Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

April 14, 2023

CALL NO. 328
CONTRACT ID NO. 231012
ADDENDUM # 1

Subject: Laurel County, FD04 063 0192 018-021
Letting April 27, 2023

(1) Added - Special Notes - Pages 38A-38K of 344
(2) Revised – Proposal Bid Items – Pages 337-344 of 344
(3) Revised - Plan Sheets - R2T-7, R2W-1, R3, R5, R7, R9, R11, R21, R23, R27, R29, R31, R33, R37, R39, R57, R85, R297, R299, R300, R318, R321, R326, R337, R345, R353, R356, R357, R373, R374, R375

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

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

Sincerely,

Rachel Mills,

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

RM:mr
Enclosures

SPECIAL NOTER FOR PIPE CLEANING

PART 1 -- GENERAL

1.01 SCOPE OF WORK

A. Furnish all labor, materials, equipment and incidentals required to clean all pipes, as specified herein.

B. Cleaning shall include the proper high pressure water jetting, rodding, snaking, bucketing, brushing and flushing of pipes prior to inspection by closed circuit television, pipeline rehabilitation, and testing operations.

C. Cleaning shall dislodge, transport and remove all sludge, mud, sand, gravel, rocks, bricks, grease, roots, sticks, and all other debris from the interior of the sewer pipe and structures as required for pipeline rehabilitation.

PART 2 -- PRODUCTS

2.01 MATERIALS

A. Hydraulically propelled Sewer Cleaning Equipment

1. Hydraulically propelled sewer cleaning equipment shall be the movable dam type constructed such that a portion of the dam may be collapsed during cleaning to prevent flooding of the sewer.

2. The movable dam shall be the same diameter as the pipe being cleaned and shall provide a flexible scraper around the outer periphery to ensure total removal of grease.

3. Contractor shall take precautions against flooding prior to using sewer cleaning balls or

other such equipment that cannot be collapsed instantly.

B. High Velocity Hydro-Cleaning Equipment shall have the following:

1. A minimum of 500-ft of high pressure hose.

2. Two or more high velocity nozzles capable of producing a scouring action from 15 to 45 degrees in all size lines to be cleaned.

3. A high velocity gun for washing and scouring manhole walls and floor.

4. Capability of producing flows from a fine spray to a long distance solid stream.

5. A water tank, auxiliary engines and pumps and a hydraulically driven hose reel.

6. Equipment operating controls located above ground.

C. Mechanical cleaning equipment for sewer mains shall be either power buckets or power rodders.

1. Bucket machines
a. Be furnished with buckets in pairs
b. Use V-belts for power transmission or have an overload device. No direct drive machines will be permitted.
c. Be equipped with a take up drum and a minimum of 500-ft of cable.
d. Have sufficient dragging power to perform the work efficiently.

2. Power rodding machine

a. Either sectional or continuous.

b. Hold a minimum of 750-ft of rod.

c. The machine shall have a positive rod drive to produce 2000 pounds of rod pull.

PART 3 -- EXECUTION

3.01 PERFORMANCE

A. Selection of cleaning equipment shall be based on the conditions of the structures and lines at the time the work commences based on the pre-construction CCTV inspection to be conducted by the Contractor under this Contract.

B. Use properly selected equipment to remove all dirt, grease, rock and other deleterious materials, and obstructions.

C. Protect existing lines from damage caused by improper use of cleaning equipment.

D. Take precautions to avoid damage or flooding to public or private property being served by the line being cleaned.

F. Removal of Materials

1. Remove all solids and semi-solids at the downstream opening of the section being cleaned.

2. Passing material from one section of a line to another will not be permitted; unless access to any one section of line cannot be achieved.

G. Remove from the site and properly dispose of all solids or semi-solids recovered during the cleaning operation.

H. No cleaning shall take place in a particular segment until all upstream pipe segments have been cleaned. If cleaning is done in a downstream pipe segment in order to facilitate overall cleaning operations, the segment shall be re-cleaned at no additional cost, after all pipes upstream of that segment have been cleaned.

3.02 FIELD QUALITY CONTROL

A. Acceptance of this portion of the work shall be dependent upon the results of the television inspection. Lines not acceptably clean as to permit television inspection and rehabilitation shall be re-cleaned and re-inspected at no additional cost to the Owner

B. Following cleaning, the Contractor shall inspect each section in accordance with the Special Note for Pipe Liner Acceptance Testing.

C. Upon the Engineer's final structure to structure inspection of the system, if any foreign matter is still present in the system, clean the sections and portions of the lines as required.

PART 4 – PAYMENT

Payment for cleaning of the pipes as detailed in the Pipe Drainage Summary will be made per linear foot as the price bid for CLEAN. The CLEAN bid item will be paid for the cleaning of all pipe sizes. Payment for CLEAN will be considered full compensation for all work, equipment, and incidentals necessary to clean the pipe in accordance with this note.

SPECIAL NOTE FOR PIPE LINER ACCEPTANCE TESTING

PART 1 -- GENERAL

1.01 SCOPE OF WORK

A. Furnish all necessary labor, materials, equipment, services and incidentals required to visually inspect by means of closed-circuit television (CCTV) designated pipe sections including, but not limited to, recording and playback equipment, materials and supplies.

B. The inspection shall be performed on one section (i.e. curb box inlet to curb box inlet) at a time. The section being inspected shall be suitably isolated from the remainder of the system.

C. Video recordings shall be made of the television inspections and copies of both the recordings and printed inspection logs shall be supplied to the Engineer.

D. Contractor may have to perform point repairs, remove obstructions or remove protruding service connections to complete pre-rehabilitation TV inspection.

PART 2 -- PRODUCTS

2.01 EQUIPMENT

A. The television camera used for inspection shall be one specifically designed and constructed for such inspection. Lighting for the camera shall be suitable to allow a clear picture for the entire periphery of the pipe. The camera shall be operative in 100 percent humidity conditions. The camera, television monitor and other components of the video system shall be capable of producing a minimum 500-line resolution color video picture. Picture quality and definition shall be to the satisfaction of the Engineer and if unsatisfactory, inspection shall be performed again with the appropriate changes made as designated by the Engineer at no additional cost to the Engineer. The television inspection equipment shall have an accurate footage counter that shall display on the monitor, the exact distance of the camera from the centerline of the starting manhole.

PART 3 -- EXECUTION

3.01 PROCEDURE

A. The camera shall be moved through the pipe in either direction at a uniform rate, stopping when necessary to ensure proper documentation of the pipe's condition but in no case will the television camera be pulled at a speed greater than 30 fpm. Manual winches, power winches, TV cable and powered rewinds or other devices that do not obstruct the camera view or interfere with proper documentation of the pipe conditions shall be used to move the camera through the line. If, during the inspection operation, the television camera will not pass through the entire section, the equipment shall be removed and repositioned in a manner so that the inspection can be performed from the opposite opening. All set-up costs for the inspection shall be included in the unit prices bid. If the camera fails to pass through the entire section, the Contractor shall perform point repairs as required or approved by the Engineer. Point repairs will be paid as each at the bid price for "PIPE REPAIR". The Contractor shall re-clean or further remove blockage after the point repairs at no additional cost to the Engineer.

B. Whenever non-remote powered and controlled winches are used to pull the television camera

through the line, telephones, radios, or other suitable means of communication shall be set up between the two openings of the line being inspected to ensure that good communications exist between members of the crew.

The camera height shall be adjusted such that the camera lens is always centered in the pipe being televised. Flow shall be controlled such that depth of flow shall not exceed 20% of pipe's diameter.

Lighting system shall be adequate for quality pictures.

3.02 RECORDING OF FIELD OBSERVATIONS

A. Television Inspection logs

1. Printed location records shall be kept which shall clearly show the location. In addition, other data of significance including joints, unusual conditions, roots, collapsed sections, or presence of scale and corrosion that the camera failed to pass through and reasons for the failure and other discernible features shall be recorded and annotated using the PACP system and a copy of such records shall be supplied to the Engineer.

B. Digital Recordings

1. The purpose of digital recording shall be to supply a visual and audio record of areas of interests of the pipe segments that may be replayed by the Engineer. Digital recording playback shall be at the same speed that it was recorded and shall be made in color. The Contractor shall be required to have all digital media and necessary playback equipment readily accessible for review by the Engineer during the project.

2. The Contractor shall perform CCTV inspection of each newly installed or rehabilitated pipe segment after testing and before re-introducing any flow into the pipe. Each test shall be witnessed by the Engineer.

3. The Contractor shall record each CCTV inspection on a DVD and submit such recordings to the Engineer as a prerequisite for Partial Utilization/Substantial Completion.

4. CCTV inspections shall be performed by a PACP certified and trained person.

5. Inspections shall include narration that notes the location and type of defects, if any.

6. At the completion of the project, the Contractor shall furnish all of the original digital recordings to the Engineer. Each disc shall be labeled as to its contents. Labels shall include the disc number, date televised, sewer segment reach designation, street location, and structure numbers on the disc. The Contractor shall keep a copy of the discs for 30 days after the final payment for the project, at which time the discs may be erased at the Contractor's option.

PART 4 – PAYMENT

Payment for both the video inspection prior to and after the Pipe Liners have been installed will be made as one lump sum payment as PIPE LINER ACCEPTANCE TESTING. Payment for PIPE LINER ACCEPTANCE TESTING will be considered full compensation for all work, equipment, and incidentals necessary to perform the video inspection in accordance with this note.

Payment for pipe point repairs will be made as each at the bid price for PIPE REPAIR. Payment for PIPE REPAIR will be considered full compensation for all work, equipment, and incidentals necessary to make point repairs as required and approved by the Engineer.

SPECIAL NOTE FOR PVC FOLD-AND-FORM PIPE LINER

I. GENERAL

A. SUMMARY

1. Section Includes: Definition of the approved methods and materials to rehabilitate gravity pipelines by the insertion of a continuously extruded, folded, PVC Fold-and-Form Pipe Liner into a conduit (host pipe), and the "blow-molding" (thermoforming) of the pipe liner to conform to the shape of the existing pipe. The pipe liner shall:

   a) Extend continuously from one access point to the next access point with no joints.

   b) Provide a tightly conforming fit against the inner wall of the host pipe.

   c) Definitions:

      (1) PVC Fold-and-Form Pipe Liner: A continuously extruded (joint-less), polyvinyl chloride (PVC) Pipe Liner that is shaped into a reduced form to facilitate insertion into existing pipelines or conduits. The Pipe Liner shall return to its extruded, round memory upon application of heat and pressure and form tightly against the host pipe by "blow molding" (thermoforming) techniques.

      (2) Host Pipe: An existing gravity pipeline or conduit to be internally rehabilitated by installation of the PVC Fold-and-Form Pipe Liner.

B. REFERENCES

1. Codes and standards referred to in this Special Note are:

   a) ASTM D 256: Standard Test Methods for Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.

   b) ASTM D 638: Standard Test Method for Tensile Properties of Plastics

   c) ASTM D 790: Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics

   d) ASTM D 1784: Standard Specification for Rigid Polyvinyl Chloride (PVC) Compounds and Chlorinated Polyvinyl Chloride (CPVC) Compounds

   e) ASTM D 2122: Standard Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings

   f) ASTM D 2152: Standard Test Method for Extrusion Quality using Acetone Immersion

   g) ASTM D 2444: Standard Test Method for Impact Strength

   h) ASTM F 1057: Standard Test Method for Extrusion Quality using Heat Reversion

   i) ASTM F 1504: Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe for Existing Sewer and Conduit rehabilitation

C. PIPE DESIGN AND DIMENSION

1. Submittals: The Contractor shall furnish engineering data covering materials and installation procedures.

2. Unless otherwise specified, the Contractor shall determine the minimum and maximum length of liner to effectively span the distance from the inlet to the outlet of the respective pipelines.

3. The pipe liner shall have a nominal outside diameter and minimum wall thickness based upon project parameters and the condition of the host pipe.

D. SAFETY

1. The CONTRACTOR shall conform to all safety requirements of pertinent regulatory agencies, and shall secure the site for the working conditions in compliance with the same. The CONTRACTOR shall erect signs and devices as are necessary for the safety of the work site.

2. The CONTRACTOR shall also provide all of the WORK in accordance with applicable OSHA standards. Emphasis shall be placed upon the requirements for entering confined spaces and working with steam.

II. PRODUCTS

A. MATERIAL SPECIFICATIONS:

1. The PVC Fold-and-Form Pipe Liner will be manufactured from virgin PVC Fold-and-Form Pipe Liner compound, containing no fillers, and meet or exceed the following minimum physical properties:

a) COMBUSTIBILITY: Self-Extinguishing

b) FLEXURAL MODULUS: ASTM D 790 280,000 PSI @73F

c) FLEXURAL STRENGTH: ASTM D 790 5,000 PSI @73F

d) IZOD IMPACT: ASTM D 256 1.5 FT-LB/IN

e) CHEMICAL RESISTANCE: suitable under general sanitary sewer conditions

2. CHARACTERISTICS: The PVC Fold-and-Form Pipe Liner shall be designed to meet the following installation performance requirements:

a) The Pipe Liner shall be capable of expanding a full pipe size larger than the nominal diameter (ex: 8” to 10”) without splitting, or rupturing with the understanding that the pipe liner dimension ratio will increase when so expanded.

b) After being expanded by “blow-molding”, the installed Pipe Liner will match the configuration of the host pipe.

c) The Pipe Liner shall be capable of negotiating pipe line bends in the host pipe without splitting, rupturing, or wrinkling of the pipe liner material.

d) The pipe liner shall be dimensionally stable after cool-down.

e) Processing of the pipe liner shall cause no degradation of the pipe liner physical properties.

3. MARKINGS: The pipe liner shall be marked at maximum five (5) foot intervals indicating ASTM D 1784 cell classification, manufacturer, and size (diameter and SDR). Each production lot will be uniquely coded.

4. DIMENSIONS:

a) The Pipe Liner outside diameter will be manufactured substantially smaller than the inside diameter of the host pipe. The pipe liner shall be manufactured with sufficient excess wall thickness to allow the pipe liner to meet or exceed the DR requirements after being expanded by "blow-molding" within the host pipe.

b) Unless otherwise specified, the Standard Dimension Ration (SDR) of 4" to 15" diameter Pipe Liner will be SDR 35. 18" to 36" Pipe Liner will be specified by wall thickness. The Pipe Liner will be continuously extruded (no joints) at the factory to the minimum length required to effectively span the distance between access points, in accordance with actual distances which shall be field verified by the Contractor prior to manufacturing.

B. MATERIAL TESTING: Each production lot of Pipe Liner will be inspected and tested at the time of manufacture for defects is accordance with ASTM D 2444, and ASTM D 2152. All pipe liners shall conform to the specified dimensions. Material design properties shall be confirmed in accordance with ASTM D 790.

III. EXECUTION

A. HOST PIPE PREPARATION

1. The existing pipeline shall be cleaned of any obstructions and televised using CCTV immediately prior to installation of the pipe liner. The host pipe condition shall be acceptable to the ENGINEER as appropriate for lining prior to the insertion of the pipe Liner.

2. Prior to beginning the insertion of the pipe liner, the CONTRACTOR shall confirm that the host pipe is adequately cleaned.

B. INSTALLATION PROCEDURES:

1. The pipe liner manufacturer's installation instructions and procedures shall be followed during installation.

2. Point Repairs

a) Point repairs and obstruction removals shall be completed, as necessary, in order to enable lining.

