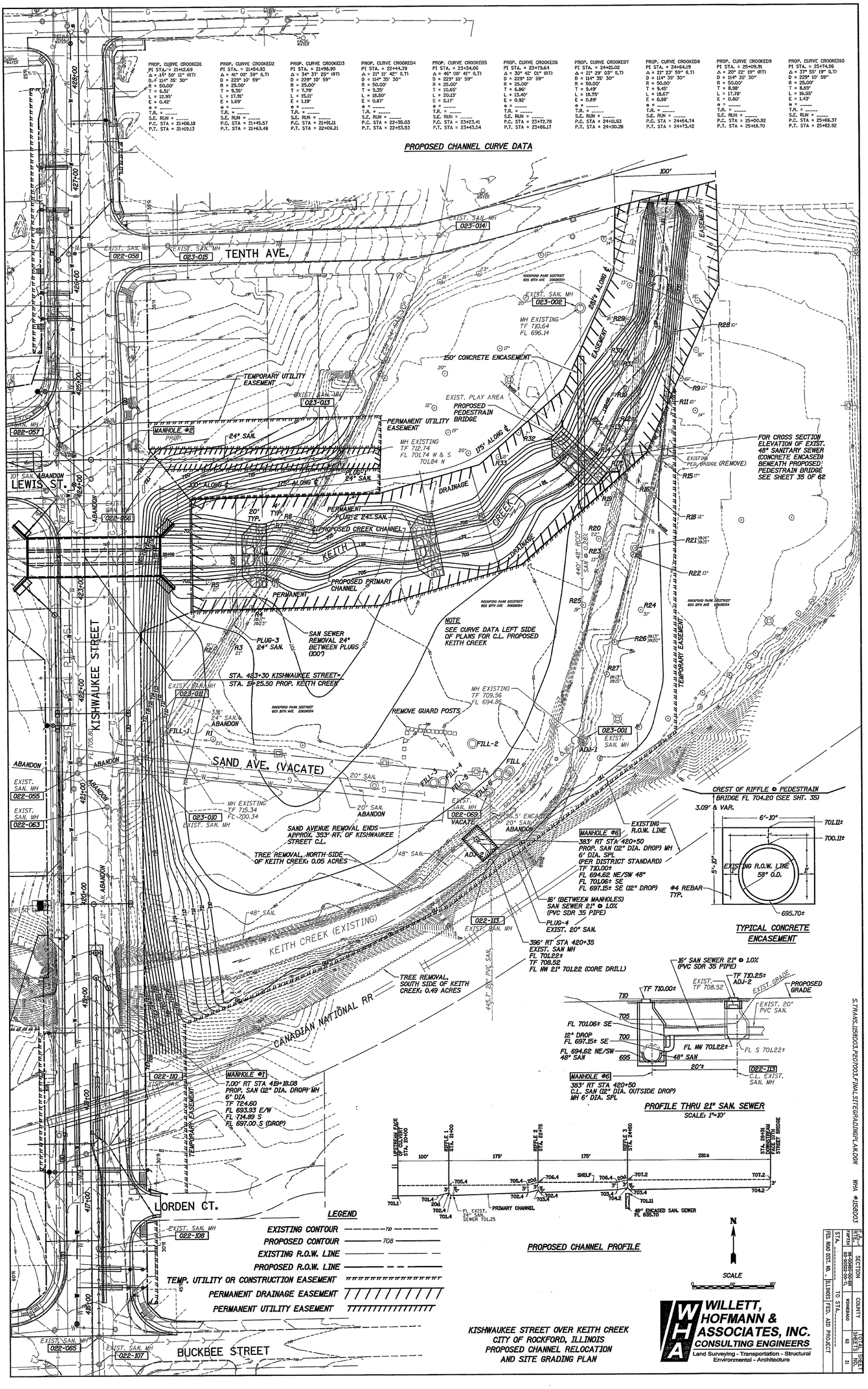
PROP. CURVE CROOKED1
PI STA.= 21+12.69
Δ = 48° 50' 11" (RT)
D = 114° 35' 30"
R = 50.00'
T = 6.31'
L = 12.95'
E = 0.42'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 21+06.18
P.T. STA = 21+19.13
PROP. CURVE CROOKED2
PI STA. = 21+54.93
Δ = 41° 02' 39" (LT)
D = 229° 10' 59"
R = 25.00'
T = 9.36'
L = 17.91'
E = 1.69'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 21+45.57
P.T. STA = 21+63.48
PROP. CURVE CROOKED3
PI STA. = 21+98.90
Δ = 34° 37' 25" (RT)
D = 229° 10' 59"
R = 25.00'
T = 7.79'
L = 15.11'
E = 1.19'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 21+91.11
P.T. STA = 22+06.21
PROP. CURVE CROOKED4
PI STA. = 22+44.39
Δ = 21° 11' 42" (LT)
D = 114° 35' 30"
R = 50.00'
T = 9.35'
L = 18.50'
E = 0.87'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 22+35.03
P.T. STA = 22+53.53
PROP. CURVE CROOKED5
PI STA. = 23+34.06
Δ = 46° 08' 41" (LT)
D = 229° 10' 59"
R = 25.00'
T = 10.65'
L = 20.13'
E = 2.17'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 23+23.41
P.T. STA = 23+43.54
PROP. CURVE CROOKED6
PI STA. = 23+79.64
Δ = 30° 42' 01" (RT)
D = 229° 10' 59"
R = 25.00'
T = 6.86'
L = 13.40'
E = 0.92'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 23+72.78
P.T. STA = 23+86.17
PROP. CURVE CROOKED7
PI STA. = 24+21.02
Δ = 21° 29' 03" (LT)
D = 114° 35' 30"
R = 50.00'
T = 9.49'
L = 18.75'
E = 0.89'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 24+11.53
