

**DESIGN DESIGNATION**

NORTHBOUND A.A.D.T. - 2014 = 54405  
 NORTHBOUND A.A.D.T. - 2034 = 57206  
 T = 13%  
 V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION-INTERSTATE

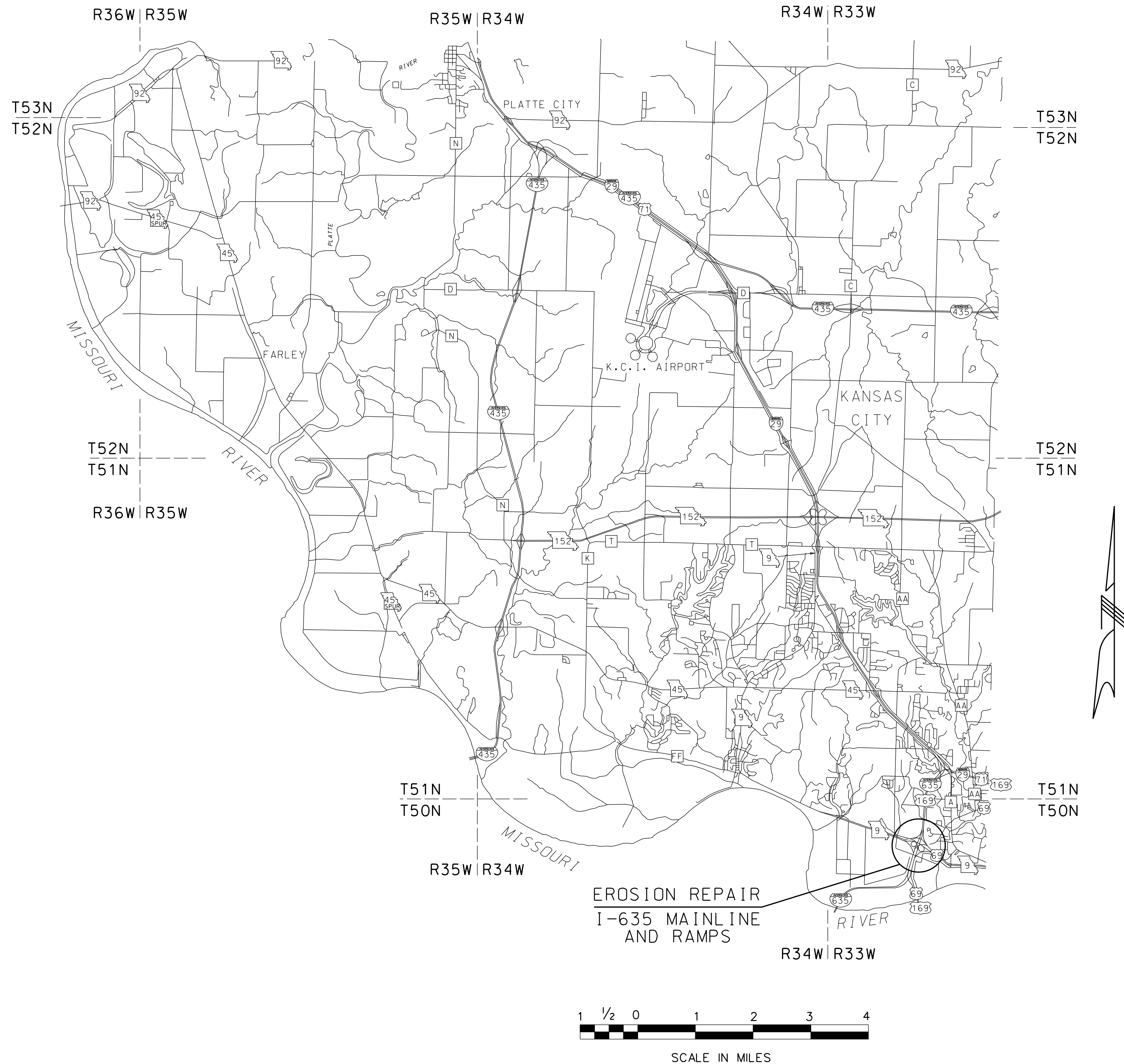
NO RIGHT OF WAY IS TO BE ACQUIRED ON THIS PROJECT

**CONVENTIONAL SYMBOLS (USED IN PLANS)**

- |                              | EXISTING | NEW  |
|------------------------------|----------|------|
| BUILDINGS AND STRUCTURES     |          |      |
| GUARD RAIL                   |          |      |
| CONCRETE RIGHT-OF-WAY MARKER |          |      |
| STEEL RIGHT-OF-WAY MARKER    |          |      |
| LOCATION SURVEY MARKER       |          |      |
| UTILITIES                    |          |      |
| FIBER OPTICS                 | -FO-     | -FO- |
| OVERHEAD TELEPHONE           | -O-      | -O-  |
| UNDERGROUND TELEPHONE        | -T-      | -T-  |
| OVERHEAD POWER               | -P-      | -P-  |
| UNDERGROUND POWER            | -G-      | -G-  |
| GAS                          | -G-      | -G-  |
| WATER                        | -W-      | -W-  |
| MANHOLE                      |          |      |
| FIRE HYDRANT                 |          |      |
| WATER VALVE                  |          |      |
| WATER METER                  |          |      |
| DROP INLET                   |          |      |
| DITCH BLOCK                  |          |      |
| GROUND MOUNTED SIGN          |          |      |
| LIGHT POLE                   |          |      |
| H-FRAME POWER POLE           |          |      |
| TELEPHONE PEDESTAL           |          |      |
| FENCE                        |          |      |
| CHAIN LINK                   |          |      |
| WOVEN WIRE                   |          |      |
| GATE POST                    |          |      |
| BENCHMARK                    |          |      |

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY PLATTE COUNTY



**INDEX OF SHEETS**

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (OO SHEETS)---	N/A
QUANTITIES (OU) (2 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4-8
SPECIAL SHEETS (SS)-----	9
TRAFFIC CONTROL SHEETS (TC)-----	*
EROSION CONTROL SHEETS (EC)-----	10-13

\* TEMPORARY TRAFFIC CONTROL PLANS FOR THIS JOB IS PROVIDED IN JOB NUMBER J412374

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 1
COUNTY PLATTE	
JOB NO. J413020C	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.


DATE	DESCRIPTION

**LENGTH OF PROJECT**

BEGINNING OF PROJECT	STA. 10 + 55
END OF PROJECT	STA. 43 + 09
APPARENT LENGTH	3254 FEET

NET LENGTH OF PROJECT	3254 FEET
STATE LENGTH	0.616 MILES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## SUMMARY OF QUANTITIES

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED

10/18/2013

ROUTE STATE

I-635 MO

DISTRICT SHEET NO.

KC 3

COUNTY

PLATTE

JOB NO.

J413020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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REV.

<b>MOBILIZATION</b>	
PAY TOTAL:	ONE LUMP SUM

EROSION CONTROL			
LOCATION	SILT FENCE (FEET)	TYPE II DITCH CHECK (EACH)	SEDIMENT REMOVAL (CUBIC YARD)
LOCATION 1	400	0	4.00
LOCATION 2	200	0	2.00
LOCATION 3	28	1	0.28
LOCATION 4	28	1	0.28
LOCATION 5	385	0	3.85
LOCATION 6	28	1	0.28
LOCATION 7	635	1	6.35
LOCATION 8	28	0	0.28
LOCATION 8	35	1	0.35
LOCATION 9	25	0	0.25
LOCATION 9	40	0	0.40
<b>PAY TOTAL:</b>	1832	5	18

* REMOVAL OF IMPROVEMENTS			
LOCATION	ITEM	QUANTITY (FEET)	QUANTITY (EACH)
LOCATION 1	ASPHALT CURB	400	-
LOCATION 2	CONCRETE FLUME		1
LOCATION 2	ASPHALT CURB	200	-
LOCATION 3	ASPHALT CURB	32	-
LOCATION 4	ASPHALT CURB	32	-
LOCATION 5	ASPHALT CURB	390	-
LOCATION 6	ASPHALT CURB	32	-
LOCATION 7	ASPHALT CURB	639	-
LOCATION 8	ASPHALT CURB	32	-
LOCATION 8	ASPHALT CURB	30	-
LOCATION 9	ASPHALT CURB	25	-
LOCATION 9	ASPHALT CURB	46	-
<b>PAY TOTAL:</b>	LUMP SUM		

\* INCLUDES SAW CUTS AT NO DIRECT PAY

FLUME DRAIN				
LOCATION	FLUME SLOPE (FEET)	* CONCRETE GUTTER (FEET)	ROCK BASIN (SQUARE FEET)	PAY ITEM (EACH)
LOCATION 2	65	4	60	1
LOCATION 2	78	4	60	1
LOCATION 3	61	8	60	1
LOCATION 4	76	8	60	1
LOCATION 5	-	4	-	1
LOCATION 5	-	4	-	1
LOCATION 6	70	8	60	1
LOCATION 7	60	8	60	1
LOCATION 8	72	8	60	1
LOCATION 9	40	8	60	1
<b>PAY TOTAL:</b>				9

\* INCLUDES SAW CUTS AT NO DIRECT PAY

CURB	
LOCATION	4" TYPE S (FEET)
LOCATION 1	400
LOCATION 2	200
LOCATION 3	16
LOCATION 4	16
LOCATION 5	390
LOCATION 6	16
LOCATION 7	623
LOCATION 8	16
LOCATION 8	30
LOCATION 9	25
LOCATION 9	30
<b>PAY TOTAL:</b>	1762

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## SUMMARY OF QUANTITIES

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I-635 MO

DISTRICT SHEET NO.

