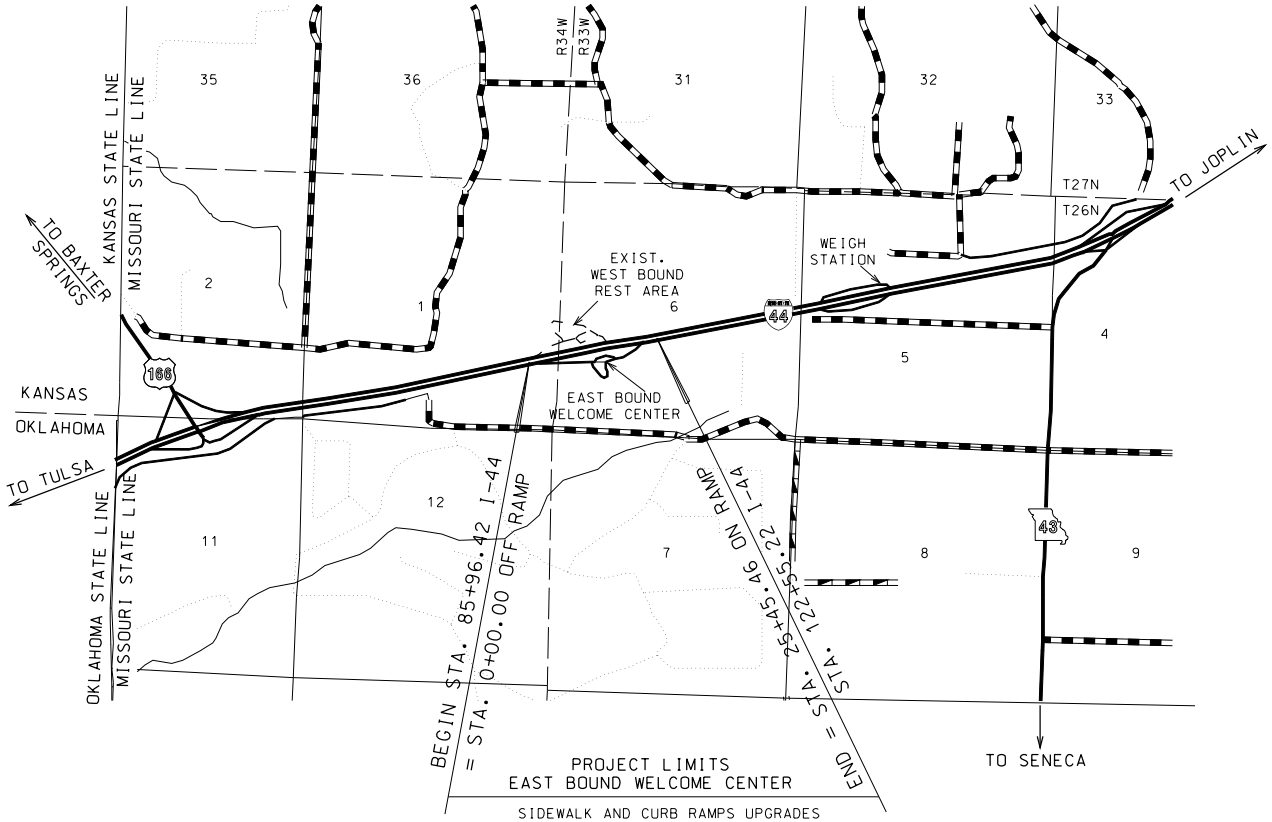
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR ADA COMPLIANT
SIDEWALK AND CURB RAMPS

NEWTON COUNTY



SCALE IN MILES

EXHIBIT A
SHEET 1 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
NUMBER PE-28271
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

ROUTE 44	SHEET NO. 1
JOB NO.	DISTRICT 7
COUNTY NEWTON	STATE MO
CONTRACT ID. RFB: D7-11-029	
PROJECT NO.	
BRIDGE NO.	
DATE PREPARED 2/16/2011	