3. Liner Insertion

a) The entrance to the host pipe shall be covered so as to provide a smooth surface to prevent damage to the Pipe Liner.

b) The Pipe Liner shall be positioned to enable it to naturally curve into the access point and the host pipe.

c) The insertion end of the Pipe Liner shall be sealed to inhibit fluids and solids form entering the lumen of the Pipe Liner.

d) Insert the Pipe Liner into the entry access point. Slowly feed the Pipe Liner from the supply reel, while simultaneously pulling the Pipe Liner at the exit access point, to minimize tension on the Pipe Liner. Maintain two-way communication between personnel at entry and exit access points to coordinate the rate of Pipe Liner supply and pulling operations.

e) Use a power winch and a steel cable connected to the pulling head as recommended by the manufacturer to advance the Pipe Liner.

4. Pipe Liner Processing and "Blow-Molding":

a) Process and "blow-mold" the PVC Fold and-Form Pipe Liner in accordance with the manufacturer's instructions for heating and expanding the Pipe Liner. Upon completion of processing and "blow-molding", the Pipe Liner shall fit tightly against the inside wall of the host pipe and be locked into the joints of the host pipe, if possible.

b) Temperature and pressure gauges shall be used at the insertion and termination access points to monitor internal conditions during Pipe Liner processing and "blow-molding".

c) Introduce pressurized steam to heat and relax the Pipe Liner in strict accordance with the recommendations of the Pipe Liner manufacturer.

d) Continue the application of steam while introducing compressed air to increase internal pressure on the Pipe Liner as recommended by the manufacturer. DO NOT ALLOW PRESSURE TO EXCEED 12 PSI, AS DAMAGE MAY OCCUR TO HOST PIPE.

e) Discontinue the use of steam while continuing the use of compressed air to maintain the internal pressure. Allow the Pipe Liner to cool below 100 F before releasing pressure.

5. Liner Termination:

a) During the pulling in place and "blow-molding" process, the PVC liner shall form a bell shape at each end effectively locking the liner in place.

IV. PAYMENT

A. Payment for PVC Fold and Form Pipe Liners will be made per linear foot as

1. PVC FOLD AND FORM PIPE LINER – 12 IN - ITEM 24860EC
2. PVC FOLD AND FORM PIPE LINER – 15 IN - ITEM 24861EC
3. PVC FOLD AND FORM PIPE LINER – 18 IN - ITEM 24862EC
4. PVC FOLD AND FORM PIPE LINER – 24 IN - ITEM 24863EC
5. PVC FOLD AND FORM PIPE LINER – 30 IN - ITEM 24864EC
6. PVC FOLD AND FORM PIPE LINER – 36 IN - ITEM 24865EC

B. Payment will be considered full compensation for all work, equipment, and incidentals necessary to install the pipe liners in accordance with this note.

PROPOSAL BID ITEMS

Report Date 4/14/23

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	34,353.00	TON		$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	1,798.00	TON		$	
0030	00100		ASPHALT SEAL AGGREGATE	138.00	TON		$	
0040	00103		ASPHALT SEAL COAT	17.00	TON		$	
0050	00190		LEVELING & WEDGING PG64-22	18,984.00	TON		$	
0060	00194		LEVELING & WEDGING PG76-22	541.00	TON		$	
0070	00205		CL3 ASPH BASE 1.50D PG64-22	33,849.00	TON		$	
0080	00212		CL2 ASPH BASE 1.00D PG64-22	6,596.00	TON		$	
0090	00214		CL3 ASPH BASE 1.00D PG64-22	6,568.00	TON		$	
0100	00216		CL3 ASPH BASE 1.00D PG76-22	18,511.00	TON		$	
0110	00336		CL3 ASPH SURF 0.38A PG76-22	8,442.00	TON		$	
0120	00339		CL3 ASPH SURF 0.38D PG64-22	1,669.00	TON		$	
0130	00356		ASPHALT MATERIAL FOR TACK	127.00	TON		$	
0140	02101		CEM CONC ENT PAVEMENT-8 IN	1,367.00	SQYD		$	
0150	02107		BREAKING AND SEATING PAVEMENT	56,111.00	SQYD		$	
0160	02603		FABRIC-GEOTEXTILE CLASS 2	59,889.00	SQYD		$	
0170	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		$	
0180	02677		ASPHALT PAVE MILLING & TEXTURING	4,344.00	TON		$	
0190	20071EC		JOINT ADHESIVE	105,924.00	LF		$	
0200	24685EC		CL2 ASPH SURF 0.38A PG64-22	2,652.00	TON		$	
0210	24780EC		INTELLIGENT COMPACTION FOR AGGREGATE	34,353.00	TON		$	
0220	24781EC		INTELLIGENT COMPACTION FOR ASPHALT	89,575.00	TON		$	
0230	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	1,398,114.00	SF		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0240	01691		FLUME INLET TYPE 2	9.00	EACH		$	
0250	01810		STANDARD CURB AND GUTTER	18,513.00	LF		$	
0260	01811		STANDARD CURB AND GUTTER MOD	35,945.00	LF		$	
0270	01820		LIP CURB AND GUTTER	131.00	LF		$	
0280	01875		STANDARD HEADER CURB	2,408.00	LF		$	
0290	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	121.00	EACH		$	
0300	02014		BARRICADE-TYPE III	12.00	EACH		$	
0310	02091		REMOVE PAVEMENT	1,487.00	SQYD		$	
0320	02230		EMBANKMENT IN PLACE	110,768.00	CUYD		$	
0330	02242		WATER	5,438.00	MGAL		$	
0340	02262		FENCE-WOVEN WIRE TYPE 1	76.00	LF		$	
0350	02351		GUARDRAIL-STEEL W BEAM-S FACE	5,950.00	LF		$	
0360	02367		GUARDRAIL END TREATMENT TYPE 1	10.00	EACH		$	
0370	02369		GUARDRAIL END TREATMENT TYPE 2A	5.00	EACH		$	
0380	02381		REMOVE GUARDRAIL	267.00	LF		$	
0390	02391		GUARDRAIL END TREATMENT TYPE 4A	3.00	EACH		$	
0400	02429		RIGHT-OF-WAY MONUMENT TYPE 1	13.00	EACH		$	

231012

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02430		RIGHT-OF-WAY MONUMENT TYPE 1A	6.00	EACH		$	
0420	02432		WITNESS POST	38.00	EACH		$	
0430	02545		CLEARING AND GRUBBING 86.96 ACRES	1.00	LS		$	
0440	02551		CONCRETE-CLASS A FOR STEPS	1.88	CUYD		$	
0450	02555		CONCRETE-CLASS B	229.80	CUYD		$	
0460	02562		TEMPORARY SIGNS	1,691.00	SQFT		$	
0470	02575		DITCHING AND SHOULDERING	2,370.00	LF		$	
0480	02585		EDGE KEY	129.00	LF		$	
0490	02602		FABRIC-GEOTEXTILE CLASS 1	734.00	SQYD		$	
0500	02612		HANDRAIL-TYPE A-2	232.00	LF		$	
0510	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0520	02654		TRUCK MOUNTED ATTENUATOR	1.00	EACH		$	
0530	02671		PORTABLE CHANGEABLE MESSAGE SIGN	10.00	EACH		$	
0540	02690		SAFELOADING	29.00	CUYD		$	
0550	02701		TEMP SILT FENCE	13,640.00	LF		$	
0560	02703		SILT TRAP TYPE A	106.00	EACH		$	
0570	02704		SILT TRAP TYPE B	106.00	EACH		$	
0580	02705		SILT TRAP TYPE C	106.00	EACH		$	
0590	02706		CLEAN SILT TRAP TYPE A	106.00	EACH		$	
0600	02707		CLEAN SILT TRAP TYPE B	106.00	EACH		$	
0610	02708		CLEAN SILT TRAP TYPE C	106.00	EACH		$	
0620	02720		SIDEWALK-4 IN CONCRETE	3,276.00	SQYD		$	
0630	02726		STAKING	1.00	LS		$	
0640	02775		ARROW PANEL	5.00	EACH		$	
0650	04953		TEMP RELOCATION OF SIGNAL HEAD	21.00	EACH		$	
0660	05950		EROSION CONTROL BLANKET	16,466.00	SQYD		$	
0670	05952		TEMP MULCH	283,360.00	SQYD		$	
0680	05953		TEMP SEEDING AND PROTECTION	218,771.00	SQYD		$	
0690	05963		INITIAL FERTILIZER	13.90	TON		$	
0700	05964		MAINTENANCE FERTILIZER	9.10	TON		$	
0710	05985		SEEDING AND PROTECTION	218,053.00	SQYD		$	
0720	05989		SPECIAL SEEDING CROWN VETCH	40,248.00	SQYD		$	
0730	05992		AGRICULTURAL LIMESTONE	146.30	TON		$	
0740	05997		TOPSOIL FURNISHED AND PLACED	982.00	CUYD		$	
0750	06510		PAVE STRIPING-TEMP PAINT-4 IN	51,993.00	LF		$	
0760	06511		PAVE STRIPING-TEMP PAINT-6 IN	229,214.00	LF		$	
0770	06514		PAVE STRIPING-PERM PAINT-4 IN	51,112.00	LF		$	
0780	06516		PAVE STRIPING-PERM PAINT-8 IN	954.00	LF		$	
0790	06530		PAVE STRIPING REMOVAL-4 IN	39,816.00	LF		$	
0800	06531		PAVE STRIPING REMOVAL-6 IN	96,144.00	LF		$	
0810	06542		PAVE STRIPING-THERMO-6 IN W	48,174.00	LF		$	
0820	06543		PAVE STRIPING-THERMO-6 IN Y	25,814.00	LF		$	
0830	06546		PAVE STRIPING-THERMO-12 IN W	5,256.00	LF		$	
0840	06547		PAVE STRIPING-THERMO-12 IN Y	689.00	LF		$	
0850	06550		PAVE STRIPING-TEMP REM TAPE-W	1,000.00	LF		$	
0860	06551		PAVE STRIPING-TEMP REM TAPE-Y	1,000.00	LF		$	
0870	06565		PAVE MARKING-THERMO X-WALK-6 IN	2,288.00	LF		$	
0880	06566		PAVE MARKING-THERMO X-WALK-12 IN	526.00	LF		$	
0890	06567		PAVE MARKING-THERMO STOP BAR-12IN	132.00	LF		$	

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0900	06568		PAVE MARKING-THERMO STOP BAR-24IN	1,779.00	LF		$	
0910	06570		PAVE MARKING-PAINT CROSS-HATCH	1,870.00	SQFT		$	
0920	06573		PAVE MARKING-THERMO STR ARROW	3.00	EACH		$	
0930	06574		PAVE MARKING-THERMO CURV ARROW	231.00	EACH		$	
0940	06575		PAVE MARKING-THERMO COMB ARROW	15.00	EACH		$	
0950	06576		PAVE MARKING-THERMO ONLY	4.00	EACH		$	
0960	06600		REMOVE PAVEMENT MARKER TYPE V	793.00	EACH		$	
0970	06610		INLAID PAVEMENT MARKER-MW	786.00	EACH		$	
0980	06611		INLAID PAVEMENT MARKER-MY	280.00	EACH		$	
0990	06612		INLAID PAVEMENT MARKER-BY	58.00	EACH		$	
1000	06613		INLAID PAVEMENT MARKER-B W/R	62.00	EACH		$	
1010	06614		INLAID PAVEMENT MARKER-B Y/R	1.00	EACH		$	
1020	08001		STRUCTURE EXCAVATION-COMMON	195.00	CUYD		$	
1030	08100		CONCRETE-CLASS A	987.86	CUYD		$	
1040	08150		STEEL REINFORCEMENT	386.00	LB		$	
1050	10020NS		FUEL ADJUSTMENT	184,160.00	DOLL	$1.00	$	$184,160.00
1060	10030NS		ASPHALT ADJUSTMENT	383,414.00	DOLL	$1.00	$	$383,414.00
1070	20191ED		OBJECT MARKER TY 3	10.00	EACH		$	
1080	20362ES403		SHOULDER RUMBLE STRIPS-SAWED	10,308.00	LF		$	
1090	20550ND		SAWCUT PAVEMENT	30,963.00	LF		$	
1100	21289ED		LONGITUDINAL EDGE KEY	848.00	LF		$	
1110	23010EN		PAVE MARK TEMP PAINT STOP BAR-24 IN	2,239.00	LF		$	
1120	23158ES505		DETECTABLE WARNINGS	1,239.00	SQFT		$	
1130	23274EN11F		TURF REINFORCEMENT MAT 1	15,650.00	SQYD		$	
1140	23275EN11F		TURF REINFORCEMENT MAT 2	262.00	SQYD		$	
1150	23276EN11F		TURF REINFORCEMENT MAT 3	33.00	SQYD		$	
1160	23277EN11F		TURF REINFORCEMENT MAT 4	45.00	SQYD		$	
1170	23745EC		YIELD LINES 9.	24.00	EACH		$	
1180	23875NC		REMOVE THERMOPLASTIC ARROWS	4.00	EACH		$	
1190	24109EC		BARRIER CURB AND GUTTER-MOD	709.00	LF		$	
1200	24540		R/W MONUMENT TYPE 3	82.00	EACH		$	
1210	24541		R/W MONUMENT TYPE 3A	16.00	EACH		$	
1220	24596EN		GRANULAR BACKFILL	81.00	CUYD		$	
1230	24679ED		PAVE MARK THERMO CHEVRON	141.00	SQFT		$	
1240	24889EC		PAVE MARKING-THERMO U-TURN	2.00	EACH		$	

Section: 0003 - ROADWAY- PARKING LOT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1250	00003		CRUSHED STONE BASE	600.00	TON		$	
1260	00103		ASPHALT SEAL COAT	1.60	TON		$	
1270	00212		CL2 ASPH BASE 1.00D PG64-22	285.00	TON		$	
1280	00522		STORM SEWER PIPE-18 IN	153.00	LF		$	
1290	01310		REMOVE PIPE	25.00	LF		$	
1300	01459		CURB BOX INLET TYPE A MOD	3.00	EACH		$	
1310	01642		JUNCTION BOX-18 IN	1.00	EACH		$	
1320	01718		REMOVE INLET	1.00	EACH		$	
1330	01811		STANDARD CURB AND GUTTER MOD	1,362.00	LF		$	

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1340	01812		REMOVE CURB AND GUTTER	996.00	LF		$	
1350	02091		REMOVE PAVEMENT	2,939.00	SQYD		$	
1360	02460		REMOVE TREES OR STUMPS	8.00	EACH		$	
1370	02720		SIDEWALK-4 IN CONCRETE	34.00	SQYD		$	
1380	05990		SODDING	1,074.00	SQYD		$	
1390	06406		SBM ALUM SHEET SIGNS .080 IN	201.00	SQFT		$	
1400	06410		STEEL POST TYPE 1	63.00	LF		$	
1410	06540		PAVE STRIPING-THERMO-4 IN W	644.00	LF		$	
1420	06541		PAVE STRIPING-THERMO-4 IN Y	3,965.00	LF		$	
1430	06567		PAVE MARKING-THERMO STOP BAR-12IN	120.00	LF		$	
1440	06574		PAVE MARKING-THERMO CURV ARROW	11.00	EACH		$	
1450	06576		PAVE MARKING-THERMO ONLY	1.00	EACH		$	
1460	20550ND		SAWCUT PAVEMENT	1,054.00	LF		$	
1470	21373ND		REMOVE SIGN	3.00	EACH		$	
1480	22664EN		WATER BLASTING EXISTING STRIPE	5,524.00	LF		$	
1490	23793EC		CONNECT TO EXIST CULVERT	1.00	EACH		$	
1500	23794EC		CONNECT TO STORM SEWER STRUCTURE	1.00	EACH		$	
1510	24685EC		CL2 ASPH SURF 0.38A PG64-22	150.00	TON		$	
1520	40048		TOPSOILING-4 IN THICK OBTAINED ON SITE	1,074.00	SQYD		$	

