**Texas Department of Transportation**

© 2020 Texas Department of Transportation; all rights reserved

DALLAS DISTRICT

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

# DESIGN SCHEMATIC SH 5

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

## COLLIN COUNTY

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

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

PROJECT LENGTH

7.21 MI

CSJ LIMITS

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

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

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

END PROJECT
CSJ: 0047-05-054
SH 5 STA 391+00.00

END PROJECT
CSJ: 0047-09-034
CSJ: 0364-04-049
BEGIN PROJECT
CSJ: 0047-05-054
SH 5 STA 61+35.60
SS399 STA 1054+87.48

BEGIN PROJECT
CSJ: 0364-04-049
SS399 STA 1025+00.00

BEGIN PROJECT
CSJ: 0047-09-034
SH 5 STA 10+28.73

LOCATION MAP: NTS

APRIL 3, 2020

PRELIMINARY
FOR INTERIM REVIEW ONLY.
NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
Prepared by or under the Direct Supervision of
OSWALD F. GARCIA P.E. 109889
4/3/2020

INDEX OF ROLLS


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



Moreno Cardenas Inc.
Leaders in Project Delivery & Performance
TBPE Firm Registration No. F-000554

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


PLAN & PROFILE

SH 5

STA 10+28.73 TO STA 45+00

STA 70+33.69 TO STA 95+00

ROLL 1 OF 10 ROLLS

| DESIGNED BY: | FED. RD. DIV. NO. | FEDERAL AID PROJECT NO. | | | ROLL NO. |
|---|---|---|---|---|---|
| MCI | 6 | XX (XX) XXXX | | | S-001 |
| DRAWN BY: | STATE | DIST. | | COUNTY | |
| MCI | TEXAS | DAL | | COLLIN | |
| CHECKED BY: | CONT | SEC | | JOB | HIGHWAY NO. |
| MCI | 0047 | 05 | | 054, etc. | SH 5 |

DATE: 4/3/2020
FILE: ...\d0684835\5RPP10*S101.dgn
ROLLPLOT - V8i*BAKER*WIN*CO*PDF.pltcfg
TIME: 12:57:49 PM
PEN TABLE - SH5*TxDOT*McKinney*Schematic.tbl

Texas Department of Transportation
DALLAS DISTRICT
MOHAMED K. BUR, P.E.
DISTRICT ENGINEER
DESIGN SCHEMATIC SH 5
FROM: SOUTH OF FM 1378 TO: SOUTH OF CR 275
COLLIN COUNTY
APRIL 3, 2020
PLAN & PROFILE
SH 5
STA 10+28.73 TO STA 45+00
STA 70+33.69 TO STA 95+00
S-001