

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	KDOT: 87N-0160-01 FHWA: HPD-N016(001) City: 472-84071	2005		

# CITY OF WICHITA

## CENTRAL CORRIDOR RAILROAD GRADE SEPARATION 25TH STREET TO WATERMAN

### VOLUME 1 (Railroad)

FEDERAL AID PROJECT  
SEDGWICK COUNTY

PROJECT NUMBER  
KDOT: 87N-0160-01  
FHWA: HPD-N016(001)  
City: 472-84071  
City OCA: 715235

#### VOLUME 1

##### GENERAL

G1.1 to G1.2 General Notes  
G2.1 to G2.3 Recapitulation of Quantities

##### RAILROAD

R0.1 to R0.2 Construction Sequencing  
R1.1 to R1.39 Phase 1 Plans and Details  
R2.1 to R2.17 Phase 2 Plans and Details  
R3.1 to R3.32 Phase 3 Plans and Details  
R4.1 to R4.20 Phase 4 Plans and Details  
R5.1 to R5.17 Railroad Details  
R6.1 to R6.33 Phase 1 Cross Sections  
R7.1 to R7.37 Phase 2 Cross Sections  
R8.1 to R8.23 Phase 3 Cross Sections  
R9.1 to R9.34 Phase 4 Cross Sections

#### VOLUME 2

##### BRIDGE

B1.1 (NOT USED)  
B2.1 to B2.29 13th Street Bridge  
B3.1 to B3.28 Murdock Bridge  
B4.1 to B4.28 Central Bridge  
B5.1 to B5.29 2nd Street Bridge  
B6.1 to B6.29 1st Street Bridge  
B7.1 (NOT USED)  
B8.1 to B8.23 Douglas Avenue Bridge  
B9.1 to B9.4 11th Street Utility Protection

##### RETAINING WALL

W1.1 to W1.7 Wall Layout  
W2.1 to W2.26 Concrete Bin Wall and T-Wall Alternates  
W3.1 to W3.12 Temporary MSE Walls  
W4.1 to W4.24 Cast-in-Place Walls (sheets W4.2 through W4.6 DELETED)

#### VOLUME 3

##### STREET

S1.1 to S1.1 Construction Sequencing  
S2.1 to S2.5 Typical Sections  
S3.1 to S3.8 Cross Street Plan Sheets  
S4.1 to S4.19 Santa Fe Plan Sheets  
S5.1 to S5.5 Joint Layout  
S6.2 to S6.13 Misc. Details (S6.1 NOT USED)  
S7.1 (NOT USED)  
S8.1 to S8.10 Storm Sewer Plans  
S9.1 to S9.5 Sanitary Sewer Plans  
S10.1 to S10.9 Waterline Plans  
S11.2 to S11.5 UPRR Crossing Plans (S11.1 NOT USED)  
S12.1 to S12.5 Temporary Project Water Pollution Control  
S13.1 to S13.8 Signing and Marking Plans  
S14.1 to S14.6 Traffic Control Plans and Details  
S15.1 to S15.27 Cross Sections

##### LANDSCAPE

L1.00 to L1.23 Landscaping Layout  
L2.00 (NOT USED)  
L3.00 (NOT USED)  
L4.01 to L4.12 Street Lighting Plans and Details

##### ALTERNATE 1 - WHITE CONCRETE

WC1.1 Retaining Wall  
WC2.3; 2.6 13th Street Bridge  
WC3.3; 3.6 Murdock Bridge  
WC4.3; 4.6 Central Bridge  
WC5.3; 5.6 2nd Street Bridge  
WC6.3; 6.6 1st Street Bridge

##### ALTERNATE 2 /3

STEEL PIPE BOLLARDS/BRICK PAVERS

BPI.1 to BPI.6 PAVER LAYOUT

##### ALTERNATE 4 - LANDSCAPING

LS1.1 (NOT USED)  
LS2.1 to LS2.7 Planting Plan  
LS3.1 to LS3.15 Irrigation  
LS4.1 to LS4.3 Electrical

##### ALTERNATE 5 - BOLLARD LIGHTING

BL1.1 to BL1.7 Bollard Lighting Details  
BL2.1; 2.2; 2.3; 2.6; 2.9; 2.19; 2.20; 2.21; 2.22 13th Street Bridge  
BL3.1; 3.2; 3.3; 3.6; 3.9; 3.18; 3.19; 3.20; 3.21 Murdock Bridge  
BL4.1; 4.2; 4.3; 4.6; 4.9; 4.18; 4.19; 4.20; 4.21 Central Bridge  
BL5.1; 5.2; 5.3; 5.6; 5.9; 5.18; 5.19; 5.20; 5.21 2nd Street Bridge  
BL6.1; 6.2; 6.3; 6.6; 6.9; 6.18; 6.19; 6.20; 6.21 1st Street Bridge

