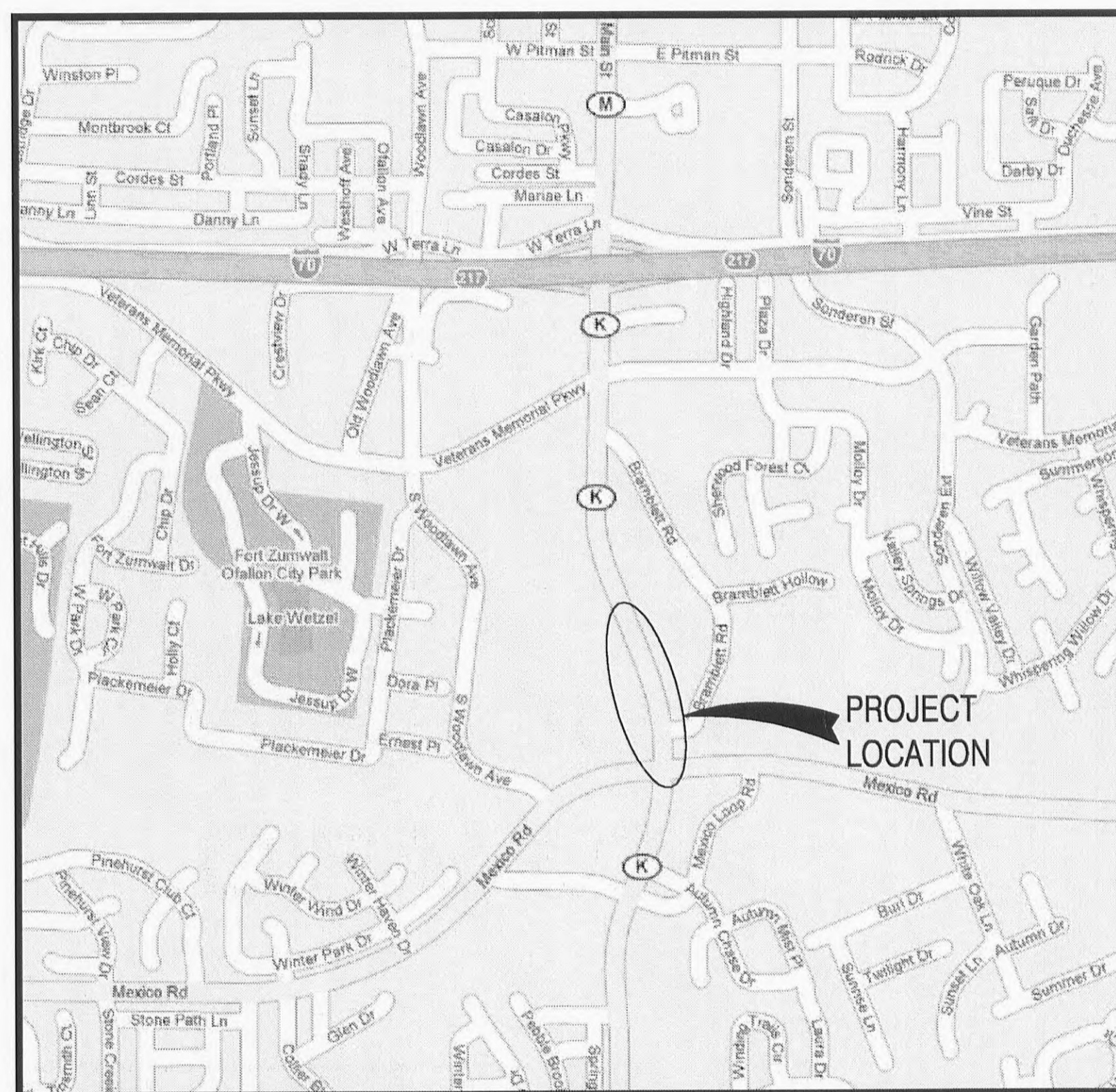


# ROADWAY IMPROVEMENT PLAN

## MISSOURI HIGHWAY K O'FALLON, MISSOURI

### INDEX OF SHEETS

SHEET	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES & TYPICAL SECTIONS
3-4	ROADWAY PLAN SHEETS
5-6	PAVEMENT MARKING SHEETS
7	PG 7 OMITTED (SEE SITE PLAN BY WOLVERTON & ASSOC.)
8-9	TRAFFIC CONTROL PLAN
10	TRAFFIC SIGNALS PLAN
11-24	MoDOT STANDARD DRAWINGS
25-26	CROSS SECTIONS



