



**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Matthew G. Bevin
Governor

Greg Thomas
Secretary

January 20, 2017

CALL NO. 103
CONTRACT ID NO. 171006
ADDENDUM # 1

Subject: Jefferson County, STP BRO 8800 (008)
Letting January 27, 2017

- (1) Revised - Plans - R2A, R2D, R10, R11, R12, & R13
- (2) Revised - Wage Rates - Pages 184-198 of 205
- (3) Revised - Bid Items - Pages 203-205 of 205
- (4) Added - Note - Pages 1-2 of 2

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:ks
Enclosures



An Equal Opportunity Employer M/F/D

General Decision Number: KY170100 01/13/2017 KY100

Superseded General Decision Number: KY20160100

State: Kentucky

Construction Type: Highway

Counties: Anderson, Bath, Bourbon, Boyd, Boyle, Bracken, Breckinridge, Bullitt, Carroll, Carter, Clark, Elliott, Fayette, Fleming, Franklin, Gallatin, Grant, Grayson, Greenup, Hardin, Harrison, Henry, Jefferson, Jessamine, Larue, Lewis, Madison, Marion, Mason, Meade, Mercer, Montgomery, Nelson, Nicholas, Oldham, Owen, Robertson, Rowan, Scott, Shelby, Spencer, Trimble, Washington and Woodford Counties in Kentucky.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017

BRIN0004-003 06/01/2016

BRECKENRIDGE COUNTY

	Rates	Fringes
BRICKLAYER.....	\$ 25.96	11.38

BRKY0001-005 06/01/2015

BULLITT, CARROLL, GRAYSON, HARDIN, HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, & TRIMBLE COUNTIES:

	Rates	Fringes
BRICKLAYER.....	\$ 25.96	10.64

BRKY0002-006 06/01/2011

BRACKEN, GALLATIN, GRANT, MASON & ROBERTSON COUNTIES:

	Rates	Fringes
BRICKLAYER.....	\$ 26.57	10.26

BRKY0007-004 06/01/2016

BOYD, CARTER, ELLIOT, FLEMING, GREENUP, LEWIS & ROWAN COUNTIES:

	Rates	Fringes
BRICKLAYER.....	\$ 32.20	18.78

BRKY0017-004 06/01/2015

ANDERSON, BATH, BOURBON, BOYLE, CLARK, FAYETTE, FRANKLIN,
HARRISON, JESSAMINE, MADISON, MERCER, MONTGOMERY, NICHOLAS,
OWEN, SCOTT, WASHINGTON & WOODFORD COUNTIES:

	Rates	Fringes
BRICKLAYER.....	\$ 24.79	11.72

CARP0064-001 05/01/2015

	Rates	Fringes
CARPENTER.....	\$ 27.50	16.06
Diver.....	\$ 41.63	16.06
PILEDRIVERMAN.....	\$ 27.75	16.06

ELEC0212-008 06/06/2016

BRACKEN, GALLATIN and GRANT COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 27.47	17.13

ELEC0212-014 12/01/2014

BRACKEN, GALLATIN & GRANT COUNTIES:

	Rates	Fringes
Sound & Communication Technician.....	\$ 22.75	10.08

ELEC0317-012 06/01/2016

BOYD, CARTER, ELLIOT & ROWAN COUNTIES:

	Rates	Fringes
ELECTRICIAN (Wiremen)		

Cable Splicer.....	\$ 32.68	18.13
Electrician.....	\$ 33.31	22.98

ELEC0369-007 06/01/2016

ANDERSON, BATH, BOURBON, BOYLE, BRECKINRIDGE, BULLITT, CARROLL,
CLARK, FAYETTE, FRAONKLIN, GRAYSON, HARDIN, HARRISON, HENRY,
JEFFERSON, JESSAMINE, LARUE, MADISON, MARION, MEADE, MERCER,
MONTGOMERY, NELSON, NICHOLAS, OLDHAM, OWEN, ROBERTSON, SCOTT,
SHELBY, SPENCER, TRIMBLE, WASHINGTON, & WOODFORD COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 30.56	16.10

ELEC0575-002 06/02/2014

FLEMING, GREENUP, LEWIS & MASON COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 31.70	14.21

ENGI0181-018 07/01/2016

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 31.05	14.65
GROUP 2.....	\$ 28.28	14.65
GROUP 3.....	\$ 28.71	14.65
GROUP 4.....	\$ 27.97	14.65

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - A-Frame Winch Truck; Auto Patrol; Backfiller;
Batcher Plant; Bituminous Paver; Bituminous Transfer
Machine; Boom Cat; Bulldozer; Mechanic; Cableway; Carry-All
Scoop; Carry Deck Crane; Central Compressor Plant; Cherry
Picker; Clamshell; Concrete Mixer (21 cu. ft. or Over);
Concrete Paver; Truck-Mounted Concrete Pump; Core Drill;
Crane; Crusher Plant; Derrick; Derrick Boat; Ditching &
Trenching Machine; Dragline; Dredge Operator; Dredge
Engineer; Elevating Grader & Loaders; Grade-All; Gurries;
Heavy Equipment Robotics Operator/Mechanic; High Lift;
Hoe-Type Machine; Hoist (Two or More Drums); Hoisting
Engine (Two or More Drums); Horizontal Directional Drill
Operator; Hydrocrane; Hyster; KeCal Loader; LeTourneau;
Locomotive; Mechanic; Mechanically Operated Laser Screed;
Mechanic Welder; Mucking Machine; Motor Scraper; Orangepeel
Bucket; Overhead Crane; Piledriver; Power Blade; Pumpcrete;
Push Dozer; Rock Spreader, attached to equipment; Rotary
Drill; Roller (Bituminous); Rough Terrain Crane; Scarifier;
Scoopmobile; Shovel; Side Boom; Subgrader; Tailboom;
Telescoping Type Forklift; Tow or Push Boat; Tower Crane
(French, German & other types); Tractor Shovel; Truck
Crane; Tunnel Mining Machines, including Moles, Shields or
similar types of Tunnel Mining Equipment

GROUP 2 - Air Compressor (Over 900 cu. ft. per min.); Bituminous Mixer; Boom Type Tamping Machine; Bull Float; Concrete Mixer (Under 21 cu. ft.); Dredge Engineer; Electric Vibrator; Compactor/Self-Propelled Compactor; Elevator (One Drum or Buck Hoist); Elevator (When used to Hoist Building Material); Finish Machine; Firemen & Hoist (One Drum); Flexplane; Forklift (Regardless of Lift Height); Form Grader; Joint Sealing Machine; Outboard Motor Boat; Power Sweeper (Riding Type); Roller (Rock); Ross Carrier; Skid Mounted or Trailer Mounted Concrete Pump; Skid Steer Machine with all Attachments; Switchman or Brakeman; Throttle Valve Person; Tractair & Road Widening Trencher; Tractor (50 H.P. or Over); Truck Crane Oiler; Tugger; Welding Machine; Well Points; & Whirley Oiler

GROUP 3 - All Off Road Material Handling Equipment, including Articulating Dump Trucks; Greaser on Grease Facilities servicing Heavy Equipment

GROUP 4 - Bituminous Distributor; Burlap & Curing Machine; Cement Gun; Concrete Saw; Conveyor; Deckhand Oiler; Grout Pump; Hydraulic Post Driver; Hydro Seeder; Mud Jack; Oiler; Paving Joint Machine; Power Form Handling Equipment; Pump; Roller (Earth); Steerman; Tamping Machine; Tractor (Under 50 H.P.); & Vibrator

CRANES - with booms 150 ft. & Over (Including JIB), and where the length of the boom in combination with the length of the piling leads equals or exceeds 150 ft. - \$1.00 over Group 1 rate

EMPLOYEES ASSIGNED TO WORK BELOW GROUND LEVEL ARE TO BE PAID 10% ABOVE BASIC WAGE RATE. THIS DOES NOT APPLY TO OPEN CUT WORK.

IRON0044-009 06/01/2016

BRACKEN, GALLATIN, GRANT, HARRISON, ROBERTSON,
BOURBON (Northern third, including Townships of Jackson, Millersburg, Ruddel Mills & Shawhan);
CARROLL (Eastern third, including the Township of Ghent);
FLEMING (Western part, excluding Townships of Beechburg, Colfax, Elizaville, Flemingsburg, Flemingsburg Junction, Foxport, Grange City, Hillsboro, Hilltop, Mount Carmel, Muses Mills, Nepton, Pecksridge, Plummers Landing, Plummers Mill, Poplar Plains, Ringos Mills, Tilton & Wallingford);
MASON (Western two-thirds, including Townships of Dover, Lewisburg, Mays Lick, Maysville, Minerva, Moranburg, Murphysville, Ripley, Sardis, Shannon, South Ripley & Washington);
NICHOLAS (Townships of Barefoot, Barterville, Carlisle, Ellisville, Headquarters, Henryville, Morningglory, Myers & Oakland Mills);
OWEN (Townships of Beechwood, Bromley, Fairbanks, Holbrook, Jonesville, Long Ridge, Lusby's Mill, New, New Columbus, New Liberty, Owenton, Poplar Grove, Rockdale, Sanders, Teresita & Wheatley);
SCOTT (Northern two-thirds, including Townships of Biddle, Davis, Delaplain, Elmville, Longlick, Muddy Ford, Oxford,

Rogers Gap, Sadieville, Skinnersburg & Stonewall)

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 23.76	19.15
Structural.....	\$ 26.47	20.20

 IRON0070-006 06/01/2016

ANDERSON, BOYLE, BRECKINRIDGE, BULLITT, FAYETTE, FRANKLIN,
 GRAYSON, HARDIN, HENRY, JEFFERSON, JESSAMINE, LARUE, MADISON,
 MARION, MEADE, MERCER, NELSON, OLDHAM, SHELBY, SPENCER,
 TRIMBLE, WASHINGTON & WOODFORD
 BOURBON (Southern two-thirds, including Townships of Austerlity,
 Centerville, Clintonville, Elizabeth, Hutchison, Littlerock,
 North Middletown & Paris);
 CARROLL (Western two-thirds, including Townships of Carrollton,
 Easterday, English, Locust, Louis, Prestonville & Worthville);
 CLARK (Western two-thirds, including Townships of Becknerville,
 Flanagan, Ford, Pine Grove, Winchester & Wyandotte);
 OWEN (Eastern eighth, including Townships of Glenmary, Gratz,
 Monterey, Perry Park & Tacketts Mill);
 SCOTT (Southern third, including Townships of Georgetown, Great
 Crossing, Newtown, Stampling Ground & Woodlake);

	Rates	Fringes
IRONWORKER.....	\$ 27.91	21.11

 IRON0372-006 06/15/2015

BRACKEN, GALLATIN, GRANT, HARRISON and ROBERTSON
 BOURBON (Northern third, including Townships of Jackson,
 Millersburg, Ruddel Mills & Shawhan);
 CARROLL (Eastern third, including the Township of Ghent);
 FLEMING (Western part, Excluding Townships of Beechburg, Colfax,
 Elizaville, Flemingsburg, Flemingsburg Junction, Foxport,
 Grange City, Hillsboro, Hilltop, Mount Carmel, Muses Mills,
 Nepton, Pecksridge, Plummers Landing, Plummers Mill, Poplar
 Plains,
 Ringos Mills, Tilton & Wallingford);
 MASON (Western two-thirds, including Townships of Dover,
 Lewisburg, Mays Lick, Maysville, Minerva, Moranburg,
 Murphysville, Ripley, Sardis, Shannon, South Ripley &
 Washington);
 NICHOLAS (Townships of Barefoot, Barterville, Carlisle,
 Ellisville, Headquarters, Henryville, Morningglory, Myers &
 Oakland Mills);
 OWEN (Townships of Beechwood, Bromley, Fairbanks, Holbrook,
 Jonesville, Long Ridge, Lusby's Mill, New, New Columbus, New
 Liberty, Owenton, Poplar Grove, Rockdale, Sanders, Teresita &
 Wheatley);
 SCOTT (Northern two-thirds, including Townships of Biddle,
 Davis, Delaplain, Elmville, Longlick, Muddy Ford, Oxford, Rogers
 Gap, Sadieville, Skinnersburg & Stonewall) COUNTIES

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 27.00	19.00

IRON0769-007 06/01/2016

BATH, BOYD, CARTER, ELLIOTT, GREENUP, LEWIS, MONTGOMERY & ROWAN CLARK (Eastern third, including townships of Bloomingdale, Hunt, Indian Fields, Kiddville, Loglick, Rightangele & Thomson); FLEMING (Townships of Beechburg, Colfax, Elizaville, Flemingsburg, Flemingsburg Junction, Foxport, Grange City, Hillsboro, Hilltop, Mount Carmel, Muses Mills, Nepton, Pecksridge, Plummers Landing, Plummers Mill, Poplar Plains, Ringos Mills, Tilton & Wallingford); MASON (Eastern third, including Townships of Helena, Marshall, Orangeburg, Plumville & Springdale); NICHOLAS (Eastern eighth, including the Township of Moorefield Sprout)

	Rates	Fringes
IRONWORKER		
ZONE 1.....	\$ 31.33	23.47
ZONE 2.....	\$ 31.73	23.47
ZONE 3.....	\$ 33.33	23.47

ZONE 1 - Up to 10 mile radius of Union Hall, Ashland, Ky.,
1643 Greenup Ave.

ZONE 2 - 10 to 50 mile radius of Union Hall, Ashland, Ky.,
1643 Greenup Ave.

ZONE 3 - 50 mile radius & over of Union Hall, Ashland, Ky.,
1643 Greenup Ave.

