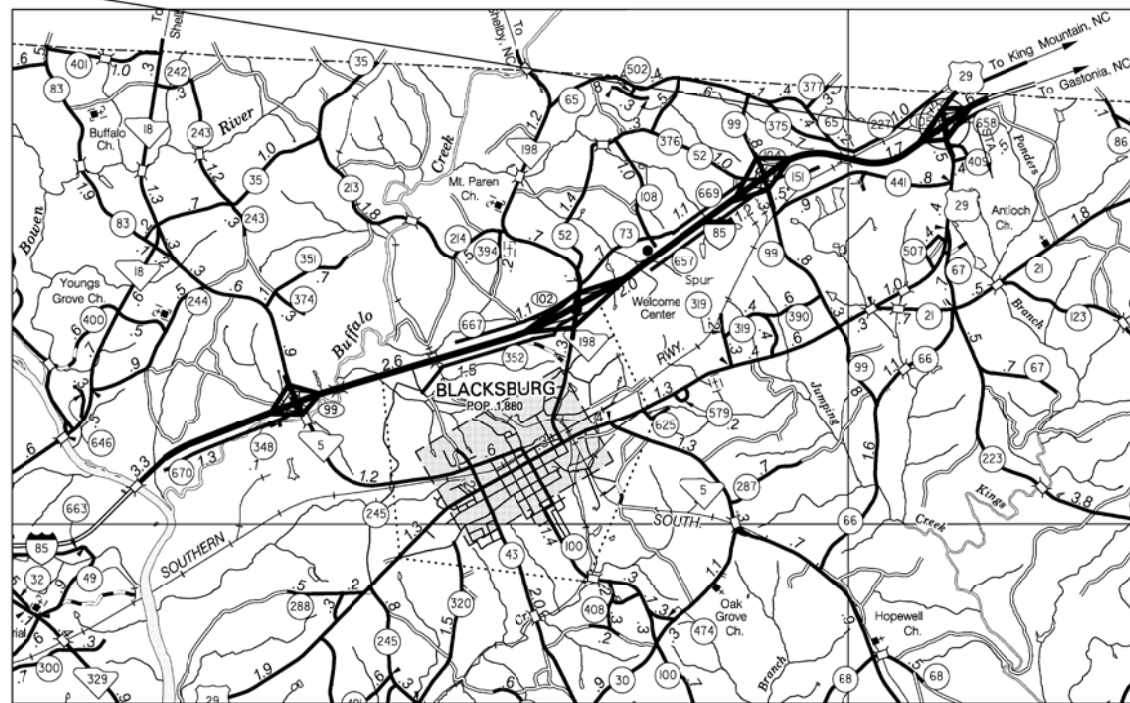


- INDEX OF SHEETS
- TITLE SHEET
 - BRIDGE PLAN AND PROFILE
 - TYPICAL SECTION



PROPOSED PLANS FOR CHEROKEE COUNTY PROJECT ID P027116 US 29 (EAST CHEROKEE STREET) REPLACE BRIDGE OVER I-85

CONSTRUCT 196'-0" (R.C. DECK AND PRESTRESSED BEAMS)
BRIDGE FROM STA. 49+02.00 TO STA. 50+98.00
ALONG PROPOSED C US 29
(EAST CHEROKEE STREET)



LAYOUT

Approximate Location of Bridge is
Latitude 35°-09'-51"
Longitude 81°-27'-09"

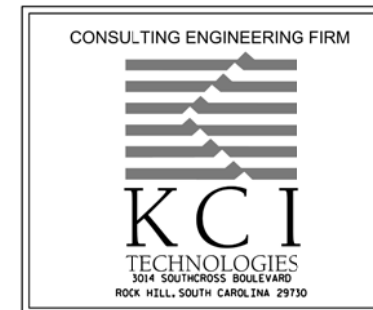
3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 811
SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

ASSET ID XXXX

TRAFFIC DATA			
2015	ADT	2,300	V.P.D.
2040	ADT	2,900	V.P.D.
	TRUCKS	30	%

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.037	MILES
NET LENGTH OF PROJECT	0.037	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.037	MILES

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF FINAL RFP.

