RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
T.R. 256	06-11116-00-BR	MACON	14	3
STA. 8+67.32	TO STA. 21+14.18			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT: BROS-115(63)		

CONTRACT NO. 95530

HORZ. 50 0 50 100 — SCALE IN FEET

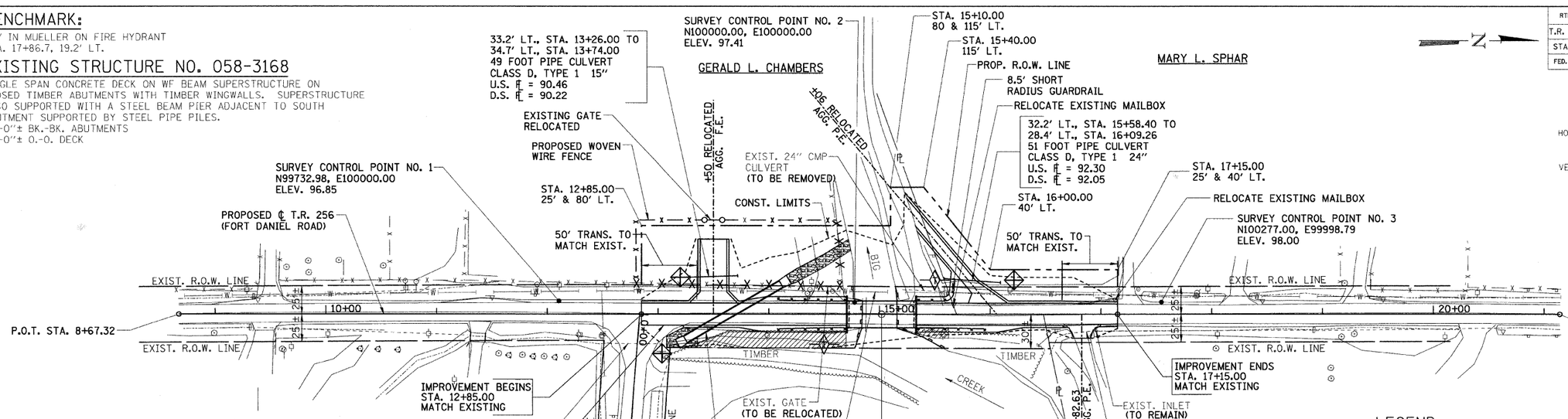
VERT. 5 0 5 10 — SCALE IN FEET

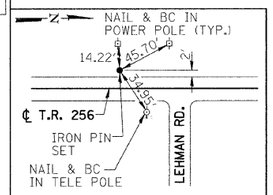
BENCHMARK:

"M" IN MUELLER ON FIRE HYDRANT
STA. 17+86.7, 19.2' LT.

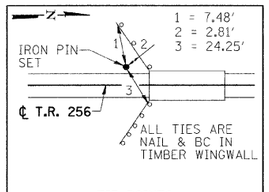
EXISTING STRUCTURE NO. 058-3168

SINGLE SPAN CONCRETE DECK ON WF BEAM SUPERSTRUCTURE ON CLOSED TIMBER ABUTMENTS WITH TIMBER WINGWALLS. SUPERSTRUCTURE ALSO SUPPORTED WITH A STEEL BEAM PIER ADJACENT TO SOUTH ABUTMENT SUPPORTED BY STEEL PIPE PILES.
32'-0"± BK.-BK. ABUTMENTS
25'-0"± O.-O. DECK





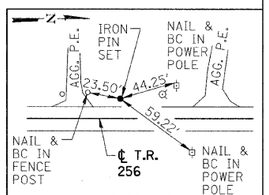
TIE POINTS
SURVEY POINT NO. 1
N99732.98, E100000.00



TIE POINTS
SURVEY POINT NO. 2
N100000.00, E100000.00

LEGEND

- PERIMETER EROSION BARRIER
- TREE REMOVAL, ACRES
- PROPOSED RIPRAP AT CULVERT INLET & OUTLET
- TEMPORARY AGGREGATE DITCH CHECK (TYP.) (COST INCLUDED IN TEMPORARY DITCH CHECK, SEE STD. 280001)
- TEMPORARY PIPE PROTECTION
- X EXISTING FENCE REMOVAL (COST INCLUDED IN EARTH EXCAVATION)



TIE POINTS
SURVEY POINT NO. 3
N100277.00, E99998.79

EARTHWORK SUMMARY

EARTH EXCAVATION = 421 CU. YD.
CHANNEL EXCAVATION = 189 CU. YD.
FURNISHED EXCAVATION = 173 CU. YD.

FOR INFORMATION ONLY, NOT A PAY ITEM
MATERIAL REQUIRED FOR EMBANKMENT = 630 CU. YD.
ESTIMATED EXCAVATED MATERIAL THAT WILL NOT BE SUITABLE FOR FILL = 0 CU. YD.

FURNISHED EXCAVATION REQUIRED =
630 - (421+173) (0.75 SHRINKAGE) = 173 CU. YD.

RELOCATE EXISTING MAILBOX

STA. 15+67, 10' LT. = 1 EA.
STA. 17+13, 15' LT. = 1 EA.
TOTAL = 2 EA.

