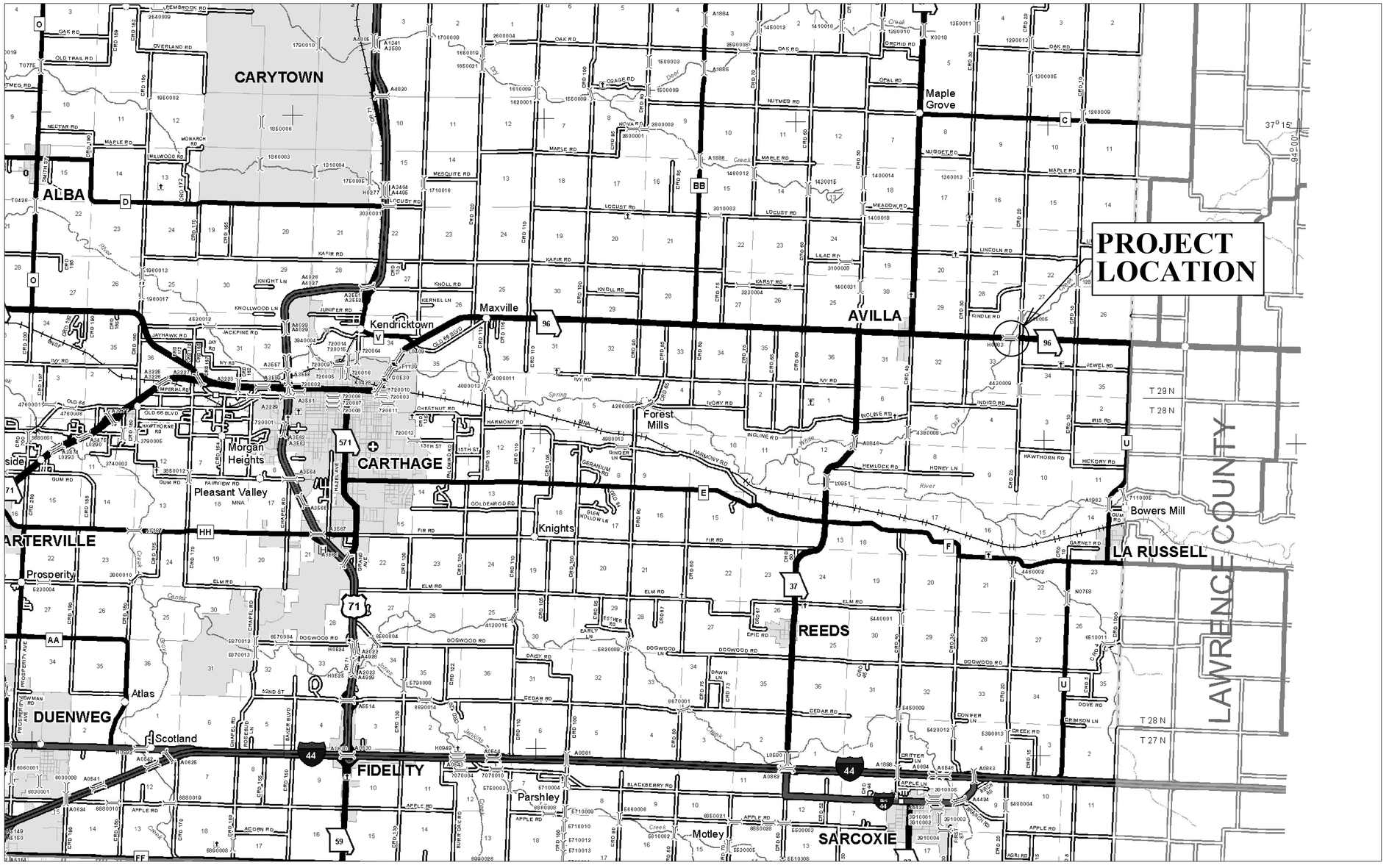

CARYTOWN
ALBA
Maple Grove
PROJECT LOCATION
Maxville
Kendricktown
AVILLA
Forest Mills
Morgan Heights
CARTHAGE
Pleasant Valley
Knights
Bowers Mill
LA RUSSELL
ARTERVILLE
Prosperity
REEDS
LAWRENCE CO
Atlas
DUENWEG
Scotland
FIDELITY
Parshley
Motley
SARCOXIE
T 29 N
T 28 N
T 27 N
96
71
44
59
37
OAK RD
MAPLE RD
LOCUST RD
KAFIR RD
KNOLL RD
IVY RD
INCLINE RD
HARMONY RD
HICKORY RD
ELM RD
DOGWOOD RD
CEDAR RD
APPLE RD
JEWEL RD
LINCOLN RD
MEADOW RD
NUTMEG RD
OSAGE RD
OPAL RD
ORCHID RD
NUGGET RD
LILAC RD
KARST RD
JUNIPER RD
KERNEL LN
KNOLLWOOD LN
JACKPINE RD
JAYHAWK RD
OLD 66 BLVD
HAWTHORNE RD
CHESTNUT RD
15TH ST
GERANIUM LN
GOLDENROD RD
FIR RD
GLEN HOLLOW LN
HAWTHORN RD
HONEY LN
HEMLOCK RD
INDIGO RD
IRIS RD
GARNET RD
DOVE RD
CRIMSON LN
CREEK RD
CRITTER LN
APPLE LN
BLACKBERRY RD
EARLY LN
DAISY RD
DAWN LN
EPIC RD
FAIRVIEW RD
GUM RD
ACORN RD
AGRI RD
Spring River
Wyatt Creek
Oak Creek
Dear Creek
Center Creek
Turkey Creek
Shoal Creek
Indian Creek
Dry Creek
Jones Creek
Buck Creek
Brush Creek
Shawnee Creek
Prosperity Creek
Chapel Creek
Hazel Creek
Brush Creek
Bear Creek
Bird Creek
Bear Creek
Bird Creek
Bear Creek