Section: 0004 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1530	00078		CRUSHED AGGREGATE SIZE NO 2	40.00	TON		$	
1540	00462		CULVERT PIPE-18 IN	273.00	LF		$	
1550	00464		CULVERT PIPE-24 IN	380.00	LF		$	
1560	00466		CULVERT PIPE-30 IN	28.00	LF		$	
1570	00499		CULVERT PIPE-48 IN EQUIV	57.00	LF		$	
1580	00520		STORM SEWER PIPE-12 IN	169.00	LF		$	
1590	00521		STORM SEWER PIPE-15 IN	6,720.00	LF		$	
1600	00522		STORM SEWER PIPE-18 IN	6,270.00	LF		$	
1610	00523		STORM SEWER PIPE-21 IN	297.00	LF		$	
1620	00524		STORM SEWER PIPE-24 IN	1,331.00	LF		$	
1630	00526		STORM SEWER PIPE-30 IN	712.00	LF		$	
1640	00528		STORM SEWER PIPE-36 IN	855.00	LF		$	
1650	00533		STORM SEWER PIPE-66 IN	17.00	LF		$	
1660	00535		STORM SEWER PIPE-78 IN	64.00	LF		$	
1670	00556		STORM SEWER PIPE-30 IN EQUIV	259.00	LF		$	
1680	01000		PERFORATED PIPE-4 IN	27,754.00	LF		$	
1690	01005		PERFORATED PIPE EDGE DRAIN-4 IN	380.00	LF		$	
1700	01010		NON-PERFORATED PIPE-4 IN	1,566.00	LF		$	
1710	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		$	
1720	01020		PERF PIPE HEADWALL TY 1-4 IN	9.00	EACH		$	
1730	01024		PERF PIPE HEADWALL TY 2-4 IN	5.00	EACH		$	
1740	01028		PERF PIPE HEADWALL TY 3-4 IN	22.00	EACH		$	
1750	01032		PERF PIPE HEADWALL TY 4-4 IN	4.00	EACH		$	
1760	01208		PIPE CULVERT HEADWALL-24 IN	3.00	EACH		$	
1770	01210		PIPE CULVERT HEADWALL-30 IN	7.00	EACH		$	

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1780	01212		PIPE CULVERT HEADWALL-36 IN	2.00	EACH		$	
1790	01217		PIPE CULVERT HEADWALL-48 IN EQUIV	2.00	EACH		$	
1800	01222		PIPE CULVERT HEADWALL-66 IN	1.00	EACH		$	
1810	01310		REMOVE PIPE	13.00	LF		$	
1820	01428		SLOPED BOX OUTLET TYPE 1-12 IN	1.00	EACH		$	
1830	01432		SLOPED BOX OUTLET TYPE 1-15 IN	3.00	EACH		$	
1840	01433		SLOPED BOX OUTLET TYPE 1-18 IN	11.00	EACH		$	
1850	01434		SLOPED BOX OUTLET TYPE 1-24 IN	5.00	EACH		$	
1860	01452		S & F BOX INLET-OUTLET-30 IN	2.00	EACH		$	
1870	01453		S & F BOX INLET-OUTLET-36 IN	1.00	EACH		$	
1880	01456		CURB BOX INLET TYPE A	72.00	EACH		$	
1890	01480		CURB BOX INLET TYPE B	26.00	EACH		$	
1900	01490		DROP BOX INLET TYPE 1	4.00	EACH		$	
1910	01496		DROP BOX INLET TYPE 3	1.00	EACH		$	
1920	01511		DROP BOX INLET TYPE 5D	6.00	EACH		$	
1930	01514		DROP BOX INLET TYPE 5E	9.00	EACH		$	
1940	01517		DROP BOX INLET TYPE 5F	6.00	EACH		$	
1950	01544		DROP BOX INLET TYPE 11	14.00	EACH		$	
1960	01547		DROP BOX INLET TYPE 12	100.00	LF		$	
1970	01559		DROP BOX INLET TYPE 13G	119.00	EACH		$	
1980	01568		DROP BOX INLET TYPE 13S	26.00	EACH		$	
1990	01577		DROP BOX INLET TYPE 14	5.00	EACH		$	
2000	01580		DROP BOX INLET TYPE 15	3.00	EACH		$	
2010	01650		JUNCTION BOX	9.00	EACH		$	
2020	01740		CORED HOLE DRAINAGE BOX CON-4 IN	164.00	EACH		$	
2030	01756		MANHOLE TYPE A	9.00	EACH		$	
2040	01761		MANHOLE TYPE B	1.00	EACH		$	
2050	01767		MANHOLE TYPE C	9.00	EACH		$	
2060	01789		RECONSTRUCT MANHOLE	5.00	EACH		$	
2070	01791		ADJUST MANHOLE FRAME TO GRADE	7.00	EACH		$	
2080	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	43,331.00	SQYD	$2.00	$	$86,662.00
2090	03262		CLEAN PIPE STRUCTURE	5.00	EACH		$	
2100	03387		PVC PIPE-8 IN	8.00	LF		$	
2110	03389		PVC PIPE-10 IN	8.00	LF		$	
2120	24860EC		PVC FOLD AND FORM PIPE LINER-12 IN (ADDED 4-14-23)	67.00	LF		$	
2130	24863EC		PVC FOLD AND FORM PIPE LINER-24 IN (ADDED 4-14-23)	490.00	LF		$	
2140	24861EC		PVC FOLD AND FORM PIPE LINER-15 IN (ADDED 4-14-23)	731.00	LF		$	
2150	24862EC		PVC FOLD AND FORM PIPE LINER-18 IN (ADDED 4-14-23)	1,259.00	LF		$	
2160	26190EC		PVC FOLD AND FORM PIPE LINER-21 IN (ADDED 4-14-23)	61.00	LF		$	
2170	24864EC		PVC FOLD AND FORM PIPE LINER-30 IN (ADDED 4-14-23)	690.00	LF		$	
2180	24865EC		PVC FOLD AND FORM PIPE LINER-36 IN (ADDED 4-14-23)	142.00	LF		$	
2190	22767ES710		DROP BOX INLET TY 6E	3.00	EACH		$	
2200	23793EC		CONNECT TO EXIST CULVERT	59.00	EACH		$	
2210	23794EC		CONNECT TO STORM SEWER STRUCTURE	6.00	EACH		$	

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2220	24575ES610		HEADWALL PIPE CULVERT HEADWALL-78 IN.	1.00	EACH		$	
2230	24814EC		PIPELINE INSPECTION	16,514.00	LF		$	

Section: 0005 - BRIDGE- CULVERT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2240	02403		REMOVE CONCRETE MASONRY	1.20	CUYD		$	
2250	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		$	
2260	08003		FOUNDATION PREPARATION	1.00	LS		$	
2270	08100		CONCRETE-CLASS A	91.30	CUYD		$	
2280	08150		STEEL REINFORCEMENT	13,029.00	LB		$	

Section: 0006 - SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2290	15011		S DIRECTIONAL BORE	40.00	LF		$	
2300	15017		S ENCASEMENT STEEL BORED RANGE 4	84.00	LF		$	
2310	15018		S ENCASEMENT STEEL BORED RANGE 5	525.00	LF		$	
2320	15057		S FORCE MAIN PVC 02 INCH	180.00	LF		$	
2330	15061		S FORCE MAIN PVC 08 INCH	1,660.00	LF		$	
2340	15063		S FORCE MAIN PVC 12 INCH	1,660.00	LF		$	
2350	15071		S FORCE MAIN TIE-IN 02 INCH	2.00	EACH		$	
2360	15075		S FORCE MAIN TIE-IN 08 INCH	4.00	EACH		$	
2370	15077		S FORCE MAIN TIE-IN 12 INCH	4.00	EACH		$	
2380	15091		S LATERAL SPECIAL	4.00	EACH		$	
2390	15092		S MANHOLE	28.00	EACH		$	
2400	15093		S MANHOLE ABANDON/REMOVE	16.00	EACH		$	
2410	15099		S MANHOLE TAP EXISTING	4.00	EACH		$	
2420	15112		S PIPE PVC 08 INCH	2,400.00	LF		$	
2430	15114		S PIPE PVC 12 INCH	300.00	LF		$	
2440	15120		S SPECIAL ITEM	2.00	EACH		$	

Section: 0007 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2450	06406		SBM ALUM SHEET SIGNS .080 IN	1,041.00	SQFT		$	
2460	06407		SBM ALUM SHEET SIGNS .125 IN	235.00	SQFT		$	
2470	06411		STEEL POST TYPE 2	2,645.00	LF		$	
2480	20418ED		REMOVE & RELOCATE SIGNS	17.00	EACH		$	
2490	21373ND		REMOVE SIGN	8.00	EACH		$	
2500	24631EC		BARCODE SIGN INVENTORY	271.00	EACH		$	

Section: 0008 - SIGNALIZATION

231012

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2510	04780		FUSED CONNECTOR KIT	35.00	EACH		$	
2520	04820		TRENCHING AND BACKFILLING	675.00	LF		$	
2530	04845		CABLE-NO. 14/7C	21,300.00	LF		$	
2540	04886		MESSENGER-15400 LB	3,945.00	LF		$	
2550	04892		MESSENGER-26900 LB	800.00	LF		$	
2560	04932		INSTALL STEEL STRAIN POLE	32.00	EACH		$	
2570	04953		TEMP RELOCATION OF SIGNAL HEAD	104.00	EACH		$	
2580	06472		INSTALL SPAN MOUNTED SIGN	8.00	EACH		$	
2590	20093NS835		INSTALL PEDESTRIAN HEAD-LED	28.00	EACH		$	
2600	20188NS835		INSTALL LED SIGNAL-3 SECTION	67.00	EACH		$	
2610	20266ES835		INSTALL LED SIGNAL- 4 SECTION	48.00	EACH		$	
2620	20390NS835		INSTALL COORDINATING UNIT	5.00	EACH		$	
2630	21543EN		BORE AND JACK CONDUIT	190.00	LF		$	
2640	21743NN		INSTALL PEDESTRIAN DETECTOR	28.00	EACH		$	
2650	23068NN		REMOVE & REINSTALL COORDINATING UNIT	3.00	EACH		$	
2660	23157EN		TRAFFIC SIGNAL POLE BASE	148.00	CUYD		$	
2670	23222EC		INSTALL SIGNAL PEDESTAL	10.00	EACH		$	
2680	23235EC		INSTALL PEDESTAL POST	4.00	EACH		$	
2690	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	1,010.00	LF		$	
2700	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	8.00	EACH		$	
2710	24955ED		REMOVE SIGNAL EQUIPMENT	6.00	EACH		$	
2720	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	32.00	EACH		$	
2730	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH		$	

Section: 0009 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2740	14003		W CAP EXISTING MAIN	29.00	EACH		$	
2750	14004		W DIRECTIONAL BORE	652.00	LF		$	
2760	14006		W ENCASEMENT STEEL BORED RANGE 1	57.00	LF		$	
2770	14009		W ENCASEMENT STEEL BORED RANGE 4	467.00	LF		$	
2780	14010		W ENCASEMENT STEEL BORED RANGE 5	109.00	LF		$	
2790	14017		W ENCASEMENT STEEL OPEN CUT RANGE 6	56.00	LF		$	
2800	14019		W FIRE HYDRANT ASSEMBLY	12.00	EACH		$	
2810	14031		W METER VAULT	22.00	EACH		$	
2820	14032		W METER/FIRE SERVICE COMBO VAULT	1.00	EACH		$	
2830	14056		W PIPE PVC 02 INCH	221.00	LF		$	
2840	14059		W PIPE PVC 06 INCH	128.00	LF		$	
2850	14060		W PIPE PVC 08 INCH	6,720.00	LF		$	
2860	14062		W PIPE PVC 12 INCH	165.00	LF		$	
2870	14063		W PIPE PVC 16 INCH	150.00	LF		$	
2880	14089		W TAPPING SLEEVE AND VALVE SIZE 1	2.00	EACH		$	
2890	14090		W TAPPING SLEEVE AND VALVE SIZE 2	2.00	EACH		$	
2900	14091		W TIE-IN 02 INCH	4.00	EACH		$	
2910	14094		W TIE-IN 06 INCH	4.00	EACH		$	
2920	14095		W TIE-IN 08 INCH	18.00	EACH		$	

231012

PROPOSAL BID ITEMS

Report Date 4/14/23

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2930	14102		W VALVE 02 INCH	6.00	EACH		$	
2940	14105		W VALVE 06 INCH	3.00	EACH		$	
2950	14106		W VALVE 08 INCH	25.00	EACH		$	
2960	14109		W VALVE 16 INCH	1.00	EACH		$	
2970	14145		W SERV COPPER LONG SIDE 1 IN	5.00	EACH		$	
2980	14147		W SERV COPPER LONG SIDE 2 IN	1.00	EACH		$	
2990	14148		W SERV COPPER LONG SIDE 3/4 IN	2.00	EACH		$	
3000	14150		W SERV COPPER SHORT SIDE 1-1/2 IN	1.00	EACH		$	
3010	14151		W SERV COPPER SHORT SIDE 2 IN	4.00	EACH		$	
3020	14152		W SERV COPPER SHORT SIDE 3/4 IN	13.00	EACH		$	
3030	14158		W BLOWOFF ASSEMBLY Laurel	1.00	EACH		$	

Section: 0010 - MOBILIZATION AND/OR DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
3040	02568		MOBILIZATION	1.00	LS		$	
3050	02569		DEMOBILIZATION	1.00	LS		$	

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R2T-7

REVISED 4/11/2023

PIPE SUMMARY

SHEET NO.			PVC FOLD AND FORM PIPE LINER							CLEAN PIPE STRUCTURE	REMARKS
			12"	15"	18"	21"	24"	30"	36"		
	ITEM CODE		24860EC	24861EC	24862EC	26190EC	24863EC	24864EC	24865EC	3262	
	UNIT TO BID		LF	LF	LF	LF	LF	LF	LF	EACH	
	KY 192										
R294	HDWL 1101+99.05 Lt	HDWL 1101+47.00 Rt								1	Clean entire length of Ex. Double 10'x7' RCBC (Approx. 260 L.F.)
R297	EX. DBI 992+28.53 Rt	EX. DBI 995+89.66 Rt		44	221						
	DBI 992+90.00 Rt	EX. DBI 993+56.46 Lt			162						
N/A	EX. HDWL 996+87.13 Rt	EX. CBI 997+11.76 Rt		54							See sheet R5 for plan location
N/A	EX. CBI 1001+09.08 Lt	EX. HDWL 1000+93.12 Rt		163							See sheets R5 & R7 for plan location
N/A	EX. CBI 1007+39.94 Lt	EX. HDWL 1007+56.71 Lt			41						See sheet R9 for plan location
R299	HDWL 1010+55.57 Lt	EX. DBI 1011+97.96 Lt		124							
N/A	EX. DBI 1011+97.96 Lt	EX. HDWL 1013+29.26 Lt		51	26	61					See sheets R9 & R11 for plan location
N/A	EX. MH 1011+07.85 Lt				232						Outlet unknown, assumed length for PVC Liner. See sheet R11 for plan location.
R300	DBI 1013+00.00 Lt	EX. DBI 1012+56.84 Rt					165				
	HDWL 1013+72.83 Lt		67								Inlet unknown, assumed length for PVC Liner
R304	EX. DBI 1024+57.21 Lt	HDWL 1025+48.03 Rt								1	Clean entire length of Ex. 66" RCP (Approx. 216 L.F.)
R310	DBI 1037+04.89 Lt	MH 1037+57.46 Lt								1	Clean entire length of Ex. 60" RCP (Approx. 147 L.F.)
N/A	DBI 1043+65.00 Lt	DBI 1043+64.86 Rt			100						See sheet R21 for plan location
R318	EX. DBI 1050+05.46 Lt	EX. OUT. 1049+17.99 Rt		83	210						
N/A	EX. MH 1053+43.98 Lt	MH 1053+43.50 Lt			33						See sheet R23 for plan location
R321	HDWL 1063+05.30 Lt	HDWL 1063+65.32 Rt						206			
R326	DBI 1096+15.92 Lt	HDWL 1096+15.43 Rt						124			
R374	HDWL 1072+85.96 Rt	DBI 1072+85.80 Lt						187			CC1 is stationed off Entr. Conn. Road Centerline on sheet R374 (1604+11.59 Rt)
R375	EX. HDWL 1082+03.71 Lt	MH 1082+92.25 Rt					180				FF2 is stationed off Monument Road Centerline on sheet R374 (1709+99.50 Lt)
	KY 192 SUBTOTAL		67	519	1025	61	345	517	0	3	
	KY 1006										
R337	DBI 109+03.00 Lt	EX. DBI 112+59.27 Lt			126						
	LONDON MARKETPLACE ROAD										
R345	EX. HDWL 2001+03.13 Rt	EX. HDWL 2001+05.22 Lt			108						
	US 25 NORTH										
R353	EX. HDWL 1007+47.43 Lt	DBI 1007+96.00 Lt		41							
	US 25 SOUTH										
R356	HDWL 2171+31.71 Lt	EX. HDWL 2171+13.76 Rt							142		
R357	DBI 1176+28.00 Lt	EX. HDWL 1176+31.82 Rt						173			
	US 25 SOUTH SUBTOTAL		0	0	0	0	0	173	142	0	
	BACKAGE ROAD 2 (OFFICE DEPOT)										
N/A	EX. PIPE 1200+50.12									1	See sheet R61 for plan location. Clean entire length of Ex. 72" CMP (Approx. 721 L.F.)
	BACKAGE RD 2 (WENDON WAY EXT.)										
R366	HDWL 1907+88.62 Rt									1	Clean entire length of Ex. 78" RCP (Approx. 456 L.F.)
	ENTRANCE CONNECTOR ROAD										
N/A	EX. INLET 1600+69.76 Lt	DBI 1601+76.16 Lt		171							See sheet R29 for plan location
R373	DBI 1602+15.00 Lt	EX. JB 1604+93.47 Rt					145				
	ENTRANCE CONNECTOR ROAD SUBTOTAL		0	171	0	0	145	0	0	0	
	TOTAL PROJECT		67	731	1259	61	490	690	142	5	

