Texas Department of Transportation

Dallas District Design Schematic

William L. Hale, P.E., District Engineer

SH 66

Rockwall & Collin County

From: SH 205

To: FM 1777

Project Length: 10.24 Miles

Functional Class:

Urban Principal Arterial

CSJ's: 0009-04-060, etc.

Design Speeds

SH 66 Six-Lane Divided Arterial - 45 mph

SH 66 Four-Lane Divided Arterial - 40 mph

SH 66 Coupler Arterial - 35 mph

FM 1141 & FM 552 - 40 mph

FM 551 - 30 mph

Begin Project
SH 66 STA 0+00.00
SH 205 STA 1+00.00

End Project
SH 66 STA 555+00.00
FM 1777 STA 1+00.00

Roll 5 of 5

Scales
Horizontal 1"=200'
Vertical 1"=20'

JANUARY 2013
Roll 5 of 5

SCHEMATIC PREPARED BY:
HUITT-ZOLLARS, INC.
TEXAS REGISTERED ENGINEERING FIRM F-2300
FOR OFFICIAL REVIEW ONLY
NOT FOR CONSTRUCTION PURPOSES
SCHEMATIC COMPLETED ON
DATE
PROJECT ENGINEER
NAME P.E. NUMBER
DESIGNER
NAME P.E. NUMBER
ELLIS COUNTY

HUITT-ZOLLARS
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LEGEND

EXISTING PROPERTY LINE
EXISTING RIGHT-OF-WAY
EXISTING EASEMENT
EXISTING CENTERLINE
PROPOSED CENTERLINE
PROPOSED RIGHT-OF-WAY
EXISTING SH 66 CENTERLINE
EXISTING SH 66 R.O.W.
PROPOSED EASEMENT
EXISTING RETAINING WALL
PROPOSED RETAINING WALL
EXISTING CURB
PROPOSED CURB
EXISTING GUARDRAIL
PROPOSED GUARDRAIL
EXISTING TIE BRIDGES
PROPOSED TIE BRIDGES
EXISTING WATER LINE
EXISTING SEWER LINE
EXISTING STORM LINE
EXISTING TRANSMISSION LINE TOWER
EXISTING TRANSMISSION LINE TOWER
100 YR FLOOD PLAIN/FLOOD LIMITS
500 YR FLOOD PLAIN/FLOOD LIMITS (APPROXIMATE)
EXISTING METAL MBTA FENCE
EXISTING WOOD FENCE
EXISTING HISTORICAL MARKER
EXISTING CEMETERY
POTENTIAL HAZARDOUS PROPERTY (SEE NOTE 12)

NOTES

1. DIMENSIONS ARE BASED ON FINAL SURVEY DATA BY HALFF ASSOCIATES, INC. DATED 2012 AND ON AERIAL MAPPING BY AERO-METRIC, INC. DATED 2012.
2. TRAFFIC VOLUMES APPROVED BY TPP ON NOVEMBER 2, 2012.
3. ROADWAY AND BRIDGE DESIGN CRITERIA PER TXDOT 2006 ROADWAY DESIGN MANUAL.
4. ROADWAY AND BRIDGE DESIGN CRITERIA PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 5TH EDITION, 2010.
5. ALL DESIGN CONTROLS MEET MINIMUM AASHTO STANDARDS.
6. PROPOSED SH 66 UTILITIES TYPE 72 CURBS AND GUTTERS.
7. EXPOSED PIER TO BEAR A MINIMUM 2'-0" FROM FINISHED GROUND. PIER TO BE DESIGNED FOR LATERAL LOADS AT GROUND LINE.
8. PROPOSED CURB RADII SHOWN ARE BASED ON 12'TT CONCRETE PAVEMENT.
9. APPROPRIATE SIGHT DISTANCE CLEARANCES AND BASED UPON AASHTO GREEN BOOK CRITERIA.
10. THERE ARE NO KNOWN HISTORICAL OR CEMETERY SITES WITHIN THE PROJECT LIMITS. IF ANY ARE FOUND, THEY WILL BE PROTECTED AS REQUIRED BY LAW.
11. ACCESS TO EXISTING PROPERTIES WILL REMAIN AS IS.
12. POTENTIALLY HAZARDOUS PROPERTIES WERE IDENTIFIED IN ACCORDANCE WITH TXDOT GUIDELINES.

SCHEMATIC ROLL INDEX

ROLL 1: STA 10+00 TO 120+00

ROLL 2: STA 120+00 TO 227+00

ROLL 3: STA 227+00 TO 347+00

ROLL 4: STA 347+00 TO 459+00

ROLL 5: STA 459+00 TO 556+42

60% SUBMITTAL
Preliminary - Subject to change

EXISTING TYPICAL SECTIONS

PROPOSED TYPICAL SECTIONS

MATCH LINE STA 459+00.00 SHEET 4
MATCH LINE STA 459+00.00 SHEET 4 EXTENDED
NOTE: BRIDGE OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL OPENINGS TO BE DETERMINED AT THE PS&E PHASE OF THE PROJECT AND IN COORDINATION WITH LOCAL GOVERNMENTS.
NOTE: BRIDGE OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL OPENINGS TO BE DETERMINED AT THE PS&E PHASE OF THE PROJECT AND IN COORDINATION WITH LOCAL GOVERNMENTS.
NOTE: PROPOSED BUFFER STREET DESIGNATIONS DEVELOPED AND IMPLEMENTED BY ROYSE CITY.
ELLIS CAMPBELL GROUP
CITY PARK
CITY PARK
UPRC/KCSR RAILROAD
ELLIS CAMPBELL GROUP
ELEVATOR
ELEVATOR
ELEVATOR