

Steven V. Stenger
County Executive



Daniel W. Dreisewerd, P.E., PTOE
Acting Director

Stephanie Leon Streeter, P.E.
Deputy Director

November 07, 2017

ADDENDUM NO. 1

Notice to All Persons and Firms Proposing to Submit a Bid or Furnish Materials for
West Adams Avenue Resurfacing and Adams Avenue-Ballas Road – ARS Infrastructure
St. Louis County Project No. AR-1681 and AR-1479
Federal Project No. STP-5641(603) and STP-5461(602)

The construction contract for this project has been revised as follows:

No. 1

The Bid Opening date for this project has been rescheduled. Sealed Bids will be received until 2 p.m. on **November 15, 2017** and at that time publicly opened and read. An updated "Notice to Contractors" is included with this addendum.

No. 2

Culvert replacement on North Ballas Road at station 19+62.44 to 20+23.55 has been removed from the project. The following Bid Items have been removed or adjusted:

Removed Item NO. 733-06.04 Precast Concrete Box Culvert (6' Width by 4' Height)
Removed Item NO. 611-50.30 Heavy Stone Revetment
Reduced Item NO. 202-22.95 Sawcut (Any Depth / Material)
Reduced Item NO.304-05.04 Type 5 Aggregate Base (4in thick)
Reduced Item NO. 405-30.30 Type "X" Bituminous Concrete (Pavement) (8.5" Base)

Replace "Itemized Bid Sheets", 10 pages total, in the Bid Documents

No. 3

Replace Sheet 2 of 20, Summary of Quantities

No. 4

Replace Sheets 3 & 4 of 20, Detailed Quantities

No. 5

Replace Sheet 7 of 20, Plan Sheet

No. 6

Revised Special Provision No. 600.90.1 "One-Inch (1") Steel Cover Plates" as follows:

- A. The Contractor will be required to provide and place one-inch (1") thick A-36 steel plates beneath the temporary roadway embankment or surfacing and over the partially constructed drainage structures during phased construction. The plates shall be of sufficient size to completely cover the manhole or inlet shaft and provide adequate bearing capacity for the anticipated loading. The plates shall be removed and disposed of when their use is no longer required.
- B. No direct payment will be made for furnishing, placing, and removing steel plates, and adjusting the drainage structures to final grade.

REVISED ITEMIZED BID SHEET NOS. 252a – 261a OF 269 ARE ATTACHED AND REFLECT THE CHANGES NOTED IN ITEM NO. 2 ABOVE. FAILURE TO SUBSTITUTE THE ITEMIZED BID SHEETS MAY RESULT IN REJECTION OF THE BID.

"NOTICE TO CONTRACTORS", IS ATTACHED AND SHOWS THE CHANGES NOTED IN ITEM NO. 1 ABOVE. FAILURE TO SUBSTITUTE THIS BID DOCUMENT MAY RESULT IN REJECTION OF THE BID.

ATTENTION BIDDERS: THE ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.



Joseph Kulesa, P.E.
Division Manager, Design

JWK/CJE

Attachments: Itemized Bid Sheets, Plan Sheets, and Notice to Contractors

NOTICE TO CONTRACTORS

Sealed bids for the Adams Avenue – Ballas Road ARS Infrastructure and West Adams Avenue Resurfacing will be received at the **Office of the Director of Procurement for the County of St. Louis, County Government Center Administration Building, 41 South Central Avenue, 8th Floor, Clayton, Missouri 63105**, until 2:00 p.m. on **November 15, 2017** and at that time will be publicly opened and read.

St. Louis County Project No. AR-1479, Federal Project No. STP-5641(602) and St. Louis County Project No. AR-1681, Federal Project No. STP-5641(603) consists of removal and replacement of deteriorated and/or damaged pavement, curbs and sidewalks; pavement surfacing and texturing; superpave asphaltic concrete overlay; removal and replacement of sidewalk curb ramps, removal and replacement of culvert pipes, installation of new pedestrian signals, sodding and other incidental items on West Adams Avenue and Ballas Road within St. Louis County in a workmanlike manner.