P.T. STA = 24+30.28
PROP. CURVE CROOKED8
PI STA. = 24+64.19
Δ = 21° 23' 59" (LT)
D = 114° 35' 30"
R = 50.00'
T = 9.45'
L = 18.67'
E = 0.88'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 24+54.74
P.T. STA = 24+73.42
PROP. CURVE CROOKED9
PI STA. = 25+09.51
Δ = 20° 22' 19" (RT)
D = 114° 35' 30"
R = 50.00'
T = 8.98'
L = 17.78'
E = 0.80'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 25+00.92
P.T. STA = 25+18.70
PROP. CURVE CROOKED10
PI STA. = 25+74.06
Δ = 37° 55' 19" (LT)
D = 229° 10' 59"
R = 25.00'
T = 8.59'
L = 16.55'
E = 1.43'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 25+66.37
P.T. STA = 25+82.92
PROPOSED CHANNEL CURVE DATA
TENTH AVE.
LEWIS ST.
KISHWAUKEE STREET
SAND AVE. (VACATE)
LORDEN CT.
BUCKBEE STREET
CANADIAN NATIONAL RR
KEITH CREEK (EXISTING)
KEITH CREEK DRAINAGE CREEK
EXIST. SAN. MH 023-014
EXIST. SAN. MH 022-058
EXIST. SAN. MH 023-015
EXIST. SAN. MH 023-002
EXIST. SAN. MH 023-013
EXIST. SAN. MH 022-057
EXIST. SAN. MH 022-056
EXIST. SAN. MH 023-011
EXIST. SAN. MH 023-010
EXIST. SAN. MH 022-055
EXIST. SAN. MH 022-063
EXIST. SAN. MH 023-001
EXIST. SAN. MH 022-069
EXIST. SAN. MH 022-113
EXIST. SAN. MH 022-110
EXIST. SAN. MH 022-108
EXIST. SAN. MH 022-065
EXIST. SAN. MH 022-107
MANHOLE #1
7.00' RT STA 419+18.08
PROP. SAN (12" DIA. DROP) MH
6' DIA
TF 724.60
FL 693.93 E/W
FL 714.89 S
FL 697.00 S (DROP)
MANHOLE #2
PROP.