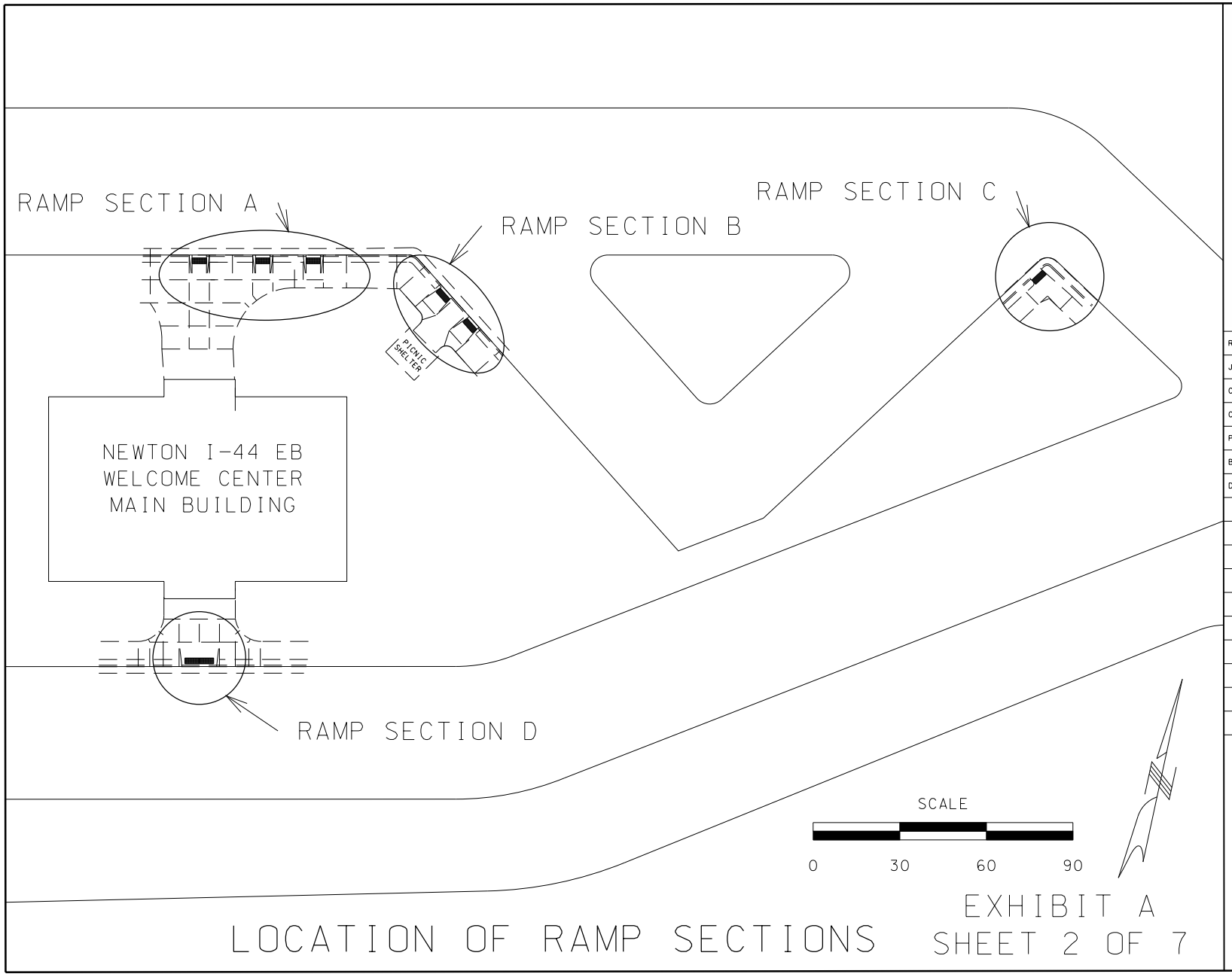
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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



LOCATION OF RAMP SECTIONS

EXHIBIT A
SHEET 2 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
NUMBER PE-28271
PROFESSIONAL ENGINEER

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ROUTE 44	SHEET NO. 2
JOB NO.	DISTRICT 7
COUNTY NEWTON	STATE MO
CONTRACT ID. RFB D7-11-029	
PROJECT NO.	
BRIDGE NO.	
DATE PREPARED 2/16/2011	

