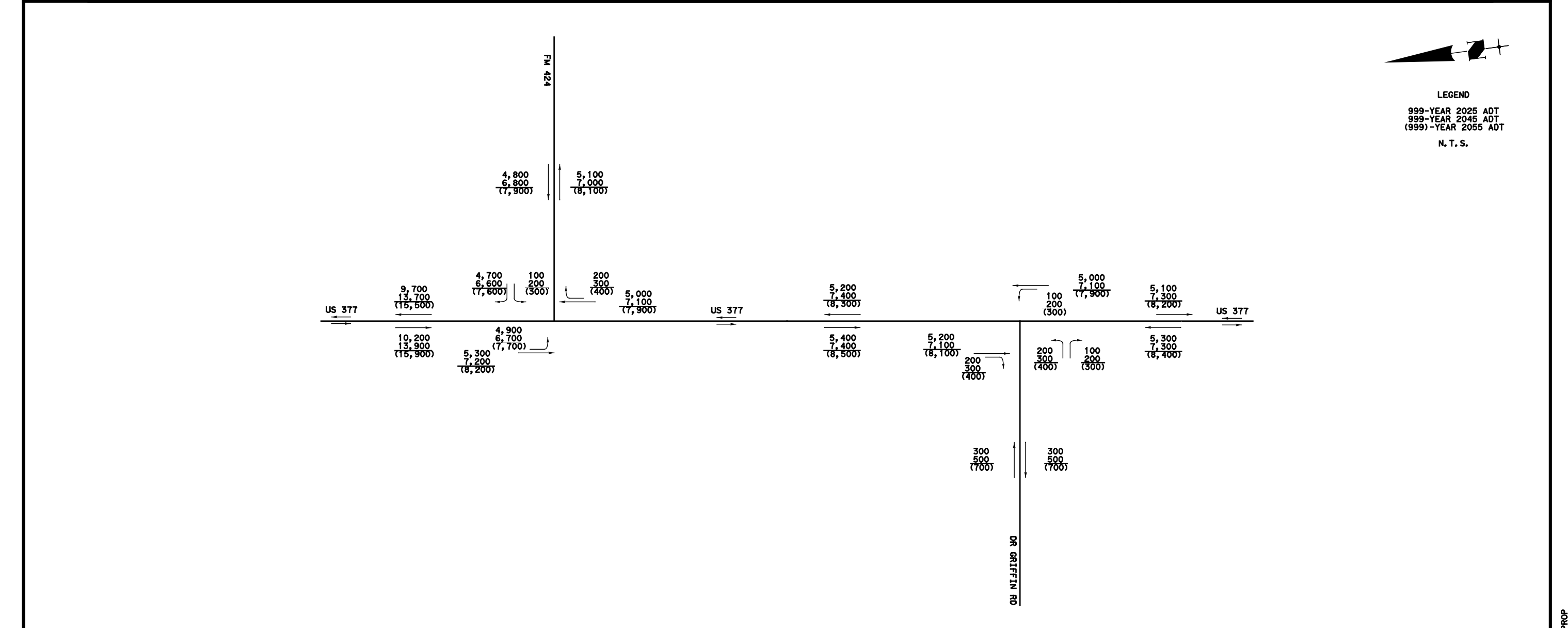
ROLL 11 of 15

OCTOBER 2020

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



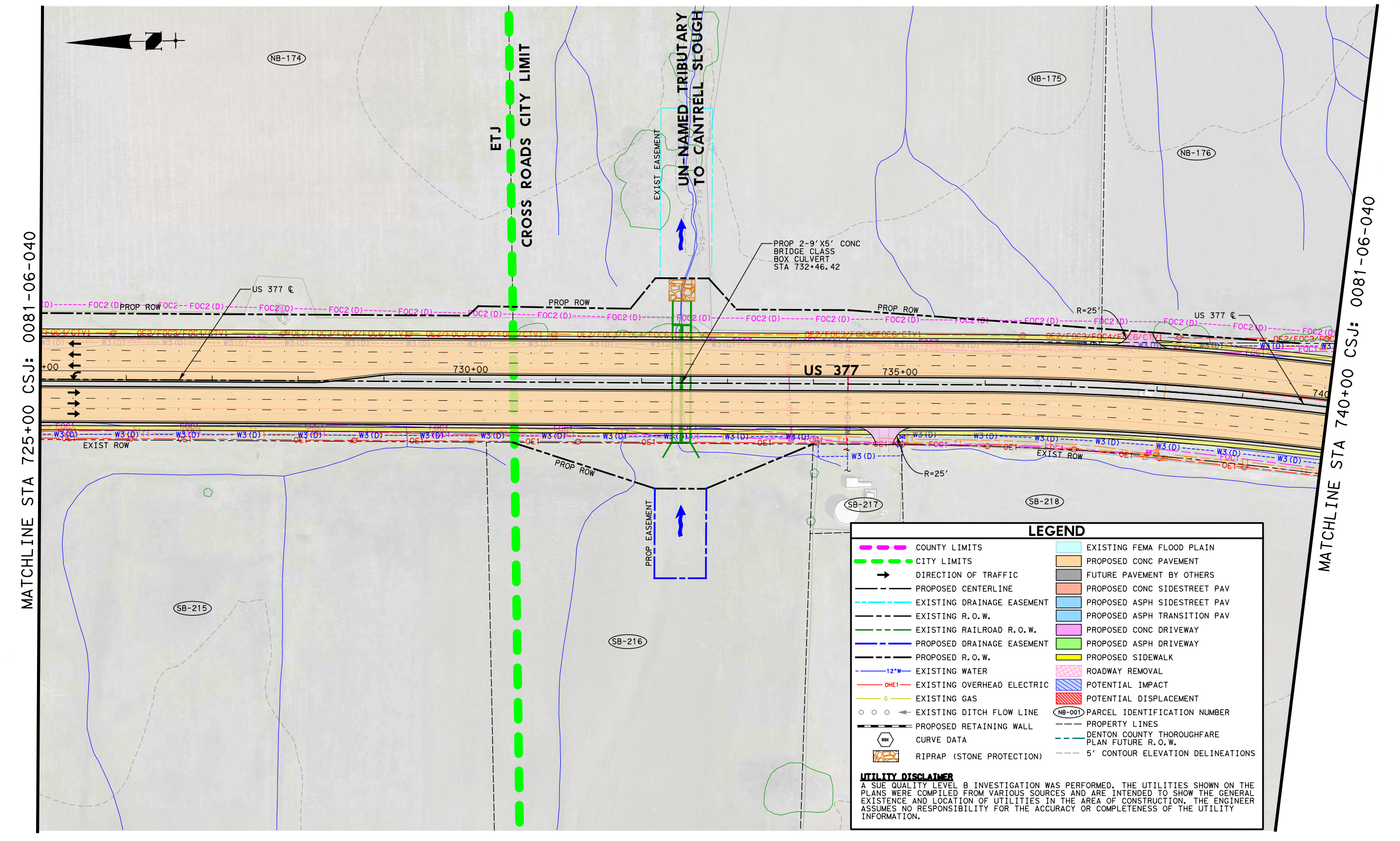
TYPICAL SECTIONS

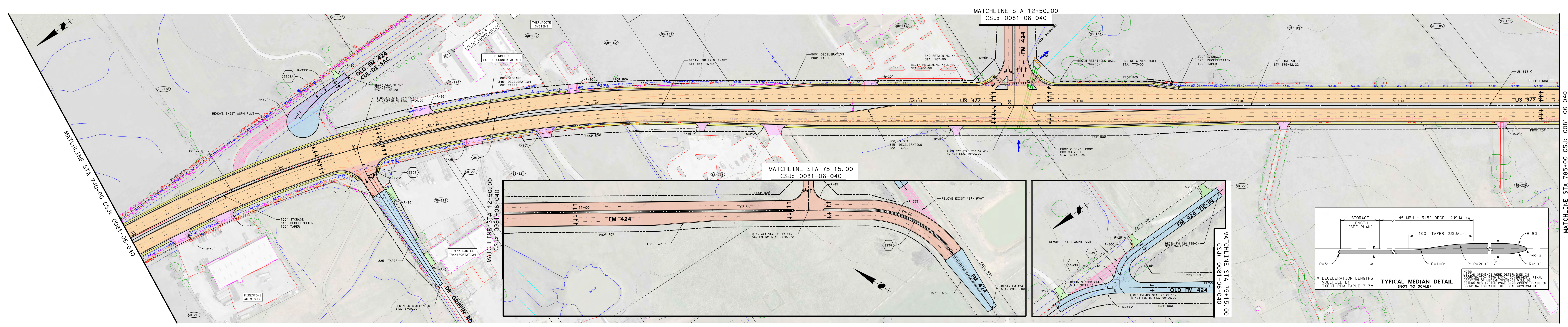


HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

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

TRAFFIC DIAGRAMS





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
26	P_377-26	746+90.76	7141202.55	2431110.78	35° 17′ 00.70" (RT)	3437.75	1° 40′ 00.00"	1093.28	2117.01	S 19° 09′ 35.39" W	2083.72	735+97.48	757+14.49	S 1° 31′ 05.04" W	S 36° 48′ 05.74" W

CENTERLINE DR GRIFFIN 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS37	CURVDRG2	9+39.16	7141188.75	2430859.15	21° 10′ 52.06" (RT)	333.00	17° 12′ 21.38"	62.26	123.10	S 76° 20′ 00.99" E	122.40	8+76.90	10+00.00	S 86° 55′ 27.02" E	S 65° 44′ 34.96" E

CENTERLINE FM 424 CURVE DATA

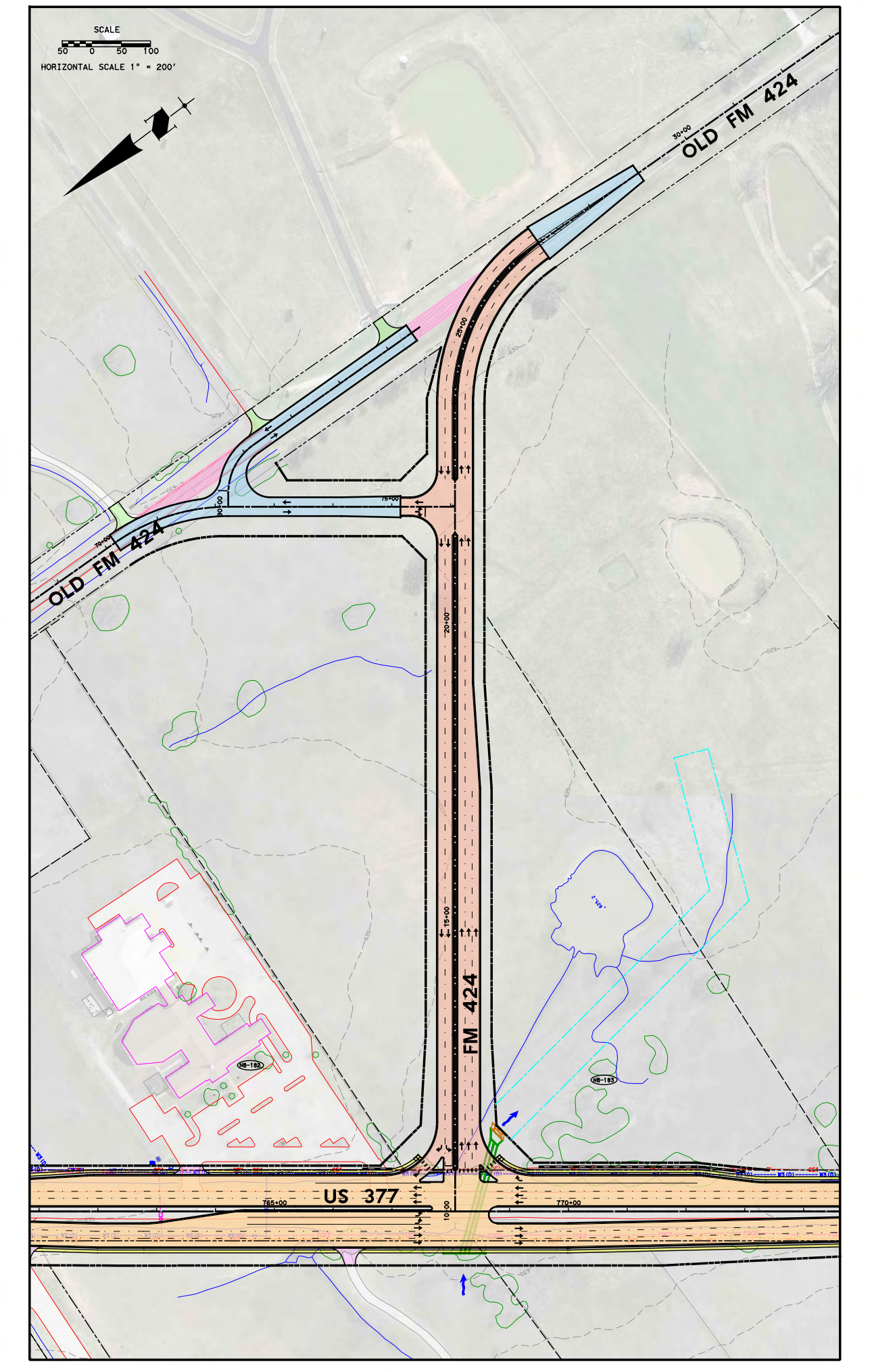
CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS38	FM42412	25+46.50	7138525.59	2431039.44	54° 58′ 40.95" (RT)	333.00	17° 12′ 21.38"	173.27	319.53	S 25° 42′ 33.78" E	307.41	23+73.23	26+92.76	S 53° 11′ 54.25" E	S 1° 46′ 46.70" W

