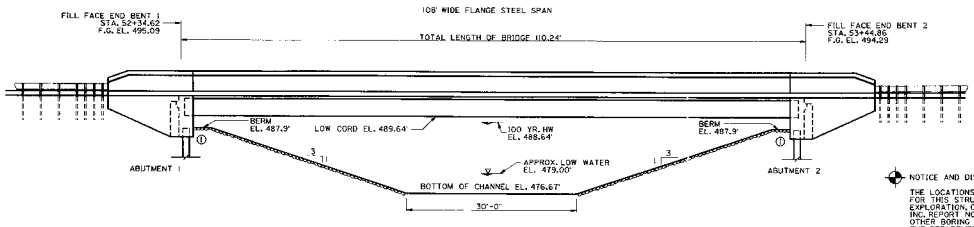
MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

ST. CHARLES COUNTY PROJ. NO.:	SHEET NUMBER	TOTAL SHEETS
O'FALLON ROAD	90	114
FEDERAL PROJECT NO. STP-5640(606)		



ROADWAY FILL SHALL BE COMPLETED TO THE FINAL ROADWAY SECTION AND UP TO THE ELEVATION OF THE BOTTOM OF THE CONCRETE BEAM WITHIN THE LIMITS OF THE STRUCTURE AND FOR NOT LESS THAN 25' IN BACK OF THE FILL FACE OF THE END BENTS BEFORE PILES ARE DRIVEN FOR ANY BENTS FALLING WITHIN THE EMBANKMENT SECTION.

GENERAL ELEVATION

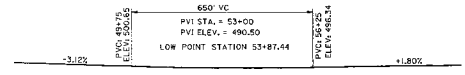
LEGEND:

- ① INTEGRAL BEARING (PROPOSED CONDITION)
- —— DENOTES PROPOSED
- ◇ PROPOSED GUARDRAIL CONNECTION
- ■ PROPOSED DECK DRAIN LOCATION

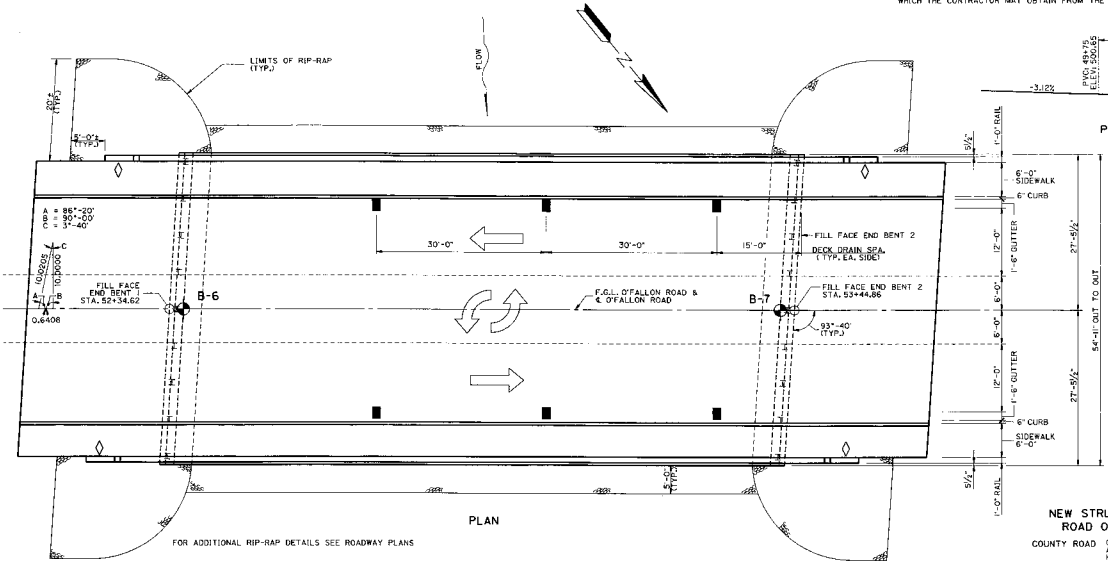
NOTICE AND DISCLAIMER REGARDING BORING LOG DATA:

THE LOCATIONS OF ALL SUBSURFACE BORINGS FOR THIS STRUCTURE ARE SHOWN ON THE BRIDGE PLAN SHEET FOR THIS STRUCTURE. BORING DATA FOR THE NUMBERED LOCATIONS IS SHOWN IN SOIL REPORT " SUBSURFACE EXPLORATION, O'FALLON ROAD IMPROVEMENTS, ST. CHARLES COUNTY, MISSOURI, PREPARED BY GEOTECHNOLOGY, INC. REPORT NO. 0599301.0111, MAY 13, 2002. THE BORING DATA FOR ALL LOCATIONS INDICATED, AS WELL AS ANY OTHER BORING LOGS OR OTHER FACTUAL RECORDS OF SUBSURFACE DATA AND INVESTIGATIONS PERFORMED BY THE DEPARTMENT FOR THE DESIGN OF THE PROJECT, IS AVAILABLE FROM THE PROJECT CONTACT UPON WRITTEN REQUEST AS OUTLINED IN THE PROJECT SPECIAL PROVISIONS. NO GREATER SIGNIFICANCE OR WEIGHT SHOULD BE GIVEN TO THE BORING DATA DEPICTED ON THE PLAN SHEETS THAN IS SUBSURFACE DATA AVAILABLE FROM THE COUNTY OR ELSEWHERE.

THE COUNTY DOES NOT REPRESENT OR WARRANT THAT ANY SUCH BORING DATA ACCURATELY DEPICTS THE CONDITIONS TO BE ENCOUNTERED IN CONSTRUCTING THIS PROJECT. A CONTRACTOR ASSUMES ALL RISKS IT MAY ENCOUNTER IN BASING ITS BID PRICES, TIME OR SCHEDULE OF PERFORMANCE ON THE BORING DATA DEPICTED HERE OR THOSE AVAILABLE FROM THE COUNTY, OR ON ANY OTHER DOCUMENTATION NOT EXPRESSLY WARRANTED, WHICH THE CONTRACTOR MAY OBTAIN FROM THE COUNTY.



PROPOSED GRADE ℄ O'FALLON RD.



PLAN

FOR ADDITIONAL RIP-RAP DETAILS SEE ROADWAY PLANS

HYDROLOGICAL DATA

DRAINAGE AREA	3.98 SQ. MI.
DESIGN FREQUENCY	100-YEAR
DESIGN DISCHARGE	4250 CFS
MAXIMUM BACKWATER FOR DESIGN FREQUENCY	0.00'
DESIGN HIGH WATER ELEVATION AT THE STRUCTURE	488.64'
LOW ELEVATION OF SUPERSTRUCTURE	489.64'
100-YEAR DISCHARGE	4250 CFS
100-YEAR HIGH WATER ELEVATION AT THE STRUCTURE	488.64'
APPROACH ROADWAY OVERTOPPING FREQUENCY	>500-YEAR

STATE OF MISSOURI
DAVID A. DAVIS
NUMBER 25331
REGISTERED PROFESSIONAL ENGINEER

29 Dec. 03

NEW STRUCTURE FOR O'FALLON ROAD OVER CROOKED CREEK

COUNTY ROAD O'FALLON APPROX. 7,000' EAST OF HWY 40/61 AND HWY 94. EXTENDING NORTHWARD FROM HWY 94 APPROX. 6,600'.

PLAN AND ELEVATION

FED. PROJECT NO. STP-5640(606) STA. 52+34.62

JOB NO. RTE:

ST. CHARLES COUNTY

DATE: NOVEMBER 2003

PARSONS
400 WOODS MILL ROAD
SOUTH SUITE #330
CHESTERFIELD, MO 63017

BM: 80D NAIL, STA. 49+95.95
46.94' RT. ELEV. 512.24

ADT YEAR 2000 = 9640
ADT YEAR 2020 = 11960
SPEED LIMIT = 40 MPH
DIRECTIONAL DISTRIBUTION = 70%
PERCENTAGE OF TRUCK TRAFFIC = 2% (YEAR 2000)

FOR GENERAL NOTES, ESTIMATED QUANTITIES, ESTIMATED QUANTITIES FOR SLAB ON STEEL PILE AND FOOTING DATA, AND LOCATION SKETCH, SEE SHEET NO. 91.

PLAN | BY | DATE | REVISED | CHECKED | FIELD VERIFIED | PLOT DATE | PLOT SCALE | PLOT DATA

PROFILE | BY | DATE | REVISED | CHECKED | FIELD VERIFIED | PLOT DATE | PLOT SCALE | PLOT DATA