KC 3

COUNTY

PLATTE

JOB NO.

J413020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

### \* SHOULDER REPLACEMENT

LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SQUARE FEET)	7" TYPE 1 AGG. BASE (SQUARE YARDS)	9" BP-1 (TONS)	ESTIMATE FACTOR (TONS/CUBIC YARD)
LOCATION 5	5	6	30.00	3	1.64	1.971
LOCATION 5	10	6	60.00	7	3.29	
LOCATION 5	10	6	60.00	7	3.29	
LOCATION 7	70	6	420.00	47	23.00	
LOCATION 7	20	6	120.00	13	6.57	
<b>PAY TOTAL:</b>				<b>77</b>	<b>37.8</b>	

\* INCLUDES SAW CUTS AT NO DIRECT PAY

### SUBGRADING & SHOULDERING

LOCATION	LENGTH (100 FEET)
LOCATION 5	0.05
LOCATION 5	0.10
LOCATION 5	0.10
LOCATION 7	0.70
LOCATION 7	0.20
<b>TOTAL:</b>	<b>1.15</b>
<b>PAY TOTAL:</b>	<b>1</b>

### SEEDING

(ACRE)
<b>PAY TOTAL:</b> 0.3

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

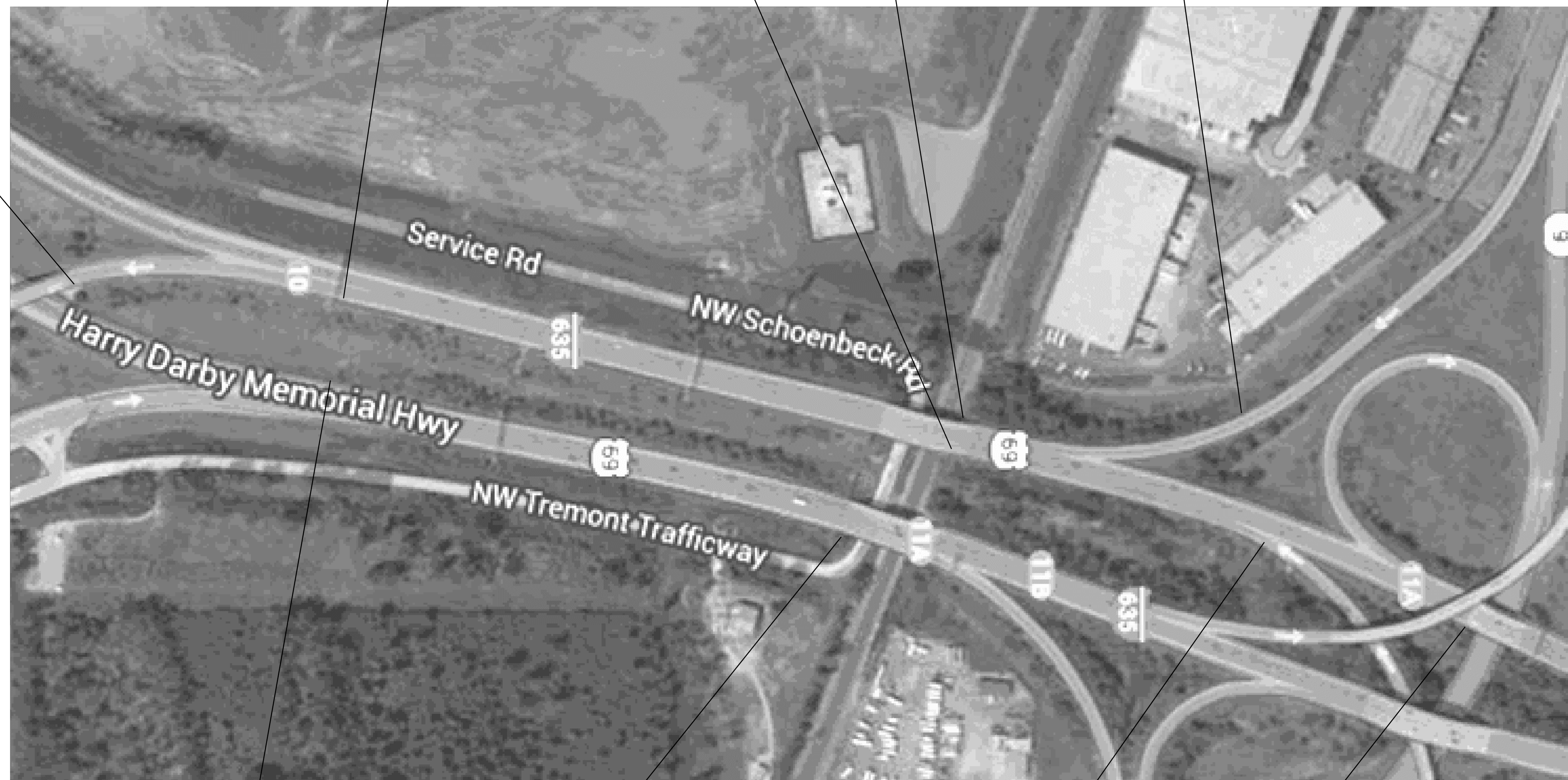
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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

REV.

APPROXIMATELY  
STATION 10+55

1



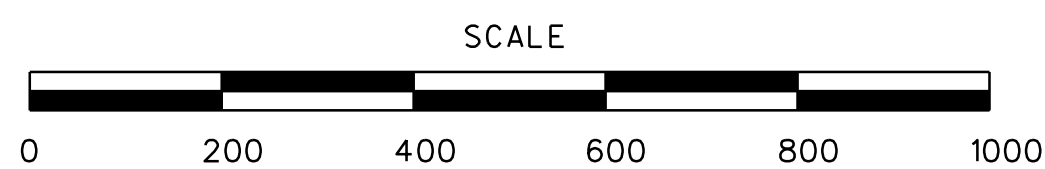
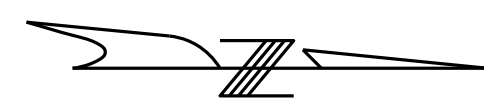
9

8

5

6

APPROXIMATELY  
STATION 43+09



LOCATION SHEET  
PLAN SHEET  
SHEET 1 OF 5

"THIS MEDIA SHOULD  
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10/18/2013

ROUTE STATE  
I-635 MO

DISTRICT SHEET NO.  
KC 4

COUNTY  
PLATTE

JOB NO.  
J413020C

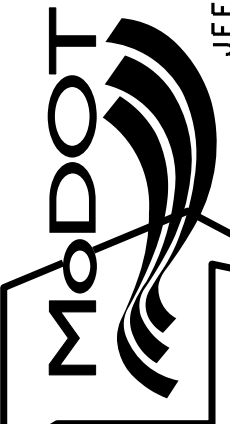
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

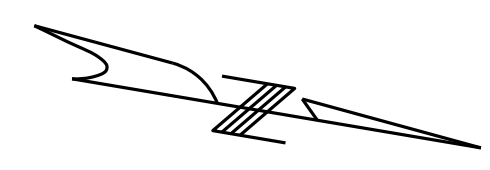
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