MANHOLE #6
383' RT STA 420+50
PROP. SAN (12" DIA. DROP) MH
6' DIA. SPL
(PER DISTRICT STANDARD)
TF 710.00±
FL 694.62 NE/SW 48"
FL 701.06± SE
FL 697.15± SE (12" DROP)
MANHOLE #6
383' RT STA 420+50
C.L. SAN (12" DIA. OUTSIDE DROP)
MH 6' DIA. SPL
PROPOSED CHANNEL RELOCATION
PERMANENT EASEMENT
TEMPORARY EASEMENT
PERMANENT UTILITY EASEMENT
TEMPORARY UTILITY EASEMENT
150' CONCRETE ENCASEMENT
PROPOSED PEDESTRAIN BRIDGE
EXIST. PED. BRIDGE (REMOVE)
PROPOSED PRIMARY CHANNEL
PROPOSED CREEK CHANNEL
PLUG-1 24" SAN.
PLUG-2 24" SAN.
PLUG-3 24" SAN.
PLUG-4 EXIST. 20" SAN.
SAN SEWER REMOVAL 24" BETWEEN PLUGS (100')
STA. 423+30 KISHWAUKEE STREET= STA. 19+25.50 PROP. KEITH CREEK
REMOVE GUARD POSTS
SAND AVENUE REMOVAL ENDS APPROX. 353' RT. OF KISHWAUKEE STREET C.L.
TREE REMOVAL, NORTH SIDE OF KEITH CREEK: 0.05 ACRES
TREE REMOVAL, SOUTH SIDE OF KEITH CREEK: 0.49 ACRES
MH EXISTING TF 712.74 FL 701.74 W & S 701.84 N
MH EXISTING TF 715.34 FL 700.34
MH EXISTING TF 709.56 FL 694.86
MH EXISTING TF 710.64 FL 696.14
NOTE
SEE CURVE DATA LEFT SIDE OF PLANS FOR C.L. PROPOSED KEITH CREEK
FOR CROSS SECTION ELEVATION OF EXIST. 48" SANITARY SEWER (CONCRETE ENCASED) BENEATH PROPOSED PEDESTRAIN BRIDGE SEE SHEET 35 OF 62
CREST OF RIFFLE & PEDESTRAIN BRIDGE FL 704.20 (SEE SHT. 35)
EXISTING R.O.W. LINE
#4 REBAR TYP.
TYPICAL CONCRETE ENCASEMENT
16' SAN SEWER 21" @ 1.0% (PVC SDR 35 PIPE)
PROFILE THRU 21" SAN. SEWER
SCALE: 1"=10'
PROPOSED CHANNEL PROFILE
RIFFLE 1 STA. 21+00
RIFFLE 2 STA. 22+75
RIFFLE 3 STA. 24+50
PRIMARY CHANNEL
48" ENCASED SAN. SEWER FL 695.70
LEGEND
EXISTING CONTOUR
PROPOSED CONTOUR
EXISTING R.O.W. LINE
PROPOSED R.O.W. LINE
TEMP. UTILITY OR CONSTRUCTION EASEMENT
PERMANENT DRAINAGE EASEMENT
PERMANENT UTILITY EASEMENT
N
SCALE
KISHWAUKEE STREET OVER KEITH CREEK
CITY OF ROCKFORD, ILLINOIS
PROPOSED CHANNEL RELOCATION
AND SITE GRADING PLAN
WILLETT, HOFMANN & ASSOCIATES, INC.
CONSULTING ENGINEERS
Land Surveying - Transportation - Structural
Environmental - Architecture
S:\TRANS\J950003\P070003\FINAL\STEGRADINGPLAN.DGN WHA #J950003
F.A.P. RTE. #1754
SECTION 98-00480-00-BR 03-00522-00-TL
COUNTY WINNEBAGO
TOTAL SHEETS 62
SHEET NO. 21
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT
STA. _____ TO STA. _____
85393