CENTERLINE FM 424 TIE-IN 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
SS39	CURVTIE2	90+74.95	7138998.35	2431051.14	54° 43′ 15.30" (RT)	100.00	57° 17′ 44.81"	51.75	95.51	S 25° 50′ 16.60" E	91.92	90+23.20	91+18.71	S 53° 11′ 54.25" E	S 1° 31′ 21.06" W

CENTERLINE OLD FM 424 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
SS39A	CUROFM4242	50+86.27	7141164.29	2431114.78	14° 10′ 19.02" (RT)	333.00	17° 12′ 21.38"	41.39	82.37	S 5° 22′ 57.28" E	82.16	50+44.87	51+27.24	S 12° 28′ 06.79" E	S 1° 42′ 12.23" W
SS39B	CUROFM4244	71+22.99	7139128.04	2431054.56	35° 16′ 44.70" (RT)	333.00	17° 12′ 21.38"	105.89	205.04	S 19° 09′ 43.40" W	201.82	70+17.11	72+22.15	S 1° 31′ 21.06" W	S 36° 48′ 05.75" W



INTERSECTION US 377 AT FM 424

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-174	COVENANT CHURCH	-	32.99
NB-175	COVENANT CHURCH	-	25.79
NB-176	MARTIN, TEX ESTATE	7380 FM 424	48.67
NB-177	SULLIVAN, E LARRY	-	22.14
NB-178	CST STATIONS TEXAS, LLC	7500 US 377	2.44
NB-179	TFA SPECIALISTS INC	7000 US 377	1.25
NB-180	VOLUNTEER ENTERPRISES II LLC	US 377 & FM 424	2.00
NB-181	VOLUNTEER ENTERPRISES II LLC	US 377	1.00
NB-181A	VOLUNTEER ENTERPRISES II LLC	-	1.24
NB-182	NEW HOPE BAPTIST CHURCH	5800 US 377	9.27
NB-182	NEW HOPE BAPTIST CHURCH	5800 US 377	9.27
NB-183	HONG, ANNA LIZ	US 377	19.78
NB-184	HONG, ANNA LIZ	US 377	19.78
NB-185	BAIRD, SYLVIA A	US 377	3.89
NB-186	BAIRD, SYLVIA A	US 377	20.00
SB-215	LONGVIEW HUNTING RANCH LLC	US 377	33.12
SB-216	LONGVIEW HUNTING RANCH LLC	US 377	11.78
SB-217	MUSTANG WATER SUPPLY	US 377	0.23
SB-218	BARTEL FAMILY PARTNERS LTD	7351 US 377	46.63
SB-219	BARTEL FAMILY PARTNERS LTD	7401 US 377	4.00
SB-220	BARTEL FAMILY PARTNERS LTD	US 377	0.34
SB-221	BARTEL FAMILY PARTNERS LTD	7401 US 377	4.00
SB-222	LOW, JEFFREY P & MARY A	7557 S HIGHWAY 377	4.83
SB-223	PADICK PARTNERS ETAL	6001 US HWY 377	3.77
SB-224	RILEY, TONY & DAVID MELTON	US 377	15.38
SB-225	BIRDSONG, BRUCE & SHEREE	4801 S HIGHWAY 377	52.50
SB-226	KENNEY, NORMAN B	4201 S HIGHWAY 377	10.06

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
745+45.00	-2.0%	745+45.00	-2.0%
745+95.00	-1.5%	745+95.00	-1.5%
749+00.00	-1.5%	749+00.00	-1.5%
749+55.00	-2.0%	749+55.00	-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.

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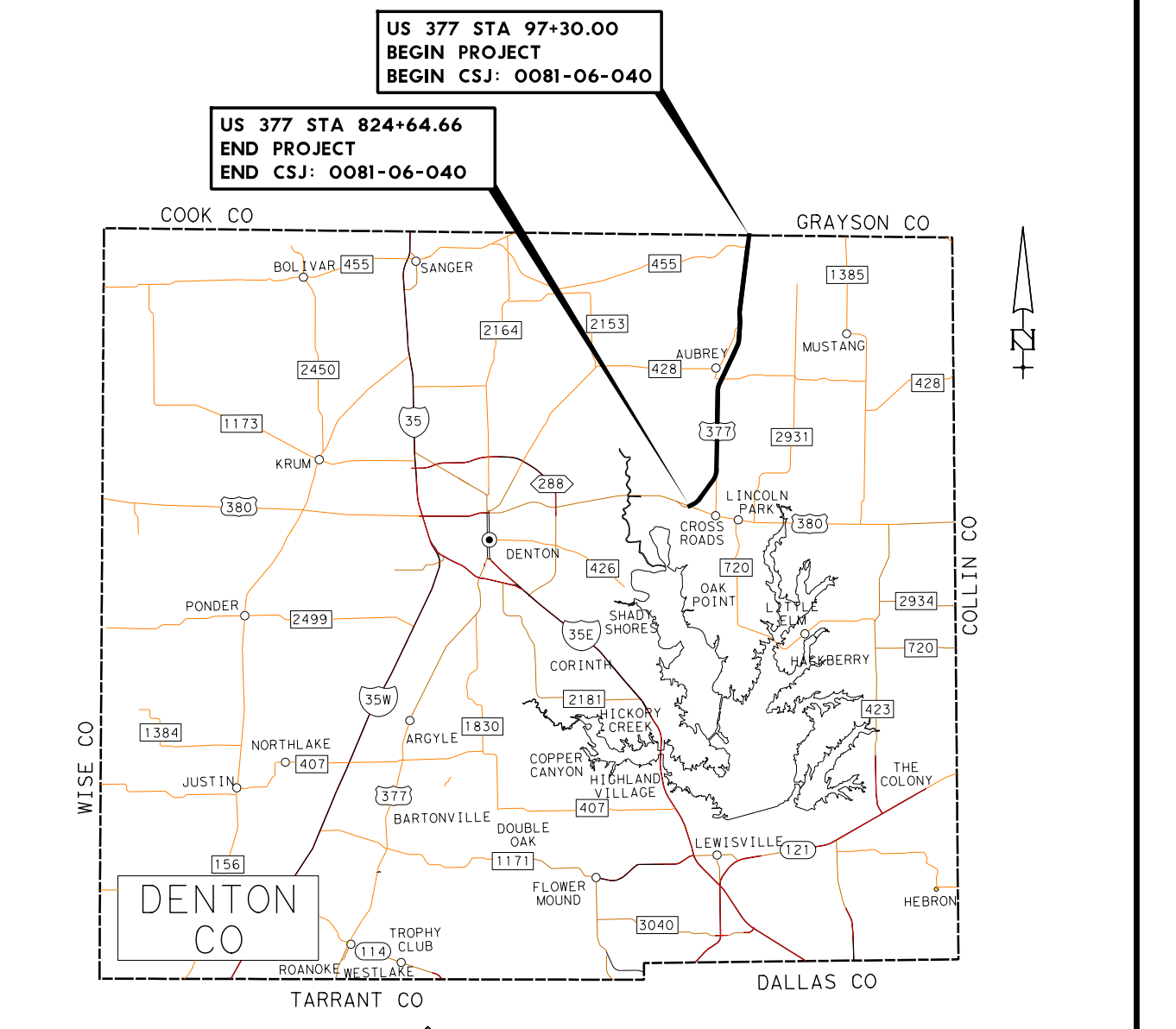
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
ROADWAY SECTION / DESIGN SPEED / FUNCTIONAL CLASS
US 377 45 MPH URBAN PRINCIPAL ARTERIAL
FM 424 30 MPH LOCAL
DR GRIFFIN RD 30 MPH LOCAL
OLD FM 424 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
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
08/31/2020
DATE APPROVED
ROLL 11 of 15
OCTOBER 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET



TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

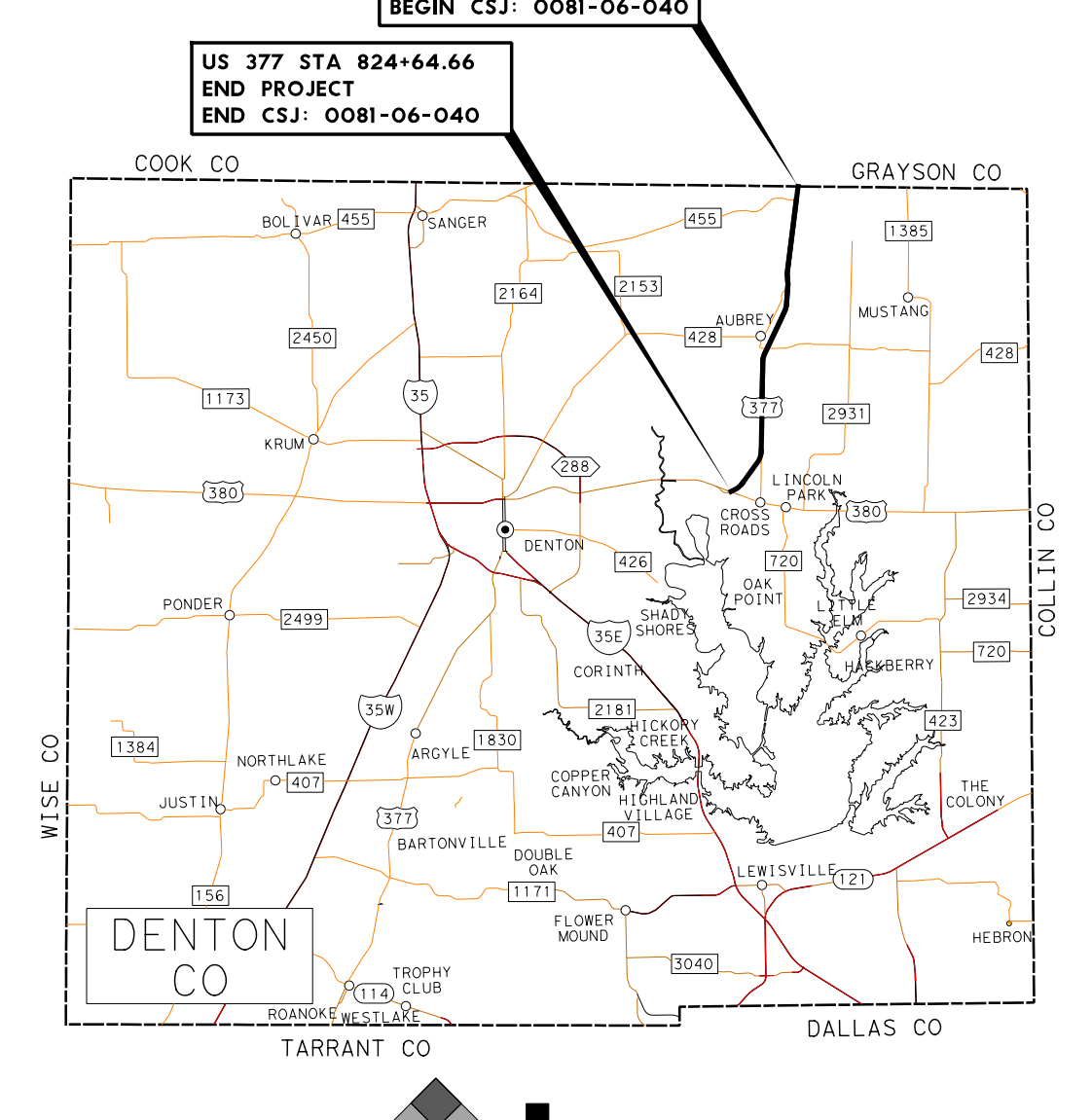
US 377

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
US 380	70 MPH	PRINCIPAL ARTERIAL
US 380 RAMPS	30 MPH	ARTERIAL
FISHTRAP RD	30 MPH	LOCAL
POTTER SHOP RD	30 MPH	LOCAL

