



**US Army Corps  
of Engineers**

Vicksburg District  
4155 Clay Street  
Vicksburg, MS 39183-3435



# Public Notice

APPLICATION NO.: MVK-2004-894  
EVALUATOR: Anne Woerner  
PHONE NO.: (601) 631-5298  
FAX NO.: (601) 631-5459  
E-MAIL: regulatory@mvk02.usace.army.mil  
DATE: September 27, 2004  
EXPIRATION DATE: October 18, 2004

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, and the Arkansas Department of Environmental Quality, are considering an application for a Department of the Army permit and State water quality certification for the work described herein. Comments should be forwarded to the Vicksburg District, ATTN: CEMVK-OD-F, at the above address and the Arkansas Department of Environmental Quality, Post Office Box 8913, Little Rock, AR 72219-8913, and must reach these offices by the cited expiration date.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:

Mr. Steve Cheney  
Union Pacific Railroad  
1416 Dodge Street, RM 940  
Tyler, Texas 75703

Name of Agent:

Ms. Brandy Germany  
PBS&J  
5620 Old Bullard Road, Suite 130  
Tyler, Texas 75703

Location of Work: Sections 1 and 12, T13S-R17W, latitude 33° 36' 41", longitude 92° 48' 54", within the Ouachita River drainage basin, Ouachita County, Arkansas.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to replace an existing 3,840-foot timber bridge at milepost 334.93 of the railroad's Pine Bluff Subdivision. The proposed project would extend approximately 1.65 miles and would require approximately 0.98 acre of new permanent right-of-way. The bridge replacement would eliminate unsafe conditions that the existing railroad line imposes.

Bridge 334.93 crosses over the Ouachita River floodplain and Palmer Bayou. The Bridge is located on the east side of Highway 7 just north of where the highway crosses under the railroad embankment. The replacement bridge would be constructed with a 68-span, 2,312-foot concrete bridge with steel piles. Each span would be 34 feet long. The replacement bridge would be located approximately 20 feet east of the existing bridge. The flow of water under the bridge would not be impacted, nor would it adversely impact the 100-year floodplain. Once the new bridge is constructed, the existing bridge would be removed.

Fill material would be stone, sand, and soil from on-site and is estimated to be 54,000 cubic yards.

The proposed bridge replacement would impact 0.7 acre of forested wetlands. The forested wetlands are dominated by water oak, swamp post oak, overcup oak, water hickory, sweet gum, and American elm in the overstory. The midstory consists of ironwood, yaupon, and Japanese honeysuckle; and the understory consists of Virginia creeper, pepper-vine, cornsalad, common greenbrier, and poison ivy. The soils listed in the project area are Amy association (frequently flooded), Ouachita silt loam, and Kirvin fine sandy loam.

The placement of dredged and/or fill material in waters of the United States associated with the mechanized land clearing and levee construction requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: An initial review indicates that the proposed project may affect at least one site in Ouachita County listed, or eligible for listing, in the National Register of Historic Places. Copies of this notice have been sent to the State Historic Preservation Officer, Federally Recognized Tribes, the Corps archaeologists, and other interested parties for comment on potential effects to cultural resources that could result from this activity.

Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

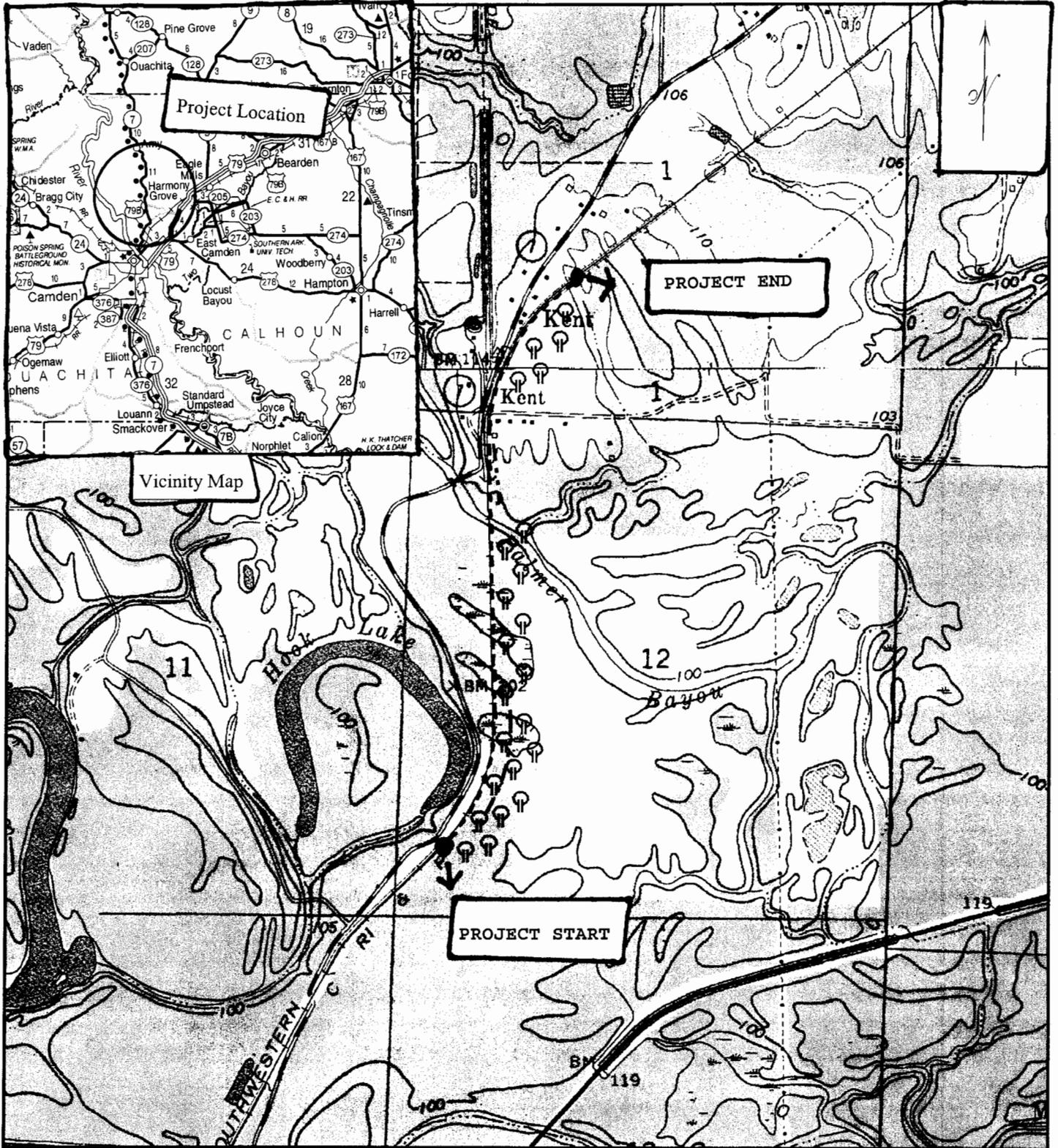
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit

with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.

W. Harold Lee  
Team Leader  
Evaluation Section



Project Location

PROJECT END

Vicinity Map

PROJECT START

Note: Wetland and water body perimeters were mapped using a hand held GPS unit with approximate accuracy of between 6 & 15ft.



