Clay County, Missouri
Land Survey Document

STATE	JOB NO. J4U0029D	SHEET NO.
MO	PROJECT NO.	14
DIST NO. 4	COUNTY CLAY	ROUTE 152

NOTE:
EARTH THAT IS EXCAVATED WITHIN THE LIMITS OF THE BRIDGES AND CHANNEL WILL BE USED AS FILL MATERIAL FOR GRADING ALONG RTE. 152 AT RAMP 2 AND ALONG MAPLEWOODS UNTIL ALL AVAILABLE EXCAVATED MATERIAL IS EXPENDED. SEE CROSS SECTIONS FOR AREAS OF GRADING

NOTE:
SLOPE LIMITS SHOWN FOR MAPLEWOODS PARKWAY NORTH OF RAMPS 1 AND 3 AND SOUTH OF RAMPS 2 AND 4 ARE ESTIMATED AND MAY VARY ON THE EXACT AMOUNT OF AVAILABLE FILL MATERIAL. CONTINUE MAPLEWOODS PARKWAY GRADING WITHIN MoDOT RIGHT-OF-WAY LIMITS SO THAT NO EXCESS FILL MATERIAL REMAINS. GRADING OPERATIONS SHALL NOT IMPEDE ON EXISTING DRAINAGE CHANNEL LIMITS.

SCALE: 1:1000

SE1/4 NW1/4 SEC1-T51N-R33W
NW1/4 SE1/4 SEC1-T51N-R33W
CENTER SEC 1 SEC1-T51N-R33W
NE1/4 SW1/4 SEC1-T51N-R33W
1/4 SECTION LINE
1/4 1/4 SECTION LINE

CURVE DATA
℄ FUTURE RAMP NO.3
PI 0+169.972
Δ 63°08'24" RT.
T 143.082
L 256.600
R 232.849
SE 0.06 m/m
Lr 37.000

CURVE DATA
℄ FUTURE RAMP NO.3
PI 0+430.631
Δ 14°56'35" LT.
T 38.172
L 75.911
R 291.063
SE 0.06 m/m
Lr 35.000

28.000 R
STA. 0+046.430 ℄ FUTURE RAMP NO. 3
STA. 1+103.065 ℄ FUTURE MAPLEWOODS PKWY.

P.C. 1+036.322
EXIST. R/W
5.4 RT. +100.513
7.2 RT. +073.513
0+100
0+200
0+300
0+400
℄ FUTURE MAPLEWOODS PKWY.
SLOPE LIMITS
FUTURE RCB EXTENSION APPROX. 70m (W/ DROP STRUCTURE)
℄ FUTURE RAMP NO. 3
6.100 R STA. 1+130.801
℄ FUTURE MAPLEWOODS PKWY.
STA. 0+274.985 ℄ FUTURE RAMP NO. 1
STA. 0+000.000 ℄ FUTURE RAMP NO. 3
STA. 1+118.017 ℄ FUTURE MAPLEWOODS PKWY.
2.500 R STA. 1+171.593
℄ FUTURE MAPLEWOODS PKWY.
25.000 R
STA. 0+014.821 ℄ FUTURE RAMP NO. 3
STA. 1+173.846 ℄ FUTURE MAPLEWOODS PKWY.
28.000 R
STA. 0+233.487 ℄ FUTURE RAMP NO. 1
STA. 1+174.593 ℄ FUTURE MAPLEWOODS PKWY.
EXIST. CONC. LINING (UIP)
STA. 3+236.794 ℄ RTE. 152
STA. 1+219.200 ℄ FUTURE MAPLEWOODS PKWY.
BRIDGE NO. A53731
25.000 R
STA. 0+253.730 ℄ FUTURE RAMP NO. 1
STA. 1+174.593 ℄ FUTURE MAPLEWOODS PKWY.
EXIST. R/W
N89°34'45"E
P.C. 0+026.990
S28°16'51"E
P.T. 0+283.490
REQUIRED GRADING FOR GUARD RAIL INSTALLATION SEE STD. PLANS
EXIST. ROCK LINING (UIP)
P.C. 0+332.458
P.T. 0+408.370
EXIST. ROCK LINING (UIP)