SCALE: N/A

PIPE DRAINAGE SUMMARY

SHEET 7 OF 7

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R2T-7

REVISED 4/13/2023

PIPE SUMMARY

SHEET NO.			PVC FOLD AND FORM PIPE LINER							CLEAN PIPE STRUCTURE	REMARKS
			12"	15"	18"	21"	24"	30"	36"		
	ITEM CODE		24860EC	24861EC	24862EC	26190EC	24863EC	24864EC	24865EC	3262	
	UNIT TO BID		LF	LF	LF	LF	LF	LF	LF	EACH	
	KY 192										
R294	HDWL 1101+99.05 Lt	HDWL 1101+47.00 Rt								1	Clean entire length of Ex. Double 10'x7' RCBC (Approx. 260 L.F.)
R297	EX. DBI 992+28.53 Rt	EX. DBI 995+89.66 Rt		44	221						
	DBI 992+90.00 Rt	EX. DBI 993+56.46 Lt			162						
N/A	EX. HDWL 996+87.13 Rt	EX. CBI 997+11.76 Rt		54							See sheet R5 for plan location
N/A	EX. CBI 1001+09.08 Lt	EX. HDWL 1000+93.12 Rt		163							See sheets R5 & R7 for plan location
N/A	EX. CBI 1007+39.94 Lt	EX. HDWL 1007+56.71 Lt			41						See sheet R9 for plan location
R299	HDWL 1010+55.57 Lt	EX. DBI 1011+97.96 Lt		124							
N/A	EX. DBI 1011+97.96 Lt	EX. HDWL 1013+29.26 Lt		51	26	61					See sheets R9 & R11 for plan location
N/A	EX. MH 1011+07.85 Lt				232						Outlet unknown, assumed length for PVC Liner. See sheet R11 for plan location.
R300	DBI 1013+00.00 Lt	EX. DBI 1012+56.84 Rt					165				
	HDWL 1013+72.83 Lt		67								Inlet unknown, assumed length for PVC Liner
R304	EX. DBI 1024+57.21 Lt	HDWL 1025+48.03 Rt								1	Clean entire length of Ex. 66" RCP (Approx. 216 L.F.)
R310	DBI 1037+04.89 Lt	MH 1037+57.46 Lt								1	Clean entire length of Ex. 60" RCP (Approx. 147 L.F.)
N/A	DBI 1043+65.00 Lt	DBI 1043+64.86 Rt			100						See sheet R21 for plan location
R318	EX. DBI 1050+05.46 Lt	EX. OUT. 1049+17.99 Rt		83	210						
N/A	EX. MH 1053+43.98 Lt	MH 1053+43.50 Lt			33						See sheet R23 for plan location
R321	HDWL 1063+05.30 Lt	HDWL 1063+65.32 Rt						206			
R326	DBI 1096+15.92 Lt	HDWL 1096+15.43 Rt						124			
R374	HDWL 1072+85.96 Rt	DBI 1072+85.80 Lt						187			CC1 is stationed off Entr. Conn. Road Centerline on sheet R374 (1604+11.59 Rt)
R375	EX. HDWL 1082+03.71 Lt	MH 1082+92.25 Rt					180				FF2 is stationed off Monument Road Centerline on sheet R374 (1709+99.50 Lt)
	KY 192 SUBTOTAL		67	519	1025	61	345	517	0	3	
	KY 1006										
R337	DBI 109+03.00 Lt	EX. DBI 112+59.27 Lt			126						
	LONDON MARKETPLACE ROAD										
R345	EX. HDWL 2001+03.13 Rt	EX. HDWL 2001+05.22 Lt			108						
	US 25 NORTH										
R353	EX. HDWL 1007+47.43 Lt	DBI 1007+96.00 Lt		41							
	US 25 SOUTH										
R356	HDWL 2171+31.71 Lt	EX. HDWL 2171+13.76 Rt							142		
R357	DBI 1176+28.00 Lt	EX. HDWL 1176+31.82 Rt						173			
	US 25 SOUTH SUBTOTAL		0	0	0	0	0	173	142	0	
	BACKAGE ROAD 2 (OFFICE DEPOT)										
N/A	EX. PIPE 1200+50.12									1	See sheet R61 for plan location. Clean entire length of Ex. 72" CMP (Approx. 721 L.F.)
	BACKAGE RD 2 (WENDON WAY EXT.)										
R366	HDWL 1907+88.62 Rt									1	Clean entire length of Ex. 78" RCP (Approx. 456 L.F.)
	ENTRANCE CONNECTOR ROAD										
N/A	EX. INLET 1600+69.76 Lt	DBI 1601+76.16 Lt		171							See sheet R29 for plan location
R373	DBI 1602+15.00 Lt	EX. JB 1604+93.47 Rt					145				
	ENTRANCE CONNECTOR ROAD SUBTOTAL		0	171	0	0	145	0	0	0	
	TOTAL PROJECT		67	731	1259	61	490	690	142	5	

SCALE: N/A

PIPE DRAINAGE SUMMARY

SHEET 7 OF 7

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R2W-1

GENERAL NOTES

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.

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 THE UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTORS 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 COUNT COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

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.

ROADBED NOTE, EMBANKMENT-IN-PLACE

USE EMBANKMENT-IN-PLACE WITH A MINIMUM C.B.R VALUE OF 2 OR GREATER IN THE TOP 12 INCHES OF ROADBED IN CUT AND FILL SECTIONS.

WINTER CLOSEDOWN

ANY ASPHALT CONCRETE BASE AND/OR SURFACE COURSE USED AS A RIDING SURFACE EXPOSED TO TRAFFIC DURING WINTER CLOSEDOWN PERIODS SHALL CONTAIN NATURAL, CONGLOMERATE, CRUSHED SLAG, CRUSHED GRANITE OR CRUSHED SANDSTONE SAND IN THE PROPORTION OF NO LESS THAN 25% OF THE TOTAL COMBINED COARSE AND FINE AGGREGATE.

ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY B SHALL APPLY.

COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH (25 MM) OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTIONS 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

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) 564-4610.

EXISTING LANDSCAPE MATERIAL

DO NOT DISTURB LANDSCAPE PLANTS UNLESS ABSOLUTELY NECESSARY.

DO NOT DISTURB ANY PLANTS WITHOUT PRIOR APPROVAL OF THE PROJECT ENGINEER.

THE PROJECT ENGINEER SHALL NOTIFY THE DISTRICT AGRONOMIST FOR POSSIBLE DEPARTMENT SALVAGE OF ANY PLANTS NEEDING REMOVAL.

SPECIAL NOTES

Special Note 11N Longitudinal Pavement Joint Adhesive 2019

Special Note for Barcodes on Permanent Signs 2019

Special Note for Non-Tracking Tack Coat-Revised 20200128

Special Note for Pipe Liner Acceptance Testing

Special Note for PVC Fold and Form Pipe Liner

Special Note for Pipe Cleaning

SCALE: N/A

GENERAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R2W-1

REVISED 4/11/2023

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Special Note for Barcodes on Permanent Signs 2019
Special Note for Non-Tracking Tack Coat-Revised 20200128
Special Note for Pipe Liner Acceptance Testing
Special Note for PVC Fold and Form Pipe Liner
Special Note for Pipe Cleaning

SCALE: N/A

GENERAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R3

CONVENTIONAL SIGNS

SURVEY LINE
GRADE LINE
GROUND LINE
COUNTY LINE
CORPORATE LIMITS
EXIST. PROPERTY LINE
EXIST. RIGHT OF WAY & PROPERTY LINE
PROPOSED RIGHT OF WAY
RIGHT OF WAY MONUMENT
BENCH MARK
EXISTING R/W MARKER
RIGHT OF WAY MONUMENT EXISTING/PROPOSED
UTILITY TEST HOLE
EXISTING ROAD
RAILROAD
FENCE (CONTROLLED ACCESS)
FENCE (EXCEPT STONE AND HEDGE)
TREE LINE
TREES
PIPE CULVERT
CULVERT
BRIDGE
BUILDINGS
GUARDRAIL

	EXISTING	PROPOSED
LIGHTING POLE		
POWER POLE		
JOINT POWER & TELEPHONE POLE		
TELEPHONE & TELEGRAPH POLE		
ANCHOR, POWER OR TELEPHONE		
STUB POWER		
STUB TELEPHONE		
WATER MAIN	WM	6" WM
GAS MAIN	GM	6" GM
TELEPHONE DUCT	T	T
ELECTRIC DUCT	E	E
DIRECT BURIAL TV CABLE	TV	TV
SANITARY SEWER (WITH MANHOLE)	SAN	SAN
STORM SEWER (WITH MANHOLE)	STORM	STORM
DIRECT BURIAL ELECTRIC CABLE	E	E
DIRECT BURIAL TELEPHONE CABLE	T	T
OVERHEAD WIRE		
TRAFFIC LIGHTS		
ELECTRIC MANHOLE	EMH	EMH
TELEPHONE MANHOLE	TMH	TMH

STONE FENCE
HEDGE FENCE
SWAMP OR MARSH
SPRINGS
SINKHOLE
QUARRY SITE
BLUE LINE STREAM
INTERMITTENT STREAM OR DITCH
LAKES OR PONDS
REGULATED FLOODWAY
NORTH POINT

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
RT.	992+67.16 TO 993+65.33	STD. C&G MOD	241

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
VVV0	JUNCTION BOX TY B	1237.62	1233.00, 1232.32, 1228.08	1227.11	R297
VVV1	CONN. TO EX. PIPE	---	---	1234.02	R297
VVV2	DBI TYPE 13 (S)	1237.11	1232.69	1232.61	R297
VVV3	DBI TYPE 13 (G)	1237.65	---	1233.15	R297

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	993+72.95 TO 994+44.43	ECB	146 SY	1.5		V

UTILITY COMPANIES

WATER & SEWER
London Utility Commission
Steve Baker
801 N. Main St.
London, KY 40741
Phone: (606) 864-2103

Laurel Water District #2
Ken Fisher
3910 S. Laurel Rd.
London, KY 40741
Phone: (606) 878-2494

POWER
Kentucky Utilities
David Laun
180 Substation Rd.
London, KY 40741
Phone: (606) 864-2821

Jackson Energy
Brent Bingham
115 Jackson Energy Lane
McKee, KY 40447
Phone: (606) 364-9227

TELEPHONE
Windstream
Bryan Reed
719 N. Main Street
London, KY 40741
Phone: (606) 878-3263

AT&T
O'dell Keene
131 Amesbury Ave.
Middlesboro, KY 40965
Phone: (606) 248-7243

CABLE
Charter Communications
Lee Bowlin
105 W. Third St.
Corbin, KY 40701
Phone: (606) 271-2504

GAS
Delta Gas
Brent Means
3617 Lexington Road
Winchester, KY 40391
Phone: (859) 744-6171x1134

WARNING NOTE:

POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

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.

Curve Data
KY 192
PI Sta. 995+14.17
D = 36°26'26.14"
T = 431.99'
L = 834.65'
R = 1312.33'
E = 69.27'

STA. 992+65.06
BEGIN PROJECT

STA. 994+39.84
END CONSTRUCTION

Proposed ℄ KY 192
TO MT. VICTORY

ESQUIRE ROAD
KY 192
OLD HIGHWAY 192
FLOYD STREET
MATCHLINE STA. 995+00
SHEET R5

ELAINE HELTON
D.B. 655, PG. 260

ELAINE ANN LOWE
D.B. 404, PG. 507
D.B. 276, PG. 566

ARNOLD G. PETERS
BONNIE SUE PETERS
D.B. 417, PG. 323

STA. 993+65.86, 70.58' RT. TO STA. 994+44.43, 58.74' RT. - CONSTRUCT 76 L.F. OF WOVEN WIRE FENCE TYPE I AND 0.8 CU. YDS. OF CONCRETE CLASS B.