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

QUANTITIES SUMMARIZED IN THESE PLANS ARE FOR THE BIDDERS USE IN GENERATING A BID PRICE FOR THE LUMP SUM, FIRM, FIXED PRICE ITEM INCLUDED ON THE PRICING SHEET IN THE REQUEST FOR BID DOCUMENTS:

THE COMMISSION MAKES NO GUARANTEE THE QUANTITY SUMMARY PROVIDED IS CORRECT OR USABLE FOR THE ASSEMBLY OF A BID BY THE BIDDER. THE BIDDER SHALL PROVIDE MORE OR LESS OF THE QUANTITIES TO COMPLETE THE WORK. ERRORS AND OMISSIONS IN THESE QUANTITIES SHALL NOT BE USED AS A BASIS FOR ADJUSTMENT OF THE FIRM, FIXED PRICE BID FROM THE CONTRACTOR AFTER AWARD.

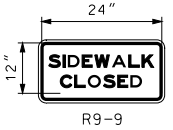
THE BIDDER IS ADVISED TO REVIEW THE PLANS AND FIELD CONDITIONS IN PREPARING AN ACCURATE BID.

PEDESTRIAN TRAFFIC CONTROL

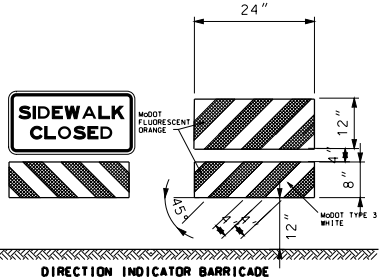
WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36 TO 48 INCHES IN HEIGHT WITH A GAP NO GREATER THAN 6 INCHES FROM THE GROUND AND HOLES NO GREATER THAN 4 INCHES IN ANY DIMENSION.

PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4 FEET OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.

SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH DIRECTIONAL INDICATOR BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN (R9-9) WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH. NO MORE THAN ONE 5 FOOT SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.



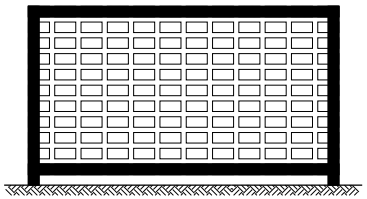
R9-9



DIRECTION INDICATOR BARRICADE

VERTICAL DIMENSIONS DO NOT INCLUDE PROJECTIONS DESIGNED FOR EASE OF HANDLING.

THE PANELS SHALL BE SECURELY ATTACHED TO A SUPPORT THAT IS PORTABLE, CAPABLE OF REMAINING UPRIGHT AND ENTIRELY FREE STANDING.



PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH RIGID SUPPORTS ON ALL SIDES TO PREVENT SAGGING OF THE MATERIAL. ADEQUATE FOUNDATIONS AND BALLAST SHALL BE PROVIDED TO KEEP THE BARRICADE FENCE UPRIGHT AND FREE STANDING

SUMMARY OF QUANTITY

DESCRIPTION	QUANTITY	UNITS	COMMENTS
COMPACTING SUBGRADE	280	SQ FT	UNDER NEW SIDEWALK AND RAMP C
SIDEWALK REMOVAL	380	SQ FT	INCLUDES RAMPS C REPLACEMENT
SAW CUTS	92	LN FT	FOR REMOVALS AND RELIEF JOINTS
NEW 4 INCH SIDEWALK	161	SQ FT	INCLUDES RAMPS C REPLACEMENT
1/2 INCH FIBER JOINT AND SEAL	106	LN FT	BETWEEN EXISTING AND NEW CONCRETE STD PLAN 608.10
SEPARATION GEOTEXTILE	338	SQ FT	INCLUDES BOTTOM AND SIDES
LANDSCAPE ROCK	87	CU FT	2 INCH MAX ARKANSAS RIVER ROCK
RED ADA TILE	10	SQ FT	RAMP C REPLACEMENT
NEW ADA RAMP	119	SQ FT	RAMP C REPLACEMENT

