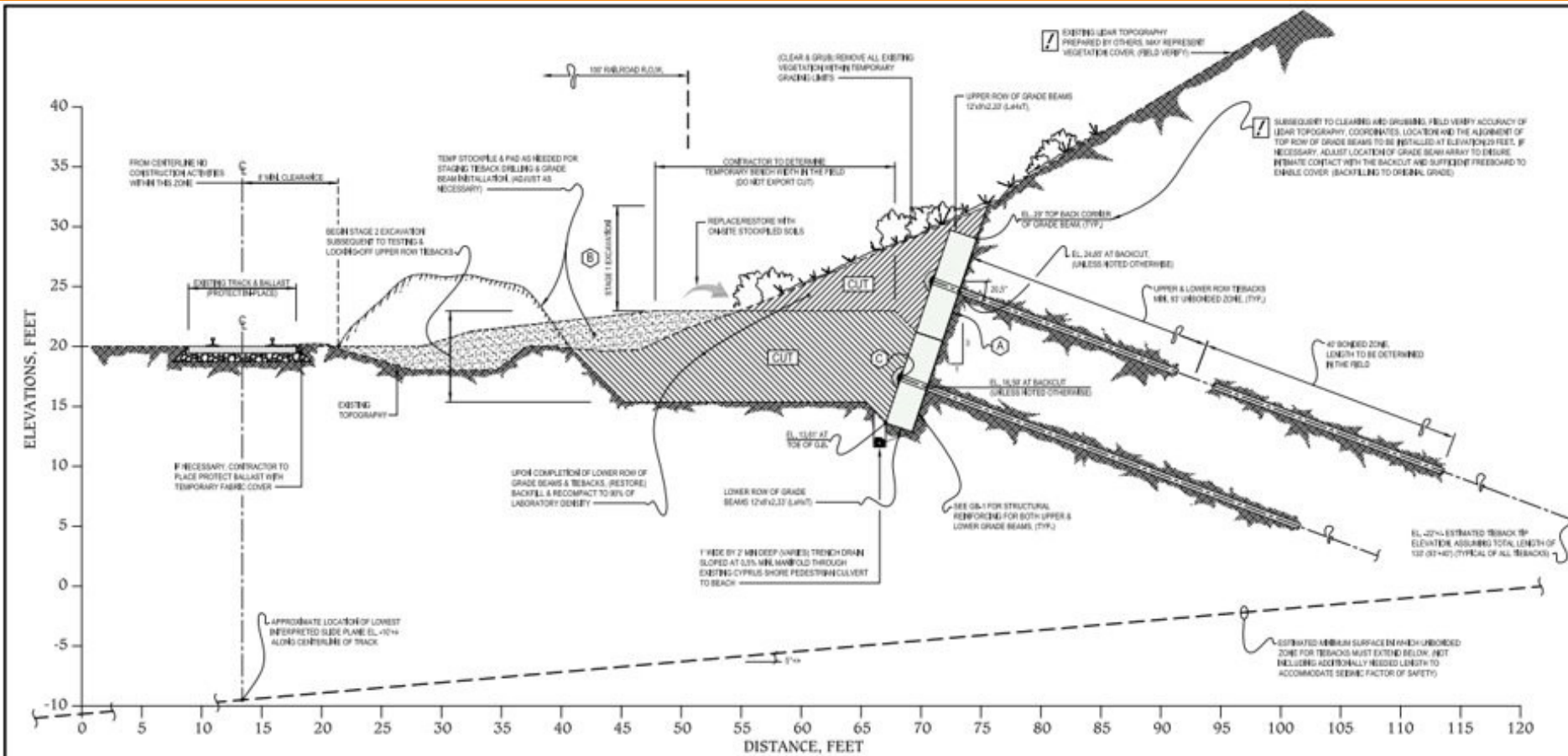


Emergency Railroad Track Stabilization

Near Milepost 206.8 on the Orange Subdivision

Tiebacks/Grade Beam Section and Elevation



NOTES:

- EXCEPT FOR OBJECTONABLE & DELETERIOUS MATERIALS RESULTING FROM CLEARING & GRUBBING, ALL EXCAVATED SOILS TO REMAIN ON-SITE FOR BACKFILLING (NO EXPORT).
- SUBSEQUENT TO COMPLETION OF STABILIZATION MEASURES, RESTORE SLOPE FACE BY MIXTURE CONSTRUCTION AND RECOMPACT THE APPROVED STOCKPILED SOILS TO A MINIMUM OF 90% OF THE MAXIMUM DRY DENSITY, AS DETERMINED BY THE MOST RECENT VERSION OF ASTM D-1557 OR AN APPROVED ALTERNATE STANDARD.

TYPICAL GRADE BEAM LAYOUT CROSS SECTION 19
SCALE: 1"=4'

- (A) STARTING 12" BELOW TOP OF GRADE BEAM, PLACE 4" WIDE STRIP OF GEOTEXTILE DRAIN BOARD CENTERED BEHIND GRADE BEAM, 1 PANEL PER GRADE BEAM CONNECTED TO TRENCH DRAIN (TYP.)
- (B) TO THE MAXIMUM EXTENT PRACTICABLE, MINIMIZE THE EXTENT AND DEPTH OF THE NECESSARY INITIAL STAGE 1 CUT. DO NOT ADVANCE STAGE 2 EXCAVATION UNTIL UPPER ROW OF GRADE BEAMS ARE LOCKED-OFF.
- (C) ALL TIEBACKS ARE CENTERED ON THE OUTSIDE FACE OF THE GRADE BEAMS (TYP.)



PRELIMINARY DRAFT 11-4-22

REV.	DATE	BY	DESCRIPTION



OCTA MP 206.8 TRACK STABILIZATION
SHEET TITLE:
TYPICAL GRADE BEAM LAYOUT CROSS SECTION

AGREEMENT NO.:
C-2-2884
DRAWING SCALE:
FULL SIZE: 1"=4'
HALF SIZE: 1"=8'
SHEET 4 of 15

- 220 Tiebacks
- 110 Grade Beam Panels

Tieback Installation



March 3, 2023



April 17, 2023