Sam Page
County Executive

Saint Louis COUNTY
TRANSPORTATION
PUBLIC WORKS

Stephanie Leon Streeter, P.E.
Director

January 25, 2024

A D D E N D U M N O. 3

Notice to All Persons and Firms Proposing
to Submit a Bid or Furnish Materials for
Bayless Avenue Bridge No. 419
St. Louis County Project No. AR-1686
Federal Project No. STP-4900(637)

The following questions were posed for this project:

No. 1

On Sheet 8, Note 5 what is currently in the traffic signal conduit on the bridge and if occupied does connection need to be maintained during bridge removal/construction?

The conduit on the bridge can be removed as noted on the plans. There is approximately 600' of fiber optic cable currently coiled in a pullbox from the Bayless Avenue Resurfacing Project at approximately Sta. 26+70 that was completed in 2023-see attached plan sheets from said project for reference. Once the new conduit on the bridge has been installed, Contractor will pull the fiber optic cable to the termination cabinet at I-55 and splice the fiber at this location. Bid Item No. 904-98.81 Relocation of Existing Interconnect Cable 600 L.F. and Bid Item No. 904-99.10 Fiber-Optic Fusion Splice, 48 Each have been added to the summary of quantities and the itemized bid sheet.

No. 2

Bridge Safety Barrier – will slip-forming be an acceptable option for the bridge safety barrier?

Yes, slip forming will be permitted.

No. 3

Pile Driving & Girder Setting – the existing Ameren overhead wires along the North side of the bridge appear to be in direct conflict with the pile driving operation as well as the girder setting. Will these overhead lines be temporarily removed if they are in direct conflict with equipment associated with the bridge activities?

The overhead lines will remain in place but can be covered if requested. The overhead lines were relocated as part of the project and reviewed by County construction staff for constructability concerns.

No. 4

Asphalt (roadway) – will all the asphalt overlay for the roadway be allowed to be conducted at the end of Stage 2 with exception of the asphalt adjacent to the railroad improvements?

The County would require the Contractor to mill and install an initial 1.25" of SP-95 over the Stage 1 roadway with a thickened lift at the transitions. Contractor would then place the final 1.75" of SP125 as a final end product for both stages.

No. 5

Temporary Traffic Barrier – will the TTB need to be anchored to the existing and new bridge deck?

The Temporary Traffic Barrier will be anchored to the existing deck for Stage 1. Once the barrier is placed on the new deck, it will be placed and pinned end-to-end but not physically attached to the deck.

No. 6

TTB - is it intended to relocate the TTB from Stage 1 to Stage 2 or will the TTB quantity be adjusted to 360 LF?

The intent is to relocate the TTB from Stage 1 to Stage 2. Bid item 617-10.95 Relocate Temporary Traffic Barrier 180 LF has been added to the summary of quantities and the itemized bid sheet.

No. 7

The bridge plans allow for the safety barrier to be constructed either CIP or Slip form methods, but the bit item is "Safety Barrier Curb (Cast in Place)". Will slip form method be acceptable? The transition sections would still be cast in place.

Yes, slip forming will be permitted.

REVISED ITEMIZED BID SHEET NOS. 1 THROUGH 10 AND REVISED PLAN SHEET PAGE 2 OF 64 ARE ATTACHED AND REFLECT THE CHANGES NOTED IN ITEM NOS. 1 AND 6 ABOVE. FAILURE TO SUBSTITUTE THE ITEMIZED BID SHEETS 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.

Daniel A. Howell, Ph.D., P.E.
Supervisor, Project Manager-Bridges

JWK/DAH/dah
Attachments: Revised Itemized Bid Sheets 1-10, Revised Plan Sheet 2 of 64, Bayless Resurfacing AR-1693 Interconnect Sheet

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
107-02.01	Railroad Permits, Agreements, and Licenses	L.S.	1		
201-20.10	Clearing and Grubbing	L.S.	1		
202-20.10	Removal of Improvements	L.S.	1		
202-22.11	Asbestos Project Notification	L.S.	1		
202-22.30	Removal of Rigid Pavement	S.Y.	472		
203-10.00	Class "A" Excavation	C.Y.	337.6		
203-10.30	Land Disturbance Permits	L.S.	1		
207-20.00	Linear Grading, Class 2	STA.	5.3		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	850.1		