**LOCATION MAP**  
(not to scale)

### GENERAL NOTES

- ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
- DIMENSIONS ARE TO THE FACE OF CURB UNLESS STATED OTHERWISE ON THE PLANS.
- ALL GRADED AREAS SHALL BE SEEDED AND MULCHED UNLESS SHOWN OTHERWISE. MULCH SHALL BE PLACED AT A RATE OF 2 TONS/AC. THE SEEDING SHALL BE OF "ROADSIDE MIXTURE", THE SUGGESTED MIX IS 110 LBS/AC ALTA FESCUE OR KY31, 55 LBS/AC PERENNIAL RYEGRASS, 50 LBS/AC CREEPING RED FESCUE AND 10 LBS/AC RED TOP.
- IF AN OPEN TRENCH CONDITION WILL REMAIN OPEN OVERNIGHT, "PAVEMENT EDGE TREATMENT" SHALL BE PROVIDED IN ACCORDANCE WITH MoDOT STANDARD DRAWING 619.10.
- THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SILTATION INCLUDING, BUT NOT LIMITED TO, SILTATION FABRIC FENCES. CONTROL SHALL COMMENCE WITH GRADING AND BE MAINTAINED THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER AND/OR MoDOT. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE ALL DESIGN AND IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE EROSION CONTROL ITEMS SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE OWNER AND/OR MoDOT MAY AT THEIR OPTION DIRECT THE CONTRACTOR IN HIS METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITING OF SILT OR MUD ON NEW OR EXISTING PAVEMENT SHALL BE REMOVED IMMEDIATELY. ANY DEPOSITING OF SILTS OR MUD IN NEW OR EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS CLEANED TO THE SATISFACTION OF THE OWNER AND/OR MoDOT.
- ALL FILL PLACED UNDER PROPOSED STORM AND SANITARY SEWER, PROPOSED ROADS, AND/OR PAVED AREAS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. ALL FILL PLACED IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACK FILLING OPERATIONS. A COPY OF THE GRADING COMPACTION TEST RESULTS SHALL BE PROVIDED TO THE OWNER AND/OR MoDOT.
- NO SLOPES SHALL BE STEEPER THAN 3(HORIZONTAL) TO 1 (VERTICAL) EXCEPT AS NOTED ON THE PLANS.
- ALL PAVING LOCATED WITHIN MoDOT RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION.
- PROVIDE ADEQUATE OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONDITIONS.
- ANY DISTURBED OFF SITE PROPERTY (I.E. BUSHES, FENCES, MAILBOXES, ETC.) SHALL BE REPLACED, IN KIND, AT THE DEVELOPER'S EXPENSE.
- THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS ROADWAY IMPROVEMENTS. AGENCIES KNOWN (BUT NOT LIMITED TO) TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING:

CHARTER COMMUNICATIONS  
100 North Main Street  
O'Fallon, MO 63366  
636-281-1111

LACLEDE GAS COMPANY  
3950 Forest Park Avenue  
St. Louis, MO 63108  
800-887-4173

O'FALLON WATER & SEWER COMPANY  
410 East Elm Street  
O'Fallon, MO 63366  
636-281-2858

CENTURYTEL  
636-332-7203  
800-201-4099

AMEREN UE  
200 N. Callahan Road  
Wentzville, MO 63385  
636-639-5201  
800-552-7583

CUVRE RIVER ELECTRIC COOPERATIVE  
1112 E. Cherry St.  
Troy, MO 63379  
Phone: 636-528-8261  
Toll Free: 800-392-3709

ST. CHARLES COUNTY PWS #2  
100 Water Drive  
O'Fallon, MO 63368  
636-561-3737

SBC (SOUTHWESTERN BELL)  
1-800-499-7928

### EXISTING LEGEND

CONC.	- CONCRETE	WV	- WATER VALVE
VERT.	- VERTICAL	WM	- WATER METER
TYP.	- TYPICAL	FH	- FIRE HYDRANT
AI	- AREA INLET	UP	- UTILITY POLE
GI	- GRATED INLET	TP	- TELEPHONE POLE
CI	- CATCH INLET	OU	- OVERHEAD UTILITY
MH	- MANHOLE	G	- GAS LINE
RCP	- REINFORCED CONCRETE PIPE	UE	- UNDERGROUND ELECTRIC
T	- TOP	LS	- LIGHT STANDARD
FL	- FLOW LINE	TSCB	- TRAFFIC SIGNAL CONTROL BOX