PROJECT LOCATION



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

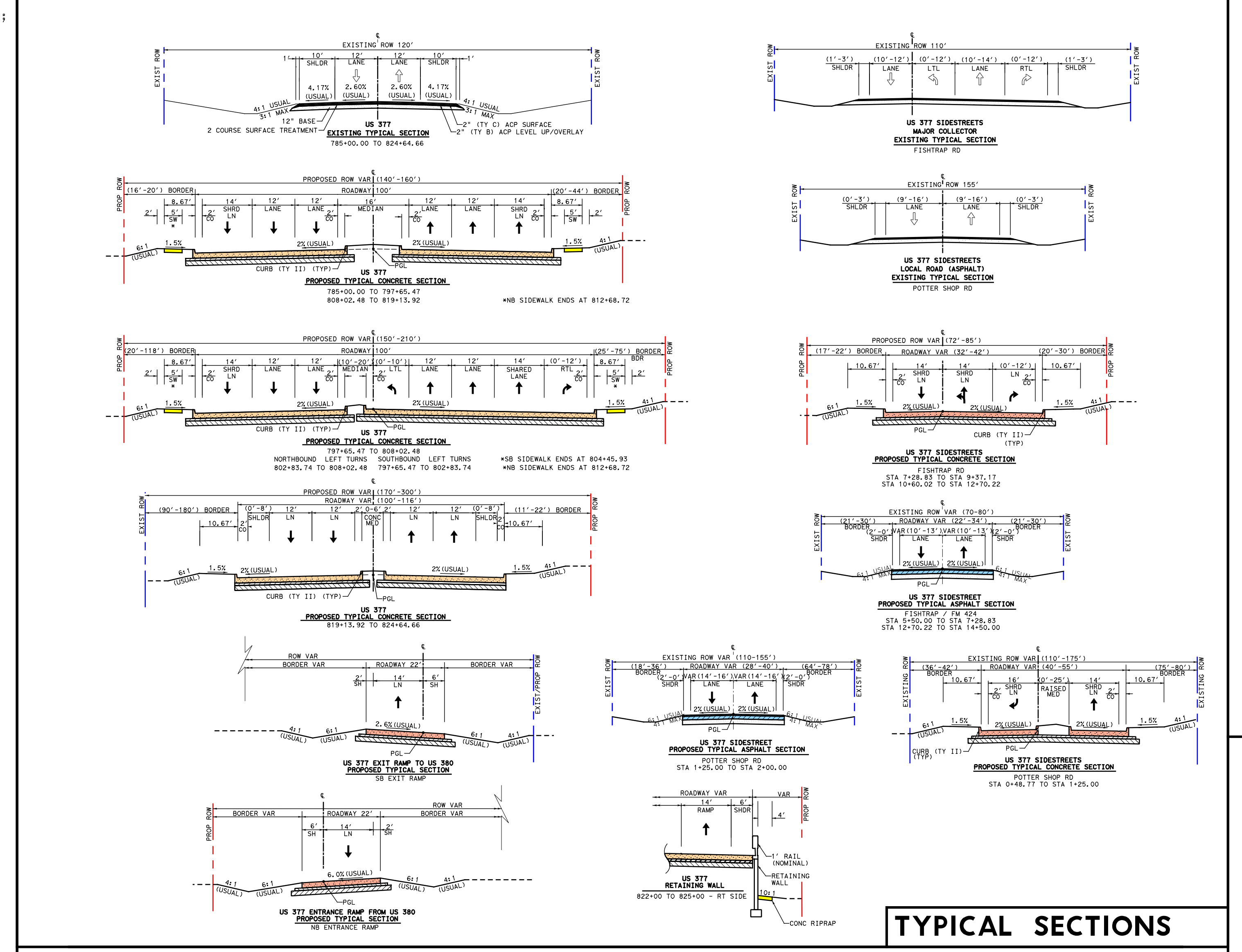
Dustin C. Ogle
91101
10/7/2020

08/31/2020
DATE APPROVED

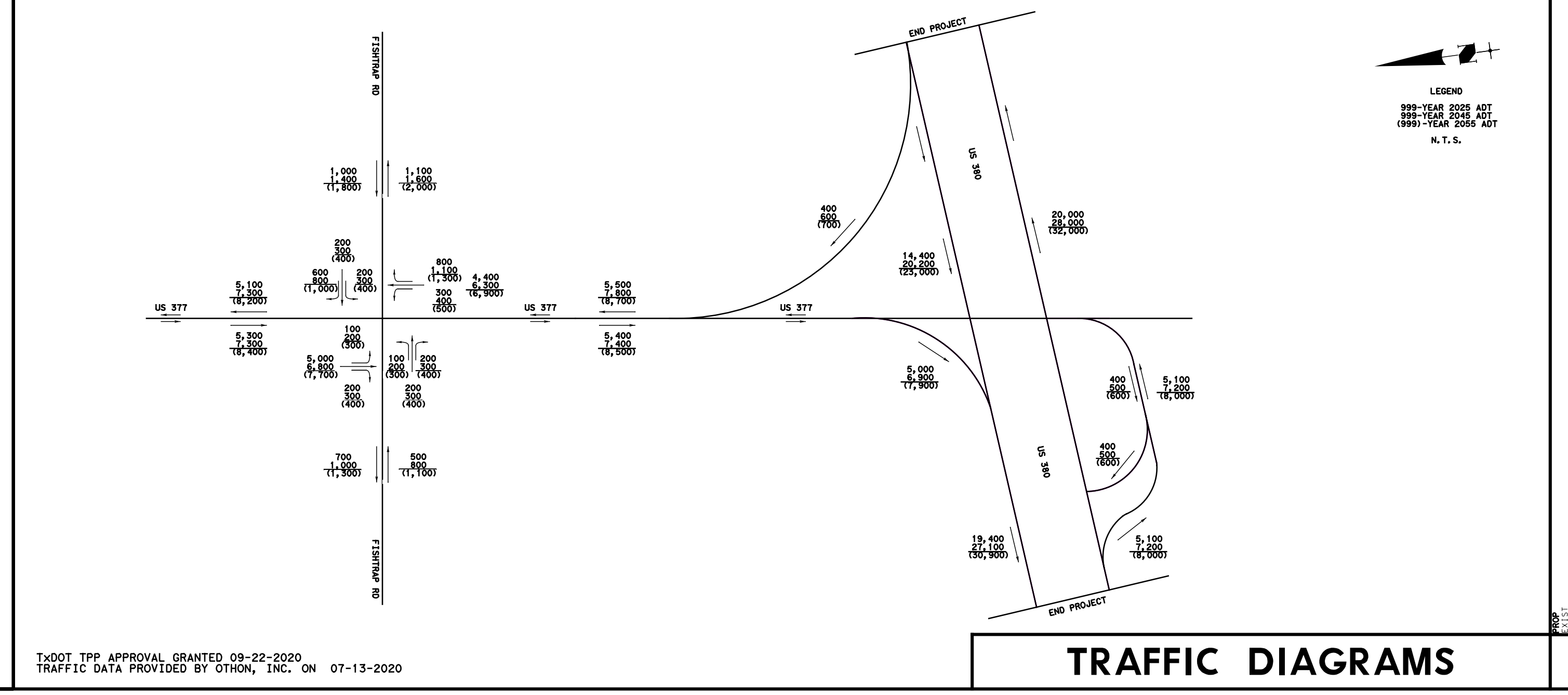
ROLL 12 of 15

OCTOBER 2020

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



TYPICAL SECTIONS



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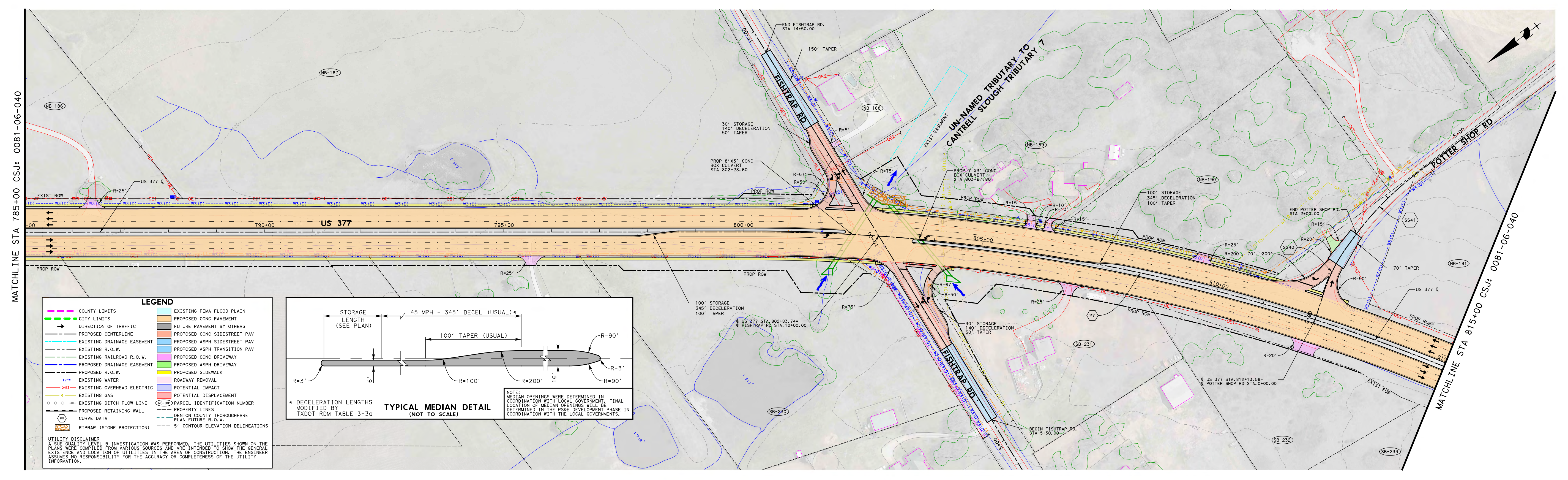
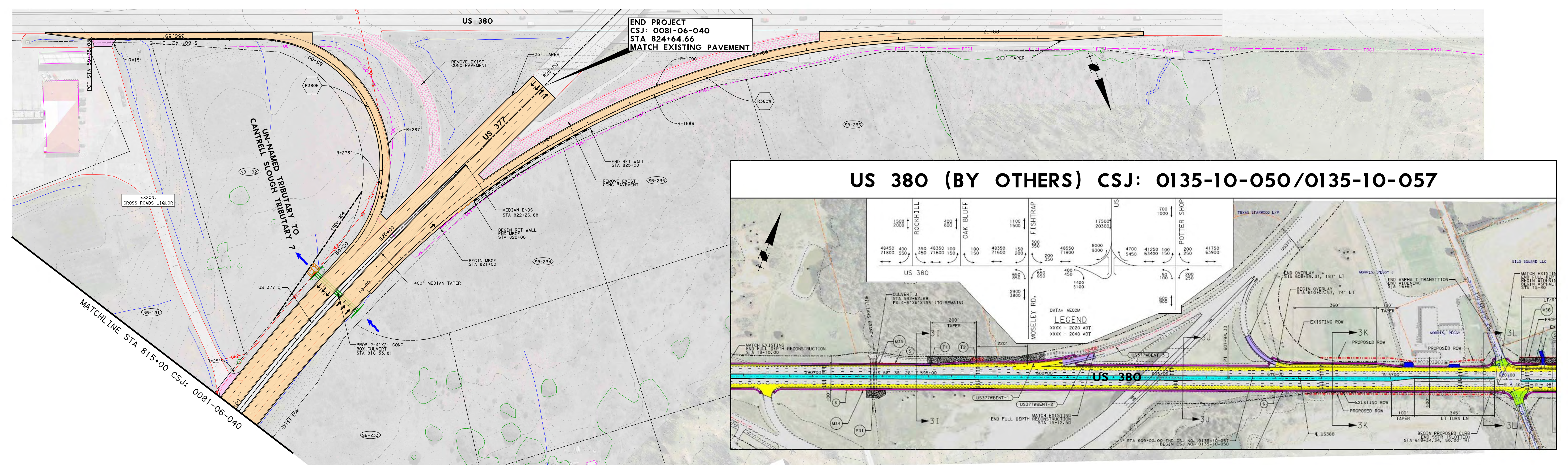
TRAFFIC DATA PROVIDED BY OTHON, INC. ON 07-13-2020

