

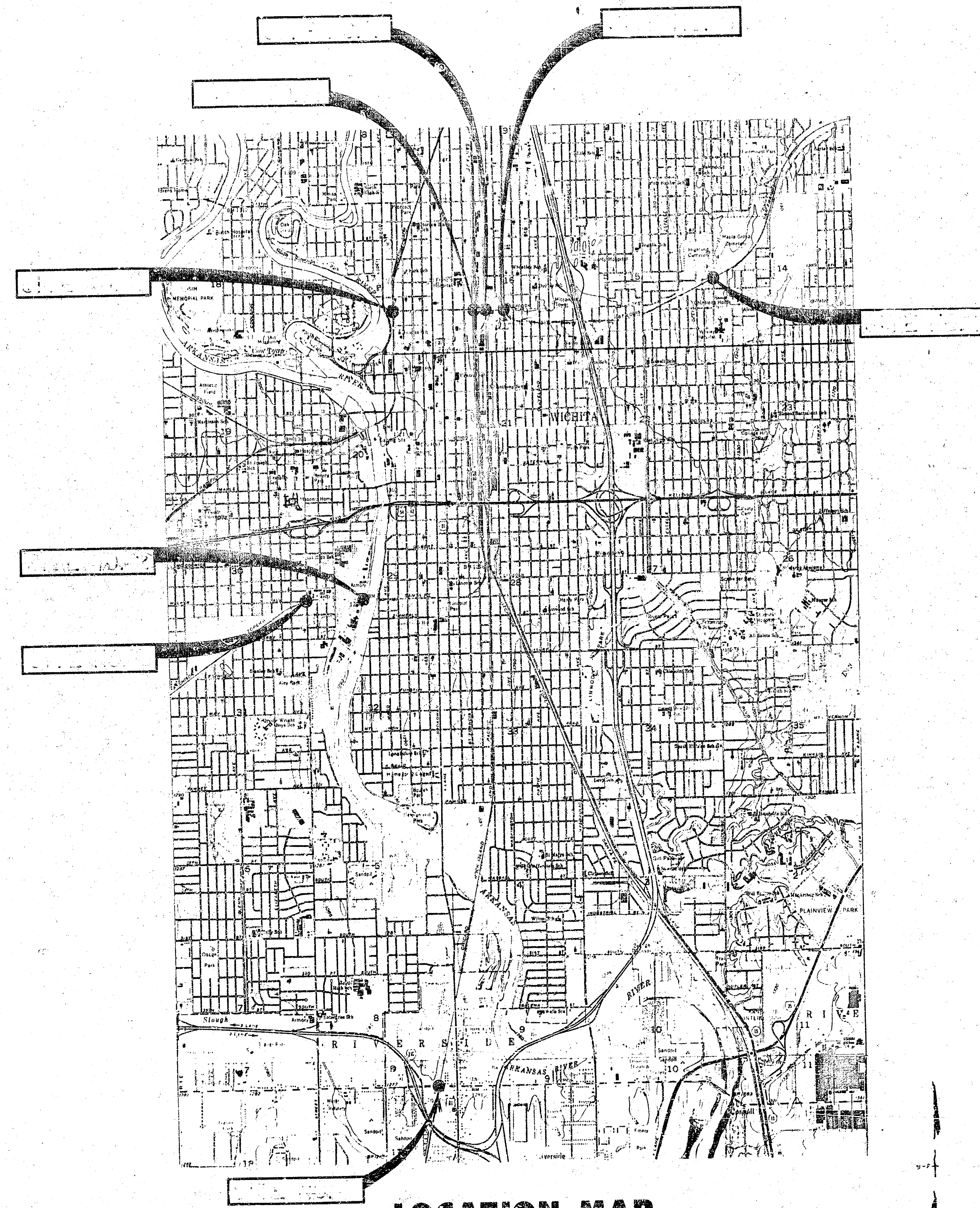
WICHITA, KANSAS

PAVEMENT REMOVAL AND RECONSTRUCTION IN CONNECTION WITH RUBBERIZED RAILROAD CROSSING INSTALLATION

SITE LOCATIONS

SITE 1:
SITE 2

INDEX TO DRAWINGS



LOCATION MAP

SCALE: 1" = 3000' (APPROX.)