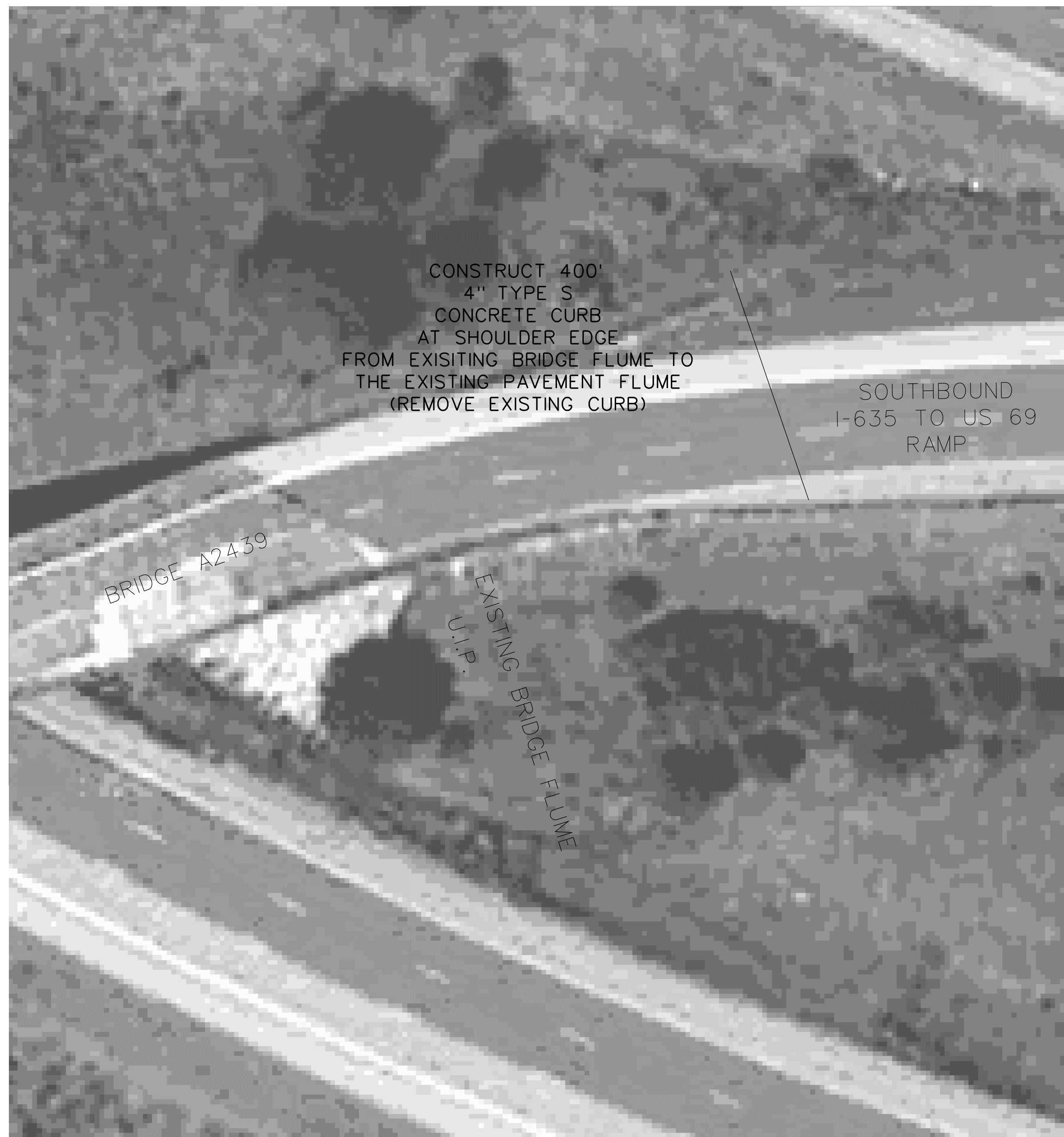
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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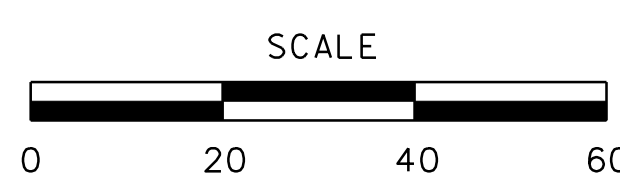


LOCATION ①

LOCATION ②



NOTE: ALL NEW GUARDRAIL SHALL BE CONSTRUCTED ON JOB J412353 AND AFTER NEW CURB IS INSTALLED



PLAN SHEET SHEET 2 OF 5

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY PLATTE	
JOB NO. J413020C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

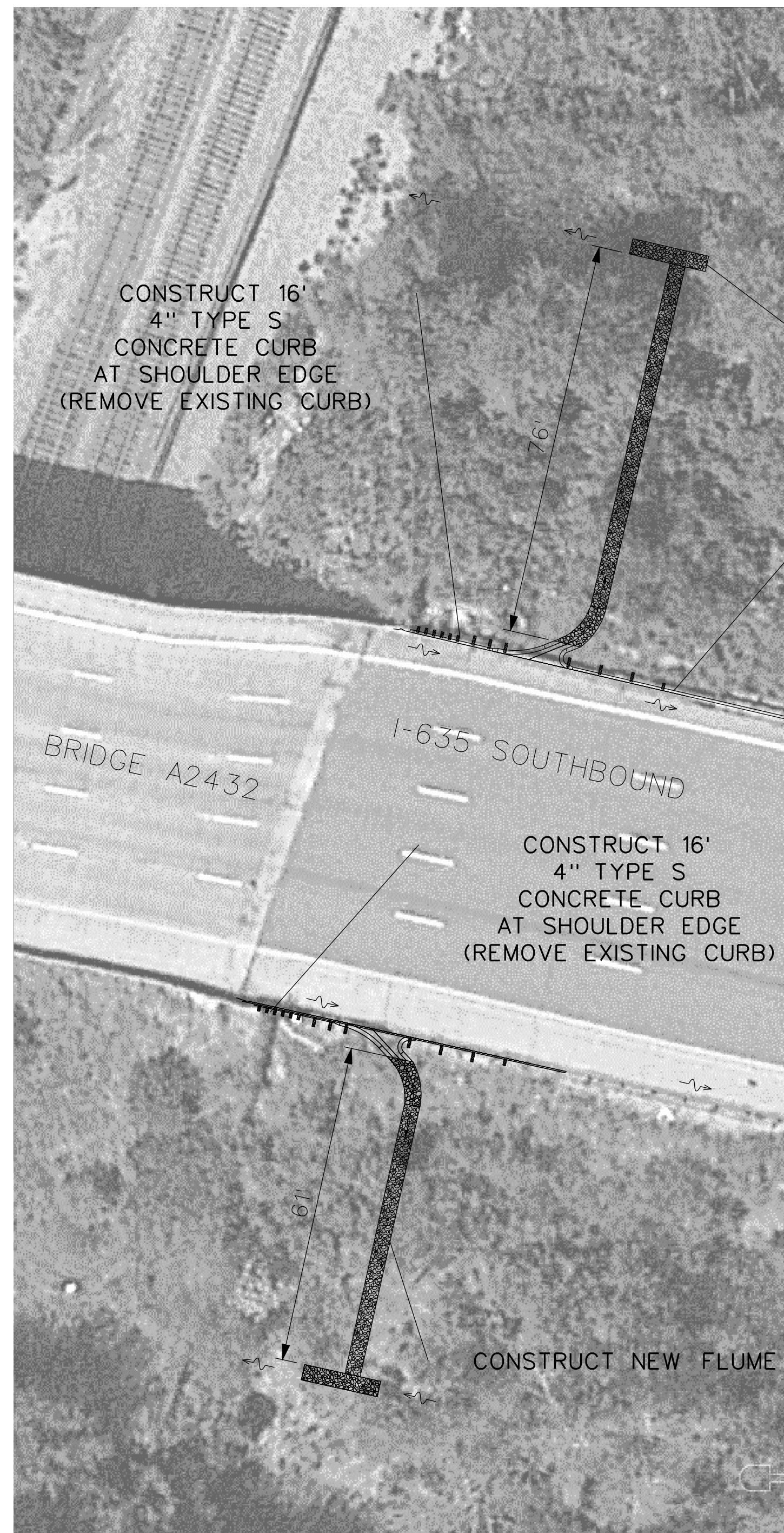
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