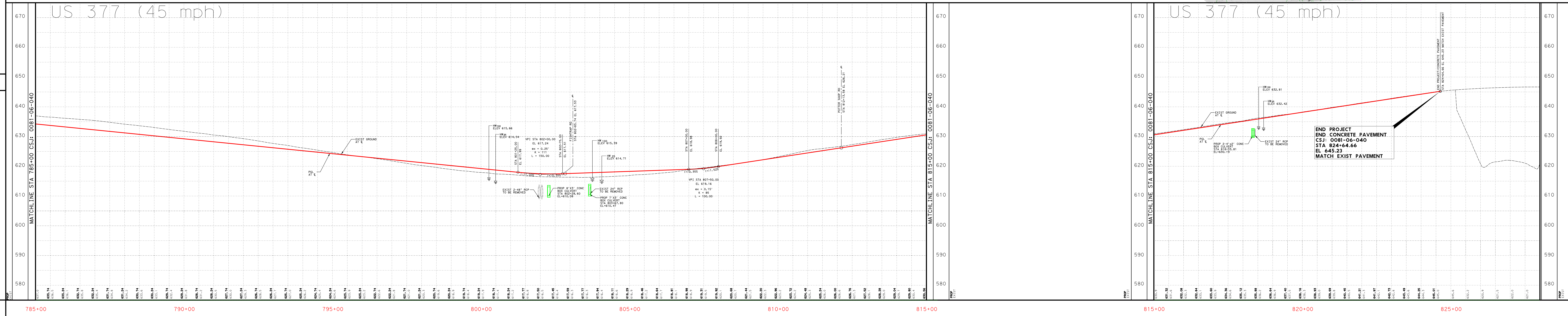
TRAFFIC DIAGRAMS





END PROJECT
CSJ: 0081-06-040
STA 824+64.66
MATCH EXISTING PAVEMENT

US 380 (BY OTHERS) CSJ: 0135-10-050/0135-10-057



END PROJECT
END CONCRETE PAVEMENT
CSJ: 0081-06-040
STA 824+64.66
EL 645.23
MATCH EXIST PAVEMENT

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
27	P_377-27	810+35.21	7136066.77	2427268.51	29° 37' 39.33" (RT)	3819.72	1° 30' 00.00"	1010.20	1975.17	S 51° 36' 55.41" W	1953.24	800+25.01	820+00.18	S 36° 48' 05.74" W	S 66° 25' 45.07" W

CENTERLINE POTTER SHOP 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	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS40	P_POTTER1	1+14.02	7135956.14	2427092.21	18° 20' 29.36" (RT)	333.00	17° 12' 21.38"	53.76	106.60	S 26° 11' 57.18" E	106.15	0+60.26	1+66.86	S 35° 22' 11.86" E	S 17° 01' 42.50" E
SS41	P_POTTER2	2+84.87	7135791.90	2427142.52	16° 35' 27.75" (RT)	640.00	8° 57' 08.88"	93.31	185.32	S 8° 43' 58.63" E	184.68	1+91.56	3+76.88	S 17° 01' 42.50" E	S 0° 26' 14.76" E

RAMP 380 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
R380E	US380C10	56+53.15	7135391.53	2425848.86	134° 37' 57.24" (LT)	273.00	20° 59' 14.87"	653.15	641.49	S 1° 23' 02.33" E	503.77	50+00.00	56+41.49	S 65° 55' 56.29" W	S 68° 42' 00.95" E
R380W	US380C1	17+43.08	7135425.48	2425762.95	47° 34' 10.10" (RT)	1686.00	3° 23' 53.97"	743.08	1399.79	S 87° 32' 51.00" W	1359.93	10+00.00	23+99.79	S 63° 45' 45.95" W	N 68° 40' 03.95" W

OWNER INFORMATION TABLE

PARCEL NO.	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-186	BAIRD, SYLVIA A	US 377	20.00
NB-187	TARSAN CORP	-	48.83
NB-188	GIDDENS, KRISTIN & JOSEPH	-	1.00
NB-189	LUDWIG, SHERRY TRUSTEE DORIS J PANNELL MAGEE TRUST	1800 S US 377	7.09
NB-190	BILL PETERSON & ASSOCIATES	1000 N POTTER SHOP RD	3.70
NB-191	MODERN PYRAMIDS INC & DFW OIL WHOLESALE LLC & DFW OIL INC	-	5.15
NB-192	LONESOME STAR ENTERPRISES LLC	E US 380	3.78
SB-215	LONGVIEW HUNTING RANCH LLC	US 377	33.12
SB-216	LONGVIEW HUNTING RANCH LLC	US 377	11.78
SB-226	KENNEY, NORMAN B	4201 S HIGHWAY 377	10.06
SB-227	FLETCHER, EDDIE L	US 377	5.00
SB-228	FLETCHER, EDDIE L	US 377	5.12
SB-229	PHILLIPS, SYLVIA	2801 S US 377	5.15
SB-230	BILLINGSLEY, THOMAS S & PATTY E	FISHTRAP RD @ US HWY 377	5.32
SB-231	WHITE STEVENS, CHAD & WENDY LYNN	2201 S US 377	2.65
SB-232	TEXAS STARWOOD L/P	-	2.59
SB-233	TEXAS STARWOOD L/P	-	3.58
SB-234	TEXAS STARWOOD L/P	-	2.66
SB-235	TEXAS STARWOOD L/P	-	3.27
SB-236	TEXAS STARWOOD L/P	-	3.06

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
*13+44.00	-2.0%	*51+08.00	-2.0%
*13+60.00	-2.6%	*52+06.00	-6.0%
*21+15.00	-2.6%	*54+26.00	-6.0%
*21+28.00	-2.0%	*55+24.00	-2.0%

*RAMP STATION

NOTES:

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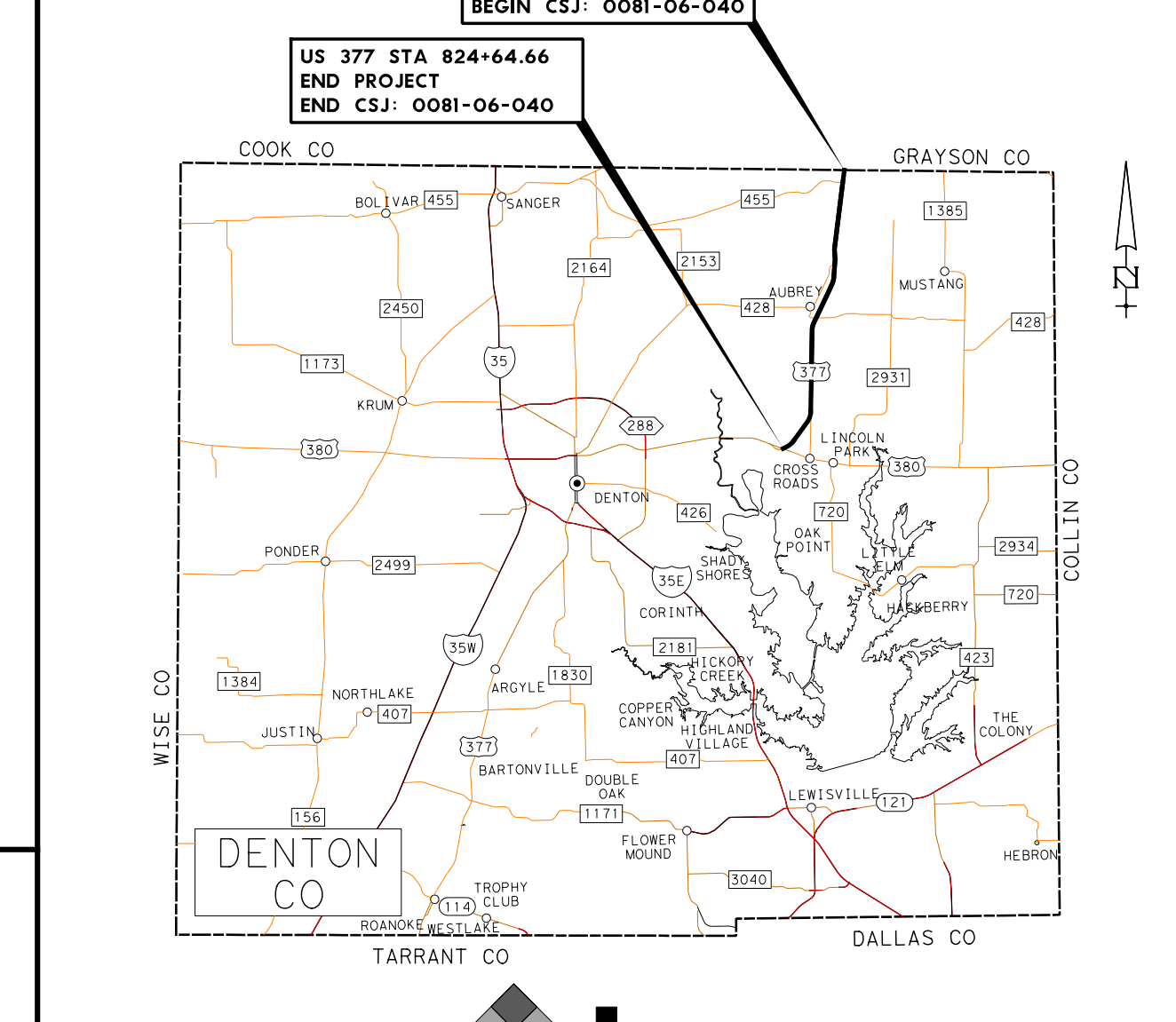
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
FROM: NORTH OF BUS 377E
TO: US 380
PROJECT LENGTH: 13.776 MILES (72,734.66 FT)
CSJ: 0081-06-040
PROJECT LOCATION
08/31/2020
DATE APPROVED
ROLL 12 of 15
OCTOBER 2020



TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

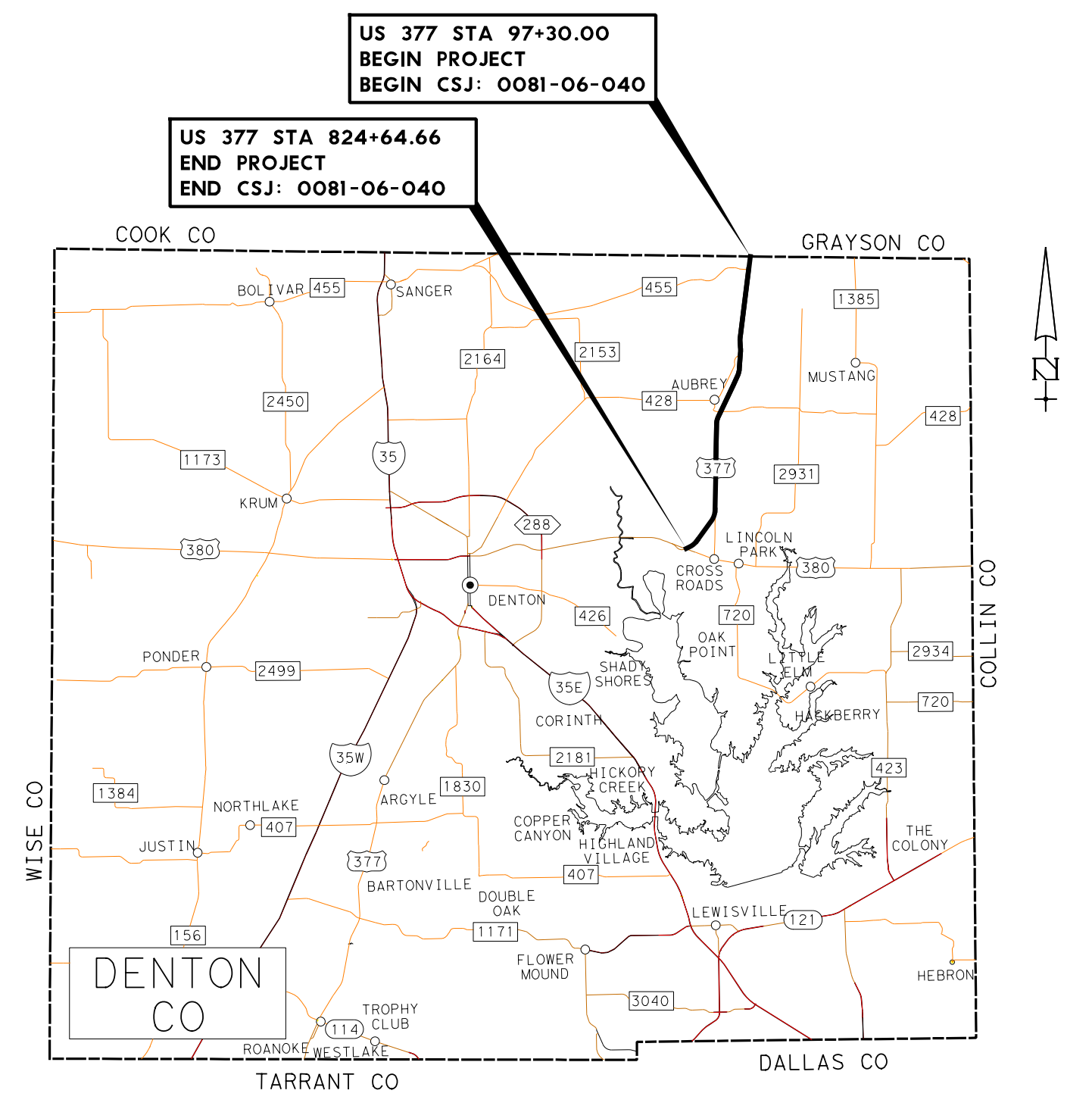
US 377

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
INTERSECTING STREETS	45 MPH	PRINCIPAL ARTERIAL
INTERSECTING STREETS	30 MPH	MINOR ARTERIAL
INTERSECTING STREETS	30 MPH	MAJOR COLLECTOR
INTERSECTING STREETS	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