The successful Bidder or Bidders shall be required to comply with the most current applicable Federal (Davis-Bacon Act) and State statutory provisions concerning the payment of prevailing wages on public works, Section 290.210 through 290.340 R.S. Mo. 1959, as amended. All contractors must be on the Missouri Department of Transportation's approved contractor listing, seven (7) days prior to bid opening.

Contractors and sub-contractors who sign a contract to work on a public works project shall provide a ten (10) hour OSHA construction safety program, or similar program approved by the Department of Labor and Industrial Relations, to be completed by their on-site employees within sixty (60) days of beginning work on the construction project.

St. Louis County hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, businesses owned and controlled by socially and economically disadvantaged individuals will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in consideration for an award.

Plans and specifications will be available on **October 16, 2017** from the St. Louis County Web Site (www.stlouisco.com), or by contacting County Blue Reprographics, Inc., 1449 Strassner Drive, St. Louis, Missouri 63144, (314) 961-3800. There will be no refunds on any documents purchased.

Select the following link to view/purchase plans and specifications for this project:

http://countyblue.boxlake.com/viewJobs.asp?action=list&group_id=9999

Bids must be accompanied by a certified check or bidder's bond in an amount equal to 5% of the total bid. All checks shall be made payable to "Treasurer, St. Louis County."

The right is reserved by the St. Louis County to reject any or all bids.

The DBE Goal for this project is 14%.

No 2nd tier subcontracting will be allowed on this project.

DIRECTOR OF PROCUREMENT AND ADMINISTRATIVE SERVICES
ST. LOUIS COUNTY



ADDENDUM 1

ITEMIZED BID BID OPTION 1 OF 1

PAGE 1 OF 10

FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)
COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS (AR-1479) - ADAMS AVENUE - BALLAS ROAD - ARS INFRASTRUCTURE					
202-20.10	Removal of Improvements	L.S.	1		
202-22.95	Sawcut (Any Depth/Material)	L.F.	410		
203-10.30	Land Disturbance Permits	L.S.	1		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	73		
404-12.71	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)CLP	TON	3346.8		
404-21.33	Superpave Asphaltic Concrete Mixture SP95 (PG 70-22)C (Wedge and Level)	TON	2231.2		
405-30.20	Type "D" Bituminous Concrete (Pavement)	TON	94		
405-30.30	Type "X" Bituminous Concrete (Base)	TON	84.5		
407-10.27	Tack-Emulsified Asphalt (SS-1H)	GAL.	3980		



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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS (AR-1479) - ADAMS AVENUE - BALLAS ROAD - ARS INFRASTRUCTURE					
412-10.00	Pavement Surfacing and Texturing	S.Y.	14100		
603-10.35	Adjust Water Service Valve Box to Grade	EACH	5		
604-20.30	Adjusting Manhole to Grade	EACH	10		
604-90.54	Clean Storm Sewer Drainage Structures	EACH	12		
606-10.10	Guardrail, Type "A"	L.F.	700		
606-30.96	Crashworthy Guardrail Terminal, Modified (37.5' Length)	EACH	12		
608-50.97	Remove and Replace Paved Approach (7")	S.Y.	5		
609-30.10	Asphalt Curb	L.F.	2197		
612-30.10	Standard Traffic Control Devices	L.S.	1		



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ITEMIZED BID BID OPTION 1 OF 1

PAGE 3 OF 10

FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS (AR-1479) - ADAMS AVENUE - BALLAS ROAD - ARS INFRASTRUCTURE					
612-60.92	Arrow Panel, Type "B" (Noiseless), Rental	EACH	3		
613-30.01	Partial Depth Pavement Repair, Type X Bituminous (Includes Milling, Concrete or Asphalt)	S.Y.	234.7		
619-00.00	Mobilization	L.S.	1		
726-23.36	36" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	40		
732-00.36	36" Flared End Section	EACH	2		
803-20.00	Strip Sodding	S.Y.	3067		
806-45.00	Inlet Protection	L.S.	1		
SUBTOTAL - ROADWAY ITEMS					



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ITEMIZED BID BID OPTION 1 OF 1