Disturb Limits
Proposed Woven Wire Fence Type I

SCALE: 1" = 20'

DESIGNED BY:	
DATE SUBMITTED:	

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
LAUREL

PROJECT NUMBERS: FD04 063 0192 018-021

KY 192
PLAN SHEET
BEGINNING TO STA. 995+00

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00300PL_KY 192-BEG.DGN
USER: bockherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R3

REVISED 4/11/2023

CONVENTIONAL SIGNS

SURVEY LINE
GRADE LINE
GROUND LINE
COUNTY LINE
CORPORATE LIMITS
EXIST. PROPERTY LINE
EXIST. RIGHT OF WAY & PROPERTY LINE
PROPOSED RIGHT OF WAY
RIGHT OF WAY MONUMENT
BENCH MARK
EXISTING R/W MARKER
RIGHT OF WAY MONUMENT EXISTING/PROPOSED
UTILITY TEST HOLE
EXISTING ROAD
RAILROAD
FENCE (CONTROLLED ACCESS)
FENCE (EXCEPT STONE AND HEDGE)
TREE LINE
TREES
PIPE CULVERT
CULVERT
BRIDGE
BUILDINGS
GUARDRAIL

	EXISTING	PROPOSED
LIGHTING POLE		
POWER POLE		
JOINT POWER & TELEPHONE POLE		
TELEPHONE & TELEGRAPH POLE		
ANCHOR, POWER OR TELEPHONE		
STUB POWER		
STUB TELEPHONE		
WATER MAIN	WM	6" WM
GAS MAIN	GM	6" GM
TELEPHONE DUCT	T	T
ELECTRIC DUCT	E	E
DIRECT BURIAL TV CABLE	TV	TV
SANITARY SEWER (WITH MANHOLE)	SAN	SAN
STORM SEWER (WITH MANHOLE)	STORM	STORM
DIRECT BURIAL ELECTRIC CABLE	E	E
DIRECT BURIAL TELEPHONE CABLE	T	T
OVERHEAD WIRE		
TRAFFIC LIGHTS		
ELECTRIC MANHOLE	EMH	EMH
TELEPHONE MANHOLE	TMH	TMH
STONE FENCE		
HEDGE FENCE		
SWAMP OR MARSH		
SPRINGS		
SINKHOLE		
QUARRY SITE		
BLUE LINE STREAM		
INTERMITTENT STREAM OR DITCH		
LAKES OR PONDS		
REGULATED FLOODWAY		
NORTH POINT		

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
RT.	992+67.16 TO 993+65.33	STD. C&G MOD	241

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
VVV0	JUNCTION BOX TY B	1237.62	1233.00, 1232.32, 1228.08	1227.11	R297
VVV1	CONN. TO EX. PIPE	---	---	1234.02	R297
VVV2	DBI TYPE 13 (S)	1237.11	1232.69	1232.61	R297
VVV3	DBI TYPE 13 (G)	1237.65	---	1233.15	R297

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	993+72.95 TO 994+44.43	ECB	146 SY	1.5		V

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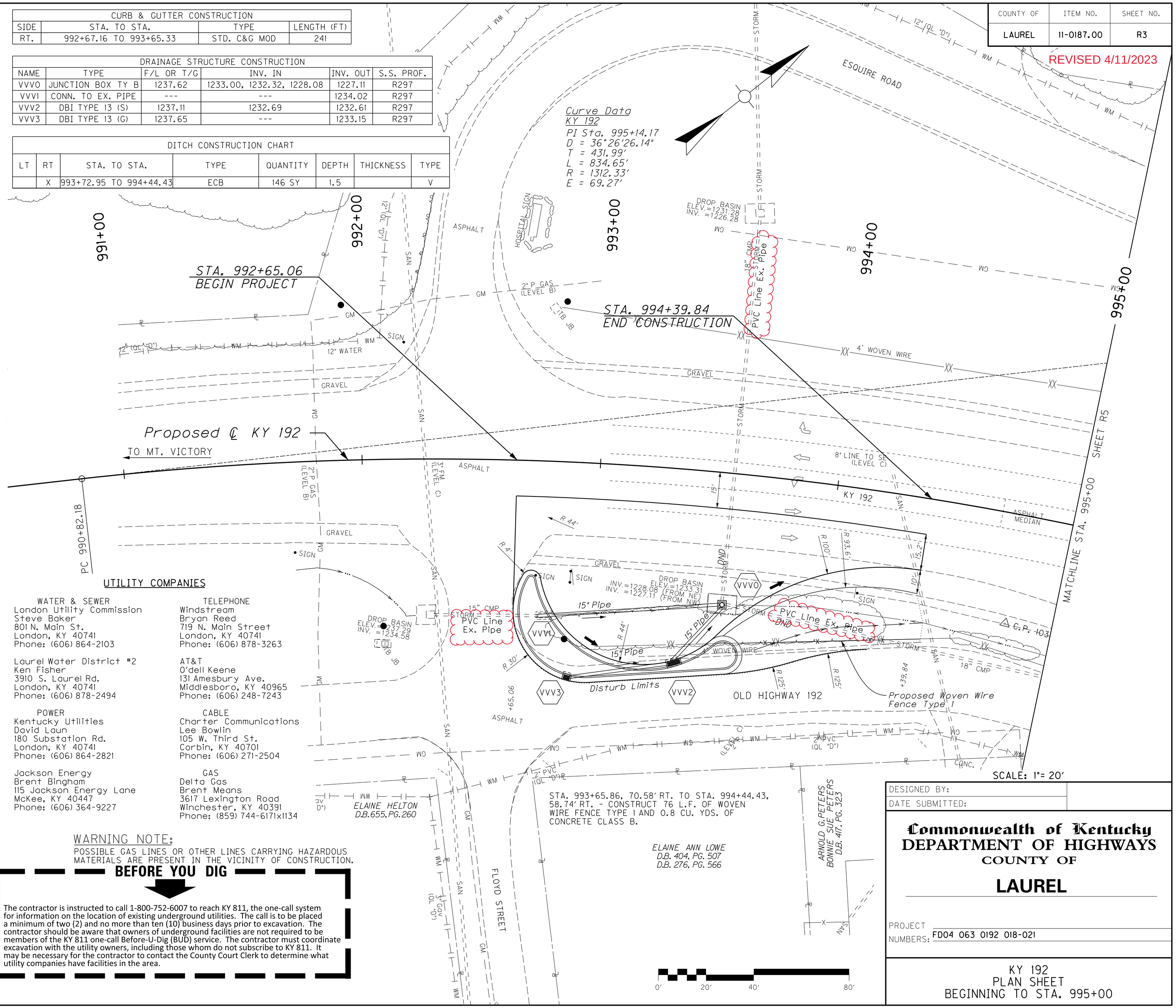


DESIGNED BY:
DATE SUBMITTED:

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

LAUREL

PROJECT NUMBERS: FD04 063 0192 018-021

KY 192
PLAN SHEET
BEGINNING TO STA. 995+00

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00300PL_KY 192-BEG.DGN
USER: bockherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

BURGESS & NIPLE

MicroStation v8.11.9.919	E-SHEET NAME:	USER: mitchen DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00500PL_KY 192-0995.DGN

995+00
MATCHLINE STA. 995+00 SHEET R3
PI 995+14.17
Curve Data
KY 192
PI Sta. 995+14.17
D = 36°26'26.14"
T = 431.99'
L = 834.65'
R = 1312.33'
E = 69.27'
ELMO GREER and SONS, INC.
D.B. 503, PG. 436
D.B. 465, PG. 142
W.B. 14, PG. 613
996+00
997+00
998+00
999+00
1000+00
1001+00
ESQUIRE ROAD
RICHARD MORGAN JEWELL MORGAN D.B. 339, PG. 107
1 STORY BRICK
1 STORY FRAME GARAGE
CONC.
GRASS
GRAVEL
ASPHALT
CONCRETE CURB
CONCRETE
RAMP TO I-75 SOUTH
RAMP FROM I-75 SOUTH
RAMP
STORM PVC Line Ex. Pipe
15" CMP PVC Line Ex. Pipe
2" PVC (OL "D")
12" (OL "D")
2" PVC (LEVEL C)
GRATE ELEV. = 1233.60 INV. = 1230.90
OUTLET = 1229.30
SSMH TOP = 1239.03 INV. = 1233.38
OUTLET = 1232.68 (18" RCP)
(APPROX. DIRECTION)
OUTLET = 1216.36
GRATE TOP = 1246.19 INV. = 1241.38
OVERHEAD UTILITY ELEV. = 1259.03
OVERHEAD UTILITY ELEV. = 1260.45
OVERHEAD UTILITY ELEV. = 1261.90
OVERHEAD UTILITY ELEV. = 1266.65
Proposed ℄ KY 192
PT 999+16.84
℄ P 104
AT&T FIBER OPTIC
ELEC.
TRAFFIC
SIGN
SAN
WM
GM
SCALE: 1"= 20'
0'
20'
40'
80'

KY 192
PLAN SHEET
STA. 995+00 TO STA. 1001+00

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R5

BURGESS & NIPLE

MicroStation v8.11.9.919	E-SHEET NAME:	USER: mitchen DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00500PL_KY 192-0995.DGN

995+00
MATCHLINE STA. 995+00 SHEET R3
PI 995+14.17
Curve Data
KY 192
PI Sta. 995+14.17
D = 36°26'26.14"
T = 431.99'
L = 834.65'
R = 1312.33'
E = 69.27'
ELMO GREER and SONS, INC.
D.B. 503, PG. 436
D.B. 465, PG. 142
W.B. 14, PG. 613
996+00
997+00
ESQUIRE ROAD
998+00
999+00
1000+00
1001+00
MATCHLINE STA. 1001+00 SHEET R7
RICHARD MORGAN
JEWELL MORGAN
D.B. 339, PG. 107
1 STORY BRICK
CONC.
GRASS
1 STORY FRAME GARAGE
2" PVC (OL "D")
ELEV. = 1233.60
INV. = 1230.90
OUTLET = 1229.30
STORM PVC Line Ex. Pipe
SSMH
TOP = 1239.03
INV. = 1233.38
15" CMP
PVC Line Ex. Pipe
I-75 SOUTH RAMP
CONCRETE CURB
ASPHALT
GRAVEL
SIGN
TRAFFIC
ELEC.
AT&T FIBER OPTIC
OUTLET = 1232.68
(18" RCP)
(APPROX. DIRECTION)
STORM
OVERHEAD UTILITY
ELEV. = 1259.03
ELEV. = 1266.65
ELEV. = 1260.45
ELEV. = 1261.90
RAMP FROM I-75 SOUTH
RAMP TO I-75 SOUTH
RAMP
Proposed ℄ KY 192
KY 192
PT 999+16.84
℄ P 104
SAN
CONC.
EL JB
GRATE
TOP = 1246.19
INV. = 1241.38
OUTLET = 1216.36
15" CMP
PVC Line Ex. Pipe
0'
20'
40'
80'
SCALE: 1"= 20'

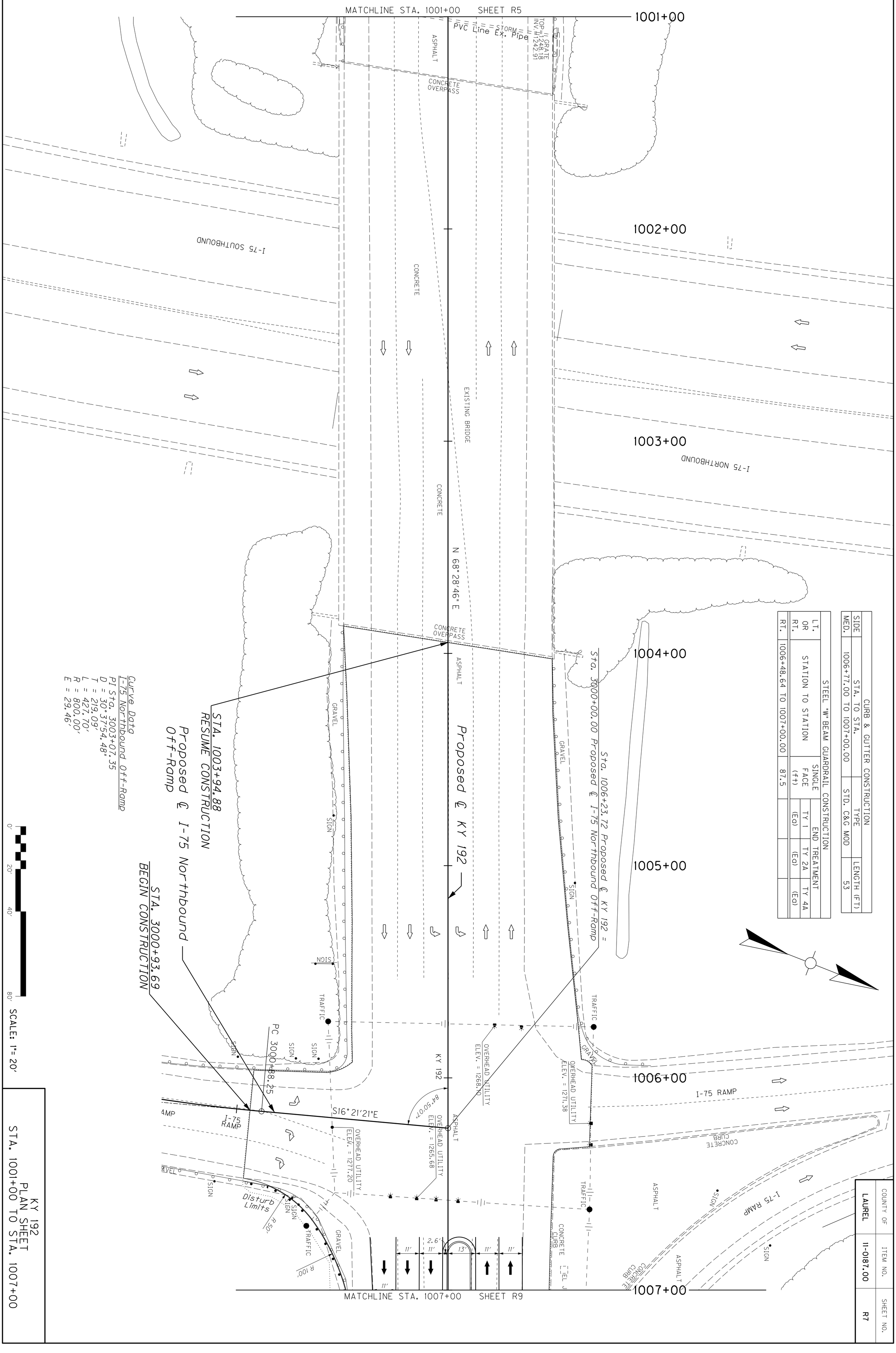
KY 192
PLAN SHEET
STA. 995+00 TO STA. 1001+00

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R5

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: finn DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00700PL_KY 192-1001.DGN



CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1006+77.00 TO 1007+00.00	STD. C&G MOD	53

STEEL "W" BEAM GUARDRAIL CONSTRUCTION					
LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT		
			TY 1 (Ea)	TY 2A (Ea)	TY 4A (Ea)
RT.	1006+48.64 TO 1007+00.00	87.5			

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1001+00 TO STA. 1007+00

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R7

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R7

REVISED 4/11/2023

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1006+77.00 TO 1007+00.00	STD. C&G MOD	53

STEEL "W" BEAM GUARDRAIL CONSTRUCTION					
LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT		
			TY 1 (Ea)	TY 2A (Ea)	TY 4A (Ea)
RT.	1006+48.64 TO 1007+00.00	87.5			

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\ROOTOOPL_KY 192-1001.DGN
USER: finn
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

1001+00 1002+00 1003+00 1004+00 1005+00 1006+00 1007+00

I-75 NORTHBOUND

I-75 SOUTHBOUND

MATCHLINE STA. 1001+00 SHEET R5

MATCHLINE STA. 1007+00 SHEET R9

11 GRATE
TOP=1248.18
INV=1242.91
PVC Line Ex. Pipe

EXISTING BRIDGE

CONCRETE OVERPASS

ASPHALT

CONCRETE

N 68°28'46" E

Proposed ℄ KY 192

KY 192

S16°21'21"E

84°50'07"

Sta. 1006+23.72 Proposed ℄ KY 192 =
Sta. 3000+00.00 Proposed ℄ I-75 Northbound Off-Ramp

GRAVEL

SIGN

TRAFFIC

OVERHEAD UTILITY
ELEV. = 1271.38

OVERHEAD UTILITY
ELEV. = 1268.10

OVERHEAD UTILITY
ELEV. = 1265.68

OVERHEAD UTILITY
ELEV. = 1277.20

I-75 RAMP

CONCRETE CURB

CONCRETE CURB

CONCRETE CURB

ASPHALT

ASPHALT

ASPHALT

PC 3000+88.25

I-75 RAMP

Disturb Limits

R 100'

R 50'

STA. 1003+94.88
RESUME CONSTRUCTION

Proposed ℄ I-75 Northbound
Off-Ramp

STA. 3000+93.69
BEGIN CONSTRUCTION

Curve Data
I-75 Northbound Off-Ramp
PI Sta. 3003+07.35
D = 30°37'54.48"
T = 219.09'
L = 427.70'
R = 800.00'
E = 29.46'

0' 20' 40' 80' SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1001+00 TO STA. 1007+00