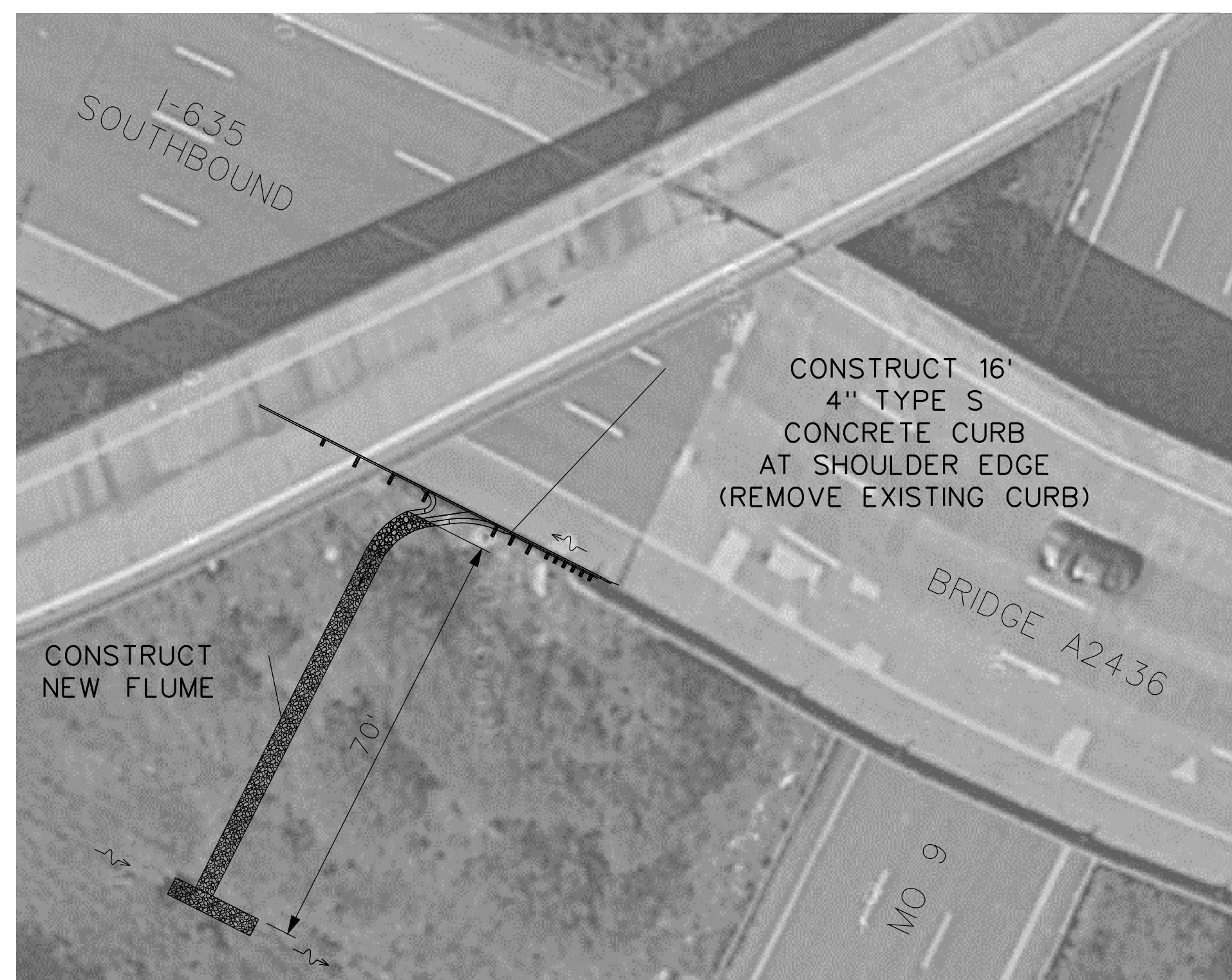
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LOCATION ④

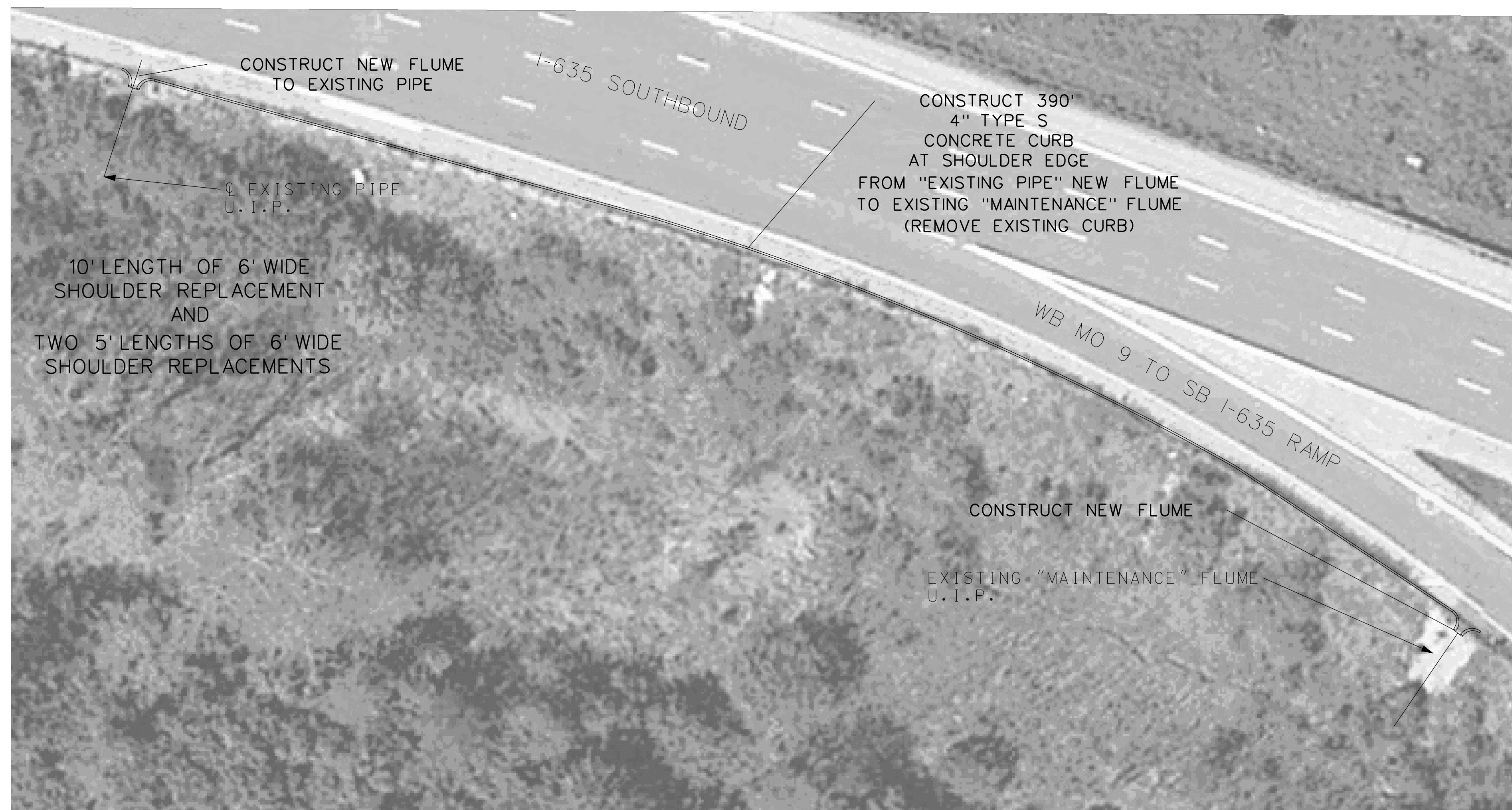
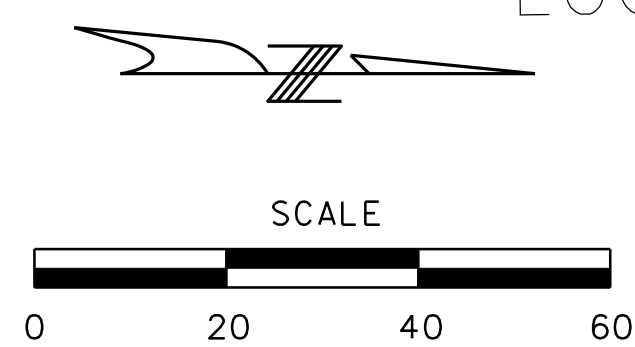


LOCATION ⑥



CONSTRUCT NEW FLUME  
SEE PLAN SHEET 4 OF 5 FOR ADDITIONAL BUILD NOTE

LOCATION ③



LOCATION ⑤

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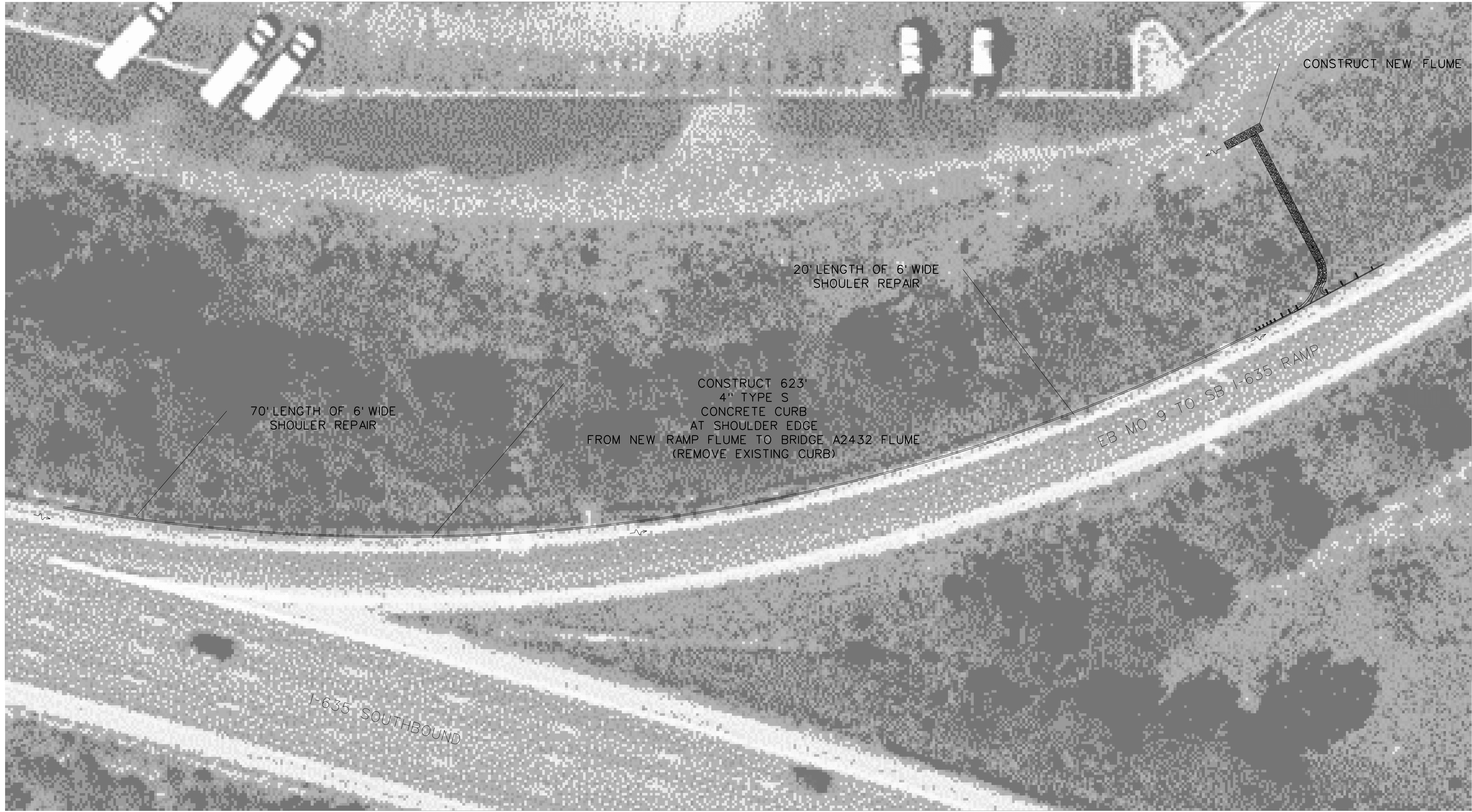
DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 6
COUNTY PLATTE	
JOB NO. J413020C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102  
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DATE PREPARED  
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ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 7