LABO0189-003 07/01/2016

BATH, BOURBON, BOYD, BOYLE, BRACKEN, CARTER, CLARK, ELLIOTT, FAYETTE, FLEMING, FRANKLIN, GALLATIN, GRANT, GREENUP, HARRISON, JESSAMINE, LEWIS, MADISON, MASON, MERCER, MONTGOMERY, NICHOLAS, OWEN, ROBERTSON, ROWAN, SCOTT, & WOOLFORD COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 22.75	12.84
GROUP 2.....	\$ 23.00	12.84
GROUP 3.....	\$ 23.05	12.84
GROUP 4.....	\$ 23.65	12.84

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson;

Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

LABO0189-008 07/01/2014

ANDERSON, BULLITT, CARROLL, HARDIN, HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, TRIMBLE & WASHINGTON COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 22.71	11.05
GROUP 2.....	\$ 22.96	11.05
GROUP 3.....	\$ 23.01	11.05
GROUP 4.....	\$ 23.61	11.05

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer;

Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper;
Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer);
Brickmason Tender; Mortar Mixer Operator; Scaffold Builder;
Burner & Welder; Bushhammer; Chain Saw Operator; Concrete
Saw Operator; Deckhand Scow Man; Dry Cement Handler;
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste
- Level C; Forklift Operator for Masonary; Form Setter;
Green Concrete Cutting; Hand Operated Grouter & Grinder
Machine Operator; Jackhammer; Pavement Breaker; Paving
Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven
Georgia Buggy & Wheel Barrow; Power Post Hole Digger;
Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind
Trencher; Sand Blaster; Concrete Chipper; Surface Grinder;
Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman;
Gunnite Operator & Mixer; Grout Pump Operator; Side Rail
Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free
Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher;
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste
- Levels A & B; Miner & Driller (Free Air); Tunnel Blaster;
& Tunnel Mucker (Free Air); Directional & Horizontal
Boring; Air Track Drillers (All Types); Powdermen &
Blasters; Troxler & Concrete Tester if Laborer is Utilized

LABO0189-009 07/01/2014

BRECKINRIDGE & GRAYSON COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 22.66	11.10
GROUP 2.....	\$ 22.91	11.10
GROUP 3.....	\$ 22.96	11.10
GROUP 4.....	\$ 23.56	11.10

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement
Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter
Tender; Cement Mason Tender; Cleaning of Machines;
Concrete; Demolition; Dredging; Environmental - Nuclear,
Radiation, Toxic & Hazardous Waste - Level D; Flagperson;
Grade Checker; Hand Digging & Hand Back Filling; Highway
Marker Placer; Landscaping, Mesh Handler & Placer; Puddler;
Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail
& Fence Installer; Signal Person; Sound Barrier Installer;
Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper;
Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer);
Brickmason Tender; Mortar Mixer Operator; Scaffold Builder;
Burner & Welder; Bushhammer; Chain Saw Operator; Concrete
Saw Operator; Deckhand Scow Man; Dry Cement Handler;

Environmental - Nuclear, Radiation, Toxic & Hazardous Waste
- Level C; Forklift Operator for Masonary; Form Setter;
Green Concrete Cutting; Hand Operated Grouter & Grinder
Machine Operator; Jackhammer; Pavement Breaker; Paving
Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven
Georgia Buggy & Wheel Barrow; Power Post Hole Digger;
Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind
Trencher; Sand Blaster; Concrete Chipper; Surface Grinder;
Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman;
Gunnite Operator & Mixer; Grout Pump Operator; Side Rail
Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free
Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher;
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste
- Levels A & B; Miner & Driller (Free Air); Tunnel Blaster;
& Tunnel Mucker (Free Air); Directional & Horizontal
Boring; Air Track Drillers (All Types); Powdermen &
Blasters; Troxler & Concrete Tester if Laborer is Utilized

PAIN0012-005 06/11/2005

BATH, BOURBON, BOYLE, CLARK, FAYETTE, FLEMING, FRANKLIN,
HARRISON, JESSAMINE, MADISON, MERCER, MONTGOMERY, NICHOLAS,
ROBERTSON, SCOTT & WOODFORD COUNTIES:

	Rates	Fringes
PAINTER		
Bridge/Equipment Tender and/or Containment Builder..\$	18.90	5.90
Brush & Roller.....\$	21.30	5.90
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement.....\$	22.30	5.90
Sandblasting & Waterblasting.....\$	22.05	5.90
Spray.....\$	21.80	5.90

PAIN0012-017 05/01/2015

BRACKEN, GALLATIN, GRANT, MASON & OWEN COUNTIES:

	Rates	Fringes
PAINTER (Heavy & Highway Bridges - Guardrails - Lightpoles - Striping)		
Bridge Equipment Tender and Containment Builder.....\$	20.73	9.06
Brush & Roller.....\$	23.39	9.06
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement.....\$	24.39	9.06
Sandblasting & Water Blasting.....\$	24.14	9.06

Spray.....\$ 23.89 9.06

PAIN0118-004 06/01/2014

ANDERSON, BRECKINRIDGE, BULLITT, CARROLL, GRAYSON, HARDIN,
HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY,
SPENCER, TRIMBLE & WASHINGTON COUNTIES:

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 18.50	11.97
Spray, Sandblast, Power Tools, Waterblast & Steam		
Cleaning.....	\$ 19.50	11.97

* PAIN1072-003 12/01/2015

BOYD, CARTER, ELLIOTT, GREENUP, LEWIS and ROWAN COUNTIES

	Rates	Fringes
Painters:		
Bridges; Locks; Dams; Tension Towers & Energized Substations.....	\$ 32.63	15.50
Power Generating Facilities.	\$ 29.39	15.50

PLUM0248-003 06/01/2016

BOYD, CARTER, ELLIOTT, GREENUP, LEWIS & ROWAN COUNTIES:

	Rates	Fringes
Plumber and Steamfitter.....	\$ 30.00	24.05

PLUM0392-007 06/01/2014

BRACKEN, CARROLL (Eastern Half), GALLATIN, GRANT, MASON, OWEN &
ROBERTSON COUNTIES:

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 29.80	17.79

PLUM0502-003 08/01/2016

BRECKINRIDGE, BULLITT, CARROLL (Western Half), FRANKLIN
(Western three-fourths), GRAYSON, HARDIN, HENRY, JEFFERSON,
LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, TRIMBLE &
WASHINGTON COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 32.00	20.13

SUKY2010-160 10/08/2001

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 16.57	7.34
GROUP 2.....	\$ 16.68	7.34
GROUP 3.....	\$ 16.86	7.34
GROUP 4.....	\$ 16.96	7.34

TRUCK DRIVER CLASSIFICATIONS

GROUP 1 - Mobile Batch Truck Tender

GROUP 2 - Greaser; Tire Changer; & Mechanic Tender

GROUP 3 - Single Axle Dump; Flatbed; Semi-trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Distributor; Mixer; & Truck Mechanic

GROUP 4 - Euclid & Other Heavy Earthmoving Equipment & Lowboy; Articulator Cat; 5-Axle Vehicle; Winch & A-Frame when used in transporting materials; Ross Carrier; Forklift when used to transport building materials; & Pavement Breaker

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification

and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.

Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

No laborer, workman or mechanic shall be paid at a rate less than that of a Journeyman except those classified as bona fide apprentices.

Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contractor shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

TO: EMPLOYERS/EMPLOYEES

PREVAILING WAGE SCHEDULE:

The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the number of hours worked in each classification at the prescribed hourly base rate.

OVERTIME:

Overtime is to be paid after an employee works eight (8) hours a day or forty (40) hours a week, whichever gives the employee the greater wages. At least time and one-half the base rate is required for all overtime. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. Wage violations or questions should be directed to the designated Engineer or the undersigned.

Director
Division of Construction Procurement
Frankfort, Kentucky 40622
502-564-3500

PROPOSAL BID ITEMS

171006

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Report Date 1/20/17

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	274.00	TON		\$	
0020	00223		CL3 ASPH BASE 0.75D PG64-22	296.00	TON		\$	
0030	00388		CL3 ASPH SURF 0.38B PG64-22	238.00	TON		\$	
0040	02101		CEM CONC ENT PAVEMENT-8 IN	90.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0050	00069		CRUSHED AGGREGATE SIZE NO 3	193.00	TON		\$	
0060	01810		STANDARD CURB AND GUTTER	521.00	LF		\$	
0070	01811		STANDARD CURB AND GUTTER MOD	92.00	LF		\$	
0080	01875		STANDARD HEADER CURB	110.00	LF		\$	
0090	02003		RELOCATE TEMP CONC BARRIER (REVISED: 1-20-17)	450.00	LF		\$	
0100	02200		ROADWAY EXCAVATION	700.00	CUYD		\$	
0110	02242		WATER	5.00	MGAL		\$	
0120	02381		REMOVE GUARDRAIL	125.00	LF		\$	
0130	02545		CLEARING AND GRUBBING 0.17 ACRES	1.00	LS		\$	
0140	02562		TEMPORARY SIGNS	500.00	SQFT		\$	
0150	02598		FABRIC-GEOTEXTILE TYPE III	593.00	SQYD		\$	
0160	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0170	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0180	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0190	02677		ASPHALT PAVE MILLING & TEXTURING	192.00	TON		\$	
0200	02701		TEMP SILT FENCE	564.00	LF		\$	
0210	02703		SILT TRAP TYPE A	1.00	EACH		\$	
0220	02704		SILT TRAP TYPE B	1.00	EACH		\$	
0230	02705		SILT TRAP TYPE C	1.00	EACH		\$	
0240	02706		CLEAN SILT TRAP TYPE A	1.00	EACH		\$	
0250	02707		CLEAN SILT TRAP TYPE B	1.00	EACH		\$	
0260	02708		CLEAN SILT TRAP TYPE C	1.00	EACH		\$	
0270	02720		SIDEWALK-4 IN CONCRETE	299.00	SQYD		\$	
0280	02726		STAKING	1.00	LS		\$	
0290	02731		REMOVE STRUCTURE STA. 14+98.78	1.00	LS		\$	
0300	02775		ARROW PANEL	2.00	EACH		\$	
0310	02898		RELOCATE CRASH CUSHION (REVISED: 1-20-17)	6.00	EACH		\$	
0320	02900		INSTALL TEMP CRASH CUSHION	2.00	EACH		\$	
0330	03171		CONCRETE BARRIER WALL TYPE 9T	150.00	LF		\$	
0340	04830		LOOP WIRE	95.00	LF		\$	
0350	05952		TEMP MULCH	606.00	SQYD		\$	
0360	05963		INITIAL FERTILIZER	.10	TON		\$	
0370	05964		20-10-10 FERTILIZER	.10	TON		\$	
0380	05990		SODDING	606.00	SQYD		\$	
0390	05992		AGRICULTURAL LIMESTONE	.10	TON		\$	

PROPOSAL BID ITEMS

REVISED ADDENDUM #1: 1-20-17

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Page 2 of 3

Report Date 1/20/17

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	06510		PAVE STRIPING-TEMP PAINT-4 IN	412.00	LF		\$	
0410	06514		PAVE STRIPING-PERM PAINT-4 IN	1,070.00	LF		\$	
0420	06515		PAVE STRIPING-PERM PAINT-6 IN	251.00	LF		\$	
0430	06550		PAVE STRIPING-TEMP REM TAPE-W	5,315.00	LF		\$	
0440	06568		PAVE MARKING-THERMO STOP BAR-24IN	52.00	LF		\$	
0450	06573		PAVE MARKING-THERMO STR ARROW	1.00	EACH		\$	
0460	06574		PAVE MARKING-THERMO CURV ARROW	2.00	EACH		\$	
0470	20094ES835		TEMP RELOCATION OF SIGNAL HEAD	2.00	EACH		\$	
0480	20550ND		SAWCUT PAVEMENT	851.00	LF		\$	
0490	22664EN		WATER BLASTING EXISTING STRIPE	3,600.00	LF		\$	
0500	23158ES505		DETECTABLE WARNINGS	112.00	SQFT		\$	
0510	24814EC		PIPELINE INSPECTION	157.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0520	00520		STORM SEWER PIPE-12 IN	5.00	LF		\$	
0530	00521		STORM SEWER PIPE-15 IN	316.00	LF		\$	
0540	01314		PLUG PIPE	1.00	EACH		\$	
0550	01456		CURB BOX INLET TYPE A	5.00	EACH		\$	
0560	01487		CURB BOX INLET TYPE F	1.00	EACH		\$	
0570	01650		JUNCTION BOX	1.00	EACH		\$	
0580	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	1,320.00	SQYD	\$2.00	\$	\$2,640.00

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0590	02231		STRUCTURE GRANULAR BACKFILL	827.00	CUYD		\$	
0600	02555		CONCRETE-CLASS B	42.80	CUYD		\$	
0610	03299		ARMORED EDGE FOR CONCRETE	123.20	LF		\$	
0620	08001		STRUCTURE EXCAVATION-COMMON	1,532.00	CUYD		\$	
0630	08100		CONCRETE-CLASS A BRIDGE OVER BEARGRASS CREEK	422.50	CUYD		\$	
0640	08104		CONCRETE-CLASS AA	201.30	CUYD		\$	
0650	08130		MECHANICAL REINF COUPLER #5	46.00	EACH		\$	
0660	08131		MECHANICAL REINF COUPLER #6	52.00	EACH		\$	
0670	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	58.00	EACH		\$	
0680	08150		STEEL REINFORCEMENT	33,855.00	LB		\$	
0690	08151		STEEL REINFORCEMENT-EPOXY COATED	34,773.00	LB		\$	
0700	08160		STRUCTURAL STEEL 5544 LBS.	1.00	LS		\$	
0710	08634		PRECAST PC I BEAM TYPE 4	445.00	LF		\$	
0720	20186ED		REINFORCED CONCRETE SLAB	283.00	SQYD		\$	
0730	20745ED		ROCK SOUNDINGS	154.00	LF		\$	
0740	20746ED		ROCK CORINGS	299.00	LF		\$	
0750	21420ED		DRILLED SHAFT-66 IN (COMMON)	154.30	LF		\$	
0760	21421ED		DRILLED SHAFT-60 IN (SOLID ROCK)	104.00	LF		\$	

PROPOSAL BID ITEMS

REVISED ADDENDUM #1: 1-20-17

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Report Date 1/20/17

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0770	24668EC		STEEL ENCASEMENT PIPE 48 IN	112.00	LF		\$	
0780	24877ED		RAIL SYSTEM TYPE C411	242.70	LF		\$	