- PROPOSED RAILROAD
- - - PROPOSED ROW
- ☪ FORESTED WETLAND

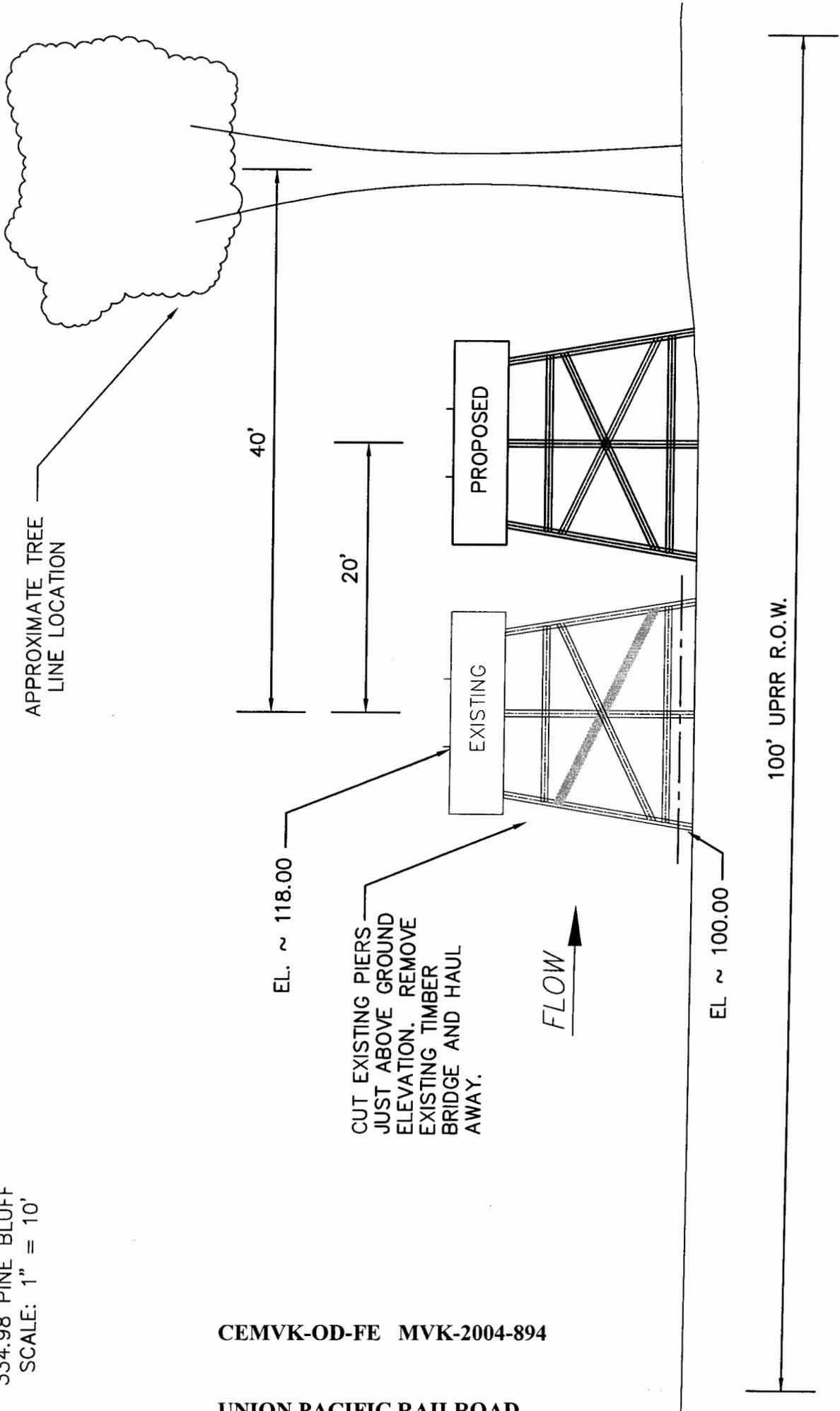


- Engineering
- Environmental Consulting
- Survey

CEMVK-OD-FE MVK-2004-894

UNION PACIFIC RAILROAD

SKETCH OF BRIDGE  
334.98 PINE BLUFF  
SCALE: 1" = 10'



CEMVK-OD-FE MVK-2004-894

UNION PACIFIC RAILROAD

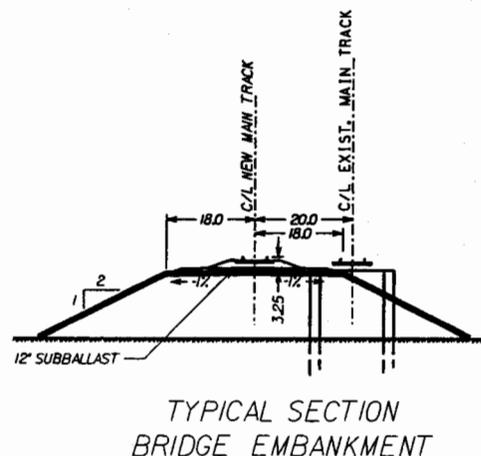
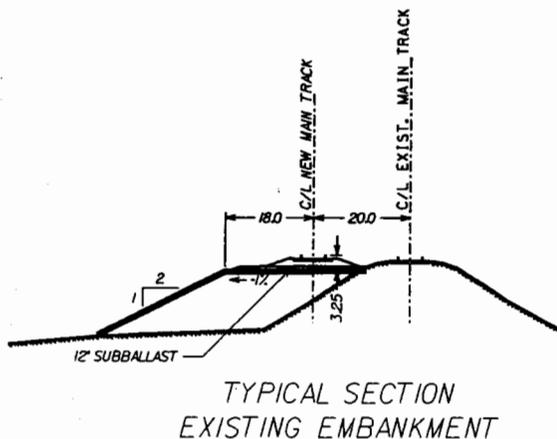
Report Results