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
404-09.04	Superpave Asphaltic Concrete Mixture SP95 (PG70-22)D	TON	128.1		
404-12.72	Superpave Asphaltic Concrete Mixture SP125 (PG 70-22)DLP	TON	180.6		
405-30.30	Type "X" Bituminous Concrete (Base)	TON	60.3		
407-10.27	Tack-Emulsified Asphalt (SS-1H)	GAL.	200		
412-10.04	Pavement Surfacing and Texturing (0" to 4"), Concrete or Asphalt	S.Y.	1928		
502-11.08	Concrete Pavement (8" Non-reinforced)	S.Y.	91.6		
504-10.20	Concrete Bridge Approach Pavement	S.Y.	206.9		
604-19.22	2-Grate Inlet, with Side Intake Unit, Untrapped	EACH	6		
606-10.10	Guardrail, Type "A"	L.F.	32		

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
606-22.00	Bridge Anchor Section (Safety Barrier Curb)	EACH	1		
608-50.08	Paved Driveway Approach (8")	S.Y.	150		
609-10.10	Concrete Curb, Type "S"	L.F.	55		
609-10.53	Curb and Gutter, Vertical	L.F.	163		
609-10.55	Curb and Gutter, Mountable (3")	L.F.	178		
609-10.56	Curb and Gutter, Modified (6"H x 16"W)	L.F.	27		
611-30.20	Furnishing Type 2 Rock Blanket	TON	583		
611-30.40	Placing Type 2 Rock Blanket	TON	583		
611-50.30	Heavy Stone Revetment	S.Y.	33		

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
612-10.20	Moveable Barricades with Model "B" Amber Flashers (2 Each per Barricade)	EACH	6		
612-30.11	Traffic Control For Rail Road Crossing Work	L.S.	1		
612-60.92	Arrow Panel, Type "B" (Noiseless), Rental	EACH	2		
612-70.20	Changeable Message Board (Noiseless), Rental	EACH	2		
616-10.05	Construction Signs	S.F.	295		
616-10.25	Channelizer (Trim Line)	EACH	95		
616-10.33	Direction Indicator Barricade	EACH	30		
617-10.90	Temporary Concrete Median Barrier, Type "A" (Includes End Sections)	L.F.	180		
617-10.95	Relocate Temporary Traffic Barrier	L.F.	180		

3

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
619-00.00	Mobilization	L.S.	1		
621-10.00	Temporary Pavement Striping, Paint (Includes Removal if Necessary)	L.F.	2320		
624-10.01	Geotextile Fabric, Stabilization and Separation, Class 1 (Heavy Weight)	S.Y.	697		
726-23.15	15" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	58		
726-23.36	36" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	57		
726-58.15	15" Polypropylene Storm Sewer Pipe (PP)	L.F.	110		
726-58.36	36" Polypropylene Storm Sewer Pipe (PP)	L.F.	43		
731-00.48	Precast Concrete Manhole (48")	EACH	3		
731-00.60	Precast Concrete Manhole (60")	EACH	2		

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
803-10.00	Sodding	S.Y.	113		
806-10.50	Type C Berm	L.F.	250		
806-45.08	Inlet Protection Device, Single Unit - Filter Sock/Roll	EACH	10		
806-70.00	Silt Fence	L.F.	283		
807-30.00	Filter Fabric (Similar to Mirafi 140)	S.Y.	33		
SUBTOTAL - ROADWAY ITEMS					

STRUCTURAL ITEMS					
202-10.20	Removal of Bridges	L.S.	1		
202-22.17	Removal of Asbestos (Bridge Demolition)	L.S.	1		

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
STRUCTURAL ITEMS					
206-10.00	Class 1 Excavation	C.Y.	136		
206-40.10	Temporary Earth Retention System	L.S.	1		
503-10.00	Bridge Approach Slab	S.Y.	328		
607-30.45	Vertical Picket Rail (Bridges)	L.F.	253		
702-12.14	Galvanized Structural Steel Piles (14")	L.F.	909		
702-50.02	Pile Wave Analysis	EACH	2		
702-70.00	Pile Point Reinforcement	EACH	18		
703-20.03	Class "B" Concrete (Substructure)	C.Y.	60		
703-42.15	Safety Barrier Curb (Bridges, Cast-in-Place)	L.F.	253		

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
STRUCTURAL ITEMS					
703-42.16	Safety Barrier Curb Transition	EACH	4		
703-44.40	Bridge Plaque	EACH	1		
703-45.01	Class "B-2" Concrete (Superstructure on Concrete "NU" Girder)	S.Y.	892		
705-60.23	Prestressed Concrete Members, NU Girders	L.F.	953		
706-10.70	Mechanical Bar Splice	EACH	415		
712-36.10	Slab Drain	EACH	20		
715-10.00	Vertical Drain at End Bents	EACH	2		
716-10.11	Plain Neoprene Bearing Pads (Full size)	EACH	18		
SUBTOTAL - STRUCTURAL ITEMS					

