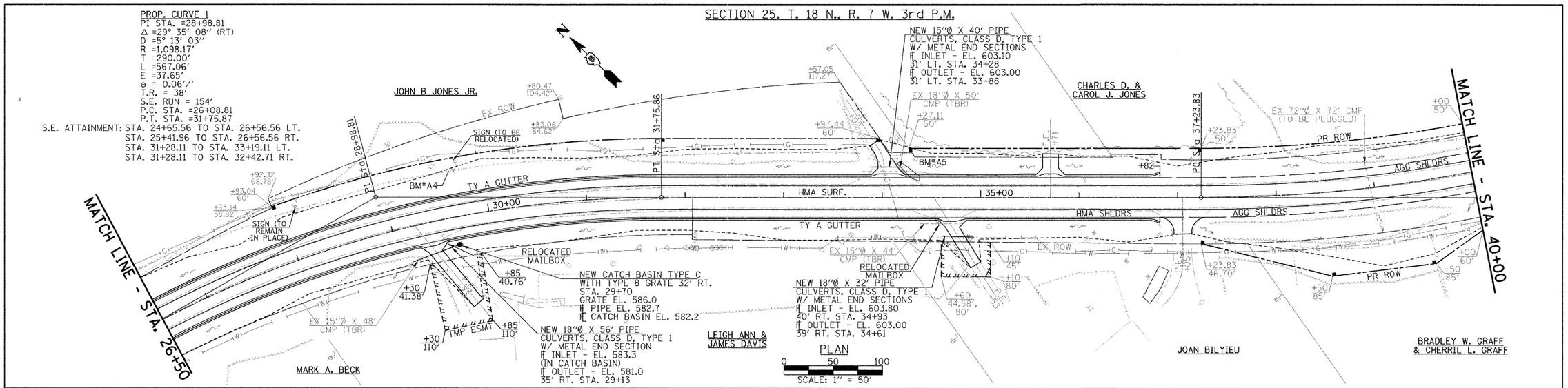
SECTION 25, T. 18 N., R. 7 W. 3rd P.M.

PROP. CURVE 1
PI STA. =28+98.81
Δ =29° 35′ 08″ (RT)
D =5° 13′ 03″
R =1,098.17′
T =290.00′
L =567.06′
E =37.65′
e = 0.06′/′
T.R. = 38′
S.E. RUN = 154′
P.C. STA. =26+08.81
P.T. STA. =31+75.87
S.E. ATTAINMENT: STA. 24+65.56 TO STA. 26+56.56 LT.
STA. 25+41.96 TO STA. 26+56.56 RT.
STA. 31+28.11 TO STA. 33+19.11 LT.
STA. 31+28.11 TO STA. 32+42.71 RT.



BENCHMARKS: BM*A4 - SPIKE NAIL IN WOOD FENCE POST
44′ LT. STA. 29+67 ELEV. 592.38
BM*A5 - SPIKE NAIL IN POWER POLE
40′ LT. STA. 34+35 ELEV. 609.72

930.00′ V.C.
M.O. = 8.91′
K = 121
VPI STA. 31+75.00
TAN. ELEV. 607.87
+0.20%
-7.87%
+0.20%
+0.20%
VPI STA. 36+40.00
ELEV. 608.80
VPC STA. 27+40.00
ELEV. 571.30
℄ PR RDWY
℄ EX RDWY
MATCH LINE - STA. 26+50
MATCH LINE - STA. 40+00

EARTH EXCAVATION - 1101 CU. YD.
FURNISHED EXCAVATION - 3018 CU. YD.
EMBANKMENT - 3844 CU. YD.
HMA BINDER COURSE - 348 TON

PROFILE

	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	40+00
(EXISTING)	567.16	571.16	575.03	578.59	581.86	585.08	588.12	590.81	593.23	595.34	597.22	599.02	600.81	602.55
(PROPOSED)	566.58	570.52	574.38	578.05	581.50	584.76	587.80	590.64	593.28	595.71	597.93	599.94	601.75	603.36

	604.07	605.29	606.42	607.34	608.00	608.55	608.98	609.05	609.02	609.14	609.21	609.41	609.52	609.40
	604.75	605.95	606.93	607.71	608.29	608.65	608.82	608.92	609.02	609.12	609.22	609.32	609.42	609.52

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
	PLOT DATE = $DATE$	CHECKED -	REVISED -

Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217)544-8033 IL. Design Firm
No. 184-001907

PLAN & PROFILE

SCALE: 1" = 50′ | SHEET NO. OF SHEETS | STA. 13+55.00 TO STA. 52+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	08-00056-03-PV	MENARD	52	15

CONTRACT NO. 93558
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLAN: DATE, BY, WORKFILE PLOTTED, ALIGNMENT CHECKED, GRADES CHECKED, NOTE BOOK, NO., CADD FILE NAME

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, NOTE BOOK, NO., STRUCTURE NOTATNS CHKD