TRAFFIC BARRIER TERMINAL, TYPE 5A

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

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

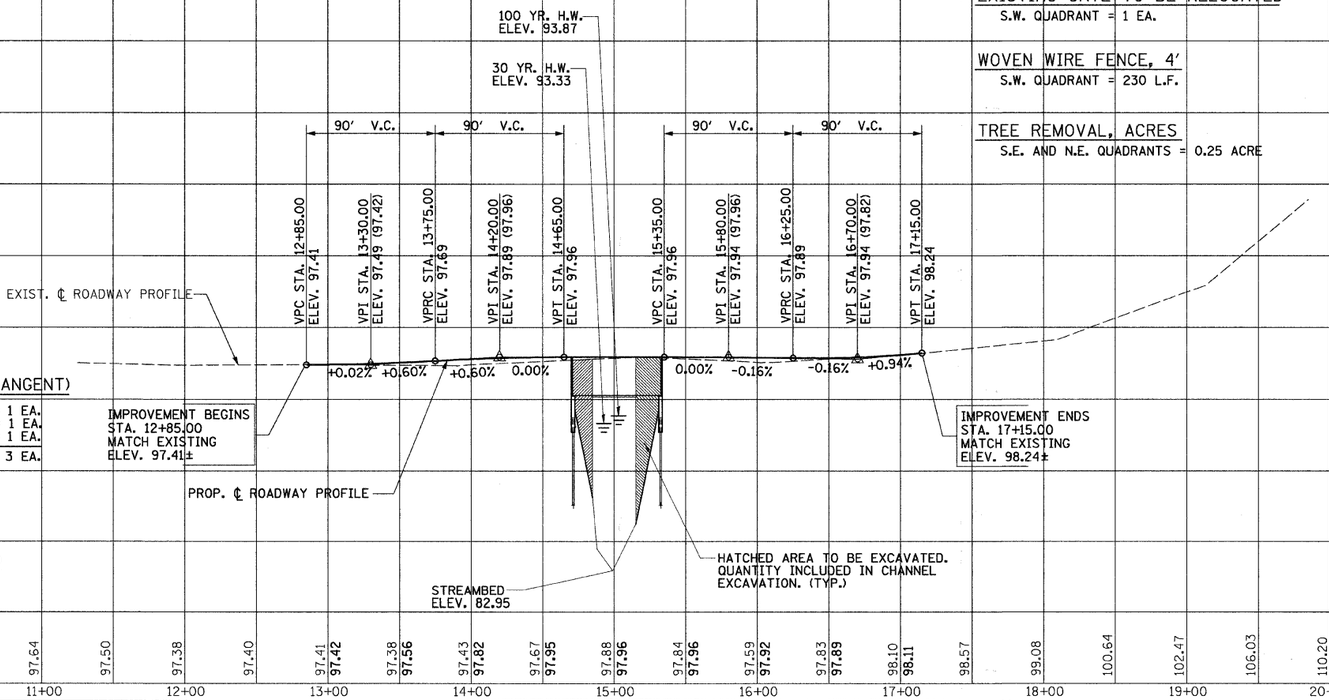
S.E. QUADRANT = 1 EA.
S.W. QUADRANT = 1 EA.
N.E. QUADRANT = 1 EA.
TOTAL = 3 EA.

TRAFFIC BARRIER TERMINAL, TYPE 2

N.W. QUADRANT = 1 EA.
TOTAL = 1 EA.

STEEL PLATE BEAM GUARD RAIL (SHORT RADIUS)

N.W. QUADRANT = 25 FT.
TOTAL = 25 FT.



	104.19	101.61	99.77	98.41	97.64	97.50	97.38	97.40	97.41	97.42	97.38	97.56	97.43	97.82	97.67	97.95	97.88	97.96	97.84	97.96	97.59	97.92	97.83	97.89	98.10	98.11	98.57	99.08	100.64	102.47	106.03	110.20	113.80	117.16
	9+00		10+00		11+00		12+00		13+00		14+00		15+00		16+00		17+00		18+00		19+00		20+00		21+00										

EXISTING GATE TO BE RELOCATED

S.W. QUADRANT = 1 EA.

WOVEN WIRE FENCE, 4'

S.W. QUADRANT = 230 L.F.

TREE REMOVAL, ACRES

S.E. AND N.E. QUADRANTS = 0.25 ACRE

TEMPORARY DITCH CHECKS

STA. 14+50, 30.2' RT. = 1 EACH
STA. 15+50, 32.8' LT. = 1 EACH
TOTAL = 2 EACH

PERIMETER EROSION BARRIER

TO BE CONSTRUCTED AT LOCATIONS SHOWN ON PLANS. LAYOUT MAY VARY AS DIRECTED BY THE ENGINEER.
TOTAL = 148 FOOT

INLET AND PIPE PROTECTION

22.6' RT., STA. 13+24.7 = 1 EACH
33.2' LT., STA. 13+26.0 = 1 EACH
28.4' LT., STA. 16+09.3 = 1 EACH
TOTAL = 3 EACH

SEEDING, CLASS 2

AREA INSIDE OF CONSTRUCTION LIMITS, LESS ROADWAY.
TOTAL = 0.75 ACRES

NITROGEN FERTILIZER NUTRIENT

TOTAL = 68 POUNDS

PHOSPHORUS FERTILIZER NUTRIENT

TOTAL = 68 POUNDS

POTASSIUM FERTILIZER NUTRIENT

TOTAL = 68 POUNDS

MULCH, METHOD 2

TOTAL = 0.75 ACRES

STONE RIPRAP, CLASS A4

BRIDGE ABUT. SLOPES = 372 SQ YD
P CUL 1 RC-E EQRS 60 (U.S.) = 32 SQ YD
P CUL 1 RC-E EQRS 60 (D.S.) = 72 SQ YD
TOTAL = 476 SQ YD