NEIGHBORHOOD DEVELOPMENT PLAN

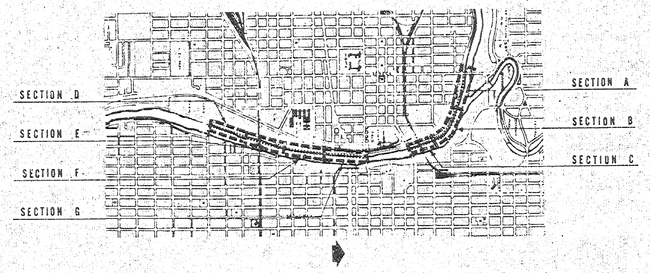
BICYCLE PATH IMPROVEMENT PROJECT

FOR

URBAN RENEWAL AGENCY
OF THE WICHITA, KANSAS METROPOLITAN AREA

PROJECT NO. KANS. A-5-2

IRRIGATION SYSTEM



BOARD OF COMMISSIONERS

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KENNETH H. KITCHEN
EXECUTIVE DIRECTOR

APPROVED
BY _____
CHIEF OPERATIONS DIVISION
FOR THE DISTRICT ENGINEER
TULSA DISTRICT
CORPS OF ENGINEERS
DATE _____

JOHN H. GATES 921

BICYCLE PATH IMPROVEMENT PROJECT URBAN RENEWAL KANS. A-5-2 SHEET 1 OF 5 SHEETS

MAY 1, 1972

SYMBOL NOTE[S]

SYMBOL SCHEDULES

NOTE:

SITE PLAN @ SHELTER
SCALE: 1" = 20'

McLEAN BLVD

NOTE:

GENERAL NOTES:

1. CONTOURS & ELEVATIONS SHOWN ARE BASED ON SEA LEVEL DATUM
2. THE LAYOUT OF THE WATER LINE IS TO BE VERIFIED WITH ARCHITECT AND FLOOD CONTROL. THE CONTRACTOR IS TO SHOW A GENERAL LAYOUT AND FLOW WATER LINE LAYOUT OR LOCATION OF THE 100' TRAVERSE TRAINING ON FLOOD CONTROL TRAVERSE LINE, WITH CONFIGURATION FOR EASE OF MAINTENANCE EQUIPMENT MANEUVERABILITY.
3. ALL EXISTING TREES TO BE SAVED, AND CONTRACTOR TO WORK AROUND OR WATER LINE AROUND ALL TREES IN ARROYO
4. 3" METER, VALVES AND BOXES ACCORDING TO CITY REQUIREMENTS TO BE PURCHASED AND INSTALLED BY CONTRACTOR. METERS TO BE PURCHASED FROM CITY.
5. CONTRACTOR SHALL PAY FOR ALL PERMITS, TAPS AND METER HOOKUPS AS REQUIRED BY THE CITY.
6. CONTRACTOR TO NOTIFY ALL UTILITY CO. FOR LOCATION OF ANY UNDERGROUND UTILITIES.
7. LAY 2" PVC WATER LINE 3' ± WEST (LANDSIDE) OF ANY EXISTING ASPHALT PATHWAYS. KEEP MURDOCK HYDRANTS OUT OF ANY EXISTING ACCESS ROADS OR RAMPS.

SECTION A
SCALE: 1" = 50'

36" L.J. Conc. Water Line Existing

Flood Control Traverse Line

EDIT CURB
McLEAN BLVD

WEST CURB
McLEAN BLVD

STA. 6+00
INSTALL 3" TAP / 2" METER, 3" GATE VALVE (2)
BUILD METER BOX TYP D APPROX 30' E OF CURB
INSTALL PVC WATER LINE & 7 MURDOCK
LAWN HYDRANTS, TYP. M-6.100, APPROX.
21' FROM BACK OF CURB

NOTE:
SEE SHEET NO 3 FOR TYP LOCATION OF BENDS AT ALL OF THESE LOCATIONS FOR BENCHES

NOTE:
APPROXIMATE FOR ELEV ± 93.0

NOTE:
APPROXIMATE FOR ELEV ± 84.8

Flood Control Traverse Line

EDIT CURB
McLEAN BLVD

West Curb McLean Blvd

36" L.J. Conc. Water Line Existing

STA. 14+75
INSTALL 3" TAP & 2" METER, 3" GATE VALVE (2)
BUILD METER BOX TYP D APPROX 17' E OF CURB
INSTALL P.V.C. WATER LINE & 8 MURDOCK
LAWN HYDRANTS TYP M-6.100' APPROX.
21' FROM BACK OF CURB