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
COUNTY TRAFFIC SIGNAL ITEMS					
904-53.00	Conduit, 3"	L.F.	320		
904-89.17	Preformed Pull Box (17"W x 30"L x 26"min.H), Reinforced Polymer Concrete	EACH	2		
904-95.30	Removal of Preformed Pull Box	EACH	2		
904-98.81	Relocation of Existing Interconnect Cable	L.F.	600		
904-99.10	Fiber-Optic Fusion Splice	EACH	48		
SUBTOTAL - COUNTY TRAFFIC SIGNAL ITEMS				3	

STATE TRAFFIC SIGNAL ITEMS					
902-99.18	Traffic Signal Maintenance & Programming	L.S.	1		
SUBTOTAL - STATE TRAFFIC SIGNAL ITEMS					

3 Updated per Addendum No. 3

ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. STP-4900(637)
COUNTY PROJECT NO. AR-1686

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
PEDESTRIAN AND BICYCLE ITEMS					
608-60.04	Concrete Sidewalk (4" Thick)	S.Y.	158.1		
608-60.08	Concrete Sidewalk, Curb Ramp	EACH	12		
608-60.98	Truncated Domes for Curb Ramps (New Construction)	S.F.	40		
SUBTOTAL - PEDESTRIAN AND BICYCLE ITEMS					

PROJECT TOTAL - BID OPTION 1 OF 1	

SUMMARY OF QUANTITIES - AR-1686

SUB-TOTALS	TOTAL	UNIT	ITEM NO.	DESCRIPTION	REMARKS
				Roadway Items	
1	1	L.S.	107-02.01	Railroad Permits, Agreements, and Licenses	
1	1	L.S.	201-20.10	Clearing and Grubbing	
1	1	L.S.	202-20.10	Removal of Improvements	Includes Removal of Concrete Slope Protection
1	1	L.S.	202-22.11	Asbestos Project Notification	
472	472	S.Y.	202-22.30	Removal of Rigid Pavement	
337.6	337.6	C.Y.	203-10.00	Class "A" Excavation	
1	1	L.S.	203-10.30	Land Disturbance Permits	
5.3	5.3	STA.	207-20.00	Linear Grading, Class 2	
772.8	850.1	S.Y.	304-05.04	Type 5 Aggregate Base (4" Thick)	10% Contingency Added to Subtotal. 66.7 SY Included for Rail Crossing - See JSP 1200.90.28
116.4	128.1	Ton	404-09.04	Superpave Asphaltic Concrete Mixture SP95 (PG70-22) D	10% Contingency Added to Subtotal
164.1	180.6	Ton	404-12.72	Superpave Asphaltic Concrete Mixture SP125 (PG70-22) DLP	10% Contingency Added to Subtotal
54.8	60.3	Ton	405-30.30	Type "X" Bituminous Concrete (Base)	10% Contingency Added to Subtotal. 42.6 Ton Included for Rail Crossing - See JSP 1200.90.28
180	200	Gal	407-10.27	Tack-Emulsified Asphalt (SS-1H)	10% Contingency Added to Subtotal
1752	1928	S.Y.	412-10.04	Pavement Surfacing and Texturing (0" to 4"), Concrete or Asphalt	10% Contingency Added to Subtotal
91.6	91.6	S.Y.	502-11.08	Concrete Pavement (8" Non-Reinforced)	
206.9	206.9	S.Y.	504-10.20	Concrete Bridge Approach Pavement	
6	6	Each	604-19.22	2-Grate Inlet, with Side Intake Unit, Untrapped	
32	32	L.F.	606-10.10	Guardrail, Type "A"	
1	1	Each	606-22.00	Bridge Anchor Section (Safety Barrier Curb)	
136.3	150.0	S.Y.	608-50.08	Paved Driveway Approach (8")	10% Contingency Added to Subtotal
55	55	L.F.	609-10.10	Concrete Curb, Type "S"	
163	163	L.F.	609-10.53	Curb and Gutter, Vertical	
178	178	L.F.	609-10.55	Curb and Gutter, Mountable (3")	
27	27	L.F.	609-10.56	Curb and Gutter, Modified (6" H. X 16" W.)	
583	583	TON	611-30.20	Furnishing Type 2 Rock Blanket	
583	583	TON	611-30.40	Placing Type 2 Rock Blanket	
33.0	33.0	S.Y.	611-50.30	Heavy Stone Revetment	
6	6	Each	612-10.20	Moveable Barricades with Model "B" Amber Flashers (2 Each per Barricade)	
1	1	L.S.	612-30.11	Traffic Control for Railroad Crossing Work	Not Shown on B Sheets
2	2	Each	612-60.92	Arrow Panel, Type "B" Noiseless, Rental	
2	2	Each	612-70.20	Changeable Message Board (Noiseless), Rental	Not Shown on B Sheets
295	295	S.F.	616-10.05	Construction Signs	
95	95	Each	616-10.25	Channelizer (Trim Line)	
30	30	Each	616-10.33	Direction Indicator Barricade	
180	180	L.F.	617-10.90	Temporary Concrete Median Barrier, Type "A" (Includes End Section)	
1	1	L.S.	619-00.00	Mobilization	
2320	2320	L.F.	621-10.00	Temporary Pavement Striping, Paint (Includes Removal if Necessary)	
697	697	S.Y.	624-10.01	Geotextile Fabric, Stabilization and Separation, Class 1 (Heavy Weight)	
58	58	L.F.	726-23.15	15" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	
57	57	L.F.	726-23.36	36" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	
110	110	L.F.	726-58.15	15" Polypropelene Storm Sewer Pipe (PP)	
43	43	L.F.	726-58.36	36" Polypropelene Storm Sewer Pipe (PP)	
3	3	Each	731-00.48	Precast Concrete Manhole (48")	
2	2	Each	731-00.60	Precast Concrete Manhole (60")	
102	113	S.Y.	803-10.00	Sodding	10% Contingency Added to Subtotal
10	10	Each	806-45.08	Inlet Protection Device, Single Unit - Filter Sock/Roll	
227	250	L.F.	806-10.50	Type C Berm	10% Contingency Added to Subtotal
257	283	L.F.	806-70.00	Silt Fence	10% Contingency Added to Subtotal
33	33	S.Y.	807-30.00	Filter Fabric (Similar to Mirafi 140)	
1	1	L.S.	902-99.18	Traffic Signal Maintenance & Programming	
180	180	L.S.	617-10.95	Relocate Temporary Traffic Barrier	

