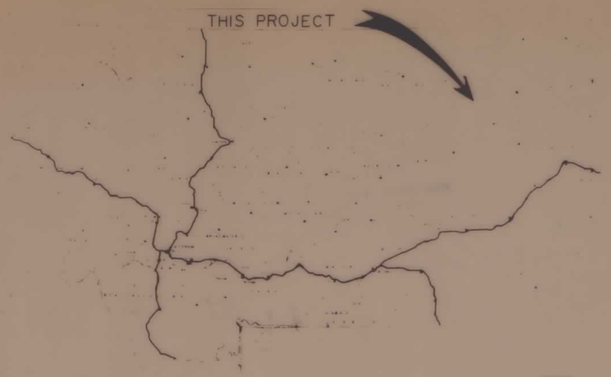
PLANS
NOT
TO
SCALE



MONTANA DEPARTMENT OF HIGHWAYS

FEDERAL AID PROJECT NO. F 42-3(7)59

PIPE REPLACEMENT

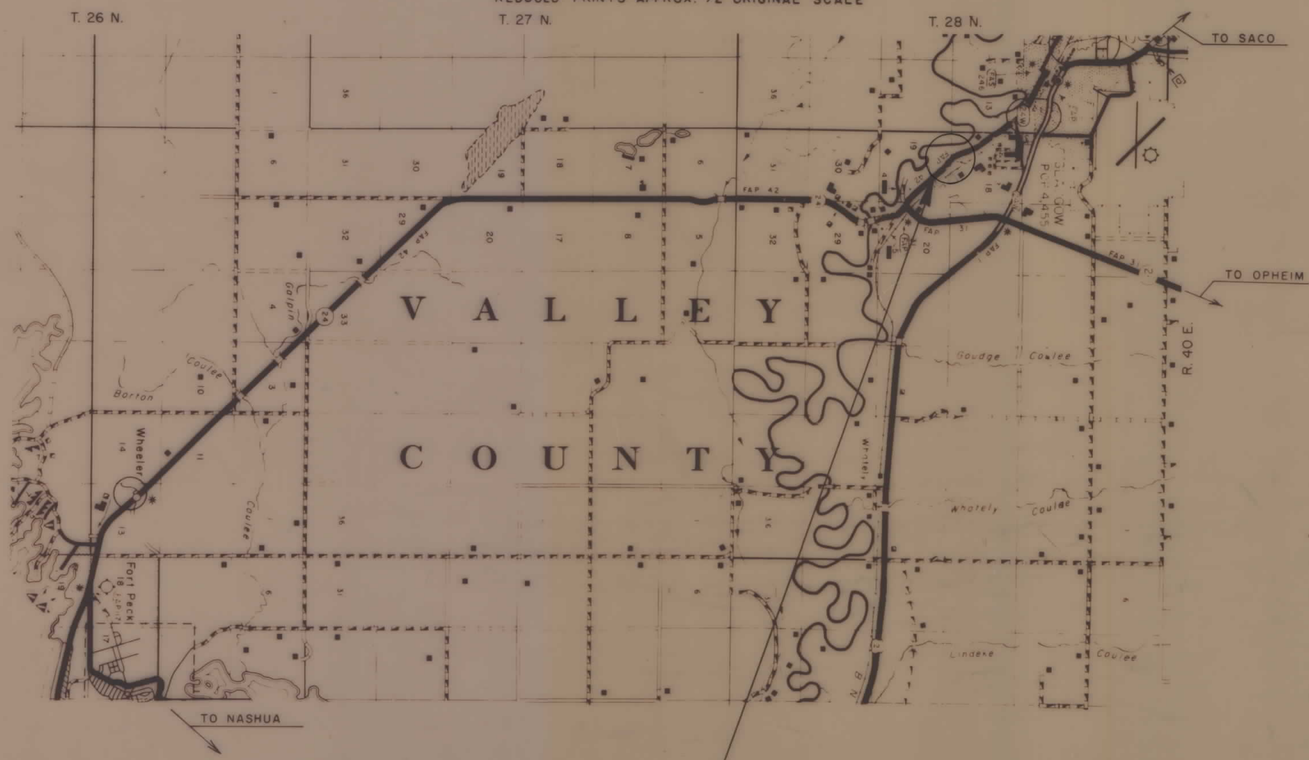
FORT PECK - GLASGOW

VALLEY COUNTY

LENGTH MILES

SCALES

HORIZONTAL: 1 Inch= Feet
VERTICAL: 1 Inch= Feet
CROSS SECTIONS--HOR. & VERT.: 1 Inch= Feet
REDUCED PRINTS APPROX. 1/2 ORIGINAL SCALE



THIS CONTRACT — STA. 101+95 BEG. PROJ. / STA. 102+75 END. PROJ.