##### ALTERNATE 6 - WALL WASH LIGHTS

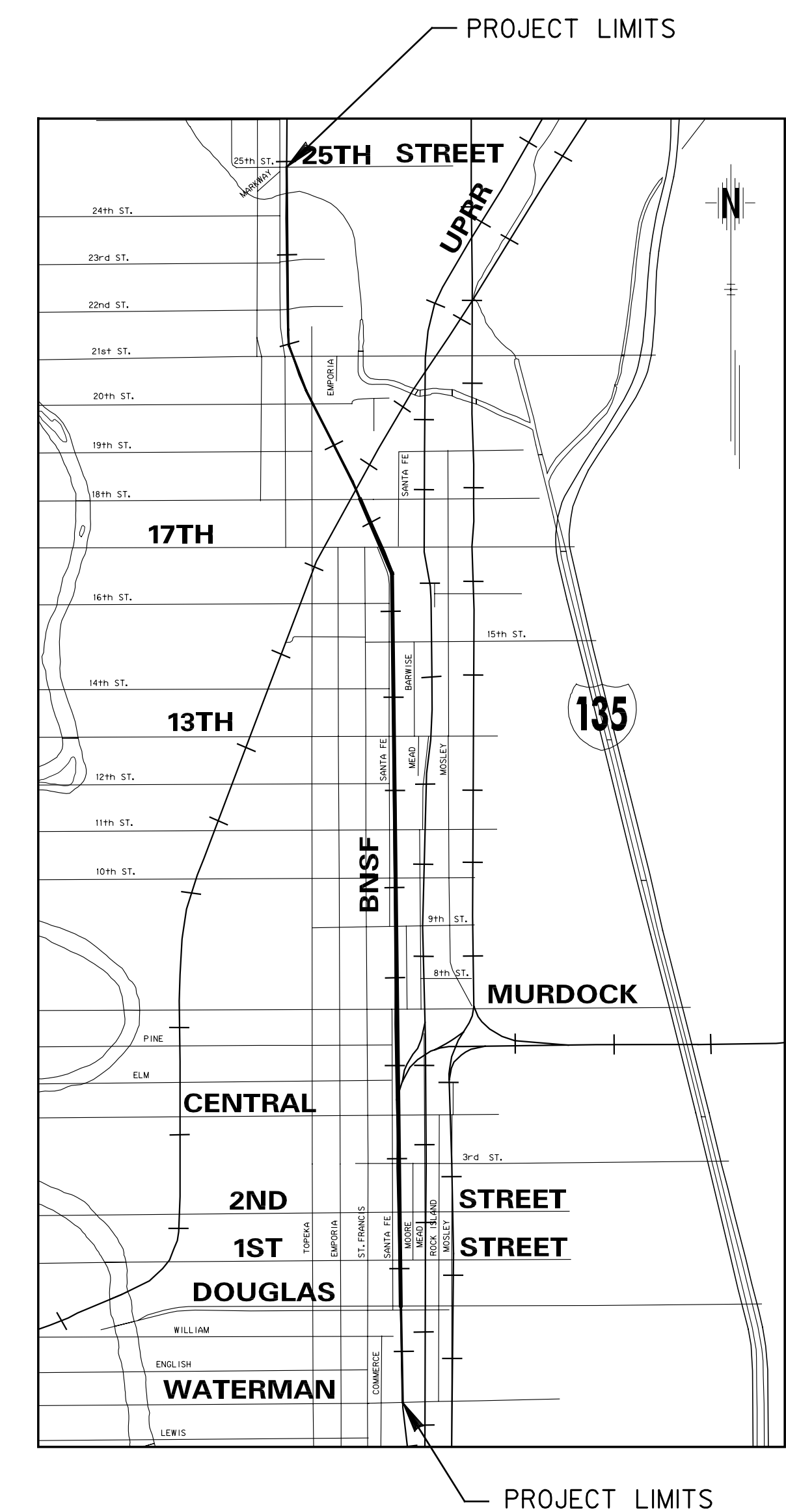
WL1.1 WL1.7 Lighting

##### ALTERNATE 7 - COLD CATHODE LIGHTING

CL1.1 CL1.3 Lighting

##### ALTERNATE 8 - DOUGLAS AVENUE

DA1.1 DA1.23 Bridge



NOTE:  
This is the second bid of this project. These plan sets stand alone and exclude the set that was printed in 2004.

RECOM. FOR APPROVAL-DATE January 11, 2005  
Jim Armour, P.E.  
INTERIM CITY ENGINEER  
CITY OF WICHITA

DATE	
BY	

Plotted on: Sunday, January 09, 2005 10:01 PM  
cadd\hcrff  
Plot Queue: \\cbsw000\K0229049\F5  
Plot Scale: 100:000000:000000 Pen Table: \\oyepw00\jobs\29049\highway\librar\y\plotpen\half.pen  
Design Filename: jh\29049\Bose\wrr\H11e.dgn