COUNTY  
PLATTE

JOB NO.  
J413020C


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

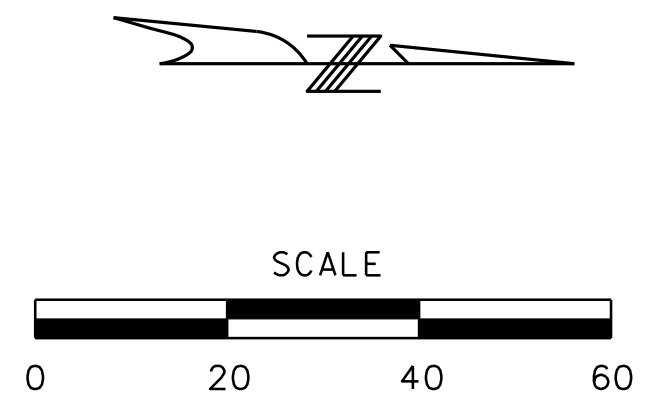
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JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

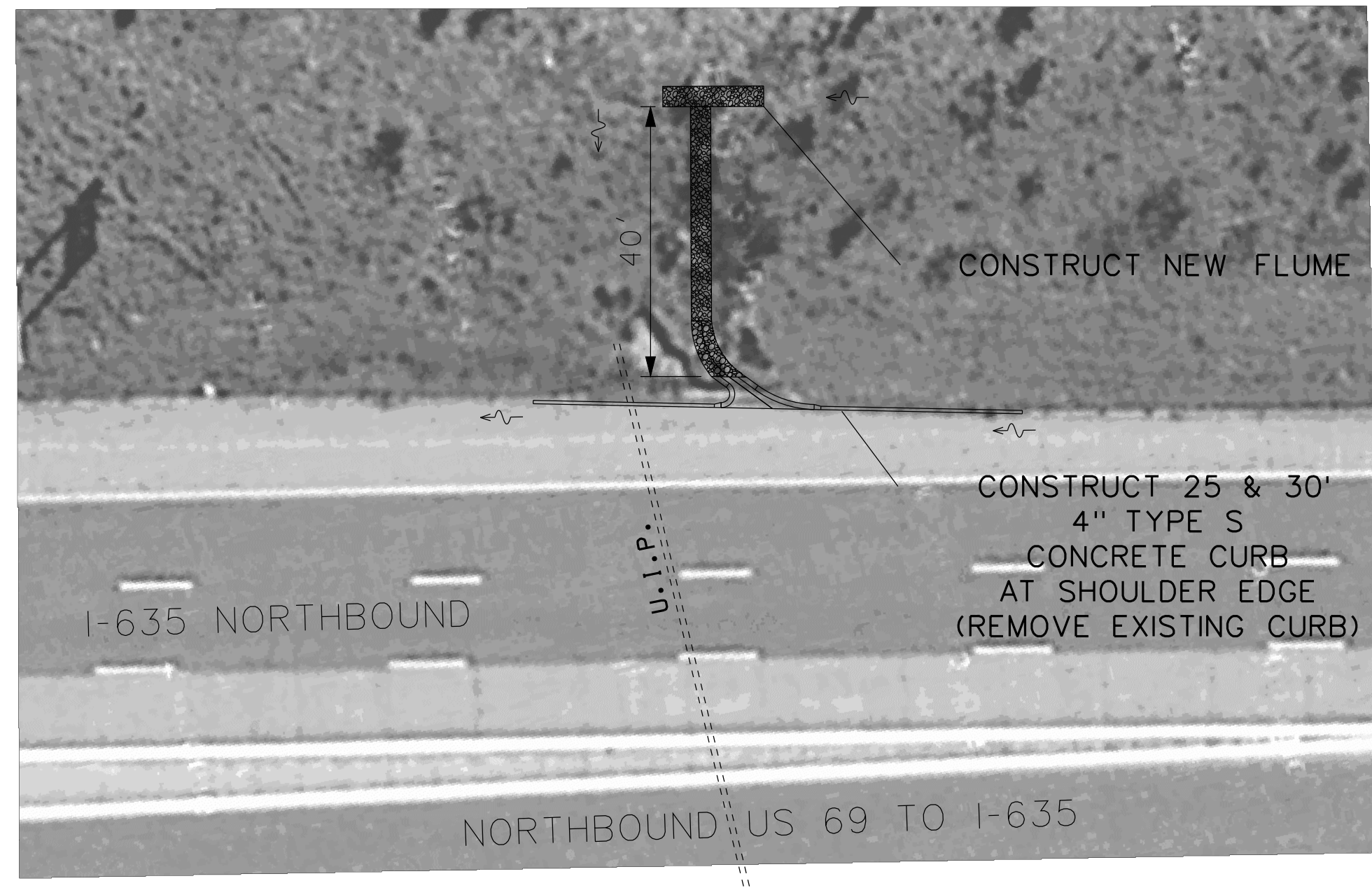
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LOCATION ⑦

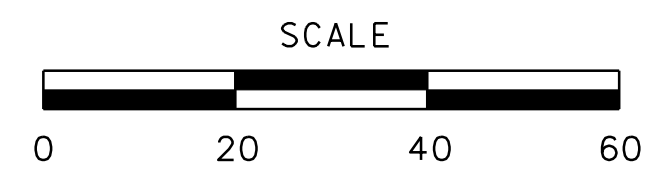
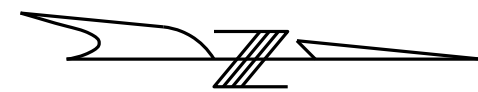


NOTE: ALL NEW GUARDRAIL SHALL BE CONSTRUCTED ON JOB J412353 AND AFTER NEW CURB IS INSTALLED

PLAN SHEET  
SHEET 4 OF 5



LOCATION ⑨



NOTE: ALL NEW GUARDRAIL SHALL BE CONSTRUCTED ON JOB J412353 AND AFTER NEW CURB IS INSTALLED



LOCATION ⑧

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DATE PREPARED  
10/18/2013

ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 8

COUNTY  
PLATTE

JOB NO.  
J413020C


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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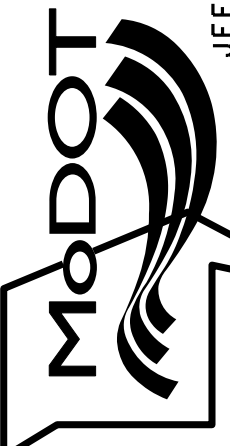