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00900PL_KY 192-1007.DGN

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
A0	S & F HDWL.	---	---	1235.50	R298
A1	MANHOLE TYPE A	1242.31	1235.69	1235.61	R298
A2	DBI TYPE 13 (G)	1243.73	1236.31	1236.23	R298
A3	DBI TYPE 13 (G)	1240.70	1237.03	1236.95	R298
A4	CBI TYPE A	1242.98	---	1238.48	R298
B0	EX. DBI	1237.35	1229.85	1229.85	R299
B1	DBI TYPE 13 (G)	1243.53	1238.00, 1235.63	1235.55	R299
B2	SLOPED BOX OUTLET TY 1	---	---	1236.90	R299
B3	DBI TYPE 13 (S)	1242.44	---	1238.44	R299
C0	DBI TYPE 5E	1235.67	1230.95, 1223.10	1223.09	R300
C1	CBI TYPE A	1237.08	1231.16	1231.08	R300
C4	DBI TYPE 13 (G)	1239.81	---	1235.31	R300

CURB & GUTTER CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1007+00.00 TO 1013+00.00	STD. C&G MOD	602
MED.	1007+00.00 TO 1013+00.00	STD. C&G MOD	602
RT.	1008+00.00 TO 1010+74.24	STD. C&G MOD	283
LT.	1008+50.00 TO 1010+69.61	STD. C&G MOD	227
LT.	1010+42.17 TO 1010+69.61	STD. C&G	79
RT.	1010+58.22 TO 1010+74.24	STD. C&G	39
LT.	1011+40.66 TO 1011+70.98	STD. C&G	81
LT.	1011+40.66 TO 1013+00.00	STD. C&G MOD	166
RT.	1011+44.57 TO 1011+60.75	STD. C&G	50
RT.	1011+44.57 TO 1013+00.00	STD. C&G MOD	157

STEEL "W" BEAM GUARDRAIL CONSTRUCTION

SIDE	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT TY 1 (Ea)	END TREATMENT TY 2A (Ea)	END TREATMENT TY 4A (Ea)
LT. OR RT.	1007+00.00 TO 1010+50.00	350		1	
RT.	1007+00.00 TO 1010+50.00				
LT.	STA. TO STA.				
LT	1008+00 TO 1009+00	X			
RT	1009+00 TO 1010+50	X			
RT	1011+66.37 TO 1012+50		X		
LT	1011+50 TO 1012+00	X			
RT	1012+00 TO 1012+50	X			
LT	1012+65 TO 1013+00	X			

DITCH CONSTRUCTION CHART

	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
LT.	ECB	111 SY	1.5		V
RT.	TURFMAT TYPE 1	159 SY	1.5		V
LT.	TURFMAT TYPE 1	213 SY	1.5		V
RT.	TURFMAT TYPE 1	70 SY	1.5		V
LT.	ECB	70 SY	1.5		V
RT.	ECB	106 SY	1.5		V

CONSTRUCT ENTRANCES

SIDE	℄ STA.	TYPE	WIDTH (FT)	DRIVEWAY AREA (SQ YD)	DRIVEWAY 1 1/4" ASPH. SURF. (TON)	DRIVEWAY 3" ASPH. BASE (TON)	DRIVEWAY CSB (TON)	PIPE TYPE
LT.	1011+08.37	COM.	53.9	412	28.3	47.7	21.2	-
RT.	1011+12.56	COM.	60.0	293	20.1	-	8.6	-

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

MATCHLINE STA. 1007+00 SHEET R7

MATCHLINE STA. 1013+00 SHEET R11

1007+00 1008+00 1009+00 1010+00 1011+00 1012+00 1013+00

KY 192 STA. 1008+25.00
BEGIN RW ACQUISITION

Proposed ℄ KY 192

EXISTING KY 192 EAST

EXISTING KY 192 WEST

Concrete Median

Disturb Limits

Spec. "V" Dt.

Temp. Esmt. for Entr. Const.

Temp. Esmt. for Backslope Const.

Guardrail End Treatment Type 2A

1007+63.08 1008+30.85 1008+67.63 1009+98.08 1010+30.76 1010+70.09 1011+10.60 1011+73.00 1012+48.86

1007+23.79 173.55 1007+77.20 97.44 1008+90.48 168.61 1010+96.95 150.69

1008+25.00 74/2 1010-31.00 63.00 1010-31.00 104.00 1011-27.00 125.06 1011-66.00 124.00 1011-66.00 118.00 1011-80.00 117.00 1011-81.00 97.61 1011-61.85 96.29 1011-73.00 118.00 1011-77.00 95.00

1011+49.01 106.77 1011+44.57 65.32 1011+72.77 80.66

1012+65 103.37

1008+00 168.61 1010+96.95 150.69 1011+27.00 125.06 1011+49.01 106.77 1011+44.57 65.32 1011+61.85 96.29 1011+72.77 80.66 1011+73.00 118.00 1011+77.00 95.00 1012+48.86 103.37

INTERSTATE LAND HOLDINGS LONDON, LLC
DB. 614, PG. 391
DB. 260, PG. 537 (R/W)
DB. 655, PG. 596 (R/W)

SMITH GLOBAL II, LLC
D.B. 619, PG. 544

HENRY T. HARDY, III and BRENDA S. HARDY
TRUSTEES OF THE HENRY T. HARDY, III LIVING TRUST &
TRUSTEES OF THE BRENDA S. HARDY LIVING TRUST
D.B. 739, PG. 437

LT. STA. 1012+85 - REMOVE 67 SQ. YDS. OF EXISTING PAVEMENT.

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R9

KY 192
PLAN SHEET
STA. 1007+00 TO STA. 1013+00

SCALE: 1"= 20'

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R00900PL_KY 192-1007.DGN

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
A0	S & F HDWL.	---	---	1235.50	R298
A1	MANHOLE TYPE A	1242.31	1235.69	1235.61	R298
A2	DBI TYPE 13 (G)	1243.73	1236.31	1236.23	R298
A3	DBI TYPE 13 (G)	1240.70	1237.03	1236.95	R298
A4	CBI TYPE A	1242.98	---	1238.48	R298
B0	EX. DBI	1237.35	1229.85	1229.85	R299
B1	DBI TYPE 13 (G)	1243.53	1238.00, 1235.63	1235.55	R299
B2	SLOPED BOX OUTLET TY 1	---	---	1236.90	R299
B3	DBI TYPE 13 (S)	1242.44	---	1238.44	R299
C0	DBI TYPE 5E	1235.67	1230.95, 1223.10	1223.09	R300
C1	CBI TYPE A	1237.08	1231.16	1231.08	R300
C4	DBI TYPE 13 (G)	1239.81	---	1235.31	R300

CURB & GUTTER CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1007+00.00 TO 1013+00.00	STD. C&G MOD	602
MED.	1007+00.00 TO 1013+00.00	STD. C&G MOD	602
RT.	1008+00.00 TO 1010+74.24	STD. C&G MOD	283
LT.	1008+50.00 TO 1010+69.61	STD. C&G MOD	227
LT.	1010+42.17 TO 1010+69.61	STD. C&G	79
RT.	1010+58.22 TO 1010+74.24	STD. C&G	39
LT.	1011+40.66 TO 1011+70.98	STD. C&G	81
LT.	1011+40.66 TO 1013+00.00	STD. C&G MOD	166
RT.	1011+44.57 TO 1011+60.75	STD. C&G	50
RT.	1011+44.57 TO 1013+00.00	STD. C&G MOD	157

STEEL "W" BEAM GUARDRAIL CONSTRUCTION

SIDE	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT TY 1 (Ea)	END TREATMENT TY 2A (Ea)	END TREATMENT TY 4A (Ea)
LT. OR RT.	1007+00.00 TO 1010+50.00	350			
RT.	1011+66.37 TO 1012+50		1		

DITCH CONSTRUCTION CHART

STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
1008+00 TO 1009+00	ECB	111 SY	1.5		V
1009+00 TO 1010+50	TURFMAT TYPE 1	159 SY	1.5		V
1011+66.37 TO 1012+50	TURFMAT TYPE 1	213 SY	1.5		V
1011+50 TO 1012+00	TURFMAT TYPE 1	70 SY	1.5		V
1012+00 TO 1012+50	ECB	70 SY	1.5		V
1012+65 TO 1013+00	ECB	106 SY	1.5		V

CONSTRUCT ENTRANCES

SIDE	℄ STA.	TYPE	WIDTH (FT)	DRIVEWAY AREA (SQ YD)	DRIVEWAY 1¼" ASPH. SURF. (TON)	DRIVEWAY 3" ASPH. BASE (TON)	DRIVEWAY CSB (TON)	PIPE TYPE
LT.	1011+08.37	COM.	53.9	412	28.3	47.7	21.2	-
RT.	1011+12.56	COM.	60.0	293	20.1	-	8.6	-

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

MATCHLINE STA. 1007+00 SHEET R7

MATCHLINE STA. 1013+00 SHEET R11

1007+00 1008+00 1009+00 1010+00 1011+00 1012+00 1013+00

I-75 RAMP

EXISTING KY 192 EAST

EXISTING KY 192 WEST

Proposed ℄ KY 192

KY 192 STA. 1008+25.00
BEGIN RW ACQUISITION

Concrete Median

Disturb Limits

Spec. "V" Dt.

Temp. Esmt. for Constr.

Temp. Esmt. for Backslope Const.

Guardrail End Treatment Type 2A

KY 192 Curve Data
PI Sta. = 1024+49.37
D = 54°27'51" Rt.
Ts = 172.21'
Ls = 235.00'
Lc = 2680.64'
Ds = 2°23'14"
LT = 156.68'
ST = 78.35'
R = 2820'
E = 351.53'

SMITH GLOBAL II, LLC
D.B. 619, PG. 544

HENRY T. HARDY, III and BRENDA S. HARDY
D.B. 614, PG. 391
D.B. 260, PG. 537 (R/W)
D.B. 655, PG. 596 (R/W)

TRUSTEES OF THE HENRY T. HARDY, III LIVING TRUST & TRUSTEES OF THE BRENDA S. HARDY LIVING TRUST
D.B. 739, PG. 437

LT. STA. 1012+85 - REMOVE 67 SQ. YDS. OF EXISTING PAVEMENT.

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R9

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1007+00 TO STA. 1013+00

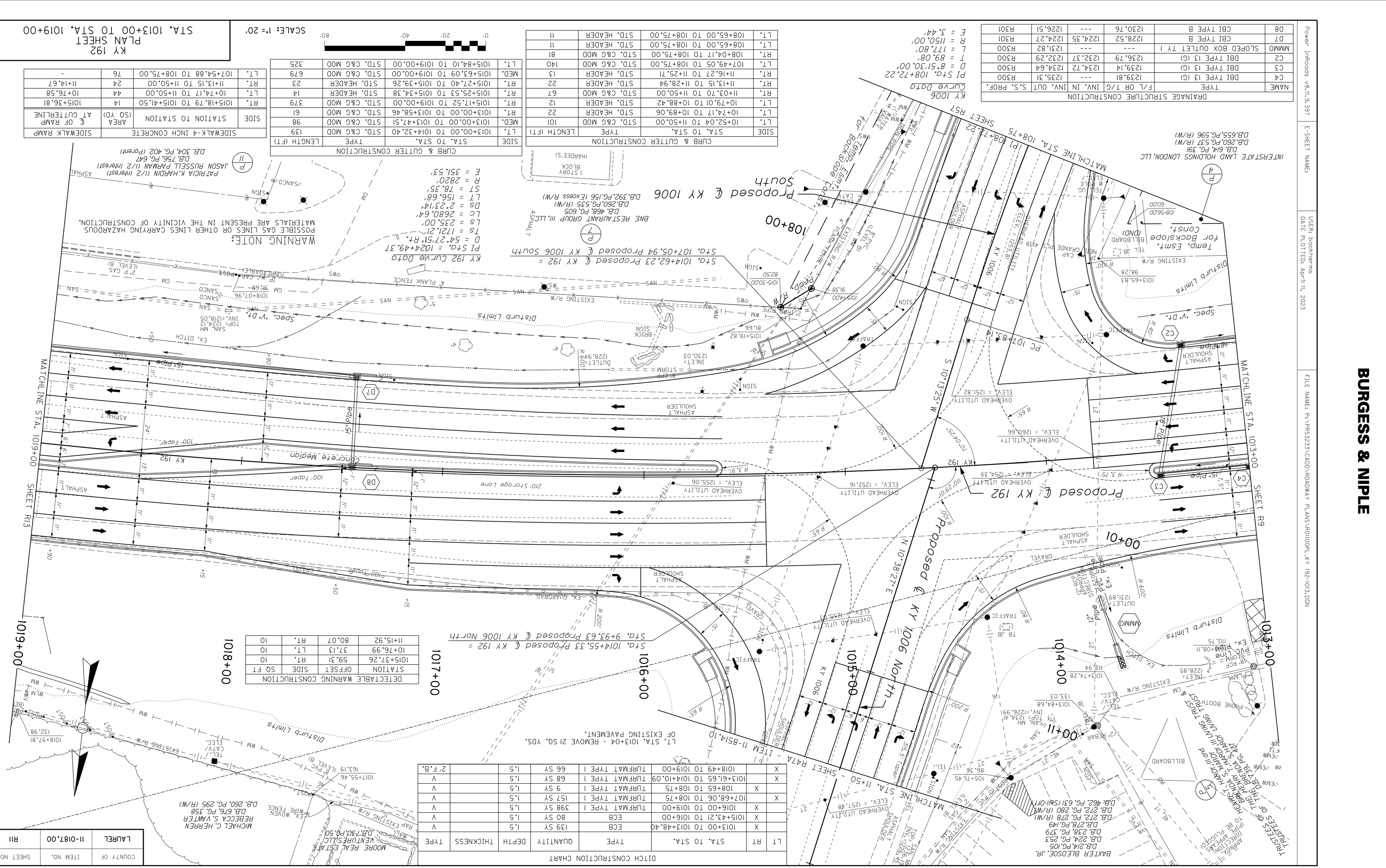
BURGESS & NIPLE

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R11

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	1013+00 TO 1013+48.40	ECB	139 SY	1.5		V
	X	1015+43.21 TO 1016+00	ECB	80 SY	1.5		V
	X	1016+00 TO 1019+00	TURFMAT TYPE 1	398 SY	1.5		V
X		107+68.06 TO 108+75	TURFMAT TYPE 1	157 SY	1.5		V
	X	108+65 TO 108+75	TURFMAT TYPE 1	9 SY	1.5		V
X		1013+61.65 TO 1014+10.09	TURFMAT TYPE 1	68 SY	1.5		V
X		1018+49 TO 1019+00	TURFMAT TYPE 1	66 SY	1.5		2' F.B.

LT. STA. 1013+04 - REMOVE 21 SQ. YDS. OF EXISTING PAVEMENT.