3

SUB-TOTALS	TOTAL	UNIT	ITEM NO.	DESCRIPTION	REMARKS
				Structural Items	
1	1	L.S.	202-10.20	Removal of Bridges	
1	1	L.S.	202-22.17	Removal of Asbestos (Bridge Demolition)	
136.0	136.0	C.Y.	206-10.00	Class 1 Excavation	
1	1	L.S.	206-40.10	Temporary Earth Retention System	
328.0	328.0	S.Y.	503-10.00	Bridge Approach Slab	
253	253	L.F.	607-30.35	Vertical Picket Rail (Bridges)	
909	909	L.F.	702-12.14	Galvanized Structural Steel Piles (14")	
2	2	EACH	702-50.02	Pile Wave Analysis	
18	18	EACH	702-70.00	Pile Point Reinforcement	
60.0	60.0	C.Y.	703-20.03	Class "B" Concrete (Substructure)	
253	253	L.F.	703-42.15	Safety Barrier Curb (Bridges, Cast-in-Place)	
4	4	EACH	703-42.16	Safety Barrier Curb Transition	
1	1	EACH	703-44.40	Bridge Plaque	
892	892	S.Y.	703-45.01	Class "B-2" Concrete (Superstructure on Concrete "NU" Girder)	
953	953	L.F.	705-60.23	Prestressed Concrete Members, NU Girders	
415	415	EACH	706-10.70	Mechanical Bar Splice	
20	20	EACH	712-36.10	Slab Drain	
2	2	EACH	715-10.00	Vertical Drain at End Bents	
18	18	EACH	716-10.11	Plain Neoprene Bearing Pads (Full Size)	
				Pedestrian Items	
143.7	158.1	S.Y.	608-60.04	Concrete Sidewalk (4" Thick)	10% Contingency Added to Subtotal
12	12	EACH	608-60.08	Concrete Sidewalk, Curb Ramp	
40	40	S.F.	608-60.98	Truncated Domes for Curb Ramps (New Construction)	
				Signal Items	
320	320	L.F.	904-53.00	Conduit, 3"	
2	2	Each	904-89.17	Preformed Pull Box, (17"W x 30"L x 26" Min. H) Reinforced Polymer Concrete	
2	2	Each	904-95.30	Removal of Preformed Pull Box	
600	600	L.F.	904-98.81	Relocation of Existing Interconnect Cable	
48	48	Each	904-99.10	Fiber-Optic Fusion Splice	

