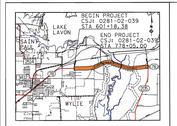

DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
COLLIN COUNTY
SH 78
FROM SPRING CREEK PARKWAY
TO SH 205
PROJECT LENGTH: 5.350 MILES
CSJ: 0281-02-039
ROLL 1 OF 2

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FUNCTIONAL CLASSIFICATION: URBAN PRINCIPAL ARTERIAL

DESIGN SPEED: 45 mph

AVERAGE DAILY TRAFFIC

YEAR	2006	2026
ADT	17,900	34,550

0 50 100 150 250
SCALE: 1"=100' H
1"=10' V

PLAN LEGEND
- PROPOSED SH 78 NE. FACE OF CURB
- EXISTING TOPOGRAPHY
- EXISTING SH 78 ROW
- PROPOSED SH 78 ROW
- EXISTING RAILROAD ROW
- PROPOSED ROW
- EXISTING DRAINAGE STRUCTURES
- PROPOSED DRAINAGE STRUCTURES
- DIRECTION OF DRAINAGE
- LANE DIRECTION
- PROPOSED CONCRETE PAVEMENT
- PROPOSED DRIVEWAY
- PROPOSED GRASS MEDIAN
- PROPOSED BRIDGE
- PROPOSED ASPH/ CONC PAVEMENT

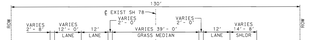
PROFILE LEGEND
- SH 78 PROFILE GRADE LINE
- EXISTING GROUND AT CENTERLINE
- EXISTING GROUND AT LEFT ROW
- EXISTING GROUND AT RIGHT ROW
- EXISTING DRAINAGE STRUCTURES
- PROPOSED DRAINAGE STRUCTURE

APRIL 2007

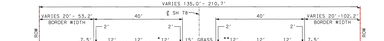
NOT A BIDDING DOCUMENT

MELISSA D. JAYSEK, P.E.
117A, LIC 65957
DATE

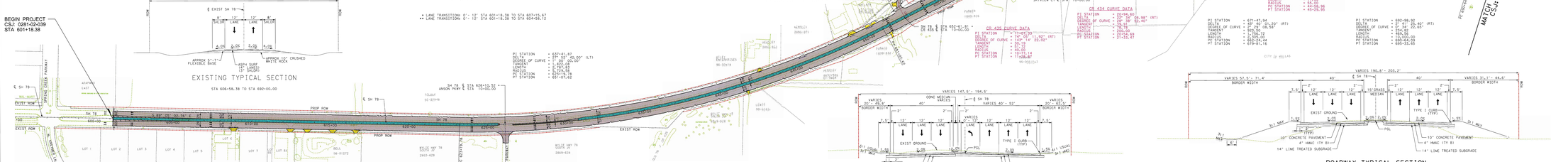
Edwards AND Kelcey
3010 BRIARPARK DRIVE SUITE 200 HOUSTON, TEXAS 77042
(713) 474-4000 / www.ekcorp.com



ROADWAY TYPICAL SECTION
STA 601+18.38 TO STA 628+10.52
STA 631+03.14 TO STA 695+55.86



• LANE TRANSITIONS: 0' - 12' STA 601+18.38 TO STA 607+15.67
•• LANE TRANSITIONS: 0' - 12' STA 601+18.38 TO STA 604+58.72

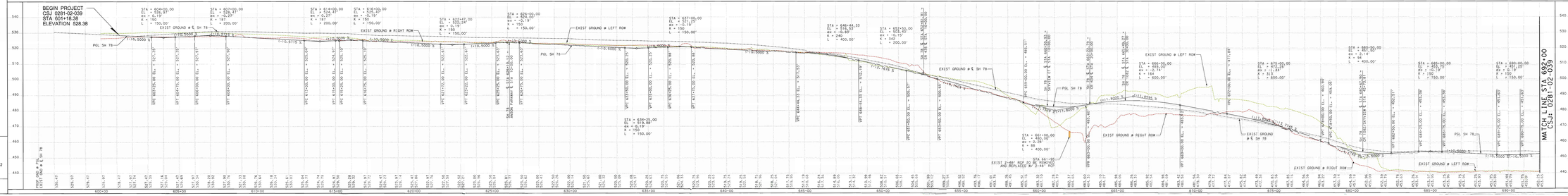


ROADWAY TYPICAL SECTION
STA 626+10.52 TO STA 631+03.14
STA 680+47.90 TO STA 684+56.47

ROADWAY TYPICAL SECTION
STA 655+55.85 TO STA 660+50.93
STA 675+80.62 TO STA 680+47.90

ROADWAY TYPICAL SECTION
STA 660+50.93 TO STA 675+80.62
STA 685+54.41 TO STA 692+00.00

NOTE:
LOCATION OF ADDITIONAL MEDIAN OPENINGS WILL BE DETERMINED DURING DESIGN IN COORDINATION WITH LOCAL GOVERNMENT AGENCIES.



BEGIN PROJECT
CSJ: 0281-02-039
STA 601+18.38
LAKE LAVON
WYLIE
VICINITY MAP
N.T.S.

DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

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