FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0194-01	2001	3	43

STA. 9+863.781 8.436 m RT.
SET PK NAIL
23.012 m W. OF W. CURB SHELTON
2.164 m S. OF S. CURB 21ST
N=296.064 E=1493.942

STA 9+878.080
1-COW TYPE 1 CURB INLET
OPENING=1.524 m W=2.230 m
TOP=37.077

REMOVE EXIST. VALLEY GUTTER
INSTALL 200 mm REINFORCED
CONCRETE VALLEY GUTTER
REMOVAL LIMIT STA 6+015.135
℄ SHELTON

REMOVE EXISTING SWS STRUCTURES
AND PLUG ENDS OF EXIST. RCP
REMOVE EXISTING SWS RCP AS
NECESSARY TO ACCOMODATE
PROPOSED SYSTEM*

PROPOSED WATER
BY OTHERS

STA 9+920.000
2-COW DBLE TYPE 2 CURB INLETS
TOP=36.868

33.20 m CONC. SIDEWALK WITH EDGE WALL

LEAVE OPENING IN DRIVE
RETURN FOR EXIST. FLUME

STA 9+981.838
1-COW DBLE TYPE 2 CURB INLET
TOP=36.746

STA 9+878.080 2.438 LT
1-COW RCMH
1.829 m X 1.829 m
TOP = 37.079

STA. 9+860 TO STA 9+975
EXIST. 150 mm GAS LINE TO
BE REPLACED BY OTHERS.

EXIST. 600 mm SWS

STA. 9+871.133 BEGIN
PROJ. 87 N-0194-01

PROJECT BASELINE

CAUTION!! 300 mm
HIGH PRESSURE GAS LINE

PROPOSED WATER
BY OTHERS

STA 9+878.080
1-COW DBLE TYPE 2 CURB INLET
TOP =37.053

BENCHMARK
COW DISC SW COR INTERSECTION 7.5 m WEST
CENTER LINE ARKANSAS AND 23 m SOUTH OF
CENTER LINE 21ST STREET NORTH. 0.46 m EAST
OF EAST FACE OF WALK 2.9 m WEST OF BACK
OF CURB. 19.5 m SW OF CENTER OF FH.
ELEV.=37.076

CRAWFORD ADDITION 22 · CRAWFORD ADDITION 21 · CRAWFORD ADDITION 23 · CRAWFORD ADDITION 24 · BOYD'S ADDITION 1 · EAST RIVERSIDE ADDITION 4 · RIVERSIDE ADDITION 3

SHELTON 9.449 m · SHELTON 9.465 m · ALLEY · MARCH LANE

21ST STREET NORTH

STA 9+871.113 · STA 9+871.133 · STA 9+920.00 · STA 9+941.048 PVC · STA 9+950.954 PVI · STA 9+960.860 PVT · STA 9+970.594 PRC · STA 9+978.976 PVI · STA 9+987.358 PVT · STA 9+990

+946.258 CL 9.392 m · +945.735 4.884 m · +964.675 8.694 m · +957.284

PROP. R/W · PROP. 13.716 m R/W · EXIST. 9.144 m R/W

6 m R · 4.5 m R · 19.812 m V.C. M=0.040 · 16.764 m V.C. M=0.034 · -1.10% · +0.54% · -0.50% · +0.50%

1.5 m · 1.8 m · 6.40m H.E. · 10.670m H.E. · 9.800m H.E.

PROP. CONC. SW · PROP. 13.716 m R/W

RELOCATE EXIST. SIGN · RELOCATE EXIST. SIGN · RELOCATE EXIST. SIGN · RELOCATE EXIST. SIGN

INSTALL STD. COW
200mm CONC. DRIVE · INSTALL STD. COW
200mm CONC. DRIVE · INSTALL STD. COW
200 mm CONC. DRIVE

ADJUST WM TO
PROP. GRADE

RELOCATE O'REILLY'S
SIGN (BY OTHERS)

RELOCATE POWER POLE
(BY OTHERS)

EXIST. TREE TO
BE REMOVED

ADJUST SS MH TO
PROPOSED GRADE

REMOVE AND REPLACE
47.0 m OF EXISTING
SW W/EDGE WALL
(SEE SHEET 2 FOR DETAILS)

