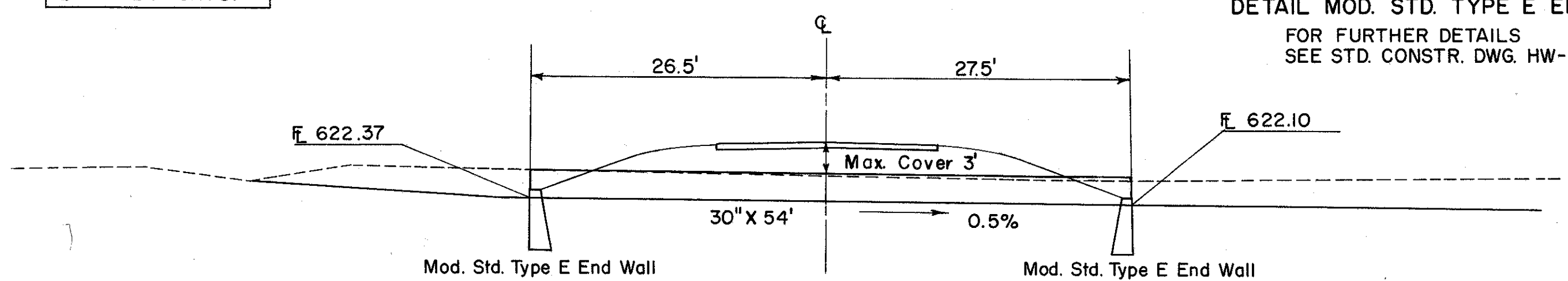


AREA = 30 AC.
Q10 = 27 C.F.S.

DETAIL MOD. STD. TYPE E END WALL
FOR FURTHER DETAILS
SEE STD. CONSTR. DWG. HW-E



CULVERT DATA

TYPE: I-1 Pipe Class A-1 Sec. M-6.6(b) or Sec. M-6.8(b),
with Mod. Std. Type E End Walls.

SIZE: 30" x 54'

WORK REQUIRED: Build a 30" Pipe Culvert with
Mod. Std. Type E End Walls Lt. & Rt. Place Sodding
Around Headwalls and Excavate Channel
Lt. & Rt. as Shown.

