RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
C.H. 39	01-00158-00-BR	MACON	13	3
STA. 9+00.68	TO STA. 20+97.65			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT BRS-1154(8)		

91296

HORZ. 50 0 50 100 SCALE IN FEET

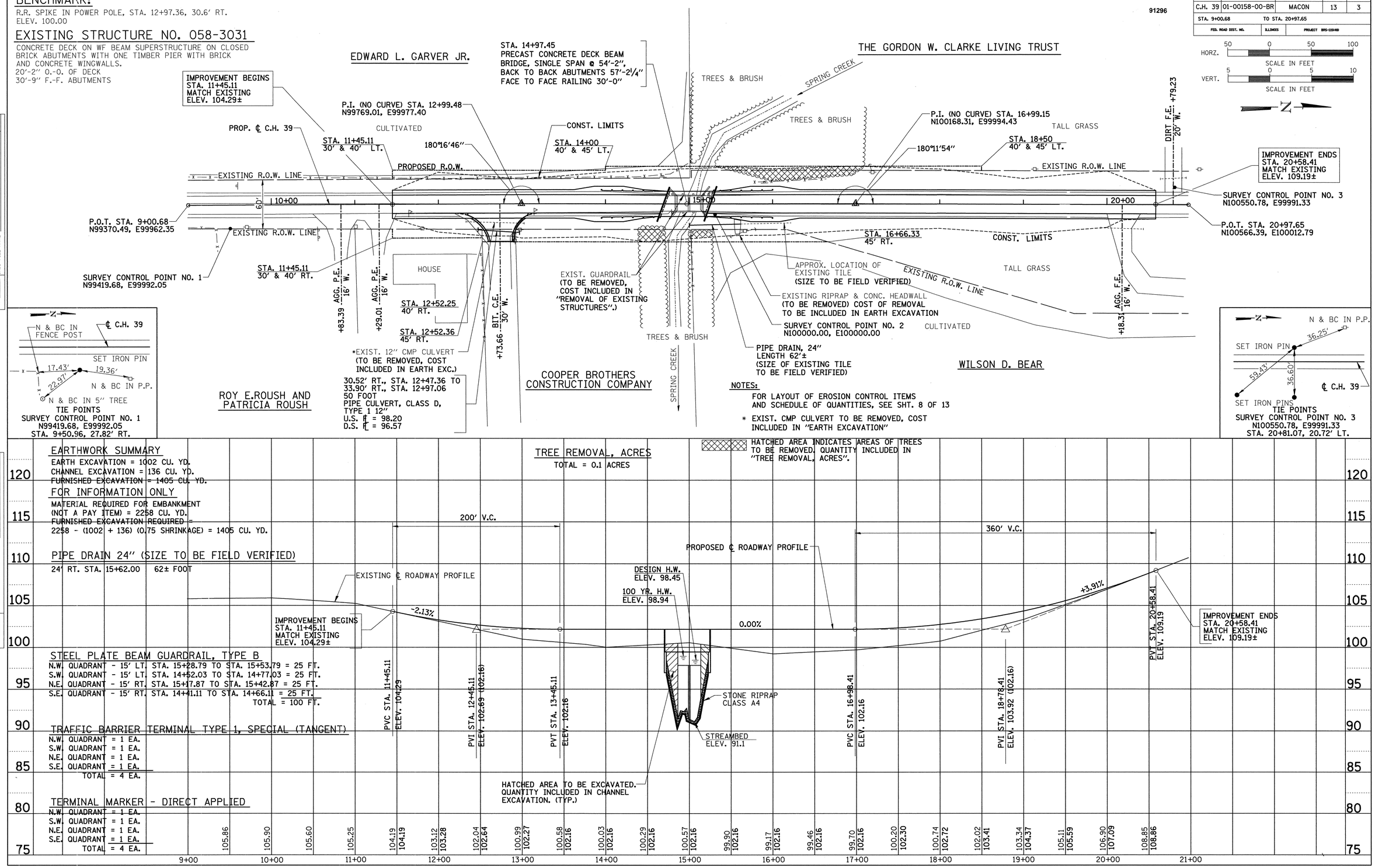
VERT. 5 0 5 10 SCALE IN FEET

BENCHMARK:

R.R. SPIKE IN POWER POLE, STA. 12+97.36, 30.6' RT.
ELEV. 100.00

EXISTING STRUCTURE NO. 058-3031

CONCRETE DECK ON WF BEAM SUPERSTRUCTURE ON CLOSED BRICK ABUTMENTS WITH ONE TIMBER PIER WITH BRICK AND CONCRETE WINGWALLS.
20'-2" O.-O. OF DECK
30'-9" F.-F. ABUTMENTS



NOTES:

FOR LAYOUT OF EROSION CONTROL ITEMS AND SCHEDULE OF QUANTITIES, SEE SHT. 8 OF 13

* EXIST. CMP CULVERT TO BE REMOVED, COST INCLUDED IN "EARTH EXCAVATION"

HATCHED AREA INDICATES AREAS OF TREES TO BE REMOVED. QUANTITY INCLUDED IN "TREE REMOVAL, ACRES".

EARTHWORK SUMMARY

EARTH EXCAVATION = 1002 CU. YD.
CHANNEL EXCAVATION = 136 CU. YD.
FURNISHED EXCAVATION = 1405 CU. YD.

FOR INFORMATION ONLY

MATERIAL REQUIRED FOR EMBANKMENT (NOT A PAY ITEM) = 2258 CU. YD.
FURNISHED EXCAVATION REQUIRED =
2258 - (1002 + 136) (0.75 SHRINKAGE) = 1405 CU. YD.

PIPE DRAIN 24" (SIZE TO BE FIELD VERIFIED)

24" RT. STA. 15+62.00 62± FOOT

STEEL PLATE BEAM GUARDRAIL, TYPE B

N.W. QUADRANT - 15' LT. STA. 15+28.79 TO STA. 15+53.79 = 25 FT.
S.W. QUADRANT - 15' LT. STA. 14+52.03 TO STA. 14+77.03 = 25 FT.
N.E. QUADRANT - 15' RT. STA. 15+17.87 TO STA. 15+42.87 = 25 FT.
S.E. QUADRANT - 15' RT. STA. 14+41.11 TO STA. 14+66.11 = 25 FT.
TOTAL = 100 FT.

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

N.W. QUADRANT = 1 EA.
S.W. QUADRANT = 1 EA.
N.E. QUADRANT = 1 EA.
S.E. QUADRANT = 1 EA.
TOTAL = 4 EA.

TERMINAL MARKER - DIRECT APPLIED

N.W. QUADRANT = 1 EA.
S.W. QUADRANT = 1 EA.
N.E. QUADRANT = 1 EA.
S.E. QUADRANT = 1 EA.
TOTAL = 4 EA.

TREE REMOVAL, ACRES

TOTAL = 0.1 ACRES

PLAN: SURVEYED / PLATTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE: SURVEYED / PLATTED / GRADES CHECKED / BENCHMARK NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / BY / DATE