3

COUNTY PROJECT NO. AR-1686

FEDERAL PROJECT NO. STP-4900(637)

E-W GATEWAY TIP NO. 6834B-21

MSD: 20MSD-00161

MSD BASE MAP: 26H

REVISIONS

REV	DATE	BY	APP	DESCRIPTION
1	1/25/24	DAH	PRT	Revisions for Addendum No. 3

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering project or survey.

STATE OF MISSOURI
JASON S. DOHRMANN
2004017159
PROFESSIONAL ENGINEER

DATE: 11/1/2023

HRGreen
10020 SWINGLEY RIDGE RD, STE 200 CHESTERFIELD, MO 63017
PHONE: 314-878-6100 FAX: 800000000
MISSOURI CERTIFICATE OF AUTHORITY: E-2005000159
J.S. DOHRMANN
PROFESSIONAL ENGINEER
LICENSE NO. 2004017159

Saint Louis COUNTY
TRANSPORTATION / PUBLIC WORKS
Stephanie Leon Streeter, P.E.
Director

BAYLESS AVENUE
BRIDGE NO. 419 OVER
GRAVOIS CREEK

SUMMARY OF QUANTITIES

DESIGNED: A. SCHUMANN

DRAWN: A. SCHUMANN

CHECKED: J. DOHRMANN

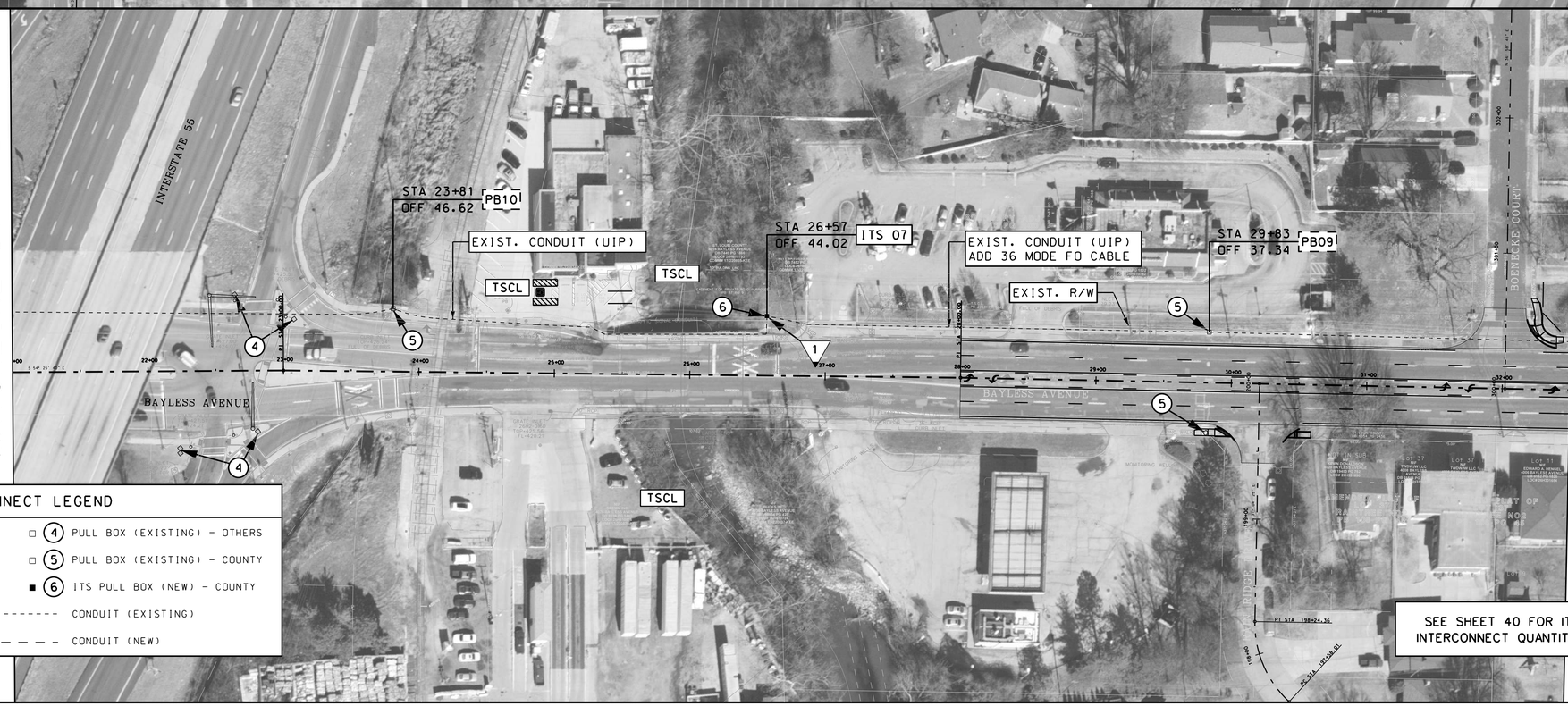
SHEET SEQUENCE: 2 OF 64

FOR INFORMATION ONLY

MATCHLINE STA. 21+00

CONSTRUCTION NOTES:

1. CONTRACTOR TO RUN NEW 36 MODE FIBER OPTIC CABLE FROM AVENUE H NEW CONTROLLER TO NEW ITS PULL BOX 7 AND COIL 600 FEET OF F.O. CABLE FOR A FUTURE RUN TO THE EXIST. SPLICE CABINET ON THE NW CORNER OF I-55 AT BAYLESS AVENUE.