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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS (AR-1479) - ADAMS AVENUE - BALLAS ROAD - ARS INFRASTRUCTURE					
904-24.01	Signal Head, Type 1S, Pedestrian	EACH	8		
904-28.07	Post, Signal, w/Sq. Pedestal Base and Post Cap, 7' Maximum Total Height, Aluminum	EACH	6		
904-45.01	Controller Unit Only, w/Internal Fiber Optic Modem, TS2, Type 2	EACH	1		
904-45.10	Cabinet Door Locking Assembly, Electronic, (with Power Supply, Auxiliary Power Input, Electronic Solenoid, and Card Reader with Key Pad)	EACH	1		
904-49.22	Detector, Pedestrian Push Button, APS, Freezeproof	EACH	8		
904-51.00	Conduit, 1"	L.F.	86		
904-52.00	Conduit, 2"	L.F.	90		
904-74.99	Conduit Repair (locate broken conduit, excavate, remove existing cable, repair/replace conduit, reinstall cable, backfill and restore) (Does not include sidewalk or pavement removal and replacement)	EACH	8		
904-84.00	Wire, Stranded Ground, #6 Gauge	L.F.	130		



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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS (AR-1479) - ADAMS AVENUE - BALLAS ROAD - ARS INFRASTRUCTURE					
904-85.05	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Conduit and Pull Boxes)	L.F.	190		
904-85.06	Cable, Detector Loop, #14 Gauge, 1 Conductor, w/Tube Jacket (In Sawed Slot)	L.F.	1120		
904-85.18	Cable, Push Button and/or Detector Loop Lead-In, #18 Gauge, 2 Conductor (Shielded)	L.F.	1500		
904-85.34	Cable, Communication, #18 Gauge, 4 Conductor (APS)	L.F.	320		
904-91.43	Base, Type P-3, Concrete	EACH	6		
904-95.10	Opening Drilled in Existing Concrete Pull Box	EACH	10		
904-95.40	Adjustment of Concrete Single Pull Box	EACH	2		
904-95.42	Adjustment of Concrete Double Pull Box	EACH	1		
SUBTOTAL - COUNTY TRAFFIC SIGNAL ITEMS					



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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
PEDESTRIAN AND BICYCLE ITEMS (AR-1479) - ADAMS AVENUE - BALLAS ROAD - ARS INFRASTRUCTURE					
608-60.08	Concrete Sidewalk, Curb Ramp	EACH	15		
608-60.94	Remove and Replace Concrete Sidewalk (4" Thick)	S.Y.	14.8		
SUBTOTAL - PEDESTRIAN AND BICYCLE ITEMS					

AR-1479 SUBTOTAL	
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ROADWAY ITEMS (AR-1681) - WEST ADAMS AVE RESURFACING					
202-20.10	Removal of Improvements	L.S.	1		
203-10.00	Class "A" Excavation	C.Y.	150.7		
203-10.30	Land Disturbance Permits	L.S.	1		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	1355.9		



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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS (AR-1681) - WEST ADAMS AVE RESURFACING					
404-12.71	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)CLP	TON	992.4		
404-21.33	Superpave Asphaltic Concrete Mixture SP95 (PG 70-22)C (Wedge and Level)	TON	630.7		
405-30.20	Type "D" Bituminous Concrete (Pavement)	TON	2.2		
407-10.27	Tack-Emulsified Asphalt (SS-1H)	GAL.	1710		
412-10.04	Pavement Surfacing and Texturing (0" to 4"), Concrete or Asphalt	S.Y.	10502		
603-10.35	Adjust Water Service Valve Box to Grade	EACH	8		
604-20.25	Adjust Oval Grate Inlet to Grade	EACH	1		
604-20.26	Adjust Grate Inlet to Grade	EACH	2		
604-20.30	Adjusting Manhole to Grade	EACH	14		

ITEMIZED BID BID OPTION 1 OF 1

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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS (AR-1681) - WEST ADAMS AVE RESURFACING					
604-90.52	Replace Inlet Sill	EACH	2		
608-50.96	Remove and Replace Paved Approach (6")	S.Y.	63.6		
608-50.97	Remove and Replace Paved Approach (7")	S.Y.	258.7		
609-10.53	Curb and Gutter, Vertical	L.F.	3389		
609-20.90	Remove and Replace Integral Curb (6" Height and Under)	L.F.	25		
612-30.10	Standard Traffic Control Devices	L.S.	1		
612-60.92	Arrow Panel, Type "B" (Noiseless), Rental	EACH	4		
613-30.01	Partial Depth Pavement Repair, Type X Bituminous (Includes Milling, Concrete or Asphalt)	S.Y.	280		
619-00.00	Mobilization	L.S.	1		