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

Dustin C. Ogle
91101
7/31/2020

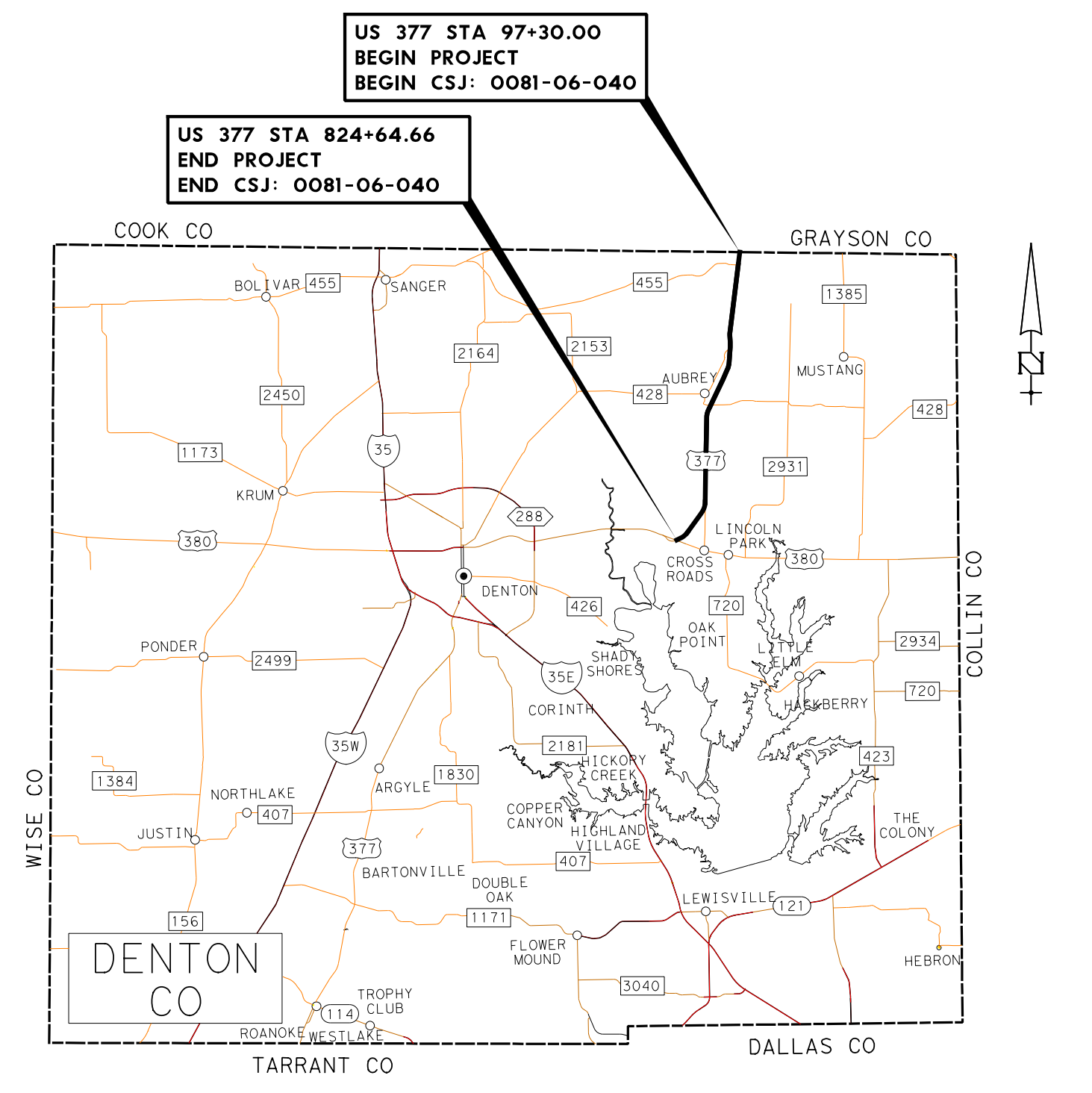
DATE APPROVED

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

ROLL 13 of 15

JULY 2020

N WASHINGTON ST
BEREND RD
E NORTHSIDE DR
PRODUCTION RD
MCDONALD
E BURKS ST
FM 455 / FM 1192
GEE ST
DEBBIE LN
HARRISON ST
FAIRLANE DR
ENTERPRISE DR
HOLIDAY ST
BUS US 377 / WASHINGTON ST
JEFFERSON ST
STRITTMATTER RD
SOUTHSIDE DR
OLD S WASHINGTON ST
OLD S WASHINGTON ST (2)
FOUTCH RD
ZIPPER RD / FM 455 W
FRIENDSHIP RD / ST JOHN RD
COLE RD



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TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. DISTRICT ENGINEER
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URBAN PRINCIPAL ARTERIAL
DENTON COUNTY
US 377
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INTERSECTING STREETS 30 MPH MINOR ARTERIAL
INTERSECTING STREETS 30 MPH MAJOR COLLECTOR
INTERSECTING STREETS 30 MPH LOCAL
PROJECT LOCATION
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
7/31/2020
DATE APPROVED
HORIZONTAL SCALE 1" = 100'
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SCALE IN FEET
ROLL 13 of 15
JULY 2020

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)

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ROADWAY SECTION	DESIGN SPEED	FUNCTIONAL CLASS
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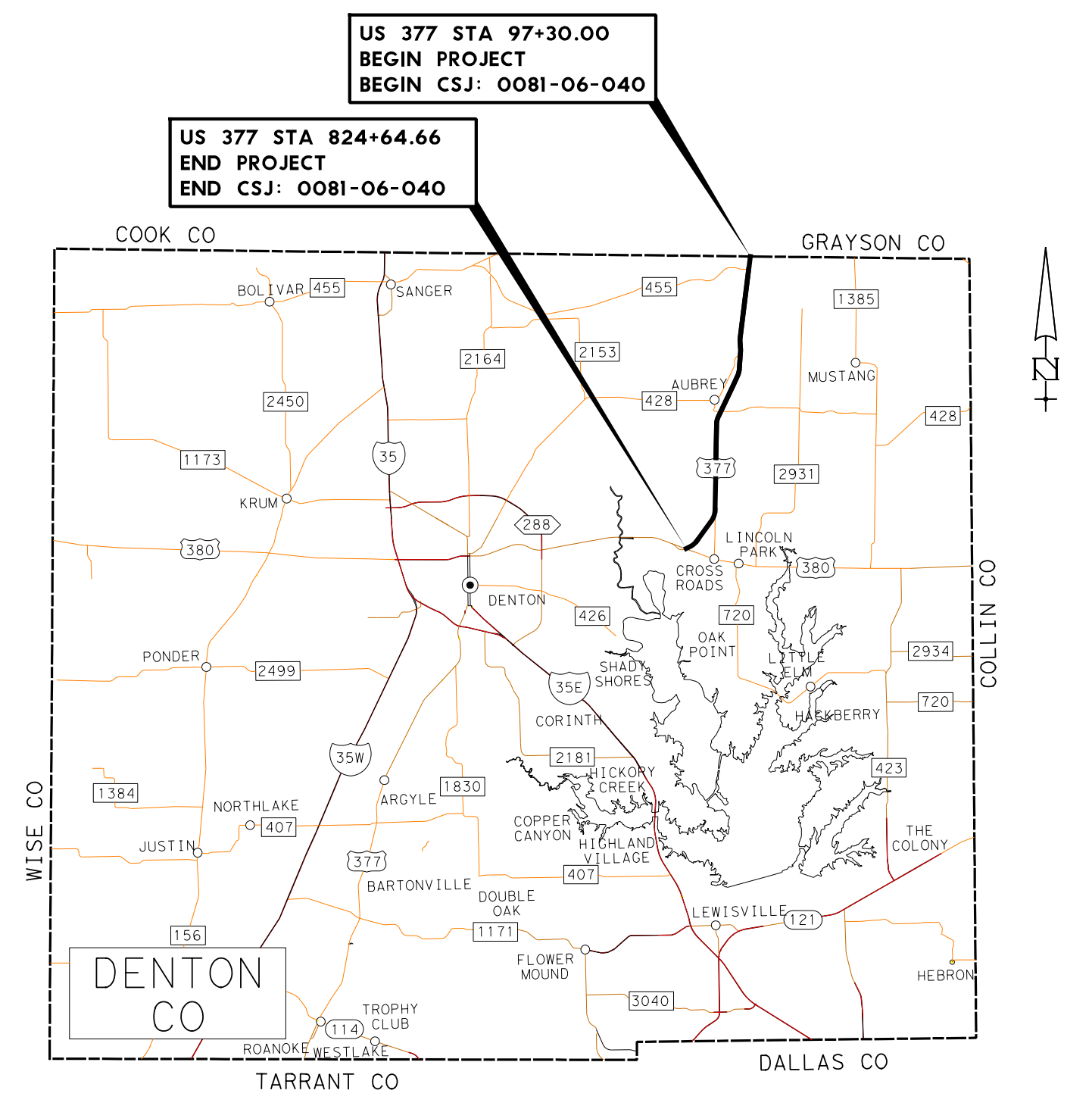
INTERSECTING STREETS	30 MPH	MINOR ARTERIAL
INTERSECTING STREETS	30 MPH	MAJOR COLLECTOR
INTERSECTING STREETS	30 MPH	LOCAL

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
SANGER
BOLIVAR
AUBREY
MUSTANG
KRUM
DENTON
LINCOLN PARK
CROSS ROADS
OAK POINT
SHADY SHORES
LITTLE ELM
HACKBERRY
CORINTH
PONDER
HICKORY CREEK
COPPER CANYON
HIGHLAND VILLAGE
THE COLONY
ARGYLE
NORTHLAKE
JUSTIN
BARTONVILLE
DOUBLE OAK
LEWISVILLE
FLOWER MOUND
HEBRON
TROPHY CLUB
ROANOKE
WESTLAKE
N

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

STATE OF TEXAS
Dustin C. Ogle
91101
LICENSED PROFESSIONAL ENGINEER
7/31/2020
Dustin C. Ogle

DATE APPROVED

FM 3524 / E SHERMAN DR
BLACKJACK RD E
BLACKJACK RD W
TISDELL ST
DEMOYE ST
MEADOW LN
FM 428 / SPRINGHILL RD
PINE RIDGE ST
CHESTNUT ST
HIGHMEADOW DR
STANLEY ST
BRUMLEY DR
PARALELL LN
SURVEYORS RD
KRUGER RD
RANCH RD
WOODLANDS / PERKINS RD
FAIRCREST DR
IKE BYROM RD / FAIRVIEW DR
TWIN OAKS LN
INDUSTRIAL PARK / SHERRY LN S
STEWART RD
ARVIN HILL RD
AZTECA RD
LIBERTY RD