2. SEE SIGNAL PLANS. NEW PTZ CAMERA TO BE INSTALLED HERE. COUNTY TO REMOVE EXISTING CAMERA AND OTHER WIRELESS EQUIPMENT IMMEDIATELY PRIOR TO THE REMOVAL OF THE EXISTING SIGNAL.
3. AVENUE H WILL NOT BE CONNECTED TO THE COUNTY'S SYSTEM WHILE THE NEW SIGNAL IS BEING BUILT. THE EXISTING WIRELESS CONNECTION WILL REMAIN IN PLACE AS LONG AS POSSIBLE BUT WILL NOT BE REINSTALLED ON THE NEW SIGNAL. COUNTY WILL BACK FEED THE AVENUE H SIGNAL WHEN THE RESURFACING PROJECT IS FINISHED AND WHILE THE BRIDGE PROJECT IS ONGOING.



MATCHLINE STA. 32+50 (SEE SHEET 42)

ITS INTERCONNECT LEGEND

(1) CONTROLLER (EXISTING) - OTHERS	(4) PULL BOX (EXISTING) - OTHERS
(2) CONTROLLER (EXISTING) - COUNTY	(5) PULL BOX (EXISTING) - COUNTY
(3) CONTROLLER (NEW) - COUNTY	(6) ITS PULL BOX (NEW) - COUNTY
POWER SOURCE (EXISTING)	CONDUIT (EXISTING)
POWER SUPPLY	CONDUIT (NEW)

COUNTY PROJECT NO. AR-1693
FEDERAL PROJECT NO. STP-4900(635)
E-W GATEWAY TIP NO. 6745B-19
MSD:
MSD BASE MAP: 26H, 26G

REVISIONS

REV.	DATE	BY	APP.	DESCRIPTION

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering project or survey.

