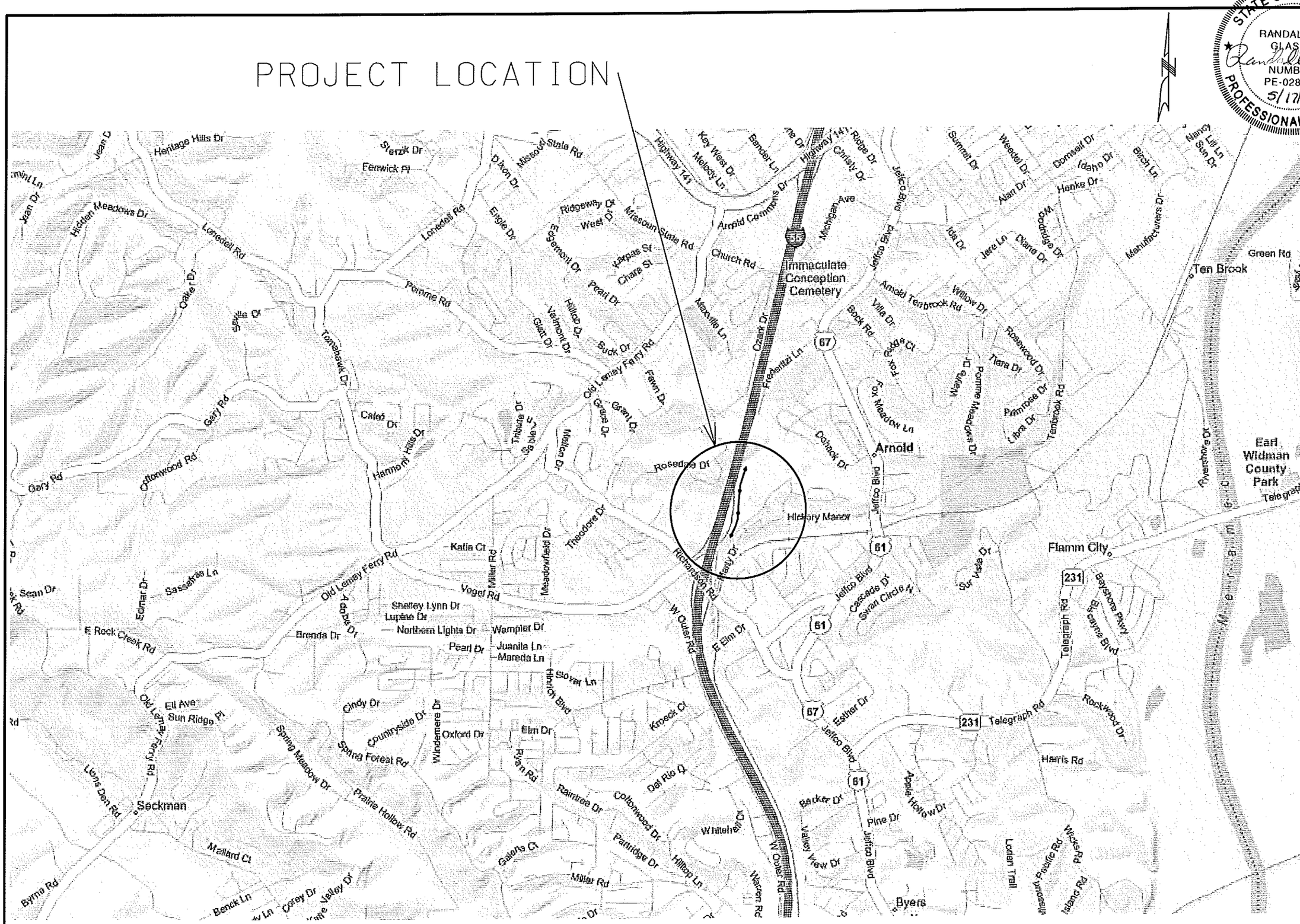
PROJECT LOCATION



STATE OF MISSOURI
RANDALL S. GLASER
NUMBER PE-028327
5/17/2010
PROFESSIONAL ENGINEER

DATE PREPARED	5/10/2010
ROUTE	I-55
STATE	MO
DISTRICT	6
SHEET NO.	1
COUNTY	JEFFERSON
JOB NO.	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION

DATE

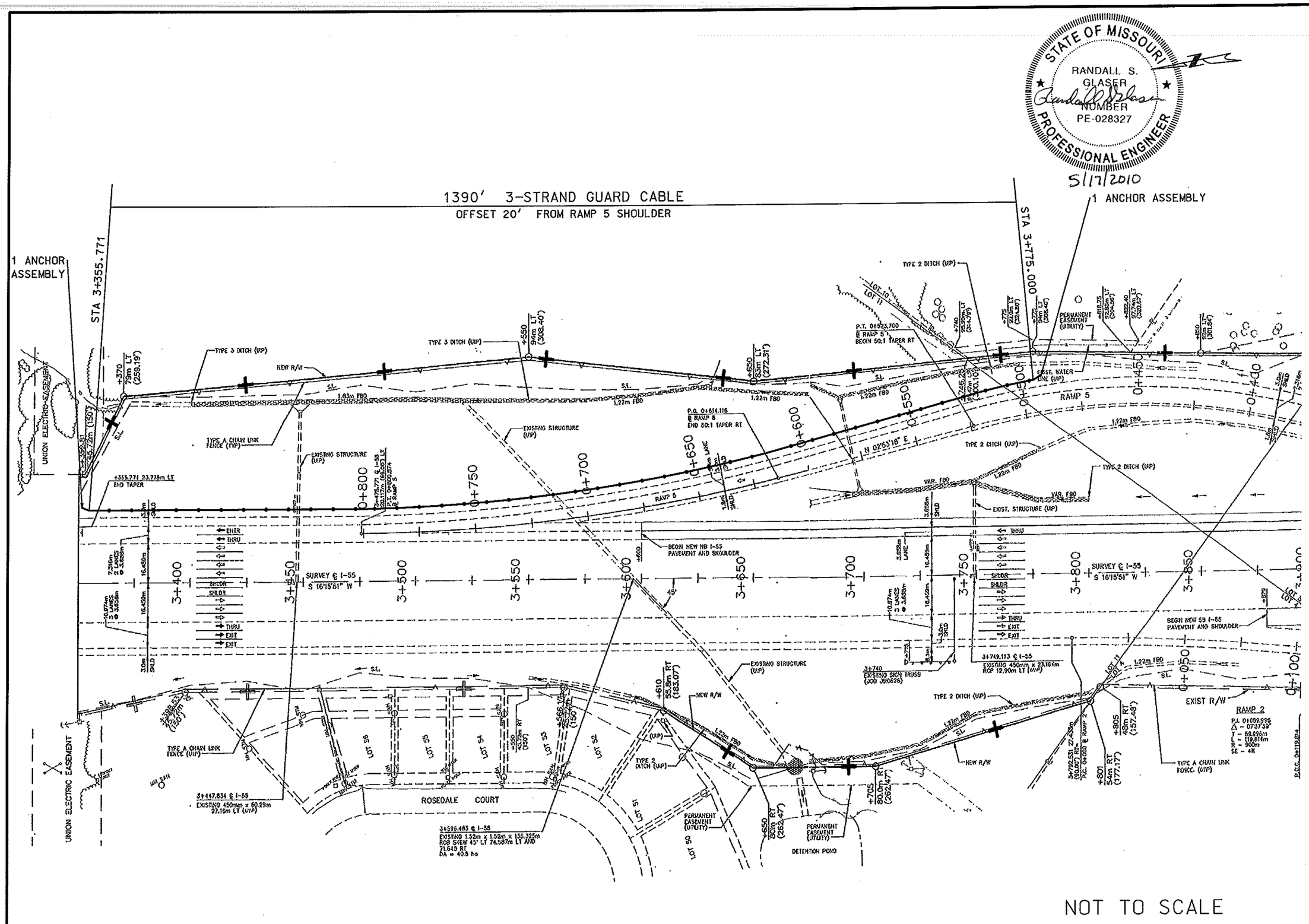
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EXHIBIT A