Bird

SCALE
0 50 100 150

EDWIN L. & GLENDA K. ARNER
(NO TAKINGS)

GRASSLANDS CONSULTANTS
(NO TAKINGS)

GUARDRAIL, DRAIN FLUME, PAVEMENT, EMBANKMENT & SHOULDER CONSTRUCTION

575 580 585

BEGIN PROJECT STA. 577+96.00

END PROJECT STA. 587+16.00

APPROX. ¼ – ¼ SECTION LINE

SW¼-SE¼ SEC28-T29N-R29W

SE¼-SE¼ SEC28-T29N-R29W

NW¼-NE¼ SEC33-T29N-R29W

NE¼-NE¼ SEC33-T29N-R29W

+00.00 70.00′ & 75.00′

+04.00 300.00′

+24.00 300.00′

+24.00 100.00′

+04.00 75.00′

+24.00 75.00′

+04.00 75.00′

EXISTING R/W

SECTION LINE

℄ ROUTE 96

CP-99

CP-100

CP-101

CP-102

CP-103

Existing Fence (Do not Disturb)

S.L.

OE

UT

FO

PP

GUY

SIGN

T RISER

T POLE

3:1

2.5:1

+11 +26

+99 +14

+82±

+78 +93

+66 +81

+45

+47

4′EARTH SHLDR. FOR GUARDRAIL WIDENING, TYP

ESMNT

80′ CHANNEL CONTROL EASEMENT (EXISTING)

WHITE OAK CREEK

AUSTIN D. & MOLLIE H. MARTIN
(NO TAKINGS)

SCOTT L. & KIMBERLY D. WILKERSON
(NO TAKINGS)

HYDROLOGIC DATA
DRAINAGE AREA = 50 SQ. MI.
D.H.W. ELEV. = 1051.2 FT.
Q (100 YR) = 15200 C.F.S.

CLASS A EXC.= 812 C.Y.
COMPACTING EMBANKMENT= 994 C.Y.
COMPACTING-IN-CUT = 3.5 STA.

CLASS A EXC.= 1714 C.Y.
COMPACTING EMBANKMENT = 712 C.Y.