50 0 100 200 300
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 14 of 15

JULY 2020

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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
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INTERSECTING STREETS 30 MPH LOCAL
PROJECT LOCATION
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
7/31/2020
DATE APPROVED
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET
ROLL 14 of 15
JULY 2020

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

MOHAMED K. BUR, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

URBAN PRINCIPAL ARTERIAL

DENTON COUNTY

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ROADWAY SECTION	DESIGN SPEED	FUNCTIONAL CLASS
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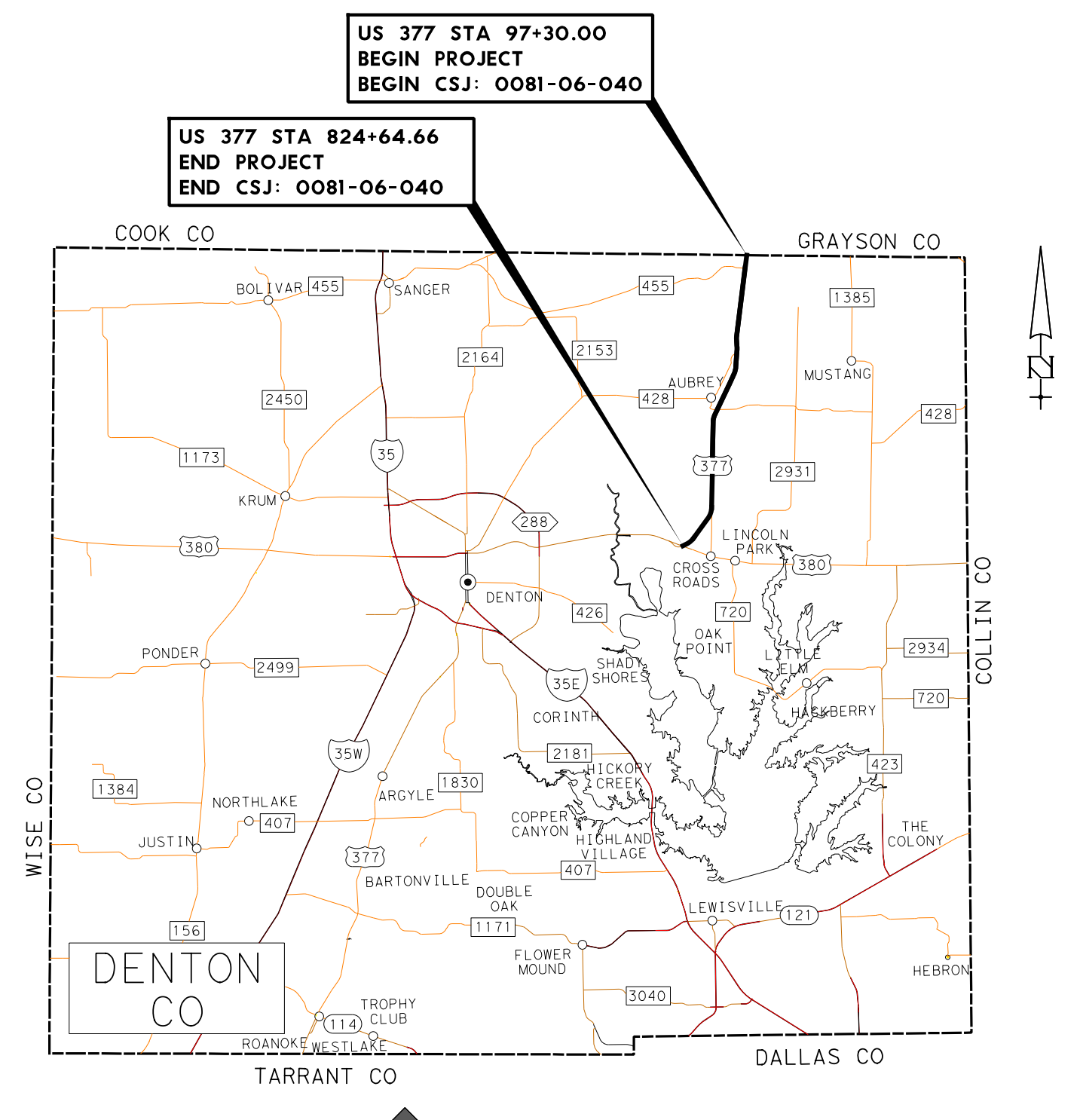
INTERSECTING STREETS	30 MPH	MINOR ARTERIAL
INTERSECTING STREETS	30 MPH	MAJOR COLLECTOR
INTERSECTING STREETS	30 MPH	LOCAL

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
BOLIVAR
SANGER
AUBREY
MUSTANG
FLOWER MOUND
TROPHY CLUB
ROANOKE
WESTLAKE
HEBRON
DENTON CO
TARRANT CO
DALLAS CO
COLLIN CO
WISE CO
N