SECTION B
SCALE: 1"=50'

LEGEND

- TOE OF BANK
- TOP OF BANK
- EXISTING TREES
- EXISTING SHRUBS
- EXISTING BIKE PATH
- RETAINING WALL
- MURDOCK VALVE
- 3/4" WATER LINE
- WATER METER

BM1: CITY STAMPED TOP FLANGE OF BEGOLE & STAMP ELEV. 130.88

ALL SHLD. FROM P-46 TO P-48 + 300 ARE AT DESIGN

MATCH LINE SEE SECTION C

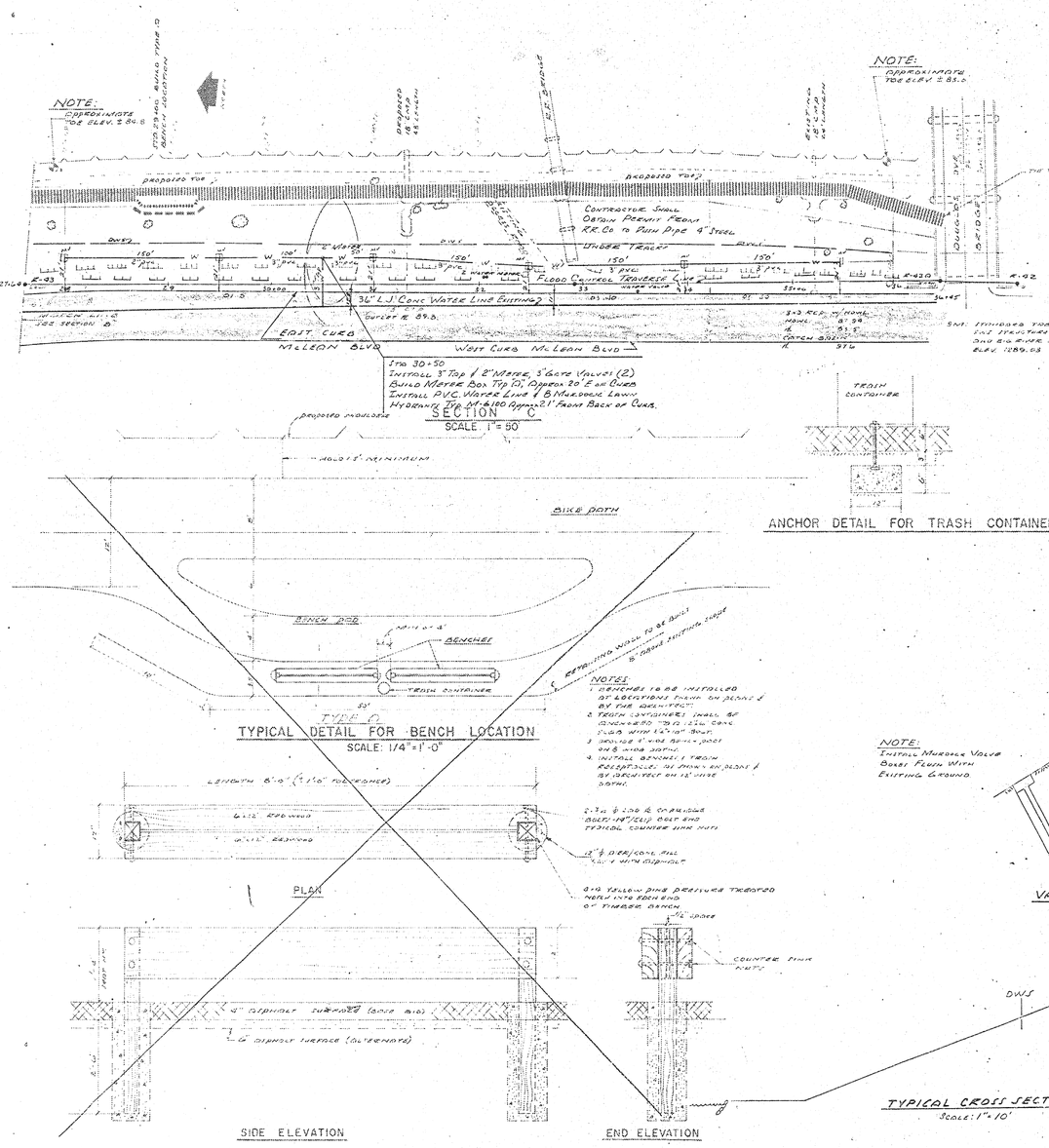
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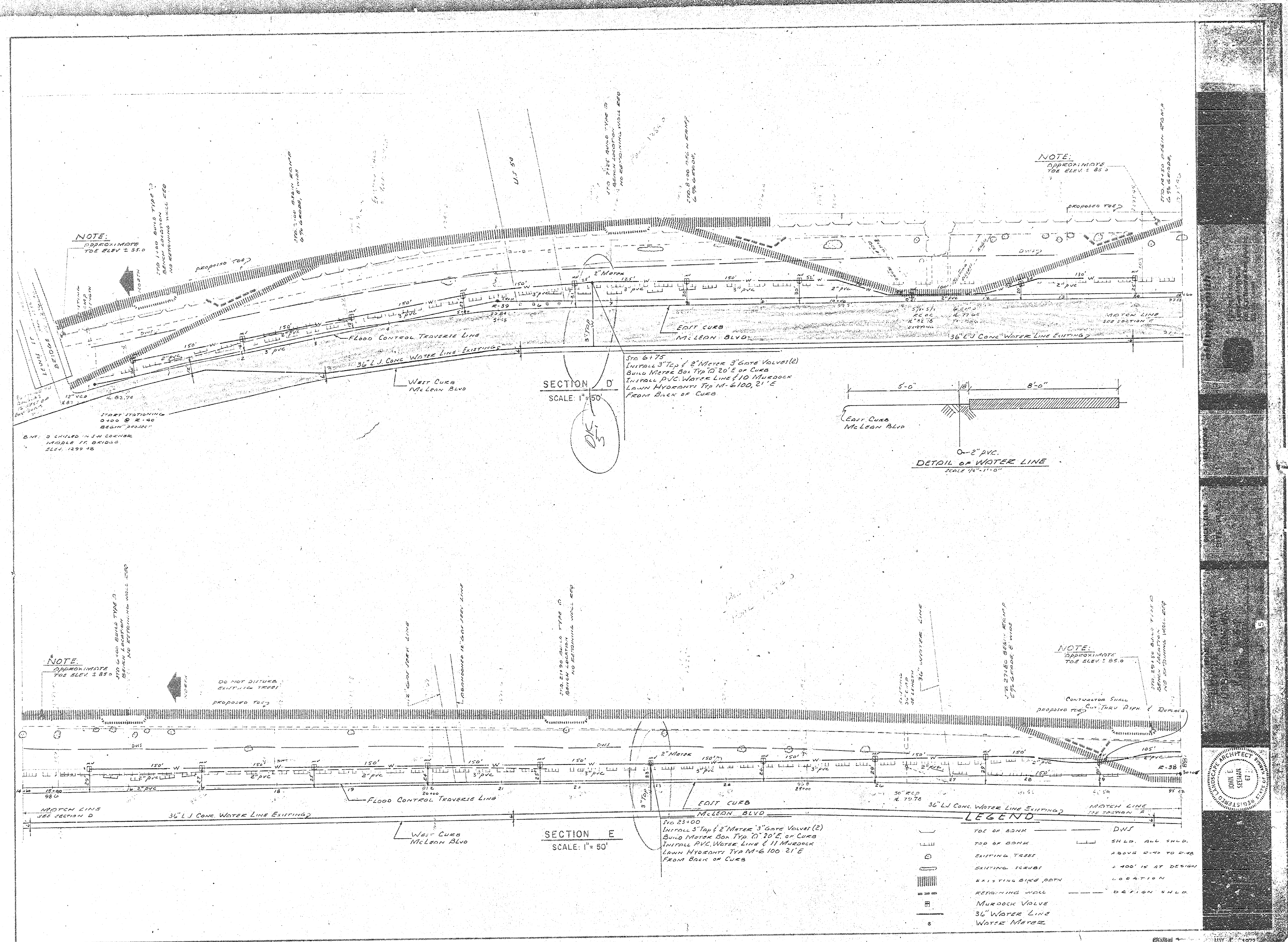
REVISIONS