• • • EARTHWORK • • •

BASELINE STATION NUMBER	AREA (sq ft)	CUT VOLUME (cu yd)	STATION		MASS ORDINATE (cu yd)
			AREA (sq ft)	FILL VOLUME (cu yd)	
3577+47.00	1.58	0	53.41	0	0
3578+00.00	1.19	3	59.59	111	-108
3579+00.00	0.05	2	59.70	221	-327
3580+00.00	0.00	0	71.00	242	-569
3581+00.00	0.01	0	77.84	276	-844
3582+00.00	0.01	0	77.30	287	-1132
3583+00.00	0.61	1	79.18	290	-1420
3584+00.00	0.13	1	64.53	266	-1685
3585+00.00	0.25	1	90.04	286	-1971
3586+00.00	0.36	1	79.13	313	-2283
3587+00.00	0.79	2	80.86	296	-2577
3588+00.00	0.64	3	76.74	292	-2866
3589+00.00	1.55	4	60.20	254	-3116
3590+00.00	2.30	7	53.98	211	-3320
3591+00.00	2.00	8	65.32	221	-3533
3592+00.00	3.08	9	66.80	245	-3768
3593+00.00	0.93	7	58.17	231	-3992
3594+00.00	0.86	3	34.92	172	-4161
3595+00.00	1.20	4	37.93	135	-4292
3596+00.00	0.25	3	38.12	141	-4430
3597+00.00	1.70	4	12.84	94	-4521
3598+00.00	5.09	13	7.35	37	-4546
3599+00.00	20.54	47	19.28	49	-4548
3600+00.00	20.07	75	56.50	140	-4613
3601+00.00	21.88	78	90.85	273	-4808
3602+00.00	26.38	89	105.41	363	-5082
3603+00.00	3.97	56	390.93	919	-5945
3603+80.00	16.77	31	427.08	1212	-7126
3603+81.00	0.00	0	0.66	8	-7134
3604+00.00	0.00	0	1.88	1	-7135
3626+00.00	0.00	0	2.61	183	-7318
3626+78.10	0.00	0	2.87	8	-7326
3626+79.00	0.00	0	931.35	16	-7341
3627+00.00	0.00	0	972.54	740	-8082
3628+00.00	0.00	0	995.61	3645	-11726
3629+00.00	0.00	0	907.45	3524	-15251
3630+00.00	0.00	0	728.14	3029	-18279
3631+00.00	0.00	0	686.45	2620	-20899
3632+00.00	0.00	0	718.02	2601	-23500
3633+00.00	0.00	0	846.48	2897	-26397
3634+00.00	0.00	0	860.93	3162	-29559
3635+00.00	0.00	0	878.83	3222	-32781
3636+00.00	0.00	0	858.92	3218	-35999
3637+00.00	0.00	0	790.85	3055	-39054
3638+00.00	0.00	0	797.96	2942	-41996
3639+00.00	0.00	0	770.60	2905	-44901
3640+00.00	0.00	0	791.87	2893	-47794
3641+00.00	0.00	0	924.42	3178	-50973
3642+00.00	0.00	0	153.49	1996	-52969
3642+06.00	4.97	1	33.13	21	-52989
3642+07.00	3.33	0	17.13	1	-52990
3643+00.00	26.51	51	0.00	30	-52968
3644+00.00	19.32	85	0.00	0	-52883
3645+00.00	10.22	55	0.00	0	-52828

• • • EARTHWORK • • •

Grand Tot.: 645 53473



LEGEND:  
EXISTING GROUND  
DESIGN SUBGRADE



DRAWN BY:

CHECKED BY:

DATE:

SCALE:

CEMVK-OD-FE MVK-2003-293

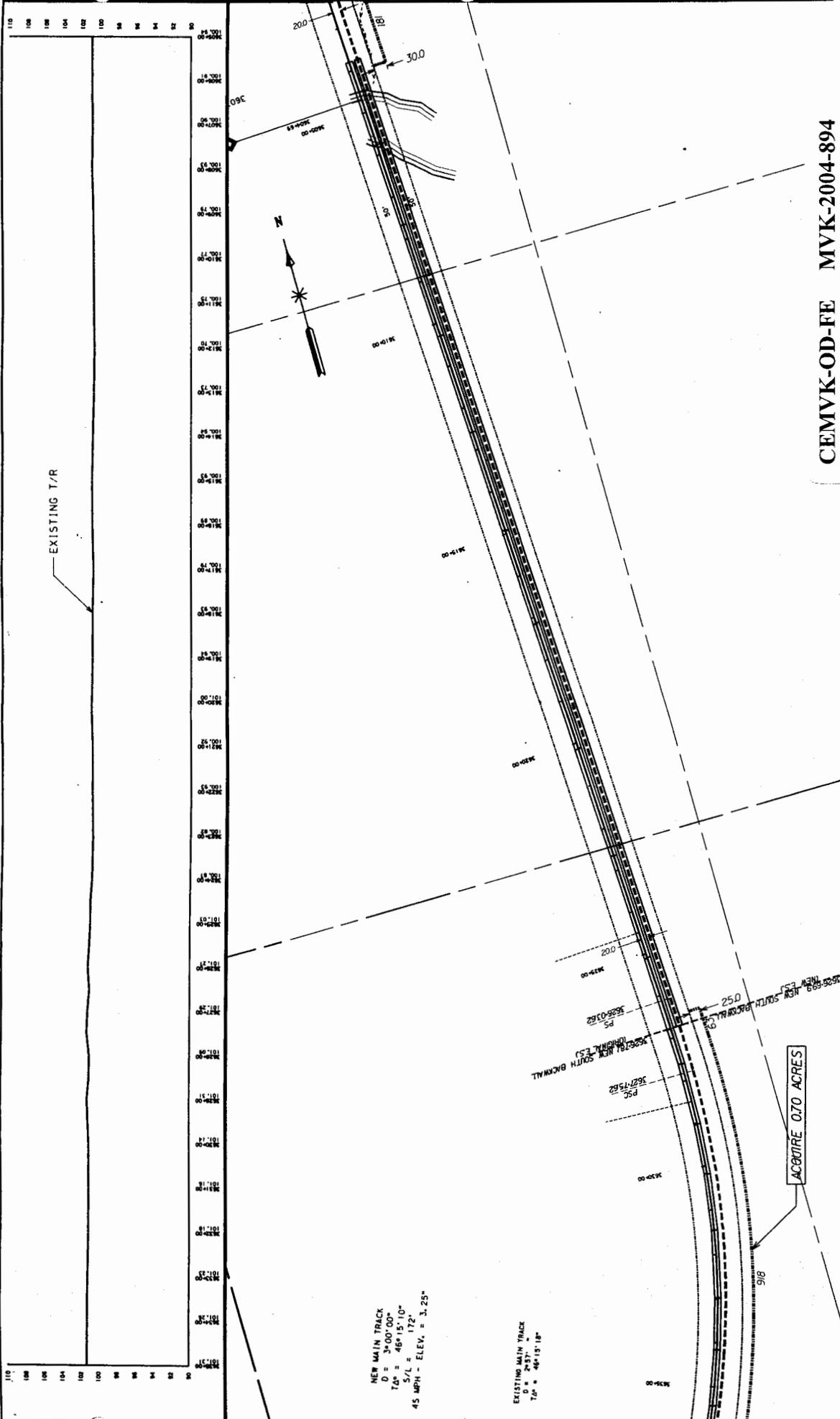
5-28

AS

UNION PACIFIC RAILROAD

OF  
LINEER  
N  
NSAS  
135.99  
OR





CEMVK-OD-FE MVK-2004-894

UNION PACIFIC RAILROAD

EXISTING T/R

NEW MAIN TRACK  
 D = 34'00"00"  
 TΔ = 46°15'10"  
 S/L = 172'  
 45 MPH - ELEV. = 3.25'

EXISTING MAIN TRACK  
 D = 24'00"00"  
 TΔ = 46°15'10"

LEGEND:  
 --- EXISTING MAIN TRACK  
 --- NEW MAIN TRACK  
 --- EXISTING UPRR R/W  
 --- ACQUIRE R/W  
 --- GRADING LIMITS

REV. #

BY

DATE

DESCRIPTION

WARNING 1  
 FIBER OPTIC CABLE  
 ON RAILROAD R-O-W  
 CALL BEFORE YOU DIG  
 1-800-336-9193

