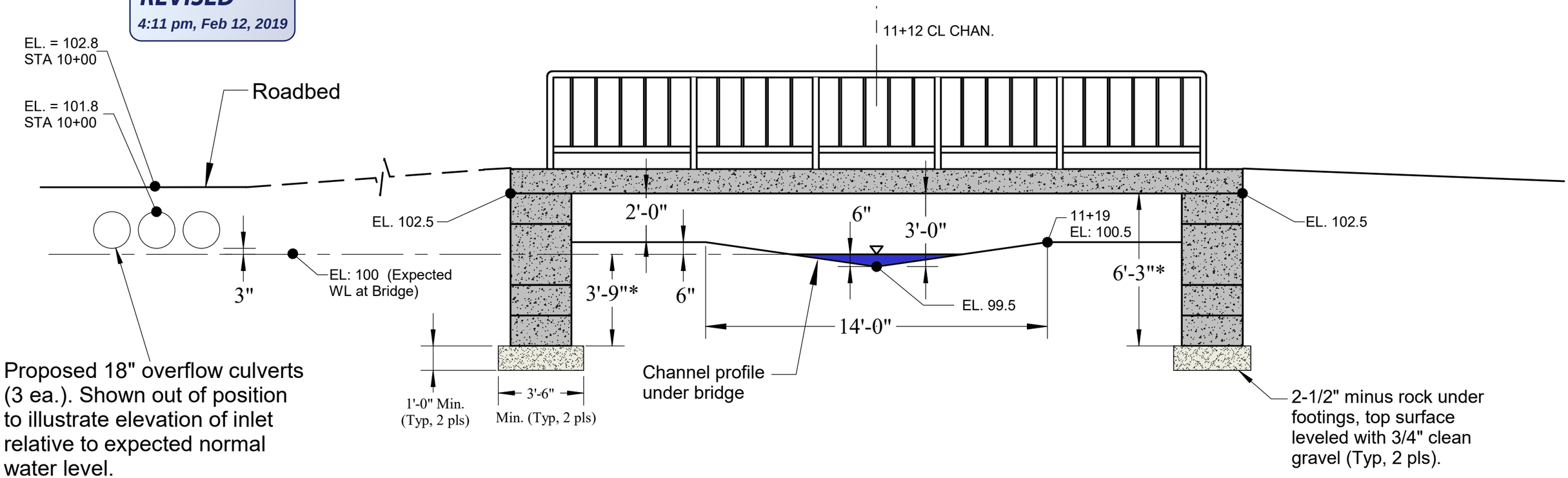
REVISED
4:11 pm, Feb 12, 2019



Proposed 18" overflow culverts (3 ea.). Shown out of position to illustrate elevation of inlet relative to expected normal water level.

Notes:
1. See sheet 1 for BM locations and elevations.
2. The intent of locating the bridge center 112' east of C17 is to take advantage of the existing outlet pool there (currently filled via overflow culverts 14,15 and16) that maintains the RIW WL at about reference elevation 100". The exisiting pool and riffle braided channels below this outlet pool eventually returns the flow to the existing channel below C17. This approach will increase the size and hydro period of the RIW.
3. The condition described in note 2. was observed during the rainy season of 2017 when beavers plugged C17 (a common occurance) and approximately half of the flow was diverted to the outlet pool previously mentioned through culverts 14, 15 and 16. This was observed up to a total flow of about 8 cfs split approximately evenly (estimated visually) between C17 and C14, C15 & C16. The maximum water level in the RIW was at rreference elevation 100.5' during that time.
4. Flow rates in the culverts were estimated using a turbine flow meter and/or the appropriate culvert flow nomograph.
5. Dimensions to bottom of footings (annotated with an asterick) may vary (+/- 1ft) based the configuration of the contracted bridge design.

BY	DATE	Revision
Karl Erickson	02/11/2019	A Revised dimensioning. Revised Notes.

Proposed Bridge with Channel Profile
Kitsap County

0 5 10 15
GRAPHIC SCALE (in feet)

DATE:1/21/2019

SHEET 4 OF 4