LOCATION SKETCH
1 OF 3



STATE OF MISSOURI
RANDALL S. GLASER
NUMBER PE-028327
PROFESSIONAL ENGINEER
5/17/2010

DATE PREPARED	5/10/2010
ROUTE	I-55
STATE	MO
DISTRICT	6
SHEET NO.	2
COUNTY	JEFFERSON
JOB NO.	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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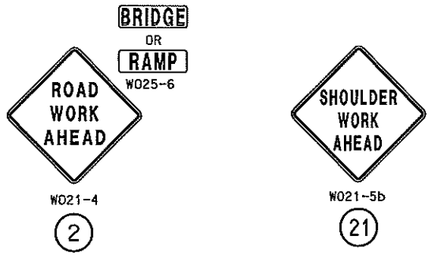
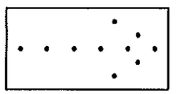
EXHIBIT A

PLAN SHEET 2 OF 3





FLASHING ARROW PANEL
LOCATE AT BEGINNING
OF TAPER WHEN FEASIBLE

TRAFFIC CONTROL LEGEND

- SIGN
- CHANNELIZER, TRIM LINE OR DRUM-LIKE
- TMA — TRUCK MOUNTED ATTENUATOR W/ FLASHING ARROW

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED (1) MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	50
40-45	450	495	540	40	100
50-55	550	605	660	50	100
60-70	700	770	840	60	100

BUFFER SPACE	
SPEED (1) MPH	BUFFER SPACE
0-35	120
40-45	220
50-55	335
60-70	550

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
SPEED (1) MPH	NON-DIVIDED HIGHWAYS (FT)	DIVIDED HIGHWAYS (FT)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	1000

TAPER LENGTH (L)

L = WS FOR 45 MPH OR MORE

$L = \frac{WS^2}{60}$ FOR 40 MPH OR LESS

L = TAPER LENGTH IN FEET
W = LATERAL SHIFT IN FEET
S = POSTED SPEED IN MPH

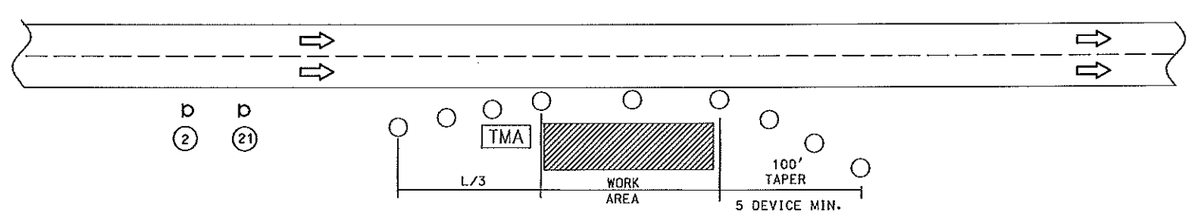
NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

(3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.



RIGHT SHOULDER WORK INTERSTATE ONRAMP

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER WITH WORK VEHICLES PARKED ON THE SHOULDER OF AN INTERSTATE RAMP.

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
4. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

CONSTRUCTION SIGNS

2 EACH ROAD WORK AHEAD - PLACE ONE ADDITIONAL SIGN ALONG MAINLINE ROADWAY BEFORE RAMP GORE
1 EACH SHOULDER WORK AHEAD
1 EACH TRUCK MOUNTED ATTENUATER WITH FLASHING ARROW PANEL

DATE PREPARED 5/10/2010
ROUTE I-55 | STATE MO
DISTRICT 6 | SHEET NO. 3
COUNTY JEFFERSON
JOB NO.
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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EXHIBIT A
TRAFFIC CONTROL
3 OF 3