MIKE LINDEBAK, P.E.
CITY ENGINEER
CITY OF WICHITA, KANSAS
PROJECT NO. 472-76-245-81499-000-000-001

**WILSON
& COMPANY**
ENGINEERS
ARCHITECTS
WICHITA - KANSAS

PROPOSED ELEVATIONS
(R) - Edge of Rubber (CL) - Centerline
(M) - Match Existing (FL) - Flowline
(H.E.) - High Edge

STATION	PAVEMENT (H.E.)	CL	NORTH EDGE PAVEMENT (H.E.)
9+45	112.42(M)	113.4(M)	112.51(M)
9+50	112.42	113.29	112.51
9+55	112.53	113.34	112.61
9+60	112.67	113.40	112.76
9+65	112.88	113.48	112.96
9+70	113.11	113.57	113.19
9+75	113.35	113.66	113.43
9+80	113.55	113.74	113.53
9+85	113.70	113.80	113.76
9+90	113.79	113.84	113.85
9+96	113.82(R)	113.85(R)	113.88(R)
10+05	113.82(R)	113.85(R)	113.88(R)
10+10	113.79	113.84	113.84
10+15	113.69	113.80	113.74
10+20	113.53	113.75	113.57
10+25	113.29	113.67	113.33
10+30	113.02	113.58	113.05
10+35	112.72	113.50	112.81
10+40	112.61	113.44	112.63
10+45	112.52	113.38	112.53
10+50	112.48(M)	113.34(M)	112.50(M)

Top Exist. 42" Brick Arch Storm Drain & Seal w/ Grout. Incidental to Pipe. R in 9.50(N), R in 9.50(S) Field Engineer to Verify Before Pipe is Laid

Const. Type I Curb Inlet
Top Elev. = 12.89 L=6'-4", W=4'-4"
Install 15 L.F. 12" RCP(N)
R out = 9.80

Plug Exist. 4" S.D. Line
Connect and Install 4" PVC Pipe
from Building Drain to Inlet.
Slope = 1/4" / Ft. Min. Replace 4"
Conc. Sidewalk as Required

Remove Exist. Inlet
Plug 4" PVC Pipe & 8" VCPN
Const. 8" L.F. 4" Conc. Sidewalk
Const. 4" L.F. 4" Conc. Sidewalk

Const. Special
Combined
Curb & Gutter (6%)

Const. 10' L.F.
4" Conc. Sidewalk

Const. Wheel
Chair Ramp

Const. Type I Curb Inlet
Top Elev. = 12.65 L=6'-4", W=4'-4"
Install 30 L.F. 12" RCP(SW)
R out = 10.30

Const. 10' of Special
Combined Curb & Gutter (6%)

Const. 3"
Conc. Headers (12" Reinf. Conc. Pmt.)

Const. 8" Reinf. Conc. Pmt.
w/ Monolithic Edge Curb (6%)

Const. 10' of Special Combined
Curb & Gutter (6%)

Const. Type I Curb Inlet
Top Elev. = 12.55 L=6'-4", W=4'-4"
Install 10 L.F. 15" RCP(SW)
R out = 9.30

Const. 10' L.F.
4" Sidewalk

Connect to Exist.
Manhole FL in = 109.10
Field Engineer to
Verify Before Pipe is
Laid. Rim Elev. = 112.70

Grade Gravel Surface
to Match & Drain. Cost
to be Subsidiary to Project

Const. Wheel
Chair Ramp

Const. 4' L.F.
4" Conc. Sidewalk

Remove Inlet
& Plug Pipe

Const. Special
Combined
Curb & Gutter (6%)

Saw &
Match Ex.

Const. 2" Asph. Conc. Surface
w/ Leveling Course on 6"
Reinf. Conc. Base

Adjust Manhole
Exist. Elev. = Unknown, New Elev. = 113.29
Connect 12" VCP FL in = 110.63
Field Engineer to Verify Before Pipe
is Laid

Const. Special
Combined
Curb & Gutter (6%)

Remove Exist. Inlet
Plug 8" VCP

Remove 6' L.F. of Flume and
Construct Pipe Connection
Install 12"x23" SWS M.H.
R out = 110.86 See Detail Sh. 2

MURDOCK AT MEAD (SITE NO. 7)

NEW TOP OF RAIL ELEVATIONS		
	Track 1	
N. Curb Line	113.88	
G. Curb Line	113.85	
	113.82	

