

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 337	19R-1	LAKE	800	585
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 3
37 SHEETS

SEQUENCE OF CONSTRUCTION

Note: This sequence is intended to address major work items which must be staged to maintain rail service. Contractor to coordinate with the Railroad through the Engineer and stage all items of work. Refer to Railroad Notes on Sht. 2 for train schedule and information related to train operations. The placement of sub-ballast and sub-grade will not be permitted during air temperature of 0° C or less.

See Roadway Plans and Special Provisions for additional information.

Railroad = Elgin, Joliet & Eastern Railway Co.

Department = Illinois Department of Transportation

Stage I - Construct temporary runaround track.

- a. Construct earth embankment for the temporary runaround track.
- b. Contractor to perform work for subgrade and sub ballast for temporary runaround.
- c. Railroad to perform track work for the temporary runaround.

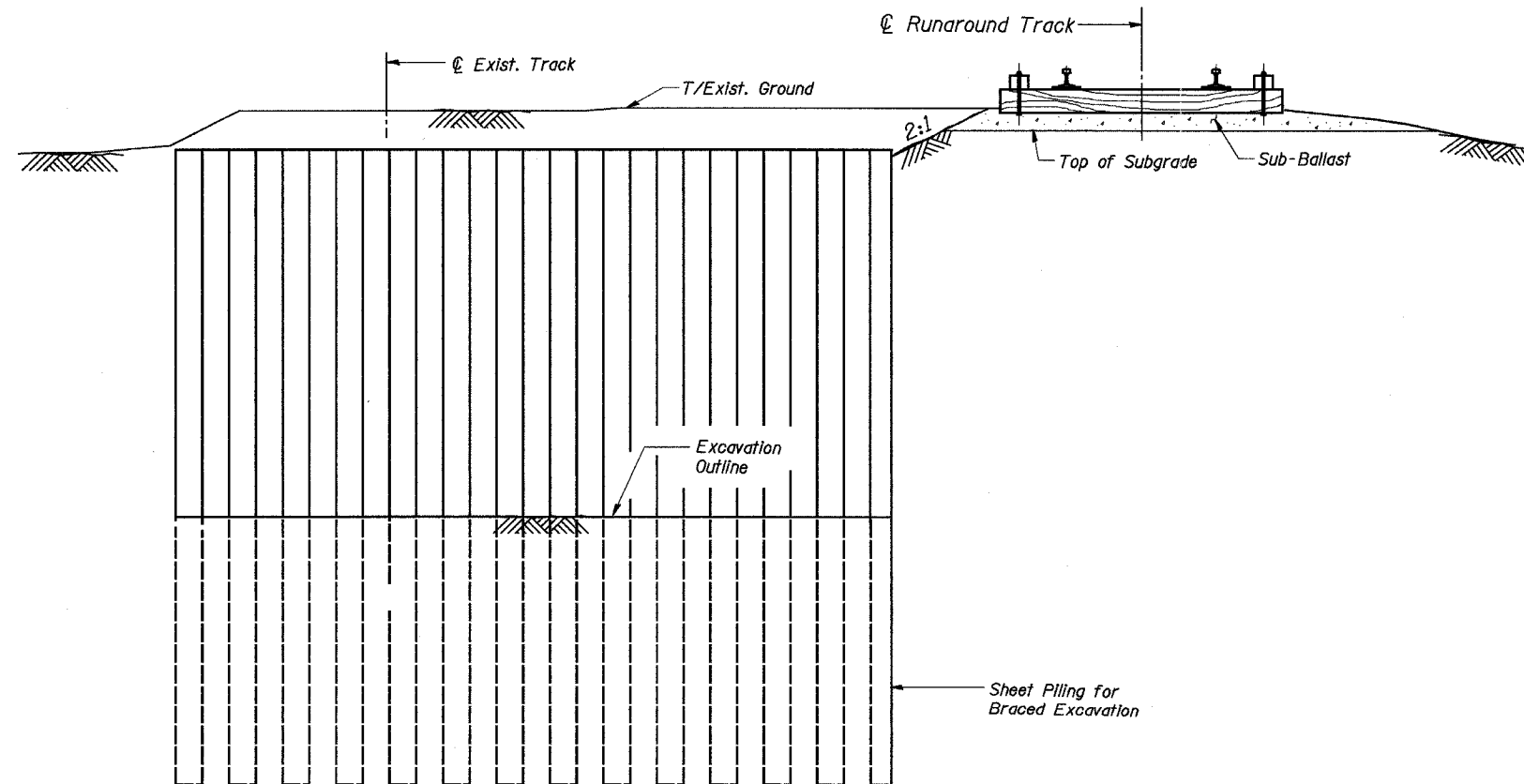
Stage II a. Drive the steel sheet piling near the area of temporary runaround track.

Stage III - Railroad to switch train operations on to the temporary runaround track.

- Stage IV a. Complete driving of steel sheet piling for both abutment braced excavation.
- b. Complete construction of both abutments concurrently.

Stage V -

- a. Excavate between the abutments down to Elevation 263.65, to erect superstructure without affecting the temporary runaround track.
- b. Erect the superstructure.
- c. Construct the wingwalls near abutment area to the construction limits without concrete facing.
- d. Remove sheet piling for braced excavation and backfill.
- e. Railroad to install 300 mm maximum ballast depth below bottom of tie, ties and rails for the new bridge.
- f. Railroad to switch train operation on the new track.
- g. Contractor to remove temporary run around track.
- h. Complete construction of wingwall in northeast quadrant.
- i. Excavation below the bridge superstructure will be performed during roadway work.



CROSS SECTION STAGES II & III
Looking North

Notes:

1. Work this sheet with sheets 2 & 4.
2. All excavation shall be performed by the Contractor. Excavation includes the embankment (including subgrade and sub-ballast) and ballast.
3. All back fill placement shall be performed by the Contractor. Back fill includes existing subgrade and existing sub-ballast except new 150mm Type B Gradation CA9 sub-ballast shall be placed after final removal of the temporary runaround.
4. The installation and removal of all track materials and the furnishing and installing of ballast for the bridge shall be done by Railroad Forces. All ballast removal and disposal shall be by the Contractor.
5. Sequence of construction shown and described is suggested. Actual proposed sequence shall be submitted to the Engineer for review.
6. Outage durations include work required by Contractor and Railroad Forces. Contractor shall coordinate with Railroad Forces.
7. All work around the railroad performed by the Contractor shall be facilitated through the use of railroad flagmen.
8. The Contractor shall perform work according to Federal Railway Administration requirements for flagging. The Contractor shall structure work so as to minimize need for flagging.
9. The work of furnishing and installing ballast by the Railroad will not be performed during winter months. The Contractor shall arrange his work schedule accordingly.

SEQUENCE OF CONSTRUCTION NOTES			
Date	Designed	EV	ELGIN, JOLIET & EASTERN RY. CO. BRIDGE OVER ILLINOIS ROUTE 22 F.A.P. ROUTE 337 SECTION (19R-1) LAKE COUNTY STATION 32+611.151 STRUCTURE NO. 049-0188
Revisions	Drawn	EV	
	Checked	NPP	
	Approved	NPP	
	Prepared By:	URS	
			Sheet No. 3 of 37