STATE OF MISSOURI — DOHA HANI — NUMBER PE-2004017159 — PROFESSIONAL ENGINEER

DATE: 12/22/2021

HRGreen
1000 SWANSEA PARK DR., SUITE 100, HUNTSVILLE, AL 35801
(256)705-8000 - LIC. NO. 00000006

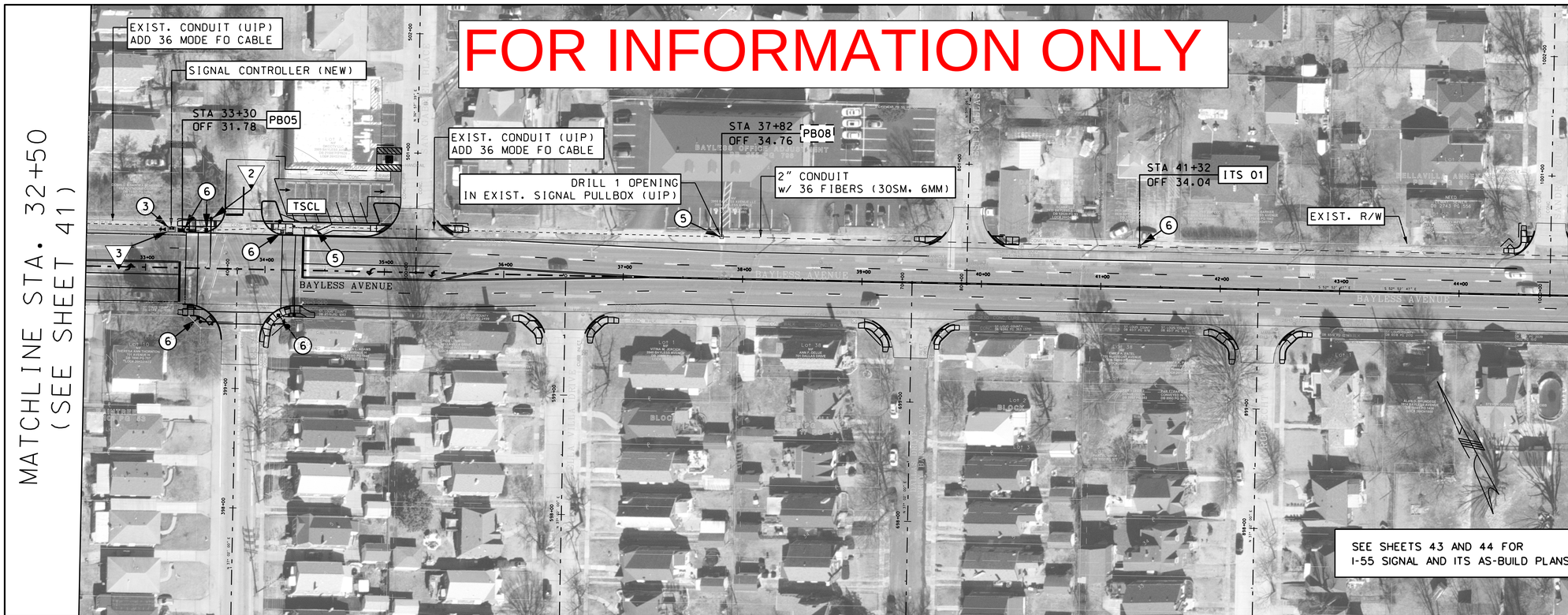
Saint Louis COUNTY TRANSPORTATION PUBLIC WORKS

BAYLESS AVENUE RESURFACING
ITS INTERCONNECT PLAN SHEET (1 OF 2)

DESIGNED: E. NKETAH
DRAWN: E. NKETAH
CHECKED: D. SHANE
SHEET SEQUENCE: 41 OF 44

12/22/2021 11:28:35 AM
\\hrgreen.com\HRG\Data\2017\17143\CAD\Roadway\Construction_Plans\Bayless\1693-S-RD-I5-FiberLayout1.dgn