Section: 0005 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0790	04792		CONDUIT-1 IN	20.00	LF		\$	
0800	04793		CONDUIT-1 1/4 IN	70.00	LF		\$	
0810	04795		CONDUIT-2 IN	190.00	LF		\$	
0820	04811		ELECTRICAL JUNCTION BOX TYPE B	4.00	EACH		\$	
0830	04820		TRENCHING AND BACKFILLING	70.00	LF		\$	
0840	04821		OPEN CUT ROADWAY	140.00	LF		\$	
0850	04830		LOOP WIRE	925.00	LF		\$	
0860	04844		CABLE-NO. 14/5C	425.00	LF		\$	
0870	04850		CABLE-NO. 14/1 PAIR	260.00	LF		\$	
0880	04895		LOOP SAW SLOT AND FILL	340.00	LF		\$	
0890	04950		REMOVE SIGNAL EQUIPMENT	1.00	EACH		\$	
0900	20093NS835		INSTALL PEDESTRIAN HEAD-LED	5.00	EACH		\$	
0910	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	1.00	EACH		\$	
0920	21543EN		BORE AND JACK CONDUIT	160.00	LF		\$	
0930	21743NN		INSTALL PEDESTRIAN DETECTOR	5.00	EACH		\$	
0940	23222EC		INSTALL SIGNAL PEDESTAL	4.00	EACH		\$	

Section: 0006 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0950	02690		SAFELoading	93.00	CUYD		\$	
0960	14003		W CAP EXISTING MAIN	1.00	EACH		\$	
0970	14020		W FIRE HYDRANT RELOCATE	1.00	EACH		\$	
0980	14055		W PIPE DUCTILE IRON SPECIAL	212.00	LF		\$	
0990	14101		W TIE-IN SPECIAL	2.00	EACH		\$	
1000	14157		W MAIN BYPASS JEFFERSON	1.00	L S		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1010	02569		DEMOBILIZATION	1.00	LS		\$	

SPECIAL UTILITY BID ITEMS

Special Utility Bid Item Descriptions

Water Special Utility Items

W PIPE DUCTILE IRON SPECIAL This item includes the pipe specified by the plans and specifications, all fittings (including, but not limited to, bends, tees, reducers, plugs, and caps), tracing wire with test boxes (if required by specification), polyethylene wrap (when specified), labor, equipment, excavation, bedding, restoration, testing, sanitizing, backfill, etc., required to install the specified new pipe and new fittings at the locations shown on the plans, or as directed, in accordance with the specifications and standard drawings complete and ready for use. No additional payment will be made for rock excavation. This bid item shall also include material and placement of flowable fill under existing and proposed pavement, and wherever else specified on the plans or in the specifications. This item shall include all temporary and permanent materials and equipment required to pressure test and sanitize mains including, but not limited to, pressurization pumps, hoses, tubing, gauges, main taps, saddles, temporary main end caps or plugs and blocking, main end taps for flushing, chlorine liquids or tablets for sanitizing, water for testing/sanitizing and flushing (when not supplied by the utility), chlorine neutralization equipment and materials, and any other items needed to accomplish pressure testing and sanitizing the main installation. This item shall also include pipe anchors, at each end of polyethylene pipe runs when specified to prevent the creep or contraction of the pipe. Measurement of quantities under this item shall be through fittings, encasements, and directional bores (only when a separate carrier pipe is specified within the directional bore pipe). Measurements shall be further defined to be to the center of tie-in where new pipe contacts existing pipe at the center of connecting fittings, to the outside face of vault or structure walls, or to the point of main termination at dead ends. No separate payment will be made under pipe items when the directional bore pipe is the carrier pipe. Please refer to the Utility Company's Specifications. If the Company does not have specifications, KYTC's Specifications shall be referenced. Paid LINEAR FEET (LF)

W TIE-IN SPECIAL This item includes all labor, equipment, excavation, fittings, sleeves, reducers, couplings, blocking, anchoring, restoration, disinfection, testing and backfill required to make the water main tie-in as shown on the plans, and in accordance with the specifications complete and ready for use. Please refer to the Utility Company's Specifications. If the Company does not have specifications, KYTC's Specifications shall be referenced. Paid EACH (EA) when complete.

W MAIN BYPASS This bid item shall apply to all water main bypasses of every size, material, and pipeline lengths as required in the plans and specifications. This item shall include the bypass pipe specified by the plans and specifications, all fittings (including, but not limited to, bends, tees, reducers, plugs, and caps), polyethylene wrap (when specified), concrete thrust blocks and collars, pipe supports or bracing for aerial installations, labor, equipment, excavation, bedding, restoration, testing, sanitizing, backfill, and etc., required to install and remove the specified bypass pipe at the locations shown on the plans or as directed in accordance with the specifications and standard drawings. No additional payment will be made for rock excavation. This bid item includes material and placement of flowable fill under existing and proposed pavement, and wherever else specified on the plans or in the specifications. This item shall include all materials and equipment required to pressure test and sanitize pipe including, but not limited to, pressurization pumps, hoses, tubing, gauges, main taps, saddles, temporary main end caps or plugs and blocking, main end taps for flushing, chlorine liquids or tablets for sanitizing, water for testing/sanitizing and flushing (when not supplied by the utility), chlorine neutralization equipment and materials, and any other items needed to accomplish pressure testing and sanitizing the bypass installation. No separate bid item will be established for size variations. Please refer to the Utility Company's Specifications. If the Company does not have specifications, KYTC's Specifications shall be referenced. This item shall be paid LUMP SUM (LS) when complete.

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-1064.00	R2A

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	TAX	TOTAL	RETENTION	TOTAL								
0069	CRUSHED AGGREGATE SIZE NO. 3	①	TONS	193													
2598	FABRIC GEOTEXTILE TYPE III	①	SQ YD	593													
2200	ROADWAY EXCAVATION	③	CU YD	700													
2242	WATER	④	M GAL	5													
2545	CLEARING AND GRUBBING	⑤	LP SU	1													
2677	ASPHALT PAVE MILLING AND TEXTURING		TON	192													
20550ND	SAWCUT PAVEMENT		LF	851													
2720	SIDEWALK-4 IN CONCRETE	⑬⑯	SQ YD	299													
23158ES505	DETECTABLE WARNINGS		SQ FT	112													
2731	REMOVE STRUCTURE	⑪	LP SU	1													
1810	STANDARD CURB AND GUTTER	⑬	LF	521													
1811	STANDARD CURB AND GUTTER MOD	⑬⑰	LF	92													
1875	STANDARD HEADER CURB	⑬	LF	110													
2726	STAKING		LP SU	1													
2381	REMOVE GUARDRAIL	⑩	LF	125													
2701	TEMP SILT FENCE	②	LF	564													
5952	TEMP MULCH	②	SQ YD	606													
5963	INITIAL FERTILIZER	②	TON	0.10													
5992	AGRICULTURAL LIMESTONE	②	TON	0.10													
5964	20-10-10 FERTILIZER	②	TON	0.10													
5990	SODDING	②⑦	SQ YD	606													
2703	SILT TRAP A	②	EA	1													
2704	SILT TRAP B	②	EA	1													
2705	SILT TRAP C	②	EA	1													
2706	CLEAN SILT TRAP A	②	EA	1													
2707	CLEAN SILT TRAP B	②	EA	1													
2708	CLEAN SILT TRAP C	②	EA	1													
2650	MAINTAIN AND CONTROL TRAFFIC		LP SU	1													
6514	PAVE STRIPING-PERM PAINT-4 IN		LIN FT	1070													
6515	PAVE STRIPING-PERM PAINT-6 IN		LIN FT	251													
6568	PAVE MARKING-THERMO STOP BAR-24 IN		LIN FT	52													
6573	PAVE MRKG-THERMO STR ARROW		EA	1													
6574	PAVE MRKG-THERMO CURV ARROW		EA	2													
2562	TEMPORARY SIGNS	⑭	SQ FT	500													
2671	PORTABLE CHANGEABLE MESSAGE SIGN	⑭	EA	2													
6510	PAVE STRIPING-TEMP PAINT-4 IN	⑭	LF	412													
6550	PAVE STRIPING-TEMP REM TAPE-W	⑭	LF	5315													
2775	ARROW PANEL	⑭	EA	2													
3171	CONCRETE BARRIER WALL TYPE 9T	⑨⑭	LF	150													
2900	INSTALL TEMP CRASH CUSHION	⑨⑭	EA	2													
22664EN	WATER BLASTING EXISTING STRIPE	⑭	LF	3600													
2003	RELOCATE TEMP CONC BARRIER	⑭⑮	LF	450													
2898	RELOCATE CRASH CUSHION	⑭⑮	EA	6													
2600	FABRIC GEOTEXTILE TY IV FOR PIPE	⑥	SQ YD	1320													
2676	MOBILIZATION FOR MILL AND TEX		LP SU	1													
2569	DEMOBILIZATION		LP SU	1													
24814EC	PIPELINE INSPECTION		LF	157													
4830	LOOP WIRE	⑱	LF	95													
20094ES835	TEMP RELOCATION OF SIGNAL HEAD		EA	2													
1314	PLUG PIPE		EA	1													

NOTES:

- ① ESTIMATED QUANTITY FOR POSSIBLE SUBGRADE STABILIZATION UNDERCUT. THE TOTALS ARE ESTIMATED AND WILL ONLY BE PAID AS AUTHORIZED BY THE ENGINEER.
 - ② ESTIMATED QUANTITY, ASSOCIATED WITH EROSION CONTROL. FINAL QUANTITY COORDINATED WITH THE ENGINEER.
 - ③ EARTHWORK CALCULATIONS. QUANTITIES ARE FOR BIDDING PURPOSES ONLY. THE VALUES SHOWN ARE BASED ON THE CROSS SECTION TOTALS. AUTHORIZED ADJUSTMENTS WILL CONFORM TO SECTION 204.04.02 OF THE SPECIFICATIONS.
- | |
|---|
| COMMON |
| 421 CU YD FROM CROSS SECTIONS
0 CU YD DITCH EXC. FROM PIPE SECTIONS
279 CU YD SUBGRADE STABILIZATION ①
700 CU YD TOTAL |
| EMBANKMENT |
| 103 CU YD FROM CROSS SECTIONS
103 CU YD TOTAL |
| FOR BIDDING |
| 700 CU YD COMMON
0 CU YD EMB. FOUND. BENCHING
0 CU YD TRANSVERSE BENCHING
700 CU YD TOTAL |
- ④ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY. ESTIMATED AT 50 MGAL/MILE.
 - ⑤ APPROXIMATELY 0.17 ACRES.
 - ⑥ FOR WRAPPING PIPE TRENCH BACKFILL.
 - ⑦ ALL DISTURBED AREAS WILL RECEIVE SOD.
 - ⑧ NOT USED
 - ⑨ TO BE SUPPLIED BY THE CONTRACTOR
 - ⑩ CONTRACTOR TO KEEP OR OTHERWISE DISPOSE OF EXISTING GUARDRAIL TO BE REMOVED
 - ⑪ STA. 14+98.78, BID ITEM INCLUDES REMOVAL OF THE CONCRETE GRAVITY BLOCK
 - ⑫ TEMPORARY CRASH CUSHIONS TO BE PROVIDED BY THE CONTRACTOR
 - ⑬ HISTORIC CONCRETE MIX TO BE USED AND IS INCIDENTAL TO BID ITEM. SEE SPECIAL NOTES.
 - ⑭ ASSOCIATED WITH MAINTENANCE OF TRAFFIC
 - ⑮ THREE MOT PHASE SHIFTS
 - ⑯ BID ITEM INCLUDES TARC BUS STOP REPLACEMENT
 - ⑰ CURB THICKNESS IS 11.75 INCHES.
 - ⑱ BID ITEM INCLUDES REMOVAL OF LOOP WIRE.

US60A BRIDGE REPLACEMENT
GENERAL SUMMARY SHEET

FILE NAME: C:\PWORKING\PIIT\DI91563\RO020ASU.DGN

USER: PPAFFEN
DATE PLOTTED: January 20, 2017

E-SHEET NAME: RO020ASU

MicroStation v8.11.9.832

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-1064.00	R2A

1 Revised 1/20/2017

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	TAXES	NET TOTAL	RETENTION	TOTAL AMOUNT	EST. QUANTITY	EST. PRICE	EST. TOTAL
0069	CRUSHED AGGREGATE SIZE NO. 3	①	TONS	193								
2598	FABRIC GEOTEXTILE TYPE III	①	SQ YD	593								
2200	ROADWAY EXCAVATION	③	CU YD	700								
2242	WATER	④	M GAL	5								
2545	CLEARING AND GRUBBING	⑤	LP SU	1								
2677	ASPHALT PAVE MILLING AND TEXTURING		TON	192								
20550ND	SAWCUT PAVEMENT		LF	851								
2720	SIDEWALK-4 IN CONCRETE	⑬⑯	SQ YD	299								
23158ES505	DETECTABLE WARNINGS		SQ FT	112								
2731	REMOVE STRUCTURE	⑪	LP SU	1								
1810	STANDARD CURB AND GUTTER	⑬	LF	521								
1811	STANDARD CURB AND GUTTER MOD	⑬⑰	LF	92								
1875	STANDARD HEADER CURB	⑬	LF	110								
2726	STAKING		LP SU	1								
2381	REMOVE GUARDRAIL	⑩	LF	125								
2701	TEMP SILT FENCE	②	LF	564								
5952	TEMP MULCH	②	SQ YD	606								
5963	INITIAL FERTILIZER	②	TON	0.10								
5992	AGRICULTURAL LIMESTONE	②	TON	0.10								
5964	20-10-10 FERTILIZER	②	TON	0.10								
5990	SODDING	② ⑦	SQ YD	606								
2703	SILT TRAP A	②	EA	1								
2704	SILT TRAP B	②	EA	1								
2705	SILT TRAP C	②	EA	1								
2706	CLEAN SILT TRAP A	②	EA	1								
2707	CLEAN SILT TRAP B	②	EA	1								
2708	CLEAN SILT TRAP C	②	EA	1								
2650	MAINTAIN AND CONTROL TRAFFIC		LP SU	1								
6514	PAVE STRIPING-PERM PAINT-4 IN		LIN FT	1070								
6515	PAVE STRIPING-PERM PAINT-6 IN		LIN FT	251								
6568	PAVE MARKING-THERMO STOP BAR-24 IN		LIN FT	52								
6573	PAVE MRKG-THERMO STR ARROW		EA	1								
6574	PAVE MRKG-THERMO CURV ARROW		EA	2								
2562	TEMPORARY SIGNS	⑭	SQ FT	500								
2671	PORTABLE CHANGEABLE MESSAGE SIGN	⑭	EA	2								
6510	PAVE STRIPING-TEMP PAINT-4 IN	⑭	LF	412								
6550	PAVE STRIPING-TEMP REM TAPE-W	⑭	LF	5315								
2775	ARROW PANEL	⑭	EA	2								
3171	CONCRETE BARRIER WALL TYPE 9T	⑨⑭	LF	150								
2900	INSTALL TEMP CRASH CUSHION	⑨⑭	EA	2								
22664EN	WATER BLASTING EXISTING STRIPE	⑭	LF	3600								
2003	RELOCATE TEMP CONC BARRIER	⑭⑮	LF	450								
2898	RELOCATE CRASH CUSHION	⑭⑮	EA	6								
2600	FABRIC GEOTEXTILE TY IV FOR PIPE	⑥	SQ YD	1320								
2676	MOBILIZATION FOR MILL AND TEX		LP SU	1								
2569	DEMobilIZATION		LP SU	1								
24814EC	PIPELINE INSPECTION		LF	157								
4830	LOOP WIRE	⑱	LF	95								
20094ES835	TEMP RELOCATION OF SIGNAL HEAD		EA	2								
1314	PLUG PIPE		EA	1								

NOTES:

- ① ESTIMATED QUANTITY FOR POSSIBLE SUBGRADE STABILIZATION UNDERCUT. THE TOTALS ARE ESTIMATED AND WILL ONLY BE PAID AS AUTHORIZED BY THE ENGINEER.
- ② ESTIMATED QUANTITY, ASSOCIATED WITH EROSION CONTROL. FINAL QUANTITY COORDINATED WITH THE ENGINEER.
- ③ EARTHWORK CALCULATIONS. QUANTITIES ARE FOR BIDDING PURPOSES ONLY. THE VALUES SHOWN ARE BASED ON THE CROSS SECTION TOTALS. AUTHORIZED ADJUSTMENTS WILL CONFORM TO SECTION 204.04.02 OF THE SPECIFICATIONS.