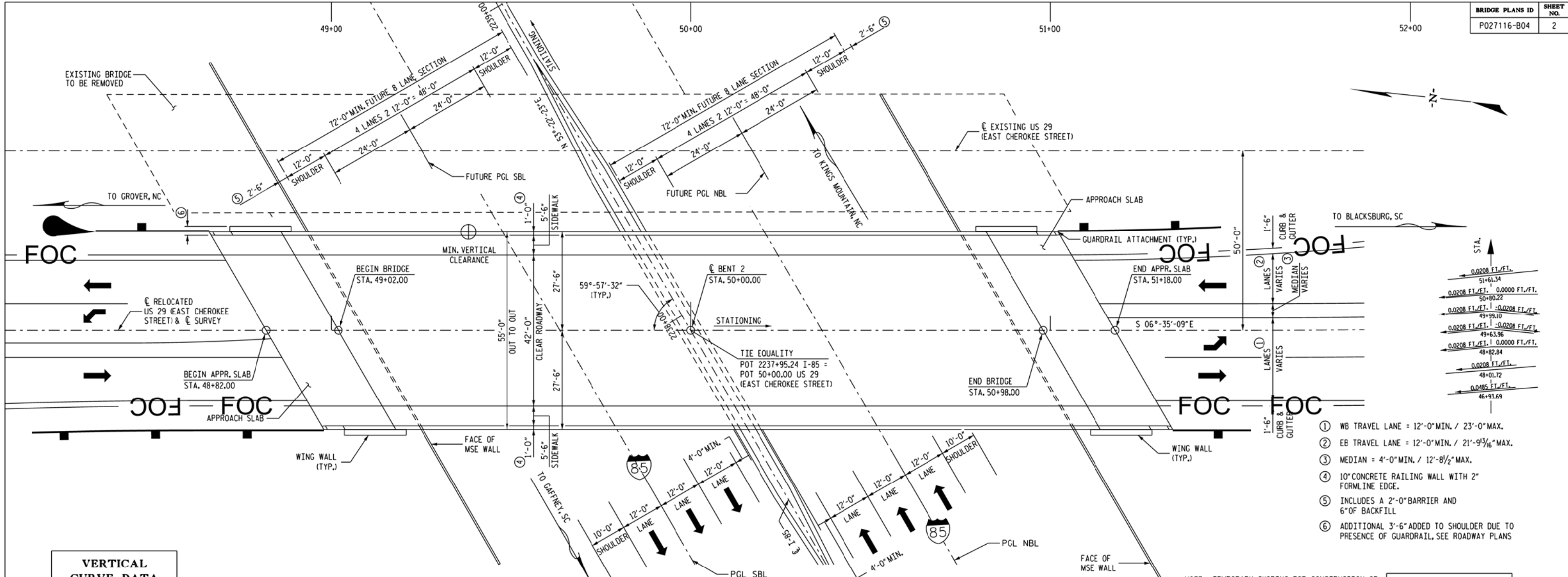


ENGINEER OF RECORD

CONCEPT PLANS NOT FOR CONSTRUCTION

FOR CONSTRUCTION : _____ DATE _____

REVIEWED	TJE	EDA	2-17
DR.	BY	CHK	DATE



STA.

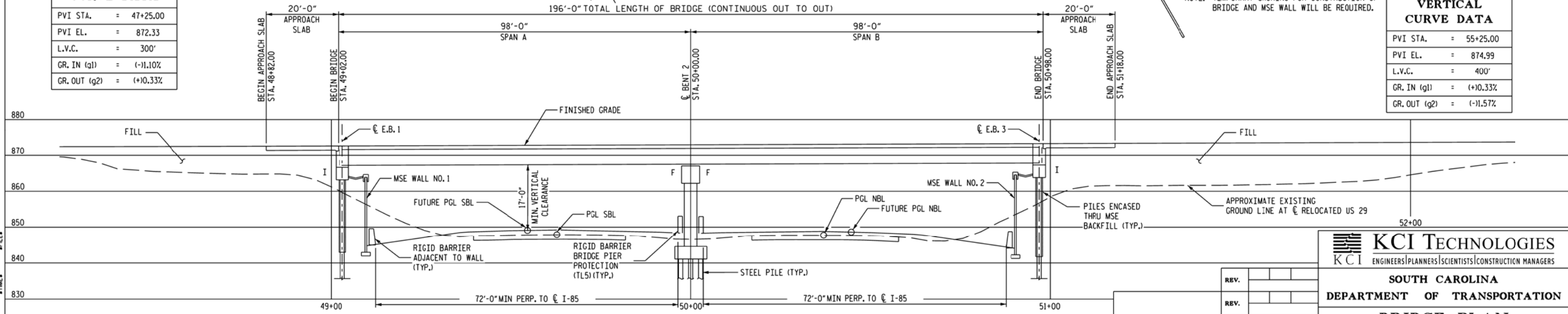
51+61.34	0.0208 FT./FT.
50+80.22	0.0208 FT./FT. / 0.0000 FT./FT.
49+99.10	0.0208 FT./FT. / 0.0208 FT./FT.
49+63.96	0.0208 FT./FT. / 0.0208 FT./FT.
48+82.84	0.0208 FT./FT. / 0.0000 FT./FT.
48+01.72	0.0208 FT./FT.
46+93.69	0.0485 FT./FT.

