



DESIGN SCHEMATIC

© 2003 **SH 160**

FROM: 0.3 MI NORTH OF CR 534
TO: SH 121

DALLAS DISTRICT CSJ 0410-03-014
JAY R. NELSON, PE COLLIN COUNTY
DISTRICT ENGINEER

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JAMSHID JAHANGIRI P.E.
56390
TEXAS REGISTRATION NUMBER
12-31-2002
DATE

REVISION

REVISION NO	DATE	DESCRIPTION	APPROVAL DATE

**SH 160
0.3 MI NORTH OF CR 534 TO SH 121
GEOMETRIC DESIGN CRITERIA**

DESIGN ELEMENTS	PROPOSED (SH 160)	PROPOSED (SH 121)
FUNCTIONAL CLASSIFICATION	RURAL MAJOR COLLECTOR	RURAL MAJOR COLLECTOR
DESIGN SPEED	60 MPH	60 MPH
MINIMUM CENTERLINE CURVE RADIUS	2210 FT	2735 FT
MAXIMUM GRADE	5%	5%
MINIMUM GRADE	0.5%	0.5%
K (SAG)	136	157
K (CREST)	151	193
TRAVEL LANES NUMBER/WIDTH	2 - 12'	2 - 12'
HORIZONTAL CLEARANCE	30'	30'
PAVEMENT CROSS SLOPE	2.00%	2.00%
SHOULDER WIDTH	10' - MAINLANE 2' - AC & DC LANES	10' - MAINLANE 2' - AC & DC LANES
MAXIMUM SUPERELEVATION RATE	6.00%	6.00%

LEGEND

- PROPOSED ALIGNMENT
- EXISTING ALIGNMENT
- EXISTING LANE DIRECTIONAL INDICATOR
- PROPOSED LANE DIRECTIONAL INDICATOR
- MAINLANES
- DRAINAGE STRUCTURES
- PROPOSED ROW
- EXISTING PRESCRIPTIVE ROW