CLASS A EXC.= 344 C.Y.
COMPACTING EMBANKMENT= 1396 C.Y.
EMBANKMENT-IN-PLACE = 852 C.Y.
COMPACTING-IN-CUT = 3.7 STA.

EXISTING PROFILE GRADE

PROPOSED PROFILE GRADE

PVC 577+96.00 1053.60

PVRC 580+76.00 1053.95

PVI 582+46.00 EL 1055.65 L= 340′ K= 194 SSD= 787′

PVRC 584+16.00 1054.38

PVC 587+16.00 1053.25

FILL FACE 581 +46.75

FILL FACE 583+45.25

+1.00% -0.75%

-0.75% +1.00%

-0.75% 0.00%

PVI 579+36.00 EL 1052.55 L= 280′ K= 160

PVI 585+66.00 EL 1053.25 L= 300′ K= 400

3:1 TYP.

100 YR. DESIGN FLOOD EL. 1051.2

EXISTING BRIDGE TO BE REMOVED

EL.1028

EL.1012

ESTIMATED BOTTOM PILE, TYP.

EL.1023

DESIGN SPEED = 65 MPH

1070 1060 1050 1040 1030

576 577 578 579 580 581 582 583 584 585 586 587 588 589

ROUTE	STATE
96	MO
DISTRICT	SHEET NO.
SW	4
COUNTY	
JASPER	
JOB NO.	
J7S3171	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A8873	

DESCRIPTION

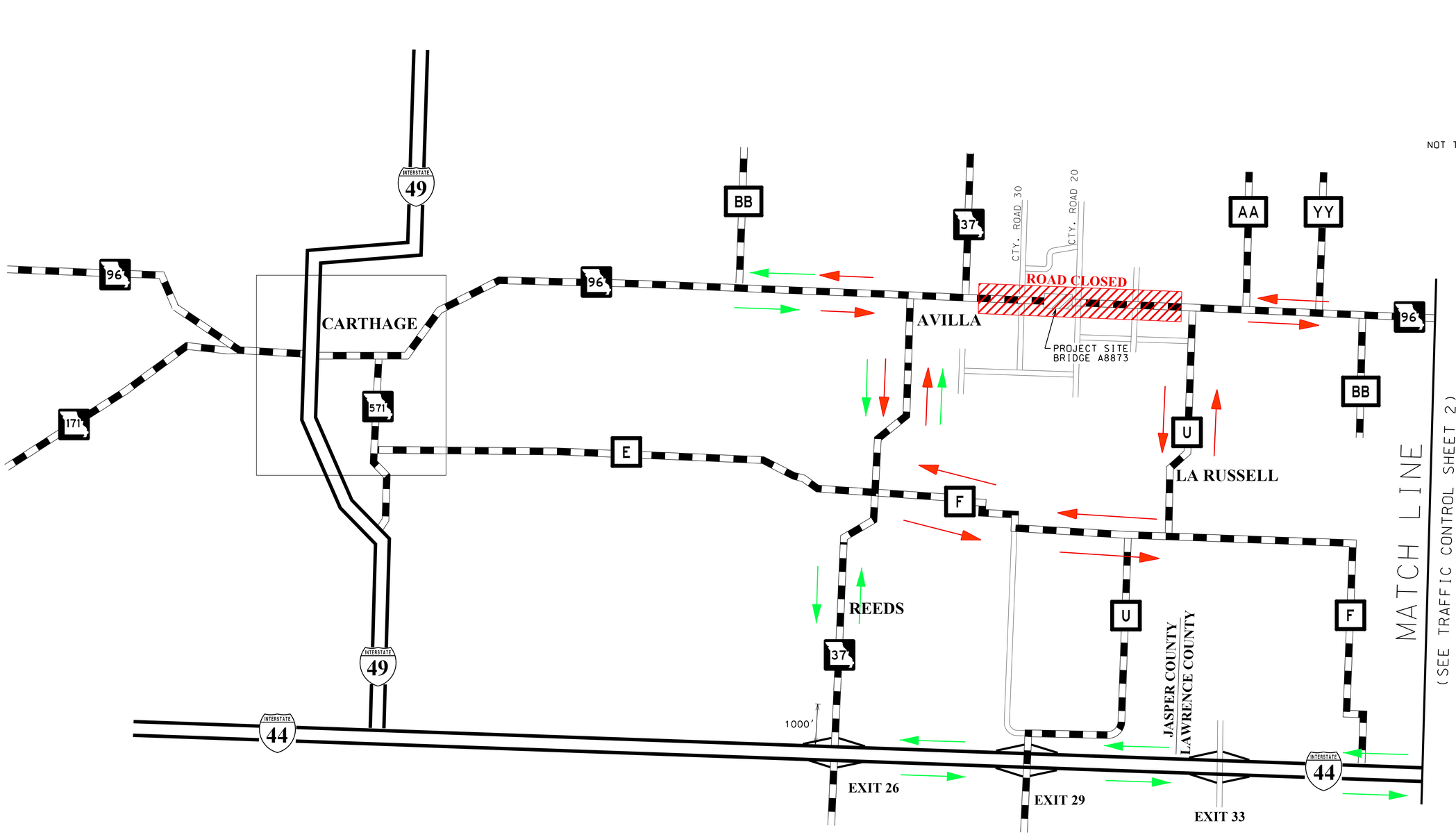
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