- ① WB TRAVEL LANE = 12'-0" MIN. / 23'-0" MAX.
- ② EB TRAVEL LANE = 12'-0" MIN. / 21'-9 3/16" MAX.
- ③ MEDIAN = 4'-0" MIN. / 12'-8 1/2" MAX.
- ④ 10" CONCRETE RAILING WALL WITH 2" FORMLINE EDGE.
- ⑤ INCLUDES A 2'-0" BARRIER AND 6" OF BACKFILL
- ⑥ ADDITIONAL 3'-6" ADDED TO SHOULDER DUE TO PRESENCE OF GUARDRAIL, SEE ROADWAY PLANS

VERTICAL CURVE DATA	
PVI STA.	= 47+25.00
PVI EL.	= 872.33
L.V.C.	= 300'
GR. IN (g1)	= (-)1.10%
GR. OUT (g2)	= (+)0.33%

VERTICAL CURVE DATA	
PVI STA.	= 55+25.00
PVI EL.	= 874.99
L.V.C.	= 400'
GR. IN (g1)	= (+)0.33%
GR. OUT (g2)	= (-)1.57%

NOTE: TEMPORARY SHORING FOR CONSTRUCTION OF BRIDGE AND MSE WALL WILL BE REQUIRED.



BENT NO. → ①

LEGEND
I = INTEGRAL
F = FIXED

CONCEPTUAL PLANS

REV.			
REV.			
REV.			
REVIEWED			
QUAN.			
DR.	TJE	EDA	2-17
DES.			
BY	CHK.	DATE	

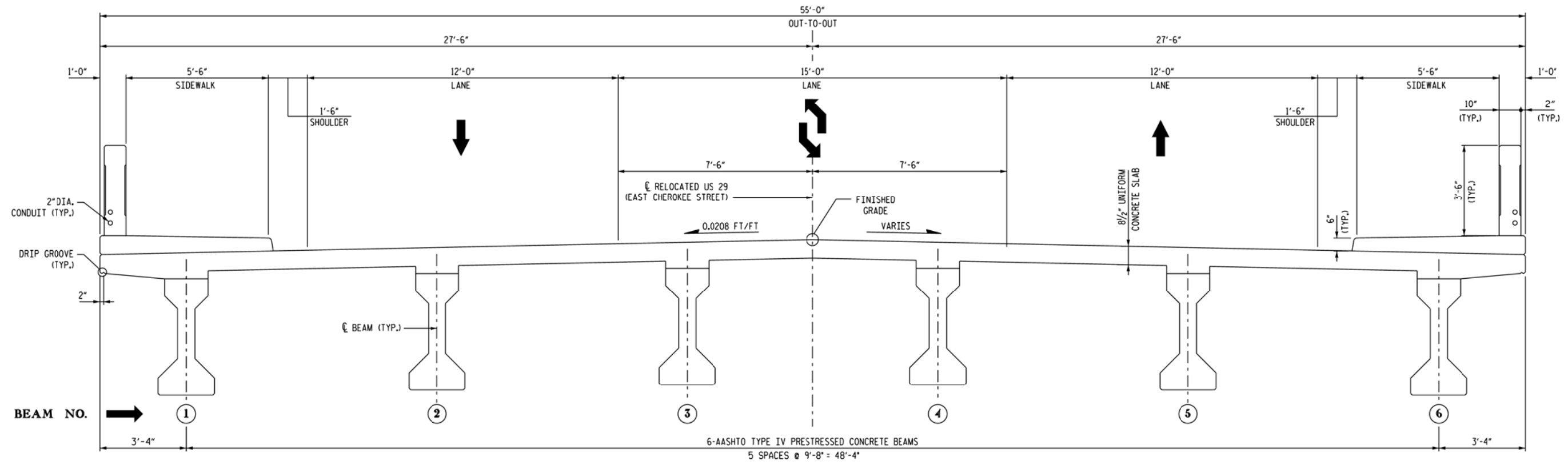
KCI TECHNOLOGIES
ENGINEERS | PLANNERS | SCIENTISTS | CONSTRUCTION MANAGERS

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BRIDGE PLAN & PROFILE
US 29 (EAST CHEROKEE STREET)
BRIDGE REPLACEMENT OVER I-85

COUNTY CHEROKEE ROUTE US 29

FILES
DATES
USERNAMES




TYPICAL SECTION (SPANS A & B)
(LOOKING IN DIRECTION OF STATIONING)

USERNAMES DATES \$FILES \$TIMES

CONCEPTUAL PLANS

REV.			
REV.			
REV.			
REVIEWED			
QUAN.			
DR.	TJE	EDA	3-17
DES.			
BY	CHK.	DATE	


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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
US 29 (EAST CHEROKEE STREET)
BRIDGE REPLACEMENT OVER I-85

COUNTY CHEROKEE	ROUTE US 29
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