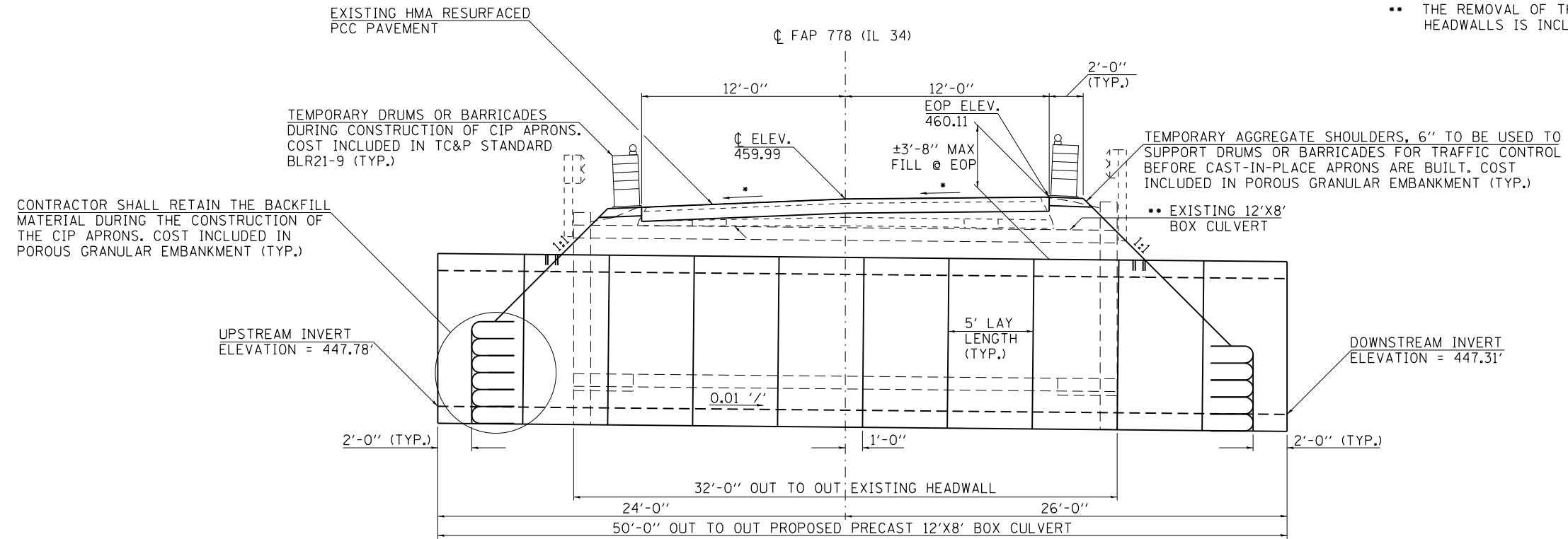


MINIMUM REQUIREMENTS TO OPEN TO TRAFFIC

- MATCH EXISTING CROSS SLOPES
- THE REMOVAL OF THE EXISTING BOX CULVERT AND HEADWALLS IS INCLUDED IN THE COST OF CONCRETE REMOVAL.



ELEVATION
(LOOKING UPSTATION)

NOTE: ALL HORIZONTAL DIMENSIONS SHOWN @ RT. L'S TO CL IL 34.

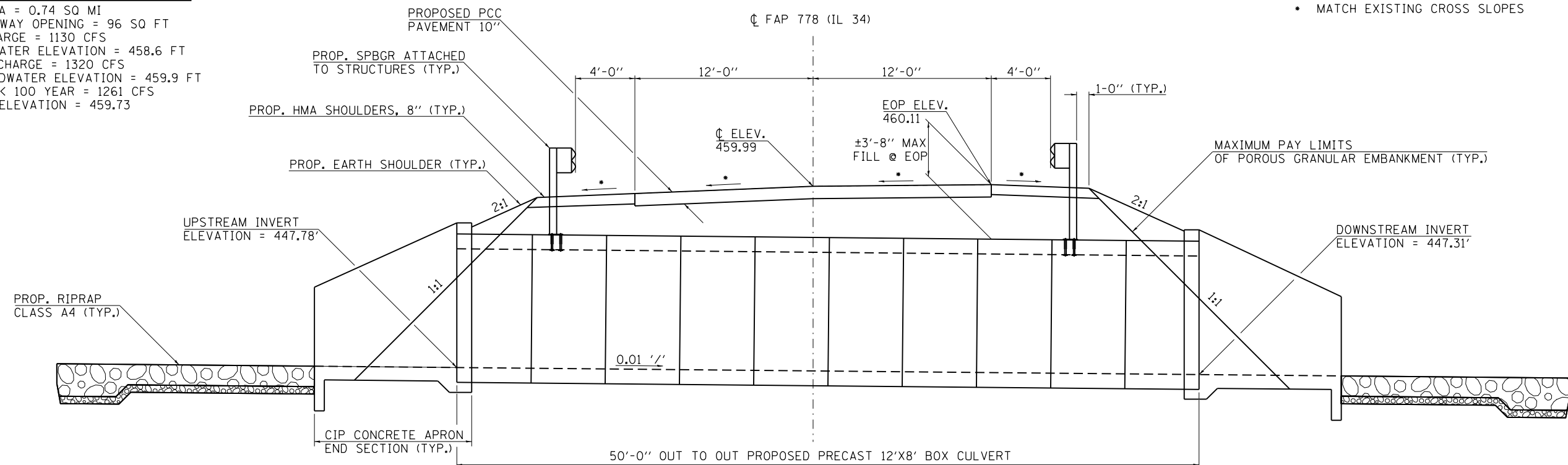
PRECAST BOX CULVERT
LOADING HL-93
ASTM C 1577

HYDRAULIC DATA (50 YR DESIGN)

DRAINAGE AREA = 0.74 SQ MI
 DESIGN WATERWAY OPENING = 96 SQ FT
 DESIGN DISCHARGE = 1130 CFS
 DESIGN HEADWATER ELEVATION = 458.6 FT
 100 YEAR DISCHARGE = 1320 CFS
 100 YEAR HEADWATER ELEVATION = 459.9 FT
 OVERTOPPING < 100 YEAR = 1261 CFS
 LOW PROFILE ELEVATION = 459.73

FINAL SECTION AFTER CONSTRUCTION OF CAST-IN-PLACE APRONS

- MATCH EXISTING CROSS SLOPES



ELEVATION
(LOOKING UPSTATION)

NOTE: ALL HORIZONTAL DIMENSIONS SHOWN @ RT. L'S TO CL IL 34.

PRECAST BOX CULVERT
LOADING HL-93
ASTM C 1577

FILE NAME =	USER NAME = porterc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY AND FINAL SECTIONS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\porterc\10322720\78316-sht-plan.dgn		DRAWN -	REVISED -		778	4B-2	HARDIN	19	11				
PLOT SCALE = 8.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 78316								
Default		DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					