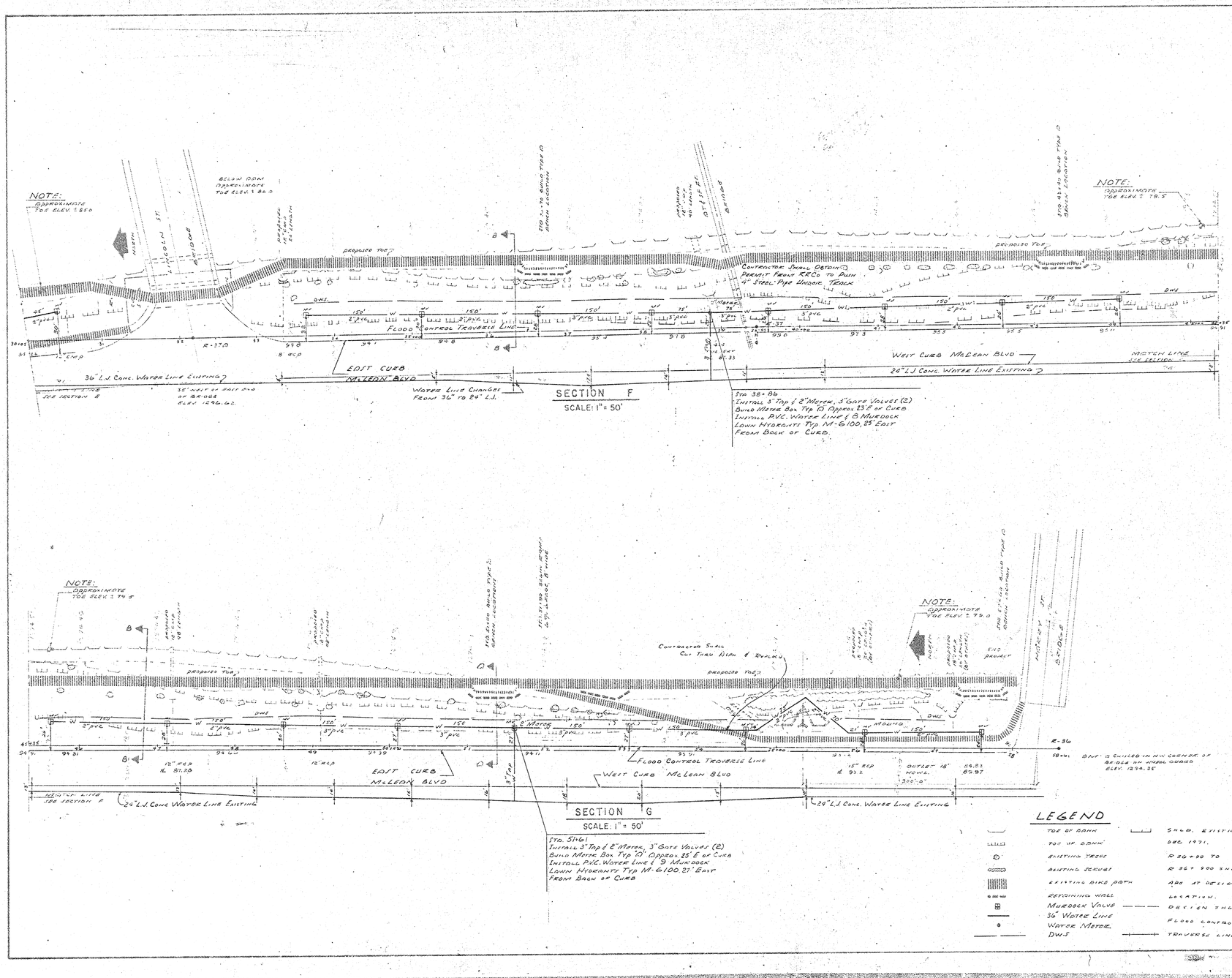
SHEET TITLE
SITE PLANS

PROJECT
BICYCLE PATH
URBAN RENEWAL

SHEET NO. 5


NOTE:
APPROXIMATE
TOE ELEV. ± 84.5
PROPOSED TOE
EXISTING TOP OF BANK
EXISTING TOE
PROPOSED TOP
PROPOSED
CONTRACTOR SHALL OBTAIN PERMIT FROM R.R. Co. to PUSH PIPE 4" STEEL
UNDER TRACKS
FLOOD CONTROL TRAVERSE LINE
3" PVC
2" WATER
DWY.
DWY.
150'
100'
E-93
E-92
A-930
36" L.J. CONC WATER LINE CUTTING
EDIT. CURB
McLEON BLVD
WEST CURB McLEAN BLVD
SURFACE EL 89.0
SEE SECTION B
1 to 30+50
INSTALL 3" Tap & 2" METER, 3 GATE VALVE (2)
BUILD METER BOX Typ (3), APPROX 20' E OF CURB
INSTALL PVC WATER LINE & BACKFILL LAWN
HYDRANT Typ M-6100 Approx 2.1' FROM BACK OF CURB.
SECTION C
SCALE 1" = 50'
PROPOSED MAILBOX
3-3 RCP w/ HOOD
EL 91.5
CATCH BASIN
SWT: ITTIHOSES TOILET BY HOOD
EXIST STRUCTURE IS DOUGLAS
DIA 8'-0 PIPE SEPT 300MH.
ELEV. 1289.68
TRASH CONTAINER
ANCHOR DETAIL FOR TRASH CONTAINER
BIKE PATH
BENCH PAD
BENCHES
TRASH CONTAINER
RETAINING WALL TO BE BUILT
TO CONFORM EXISTING SLOPE
TYPE C
TYPICAL DETAIL FOR BENCH LOCATION
SCALE: 1/4" = 1'-0"
NOTES:
1. BENCHES TO BE INSTALLED AT LOCATIONS SHOWN ON SKETCH BY THE ARCHITECT.
2. TRASH CONTAINERS SHALL BE CONCRETED TO 12" I.D. CONC SLEEVE WITH 1/4"-10" BOLT.
3. INSTALL 2" WIDE REFLECTOR ON 8" WIDE SLOTH.