RELATED PROJECTS

ASSOCIATED PROJECT AGREEMENT NUMBERS	
R W & I.C.	
P. E.	F 42-3(7)59

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

APPROVED: March 7 19 86

GARY J. WICKS
DIRECTOR OF HIGHWAYS
BY Stephen C. Kologi
CHIEF
PRECONSTRUCTION BUREAU

MONTANA
STEPHEN C. KOLOGI
1241 E
REGISTERED
PROFESSIONAL ENGINEER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

F 42-3(7)59 SHT 1 OF 3

F42-3(7)59 2 3

93+83 MT. POWER 2 WIRES X-ING 26.6 C.L.

94+60 TELEPHONE 1 WIRE X-ING

94+80 N.G. 2 LN. X-ING

94+90 MT. POWER GUY WIRE 22.0 CL.

101+79 MT. POWER 3 WIRE X-ING 22.5 CL.

102+15 N.G. 2 LN. X-ING

OWNERSHIPS

PARCEL	NAME	ADDRESS	TOTAL AREA	GROSS R/W AREA	P.T.W. AREA	AREA TO BE ACQUIRED	CONSTRUCTION PERMIT
1	Glasgow Livestock Sales Co.	Glasgow, Mt.					10000 sq. ft.
2	Kelvin D. & Joyce M. Morehouse	Glasgow, Mt.					1500 sq. ft.

PLAN — SURVEYED, PLOTTED, DRAWN CHECKED, ALIGNMENT CHECKED, AS STAKED, NOTE BOOK, No., VERTICAL EXAGGERATION CHECKED

PROFILE — SURVEYED, PLOTTED, DRAWN CHECKED, ALIGNMENT CHECKED, AS STAKED, NOTE BOOK, No., VERTICAL EXAGGERATION CHECKED

SW4 SE4 SEC 18

SE4 SW4 SEC 18

R 40 E

LOT 1 SEC 19

LOT 2 SEC 19

90

100

110

EX. R/W

S 19°5' E

S 45°29' 40" E

S 35°06' 40" E

P.C. 92+100.8

Δ = 38°15' LT.
D = 5°00'
L = 765.0
R = 1145.9'
E = 66.9'
M = 0.08'

P.T. 99+65.8

680'

97+58.2

P.T. 95+98.0

102+00 BEG 100' CONSTR. PERMIT

103+00 END 100' CONSTR. PERMIT

P.T. 106+46

Δ = 12°37' RT.
D = 3°00'
T = 211.1'
L = 420.6'
R = 1909.9'
E = 11.6'
M = 0.07'

P.C. 104+33.5

P.T. 108+54

WILK RIVER

INLET DITCH

STA 102+27
54° C.MP REMOVE
STR 102+37
NEW 120° C.S.P. 0.105
SKEW 12° RT
INCL CONC CUT OFF WALLS
CONC EDGE PROT. WALLS
RIPRAP EDGE PROT.

BEGIN 24' PERMIT 101+00 DEG 25' CONSTR. PERMIT

102+60 END 25' CONSTR. PERMIT

STA 101+95 BEG PROJ. NO. F42-3(7)59

STA 102+75 END PROJ. NO. F42-3(7)59

STA 101+95 BEG PROJ.

STA 102+ END PROJ.

2090

2080

90 5 100 5 110 5

K·E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.

F 42-3(7)59 SHT 2 OF 3

F 42-3(7)59 3

72-CY
CMP 1

10 X 10 TO THE INCH
KEUFFEL & ESSER CO.
MADE IN U.S.A.

STA 102+27
STATE EMP
INLET ELEV 741.0
STA 102+37
SKEW 20°
12"ø C.M.P. CURV. EXT.
INCL. CONC. CUTOFF WALLS
7.0 C.Y. CURV. EXC.
4.0 C.Y. DA. OD CONC.
CONC. EDGE PROT. INLET
2.3 C.Y. CL. CL. CONC.
RIPRAP CLASS 1 PLACED
18" ø C.M.P. FLARE END SECTION
1.80 C.Y. SEEDING MATL.

DETAIL
CULV. EXC.

EXIST. C/L

STA. 102+27
FL. ELEV. 735
OUTLET

54" X 86" C.M.P. 102 ø

STA. 102+95
FL. ELEV. 735
INLET

MEAN THALWEG ELEV. 72.2 ~ STA. 102+46 ~ FL. ELEV. 72.5

R/W EXIST

105+07	98.2
104+88	98.2
104+67	98.1
104+33.5 PC	98.2
104+00	98.1
103+00	98.8
102+27	92.1
101+72	92.8
101+47	92.8
101+20	92.6
101+04	92.6
100+81	92.4
100+64	92.6
99+65.8	92.6
98+73	92.6

F 42-3(7)59 SHT 3 OF 3