N 9389.2907
E 1431.7816

EX. WELL
W TOP=540.82

EX. MONITOR WELL TO BE USED IN PLACE.

N89°26'29"W 134.38'

45.43'
S60°43'53"W

PROPOSED RETAINING WALL FOR MULTI PURPOSE TRAIL (60LF.± REQ.)

N 9320.1534
E 1421.6042

PROPOSED HANDRAIL ALONG MULTI-PURPOSE TRAIL (140LF.± REQ.)

MULTI-PURPOSE TRAIL PENDING MODOT APPROVAL

PC = 10+89.06

CURVE #12 DATA
R=32.00
L=20.05
Tan=10.36
Δ=35°53'37"

N 9254.2249
E 1521.2230

PROPOSED RETAINING WALL FOR MULTI PURPOSE TRAIL (60LF.± REQ.)

CURVE #10 DATA
R=18.00
L=16.55
Tan=9.10
Δ=59°16'07"

PROPOSED 18" CULVERT FOR MULTI PURPOSE TRAIL (28LF.± REQ.)

CURVE #11 DATA
R=16.00
L=10.89
Tan=5.67
Δ=39°00'05"

S89°59'52"E

N54°06'15"W 396.25'

S54°06'15"E

MISSOURI STATE HIGHWAY 40TR
RAMP 3 D.B. 2648 PG. 1567

RAMP 3 BASELINE DB. 2648, PG. 1567

CURVE #13 DATA
R=104.00
L=14.64
Tan=7.33
Δ=8°04'04"

N 9096.3725
E 1747.8328

N 9087.8278
E 1742.5985

PROPOSED 8' WIDE MULTI-PURPOSE TRAIL
NOTE: ENTIRE TRAIL WILL BE CONSTRUCTED IN CONJUNCTION WITH THE INITIAL PHASE OF CONSTRUCTION.

S62°10'19"E

N62°10'19"W 50.00'

N 9292.8458
E 2430.7504

N 9283.4459
E 2472.8598

N 9245.2749
E 2408.3333

N 9230.8172
E 2457.8098

PR. 8'w CONCRETE WALK

N 9230.4208
E 2664.1103

CURVE #7 DATA
R=265.01
L=257.34
Tan=139.84
Δ=55°38'15"

N 9212.4159
E 2803.0310

N 9177.9858
E 2709.8248

N 9106.1000
E 2768.5068

CURVE #2 DATA
R=233.62
L=238.95
Tan=131.11
Δ=58°36'13"

N 9087.0109
E 2706.0222

N 8953.9040

H.C. RAMP (TYP.)

N 8676.2169
E 2544.8345

N 8863.9040
E 2827.0686

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

L=61.69'
R=970.00'

L=203.87' R=969.00'

L=24.85'
R=985.00'

S12°23'16"W
125.60'

N 8863.6051
E 2189.3999

N 8854.1540
E 2185.2730

CURVE #14 DATA
R=104.00
L=15.39
Tan=7.71
Δ=8°28'46"

S70°39'05"E
L=216.27'
R=871.93'

N 8788.0865
E 2391.2317

CURVE #15 DATA
R=32.00
L=5.37
Tan=2.69
Δ=9°37'04"

N 8782.6829
E 2388.8080

CURVE #16 DATA
R=40.00
L=12.97
Tan=6.54
Δ=18°34'47"

S61°02'01"E

S79°36'48"E

N61°02'01"W
34.67'

N 8785.8944
E 2419.1370

GUARDRAIL (TYPICAL)

SIGN

PROPOSED 18" CULVERT FOR MULTI PURPOSE TRAIL (28LF.± REQ.)

F.E.S.
FL 561.67

N79°36'48"W 495.30'

S79°36'48"E

N 8686.4117
E 2908.2345

N77°47'47"W

S77°47'47"E

N 8676.5867
E 2906.3163

F.E.S.
FL 560.22

F.E.S.
FL 567.79

229.97'

PROPOSED 8' WIDE MULTI-PURPOSE TO TIE TO EXIST. SIDEWALK

MISSOURI STATE HIGHWAY 40TR

G.L.
T 578.85

MAGNETIC

3 REVISIONS 8/23/05 PER CITY OF O'FALLON COMMENTS
2 REVISIONS 7/29/05 PER CITY OF O'FALLON COMMENT LETTER
6/16/05 BID PACKAGE #6
6/6/05 BUILDING PERMIT APPLICATION SET
1 REVISIONS 5/18/05 PER CITY OF O'FALLON COMMENT LETTER

August 23, 2005
STATE OF MISSOURI
GEORGE MICHAEL STOCK
NUMBER E-25116
REGISTERED PROFESSIONAL ENGINEER
GEORGE M. STOCK E-25116

PROGRESS WEST

SITE GEOMETRIC PLAN

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DRAWN BY:	DATE:	CHECKED BY:	DATE:	JOB NUMBER:	SHEET:
J.E.F.	05.09.05	G.M.S.	05.09.05	204-3224	C13A of 36