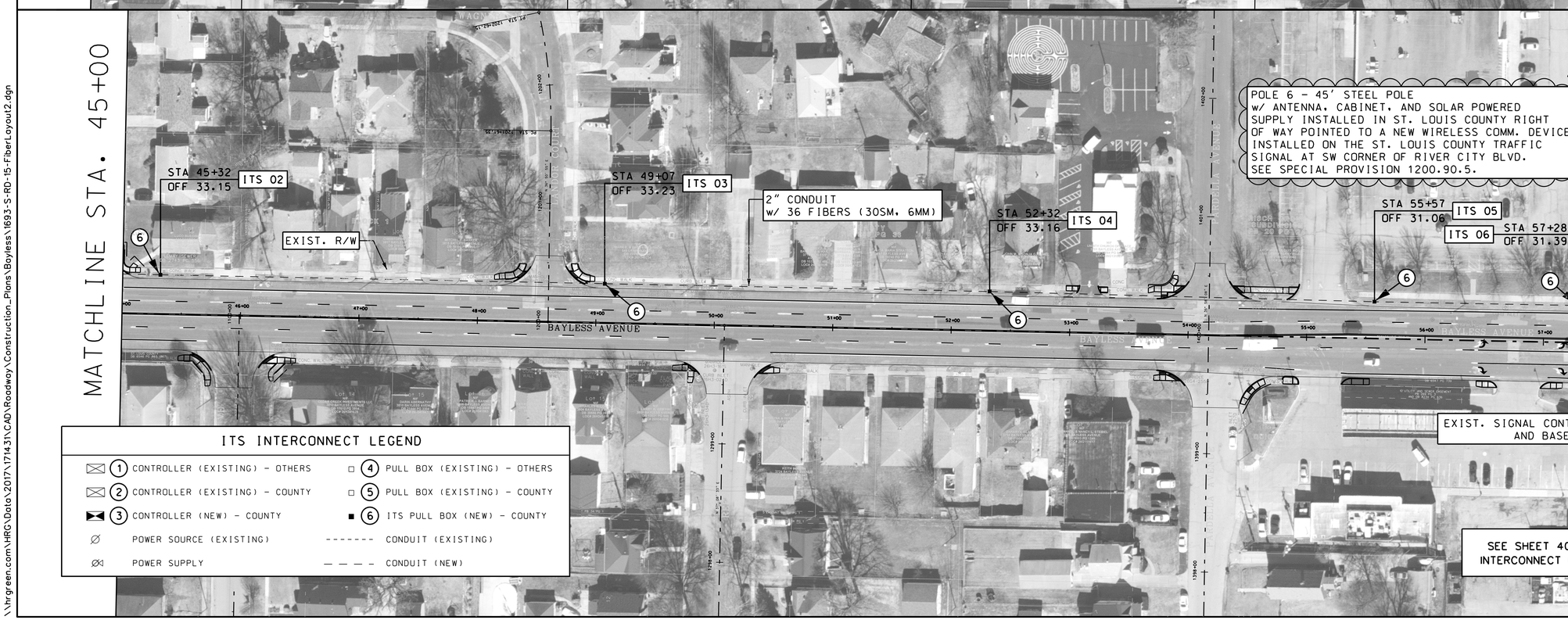
FOR INFORMATION ONLY



SEE SHEETS 43 AND 44 FOR
I-55 SIGNAL AND ITS AS-BUILD PLANS.

CONSTRUCTION NOTES:

1. CONTRACTOR TO RUN NEW 36 MODE FIBER OPTIC CABLE FROM AVENUE H NEW CONTROLLER TO NEW ITS PULL BOX 7 AND COIL 600 FEET OF F.O. CABLE FOR A FUTURE RUN TO THE EXIST. SPLICE CABINET ON THE NW CORNER OF I-55 AT BAYLESS AVENUE.
2. SEE SIGNAL PLANS. NEW PTZ CAMERA TO BE INSTALLED HERE. COUNTY TO REMOVE EXISTING CAMERA AND OTHER WIRELESS EQUIPMENT IMMEDIATELY PRIOR TO THE REMOVAL OF THE EXISTING SIGNAL.
3. AVENUE H WILL NOT BE CONNECTED TO THE COUNTY'S SYSTEM WHILE THE NEW SIGNAL IS BEING BUILT. THE EXISTING WIRELESS CONNECTION WILL REMAIN IN PLACE AS LONG AS POSSIBLE BUT WILL NOT BE REINSTALLED ON THE NEW SIGNAL. COUNTY WILL BACK FEED THE AVENUE H SIGNAL WHEN THE RESURFACING PROJECT IS FINISHED AND WHILE THE BRIDGE PROJECT IS ONGOING.



SEE SHEET 40 FOR ITS
INTERCONNECT QUANTITIES

ITS INTERCONNECT LEGEND

(1) CONTROLLER (EXISTING) - OTHERS	(4) PULL BOX (EXISTING) - OTHERS
(2) CONTROLLER (EXISTING) - COUNTY	(5) PULL BOX (EXISTING) - COUNTY
(3) CONTROLLER (NEW) - COUNTY	(6) ITS PULL BOX (NEW) - COUNTY
POWER SOURCE (EXISTING)	CONDUIT (EXISTING)
POWER SUPPLY	CONDUIT (NEW)

COUNTY PROJECT NO. AR-1693
FEDERAL PROJECT NO. STP-4900(635)
E-W GATEWAY TIP NO. 6745B-19
MSD:
MSD BASE MAP: 26H, 26G

REVISIONS

REV.	DATE	BY	APP.	DESCRIPTION

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering project or survey

STATE OF MISSOURI
DOHYUN JANG
PE-2004017159
PROFESSIONAL ENGINEER

DATE: 6/23/2022

HRGreen
1000 SWANSEA PARK CT., SUITE 100, ST. LOUIS, MO 63017
(314)579-0900 LIC. NO. 000000006

Saint Louis COUNTY TRANSPORTATION PUBLIC WORKS

BAYLESS AVENUE RESURFACING
ITS INTERCONNECT PLAN SHEET (2 OF 2)

DESIGNED: E. NKETAH
DRAWN: E. NKETAH
CHECKED: D. SHANE
SHEET SEQUENCE: 42A OF 44

6/23/2022 3:56:18 PM
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