COMMON
421 CU YD FROM CROSS SECTIONS 0 CU YD DITCH EXC. FROM PIPE SECTIONS 279 CU YD SUBGRADE STABILIZATION ①
700 CU YD TOTAL
EMBANKMENT
103 CU YD FROM CROSS SECTIONS 103 CU YD TOTAL
FOR BIDDING
700 CU YD COMMON 0 CU YD EMB. FOUND. BENCHING 0 CU YD TRANSVERSE BENCHING 700 CU YD TOTAL
- ④ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY. ESTIMATED AT 50 MGAL/MILE.
- ⑤ APPROXIMATELY 0.17 ACRES.
- ⑥ FOR WRAPPING PIPE TRENCH BACKFILL.
- ⑦ ALL DISTURBED AREAS WILL RECEIVE SOD.
- ⑧ NOT USED
- ⑨ TO BE SUPPLIED BY THE CONTRACTOR
- ⑩ CONTRACTOR TO KEEP OR OTHERWISE DISPOSE OF EXISTING GUARDRAIL TO BE REMOVED
- ⑪ STA. 14+98.78, BID ITEM INCLUDES REMOVAL OF THE CONCRETE GRAVITY BLOCK
- ⑫ TEMPORARY CRASH CUSHIONS TO BE PROVIDED BY THE CONTRACTOR
- ⑬ HISTORIC CONCRETE MIX TO BE USED AND IS INCIDENTAL TO BID ITEM. SEE SPECIAL NOTES.
- ⑭ ASSOCIATED WITH MAINTENANCE OF TRAFFIC
- ⑮ THREE MOT PHASE SHIFTS
- ⑯ BID ITEM INCLUDES TARC BUS STOP REPLACEMENT
- ⑰ CURB THICKNESS IS 11.75 INCHES.
- ⑱ BID ITEM INCLUDES REMOVAL OF LOOP WIRE.

US60A BRIDGE REPLACEMENT
GENERAL SUMMARY SHEET

FILE NAME: G:\PWORKING\PI\TT_D191563_VR0020ASU.DGN

USER: PPAFFEN
DATE PLOTTED: January 20, 2017

E-SHEET NAME: R0020ASU

MicroStation v8.11.9.832

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-1064.00	R2D

GENERAL AND SPECIAL NOTES

GENERAL NOTES

DIVISION 100 - GENERAL PROVISIONS

160 N.G.S. (U.S.G.S.) BENCH MARKS
DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.

UTILITIES (HAZARDOUS OR FLAMMABLE MATERIALS)

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIAL.

165 BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

190 DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

DIVISION 400 - ASPHALT PAVEMENTS

448 COMPACTION OF ASPHALT MIXTURES (OPTION-B)

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED ON THIS PROJECT BY OPTION B ACCORDING TO SUBSECTIONS 402.03.02 AND 403.03.10 OF THE STANDARD SPECIFICATIONS.

455 EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT (PER METER) FOR 'EDGE KEY' INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

DIVISION 600 - STRUCTURES AND CONCRETE

650 STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-3670

SPECIAL NOTES

SPECIAL NOTE 11 - PORTABLE CHANGEABLE MESSAGE SIGNS
SPECIAL NOTE 10W - WATERBLASTING STRIPING REMOVAL

LOGAN STREET INTERCEPTOR

THE LOCATION OF THE LOGAN STREET INTERCEPTOR IS IDENTIFIED ON THE PLANS AND WAS TAKEN FROM THE MOST CURRENT DESIGN PLANS (MSD RECORD NO. 350941). THE PLAN LOCATIONS AS SHOWN SHOULD BE CONSIDERED APPROXIMATE AND SHOULD NOT BE TAKEN AS 'AS-BUILT' LOCATIONS. THE CONTRACTOR SHOULD FIELD VERIFY THE AS-BUILT LOCATIONS TO VERIFY NO CONFLICTS WILL OCCUR. THE BRIDGE PROJECT WAS DESIGNED TO AVOID THE NEW INTERCEPTOR AT ALL LOCATIONS.

GAS RELOCATION (20" MAIN)

THE 20" GAS MAIN THAT IS ATTACHED TO THE BRIDGE WILL BE DEACTIVATED BY LG&E BEFORE DEMOLITION. LG&E WILL NEED TWO WEEKS LEAD TIME TO CUT AND CAP THE PIPE. AFTER WHICH TIME, THE EXISTING LINE CAN BE DEMOED. THE GAS LINE WILL BE REINSTALLED, BY LG&E, ON THE BRIDGE DURING PHASE 2A. CONTRACTOR TO COORDINATE ALL WORK WITH LG&E. GAS MAIN MUST BE BACK IN SERVICE BY OCTOBER 1ST 2017.

WATER MAIN RELOCATION (48" MAIN)

THE CONTRACTOR SHALL INSTALL AN HDPE BYPASS WATERLINE AS DETAILED IN THE WATERLINE RELOCATION PLANS AND SPECIFICATIONS. BYPASS INSTALLATION AND IT'S RELATED TIE-IN CONNECTION SHALL BE INSTALLED, TESTED AND APPROVED BY THE LWC AND THE DEPARTMENT BEFORE APRIL 15TH OR BEFORE THE CONTRACTOR MAY PROCEED WITH CONSTRUCTION ACTIVITIES THAT MAY CAUSE GROUND DISTURBANCE. CONSTRUCTION ACTIVITIES THAT MAY CAUSE GROUND DISTURBANCE INCLUDE BUT ARE NOT LIMITED TO: SHORING INSTALLATION, DEMOLITION OF THE EXISTING STRUCTURE BELOW THE SUPERSTRUCTURE (INCLUDING THE ARCH PORTION OF THE EXISTING STRUCTURE), AND FOUNDATION INSTALLATION.

PROPOSED WATER MAIN TO BE INSTALLED BY CONTRACTOR ACCORDING TO THE WATER RELOCATION PLANS AND STRUCTURAL PLANS. TIE-INS TO BE COORDINATED WITH THE LOUISVILLE WATER COMPANY AND THE DEPARTMENT.

CONCRETE GRAVITY BLOCK

REFERENCE IS MADE TO THE STRUCTURE PLANS FOR DETAILS RELATED TO THE TEMPORARY 'CONCRETE GRAVITY BLOCK' THAT WILL BE CONSTRUCTED AS PART OF THE MOT PLAN (SHEET R12) TO PROVIDE TEMPORARY SHORING. THE ITEM WILL PAID PER THE 'CLASS B CONCRETE' BID ITEM. EXCAVATION AND ALL MISCELLANEOUS INSTALLATION REQUIREMENTS WILL BE INCIDENTAL TO THE BID ITEM.

HISTORIC CONCRETE MIX

WHEN SPECIFIED AS 'HISTORIC', PROVIDE A CONCRETE MIX WHICH MEETS THE FOLLOWING REQUIREMENTS:

- SHALL PROVIDE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3500 PSI.
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- APPROVED COARSE AGGREGATES - #67 GRAVEL, #8 GRAVEL, OR RIVER GRAVEL.
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THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE 10-DAY NOI TO THE LOUISVILLE AIR POLLUTION CONTROL DISTRICT PRIOR TO THE DEMOLITION OF THE BRIDGE STRUCTURE. THE ASBESTOS INSPECTION REPORT DOCUMENTATION CONTAINED IN THE BID DOCUMENTS SHOULD ACCOMPANY THE APPLICATION. THIS WILL BE INCIDENTAL TO THE REMOVE STRUCTURE BID ITEMS.

AIR QUALITY

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LOUISVILLE METRO COORDINATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH LOUISVILLE METRO WITH RESPECT TO RELOCATION OF THE EXISTING TRAFFIC SIGNALS AT CASTLEVALE AND THE EXISTING STREET LIGHTS.

DISINCENTIVE CLAUSE

SEE MOT NOTES FOR INFORMATION REGARDING DISCENTIVE RATES WHICH BEGIN ON NOVEMBER 1, 2017 (BRIDGE COMPLETION DATE).

FILE NAME: G:\PWORK\ING\PI\TT\DI91563\RO0200GN.DGN

USER: PPFARFFEN
DATE PLOTTED: January 20, 2017

E-SHEET NAME: RO0200GN

MicroStation v8.11.9.832

SCALE: NTS

GENERAL AND SPECIAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-1064.00	R2D

GENERAL AND SPECIAL NOTES

1 Revised 1/20/2017

GENERAL NOTES

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DISINCENTIVE CLAUSE

SEE MOT NOTES FOR INFORMATION REGARDING DISCENTIVE RATES WHICH BEGIN ON NOVEMBER 1, 2017 (BRIDGE COMPLETION DATE).

FILE NAME: G:\PWORK\ING\PI\TT\DI91563\RO0200GN.DGN

USER: PPFARFFEN
DATE PLOTTED: January 20, 2017

E-SHEET NAME: RO0200GN

MicroStation v8.11.9.832

GENERAL AND SPECIAL NOTES

SCALE: NTS

TRAFFIC MANAGEMENT PLAN

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-1064.00	R10

OVERVIEW

THIS PROJECT IS NECESSARY TO REPLACE A STRUCTURALLY DEFICIENT FOUR-LANE BRIDGE RUNNING OVER THE SOUTH FORK OF BEARGRASS CREEK. A PART WIDTH CONSTRUCTION METHOD WILL BE UTILIZED. THIS WILL ALLOW AT LEAST ONE LANE IN EACH DIRECTION OF EASTERN PARKWAY TO REMAIN OPEN DURING CONSTRUCTION. THE SPEED LIMIT THROUGH THE WORK ZONE DURING CONSTRUCTION WILL BE REDUCED TO 25 MPH.

GENERAL NOTES

THE MOT PLAN ALLOWS FOR ACCESS TO BE MAINTAINED AT ALL TIMES. THE PLAN IS BASED ON FIVE PHASES OF CONSTRUCTION AND A 25 MPH SPEED LIMIT. DURING PHASE 1 TEMPORARY BARRIERS WILL BE PLACED ON EASTERN PARKWAY SO A CONCRETE GRAVITY BLOCK CAN BE CONSTRUCTED ON TOP OF THE EXISTING ARCH BRIDGE. REMOVAL OF THE SOUTH HALF OF THE EXISTING BRIDGE AND CONSTRUCTION OF THE SOUTH HALF OF THE NEW BRIDGE WILL OCCUR IN PHASE 2. REMOVAL OF THE NORTH HALF OF THE EXISTING BRIDGE AND THE CONCRETE GRAVITY BLOCK WILL OCCUR IN PHASE 3 AS WELL AS CONSTRUCTION OF THE NORTH HALF OF THE NEW BRIDGE. A SIDEWALK AND PERMANENT BARRIER WILL BE CONSTRUCTED ON THE SOUTH SIDE OF THE BRIDGE DURING PHASE 4. TRAFFIC WILL BE SHIFTED TO ITS FINAL CONFIGURATION AND THE FINAL ASPHALT SURFACE WILL BE PLACED IN PHASE 5. ACCESS TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES MUST BE PROVIDED AT ALL TIMES.

CHANGES TO THE MOT PLAN AS SHOWN WILL BE CONSIDERED. HOWEVER, ANY CHANGES WILL NEED APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE "MAINTAIN AND CONTROL TRAFFIC" BID ITEM WILL PROVIDE FOR ALL MISCELLANEOUS TRAFFIC CONTROL ITEMS REQUIRED. THE "TEMPORARY SIGNS" BID ITEM WILL PROVIDE FOR ALL MUTCD REQUIRED ADVANCED WARNING SIGNS. ADDITIONAL BID ITEMS ARE AS IDENTIFIED ON THE GENERAL SUMMARY SHEET. OVERALL COMPLIANCE WILL CONFORM TO SECTION 112 OF THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. PAYMENT FOR ARROW BOARDS WILL BE THE MAXIMUM NUMBER IN PLACE AT ANY ONE TIME ON THE PROJECT.

LOCAL ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES, FOR ALL PHASES OF THE MAINTENANCE OF TRAFFIC.

CONTRARY TO KYTC SPECIFICATIONS, ALL LANE CLOSURES WILL BE INCIDENTAL TO THE MAINTAIN AND CONTROL TRAFFIC BID ITEM.

PROJECT PHASING AND SCHEDULE REQUIREMENTS

THE SPECIFIED COMPLETION DATE FOR THIS PROJECT IS NOVEMBER 15, 2017. THE BRIDGE COMPLETION DATE IS THE DATE WHICH US 60A WILL HAVE ALL FOUR LANES OPEN TO TRAFFIC. THE BRIDGE COMPLETION DATE FOR THIS PROJECT IS NOVEMBER 1, 2017.

