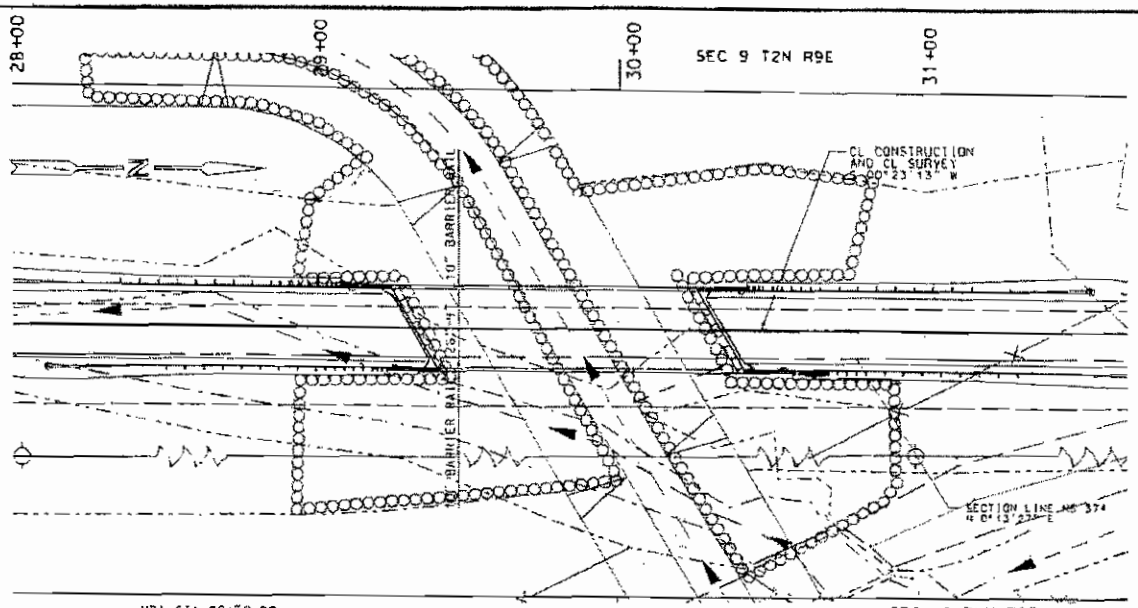
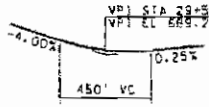
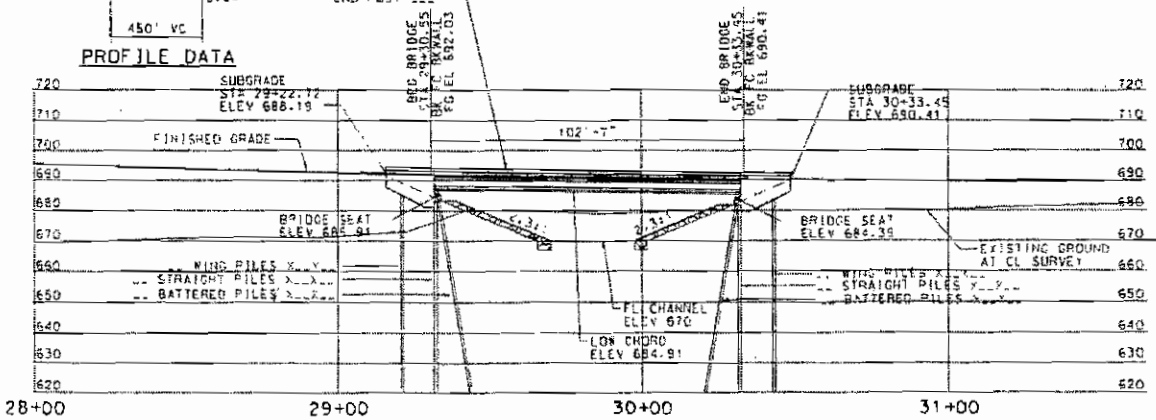


PLAN
SCALE: 1"=20'



PROFILE DATA

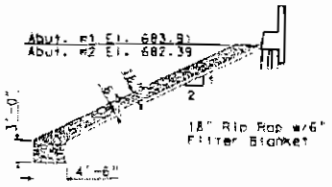


ELEVATION
SCALE: 1"=20'

BENCH MARKS

BM1 60 NAIL IN 30" OAK TREE
26+35.29 208.03 R
N12619.12 E10206.86
ELEV 697.31

BM2 60 NAIL IN 30" OAK TREE
33+65.08 76.89 L
N13350.82 E9927.82
ELEV 686.97



DETAIL OF TYPE 1-A PLAIN RIPRAP

HYDRAULIC DATA	
DRAINAGE AREA	3.20 SQ. MI.
SCS DRAINAGE AREA	0.00 ACRES
DHWM, COMPUTED 10 YR H.W.	800.52 FEET
Q25	2,714.00 CFS
V25	3.29 FT/SEC
COMPUTED 25 YR H.W.	801.06 FEET
Q50	3,488.00 CFS
V50	4.22 FT/SEC
COMPUTED 50 YR H.W.	803.00 FEET
Q100	4,379.00 CFS
V100	5.24 FT/SEC
COMPUTED 100 YR H.W.	804.00 FEET
Q OVERTOPPING, Q2	None CFS
V OVERTOPPING, V2	None FT/SEC
OVERTOPPING ELEV	N/A FEET
EXTREME H.W.	NONE AVAILABLE

DESIGN DATA
LFD(1)
Concrete (Class A) f'c = 3,000 PSI
Concrete (Class AA) f'c = 4,000 PSI
Reinforcing Steel (Gr60) = fy=60,000 PSI
Loading = HS 20-44
Design - 16th Edition of AASHTO & AWS Specifications.

LOADING DATA		
Abutment #1 Pile Loading	=	____ Tons per Pile
Abutment #2 Pile Loading	=	____ Tons per Pile

SUMMARY OF QUANTITIES - BRIDGE			
DESCRIPTION	UNIT	ABUT	SUPER	TOTAL
SUBSTR. EXC COMMON	CY			0.00
UNCL. BACKFILL	CY			0.00
PRESTRESSED CONC BMS (TYPE IV)	LF			0.00
CONCRETE RAIL (TR1)	LF			0.00
STRUCTURAL STEEL	LB			0.00
CLASS AA CONC	CY			0.00
CLASS A CONC	CY			0.00
REINFORCING STEEL (GRADE 60)	LB			0.00
PILES FURNISHED (HP 10X42)	LF			0.00
PILES FURNISHED (HP 12X63)	LF			0.00
PILES DRIVEN (HP 10X42)	LF			0.00
PILES DRIVEN (HP 12X63)	LF			0.00
TYPE I-A PLAIN RIPRAP	TON			0.00
TYPE I-A FILTER BLANKET	TON			0.00

* INCLUDES ___ LBS OF SR BARS IN TRAFFIC RAIL (SEE STD TR-1); ___ LBS FOR SUPERSTRUCTURE AND ___ LBS FOR ABUTMENTS

Designer	JCD	TURKEY CREEK — COAL COUNTY
Drawn	CLK	GENERAL PLAN AND ELEVATION
Checked		100' PCB BRIDGE
Sheet	01	W/26'-9" CLR ROADWAY & TR1 TRAFFIC RAIL
Issued	D.CASTRO	CL STA. 29+82
		JOB/PIECE No. 21501(04) Sheet No. 5

OKR2014210
COAL COUNTY COMMISSIONER
TURKEY CREEK
BRIDGE REPLACEMENT AND ROAD CONSTRUCTION
ENCLOSURE 3 OF 4