VEENSTRA & KIMM, INC.
P.O. Box 236
Liberty, Missouri 64069
816-781-6182
855-241-8011 (WATS)
816-781-0643 (FAX)

Certificate of Authority No. F00362673



TRAFFIC CONTROL

ROUTE	STATE
96	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
JASPER

JOB NO.
J7S3171

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A8873

DESCRIPTION

DATE

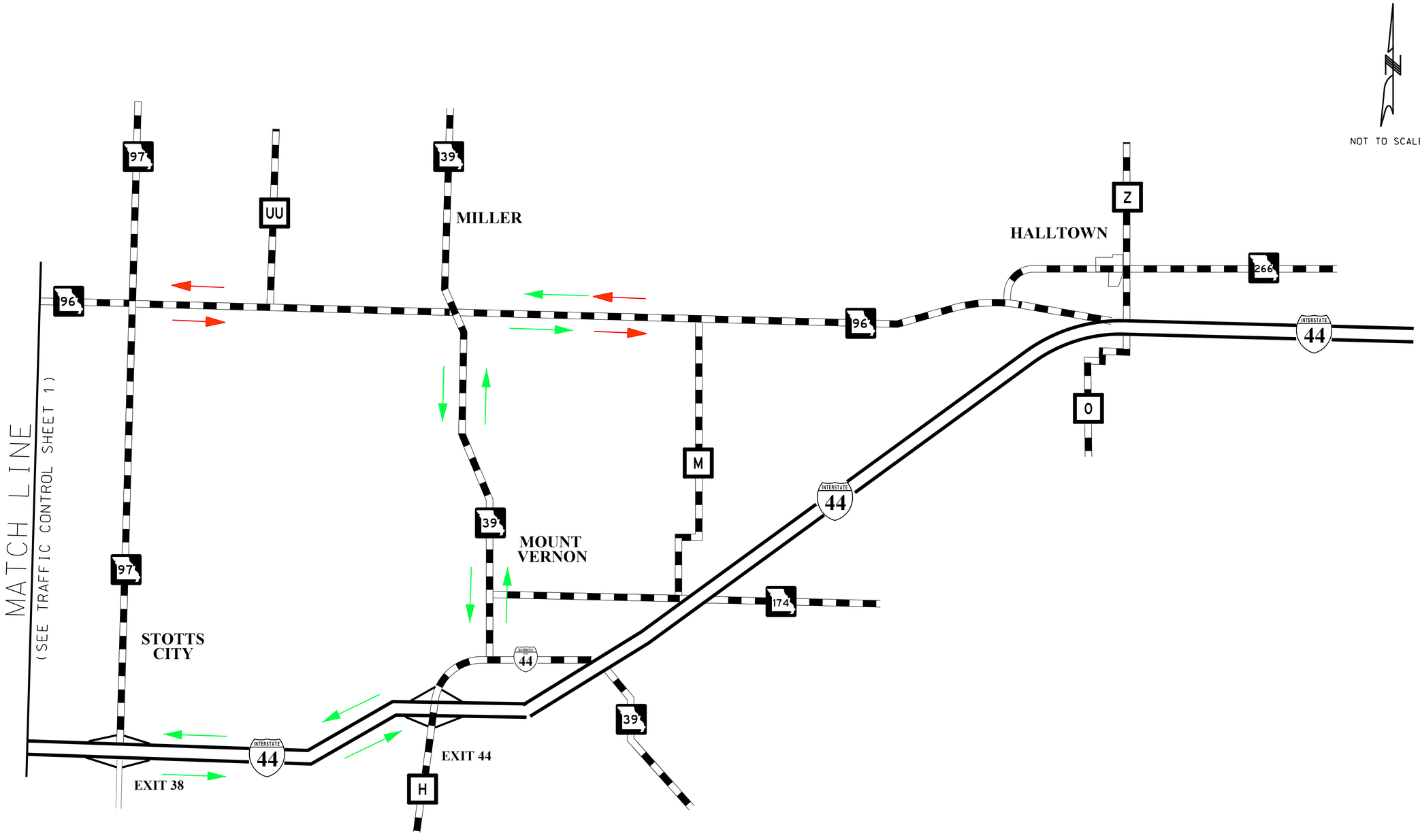
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