UTILITIES

UTILITY FACILITIES INCLUDING TELEPHONE, WATER, SANITARY, AND ELECTRICITY LOCATED ON THE GROUNDS ARE NOT REPRESENTED ON THESE PLANS. THE USERS OF THESE PLANS ARE ADVISED TO PROCEED WITH CAUTION. DAMAGES ARISING FROM CONFLICT WITH UTILITY FACILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR USERS OF THESE PLANS. THE COMMISSION SHALL NOT BE HELD LIABLE FOR ANY DAMAGES WHICH MAY ARISE FROM THE CONTRACTORS OR USERS WORK WITH THESE PLANS.

EXHIBIT A
SHEET 3 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
NUMBER PE-28271
PROFESSIONAL ENGINEER

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ROUTE 44	SHEET NO. 3
JOB NO.	DISTRICT 7
COUNTY NEWTON	STATE MO
CONTRACT ID. RFB D7-11-029	
PROJECT NO.	
BRIDGE NO.	
DATE PREPARED 2/16/2011	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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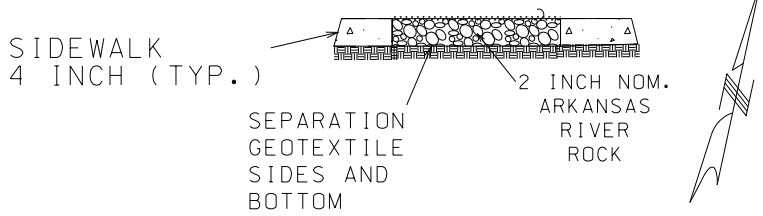
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

REV.

RAMP A QUANTITY SUMMARY	
SIDEWALK REMOVAL	116.0 SQUARE FEET
LANDSCAPE ROCK	38.0 CUBIC FEET
NEW 4 " SIDEWALK	87.0 SQUARE FEET
SEP. GEOTEXTILE	155.0 SQUARE FEET
SAW CUT	55.0 LIN. FEET
FIBER JT. & SEAL	36.0 LIN. FEET