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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS (AR-1681) - WEST ADAMS AVE RESURFACING					
803-20.00	Strip Sodding	S.Y.	1485		
806-45.00	Inlet Protection	L.S.	1		
SUBTOTAL - ROADWAY ITEMS					

PEDESTRIAN AND BICYCLE ITEMS (AR-1681) - WEST ADAMS AVE RESURFACING					
201-20.11	Clearing Vegetation from the Pedestrian Access Route	L.S.	1		
412-20.00	Sidewalk Grinding	EACH	20		
608-60.08	Concrete Sidewalk, Curb Ramp	EACH	30		
608-60.94	Remove and Replace Concrete Sidewalk (4" Thick)	S.Y.	380.3		
608-60.96	Remove and Replace Concrete Sidewalk (6" Thick)	S.Y.	36.4		



ADDENDUM 1

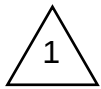
ITEMIZED BID BID OPTION 1 OF 1

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FEDERAL PROJECT NO. STP-5641(603) & STP-5641(602)

COUNTY PROJECT NO. AR-AR-1479/1681

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
PEDESTRIAN AND BICYCLE ITEMS (AR-1681) - WEST ADAMS AVE RESURFACING					
608-90.06	6" Reinforced Exposed Aggregate Concrete Sidewalk	S.Y.	26.7		
SUBTOTAL - PEDESTRIAN AND BICYCLE ITEMS					
AR-1681 SUBTOTAL					
PROJECT TOTAL - BID OPTION 1 OF 1					



