Texas Department of Transportation
DALLAS DISTRICT
MOHAMED "MO" K. BUR, P.E. DISTRICT ENGINEER

# 100% DESIGN SCHEMATIC
# SL 12 - SS 482

NET LENGTH OF PROJECT = 0.46 MI

CSJ: 0581-03-124, ETC.

SL 12 - FROM: AT SH 183
TO:

SS 482 - FROM: AT SH 114 AND SH 183
TO:

Dallas County
HIGHWAY CLASSIFICATION
URBAN FREEWAY

MARCH 2019

## Design Speeds

- (E) MPH MAIN LANES (E = EXISTING, N = NEW)
- (E) MPH MAIN LANES (E = EXISTING, N = NEW)
- (E) MPH MAIN LANES (SPUR 482)
- (E) MPH CROSS STREETS
- (E) MPH ALL RAMPS (CONNECTIONS EXCEPT NOTED BELOW)
- (E) MPH DIRECT CONNECTOR (E SHIELD TO 1ST LOOP D)
- (E) MPH DIRECT CONNECTOR (E SHIELD TO 1ST LOOP D)
- (E) MPH CROSS STREETS (LOCAL: GRAUNLYER RD, MARYLAND DR.)
- (E) MPH GY TURNS

## AVERAGE DAILY TRAFFIC 2019 (2039)

| | |
|---|---|
| SPUR 482 | 19,000 (28,000) |
| SH 183 | 45,000 (55,000) |
| SH 114 | 75,000 (87,000) |

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Roll: 4 of 9

BRIDGEFARMER & ASSOCIATES, INC.
TBPE FIRM F-3199 TBPLS FIRM 10194
2350 VALLEY VIEW LANE
DALLAS, TEXAS 75234
TEL: (972) 231-8800 FAX: (972) 231-5900

THESE DOCUMENTS ARE NOT INTENDED FOR PERMIT, BIDDING OR CONSTRUCTION PURPOSES UNLESS THEY BEARE THE ORIGINAL SEALS AND SIGNATURES.

NAME: DAMIRUK UZAD
P.E. NO.: 99982
DATE: 3/22/2019

DATE APPROVED: _____

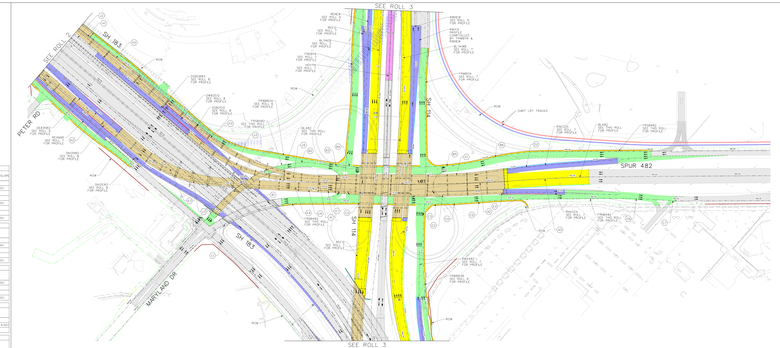
N

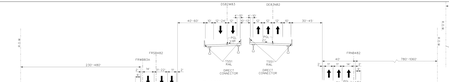
## LEGEND

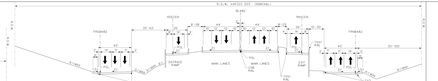
- EXISTING PAVEMENT
- PROPOSED MAINLANES (HOV)
- PROPOSED RAMPS
- PROPOSED MAINLANES (GENERAL PURPOSE LANES)
- PROPOSED FRONTAGE ROAD (COLLECTOR ROAD)
- PROPOSED FRONTAGE ROAD (COLLECTOR ROAD)
- PROPOSED SIDEWALK
- PROPOSED HOT MIX ASPHALT PAVEMENT
- RIGHT OF WAY
- PROPOSED RIGHT OF WAYS
- PROPOSED CENTERLINE OF BASELINE
- PROPOSED CURB RAMPS
- DIRECTION OF TRAFFIC
- CURVE NO.
- EMPT LEFT TRACKS