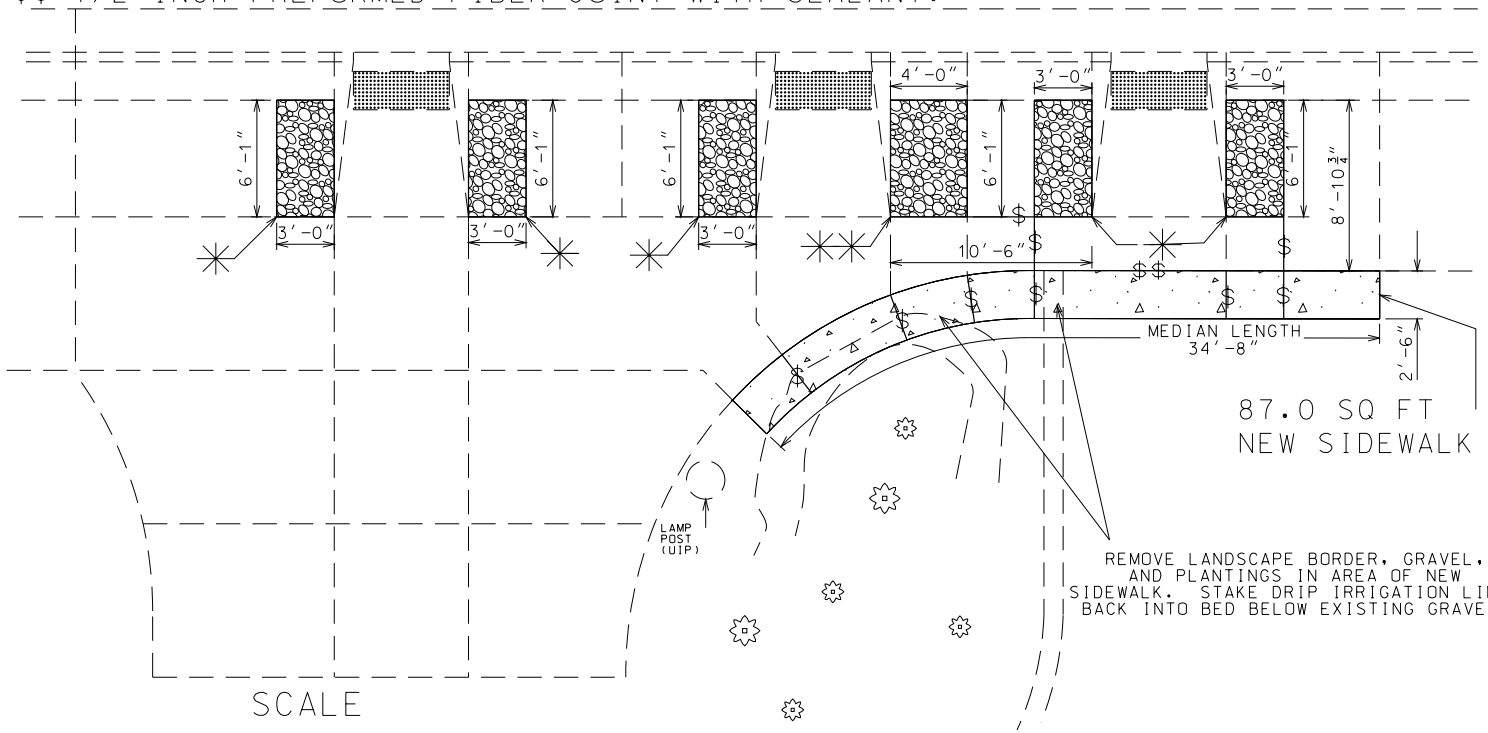


✳ 18.25 SQ FT SIDEWALK REMOVAL REPLACED WITH LANDSCAPE ROCK.

✳✳ 24.33 SQ FT SIDEWALK REMOVAL REPLACED WITH LANDSCAPE ROCK.

$ SAWED JOINT 2 INCHES DEEP. MAXIMUM 1/8 INCH WIDE.

$$ 1/2 INCH PREFORMED FIBER JOINT WITH SEALANT.



SCALE

0 10 20 30

RAMP SECTION A

EXHIBIT A
SHEET 4 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
NUMBER PE-28271
PROFESSIONAL ENGINEER

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ROUTE 44	SHEET NO. 4
JOB NO.	DISTRICT 7
COUNTY NEWTON	STATE MO
CONTRACT ID. RFB D7-11-029	
PROJECT NO.	
BRIDGE NO.	
DATE PREPARED 2/16/2011	

DATE	DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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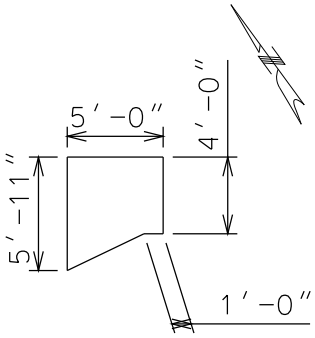
RAMP B QUANTITY SUMMARY	
SIDEWALK REMOVAL	89.0 SQUARE FEET
LANDSCAPE ROCK	30.0 CUBIC FEET
NEW 4" SIDEWALK	74.0 SQUARE FEET
SAW CUTS	29.0 LIN. FEET
FIBER JT. & SEAL	32.0 LIN. FEET
GEOTEXTILE	112.0 SQUARE FEET

✳ 23.8 SQ FT. SIDEWALK REMOVAL REPLACE WITH LANDSCAPE ROCK.