4. INSTALL BENCHES & TRASH RECEPTACLE AS SHOWN ON SKETCH & BY ARCHITECT ON 12" WIDE SLOTH.
LENGTH 8'-0" (7'-10" FULL ENDINGS)
6 1/2" REDWOOD
6 1/2" REDWOOD
2-3/4 x 3/8 G GALVANIZED BOLTS 18" CLIP BOLT END TYPICAL COUNTER SINK NUTS
12" ø DEPTH CONC FILL
PLAN
6"x6" YELLOW PINE PRESERVE TREATED NERLI INTO EACH END
6" TIMBER BENCH
4" ASPHALT SURFACE (BASE BID)
6" GRAVEL SURFACE (ALTERNATE)
SIDE ELEVATION
1 1/2" SLOPE
COUNTER SINK NUTS
END ELEVATION
BENCH DETAIL
SCALE: 1" = 1'-0"
NOTE:
INSTALL MURDOCK VALVE BOXES FLUSH WITH EXISTING GROUND
VALVE BOX DETAIL
SCALE: 1" = 1'-0"
3'
W VARIES
DWS
McLEAN BLVD
TYPICAL CROSS SECTION
SCALE: 1" = 10'
FINISH GRADE
12'-0"
4" MIN AT HIGH POINT
SUBGRADE TO BE BLOCKED & COMPACTED TO 90%
ASPHALT DETAIL
SCALE: 3/4" = 1'-0"
NOTE:
ASPHALT SHALL BE AS FOLLOWS:
ABOVE BID = 6" THICK 8' WIDE
BID = 4" THICK 12' WIDE
1 - 2 = 4" THICK 8' WIDE
OUT-S = 6" THICK 12' WIDE
6" to 12"
TRENCHING DETAIL
SCALE: 1" = 1'-0"
LEGEND
TOE OF BANK
TOP OF BANK
EXISTING TREE
EXISTING SCRUBS
EXISTING BIKE PATH
RETAINING WALL
MURDOCK VALVE
36" WATER LINE
WATER METER
DWS
SHLD. ALL
SHLD. ABOVE
R-43 TO
R-43 +400'
IS AT DESIGN LOCATION
TYP. "D" METER VAULT
STANDARD VAULT FOR SINGLE 1-1/2" OR 2" METERS
WICHITA WATER DEPARTMENT
S-72
BICYCLE PROJECT NO. 1
CITY OF WICHITA, KANSAS
REVISIONS
JOHN E. SEARS
REGISTERED ARCHITECT
MAY 1 1972