CURVE DATA
℄ FUTURE RAMP NO.1
PI 0+031.562
Δ 12°23'08" LT.
T 31.582
L 62.918
R 291.063
SE 0.06 m/m
Lr 35.000

S81°25'15"E
℄ FUTURE RAMP NO. 1
P.T. 0+062.918
+245.281
+233.544
BRIDGE NO. A3846
FUTURE RCB EXTENSION APPROX. 85m
160°
℄ RTE. 152
S55°26'28"E
BRIDGE NO. A3845
CONST. S 69°02'08" E
R/W S 69°02'31" E
S70°18'24"E
+257.484
+242.876
P.C. 0+221.271
5.4 LT. +332.784
7.2 LT. +329.784
P.C. 0+328.974
P.T. 0+402.084
P.T. 0+152.844
P.C. 0+311.520
P.T. 0+404.468
℄ FUTURE RAMP NO. 4
EXIST. R/W
25.000 R
STA. 0+011.520 ℄ FUTURE RAMP NO. 4
STA. 1+296.569 ℄ FUTURE MAPLEWOODS PKWY.
28.000 R
STA. 0+073.166 ℄ FUTURE RAMP NO. 4
STA. 1+388.443 ℄ FUTURE MAPLEWOODS PKWY.
6.100 R STA. 1+335.034
℄ FUTURE MAPLEWOODS PKWY.
STA. 0+405.757 ℄ FUTURE RAMP NO. 2
STA. 0+000.000 ℄ FUTURE RAMP NO. 4
STA. 1+322.834 ℄ FUTURE MAPLEWOODS PKWY.
REQUIRED GRADING FOR GUARD RAIL INSTALLATION SEE STD. PLANS
S45°55'16"E
P.T. 0+383.836
℄ FUTURE RAMP NO. 2
EXIST. R/W
SLOPE LIMITS
P.C. 0+000.000
P.T. 0+117.422

25.000 R
STA. 0+370.774 ℄ FUTURE RAMP NO. 2
STA. 1+281.482 ℄ FUTURE MAPLEWOODS PKWY.
2.500 R STA. 1+293.373
℄ FUTURE MAPLEWOODS PKWY.
28.000 R
STA. 0+374.457 ℄ FUTURE RAMP NO. 2
STA. 1+333.103 ℄ FUTURE MAPLEWOODS PKWY.

CURVE DATA
℄ FUTURE RAMP NO.4
PI 0+092.412
Δ 30°28'48" RT.
T 63.436
L 123.870
R 232.849
SE 0.06 m/m
Lr 37.000

CURVE DATA
℄ FUTURE RAMP NO.4
PI 0+358.880
Δ 18°06'00" RT.
T 46.350
L 91.948
R 291.063
SE 0.06 m/m
Lr 35.000

NOTE:
ALIGNMENTS SHOWN FOR FUTURE MAPLEWOODS PARKWAY AND THE 4 RAMPS ARE FOR INFORMATION ONLY.

CURVE DATA
℄ FUTURE RAMP NO.2
PI 0+059.520
Δ 23°06'52" RT.
T 59.520
L 117.422
R 291.063
SE 0.06 m/m
Lr 35.000

STA. 3+008.963 RTE. 152 RT.
BUILD 1350mm X 8.0
R.C.P. EXTENSION RT.
DA. 10.1 ha
Q_{50}= 3.2 m^3/s

CURVE DATA
℄ FUTURE RAMP NO.2
PI 0+306.021
Δ 40°00'00" LT.
T 84.750
L 162.559
R 232.849
SE 0.06 m/m
Lr 37.000

STA. 3+240.839 RTE. 152 LT.
INSTALL PRECAST DRAIN BASIN AND 300 mm X 14.0 CMP
DA. 0.02 ha
Q_{50}= 0.01 m^3/s

STA. 3+245.615 RTE. 152 LT.
INSTALL PRECAST DRAIN BASIN AND 300 mm X 5.0 CMP
DA. 0.10 ha
Q_{50}= 0.06 m^3/s

STA. 3+249.771 RTE. 152 RT.
INSTALL PRECAST DRAIN BASIN AND 300 mm X 5.5 CMP
DA. 0.02 ha
Q_{50}= 0.01 m^3/s

STA. 3+255.967 RTE. 152 RT.
INSTALL PRECAST DRAIN BASIN AND 300 mm X 24.0 CMP
DA. 0.10 ha
Q_{50}= 0.06 m^3/s

SE1/4 SW1/4 SEC1-T51N-R33W
SE1/4 SE1/4 SEC1-T51N-R33W

NOTE: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

MAPLEWOODS PRKWY.

TRANSYSTEMS CORPORATION
MW-152 2/27/98 3905-00

Highway Dept
Clay Co

http://www.ClayCoGov.com