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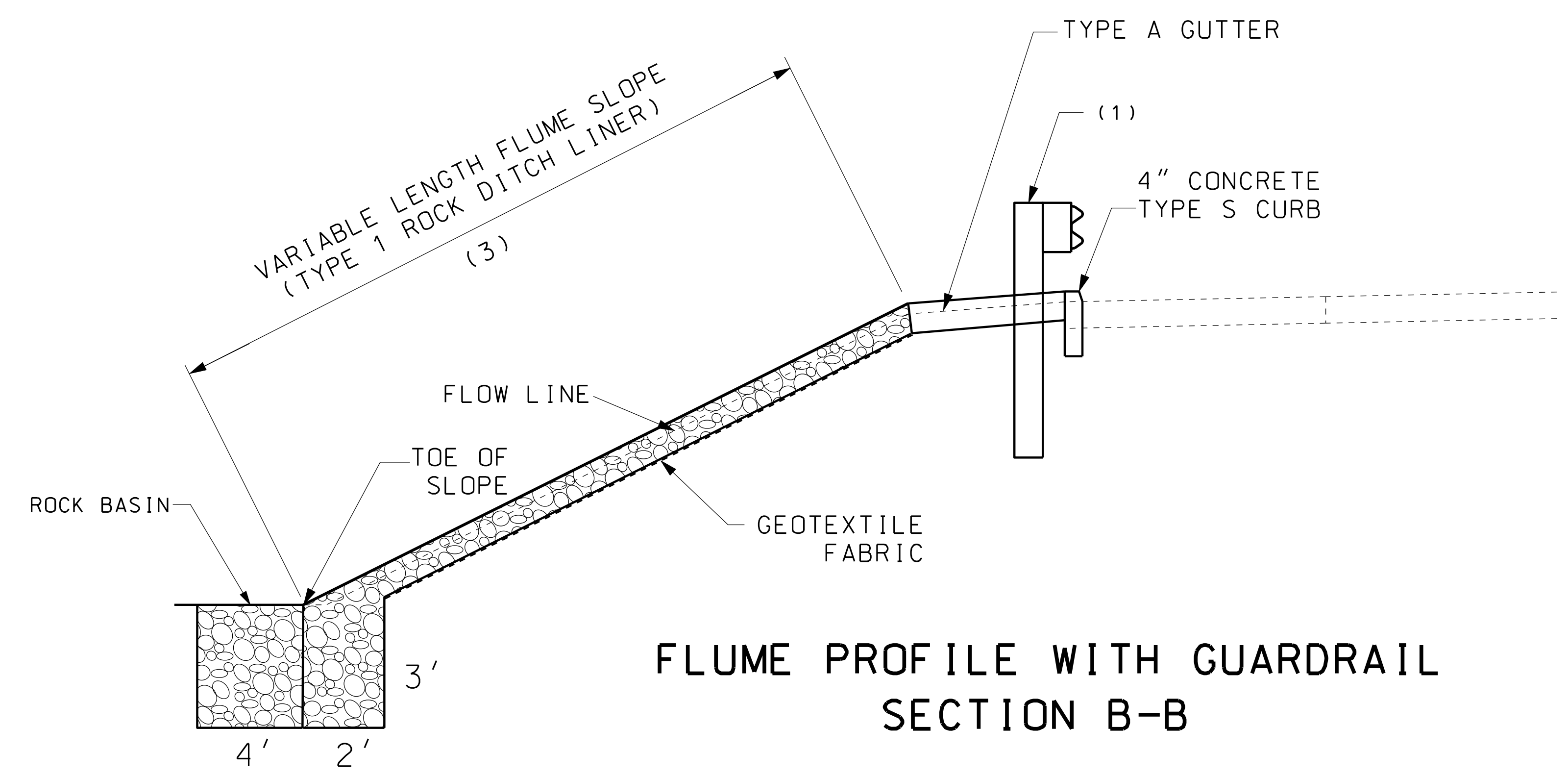
DATE PREPARED  
10/18/2013  
ROUTE I-635 STATE MO  
DISTRICT KC SHEET NO. 9  
COUNTY PLATTE  
JOB NO. J413020C  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

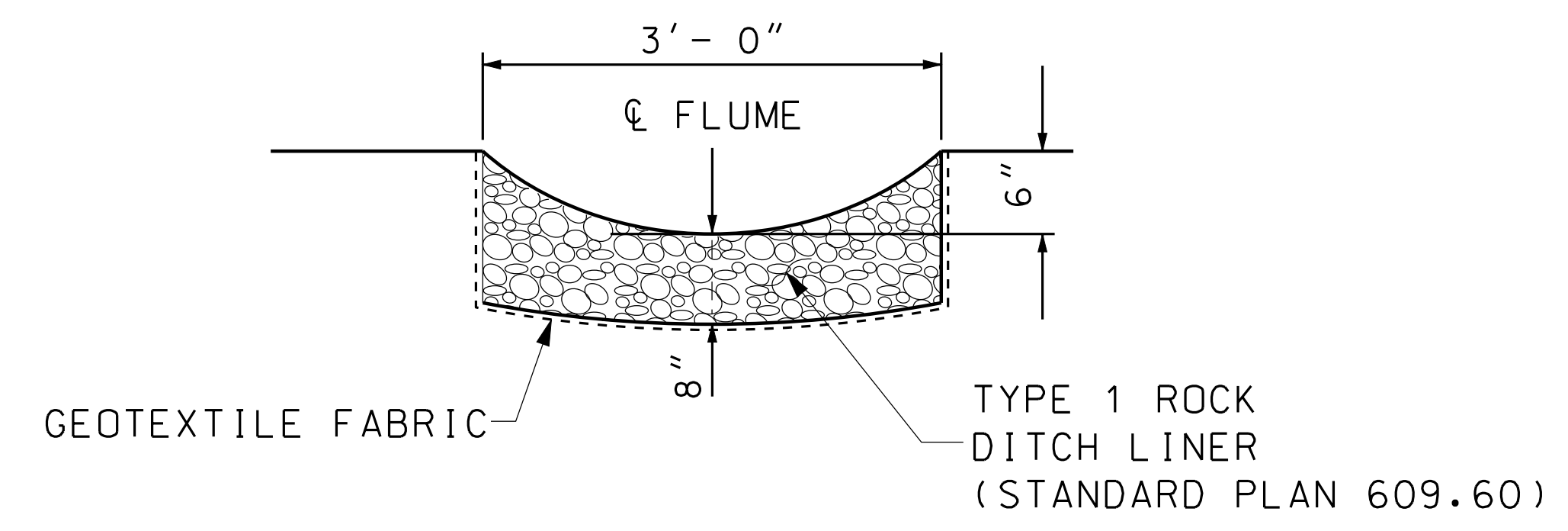
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-273-6636)

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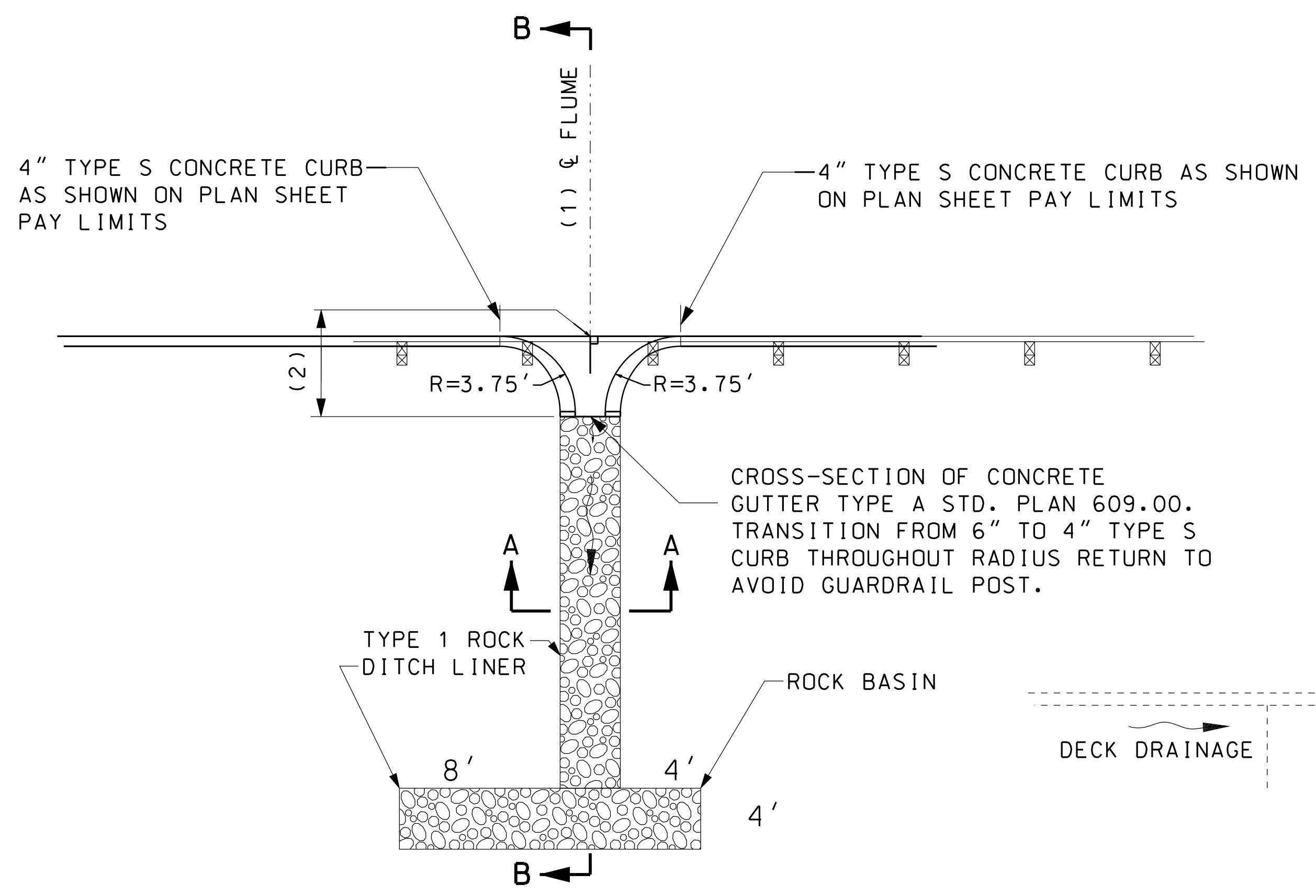
**FLUME PROFILE WITH GUARDRAIL SECTION B-B**