NOTE:
APPROXIMATE TOE ELEV ± 85.0
proposed toe
NORTH
LEWIS ST BRIDGE
STA 1+00 BUILD TYPE D BENCH LOCATION NO RETAINING WALL REQ
STA 3+00 BEGIN RAMP 6% GRADE, 8' WIDE
U.S. 54
STA 7+25 BUILD TYPE D BENCH LOCATION NO RETAINING WALL REQ
STA 8+00 BEGIN RAMP 6% GRADE
STA 14+50 BEGIN RAMP 6% GRADE
DWS
2" Meter
150'
3" pvc
2" pvc
FLOOD CONTROL TRAVERSE LINE
36" L J CONC WATER LINE EXISTING
EAST CURB McLEAN BLVD
WEST CURB McLEAN BLVD
MATCH LINE SEE SECTION E
START STATIONING 0+00 @ R-40 BEGIN PROJECT
B.M.: □ CHISLED IN S.W. CORNER MIDDLE ST. BRIDGE ELEV. 1299.48
SECTION D
SCALE: 1" = 50'
STA 6+75
INSTALL 3" TAP & 2" METER 3" GATE VALVES (2)
BUILD METER BOX TYP "A" 20' E OF CURB
INSTALL PVC WATER LINE & 10 MURDOCK
LAWN HYDRANTS TYP M-6100, 21' E
FROM BACK OF CURB
5'-0"
18"
8'-0"
EAST CURB McLEAN BLVD
2" PVC.
DETAIL OF WATER LINE
SCALE 1/2" = 1'-0"
NOTE:
APPROXIMATE TOE ELEV ± 85.0
STA 6+00 BUILD TYPE D BENCH LOCATION NO RETAINING WALL REQ
DO NOT DISTURB EXISTING TREES
ABANDONED 12" GAS SERV LINE
STA 21+90 BUILD TYPE D BENCH LOCATION NO RETAINING WALL REQ
36" WATER LINE
STA 27+60 BEGIN RAMP 5% GRADE, 8' WIDE
STA 29+50 BUILD TYPE D BENCH LOCATION NO RETAINING WALL REQ
CONTRACTOR SHALL CUT THRU ASPH. & REPLACE
proposed toe
MATCH LINE SEE SECTION D
MATCH LINE SEE SECTION F
30" RCP
105'
R-38
SECTION E
SCALE: 1" = 50'
STA 23+00
INSTALL 3" TAP & 2" METER 3" GATE VALVES (2)
BUILD METER BOX TYP "A" 20' E OF CURB
INSTALL PVC WATER LINE & 11 MURDOCK
LAWN HYDRANTS TYP M-6100 21' E
FROM BACK OF CURB
LEGEND
TOE OF BANK
TOP OF BANK
EXISTING TREES
EXISTING SCRUBS
EXISTING BIKE PATH
RETAINING WALL
MURDOCK VALVE
36" WATER LINE
WATER METER
DWS
SHLD. ALL SHLD. ABOVE R-42 TO R-48
+ 400' IS AT DESIGN LOCATION
DESIGN SHLD.
REGISTERED LANDSCAPE ARCHITECT
JOHN E. SEEMAN
STATE OF KANSAS
5
MAY 1972


NOTE:
APPROXIMATE
TOE ELEV. ± 88.0
LINCOLN ST.
NORTH
BELOW DOAK
APPROXIMATE
TOE ELEV. ± 86.0
proposed TOE
B
B
FLOOD CONTROL TRAVERSE LINE
Contractor Shall Obtain Permit From RRCo to Push 4" Steel Pipe Under Track
EXIST CURB
McLEAN BLVD
WEST CURB McLEAN BLVD
36" L.J. Conc. Water Line Existing
24" LJ Conc. Water Line Existing
Water Line Change From 36" to 24" L.J.
SECTION F
SCALE: 1" = 50'
Tie 38+86
Install 3" Top & 2" Meter, 3" Gate Valve (2)
Build Meter Box Typ "D" Approx. 23' E of Curb
Install P.V.C. Water Line & 8 Murdock
Lawn Hydrant Typ M-6100, 25' East
From Back of Curb.
NOTE:
APPROXIMATE
TOE ELEV. ± 79.5
NOTE:
APPROXIMATE
TOE ELEV. ± 79.3
Contractor Shall Cut Thru Alph & Evolve
proposed TOE
EXIST CURB
McLEAN BLVD
WEST CURB McLEAN BLVD
Flood Control Traverse Line
24" L.J. Conc. Water Line Existing
SECTION G
SCALE: 1" = 50'
Sta. 51+61
Install 3" Top & 2" Meter, 3" Gate Valves (2)
Build Meter Box Typ "D", Approx. 25' E of Curb
Install P.V.C. Water Line & 9 Murdock
Lawn Hydrants Typ M-6100, 27' East
From Back of Curb
LEGEND
TOE OF BANK
TOP OF BANK
EXISTING TREES
EXISTING SHRUBS
EXISTING BIKE PATH
RETAINING WALL
MURDOCK VALVE
36" WATER LINE
WATER METER
DWS
SHLD. EXISTING
DEC. 1971.
R 36+90 TO
R 36+900 SHLD.
ARE AT DESIGN
LOCATION.
DESIGN SHLD.
FLOOD CONTROL
TRAVERSE LINE