ADDENDUM 1

SUB-TOTALS						COUNTY PROJECT NO. AR-1479					
SUB-TOTALS	TOTAL	UNIT	ITEM NO.	DESCRIPTION	REMARKS	SUB-TOTALS	TOTAL	UNIT	ITEM NO.	DESCRIPTION	REMARKS
ROADWAY ITEMS											
				REMOVAL OF IMPROVEMENTS	Not shown on B sheets.						
				SAWCUT (ANY DEPTH/MATERIAL)							
				LAND DISTURBANCE PERMIT	Not shown on B sheets.						
				TYPE 5 AGGREGATE BASE (4" THICK)	INCLUDES 10% EXTRA FOR CONTINGENCY						
				SUPERPAVE ASPHALTIC CONCRETE MIXTURE SP125 (PG 76-22)CLP	INCLUDES 10% EXTRA FOR CONTINGENCY						
				SUPERPAVE ASPHALTIC CONCRETE MIXTURE SP95 (PG70-22)C (WEDGE COURSE)	INCLUDES 10% EXTRA FOR CONTINGENCY						
				TYPE "X" BITUMINOUS CONCRETE (PAVEMENT) (8.5" BASE)	INCLUDES 10% EXTRA FOR CONTINGENCY						
				TYPE "D" BITUMINOUS CONCRETE (PAVEMENT) (2.5" OVERLAY)							
				TACK-EMULSIFIED ASPHALT (SS-1H)	INCLUDES 10% EXTRA FOR CONTINGENCY						
				PAVEMENT SURFACING AND TEXTURING							
				ADJUST WATER SERVICE VALVE BOX TO GRADE	Not shown on B sheets.						
				ADJUSTING MANHOLE TO GRADE	Not shown on B sheets.						
				CLEAN STORM SEWER DRAINAGE STRUCTURES							
				GUARDRAIL, TYPE "A"							
				CRASHWORTHY GUARDRAIL TERMINAL, MODIFIED (37.5' LENGTH)							
				REMOVE AND REPLACE PAVED APPROACH (7")							
				ASPHALT CURB							
				STANDARD TRAFFIC CONTROL DEVICES	Not shown on B sheets.						
				PARTIAL DEPTH PAVEMENT REPAIR, TYPE X BITUMINOUS (INCLUDES MILLING, CONCRETE OR ASPHALT)							
				ARROW PANEL, TYPE "B" (NOISELESS), RENTAL							
				MOBILIZATION	Not shown on B sheets.						
				36" CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)							
				36" FLARED END SECTION							
				STRIP SODDING							
				INLET PROTECTION	Not shown on B sheets.						
TRAFFIC SIGNAL ITEMS											
				SIGNAL HEAD, TYPE 1S, PEDESTRIAN							
				POST, SIGNAL, W/SQ. PEDESTAL BASE AND POST CAP, 7" MAXIMUM TOTAL HEIGHT, ALUMINUM							
				CONTROLLER UNIT ONLY, W/ INTERNAL FIBER OPTIC MODEM, TS2, TYPE 2							
				CABINET DOOR LOCKING ASSEMBLY,ELECTRONIC, (WITH POWER SUPPLY, AUXILIARY POWER INPUT, ELECTRONIC SOLENOID, AND CARD READER WITH KEY PAD)							
				DETECTOR, PEDESTRIAN PUSH BUTTON, APS, FREEZEPROOF							
				CONDUIT, 1"							
				CONDUIT, 2"							
				CONDUIT REPAIR (LOCATE BROKEN CONDUIT, EXCAVATE, REMOVE EXISTING CABLE, REPAIR/REPLACE CONDUIT, REINSTALL CABLE, BACKFILL AND RESTORE) (DOES NOT INCLUDE SIDEWALK OR PAVEMENT REMOVAL AND REPLACEMENT)							
				WIRE, STRANDED GROUND, #6 GAUGE							
				CABLE, DETECTOR LOOP, #14 GAUGE, 1 CONDUCTOR, W/TUBE JACKET (IN CONDUIT AND PULL BOXES)							
				CABLE, DETECTOR LOOP, #14 GAUGE, 1 CONDUCTOR, W/TUBE JACKET (IN SAWED SLOT)							
				CABLE, PUSH BUTTON AND/OR DETECTOR LOOP LEAD-IN, #18 GAUGE, 2 CONDUCTOR (SHIELDED)							
				CABLE, COMMUNICATION, #18 GAUGE, 4 CONDUCTOR (APS)							
				BASE, TYPE P-3, CONCRETE							
				OPENING DRILLED IN EXISTING CONCRETE PULL BOX							
				ADJUSTMENT OF CONCRETE SINGLE PULL BOX							
				ADJUSTMENT OF CONCRETE DOUBLE PULL BOX							
PEDESTRIAN AND BICYCLE ITEMS											
				CONCRETE SIDEWALK, CURB RAMP							
				REMOVE AND REPLACE CONCRETE SIDEWALK (4" THICK)							
SUMMARY OF QUANTITIES											
DESIGNED:						J. BIRKE					
DRAWN:						D. MICKE					
CHECKED:						J. MUES					
SHEET SEQUENCE:						2 OF 20					

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UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS; AND, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID THERE TO.