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

Dustin C. Ogle
91101
7/31/2020
Dustin C. Ogle

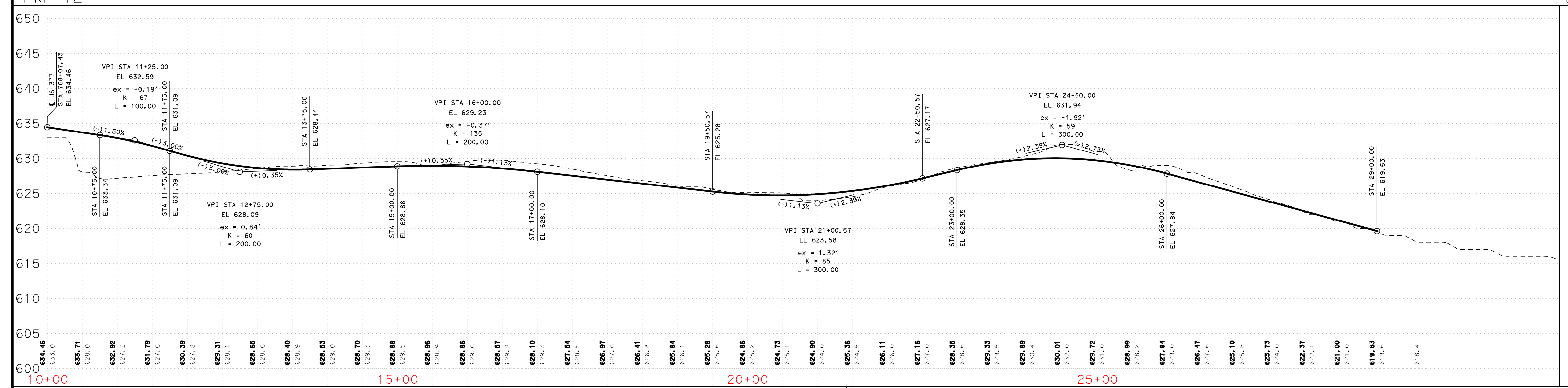
DATE APPROVED

ROLL 15 of 15

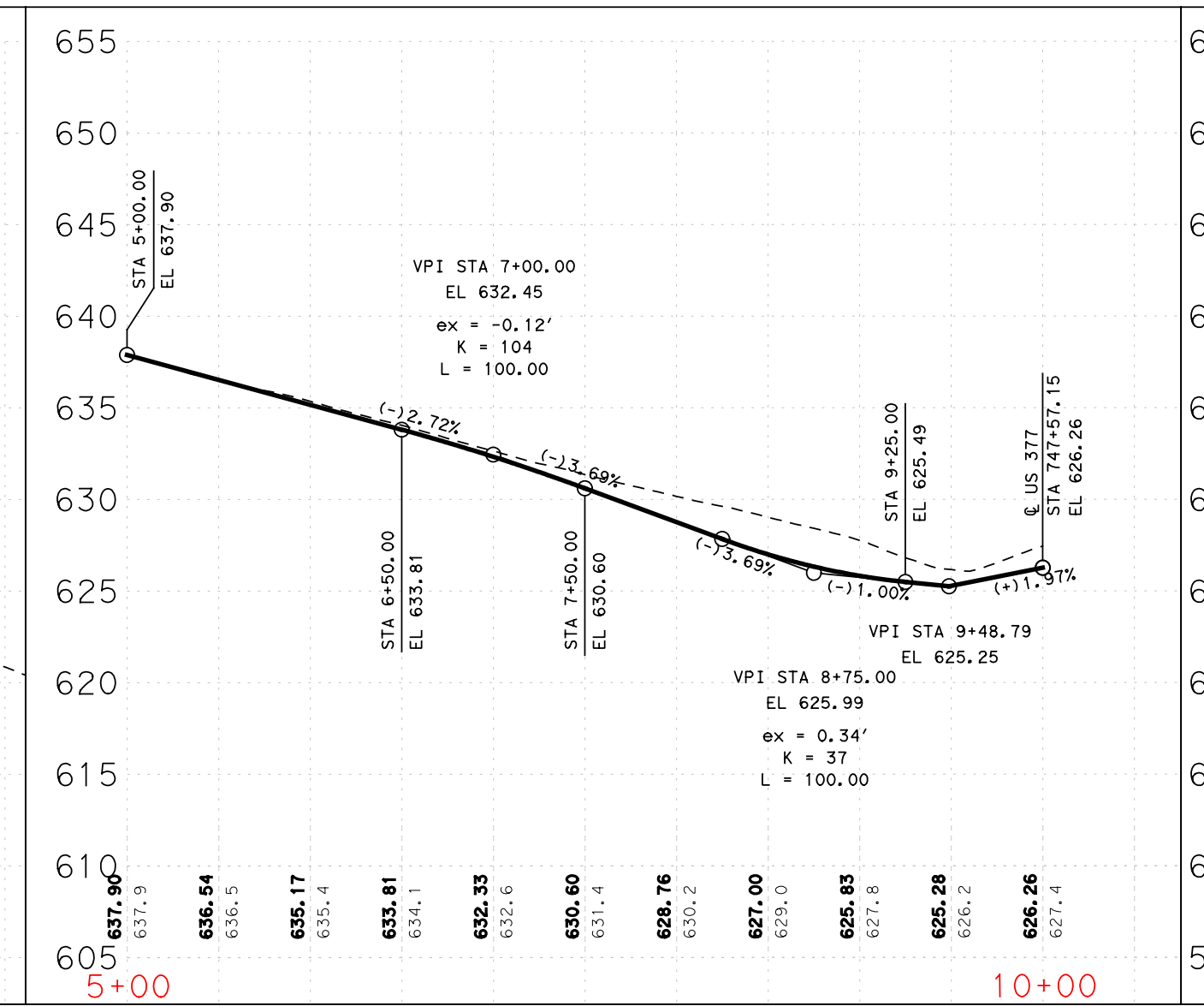
JULY 2020

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

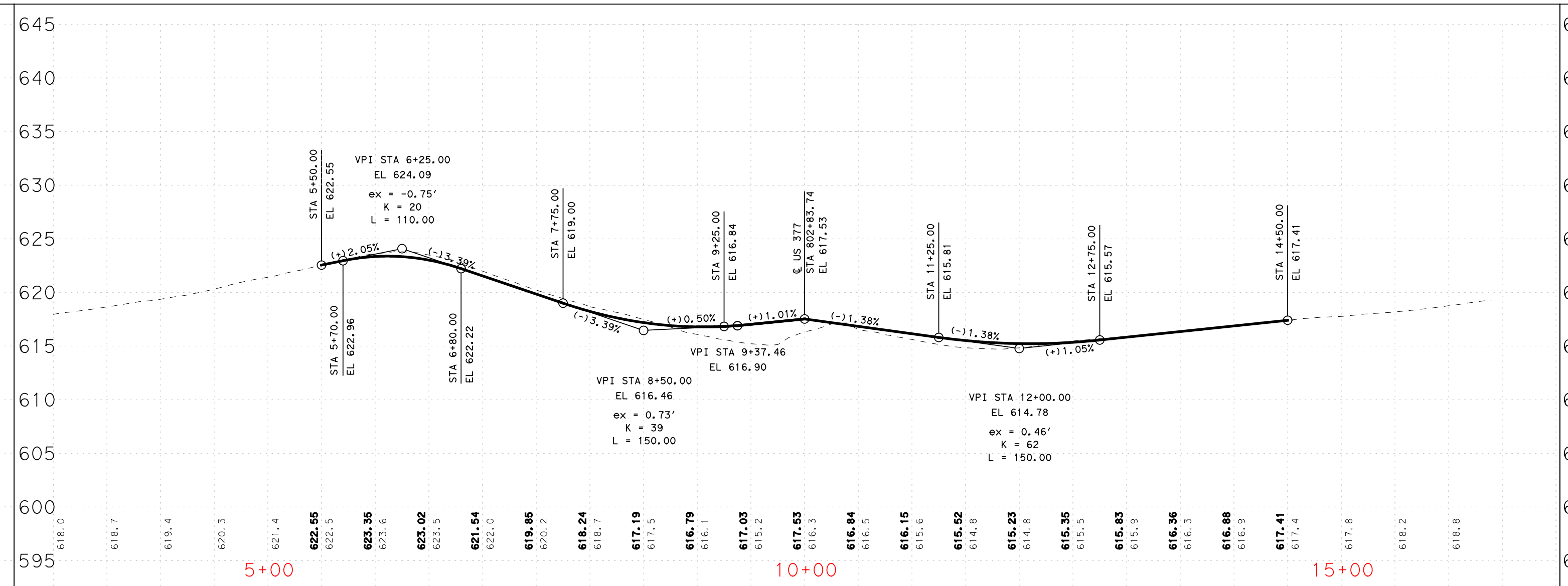
FM 424



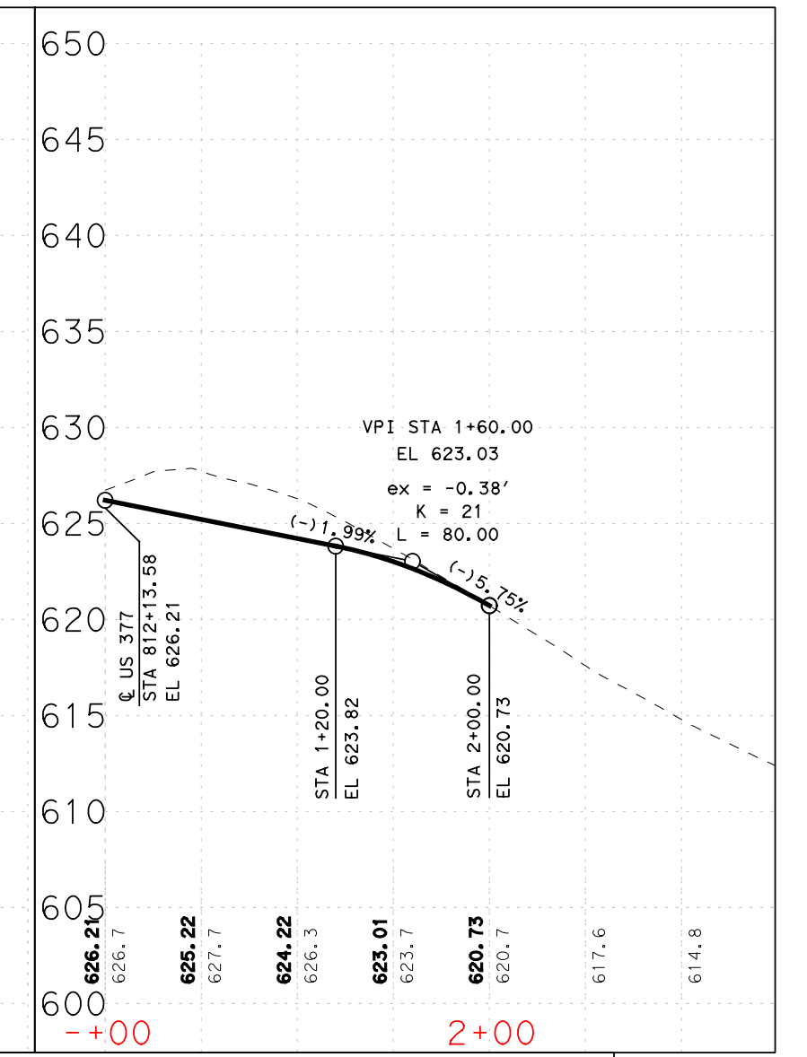
DR GRIFFIN RD



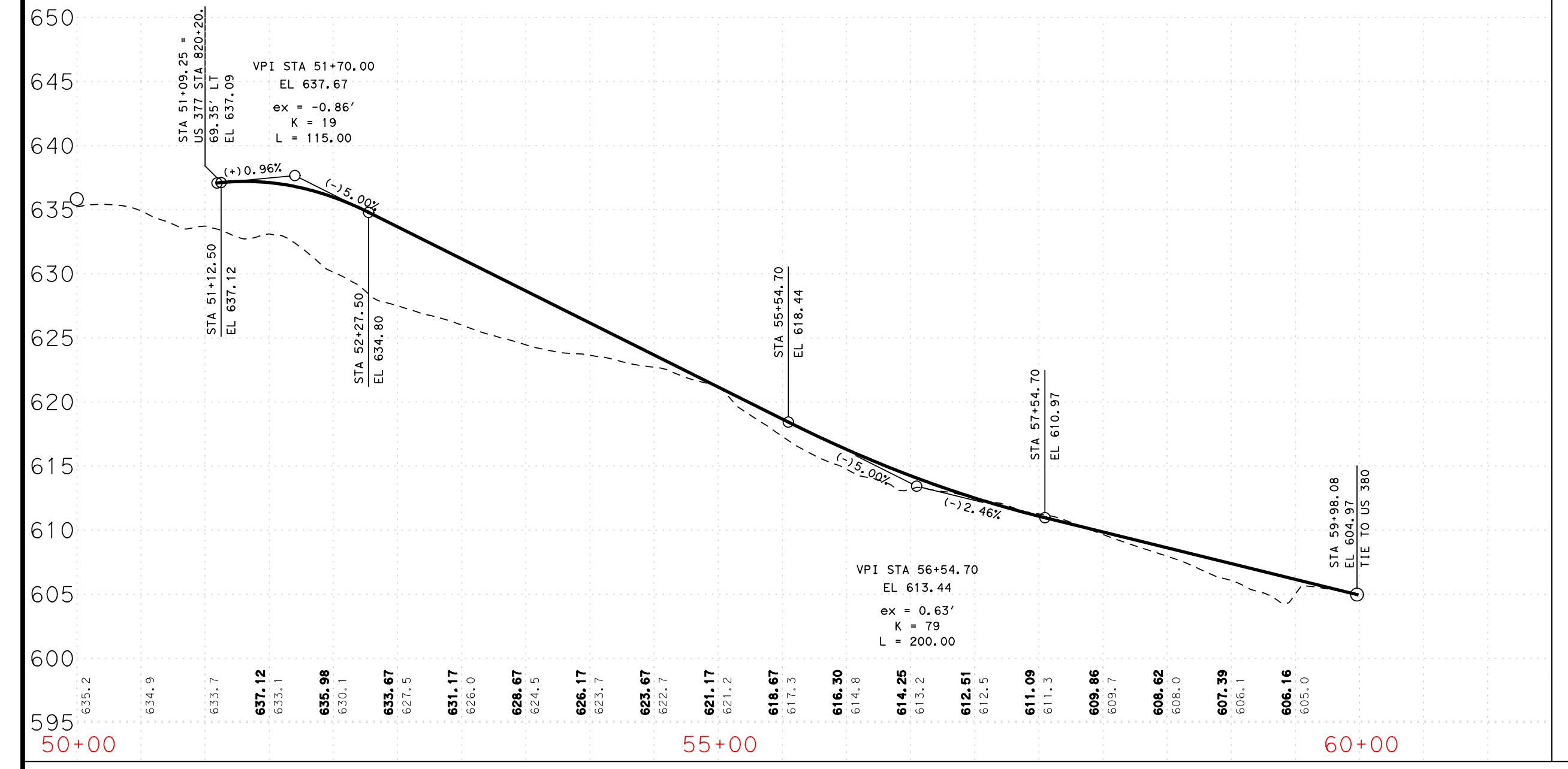
FISH TRAP RD



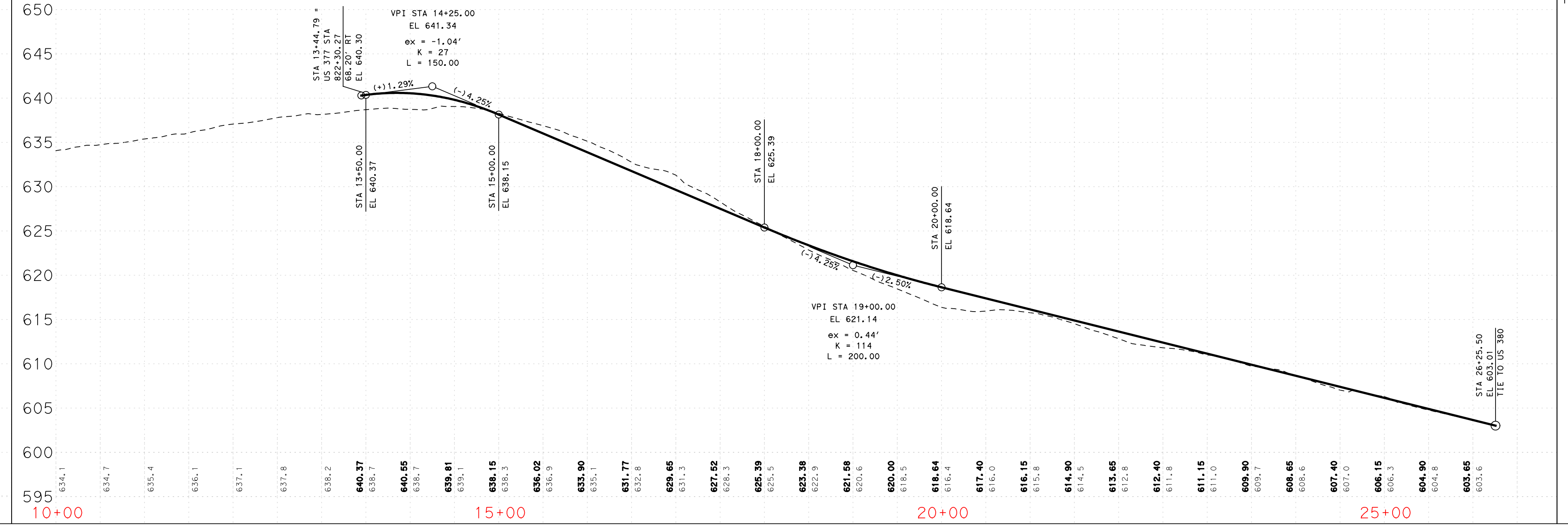
POTTER SHOP RD



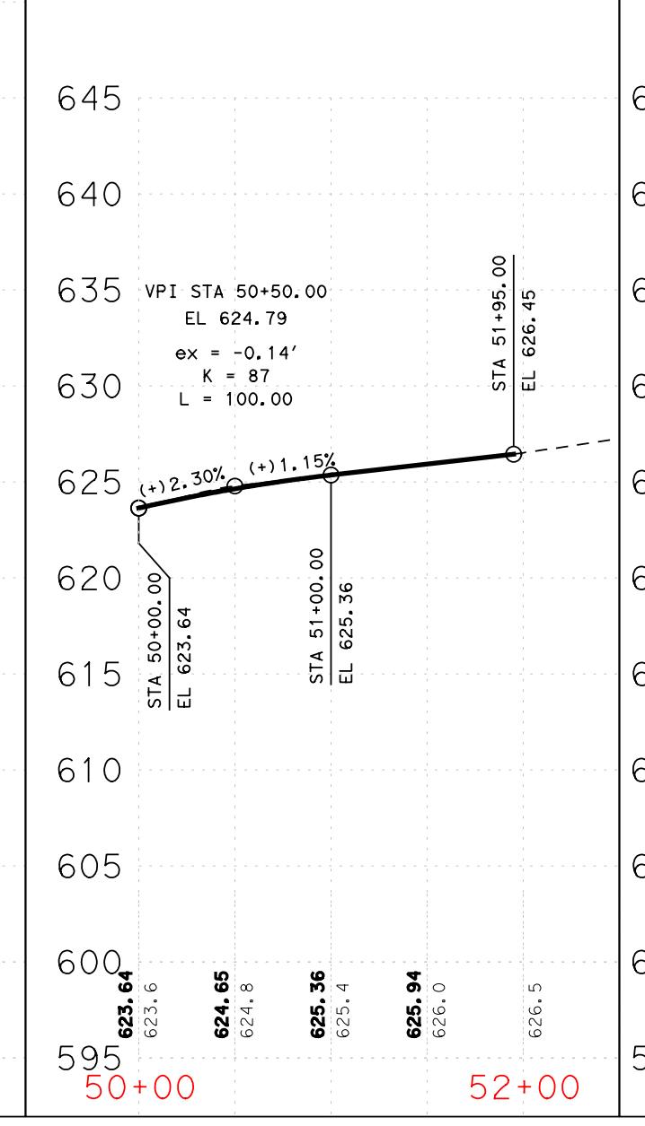
US 380 TO US 377 EXIT RAMP



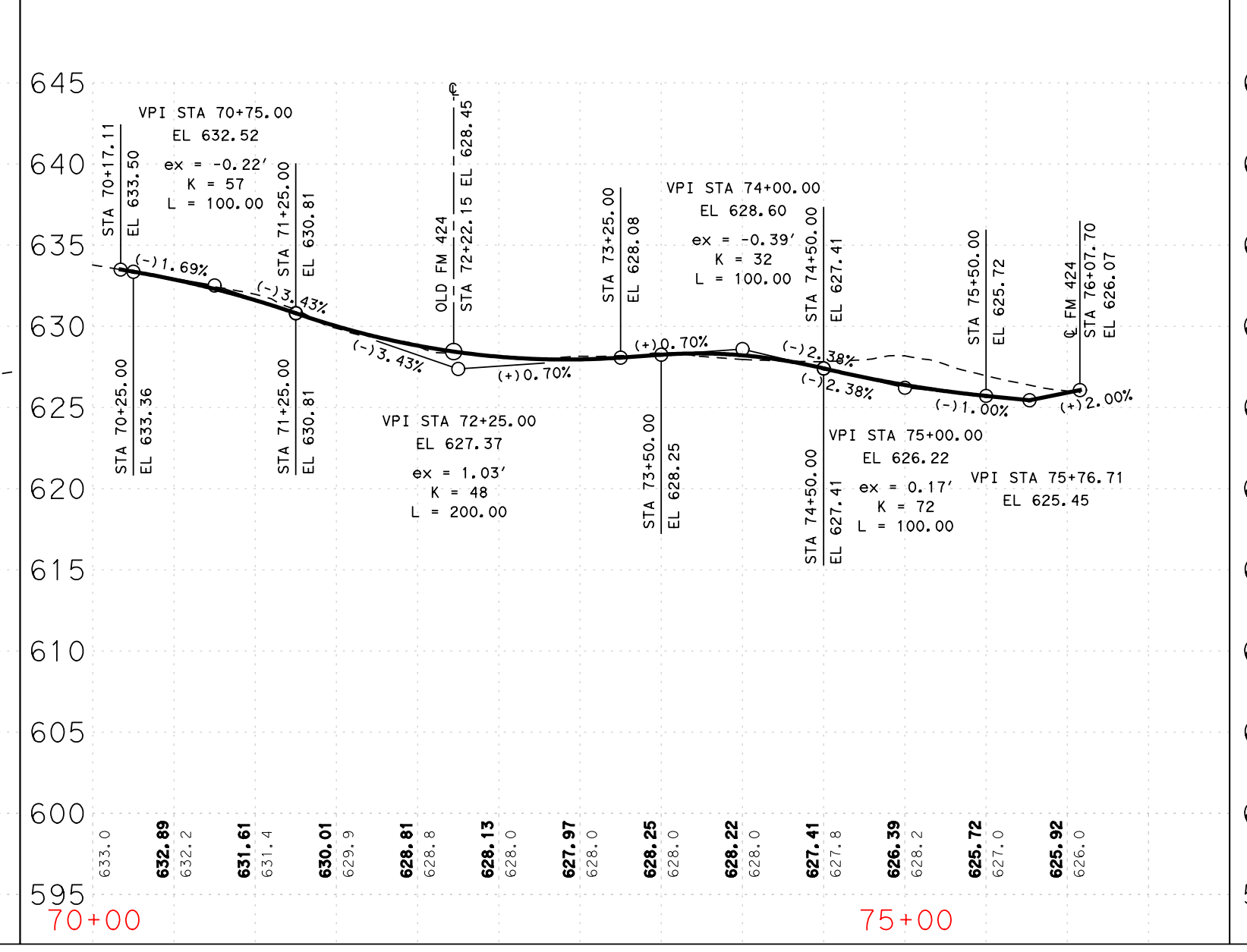