5" L.F. Rubberized Crossing
Installed by Railroad

Const. Wheel
Chair Ramp

Grade Gravel Surface
to Match & Drain. Cost
to be Subsidiary to Project

Const. Wheel
Chair Ramp

TBM 85-345-8 "D" Cut on S.W. Cor. of RR Signal
Light, N. Side of Murdock & E. Side of
Mead. El = 113.35

SYMBOL	DESCRIPTION
	REMOVE EXISTING CONCRETE PMT., CURB AND GUTTER, SIDEWALK AND BITUMINOUS PMT. AND REPLACE AS SHOWN. (BY PAVING CONTRACTOR)
	RUBBERIZED CROSSING MATERIAL (INSTALLED BY RAILROAD)
	NEW Flowline Elev.
	Core Sample
	A - 3" Asphalt Over
	6" Conc. Base
	B - 2 1/2" Asphalt Over
	5" Conc. Base

Note: T.V. Inspection of 42" Brick Arch Storm Drain Indicates Possible Break in Water Line Near Trac. Any Additional Work in this Area is to be Considered Subsidiary.

SCALE IN FEET
0 10 20 30 40

CITY OF WICHITA PROJECT NO. 472-76-245-000-001

WICHITA, KANSAS
RUBBERIZED RAILROAD CROSSING
MURDOCK AT MEAD (SITE NO.)
PAVING PLAN

WILSON
& COMPANY
ENGINEERS
& ARCHITECTS
WICHITA - KANSAS

DATE:
FEB. 1986
FILE NO.
85-345
SHEET NO.
OF

REVISION	DATE	BY

TBM 85-345-4 "1" Cut in the Top of Curb at the Middle of the Curve at the SW Corner of the Intersection of Santa Fe & Murdock, EL=115.04

SYMBOL	DESCRIPTION
	REMOVE EXISTING CONCRETE PAVT., CURB AND GUTTER, SIDEWALK AND BITUMINOUS PAVT. AND REPLACE AS SHOWN. (BY PAVING CONTRACTOR)
	RUBBERIZED CROSSING MATERIAL (INSTALLED BY RAILROAD)

Note:
 * Transition Curb from full height to no curb in 10'
 • Core Sample
 A - 4 1/4" Asphalt Over Conc. Base
 B - 6 1/4" Asphalt Over 6" Conc. Base
 C - 5" Asphalt Over 6" Conc. Base

PROPOSED ELEVATIONS

(R) - Edge of Rubber (CL) - Centerline
 (M) - Match Existing (FL) - Flowline
 (H.E.) - High Edge

STATION	PAVEMENT (H.E.)	CL	NORTH EDGE PAVEMENT (H.E.)
9+37	114.85+(M)	115.44+(M)	115.14+(M)
9+42	115.02	115.51	115.25
9+47	115.20	115.60	115.34
9+52	115.39	115.70	115.51
9+57	115.58	115.82	115.65
9+62	115.78	115.95	115.84
9+67	115.97	116.06	116.01
9+72	116.07	116.13	116.13
9+77	116.15	116.18	116.21
9+82	116.17(R)	116.20(R)	116.23(R)
10+18	116.17(R)	116.20(R)	116.23(R)
10+23	116.14	116.18	116.20
10+28	116.06	116.13	116.11
10+33	115.90	116.04	115.97
10+38	115.71	115.92	115.78
10+43	115.49	115.78	115.55
10+48	115.27	115.64	115.33
10+53	115.06	115.57	115.12
10+58	114.86	115.37	114.94
10+63	114.69	115.25	114.76
10+68	114.53+(M)	115.15+(M)	114.62+(M)

SCALE IN FEET
 0 10 20 30 40

CITY OF WICHITA PROJECT NO. 472-76-245-81499-000-000-001

WICHITA, KANSAS
 RUBBERIZED RAILROAD CROSSING
 MURDOCK, EAST OF SANTA FE (SITE NO. 1)
 PAVING PLAN

DESIGN	DRAWN	DATE
MEK		FEB. 1986
WILSON & COMPANY		FILE NO.
ENGINEERS & ARCHITECTS		85-345
WICHITA - KANSAS		SHEET NO.
		OF

MURDOCK, EAST OF SANTA FE (SITE NO. 1)

NEW TOP OF RAIL ELEVATIONS

	Track 1	Track 2	Track 3
N. Curb Line	110.23	110.23	110.23
S. Curb Line	110.17	110.17	110.17

REVISION	DATE	BY