LEGEND

2.5" MILL AND SUPERPAVE OVERLAY

2.5" SUPERPAVE OVERLAY

ASPHALT PAVEMENT REPAIR

2.5" MILL AND TYPE "C" BITUMINOUS CONCRETE PAVEMENT

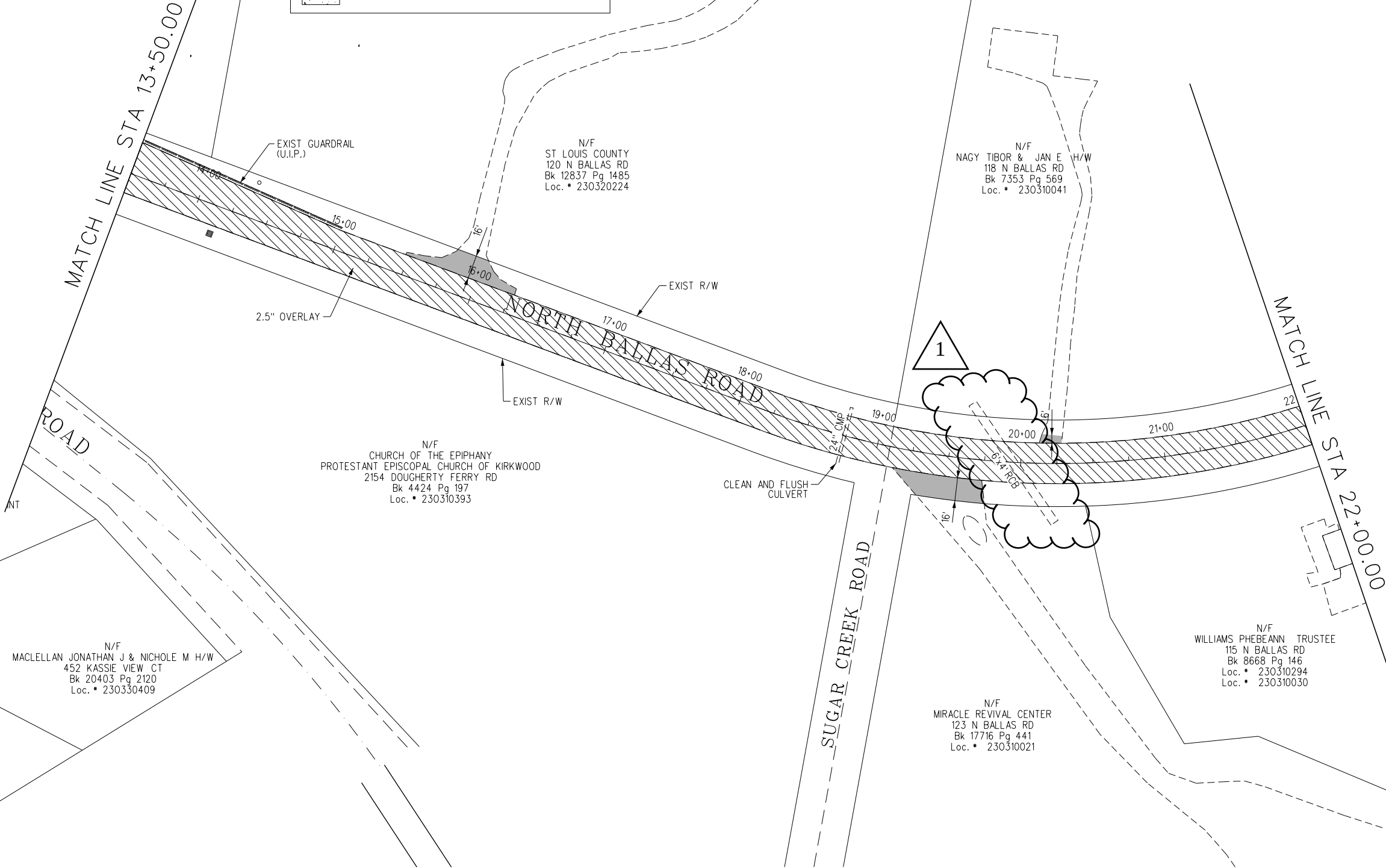
REMOVE AND REPLACE PAVED APPROACH

N

04080120

SCALE IN FEET

SCALE: 1" = 40'



COUNTY PROJECT NO.		AR-1479
FEDERAL PROJECT NO.		STP-5641(602)
E-W GATEWAY TIP NO.		6607A-18
MSD:	N/A	
MSD BASE MAP:		230, 23N, 24O
REV.	DATE	DESCRIPTION
1	11/2/17	REMOVAL OF 6' X 4' RCB

DISCLAIMER OF LIABILITY
I hereby certify that the documents intended to be used in connection with the project are the work of my firm and I hereby disclaim any responsibility for all other drawings, specifications, documents or instruments relating to or intended to be used for any part of the project or for the project or survey.



DATE: 11/02/2017

425 SOUTH WOODS MILL ROAD
CHESTERFIELD, MISSOURI 63017
ENG. 000165

Daniel W. Dreisewerd, P.E., PTOE
Acting Director

ADAMS AVENUE - BALLAS ROAD
ARS INFRASTRUCTURE

PLAN SHEET

DESIGNED:	J. BIRKE
DRAWN:	D. MICKE
CHECKED:	J. MUES
SHEET SEQUENCE:	7 OF 20