CONTRARY TO SECTION 108.09 OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION, DISINCENTIVE RATES WILL BE ASSESSED AT A RATE OF \$5,000 FOR EACH CALENDAR DAY THE ROAD CLOSURE CONTINUES BEYOND THE BRIDGE COMPLETION DATE.

CONTRARY TO SECTION 108.09 THE DISINCENTIVE RATES WILL BE CHARGED AFTER THE BRIDGE COMPLETION DATE EVEN WHEN SEASONAL OR TEMPERATURE LIMITATIONS OF THE CONTRACT PROHIBIT THE CONTRACTOR FROM WORKING ON A CONTROLLING ITEM OF OPERATION.

ROAD CLOSURE

TEMPORARY ROAD CLOSURES, IF NEEDED, SHALL LAST NO LONGER THAN 10 MINUTES, WILL BE COORDINATED WITH THE ENGINEER AND WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9:00 P.M. AND 6:00 A.M. ANY CLOSURE IS PAID UNDER THE ITEM "MAINTAIN AND CONTROL TRAFFIC." NO DIRECT PAYMENT WILL BE MADE.

SPECIFIED HOLIDAYS IN WHICH WORK WILL NOT BE PERMITTED

NO WORK ALONG EASTERN PKWY WILL BE ALLOWED ON THE FOLLOWING DAYS OR NIGHTS:

APRIL 22, 2017	THUNDER OVER LOUISVILLE
MAY 5-7, 2017	KENTUCKY DERBY WEEKEND
MAY 27-29, 2017	MEMORIAL DAY WEEKEND
JULY 4, 2017	INDEPENDENCE DAY
SEPT. 2-4, 2017	LABOR DAY WEEKEND
NOV. 23-26, 2017	THANKSGIVING WEEKEND

PHASE 1

PHASE 1 ALLOWS CONSTRUCTION OF THE CONCRETE GRAVITY BLOCK (SEE SHEET R11). THE ITEM IS PAID FOR AS CLASS B CONCRETE PER THE BRIDGE PLANS. THIS WILL OCCUR UNDER A LANE CLOSURE OPERATION WITH CHANNELIZING DEVICES.

1. TRAFFIC IS MERGED FROM TWO LANES EACH WAY TO ONE LANE EACH WAY. THE MERGE WILL BE MADE FROM THE INSIDE LANES TO THE OUTSIDE LANES. TEMPORARY CONCRETE BARRIER WALLS AND CRASH CUSHIONS WILL BE INSTALLED TO PROTECT THE WORK ZONE. ONCE TRAFFIC IS MERGED, WORK IN THIS PHASE SHALL BE COMPLETED IN 4 WEEKS OR LESS. DURING THE MERGE, THE CONTRACTOR SHALL MONITOR THE EASTBOUND PAVEMENT ON THE EXISTING BRIDGE AND NOTIFY KYTC OF ANY NEW DISTRESS.
2. A TRENCH WILL BE EXCAVATED DOWN TO THE EXISTING ARCH FOR INSTALLATION OF THE CONCRETE GRAVITY BLOCK. SEE BRIDGE PLANS FOR CONCRETE GRAVITY BLOCK DETAILS.
3. A CONCRETE GRAVITY BLOCK WILL BE CONSTRUCTED IN THE EXCAVATED TRENCH ON TOP OF THE EXPOSED ARCH BRIDGE. THE CONCRETE GRAVITY BLOCK WILL HOLD BACK THE EXISTING EARTH BACKFILL FOR FUTURE DEMOLITION AND CONSTRUCTION.

PHASE 2

PHASE 2 ALLOWS TRAFFIC TRANSITIONS AND FOR THE REMOVAL OF THE SOUTH SIDE OF THE EXISTING BRIDGE. NOTE: THIS WORK CANNOT PROCEED UNTIL LPG&E HAS CUT AND CAPPED THE EXISTING 20" GAS LINE.

4. THE SINGLE EAST BOUND LANE WILL BE SHIFTED TO THE NORTH SIDE OF EASTERN PARKWAY AND RUN PARALLEL TO THE SINGLE WEST BOUND LANE (SEE SHEET R13).
5. THE SOUTH SIDE OF THE EXISTING BRIDGE IS REMOVED AS SHOWN ON SHEET R14.

PHASE 2A

PHASE 2A ALLOWS FOR THE CONSTRUCTION OF THE SOUTH SIDE OF THE NEW BRIDGE.

6. THE SOUTH SIDE OF THE NEW BRIDGE, THE FOOTING AND STEM WALL FOR THE BRIDGE APPROACH RAIL, AND THE APPROACH PAVEMENT IS CONSTRUCTED.
7. NEW GAS LINE IS INSTALLED (BY LG&E).

PHASE 3

PHASE 3 ALLOWS FOR THE TRAFFIC TRANSITION AND THE REMOVAL OF THE NORTH SIDE OF THE EXISTING BRIDGE.

8. BOTH LANES OF TRAFFIC ARE SHIFTED TO THE SOUTH SIDE OF EASTERN PARKWAY. THE TEMPORARY LANE SHIFTS WILL UTILIZE THE NEWLY CONSTRUCTED BRIDGE AND THE TEMPORARY PAVEMENT WIDENING (SEE SHEET R17).
9. THE NORTH SIDE OF THE EXISTING BRIDGE AND THE CONCRETE GRAVITY BLOCK ARE REMOVED.

PHASE 3A

PHASE 3A ALLOWS FOR THE CONSTRUCTION OF THE NORTH SIDE OF THE BRIDGE AND APPROACH PAVEMENT.

10. THE NORTH SIDE OF NEW BRIDGE IS CONSTRUCTED.
11. THE NEW 42" STEEL WATER MAIN AND 48" CASING PIPE IS CONSTRUCTED BETWEEN BEAMS #1 AND #2 AND THE TIE-IN ARE MADE. SEE STRUCTURE PLANS AND WATER LINE RELOCATION PLANS FOR DETAILS.
12. ALL PERMANENT ROADWAY ITEMS LEFT OF THE CENTERLINE ARE CONSTRUCTED INCLUDING THE BRIDGE APPROACH RAIL, STEM WALL AND FOOTING.

PHASE 4

PHASE 4 ALLOWS FOR THE CONSTRUCTION OF ALL REMAINING PERMANENT ITEMS RIGHT OF THE CENTERLINE.

13. TWO WESTBOUND LANES OF TRAFFIC ARE NOW PROVIDED. EASTBOUND TRAFFIC CONTINUES TO OPERATE WITH A ONE-LANE CLOSURE. (SEE SHEET R21).
14. TEMPORARY PAVEMENT WIDENING WILL BE REMOVED. ALL DISTURBED AREA THAT WILL NOT BE PAVED IS TO BE REGRADED AND RECEIVE SOD.
15. THE SIDEWALK, BRIDGE RAIL AND ALL REMAINING PERMANENT ITEMS RIGHT OF THE CENTERLINE ARE CONSTRUCTED. THIS INCLUDES THE BRIDGE APPROACH RAIL ON THE STEM WALLS AND FOOTINGS CONSTRUCTED IN PHASE 2A.

PHASE 5

PHASE 5 ALLOWS FOR THE FINAL OVERLAY AND STRIPING TO BE CONSTRUCTED. ALL DISTURBED AREAS SHALL BE SODDED PER THE STANDARD SPECIFICATIONS. TRAFFIC TO BE ROUTED TO ITS FINAL AND PERMANENT CONFIGURATION

16. THE FINAL ASPHALT SURFACE COURSE AND ALL ASSOCIATED STRIPING AND RESTORATION WILL BE COMPLETED. ALL PHASE 5 ACTIVITIES WILL BE COMPLETED UNDER THE DURESS OF TRAFFIC.
17. TRAFFIC IS SHIFTED TO ITS FINAL AND PERMANENT CONFIGURATION.

PAVEMENT EDGE DROP-OFF REQUIREMENTS

DIFFERENCE IN ELEVATION FOR TRAVEL LANES:

A PAVEMENT EDGE THAT TRAFFIC IS EXPECTED TO CROSS IN A LANE CHANGE SITUATION SHALL NOT HAVE AN ELEVATION DIFFERENCE GREATER THAN 1 1/2 INCH. THEY MAY BE INCREASED TO 2 INCHES FOR LOW SPEED SITUATIONS. WARNING SIGNS SHALL BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA WHEN DROP-OFFS ARE GREATER THAN 1/2 INCH. MODIFICATIONS WILL BE AS DIRECTED BY THE ENGINEER.

PAVEMENT DROP-OFFS:

PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS SHALL BE TREATED AS FOLLOWS - OR AS DIRECTED BY THE ENGINEER:

LESS THAN 1/2 INCH - NO PROTECTION REQUIRED.

1/2 TO 2 INCHES - WARNING SIGNS SHALL BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA.

2 TO 4 INCHES - PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES SHALL BE PLACED EVERY 50 FEET FOR SPEEDS LESS THAN 50 MILES PER HOUR AND EVERY 100 FEET FOR SPEEDS OF 50 MILES PER HOUR AND GREATER. CONES MAY BE USED IN PLACED OF PLASTIC DRUMS, VERTICAL PANELS, AND BARRICADES DURING DAYLIGHT HOURS. SPACING PER TAPERS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

4 INCHES AND GREATER - POSITIVE SEPARATION NEEDED OR WEDGE WITH 3:1 OR FLATTER SLOPE. IF THERE IS 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFFS, PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES MAY BE USED. IF CONCRETE BARRIERS ARE USED SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHALL BE USED FOR OVERNIGHT INSTALLATION.

FOR TEMPORARY CONDITIONS, DROP-OFFS 4 INCHES AND GREATER MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WILE WORK IS BEING DONE IN THE DROP-OFF AREA.

PAYMENT WILL BE ALLOWED FOR DGA MATERIAL USED FOR WEDGING.

MAINTENANCE OF TRAFFIC
GENERAL NOTES

FILE NAME: G:\P\WORKING\PI\TT\0191563\RO1000MT.DGN

USER: PPFARFFEN
DATE PLOTTED: January 20, 2017

E-SHEET NAME: RO1000MT

MicroStation v8.11.9.832

TRAFFIC MANAGEMENT PLAN

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-1064.00	R10

1 Revised 01/20/2017

OVERVIEW

THIS PROJECT IS NECESSARY TO REPLACE A STRUCTURALLY DEFICIENT FOUR-LANE BRIDGE RUNNING OVER THE SOUTH FORK OF BEARGRASS CREEK. A PART WIDTH CONSTRUCTION METHOD WILL BE UTILIZED. THIS WILL ALLOW AT LEAST ONE LANE IN EACH DIRECTION OF EASTERN PARKWAY TO REMAIN OPEN DURING CONSTRUCTION. THE SPEED LIMIT THROUGH THE WORK ZONE DURING CONSTRUCTION WILL BE REDUCED TO 25 MPH.

GENERAL NOTES

THE MOT PLAN ALLOWS FOR ACCESS TO BE MAINTAINED AT ALL TIMES. THE PLAN IS BASED ON FIVE PHASES OF CONSTRUCTION AND A 25 MPH SPEED LIMIT. DURING PHASE 1 TEMPORARY BARRIERS WILL BE PLACED ON EASTERN PARKWAY SO A CONCRETE GRAVITY BLOCK CAN BE CONSTRUCTED ON TOP OF THE EXISTING ARCH BRIDGE. REMOVAL OF THE SOUTH HALF OF THE EXISTING BRIDGE AND CONSTRUCTION OF THE SOUTH HALF OF THE NEW BRIDGE WILL OCCUR IN PHASE 2. REMOVAL OF THE NORTH HALF OF THE EXISTING BRIDGE AND THE CONCRETE GRAVITY BLOCK WILL OCCUR IN PHASE 3 AS WELL AS CONSTRUCTION OF THE NORTH HALF OF THE NEW BRIDGE. A SIDEWALK AND PERMANENT BARRIER WILL BE CONSTRUCTED ON THE SOUTH SIDE OF THE BRIDGE DURING PHASE 4. TRAFFIC WILL BE SHIFTED TO ITS FINAL CONFIGURATION AND THE FINAL ASPHALT SURFACE WILL BE PLACED IN PHASE 5. ACCESS TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES MUST BE PROVIDED AT ALL TIMES.

CHANGES TO THE MOT PLAN AS SHOWN WILL BE CONSIDERED. HOWEVER, ANY CHANGES WILL NEED APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE "MAINTAIN AND CONTROL TRAFFIC" BID ITEM WILL PROVIDE FOR ALL MISCELLANEOUS TRAFFIC CONTROL ITEMS REQUIRED. THE "TEMPORARY SIGNS" BID ITEM WILL PROVIDE FOR ALL MUTCD REQUIRED ADVANCED WARNING SIGNS. ADDITIONAL BID ITEMS ARE AS IDENTIFIED ON THE GENERAL SUMMARY SHEET. OVERALL COMPLIANCE WILL CONFORM TO SECTION 112 OF THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. PAYMENT FOR ARROW BOARDS WILL BE THE MAXIMUM NUMBER IN PLACE AT ANY ONE TIME ON THE PROJECT.

LOCAL ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES, FOR ALL PHASES OF THE MAINTENANCE OF TRAFFIC.

CONTRARY TO KYTC SPECIFICATIONS, ALL LANE CLOSURES WILL BE INCIDENTAL TO THE MAINTAIN AND CONTROL TRAFFIC BID ITEM.

PROJECT PHASING AND SCHEDULE REQUIREMENTS

THE SPECIFIED COMPLETION DATE FOR THIS PROJECT IS NOVEMBER 15, 2017. THE BRIDGE COMPLETION DATE IS THE DATE WHICH US 60A WILL HAVE ALL FOUR LANES OPEN TO TRAFFIC. THE BRIDGE COMPLETION DATE FOR THIS PROJECT IS NOVEMBER 1, 2017.

CONTRARY TO SECTION 108.09 OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD CONSTRUCTION, DISINCENTIVE RATES WILL BE ASSESSED AT A RATE OF \$5,000 FOR EACH CALENDAR DAY THE ROAD CLOSURE CONTINUES BEYOND THE BRIDGE COMPLETION DATE.

