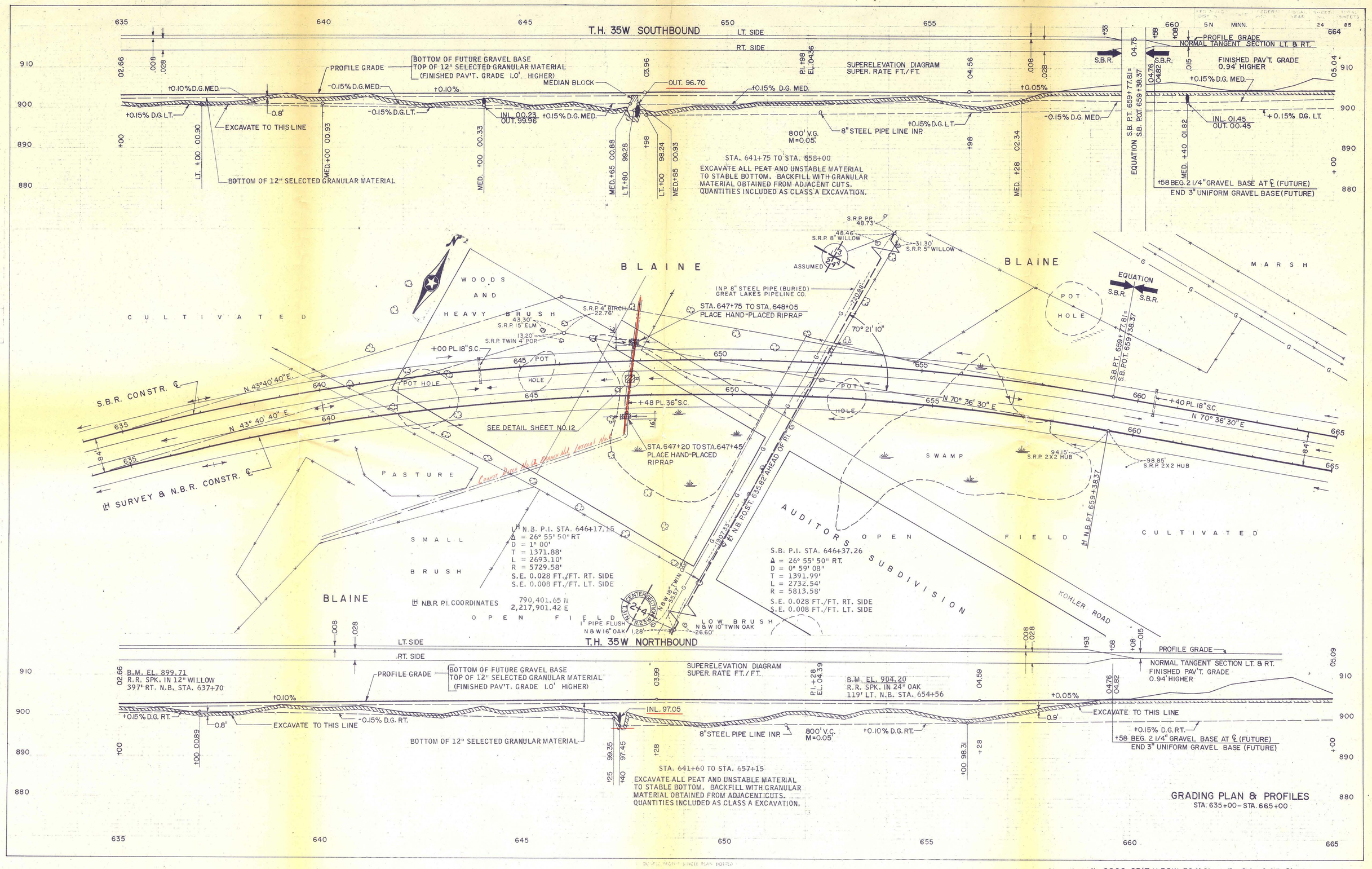
T.H. 35W SOUTHBOUND
LT. SIDE
RT. SIDE
PROFILE GRADE
BOTTOM OF FUTURE GRAVEL BASE
TOP OF 12" SELECTED GRANULAR MATERIAL
(FINISHED PAV'T. GRADE 1.0' HIGHER)
MEDIAN BLOCK
OUT. 96.70
+0.10% D.G. MED.