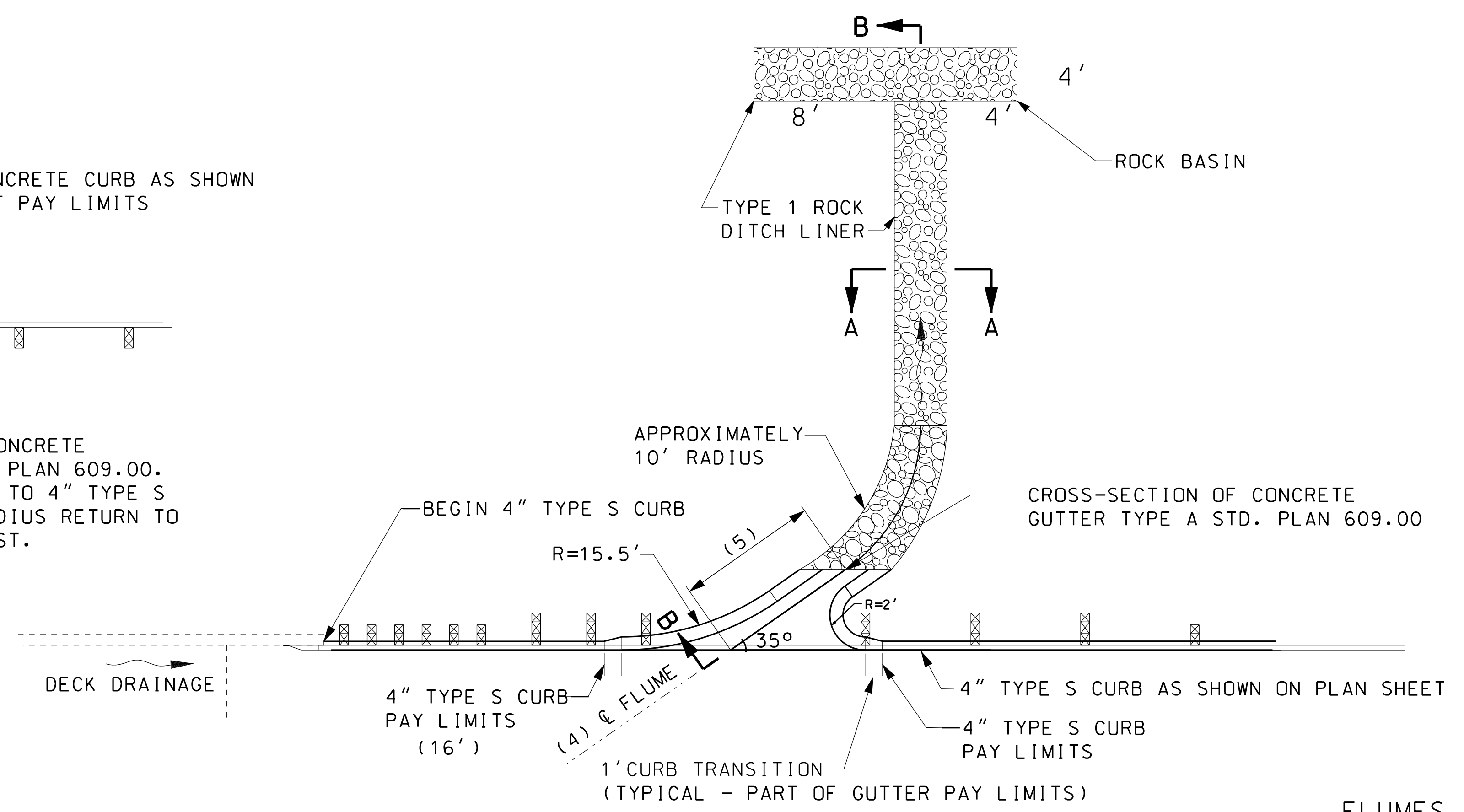
**SECTION A-A**

**NOTES:**

- 1) WHERE APPLICABLE CENTER THE FLUME BETWEEN THE 6.25' SPACED GUARDRAIL POSTS. SEE JOB NUMBER J412353 & STANDARD PLAN 606.22 FOR GUARDRAIL DETAILS.
- 2) LIMITS OF THE CONCRETE GUTTER IS MEASURED DOWN THE CENTER OF FLUME (4 LINEAR FEET).
- 3) SEE PLAN SHEETS AND SUMMARY OF QUANTITIES SHEETS FOR LENGTH.
- 4) LOCATE THE FLUME BETWEEN THE 12.5' LONG-SPAN NESTED W-BEAM. SEE JOB NUMBER J412353 & STANDARD PLAN 606.00 SHEET 8 OF 8 FOR GUARDRAIL DETAILS.
- 5) LIMITS OF THE CONCRETE GUTTER IS MEASURED DOWN THE CENTER OF FLUME (8 LINEAR FEET)

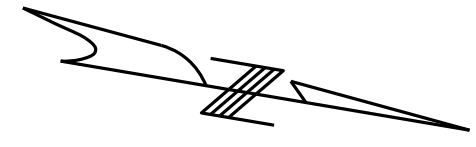


**FLUME AT PROFILE LOW POINT PLAN VIEW**

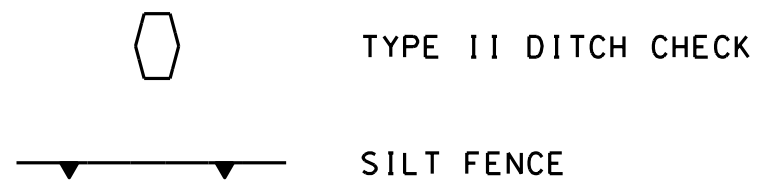


**FLUME AT BRIDGE END OR AT RUNNING GRADE PLAN VIEW**

FLUMES WITH TYPE S CURBS  
SPECIAL SHEET  
SHEET 1 OF 1

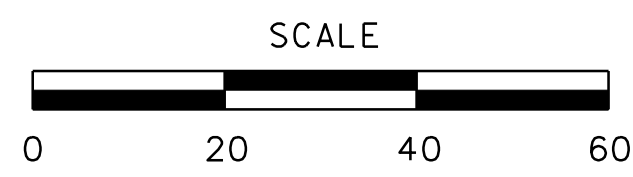


TEMPORARY EROSION CONTROL LEGEND



LOCATION ①

LOCATION ②



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10/18/2013

ROUTE STATE  
I-635 MO

DISTRICT SHEET NO.  
KC 10

COUNTY  
PLATTE

JOB NO.  
J413020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

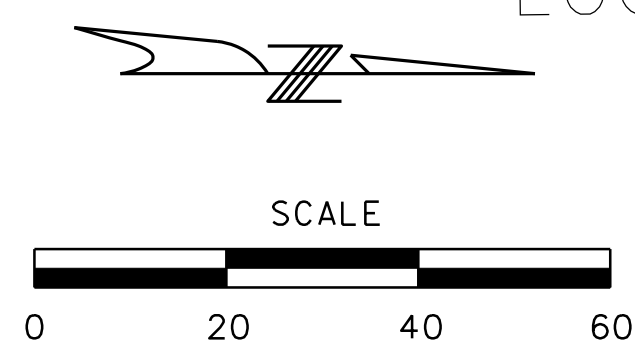
REV.