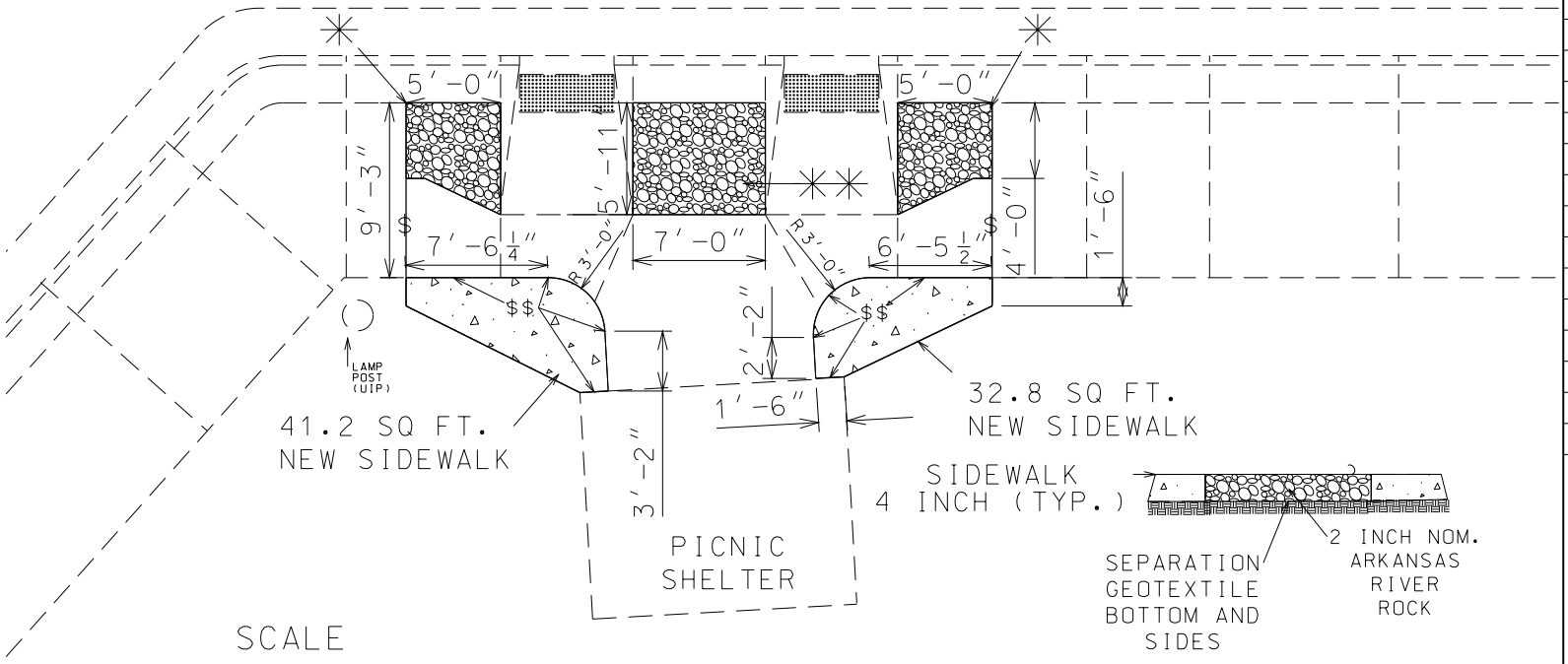
✳✳ 41.4 SQ FT. SIDEWALK REMOVAL REPLACE WITH LANDSCAPE ROCK.

$ SAWED JOINT 2 INCHES DEEP. MAXIMUM 1/8 INCH WIDE.

$$ 1/2 INCH PREFORMED FIBER JOINT WITH SEALANT



TYPICAL REMOVAL DIMENSIONS



SCALE

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RAMP SECTION B

EXHIBIT A
SHEET 5 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
NUMBER PE-28271
PROFESSIONAL ENGINEER

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ROUTE 44	SHEET NO. 5
JOB NO.	DISTRICT 7
COUNTY NEWTON	STATE MO
CONTRACT ID. RFB D7-11-029	
PROJECT NO.	
BRIDGE NO.	
DATE PREPARED 2/16/2011	