P.O. Box 236
Liberty, Missouri 64069
816-781-6162
855-241-8011 (WATS)
816-781-0643 (FAX)

VEENSTRA & KIMM, INC.

Certificate of Authority No. F003626?3



ROUTE	STATE
96	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
JASPER

JOB NO.
J7S3171

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A8873

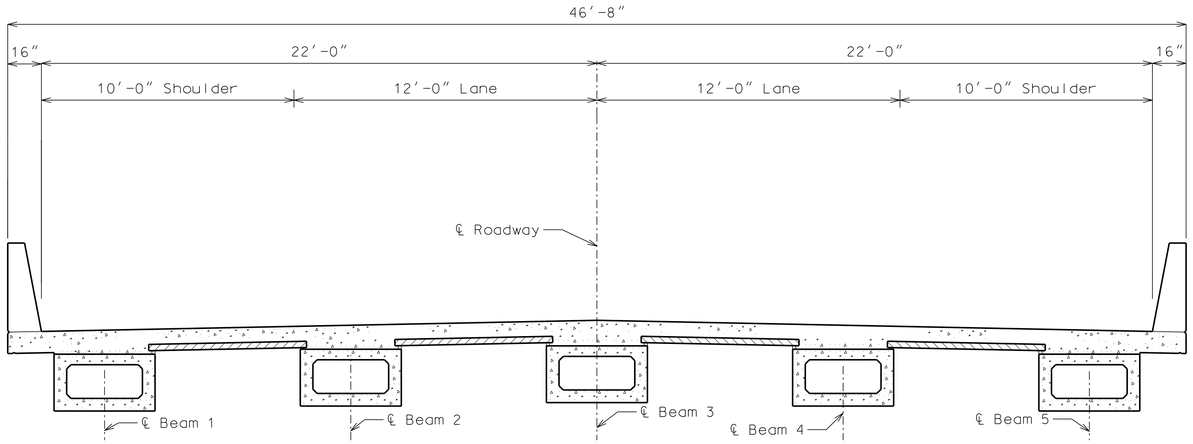
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

VEENSTRA & KIMM, INC.
P.O. Box 236
Liberty, Missouri 64069
816-781-6182
855-241-8011 (WATS)
816-781-0643 (FAX)

Certificate of Authority No. F00362673



TYPICAL BRIDGE SECTION

ROUTE	STATE
96	MO
DISTRICT	SHEET NO.
BR	21

COUNTY
JASPER

JOB NO.
J7S3171

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A8873

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

P.O. Box 236
Liberty, Missouri 64069
816-781-6182
855-241-8011 (WATS)
816-781-0643 (FAX)

VEENSTRA & KIMM, INC.

Certificate of Authority No. F00362673