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
1015+37.26	59.31	RT.	10
10+76.99	37.13	LT.	10
11+15.92	80.07	RT.	10



KY 192 Curve Data
PI Sta. = 1024+49.37
D = 54°27'51" Rt.
Ts = 1721.21'
Ls = 235.00'
Lc = 2680.64'
Ds = 2°23'14"
LT = 156.68'
ST = 78.35'
R = 2820'
E = 351.53'

KY 1006 Curve Data
PI Sta. 108+72.22
D = 8°51'30.00"
T = 89.08'
L = 177.80'
R = 1150.00'
E = 3.44'

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
C4	DBI TYPE 13 (G)	1239.81	---	1235.31	R300
C3	DBI TYPE 13 (G)	1239.14	1234.72	1234.64	R300
C2	DBI TYPE 13 (G)	1236.79	1232.37	1232.29	R300
MMMO	SLOPED BOX OUTLET TY 1	---	---	1231.82	R300
D7	CBI TYPE B	1228.52	1224.35	1224.27	R301
D8	CBI TYPE B	1230.76	---	1226.51	R301

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	10+52.04 TO 11+50.00	STD. C&G MOD	101
LT.	10+74.17 TO 10+89.06	STD. HEADER	22
LT.	10+79.01 TO 10+88.42	STD. HEADER	12
RT.	11+03.70 TO 11+50.00	STD. C&G MOD	67
RT.	11+13.15 TO 11+28.94	STD. HEADER	22
RT.	11+16.27 TO 11+25.71	STD. HEADER	13
LT.	107+49.05 TO 108+75.00	STD. C&G MOD	140
RT.	108+04.17 TO 108+75.00	STD. C&G MOD	81
LT.	108+65.00 TO 108+75.00	STD. HEADER	11
LT.	108+65.00 TO 108+75.00	STD. HEADER	11

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1013+00.00 TO 1014+32.40	STD. C&G MOD	139
MED.	1013+00.00 TO 1013+47.51	STD. C&G MOD	98
RT.	1013+00.00 TO 1013+58.46	STD. C&G MOD	61
RT.	1015+17.52 TO 1019+00.00	STD. C&G MOD	379
RT.	1015+25.53 TO 1015+34.38	STD. HEADER	14
RT.	1015+27.40 TO 1015+39.26	STD. HEADER	23
MED.	1015+63.09 TO 1019+00.00	STD. C&G MOD	679
LT.	1015+84.10 TO 1019+00.00	STD. C&G MOD	325

SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
RT.	1015+18.79 TO 1015+41.50	14	1015+36.81
LT.	10+74.17 TO 11+50.00	44	10+76.58
RT.	11+13.15 TO 11+50.00	24	11+14.67
LT.	107+54.88 TO 108+75.00	76	-

0' 20' 40' 80'

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1013+00 TO STA. 1019+00

Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bockherms
DATE PLOTTED: April 11, 2023
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R0110OPL_KY 192-1013.DGN

BURGESS & NIPLE

Power InRoads v8.11.3.397 | E-SHEET NAME: | USER: bockherms DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R01000PL_KY 192-1013.DGN

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
C4	DBI TYPE 13 (G)	1239.81	---	1235.31	R300
C3	DBI TYPE 13 (G)	1239.14	1234.12	1234.64	R300
C2	DBI TYPE 13 (G)	1236.79	1232.37	1232.29	R300
MWMO	SLOPED BOX OUTLET TY 1	---	---	1231.82	R300
D7	CBI TYPE B	1228.52	1224.35	1224.27	R301
D8	CBI TYPE B	1230.76	---	1226.51	R301

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
L1.	10+52.04 TO 11+50.00	STD. C&G MOD	101
L1.	10+74.17 TO 10+89.06	STD. HEADER	22
L1.	10+79.01 TO 10+88.42	STD. HEADER	12
L1.	11+03.70 TO 11+50.00	STD. C&G MOD	67
R1.	11+13.15 TO 11+28.94	STD. HEADER	22
R1.	11+16.27 TO 11+25.71	STD. HEADER	13
L1.	10+49.05 TO 10+75.00	STD. C&G MOD	140
RT.	10+04.17 TO 10+75.00	STD. C&G MOD	81
L1.	10+65.00 TO 10+75.00	STD. HEADER	11
L1.	10+65.00 TO 10+75.00	STD. HEADER	11
L1.	10+65.00 TO 10+75.00	STD. HEADER	11

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
L1.	10+84.10 TO 10+90.00	STD. C&G MOD	325
MED.	10+63.09 TO 10+90.00	STD. C&G MOD	679
R1.	10+27.40 TO 10+39.26	STD. HEADER	23
RT.	10+25.53 TO 10+34.38	STD. HEADER	14
R1.	10+17.52 TO 10+90.00	STD. C&G MOD	379
MED.	10+00.00 TO 10+47.51	STD. C&G MOD	98
R1.	10+00.00 TO 10+58.46	STD. C&G MOD	61
L1.	10+00.00 TO 10+32.40	STD. C&G MOD	139

SIDEWALK-4 INCH CONCRETE			
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
RT.	10+18.79 TO 10+41.50	14	10+36.81
L1.	10+74.17 TO 11+50.00	44	10+76.58
R1.	11+13.15 TO 11+50.00	24	11+14.67
L1.	10+54.88 TO 10+75.00	76	-

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
10+76.99	37.13	LT.	10
10+37.26	59.31	RT.	10
11+15.92	80.07	RT.	10

DITCH CONSTRUCTION CHART								
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS		TYPE
	X	10+49 TO 10+90.00	TURFMAT TYPE I	66 SY	1.5			V
X		10+61.65 TO 10+10.09	TURFMAT TYPE I	68 SY	1.5			V
	X	10+65 TO 10+75	TURFMAT TYPE I	9 SY	1.5			V
X		10+68.06 TO 10+75	TURFMAT TYPE I	157 SY	1.5			V
	X	10+00 TO 10+90.00	TURFMAT TYPE I	398 SY	1.5			V
	X	10+43.21 TO 10+60.00	ECB	80 SY	1.5			V
	X	10+00 TO 10+47.48.40	ECB	139 SY	1.5			V

LT. STA. 10+04 - REMOVE 21 SQ. YDS. OF EXISTING PAVEMENT.

LT. STA. 10+50 - SHEET RATA - ITEM 11-85IA.10

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R11

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1013+00 TO STA. 1019+00

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R02100PL_KY 192-1043.DGN

MATCHLINE STA. 1043+00 SHEET R19

1043+00

1044+00

1045+00

1046+00

1047+00

1048+00

1049+00

MATCHLINE STA. 1049+00 SHEET R23

KY 192

Proposed ℄ KY 192

Spec. "V" Ditch

Disturb Limits

Grade to Drain

Temp. Esmt. for Striping Operations

Temp. Esmt. for Entr. & Backslope Const.

REMOVE PAVEMENT

18" Pipe

15" Pipe

24" Pipe

220' Storage Lane

100' Taper

Concrete Median

S 52°16'53" E

4.5'

6.5'

6'

8.28'

+25

+30

+50

+75

R 64'

R 39'

R 20'

R 600'

EXISTING R/W

4' WOVEN WIRE

4' CHAIN LINK

3/8" REBAR (BENT)

3/8" REBAR

4' CHAIN LINK (DESTROYED)

SIGN

GAS LINE MARKER & VENT

INLET w/ GRATE T/G=1213.45 INV.(SW)=1211.35 INV.(NW)=1211.20

6" PVC STORM APPROX. DIRECTION

RT. STA. 1044+34 - REMOVE 441 SQ. YDS. OF EXISTING PAVEMENT.

WARNING NOTE: POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

YARD DRAIN INLET=1217.32

PIN & CAP #2569

YARD DRAIN INLET=1217.44

P/33 — 1st TRUST BANK, INC. D.B. 667, PG. 92 — ASPHALT

P/33 — SABATINI-HAZLETT LAND & CATTLE COMPANY #2 D.B. 687, PG. 357 — 1 STORY BRICK (PIZZA HUT)

P/33 — CARDINAL LEASING, INC. D.B. 583, PG. 253 D.B. 277, PG. 44 (R/W)

P/133 — GLENN WILLIAMS, TRUSTEE, GLENN HOUSE INTER VIVOS TRUST AND THE WILETTA HOUSE INTER VIVOS TRUST (28.57% Interest)
CHARLES R. LUKER (28.57% Interest)
BAXTER BLEDSOE JR. (20% Interest)
BRUCE AND SHIRLEY CHESNUT (20% Interest)
STEPHEN D. AND LISA OLIVER (2.86% Interest)
W.B. 41, PG. 156, W.B. 37, PG. 98, W.B. 31, PG. 288
D.B. 384, PG. 9, D.B. 372, PG. 380, D.B. 365, PG. 63
D.B. 364, PG. 427, D.B. 354, PG. 176, D.B. 348, PG. 336
D.B. 316, PG. 173, D.B. 315, PG. 412, D.B. 313, PG. 516, D.B. 304, PG. 352

P/32 — FIRST NATIONAL BANK AND TRUST D.B. 417, PG. 447

P/35 — GALILEO LONDON MARKETPLACE, LLC TRACT II D.B. 593, PG. 297 DBA: Brixmore GA London Marketplace LLC

P/37 — FARMERS NATIONAL BANK D.B. 452, PG. 46

P/39 — INTERSTATE LAND HOLDINGS LONDON, LLC D.B. 597, PG. 367 (Parcel 2) D.B. 277, PG. 44 (R/W)

P/40 — TRINITY SWB PROPERTIES, LLC D.B. 632, PG. 18 D.B. 632, PG. 24 D.B. 772, PG. 413 (Split-Off) P.C. 3A, Slide 28

CHAUDHRY INVESTMENTS, LLC D.B. 772, PG. 413 P.C. 3A, Slide 28

SHIRLEY LANE ASHER D.B. 636, PG. 24

LONDON SHOPPING CENTER ACCESS ROAD

CANOPY (MARATHON OIL)

CANOPY (SHELL OIL)

EXISTING R/W LANDSCAPE TIMBERS

EXISTING R/W WOOD RAIL FENCE

OVERHEAD UTILITY ELEV. = 1238.72

OVERHEAD UTILITY ELEV. = 1234.83

OVERHEAD UTILITY ELEV. = 1233.62

OVERHEAD UTILITY ELEV. = 1247.15

OVERHEAD UTILITY ELEV. = 1235.09

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1043+00.00 TO 1049+00.00	STD. C&G MOD	601
MED.	1043+00.00 TO 1049+00.00	STD. C&G MOD	601
MED.	1043+00.00 TO 1049+00.00	STD. C&G MOD	601
RT.	1043+00.00 TO 1045+28.47	STD. C&G MOD	276
RT.	1044+81.15 TO 1045+28.47	STD. C&G	69
RT.	1045+38.46 TO 1045+50.95	STD. C&G	26
RT.	1045+50.95 TO 1049+00.00	STD. C&G MOD	352
LT.	1044+76.66 TO 1045+52.60	STD. HEADER	76

CONSTRUCT ENTRANCES					DRIVEWAY			
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
RT.	APPROX. 1045+40	COM.	16.46	98	6.7	3.6	9.3	24"

DRAINAGE STRUCTURE CONSTRUCTION						
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.	
T0	DBI TYPE 13 (G)	1210.98	1204.06	1203.98	R313	
T1	DBI TYPE 13 (G)	1213.05	1208.51, 1205.22	1205.13	R316	
T2	CBI TYPE A	1221.05	---	1216.55	R316	
TX0	S & F HDWL.	---	---	1208.35	R316A	
TX1	S & F HDWL.	---	1210.15	---	R316A	
S0	CBI TYPE A	1212.78	1208.28, 1206.03	1205.95	R315	
S1	S & F HDWL.	---	1206.19	---	R315	
S2	CBI TYPE A	1221.05	---	1216.55	R315	

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1043+00 TO 1043+50	ECB	61 SY	1.5		V
X		1043+00 TO 1043+75	TURFMAT TYPE 1	122 SY	2.		V
	X	1043+50 TO 1049+00	TURFMAT TYPE 1	653 SY	1.5		V
	X	1043+75 TO 1044+27	TURFMAT TYPE 1	64 SY	1.5		V
	X	1045+62 TO 1046+50	TURFMAT TYPE 1	125 SY	2.		V

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R21

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1043+00 TO STA. 1049+00

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R02100PL_KY 192-1043.DGN

MATCHLINE STA. 1043+00 SHEET R19

1043+00

1044+00

1045+00

1046+00

1047+00

1048+00

1049+00

MATCHLINE STA. 1049+00 SHEET R23

KY 192

Proposed ℄ KY 192

220' Storage Lane

100' Taper

Concrete Median

S 52°16'53" E

LONDON SHOPPING CENTER ACCESS ROAD

Disturb Limits

Grade to Drain

Spec. "V" Dt.

REMOVE PAVEMENT

Temp. Esmt. for Striping Operations

Temp. Esmt. for Entr. & Backslope Const.

(Remove)

18" Pipe

15" Pipe

24" Pipe

6" PVC STORM APPROX. DIRECTION

EXISTING R/W

4' WOVEN WIRE

4' CHAIN LINK

LANDSCAPE TIMBERS

EXISTING WOOD RAIL FENCE

GAS LINE MARKER & VENT

INLET w/ GRATE T/G=1213.45 INV.(SW)=1211.35 INV.(NW)=1211.20

INLET= 1206.00

INLET= 1209.38

INLET= 1209.51

OUTLET= 1205.05

OUTLET= 1207.93

OUTLET= 1214.56 (4" CPP)

OUTLET= 1215.43 (4" CPP)

OUTLET= 1207.33

SAN. MH TOP= 1211.74 INV.= 1203.94

SAN. MH TOP= 1211.07 INV.= 1205.96

INLET= SLOTTED

YARD DRAIN INLET=1217.32

YARD DRAIN INLET=1217.44

PIN & CAP #2569

CHAUDHRY INVESTMENTS, LLC D.B. 772, PG. 413 P.C. 3A, Slide 28

FARMERS NATIONAL BANK D.B. 452, PG. 46

FIRST NATIONAL BANK AND TRUST D.B. 417, PG. 447

GALILEO LONDON MARKETPLACE, LLC TRACT II D.B. 593, PG. 297 DBA: Brixmore GA London Marketplace LLC

1ST TRUST BANK, INC. D.B. 667, PG. 92

SABATINI-HAZLETT LAND & CATTLE COMPANY #2 D.B. 687, PG. 357 1 STORY BRICK (PIZZA HUT)

CARDINAL LEASING, INC. D.B. 583, PG. 253 D.B. 277, PG. 44 (R/W)

INTERSTATE LAND HOLDINGS LONDON, LLC D.B. 597, PG. 367 (Parcel 2) D.B. 277, PG. 44 (R/W)

SHIRLEY LANE ASHER D.B. 636, PG. 24

TRINITY SWB PROPERTIES, LLC D.B. 632, PG. 18 D.B. 632, PG. 24 D.B. 772, PG. 413 (Split/Off) P.C. 3A, Slide 28

CANOPY (MARATHON OIL)

CANOPY (SHELL OIL)

GLENN WILLIAMS, TRUSTEE, GLENN HOUSE INTER VIVOS TRUST AND THE WILETTA HOUSE INTER VIVOS TRUST (28.57% Interest)
CHARLES R. LUKER (28.57% Interest)
BAXTER BLEDSOE JR. (20% Interest)
BRUCE AND SHIRLEY CHESNUT (20% Interest)
STEPHEN D. AND LISA OLIVER (2.86% Interest)
W.B. 41, PG. 156, W.B. 37, PG. 98, W.B. 31, PG. 288
D.B. 384, PG. 9, D.B. 372, PG. 380, D.B. 365, PG. 63
D.B. 364, PG. 427, D.B. 354, PG. 176, D.B. 348, PG. 336
D.B. 316, PG. 173, D.B. 315, PG. 412, D.B. 313, PG. 516, D.B. 304, PG. 352

RT. STA. 1044+34 - REMOVE 441 SQ. YDS. OF EXISTING PAVEMENT.