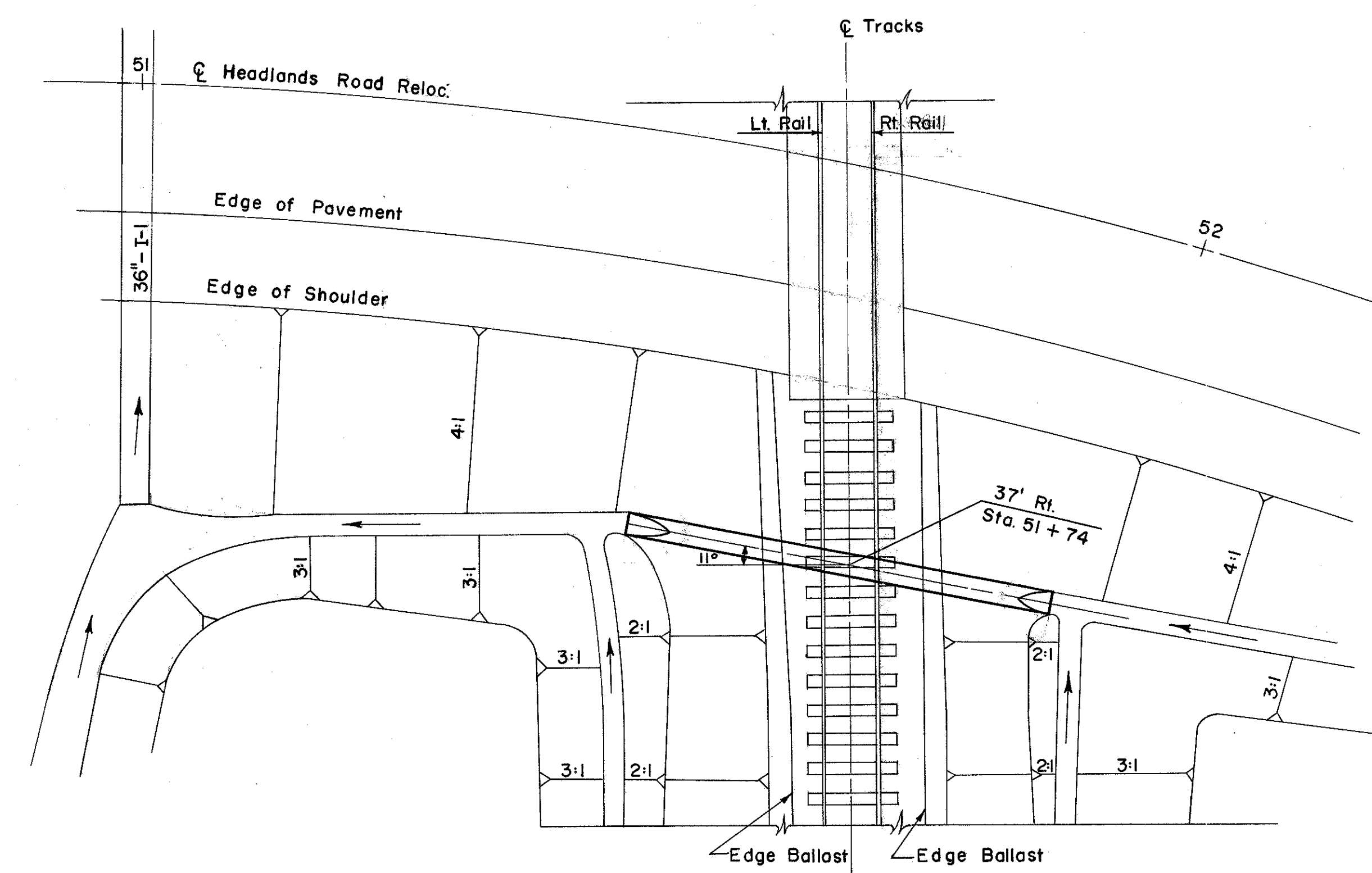
ESTIMATED QUANTITIES

E-3, Channel Excavation	11 C. Y.*
I-1 30" Pipe Class A-1 Sec. M-6.6(b) or M-6.8(b)	54 L. F.
I-2 Masonry	2.68 C. Y.
L-10 Sodding	7 S. Y.

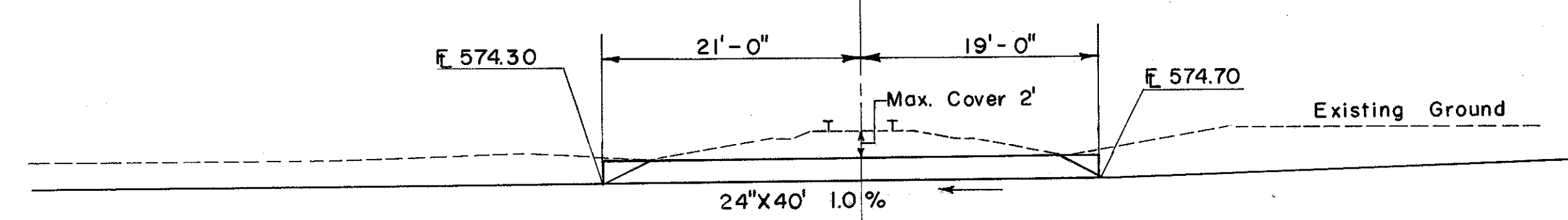
*NOTE:
For Channel Excavation on Rt.
See Sheet 102

Scale: 1" = 10'

PIPE CULVERT STA. 149+00
FRONTAGE ROAD LEFT



AREA = 14 AC.
Q 25 = 18 C.F.S.



CULVERT DATA

TYPE: I-1 Pipe Class A-1 Sec. M-6.4 (d)

SIZE: 24" x 40'

WORK REQUIRED: Build a 24" Pipe Culvert
Deepen Existing Ditch Both Sides of Railroad
Embankment to Meet New Ditch Along Right
Side of Headlands Road Reloc. Ditch
Transition in 50' to be Paid Under Item
E-3 Channel Excavation.

ESTIMATED QUANTITIES

E-3, Channel Excavation	39 C. Y.
I-1 24" Pipe Class A-1 Sec. M-6.4(d) 12 Ga.	40 L. F.

Scale: 1" = 10'

PIPE CULVERT
37' Rt. Sta. 51+74 Headlands Rd.