Texas Department of Transportation

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DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

FM 663
60% DESIGN SCHEMATIC

ELLIS COUNTY, TEXAS
FM 663 FROM FM 875 TO US 287
CSJ: 0815-08-040
LENGTH: 3.48 MILES
DATED: APRIL 2025

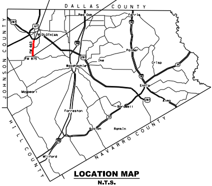
ROADWAY	DESIGN SPEED	FUNCTIONAL CLASSIFICATION
FM 663	45 MPH	MINOR ARTERIAL
FM 875	45 MPH	MAJOR COLLECTOR
US 287 EB FR	40 MPH	PRINCIPAL ARTERIAL
LOCAL STREETS	30 MPH	LOCAL

TXDOT RDM (2024) CHAPTER 4 BASIC DESIGN CRITERIA
(LEVEL TERRAIN)

INDEX OF SHEETS

ROLL 1 OF 4 PLAN AND PROFILE VIEW STA 13+09.02 TO STA 80+00
ROLL 2 OF 4 PLAN AND PROFILE VIEW STA 80+00 TO STA 150+00
ROLL 3 OF 4 PLAN AND PROFILE VIEW STA 150+00 TO STA 196+90.07
ROLL 4 OF 4 SUPPLEMENTAL SIDE STREET PROFILES

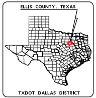
ROLL 4 OF 4


DALLAS COUNTY
JOHNSON COUNTY
HILL COUNTY
NAVARRO COUNTY
287
67
MIDLOTHIAN
FM 663
FM 875
Red Oak
Ferris
45
35E
Palmer
287
Ike
Waxahachie
Crisp
34
Ennis
Maypearl
Bardwell
Alma
Forreston
34
Avalon
Rankin
35E
Milford

END PROJECT
FM 663 STA. 196+90.07
MATCH EXIST.

BEGIN PROJECT
FM 663 STA. 13+09.02
MATCH EXIST.

LOCATION MAP
N.T.S.


ELLIS COUNTY, TEXAS
TXDOT DALLAS DISTRICT

TEXAS COUNTY MAP
N.T.S.

LEGEND

- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING LANDSCAPE EASEMENT BY OTHERS
- CENTERLINE
- PARCEL LINE
- CITY/COUNTY BOUNDARY LINE
- PROPOSED DRAINAGE STRUCTURE
- DIRECTION OF FLOW
- EXISTING GAS LINE
- EXISTING TELEPHONE/CABLE/FIBER LINE
- EXISTING ELECTRIC LINE
- EXISTING PETROLEUM LINE
- EXISTING SANITARY SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING OH ELECTRIC LINE
- LEVEL B - SUE
- LEVEL C - SUE
- LEVEL D - SUE
- 🟨 PROPOSED CONCRETE PAVEMENT
- PROPOSED DRIVEWAY
- PROPOSED SIDEWALK/SHARED USE PATH
- ADJACENT PROJECT - BY OTHERS
- 🟩 PROPOSED RAISED MEDIAN
- ← PROPOSED LANES
- # PARCEL IDENTIFYING NUMBER
- PROPOSED RETAINING WALL
- CURB WALL
- METAL BEAM GUARD FENCE (MBGF)
- POTENTIAL DISPLACEMENT
- PROPOSED RIP RAP
- EXISTING TRAFFIC SIGNAL

PRELIMINARY
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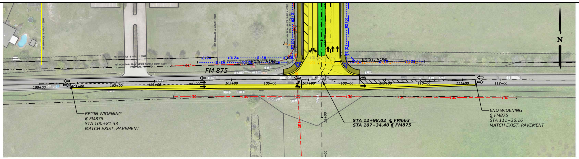
NAME	P.E. NO.	DATE
RANDY L GROS, PE	134559	4/28/2025

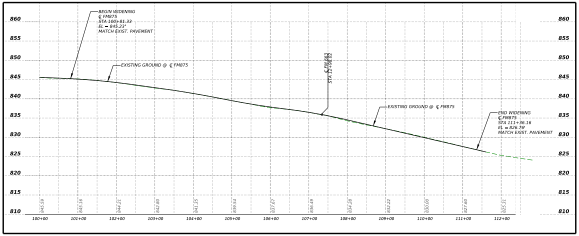
SCALE:
1" = 100' HORIZONTAL
1" = 10' VERTICAL

GARVER
3000 INTERNET BLVD.
SUITE 400
FRISCO, TX 75034

FIRM REGISTRATION NO. 5713


FM 875
EXIST. ROW
100+00
101+00
102+00
103+00
104+00
105+00
106+00
107+00
108+00
109+00
110+00
111+00
112+00
N
15' DRAINAGE & UTILITY ESMT.
15' MOUNTAIN PEAK WATER SUPPLY CORP. ESMT.
BEGIN WIDENING
℄ FM875
STA 100+81.33
MATCH EXIST. PAVEMENT
STA 12+98.02 ℄ FM663 =
STA 107+34.40 ℄ FM875
END WIDENING
℄ FM875
STA 111+36.16
MATCH EXIST. PAVEMENT

FM 875



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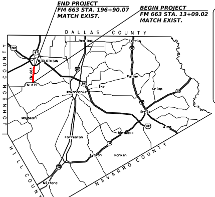
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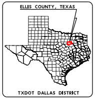
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— · · —	EXISTING RIGHT OF WAY LINE	🟨	PROPOSED CONCRETE PAVEMENT
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— · · —	EXISTING LANDSCAPE EASEMENT BY OTHERS	▬	PROPOSED SIDEWALK/SHARED USE PATH
— · —	CENTERLINE	🟧	ADJACENT PROJECT - BY OTHERS
——	PARCEL LINE	🟩	PROPOSED RAISED MEDIAN
— — —	CITY/COUNTY BOUNDARY LINE	←	PROPOSED LANES
▦	PROPOSED DRAINAGE STRUCTURE	(#)	PARCEL IDENTIFYING NUMBER
◀∼	DIRECTION OF FLOW	——	PROPOSED RETAINING WALL
— G —	EXISTING GAS LINE	▬	CURB WALL
- - C - -	EXISTING TELEPHONE/CABLE/FIBER LINE	▬	METAL BEAM GUARD FENCE (MBGF)
— E —	EXISTING ELECTRIC LINE	▨	POTENTIAL DISPLACEMENT
- · PL · -	EXISTING PETROLEUM LINE	▨	PROPOSED RIP RAP
— WW —	EXISTING SANITARY SEWER LINE	🚦	EXISTING TRAFFIC SIGNAL
- - SD - -	EXISTING STORM DRAIN LINE		
- · W · -	EXISTING WATER LINE		
— OH —	EXISTING OH ELECTRIC LINE		
— x —	LEVEL B - SUE		
—☒—	LEVEL C - SUE		
—(x)—	LEVEL D - SUE		

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