CONTRARY TO SECTION 108.09 THE DISINCENTIVE RATES WILL BE CHARGED AFTER THE BRIDGE COMPLETION DATE EVEN WHEN SEASONAL OR TEMPERATURE LIMITATIONS OF THE CONTRACT PROHIBIT THE CONTRACTOR FROM WORKING ON A CONTROLLING ITEM OF OPERATION.

ROAD CLOSURE

TEMPORARY ROAD CLOSURES, IF NEEDED, SHALL LAST NO LONGER THAN 10 MINUTES, WILL BE COORDINATED WITH THE ENGINEER AND WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9:00 P.M. AND 6:00 A.M. ANY CLOSURE IS PAID UNDER THE ITEM "MAINTAIN AND CONTROL TRAFFIC." NO DIRECT PAYMENT WILL BE MADE.

SPECIFIED HOLIDAYS IN WHICH WORK WILL NOT BE PERMITTED

NO WORK ALONG EASTERN PKWY WILL BE ALLOWED ON THE FOLLOWING DAYS OR NIGHTS:

APRIL 22, 2017	THUNDER OVER LOUISVILLE
MAY 5-7, 2017	KENTUCKY DERBY WEEKEND
MAY 27-29, 2017	MEMORIAL DAY WEEKEND
JULY 4, 2017	INDEPENDENCE DAY
SEPT. 2-4, 2017	LABOR DAY WEEKEND
NOV. 23-26, 2017	THANKSGIVING WEEKEND

PHASE 1

PHASE 1 ALLOWS CONSTRUCTION OF THE CONCRETE GRAVITY BLOCK (SEE SHEET R11). THE ITEM IS PAID FOR AS CLASS B CONCRETE PER THE BRIDGE PLANS. THIS WILL OCCUR UNDER A LANE CLOSURE OPERATION WITH CHANNELIZING DEVICES.

1. TRAFFIC IS MERGED FROM TWO LANES EACH WAY TO ONE LANE EACH WAY. THE MERGE WILL BE MADE FROM THE INSIDE LANES TO THE OUTSIDE LANES. TEMPORARY CONCRETE BARRIER WALLS AND CRASH CUSHIONS WILL BE INSTALLED TO PROTECT THE WORK ZONE. ONCE TRAFFIC IS MERGED, WORK IN THIS PHASE SHALL BE COMPLETED IN 4 WEEKS OR LESS. DURING THE MERGE, THE CONTRACTOR SHALL MONITOR THE EASTBOUND PAVEMENT ON THE EXISTING BRIDGE AND NOTIFY KYTC OF ANY NEW DISTRESS.
2. A TRENCH WILL BE EXCAVATED DOWN TO THE EXISTING ARCH FOR INSTALLATION OF THE CONCRETE GRAVITY BLOCK. SEE BRIDGE PLANS FOR CONCRETE GRAVITY BLOCK DETAILS.
3. A CONCRETE GRAVITY BLOCK WILL BE CONSTRUCTED IN THE EXCAVATED TRENCH ON TOP OF THE EXPOSED ARCH BRIDGE. THE CONCRETE GRAVITY BLOCK WILL HOLD BACK THE EXISTING EARTH BACKFILL FOR FUTURE DEMOLITION AND CONSTRUCTION.

PHASE 2

PHASE 2 ALLOWS TRAFFIC TRANSITIONS AND FOR THE REMOVAL OF THE SOUTH SIDE OF THE EXISTING BRIDGE. NOTE: THIS WORK CANNOT PROCEED UNTIL LPG&E HAS CUT AND CAPPED THE EXISTING 20" GAS LINE.

4. THE SINGLE EAST BOUND LANE WILL BE SHIFTED TO THE NORTH SIDE OF EASTERN PARKWAY AND RUN PARALLEL TO THE SINGLE WEST BOUND LANE (SEE SHEET R13).
5. THE SOUTH SIDE OF THE EXISTING BRIDGE IS REMOVED AS SHOWN ON SHEET R14.

PHASE 2A

PHASE 2A ALLOWS FOR THE CONSTRUCTION OF THE SOUTH SIDE OF THE NEW BRIDGE.

6. THE SOUTH SIDE OF THE NEW BRIDGE, THE FOOTING AND STEM WALL FOR THE BRIDGE APPROACH RAIL, AND THE APPROACH PAVEMENT IS CONSTRUCTED.
7. NEW GAS LINE IS INSTALLED (BY LG&E).

PHASE 3

PHASE 3 ALLOWS FOR THE TRAFFIC TRANSITION AND THE REMOVAL OF THE NORTH SIDE OF THE EXISTING BRIDGE.

8. BOTH LANES OF TRAFFIC ARE SHIFTED TO THE SOUTH SIDE OF EASTERN PARKWAY. THE TEMPORARY LANE SHIFTS WILL UTILIZE THE NEWLY CONSTRUCTED BRIDGE AND THE TEMPORARY PAVEMENT WIDENING (SEE SHEET R17).
9. THE NORTH SIDE OF THE EXISTING BRIDGE AND THE CONCRETE GRAVITY BLOCK ARE REMOVED.

PHASE 3A

1. PHASE 3A ALLOWS FOR THE CONSTRUCTION OF THE NORTH SIDE OF THE BRIDGE AND APPROACH PAVEMENT.
10. THE NORTH SIDE OF NEW BRIDGE IS CONSTRUCTED.
11. THE NEW 42" STEEL WATER MAIN AND 48" CASING PIPE IS CONSTRUCTED BETWEEN BEAMS #1 AND #2 AND THE TIE-IN ARE MADE. SEE STRUCTURE PLANS AND WATER LINE RELOCATION PLANS FOR DETAILS.
12. ALL PERMANENT ROADWAY ITEMS LEFT OF THE CENTERLINE ARE CONSTRUCTED INCLUDING THE BRIDGE APPROACH RAIL, STEM WALL AND FOOTING.

PHASE 4

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13. TWO WESTBOUND LANES OF TRAFFIC ARE NOW PROVIDED. EASTBOUND TRAFFIC CONTINUES TO OPERATE WITH A ONE-LANE CLOSURE. (SEE SHEET R21).
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PHASE 5

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PAVEMENT EDGE DROP-OFF REQUIREMENTS

DIFFERENCE IN ELEVATION FOR TRAVEL LANES:

A PAVEMENT EDGE THAT TRAFFIC IS EXPECTED TO CROSS IN A LANE CHANGE SITUATION SHALL NOT HAVE AN ELEVATION DIFFERENCE GREATER THAN 1 1/2 INCH. THEY MAY BE INCREASED TO 2 INCHES FOR LOW SPEED SITUATIONS. WARNING SIGNS SHALL BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA WHEN DROP-OFFS ARE GREATER THAN 1/2 INCH. MODIFICATIONS WILL BE AS DIRECTED BY THE ENGINEER.

PAVEMENT DROP-OFFS:

PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS SHALL BE TREATED AS FOLLOWS - OR AS DIRECTED BY THE ENGINEER:

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2 TO 4 INCHES - PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES SHALL BE PLACED EVERY 50 FEET FOR SPEEDS LESS THAN 50 MILES PER HOUR AND EVERY 100 FEET FOR SPEEDS OF 50 MILES PER HOUR AND GREATER. CONES MAY BE USED IN PLACED OF PLASTIC DRUMS, VERTICAL PANELS, AND BARRICADES DURING DAYLIGHT HOURS. SPACING PER TAPERS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

4 INCHES AND GREATER - POSITIVE SEPARATION NEEDED OR WEDGE WITH 3:1 OR FLATTER SLOPE. IF THERE IS 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFFS, PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES MAY BE USED. IF CONCRETE BARRIERS ARE USED SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHALL BE USED FOR OVERNIGHT INSTALLATION.

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PAYMENT WILL BE ALLOWED FOR DGA MATERIAL USED FOR WEDGING.

MAINTENANCE OF TRAFFIC
GENERAL NOTES

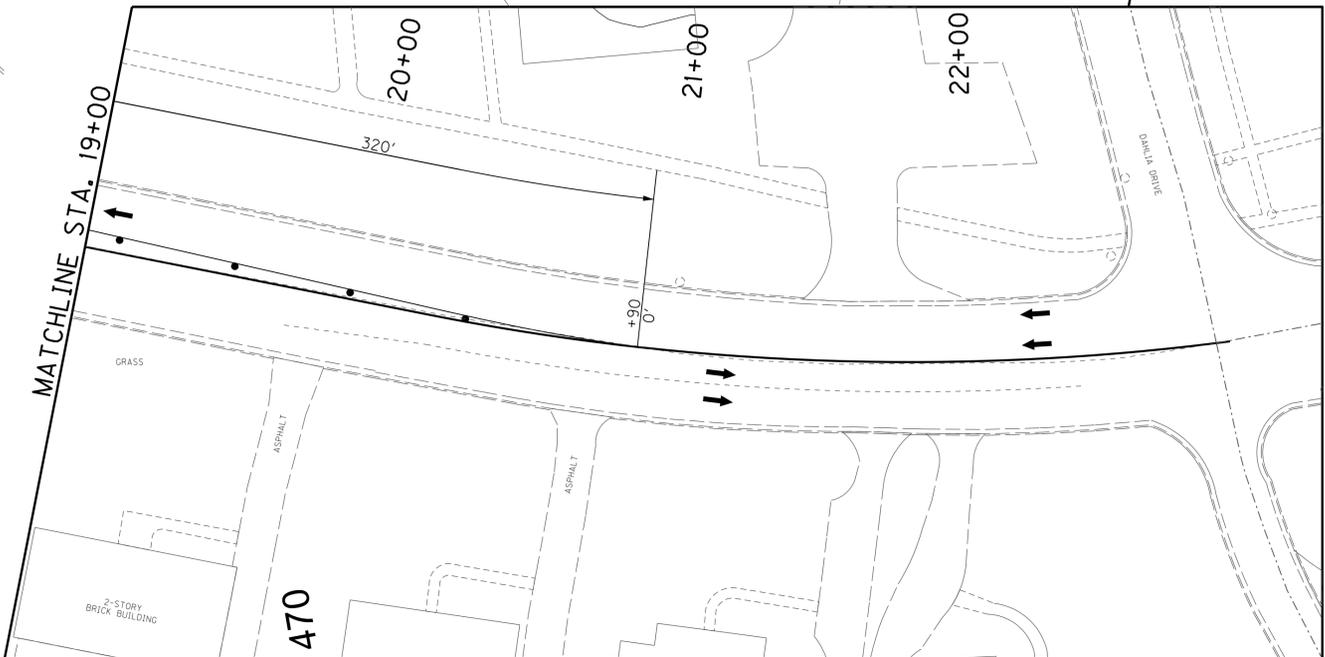
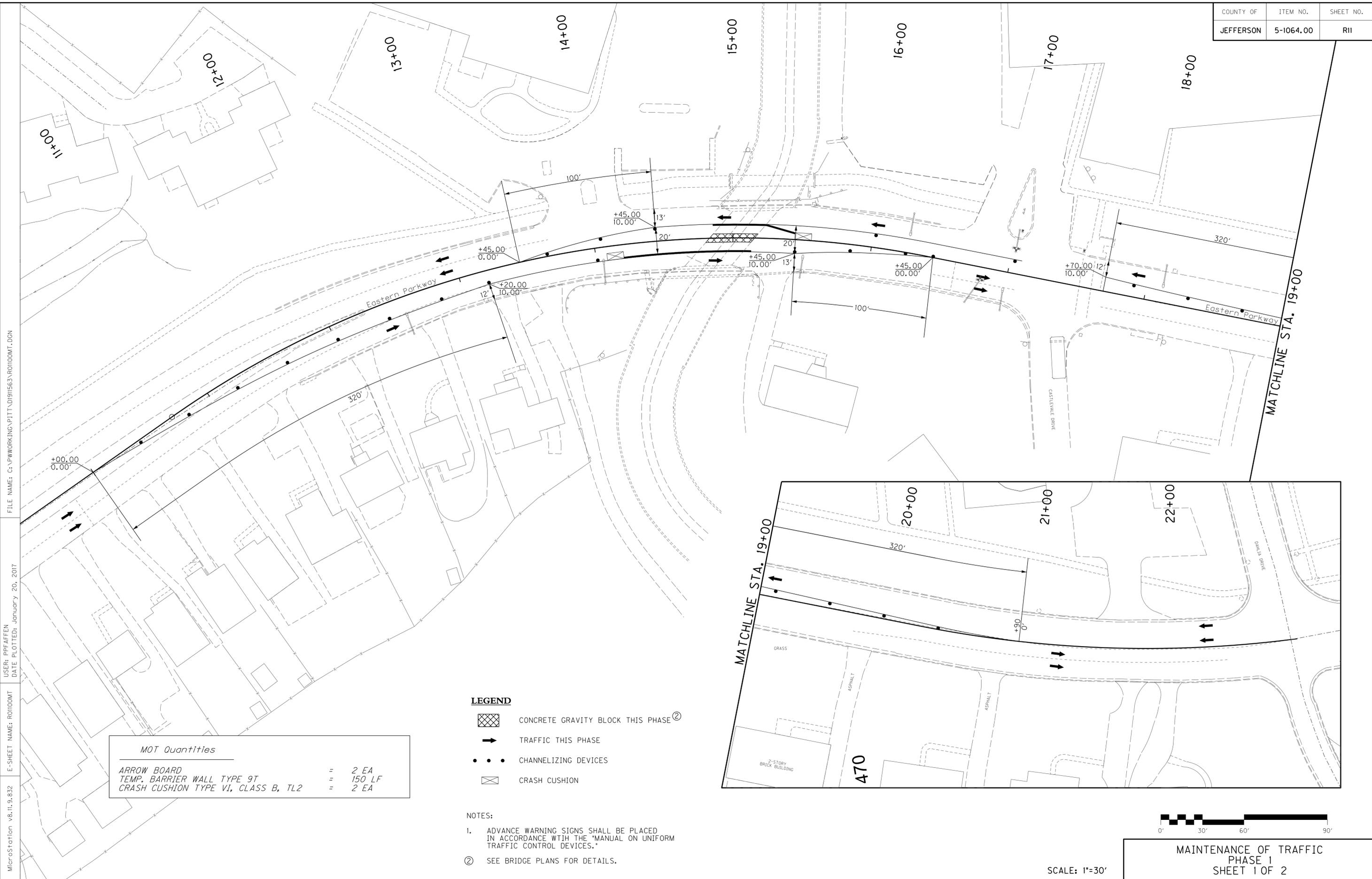
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USER: PPFARFFEN
DATE PLOTTED: January 20, 2017