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LOCATION ④

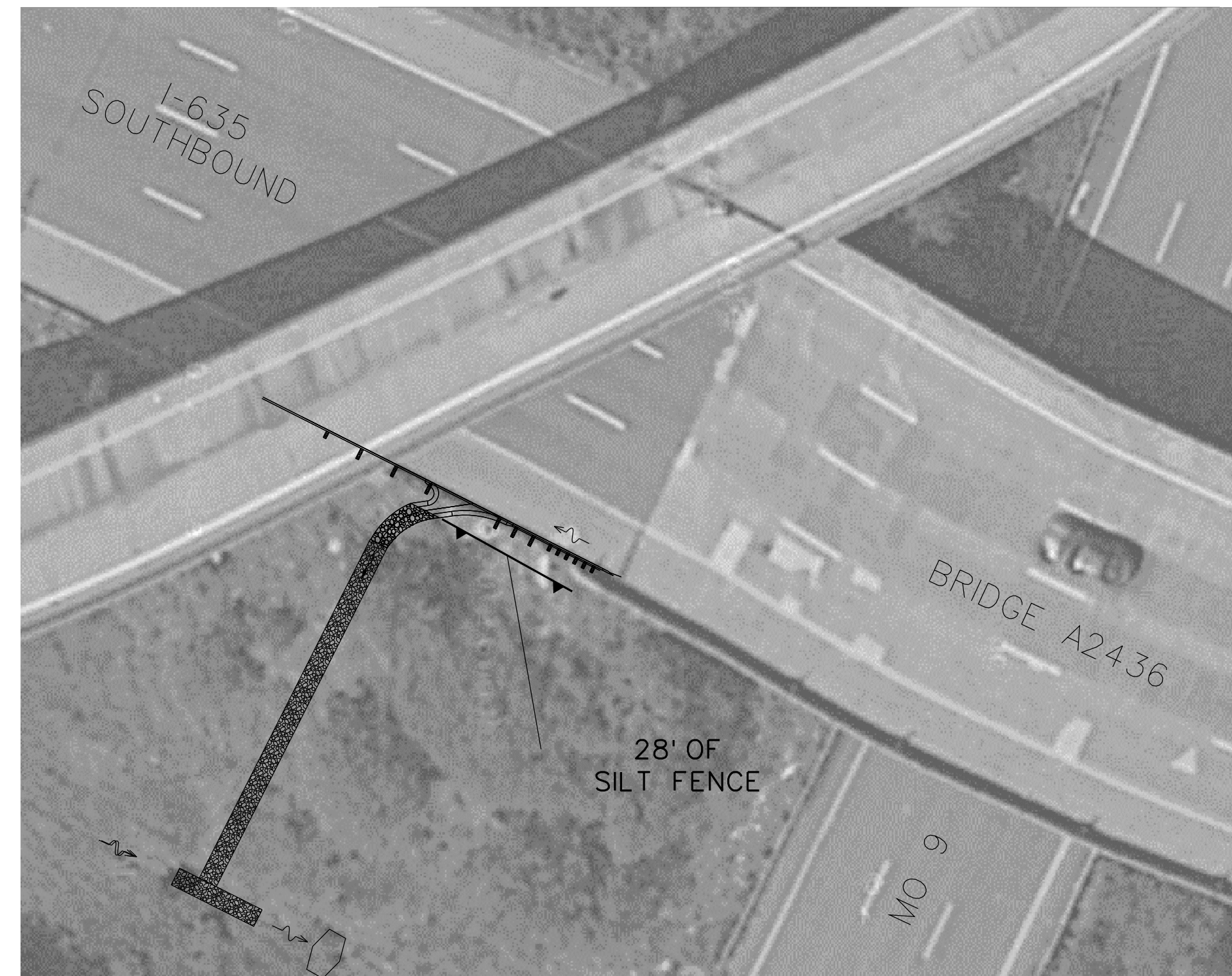


LOCATION ③



SEE PLAN SHEET 4 OF 5 FOR ADDITIONAL BUILD NOTE

LOCATION ⑥



LOCATION ⑤

TEMPORARY EROSION CONTROL SHEET 2 OF 4

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

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ROUTE STATE

I-635 MO

DISTRICT SHEET NO.

KC 11

COUNTY

PLATTE

JOB NO.

J413020C

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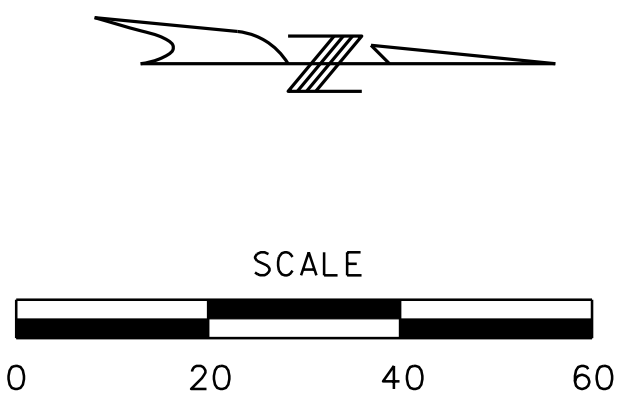
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-273-6636)

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LOCATION ⑦



TEMPORARY EROSION CONTROL  
SHEET 3 OF 4

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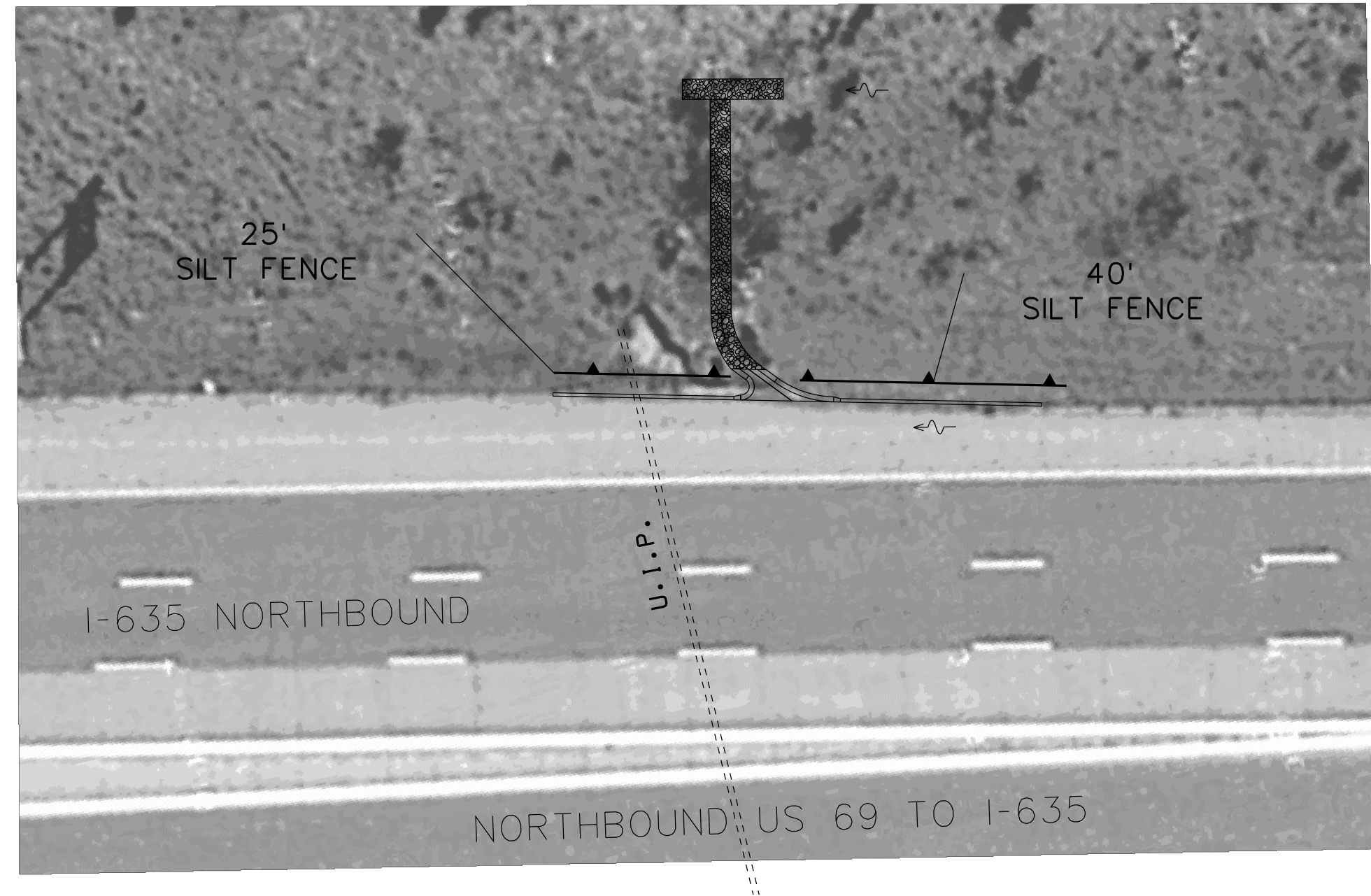
DATE PREPARED 10/18/2013	
ROUTE I-635	STATE MO
DISTRICT KC	SHEET NO. 12
COUNTY PLATTE	
JOB NO. J413020C	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

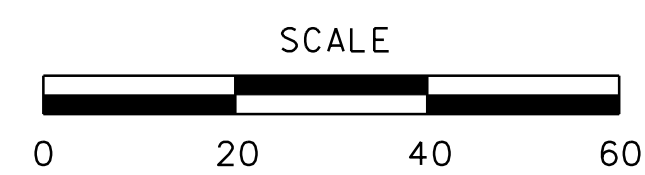
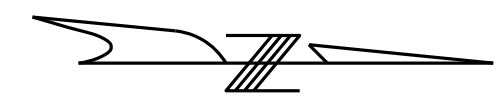
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LOCATION ⑨



LOCATION ⑧

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ROUTE STATE  
I-635 MO

DISTRICT SHEET NO.  
KC 13

COUNTY  
PLATTE

JOB NO.  
J413020C


CONTRACT ID.

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JEFFERSON CITY, MO 65102  
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