### TRAFFIC CONTROL PLAN LEGEND

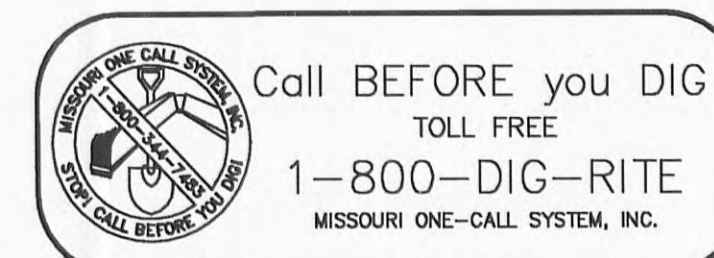
	TRAFFIC CONTROL SIGN
	TYPE I OR II BARRICADE
	TYPE III BARRICADE
	OPEN LANE OF TRAFFIC
	CONES, DRUMS OR BARRICADES @ 40' o.c.
	WORK AREA
	FLASHING ARROW BOARD

### PROPOSED LEGEND

	REMOVAL ITEM
	PCC ITEM
EX.	EXISTING
PR.	PROPOSED
(UIP)	USE IN PLACE
TBR&R	TO BE REMOVED AND RELOCATED
TBR	TO BE REMOVED
PCC	PORTLAND CEMENT CONCRETE
PAVT	PAVEMENT

### PAVEMENT MARKING LEGEND

SWL	- SOLID WHITE LINE
DYL	- DOUBLE YELLOW LINE
EX.	- EXISTING
L&S	- LETTER & SYMBOLS
(UIP)	- USE IN PLACE
TBR&R	- TO BE REMOVED AND RELOCATED



MoDOT DOES NOT PARTICIPATE IN THE MISSOURI ONE-CALL SYSTEM. CALL DIGRITE AND THE MoDOT PHONE NUMBER (314-340-4100) FOR UNDERGROUND FACILITY LOCATES WITHIN THE RIGHT OF WAY.

### SITE BENCH MARKS:

TBM "1" (ELEV. = 518.50)  
CUT "L" IN THE S.E. CORNER OF BRIDGE OVER BELLEAU CREEK, AT TOP OF BRIDGE WALL, WEST OF THE INTERSECTION OF MEXICO ROAD AND WOODLAWN AVENUE.

TBM "A" (ELEV. = 539.65)  
CHISELED "SQ" ON TOP CONCRETE BASE OF LIGHT STANDARD IN PARKING LOT DIRECTLY IN FRONT OF "OFFICE MAX" BUILDING.

TBM "B" (ELEV. = 542.78)  
CHISELED "SQ" ON CONCRETE BASE OF LIGHT STANDARD AT N.W. CORNER OF INTERSECTION OF MAIN ENTRANCE TO WAL-MART AND OUTSIDE DRIVE FOR PARKING LOT.

PREPARED FOR:  
THF REALTY  
2127 Innerbelt Business  
Center Drive Suite 200  
St. Louis, MO 63114  
Contact: Ian Silbermann  
Phone: 314-429-0900  
Fax: 314-429-0999

CONTACT PERSON:  
BRIAN COURTWRIGHT, P.E.  
CRAWFORD, BUNTE, BRAMMEIER  
450 COTTONWOOD ROAD, SUITE B  
GLEN CARBON, IL 62034  
(618) 656-2612x12  
(618) 659-0650  
bcourtwright@cbbrtraffic.com

SURVEYED BY:  
A. BART WHITE, PLS  
EFK MOEN, LLC  
13523 BARRETT PARKWAY DR.  
SUITE 250  
ST. LOUIS, MO 63021  
(314) 729-4164  
(314) 729-4199 (FAX)  
bwhite@efkmoen.com

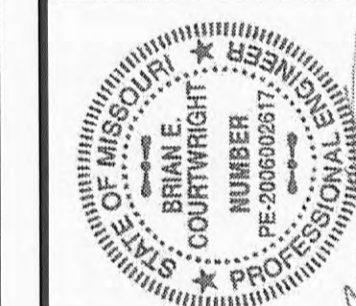
SHEET NO.

1

Job No. 157-07  
Date: 1/16/08  
Scale: 1"=5'  
Drawn by: BEC  
Design by: BEC  
Approved by: CMB  
File Name: PLN

REVISIONS

**WAL-MART**  
Save money. Live better.  
PROPOSED EXPANSION TO WAL-MART #2616-04



**CBB** Crawford, Bunte, Brammeier  
Traffic and Transportation Engineers  
St. Louis, Missouri / Glen Carbon, Illinois  
314-878-6644 618-656-2612  
Fax: 314-878-5876 E-Mail: cbb@cbbrtraffic.com

ROADWAY  
COVERSHEET  
MO ROUTE K  
@ COMMERCIAL ENTRANCE  
O'FALLON, MISSOURI