-0.15% D.G. MED.
+0.10%
+0.15% D.G. MED.
+0.05%
+0.15% D.G. LT.
-0.15% D.G. LT.
INL. 00.23
OUT. 99.96
EXCAVATE TO THIS LINE
BOTTOM OF 12" SELECTED GRANULAR MATERIAL
SUPERELEVATION DIAGRAM
SUPER. RATE FT./FT.
800' V.C.
M=0.05
8" STEEL PIPE LINE INP.
STA. 641+75 TO STA. 658+00
EXCAVATE ALL PEAT AND UNSTABLE MATERIAL
TO STABLE BOTTOM. BACKFILL WITH GRANULAR
MATERIAL OBTAINED FROM ADJACENT CUTS.
QUANTITIES INCLUDED AS CLASS A EXCAVATION.
S.B.R.
EQUATION
S.B. P.T. 659+77.81=
S.B. POT. 659+38.37
NORMAL TANGENT SECTION LT. & RT.
FINISHED PAV'T. GRADE
0.94' HIGHER
INL. 01.45
OUT. 00.45
+58 BEG. 2 1/4" GRAVEL BASE AT ℄ (FUTURE)
END 3" UNIFORM GRAVEL BASE (FUTURE)
B.M. EL. 899.71
R.R. SPK. IN 12" WILLOW
397' RT. N.B. STA. 637+70
B.M. EL. 904.20
R.R. SPK. IN 24" OAK
119' LT. N.B. STA. 654+56
INL. 97.05
STA. 641+60 TO STA. 657+15
EXCAVATE ALL PEAT AND UNSTABLE MATERIAL
TO STABLE BOTTOM. BACKFILL WITH GRANULAR
MATERIAL OBTAINED FROM ADJACENT CUTS.
QUANTITIES INCLUDED AS CLASS A EXCAVATION.
GRADING PLAN & PROFILES
STA. 635+00 - STA. 665+00
BLAINE
WOODS AND HEAVY BRUSH
CULTIVATED
MARSH
POT HOLE
SWAMP
PASTURE
SMALL BRUSH
OPEN FIELD
LOW BRUSH
AUDITORS SUBDIVISION
KOHLER ROAD
S.R.P. 4" BIRCH
S.R.P. 15" ELM
S.R.P. TWIN 4" POP
+00 PL. 18" S.C.
+48 PL. 36" S.C.
+40 PL. 18" S.C.
SEE DETAIL SHEET NO. 12
STA. 647+75 TO STA. 648+05
PLACE HAND-PLACED RIPRAP
STA. 647+20 TO STA. 647+45
PLACE HAND-PLACED RIPRAP
INP 8" STEEL PIPE (BURIED)
GREAT LAKES PIPELINE CO.
70° 21' 10"
N 43° 40' 40" E
N 70° 36' 30" E
S.B.R. CONSTR. ℄
L.H. SURVEY & N.B.R. CONSTR. ℄
L.H. N.B. P.I. STA. 646+17.15
Δ = 26° 55' 50" RT
D = 1° 00'
T = 1371.88'
L = 2693.10'
R = 5729.58'
S.E. 0.028 FT./FT. RT. SIDE
S.E. 0.008 FT./FT. LT. SIDE
L.H. N.B.R. P.I. COORDINATES 790,401.65 N 2,217,901.42 E
S.B. P.I. STA. 646+37.26
Δ = 26° 55' 50" RT.
D = 0° 59' 08"
T = 1391.99'
L = 2732.54'
R = 5813.58'
S.E. 0.028 FT./FT. RT. SIDE
S.E. 0.008 FT./FT. LT. SIDE
L.H. N.B. P.T. 635.82' AHEAD
L.H. N.B. P.T. 659+38.37
94.15' S.R.P. 2X2 HUB
98.85' S.R.P. 2X2 HUB
S.R.P. PP 48.73'
S.R.P. 8" WILLOW
S.R.P. 5" WILLOW
ASSUMED
Culvert Pipe No. 12 Shown Not Lateral No. 4
635
640
645
650
655
660
665
910
900
890
880