E-SHEET NAME: RO1000MT

MicroStation v8.11.9.832

FILE NAME: C:\PWORKING\PI\TT_D\91563\RO100MT.DGN
 USER: PPEAFFEN
 DATE PLOTTED: January 20, 2017
 E-SHEET NAME: RO100MT
 MicroStation v8.11.9.832



MOT Quantities	
ARROW BOARD	= 2 EA
TEMP. BARRIER WALL TYPE 9T	= 150 LF
CRASH CUSHION TYPE VI, CLASS B, TL2	= 2 EA

- LEGEND**
-  CONCRETE GRAVITY BLOCK THIS PHASE ②
 -  TRAFFIC THIS PHASE
 -  CHANNELIZING DEVICES
 -  CRASH CUSHION

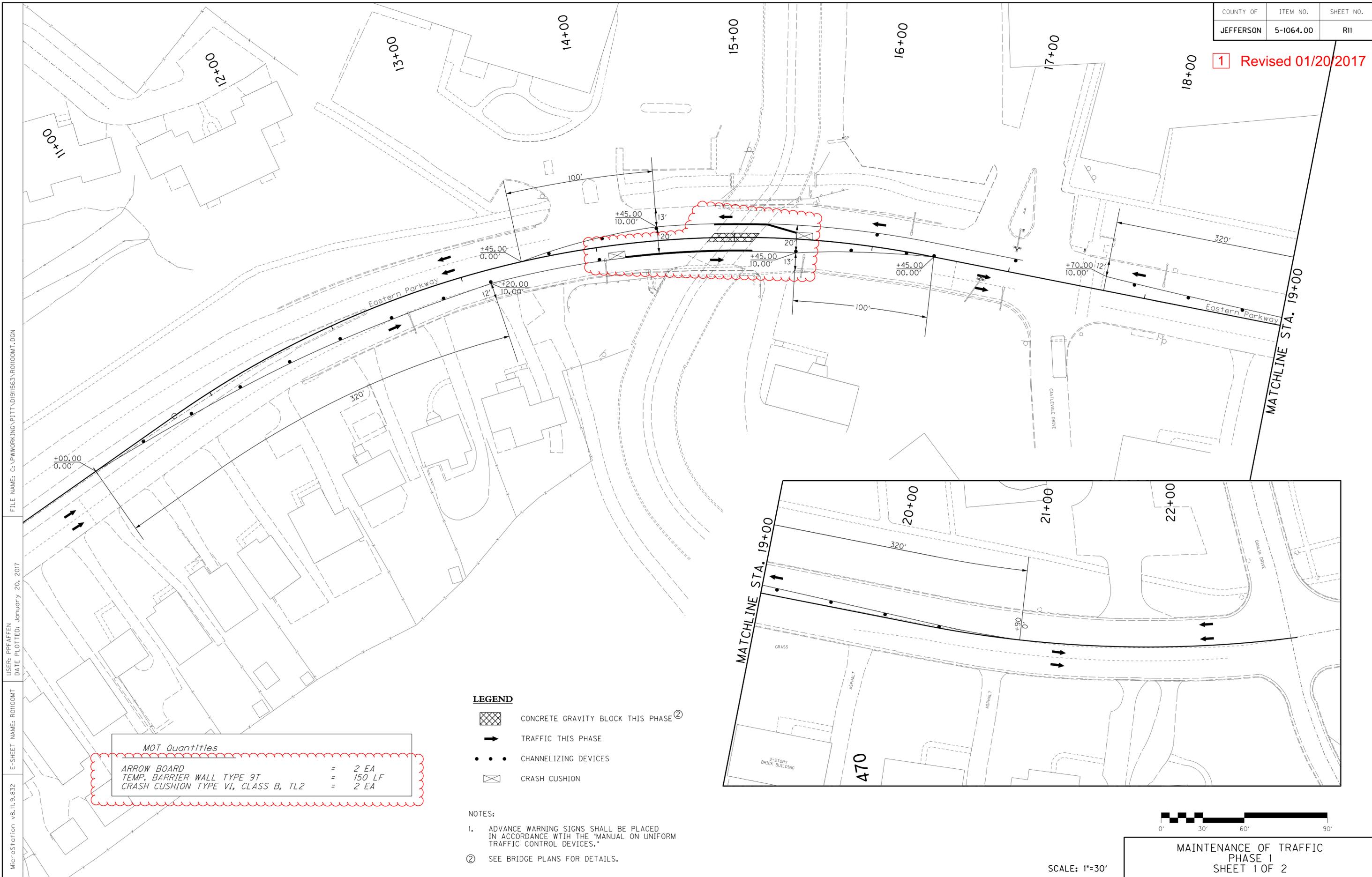
- NOTES:**
1. ADVANCE WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 - ② SEE BRIDGE PLANS FOR DETAILS.



SCALE: 1"=30'

1 Revised 01/20/2017

MicroStation v8.11.9.832 E-SHEET NAME: R0100MT USER: PPEAFFEN DATE PLOTTED: January 20, 2017 FILE NAME: C:\PWORKING\PIIT\DI91563\R0100MT.DGN

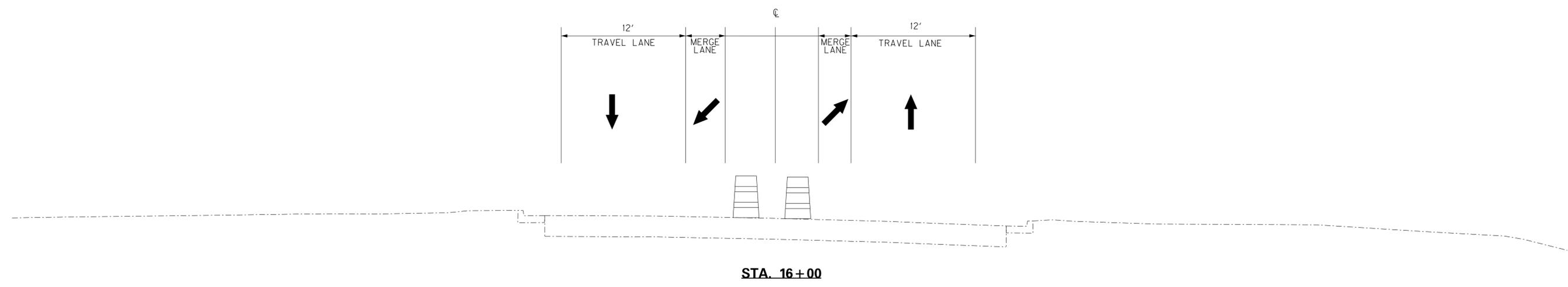


MOT Quantities	
ARROW BOARD	= 2 EA
TEMP. BARRIER WALL TYPE 9T	= 150 LF
CRASH CUSHION TYPE VI, CLASS B, TL2	= 2 EA

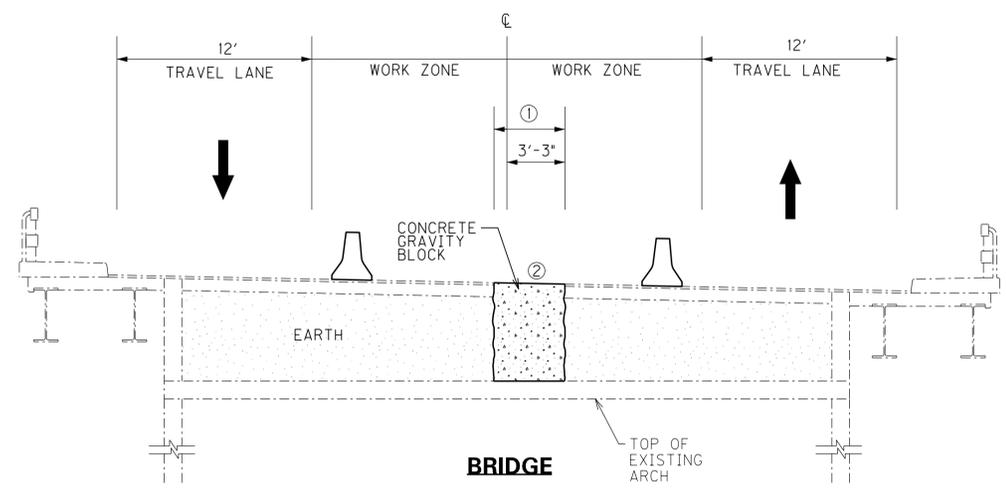
- LEGEND**
- CONCRETE GRAVITY BLOCK THIS PHASE ②
 - TRAFFIC THIS PHASE
 - CHANNELIZING DEVICES
 - CRASH CUSHION

- NOTES:**
1. ADVANCE WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 - ② SEE BRIDGE PLANS FOR DETAILS.





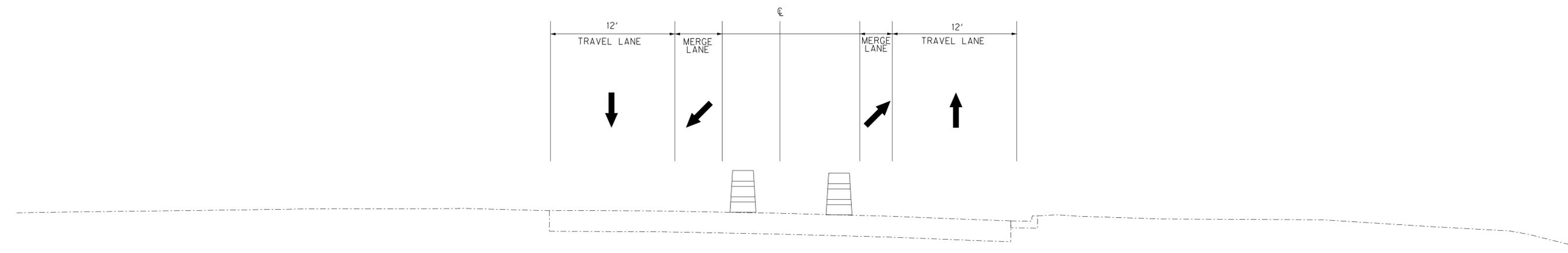
STA. 16+00



BRIDGE

NOTES:

- ① SEE BRIDGE PLANS FOR DETAILS AND BID ITEMS ASSOCIATED WITH "CONCRETE GRAVITY BLOCK"
- ② SURFACE SHALL BE SMOOTH WITH SURROUNDING PAVEMENT



STA. 14+00

SCALE: 1"=NTS

MAINTENANCE OF TRAFFIC
PHASE 1
SHEET 2 OF 2

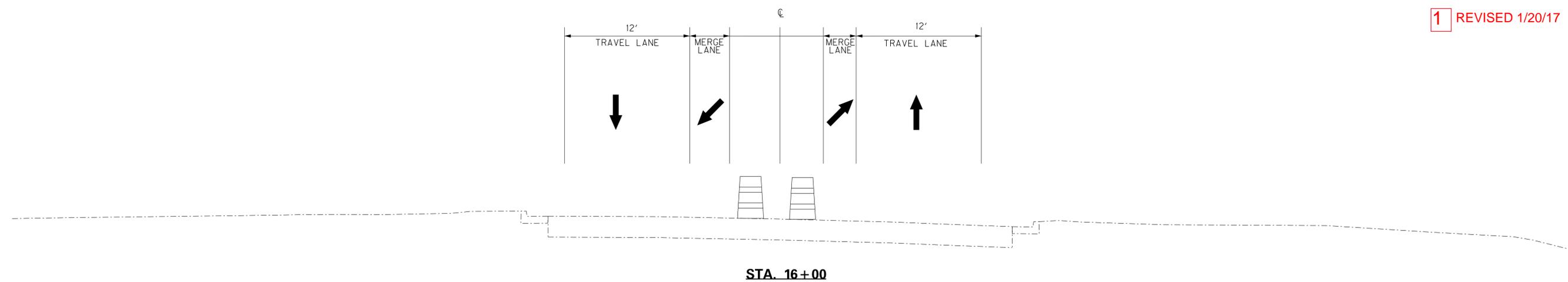
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USER: PPFaffen
DATE PLOTTED: January 20, 2017

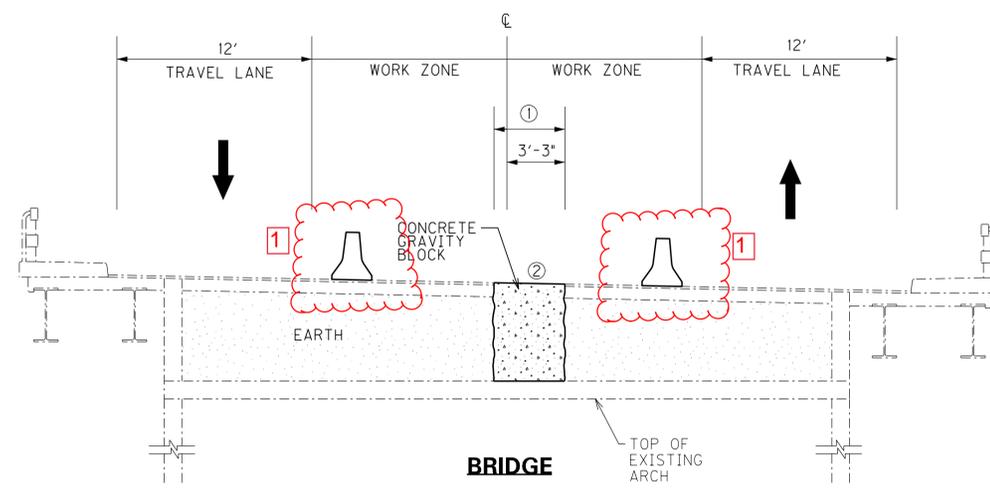
E-SHEET NAME: RO1200MT

MicroStation v8.11.9.832

1 REVISED 1/20/17

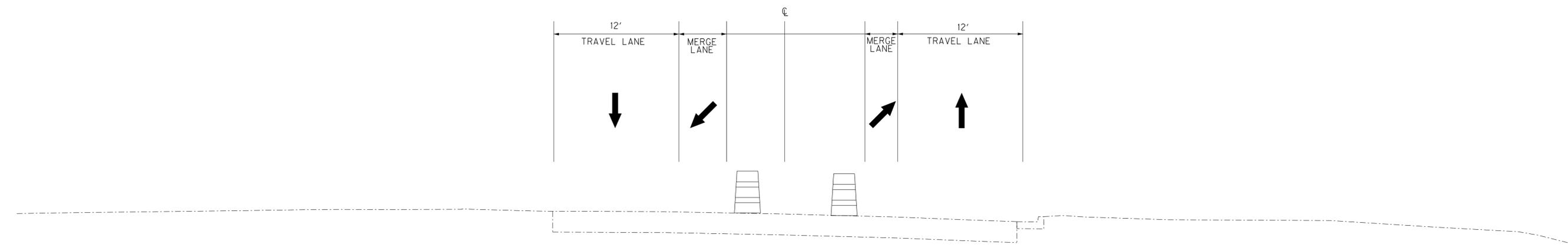


STA. 16+00



NOTES:

- ① SEE BRIDGE PLANS FOR DETAILS AND BID ITEMS ASSOCIATED WITH "CONCRETE GRAVITY BLOCK"
- ② SURFACE SHALL BE SMOOTH WITH SURROUNDING PAVEMENT



STA. 14+00

SCALE: 1"=NTS

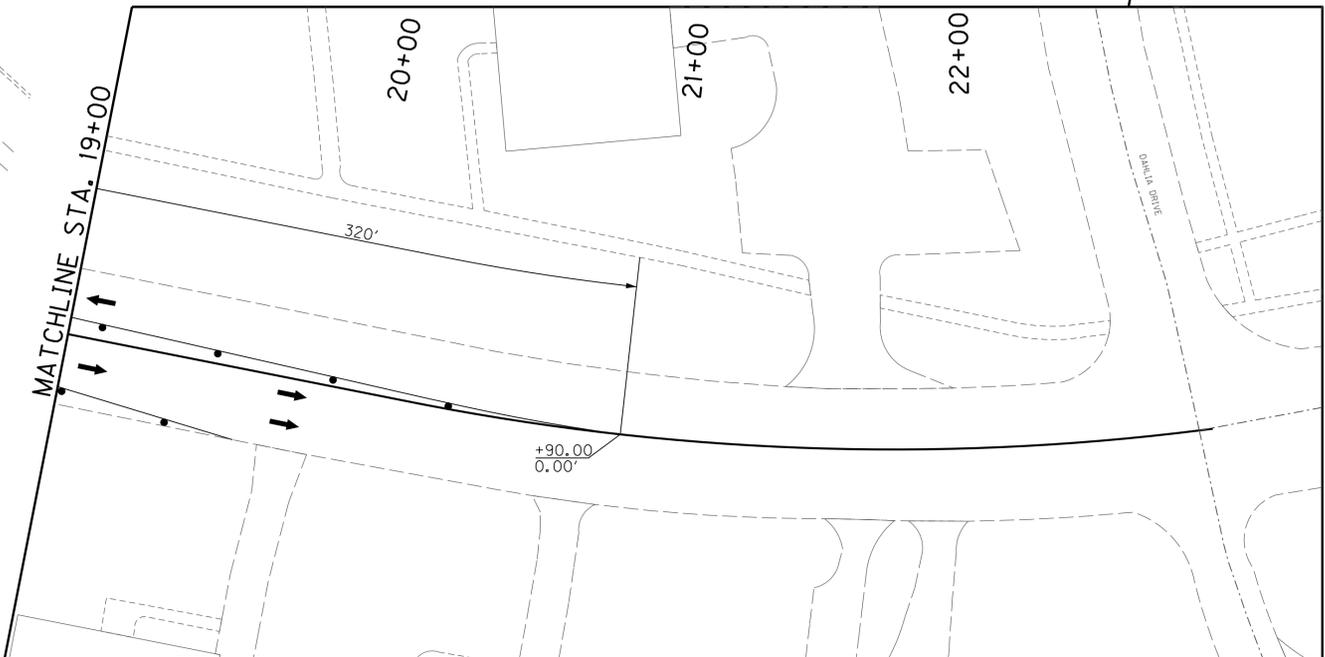
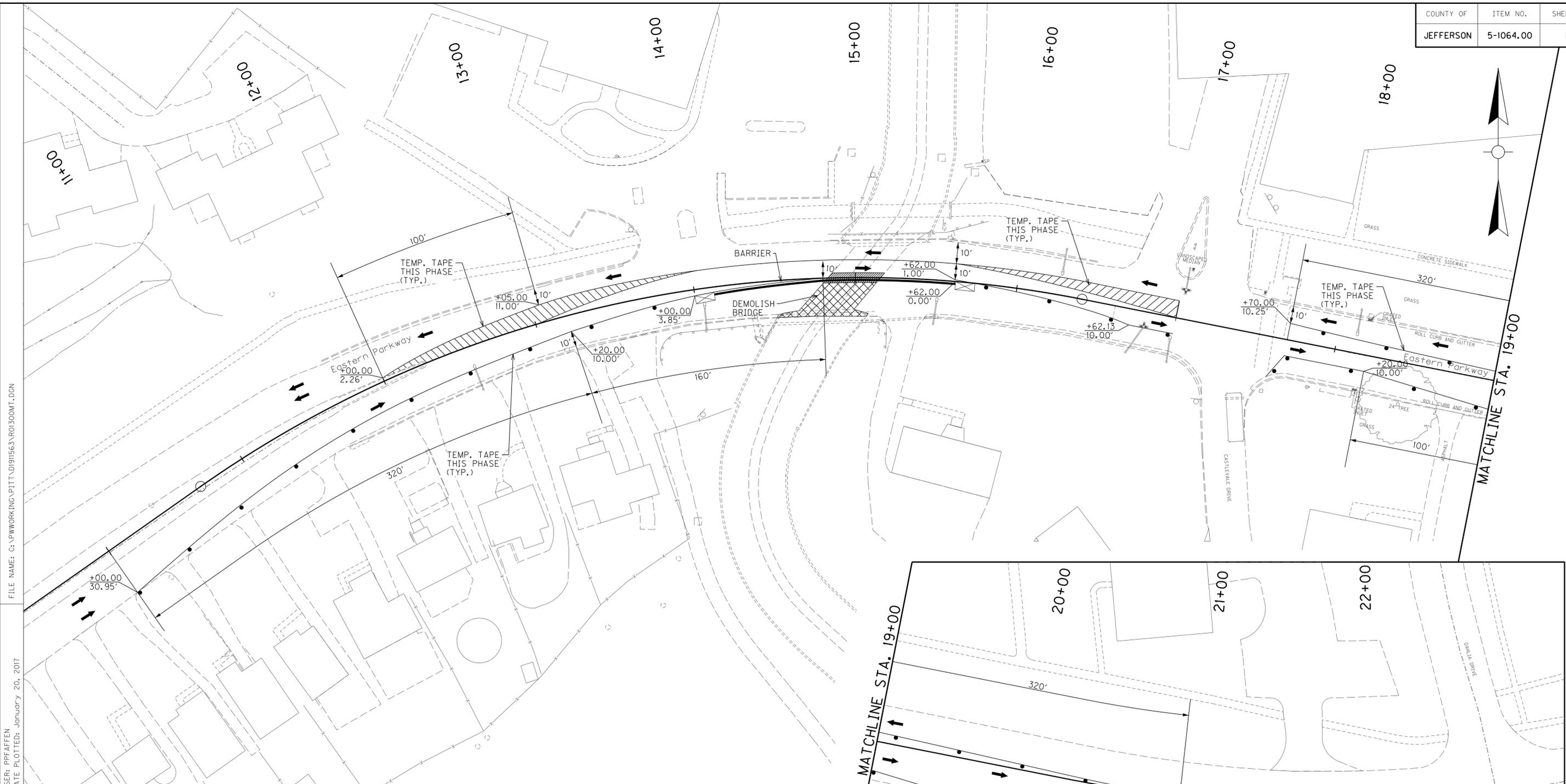
MAINTENANCE OF TRAFFIC
PHASE 1
SHEET 2 OF 2

FILE NAME: C:\PWORKING\PI\TT\DI91563\RO1200MT.DGN

USER: PPFaffen
DATE PLOTTED: January 20, 2017

E-SHEET NAME: RO1200MT

MicroStation v8.11.9.832



FILE NAME: C:\PWORKING\PI\TT\DI91563\RO1300MT.DGN
 USER: PPEAFFEN
 DATE PLOTTED: January 20, 2017
 E-SHEET NAME: RO1300MT
 MicroStation v8.11.9.832

MOT Quantities	
WATERBLAST STRIPE REMOVAL	= 3,600 LF
TEMP. TAPE, WHITE	= 2,091 LF
ITEMS PAID FOR IN PREVIOUS PHASE	
2 ARROW BOARDS	
150 LF OF TEMP. BARRIER WALL TYPE 9T	
2 CRASH CUSHION TYPE VI, CLASS B, TL2	

LEGEND

- CONSTRUCTION THIS PHASE
- CONCRETE GRAVITY BLOCK
- TEMP. TAPE PER MUTCD
- TRAFFIC THIS PHASE
- CHANNELIZING DEVICES
- CRASH CUSHION

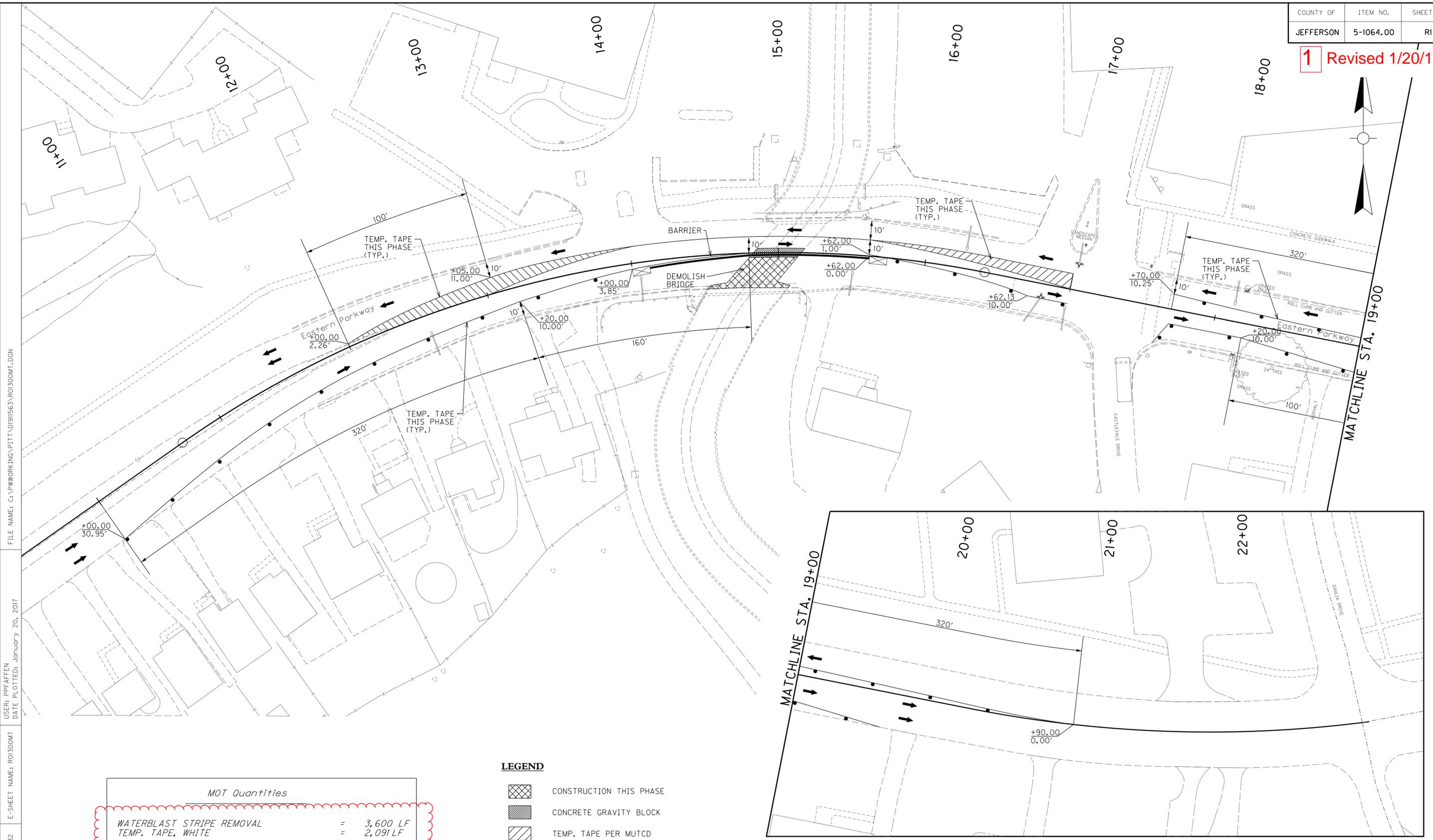
NOTES:

1. ADVANCE WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
2. 1' MINIMUM SEPARATION SHALL BE MAINTAINED BETWEEN THE BARRIER AND TRAVEL LANES.



SCALE: 1"=30'

1 Revised 1/20/17



FILE NAME: C:\PWORKING\PI\TT\DI91563\RO1300MT.DGN
 USER: PPEAFFEN
 DATE PLOTTED: January 20, 2017
 E-SHEET NAME: RO1300MT
 MicroStation v8.11.9.832

MOT Quantities	
WATERBLAST STRIPE REMOVAL	= 3,600 LF
TEMP. TAPE, WHITE	= 2,091 LF
ITEMS PAID FOR IN PREVIOUS PHASE	
2 ARROW BOARDS	
150 LF OF TEMP. BARRIER WALL TYPE 9T	
2 CRASH CUSHION TYPE VI, CLASS B, TL2	

1

LEGEND

- CONSTRUCTION THIS PHASE
- CONCRETE GRAVITY BLOCK
- TEMP. TAPE PER MUTCD
- TRAFFIC THIS PHASE
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NOTES:

1. ADVANCE WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
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SCALE: 1"=30'