DATE	DESCRIPTION

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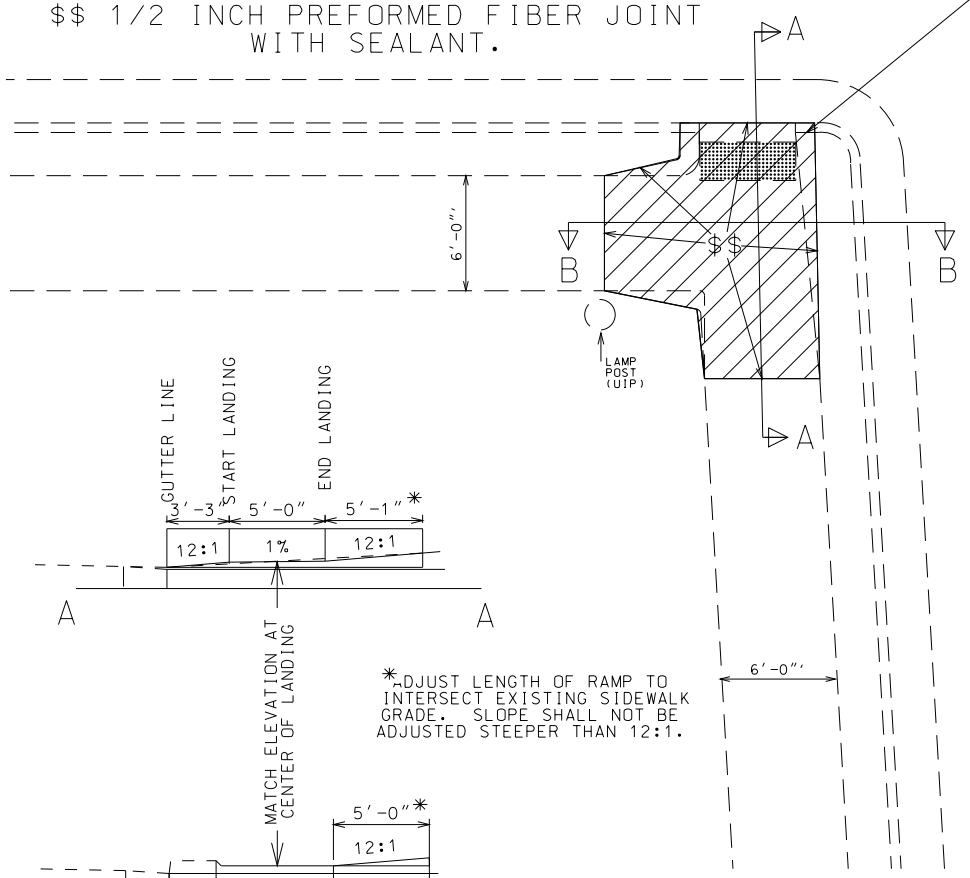
RAMP C QUANTITY SUMMARY	
SIDEWALK REMOVAL	119.0 SQUARE FEET
NEW ADA RAMP	119.0 SQUARE FEET
ADA TILE REPLACE	10.0 SQUARE FEET
FIBER JT& SEAL	38.0 LIN. FEET

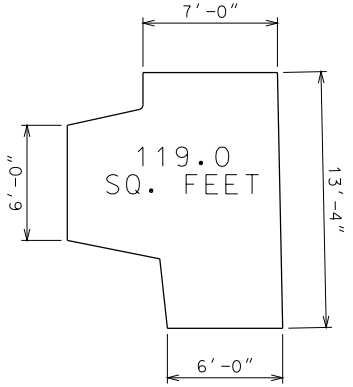
$$ 1/2 INCH PREFORMED FIBER JOINT WITH SEALANT.



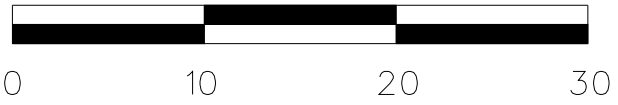
*ADJUST LENGTH OF RAMP TO INTERSECT EXISTING SIDEWALK GRADE. SLOPE SHALL NOT BE ADJUSTED STEEPER THAN 12:1.

NEW ADA RAMP PROFILE

REMOVE AND REPLACE EXISTING ADA RAMP CONCRETE AS PER STD PLAN 608.10. DEPTH VARIES 7" TO 4" CONCRETE IS NOT TINTED. ADA TILE REPLACED WITH RED TILE 2 FEET BY 5 FEET.