STA 9+920.000
1-COW TYPE 1 CURB INLET
OPENING=3.048 W=1.320
TOP = 36.844

RESET 51.5 m
CHAIN LINK FENCE
SOUTH OF PROP EDGE WALL

EXIST. TREES TO REMAIN

CONSTRUCTION LIMITS

REMOVE EXIST. VALLEY GUTTER
INSTALL 200 mm REINF.
CONC. VALLEY GUTTER
REM. LIMIT STA 5+987.629
℄ SHELTON

STA 9+891.503 ℄ 21ST ST. N.
= ℄ 6+000 SHELTON

STA 9+898.653 ℄ 21ST ST. N.
= ℄ 6+000 SHELTON

PI CROWN 9+889.421

90°41'22"

STA 9+984.760
1-COW TYPE 1 CURB INLET
OPENING=1.524 W=1.320
TOP = 36.894

REMOVE EXIST. PP
(BY OTHERS)

STA 9+988.149
END ASPHALT PAVEMENT
BEGIN CONCRETE PAVEMENT

STA 9+983.327 2.438 LT
1-COW RCMH
2.428 m X 2.428 m
TOP = 36.946

REMOVE EXIST. PP
(BY OTHERS)

REMOVE TRAF.
SIG. MANHOLE

REMOVE EXISTING SWS STRUCTURES
AND PLUG ENDS OF EXIST. RCP
REMOVE EXISTING SWS RCP AS
NECESSARY TO ACCOMODATE
PROPOSED SYSTEM*

EXIST. ASPH

+860 · +880 · +900 · +920 · +940 · +960 · +980

37.152 · 37.132 · 37.112 TC (MATCH) · 37.068 TC · 37.027 TC +898.470 PC · 37.039 TC (MATCH) · 37.115 TC (MATCH) · 37.044 TW · 37.088 TC (MATCH) · 37.040 TC +880.652 PC · 37.082 TC (MATCH) · 37.075 TC (MATCH) · 36.986 TC · 36.932 TC +902.293 PT · 37.031 · 36.931 · 36.844 TC · 36.973 TC · 36.993 TC +949.895 · 37.031 TC · 37.103 · 37.003 · 36.966 TC +970.242 · 36.917 TC · 36.916 TC +989.149 · 36.747 +983.187 · 36.761 TC · 36.750 TC · 36.808 TC · 36.914 TC · 36.958 TC +955.907 · 36.959 TC +955.731 PC · 36.993 TC · 37.022 TC +959.109 · 36.954 TC +937.188 · 36.988 TC +948.001 · 36.868 TC · 36.880 TC +963.939 PI · 36.770 TC +974.785 · 36.765 TC +988.149 PC · 37.192 TW +955.045 · 37.170 TW +966.886 · 36.850 SW · 36.881 SW

*BOTH ENDS OF PIPES ABANDONED IN PLACE SHALL BE PLUGGED WITH BRICK MASONRY PER COW SPECIFICATIONS. PIPES ABANDONED IN PLACE HAVING DIAMETERS GREATER THAN 15 INCHES SHALL BE FILLED PER COW SPECS. AND PLUGGED. SHALL BE SUBSIDIARY TO REMOVAL OF EXISTING STRUCTURES.

1:200 H
1:20 V

Sprinkler · Telephone Pedestal · Mailbox · Prop. Valve Box · Lightpole · Water Meter · Gas valve · Water Valve · Gas meter · Manhole · Fire Hydrant · Street Sign · Power Pole · Pylon Sign · Dead Man · Tree

Pavement Removal · Gas Line · Existing Water Line · Proposed Water Line · Overhead Electric · Proposed SWS · Existing SWS · Underground Electric · Underground Cable TV · Underground Telephone · Existing Sanitary Sewer

PROP. PROF. @ CROWN
6.40 m N. OF S. HE

EXISTING PROF. @ SECTION LINE

-0.50% · +0.50% · -0.50%

37.116 PVI +871.133 · 37.131 · 37.081 · 37.031 · 36.981 · 36.931 PVI +920.000 · 36.981 · 37.031 · 37.081 · 37.117 PVI +957.284 · 37.103 · 37.053 · 37.003 · 36.963 +988.149 · 36.962 +990

37 · 36

+860 · +880 · +900 · +920 · +940 · +960 · +980

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316/262-1281

PROJECT NUMBER	AM. NO.
472-82783	99147
DESIGN RR · DRAWN RR · FILE PLAN1 · DATE · SCALE 1:200	

21ST AND ARKANSAS
STA 9+860 TO 9+990
CITY OF WICHITA

SHEET · OF

REVISED 6/11/01