US 377 TO US 380 ENTRANCE RAMP



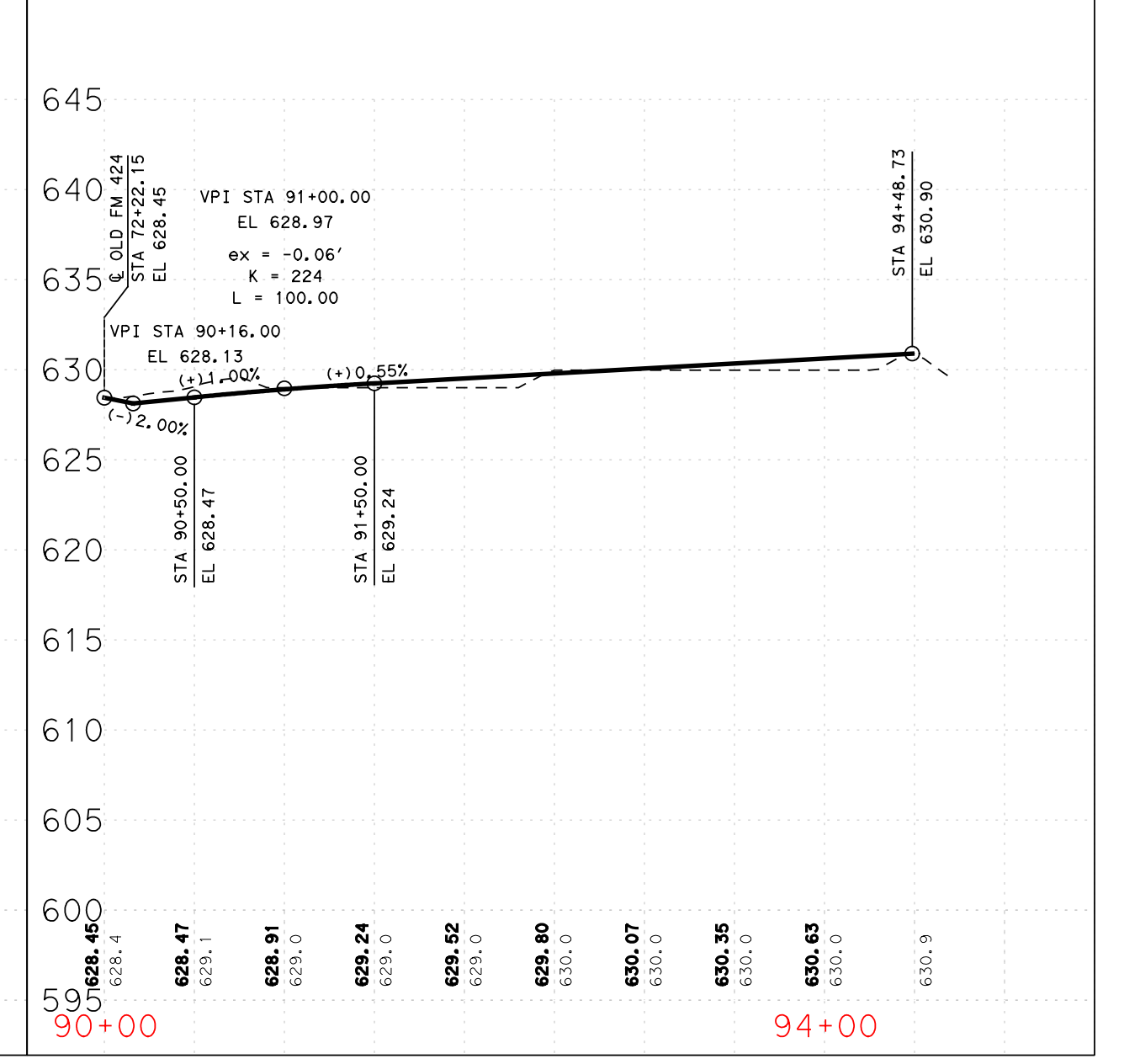
FM 424 CUL-DE-SAC

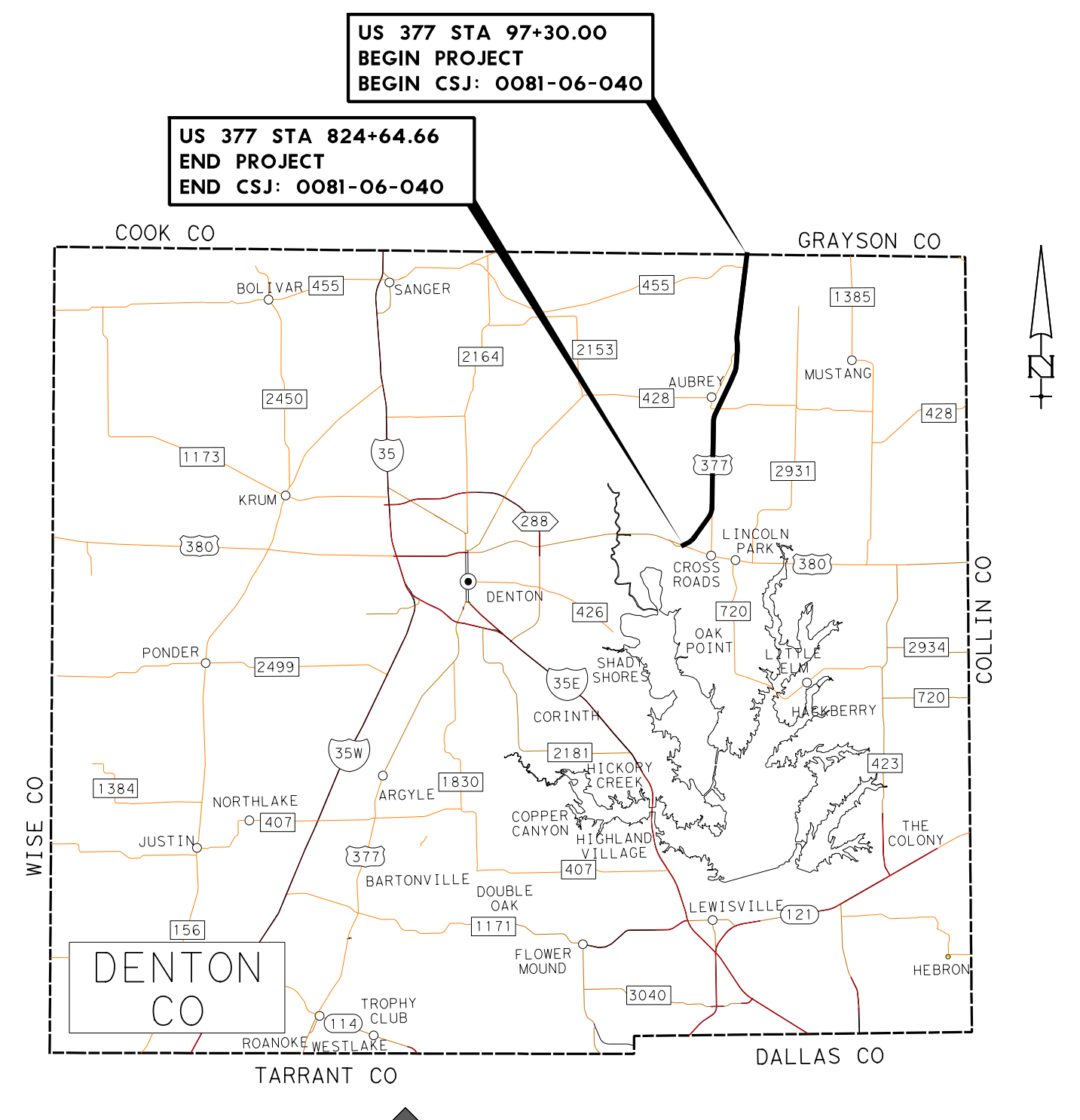


OLD FM 424



OLD FM 424 TIE-IN





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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
INTERSECTING STREETS 45 MPH PRINCIPAL ARTERIAL
INTERSECTING STREETS 30 MPH MINOR ARTERIAL
INTERSECTING STREETS 30 MPH MAJOR COLLECTOR
INTERSECTING STREETS 30 MPH LOCAL
PROJECT LOCATION
PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230
Dustin C. Ogle
91101
7/31/2020
DATE APPROVED
ROLL 15 of 15
JULY 2020
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET