**NTTA**
NORTH TEXAS TOLLWAY AUTHORITY
5900 W. Plano Pkwy, Plano, Texas 75093
Allen Clemson, Executive Director, NTTA

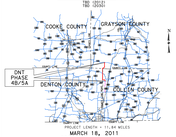
# DALLAS NORTH TOLLWAY EXTENSION

PHASE 4B / 5A
FROM FM 428 TO FM 121
DESIGN SCHEMATIC

DESIGN SPEED

FUNCTIONAL CLASS: URBAN TOLLWAY (FREEWAY)
DESIGN SPEED: 70 MPH (MAINLANES)
55 MPH (RAMPS)
40 MPH (CROSS STREETS)
* UNDER OPTIMIZATION NOTED ON PLANS

AVERAGE DAILY TRAFFIC




PROJECT LENGTH = 11.64 MILES

MARCH 18, 2011
PRE-FINAL SUBMITTAL

These documents are being provided and intended for Regulatory approval, Permit, Bidding or Construction purposes only unless signed by an HALFF representative.

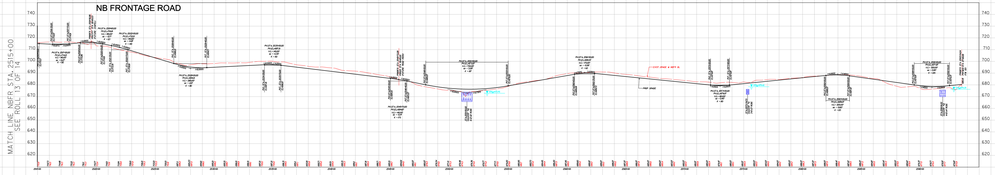
Bettina G. Carter, P.E. Date
Texas Bar No. 92001

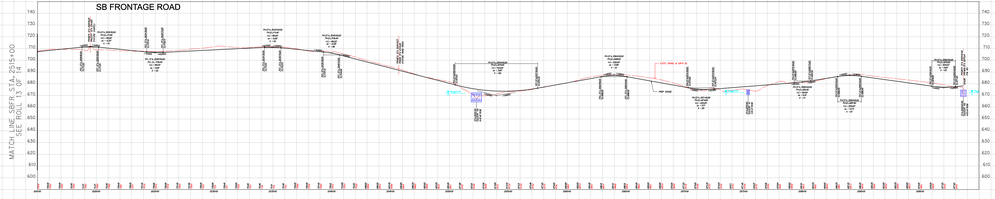
**HALFF**
SENIOR VICE PRESIDENT
8616 ROYAL RIDGE ROAD
RICHARDSON, TEXAS 75081-2275
PH 214.706.9500
FAX 214.706.9505

| DATE APPROVED | DESIGN SCHEMATIC NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES | DATE SUBMITTED |
|---|---|---|
| | PRELIMINARY<br>DRAFT SUBJECT TO CHANGE | |

ROLL 14 OF 14
SCALE: 1"=200'

© 2011 by North Texas Tollway Authority, Plano, Texas




**NTTA**
NORTH TEXAS TOLLWAY AUTHORITY
5900 W. Plano Pkwy, Plano, Texas 75093
Allen Clemson, Executive Director, NTTA

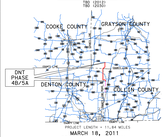
DALLAS NORTH TOLLWAY EXTENSION

PHASE 4B / 5A
FROM FM 428 TO FM 121
DESIGN SCHEMATIC

DESIGN SPEED

FUNCTIONAL CLASS: URBAN TOLLWAY (FREEWAY)
DESIGN SPEED: 70 MPH (MAINLANES)
55 MPH (RAMPS)
40 MPH (CROSS STREETS)
* UNDER OPTIMIZATION NOTED ON PLANS

AVERAGE DAILY TRAFFIC




PROJECT LENGTH = 11.64 MILES

MARCH 18, 2011
PRE-FINAL SUBMITTAL

These documents are being provided and intended for Regulatory approval, Permit, Bidding or Construction purposes only unless signed by an HALFF representative.

Bettina G. Carter, P.E. Date
Texas Bar No. 92001

HALFF
SENIOR VICE PRESIDENT
8616 ROYAL RIDGE ROAD
RICHARDSON, TEXAS 75081-2275
PH 214.706.9500
FAX 214.706.9505

DATE APPROVED | DESIGN SCHEMATIC NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES | DATE SUBMITTED

PRELIMINARY
DRAFT SUBJECT TO CHANGE

ROLL 14 OF 14
SCALE: 1"=200'

© 2011 by North Texas Tollway Authority, Plano, Texas