Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
CESAON CLEMENS, P.E.
DISTRICT ENGINEER

US 380 PRINCETON
COLLIN COUNTY, TEXAS

PROJECT LIMITS: FROM FM 1827 TO CR 560
LENGTH: 3.0 MILES (FROM FM 1827 TO CR 560 ALIGNMENT)
MAINSTLT.M: =MLM1+38.07; MRSB=M3.48 (ALIGNMENT)

CSJ: 0135-03-056, 11.07 MI.
FROM FM 1827 TO 0.5 MI. NORTH OF PRINCETON DRIVE
CSJ: 0135-03-058, 10.57 MI.
FROM 0.5 MI. NORTH OF PRINCETON DRIVE
TO 0.5 MI. SOUTH OF PRINCETON DRIVE
CSJ: 0135-03-057, 0.5 MI.
FROM 0.5 MI. SOUTH OF PRINCETON DRIVE TO CR 560

PROJECT DATA		
US 380 MAINLANES	URBAN FREWAY	55 MPH
US 380 RAMPS	URBAN FREWAY	55 MPH
US 380 FRONTAGE	URBAN PRINCIPAL ARTERIAL	35 MPH
US 380 TRANSITION	URBAN PRINCIPAL ARTERIAL	35 MPH
US 380 TRANSITION	URBAN PRINCIPAL ARTERIAL	35 MPH
FM 1827	URBAN MAJOR COLLECTOR	35 MPH
PRINCETON PARKWAY FROM FM 1827 TO PRINCETON DRIVE/PRINCETON PARKWAY	URBAN MAJOR COLLECTOR	35 MPH
PRINCETON DRIVE	URBAN MAJOR COLLECTOR	35 MPH
CR 560	URBAN MAJOR COLLECTOR	35 MPH
CR 560 FROM FM 1827 TO PRINCETON DRIVE	URBAN MAJOR COLLECTOR	35 MPH
PRINCETON DRIVE FROM CR 560 TO COUNTY LINE RD.	URBAN MAJOR COLLECTOR	35 MPH
COUNTY LINE RD.	URBAN LOCAL	25 MPH
CR 560	URBAN LOCAL	25 MPH
NOTE: DESIGN SPEED SHOWN ABOVE MAY DIFFER FROM SCHEMATIC TRAFFIC DATA		

ADT (2020) = 114,000
ADT (2040) = 174,000
ADT (2060) = 174,000

DESIGN: T = 8 % PASSENGER = 4.7
DHV = 11 %
D = 0.6
V = 60

SUBMITTED: TRAFFIC ANALYSIS & PROGRAMMING AND PLANNING DIVISION

SCALE: 1"=200' H, 1"=20' V DECEMBER 2023

LEGEND

EXISTING PAVEMENT	CATV/ SYSTEMS
PROPOSED PAVEMENT	ELECTRIC
PROPOSED BRIDGE	ELECTRIC TOWER
PROPOSED MECHLINES	ELECTRIC VAULT
PROPOSED RAMPS	ELECTRIC WIRE
PROPOSED FRONTAGE ROAD	ELECTRIC WOOD
PROPOSED DRIVEWAY/REPLACEMENT	ELECTRIC TEMP
PROPOSED CURB & GUTTER	ELECTRIC TOWER
PROPOSED SHARED USE PATH	ELECTRIC VAULT
PROPOSED CONCRETE PAVEMENT	ELECTRIC WIRE
PROPOSED CONCRETE PATHWAY	ELECTRIC WOOD
PROPOSED RIPRAP	FIBER OPTIC SYSTEM
PAVEMENT/BRIDGE REMOVAL	FIBER OPTIC GUIDELINE
100-YR FLOOD PLAIN	FIBER OPTIC TEMP
500-YR FLOOD PLAIN	FIBER OPTIC WIRE
LINE	FIBER OPTIC WOOD
WETLANDS	GAS SYSTEMS
EXISTING SIGNAL	GAS VALVE
PARCEL LINE	GAS WELL
EXISTING DIRECTION OF TRAVEL	GAS WOOD
PROPOSED DIRECTION OF TRAVEL	GAS TEMP
EXISTING PROPERTY LINETS	GAS WIRE
PROPOSED PROPERTY LINETS	GAS WOOD
EXISTING EASEMENT	TELEPHONE ATT
PROPOSED EASEMENT (GRADE)	TELEPHONE ATT IN CONDRUCTLE
EXISTING CULVERT	TELEPHONE CITY OF PRINCETON
PROPOSED CULVERT	TELEPHONE CITY OF PRINCETON
EXISTING CULVERT CROSSING	WATER CULLIN WSC
PROPOSED CULVERT CROSSING	WATER CULLIN WSC
PROPOSED SOLDIER PILE WALL	WATER CITY OF PRINCETON
PROPOSED SOLDIER PILE WALL	WATER CITY OF PRINCETON
PROPOSED SOLDIER PILE WALL	WATER NORTH COLLINS SUD
EXISTING WATER LINE	WATER TEMP
PROPOSED WATER LINE	WATER CITY OF PRINCETON
EXISTING SIGN	
PROPOSED SIGN	

ROLL 3 OF 13

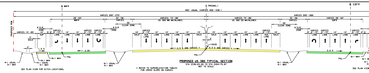
END: CSJ: 0135-03-056
STA: 1+00 (FM 1827)
END: CSJ: 0135-04-058
STA: 1+00 (0.5 MI. NORTH OF PRINCETON DRIVE)
END: CSJ: 0135-04-057
STA: 1+00 (0.5 MI. SOUTH OF PRINCETON DRIVE)
END: CSJ: 0135-03-057
STA: 1+00 (CR 560)

LOCATION MAP (NTS)

THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE MINIMUM STANDARDS OF THE TEXAS BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

PREPARED BY AECOM 1701 NORTH COLLINS BLVD. SUITE 1600 RICHARDSON, TEXAS 75080

AECOM

DISTRICT: DALLAS
DATE: DECEMBER 2023

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FOOS DESIGN SCHEMATIC