

I:\ProjectData\LIC\113225\Design\Structures\LIC-16-2368\SHEETS\113225\_SP001.dgn (SCALE = 10.000)

BEGIN WORK STA. 260+61.78

SURVEY S.R. 16

E200 (1930)  
BEGIN PROJECT STA. 261+24.26

E200 (1930)  
END PROJECT STA. 261+24.26

12°50' R.F. SKEW

BRIDGE STA. 261+24.26

EXISTING BR. NO. LIC-16-2368 (TO REMAIN DO NOT DISTURB)

FOR SITE ACCESS, REMOVE EXISTING CHAIN LINK FENCE & REPLACE IN SAME LOCATION

BEGIN WORK STA. 261+34.84

CONSTRUCTION LIMITS (TYP)

S.R. 16 STA 261+05.66, OFFSET 81.69' LT = SHAWNEE RUN STA 0+00.00, OFFSET 0' = CONSTRUCTION STA 0+00.00, OFFSET 0'

ITEM 504 - SHEET PILING LEFT IN PLACE, A.P.P. (PROPOSED CUTOFF WALL)

ITEM 601 - R.C.P., TYPE C (TYP)

ITEM 601 - R.C.P., TYPE B (TYP)

ITEM 601 - RIPRAP, TYPE D

**BENCHMARK DATA \*\* @ S.R. 16 \*\***

BM #1 STA. 260+55.47, ELEV. 818.008 OFFSET 116.2266', LEFT (NORTH: 751,701.0201 / EAST: 2,008,476.5000)  
BM #2 STA. 260+07.96, ELEV. 821.094 OFFSET 246.2286, LEFT (NORTH: 751,821.6065 / EAST: 2,008,408.5570)  
(ALL ARE 1" REBAR WITH AN ALUMINUM ODOT CAP)

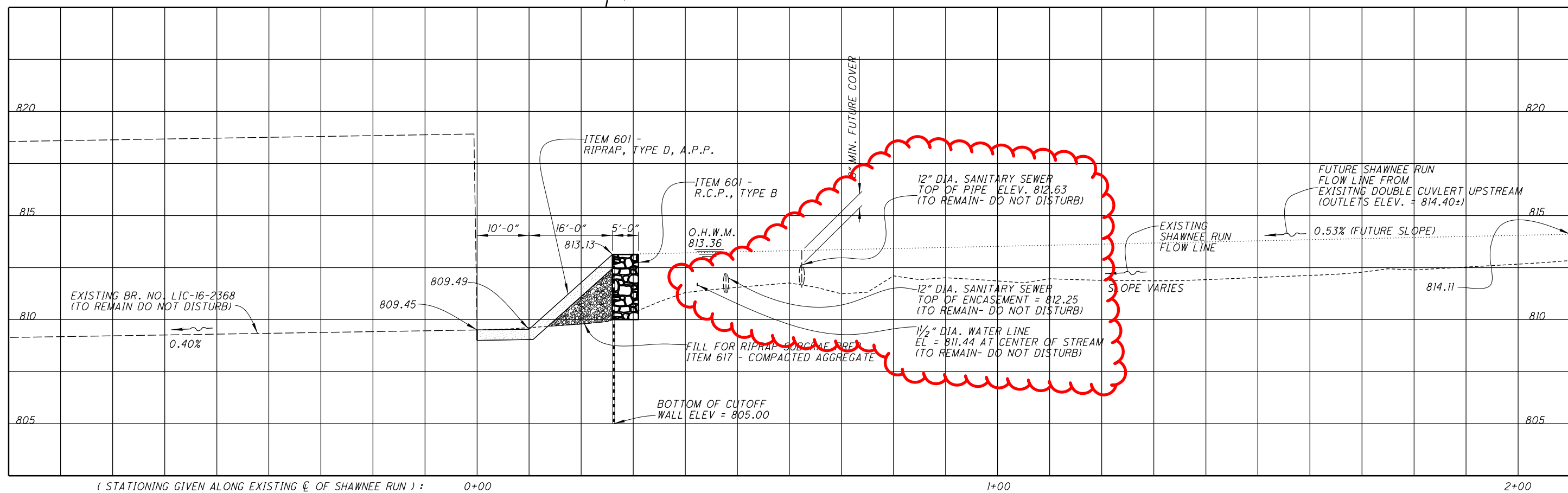
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HORIZONTAL SCALE IN FEET

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CALCULATED JDR  
CHECKED CLZ

**CHANNEL PLAN AND PROFILE (SHAWNEE RUN)**  
STA. 0+00.00 TO 2+54.34

LIC-16-23.68

4  
9



820

815

810

805

820

815

810

805

EXISTING BR. NO. LIC-16-2368 (TO REMAIN DO NOT DISTURB)

0.40%

809.45

809.49

10'-0" 16'-0" 5'-0"

813.13

ITEM 601 - RIPRAP, TYPE D, A.P.P.

ITEM 601 - R.C.P., TYPE B

O.H.W.M. 813.36

FILL FOR RIPRAP SURFACE ARE ITEM 617 - COMPACTED AGGREGATE

BOTTOM OF CUTOFF WALL ELEV = 805.00

MIN. FUTURE COVER

12" DIA. SANITARY SEWER TOP OF PIPE ELEV. 812.63 (TO REMAIN- DO NOT DISTURB)

12" DIA. SANITARY SEWER TOP OF ENCASEMENT = 812.25 (TO REMAIN- DO NOT DISTURB)

1 1/2" DIA. WATER LINE EL = 811.44 AT CENTER OF STREAM (TO REMAIN- DO NOT DISTURB)

EXISTING SHAWNEE RUN FLOW LINE

SLOPE VARIES

FUTURE SHAWNEE RUN FLOW LINE FROM EXISTING DOUBLE CUVLERT UPSTREAM (OUTLETS ELEV. = 814.40±)

0.53% (FUTURE SLOPE)

814.11