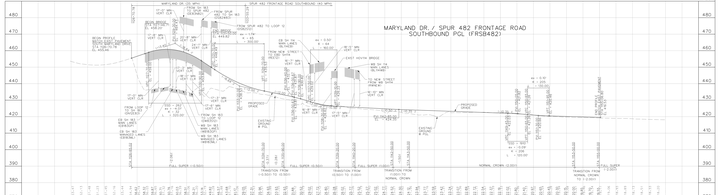
## SLOPE TRANSITION DATA

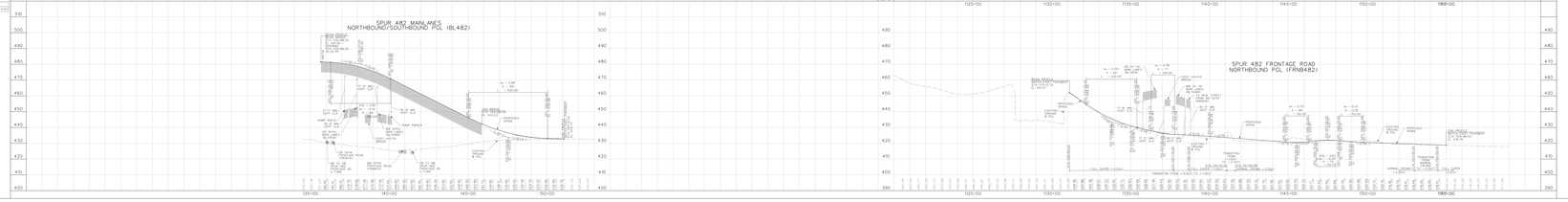
| Spur 482 (BEFR Alternat Conn. 2.00%) | | | | |
|---|---|---|---|---|
| CURVE No. | TRANSITION LENGTH (ABS) | BEG. STA. | END. STA. | CROSS SLOPE |
| | 100.00 | 1+00.00+00 | 2+00.00+00 | |
| Tie with SH 183 NBFR | 100.00 | 1+00.00+00 | 2+00.00+00 | 0.020 |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| Tie with SH 114 FR | 100.00 | 1+00.00+00 | 1+00.00+00 | -.0200 |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| Match Existing | 100.00 | 1+00.00+00 | 1+00.00+00 | -0.0200 |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| Spur 482 (BEFR Alternat Conn. 2.00%) | | | | |
| CURVE No. | TRANSITION LENGTH (ABS) | BEG. STA. | END. STA. | |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| Tie with SH 114 FR | 100.00 | 1+00.00+00 | 1+00.00+00 | -.0200 |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| Match Existing | 100.00 | 1+00.00+00 | 1+00.00+00 | 0.0200 |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| SNOWMO (Normal Cross 2.0%) | | | | |
| CURVE No. | TRANSITION LENGTH (ABS) | BEG. STA. | END. STA. | |
| Tie with SNOEB3 | 100.00 | 1+00.00+00 | 1+00.00+00 | -0.020 |
| | 100.00 | 1+00.00+00 | 1+00.00+00 | |
| SNOWMO-D | 270 | 1001+00.00 | 1004+40.00 | -0.020 |
| | 270 | 1001+00.00 | 1004+70.00 | |
| SNOWMO (Normal Cross 2.0%) | | | | |
| CURVE No. | TRANSITION LENGTH (ABS) | BEG. STA. | END. STA. | |
| SNOWMO-E | 100.00 | 1004+00.00 | 1005+00.00 | 0.020 |
| | 100.00 | 1004+00.00 | 1005+00.00 | |
| SNOWMO-D | 270 | 1001+00.00 | 1004+40.00 | 0.020 |
| | 270 | 1001+00.00 | 1004+70.00 | |
| SNOEB3 (Normal Cross 2.0%) | | | | |
| CURVE No. | TRANSITION LENGTH (ABS) | BEG. STA. | END. STA. | |
| SNOEB3-D | 100.00 | 1004+00.00 | 1005+00.00 | 0.020 |
| | 100.00 | 1004+00.00 | 1005+00.00 | |




## CURVE DATA

| STREET NAME | CURVE NO. | DELTA | DEGREE | TANGENT | LENGTH | RADIUS | PI STATION | PC STATION | PT STATION |
|---|---|---|---|---|---|---|---|---|---|
| SPUR 482 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| FRONTAGE RD. SB SPUR 482 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 4 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| FRONTAGE RD. NB SPUR 482 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 4 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| SPUR 482 SB OUTBOUND FRONTAGE ROAD | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| SPUR 482 SB TO SH 183 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 4 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| SB SPUR 482 SB TO SH 183 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 4 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| SB SH 183 TO SB SPUR 482 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 4 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| SB LOOP D SB TO SPUR 482 | 1 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 2 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 3 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |
| | 4 | 0.00°00'00" | 0.00°00'00" | 0.00 | 0.00 | 0.00 | 1+00.00 | 1+00.00 | 1+00.00 |

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NAME: DAMIRUK UZAD
P.E. NO.: 99982
DATE: 3/22/2019

DATE APPROVED: _____

N

LEGEND

SLOPE TRANSITION DATA

CURVE DATA