SCALE



RAMP SECTION C

EXHIBIT A
SHEET 6 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
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PROFESSIONAL ENGINEER

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ROUTE 44	SHEET NO. 6
JOB NO.	DISTRICT 7
COUNTY NEWTON	STATE MO
CONTRACT ID. RFB D7-11-029	
PROJECT NO.	
BRIDGE NO.	
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JEFFERSON CITY, MO 65102
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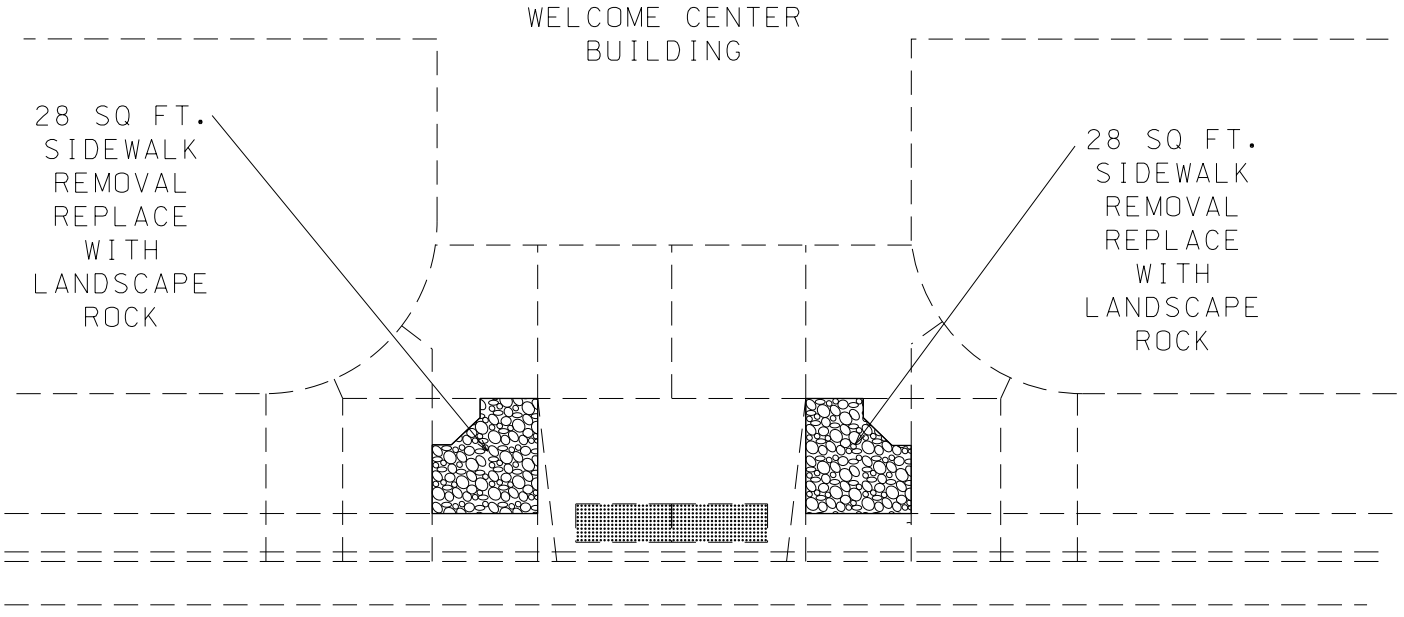
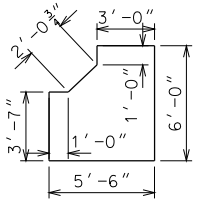
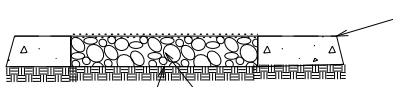
RAMP D QUANTITY SUMMARY	
SIDEWALK REMOVAL	56.0 SQUARE FEET
LANDSCAPE ROCK	19.0 CUBIC FEET
SAW CUT	8.0 LIN. FEET
GEOTEXTILE	71.0 SQUARE FEET





TYPICAL REMOVAL DIMENSIONS



SCALE

RAMP SECTION D

EXHIBIT A
SHEET 7 OF 7

STATE OF MISSOURI
JEROME PAUL DAVIS
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ROUTE 44	SHEET NO. 7
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COUNTY NEWTON	STATE MO
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