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
T0	DBI TYPE 13 (G)	1210.98	1204.06	1203.98	R313
T1	DBI TYPE 13 (G)	1213.05	1208.51, 1205.22	1205.13	R316
T2	CBI TYPE A	1221.05	---	1216.55	R316
TX0	S & F HDWL.	---	---	1208.35	R316A
TX1	S & F HDWL.	---	1210.15	---	R316A
S0	CBI TYPE A	1212.78	1208.28, 1206.03	1205.95	R315
S1	S & F HDWL.	---	1206.19	---	R315
S2	CBI TYPE A	1221.05	---	1216.55	R315

CONSTRUCT ENTRANCES									
SIDE	℄ STA.	TYPE	WIDTH (FT)	DRIVEWAY				PIPE TYPE	
				AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)		
RT.	APPROX. 1045+40	COM.	16.46	98	6.7	3.6	9.3	24"	

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1043+00.00 TO 1049+00.00	STD. C&G MOD	601
MED.	1043+00.00 TO 1049+00.00	STD. C&G MOD	601
MED.	1043+00.00 TO 1049+00.00	STD. C&G MOD	601
RT.	1043+00.00 TO 1045+28.47	STD. C&G MOD	276
RT.	1044+81.15 TO 1045+28.47	STD. C&G	69
RT.	1045+38.46 TO 1045+50.95	STD. C&G	26
RT.	1045+50.95 TO 1049+00.00	STD. C&G MOD	352
LT.	1044+76.66 TO 1045+52.60	STD. HEADER	76

DITCH CONSTRUCTION CHART						
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1043+00 TO 1043+50	ECB	61 SY	1.5		V
X		1043+00 TO 1043+75	TURFMAT TYPE 1	122 SY	2.		V
	X	1043+50 TO 1049+00	TURFMAT TYPE 1	653 SY	1.5		V
	X	1043+75 TO 1044+27	TURFMAT TYPE 1	64 SY	1.5		V
	X	1045+62 TO 1046+50	TURFMAT TYPE 1	125 SY	2.		V

SCALE: 1"= 20'

0' 20' 40' 80'

KY 192
PLAN SHEET
STA. 1043+00 TO STA. 1049+00

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R21

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R02300PL_KY 192-1049.DGN

MATCHLINE STA. 1049+00 SHEET R21

MATCHLINE STA. 2002+00 SHEET R67

MATCHLINE STA. 1055+00 SHEET R25

Sta. 1050+18.19 Proposed ℄ KY 192 = Sta. 2000+00.00 Proposed ℄ London Marketplace Road

Proposed ℄ London Marketplace Road

Proposed ℄ KY 192

Temp. Esmt. for Entr. & Backslope Const.

Temp. Esmt. for Entr. Const.

Disturb Limits

Concrete Median

180' Storage

100' Taper

Removed From Service

EXISTING R/W

4' CHAIN LINK

TRINITY SWB PROPERTIES, LLC
DB. 632, PG. 18
DB. 632, PG. 24
DB. 772, PG. 413 (Sell-Off)
P.C. 3A, Slide 28

INTERSTATE LAND HOLDINGS LONDON, LLC
D.B. 597, PG. 367 (Parcel 2)
D.B. 277, PG. 44 (R/W)

1 STORY BLOCK (SHELL OIL)

Easement for Ingress & Egress
D.B. 621, PG. 61

SANCO RETAINING WALL WITH IRON FENCE

VPR PROPERTIES, LLC
D.B. 62, PG. 61
D.B. 273, PG. 321 (R/W)
D.B. 487, PG. 42 (Excess R/W)

(VERIZON WIRELESS)

1 STORY BLOCK

BASKIN ROBBINS / DUNKIN' DONUTS
1-STORY STONE & STUCCO

1-STORY BRICK (AT&T)

GALILEO LONDON MARKETPLACE, LLC
TRACT I
D.B. 593, PG. 297
DBA: Brixmore GA London Marketplace LLC

EL & S DEVELOPERS, LLC
D.B. 706, PG. 7
D.B. 273, PG. 321 (R/W)
D.B. 295, PG. 457 (R/W)
D.B. 261, PG. 597 (R/W)
D.B. 487, PG. 42 (Excess R/W)

B.J. MOORE
D.B. 428, PG. 33

MARKETPLACE SPUR

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

DITCH CONSTRUCTION CHART					
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS
X		1049+00 TO 1049+65.07	TURFMAT TYPE 1	90 SY	1.5	
X		1053+53 TO 1055+00	TURFMAT TYPE 1	156 SY	1.5	

CONSTRUCT ENTRANCES				DRIVEWAY			
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)
LT.	1050+12.68	COM.	43.2	207	14.2	15.8	13.0

PIPE TYPE
-
V
V

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1049+00.00 TO 1049+77.81	STD. C&G MOD	88
MED.	1049+00.00 TO 1055+00.00	STD. C&G MOD	600
MED.	1049+00.00 TO 1055+00.00	STD. C&G MOD	601
RT.	1049+00.00 TO 1049+58.60	STD. C&G MOD	62
LT.	1049+51.18 TO 1049+77.81	STD. C&G	57
RT.	1049+80.33 TO 1050+59.67	STD. C&G MOD	98
LT.	1050+30.53 TO 1050+36.72	STD. C&G	37
RT.	1050+36.72 TO 1055+00.00	STD. C&G MOD	467
RT.	1050+97.22 TO 1055+00.00	STD. C&G MOD	404
MED.	2000+51.54 TO 2001+34.25	STD. C&G	188
RT.	2000+52.64 TO 2001+60.68	STD. C&G	123
LT.	2000+55.26 TO 2001+61.77	STD. C&G	144

DRAINAGE STRUCTURE CONSTRUCTION				
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
U0	EX. HDWL.	---	---	1218.99	R345
U1	CBI TYPE A	1229.69	---	1225.19	R345
U2	DBI TYPE 13 (G)	1227.84	1220.69	1220.66	R345
U3	DBI TYPE 13 (G)	1227.99	1223.00, 1219.56	1219.48	R345
U4	EX. HDWL.	---	1221.18	---	R345
V0	DBI TYPE 13 (G)	1231.20	1223.48, 1223.38, 1226.59	1221.70	R317
V1	MANHOLE TYPE A	1230.50	1225.10	1224.83	R318
V2	DBI TYPE 1 (S)	1229.00	1224.08	1224.00	R317
V3	DBI TYPE 13 (S)	1229.06	1224.40	1224.31	R317
V4	DBI TYPE 13 (S)	1228.83	---	1224.83	R317
V5	MANHOLE TYPE A	1235.00	1231.09, 1231.00	1230.00	R319
V6	S & F HDWL.	---	1231.50	---	R319
V7	CBI TYPE A	1234.89	1229.72, 1229.70	1229.64	R317
V8	CBI TYPE A	1233.66	1228.75	1228.66	R317
V9	CBI TYPE A	1235.79	---	1231.29	R317
W0	S & F HDWL.	---	---	1228.59	R320
W1	CBI TYPE A	1233.39	1228.97	1228.89	R320
W2	CBI TYPE A	1234.59	1230.18	1230.09	R320
W3	DBI TYPE 13 (G)	1236.65	1231.48	1231.40	R320
W4	DBI TYPE 13 (G)	1236.65	1231.73	1231.65	R320
W5	DBI TYPE 13 (G)	1236.96	1232.29	1232.21	R320

0' 20' 40' 80'

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1049+00 TO STA. 1055+00

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R23

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R02300PL_KY 192-1049.DGN

MATCHLINE STA. 1049+00 SHEET R21

MATCHLINE STA. 2002+00 SHEET R67

MATCHLINE STA. 1055+00 SHEET R25

Sta. 1050+18.19 Proposed ℄ KY 192 = Sta. 2000+00.00 Proposed ℄ London Marketplace Road

Proposed ℄ KY 192

Proposed ℄ London Marketplace Road

Disturb Limits

Concrete Median

180' Storage

100' Taper

Spec. "V" Dt.

Temp. Esmt. for Entr. & Backslope Const.

Temp. Esmt. for Entr. Const.

Removed From Service

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

DITCH CONSTRUCTION CHART

LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS
X		1049+00 TO 1049+65.07	TURFMAT TYPE 1	90 SY	1.5	
X		1053+53 TO 1055+00	TURFMAT TYPE 1	156 SY	1.5	

CONSTRUCT ENTRANCES

SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)
LT.	1050+12.68	COM.	43.2	207

DRIVEWAY

1¼" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)
14.2	15.8	13.0

PIPE TYPE
-

CURB & GUTTER CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1049+00.00 TO 1049+77.81	STD. C&G MOD	88
MED.	1049+00.00 TO 1055+00.00	STD. C&G MOD	600
MED.	1049+00.00 TO 1055+00.00	STD. C&G MOD	601
RT.	1049+00.00 TO 1049+58.60	STD. C&G MOD	62
LT.	1049+51.18 TO 1049+77.81	STD. C&G	57
RT.	1049+80.33 TO 1050+59.67	STD. C&G MOD	98
LT.	1050+30.53 TO 1050+36.72	STD. C&G	37
RT.	1050+36.72 TO 1055+00.00	STD. C&G MOD	467
RT.	1050+97.22 TO 1055+00.00	STD. C&G MOD	404
MED.	2000+51.54 TO 2001+34.25	STD. C&G	188
RT.	2000+52.64 TO 2001+60.68	STD. C&G	123
LT.	2000+55.26 TO 2001+61.77	STD. C&G	144

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
U0	EX. HDWL.	---	---	1218.99	R345
U1	CBI TYPE A	1229.69	---	1225.19	R345
U2	DBI TYPE 13 (G)	1227.84	1220.69	1220.66	R345
U3	DBI TYPE 13 (G)	1227.99	1223.00, 1219.56	1219.48	R345
U4	EX. HDWL.	---	1221.18	---	R345
V0	DBI TYPE 13 (G)	1231.20	1223.48, 1223.38, 1226.59	1221.70	R317
V1	MANHOLE TYPE A	1230.50	1225.10	1224.83	R318
V2	DBI TYPE 1 (S)	1229.00	1224.08	1224.00	R317
V3	DBI TYPE 13 (S)	1229.06	1224.40	1224.31	R317
V4	DBI TYPE 13 (S)	1228.83	---	1224.83	R317
V5	MANHOLE TYPE A	1235.00	1231.09, 1231.00	1230.00	R319
V6	S & F HDWL.	---	1231.50	---	R319
V7	CBI TYPE A	1234.89	1229.72, 1229.70	1229.64	R317
V8	CBI TYPE A	1233.66	1228.75	1228.66	R317
V9	CBI TYPE A	1235.79	---	1231.29	R317
W0	S & F HDWL.	---	---	1228.59	R320
W1	CBI TYPE A	1233.39	1228.97	1228.89	R320
W2	CBI TYPE A	1234.59	1230.18	1230.09	R320
W3	DBI TYPE 13 (G)	1236.65	1231.48	1231.40	R320
W4	DBI TYPE 13 (G)	1236.65	1231.73	1231.65	R320
W5	DBI TYPE 13 (G)	1236.96	1232.29	1232.21	R320

0' 20' 40' 80'

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1049+00 TO STA. 1055+00

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R23

REVISED 4/11/2023

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R02700PL_KY 192-1061.DGN

DITCH CONSTRUCTION CHART

LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1061+00 TO 1063+31.32	TURFMAT TYPE 1	263 SY	1.5		2' F.B.
	X	1061+10.10 TO 1061+42.49	TURFMAT TYPE 1	25 SY	1.5		V
X		1061+42.49 TO 1063+25	TURFMAT TYPE 1	183 SY	1.5		2' F.B.
	X	1063+25 TO 1063+70	TURFMAT TYPE 2	44 SY	1.5		2' F.B.
X		1063+70 TO 1064+00	TURFMAT TYPE 1	30 SY	1.5		2' F.B.

CURB & GUTTER CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1061+00.00 TO 1067+00.00	STD. C&G MOD	592
MED.	1061+00.00 TO 1067+00.00	STD. C&G MOD	601
MED.	1061+00.00 TO 1067+00.00	STD. C&G MOD	602
RT.	1061+28.12 TO 1067+00.00	STD. C&G MOD	584

STEEL "W" BEAM GUARDRAIL CONSTRUCTION

LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT TY 1 (Ea)	END TREATMENT TY 2A (Ea)	END TREATMENT TY 4A (Ea)
LT.	1061+00.00 TO 1067+00.00	600			
RT.	1061+00.00 TO 1067+00.00	625			

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
Y0	S & F HDWL.	---	---	1208.11	R321
Y1	CBI TYPE A	1231.88	1227.47	1227.38	R321
Y2	CBI TYPE B	1234.55	---	1230.30	R321
Z1	PIPE CULVERT HDWL.	---	1204.93	---	R321
Z0	PIPE CULVERT HDWL.	---	---	1201.08	R321

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74°52'51" Lt.
Ts = 2394.18'
Ls = 150.00'
Lc = 3750.85'
Ds = 1°29'50"
LT = 100.00'
ST = 50.00'
R = 2870'
E = 744.67'

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

THE FIRST PRESBYTERIAN CHURCH OF LONDON, KENTUCKY, INC.
D.B. 432, PG. 311
D.B.274,PG.137 (R/W)
E.B.16,PG.740 (R/W)

BLEDSOE,LLC.
D.B. 607, PG. 411
D.B. 607, PG. 415
D.B. 463, PG. 552 (Parent)
D.B. 269, PG. 155 (R/W)

DAWNY FORD SUE FORD
D.B. 595, PG. 577
D.B. 269, PG. 155 (R/W)

BARBARA FRENCH RUTH ANN HOWARD
D.B.689, PG.749
D.B. 695, PG. 830
D.B. 380, PG. 82 (Sell-Off)

ALLIANCE BANK, F.S.B.
D.B. 469, PG. 412

WILLIAM R. (BILL) PREWITT
D.B. 453, PG. 177

(WHOLESALE PLUMBING AND ELECTIC)
METAL 2 STORY & BRICK

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1061+00 TO STA. 1067+00

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R27

BURGESS & NIPLE

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bockhernns DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R02700PL_KY 192-1061.DGN

KY 192
PLAN SHEET
STA. 1061+00 TO STA. 1067+00

SCALE: 1"= 20'

0' 20' 40' 80'

STEEL "W" BEAM GUARDRAIL CONSTRUCTION						
LT. OR RT.	STATION TO STATION	SINGLE FACE (+1)	END TREATMENT TY 1 (ED)	TY 2A (ED)	TY 4A (ED)	
LT.	1061+00.00 TO 1067+00.00	600				
RT.	1061+00.00 TO 1067+00.00	625				

DRAINAGE STRUCTURE CONSTRUCTION				
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
Y0	S & F HDWL.	---	---	1208.11	R32I
Y1	CBI TYPE A	1231.88	1227.47	1227.38	R32I
Y2	CBI TYPE B	1234.55	---	1230.30	R32I
Z1	PIPE CULVERT HDWL.	---	1204.93	---	R32I
Z0	PIPE CULVERT HDWL.	---	---	1201.08	R32I

DITCH CONSTRUCTION CHART								
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE	
X		1061+00 TO 1063+31.32	TURFMAT TYPE 1	263 SY	1.5		2' F.B.
	X	1061+10.10 TO 1061+42.49	TURFMAT TYPE 1	25 SY	1.5		V	
	X	1061+42.49 TO 1063+25	TURFMAT TYPE 1	183 SY	1.5		2' F.B.	
	X	1063+25 TO 1063+70	TURFMAT TYPE 2	44 SY	1.5		2' F.B.	
	X	1063+70 TO 1064+00	TURFMAT TYPE 1	30 SY	1.5		2' F.B.	

CURB & GUTTER CONSTRUCTION				
SIDE	STA. TO STA.	TYPE	LENGTH (FT)	
LT.	1061+00.00 TO 1067+00.00	STD. C&G MOD	592	
MED.	1061+00.00 TO 1067+00.00	STD. C&G MOD	601	
MED.	1061+00.00 TO 1067+00.00	STD. C&G MOD	602	
RT.	1061+28.12 TO 1067+00.00	STD. C&G MOD	584	

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74°52'51" LT.
Ts = 2394.18'
Ls = 150.00'
Ls = 150.00'
LT = 100.00'
Ds = 1°29'50"
Lc = 3750.85'
ST = 50.00'
R = 2870'
E = 744.67'

BARBARA FRENCH
RUTH ANN HOWARD
D.B.689, PG.749
D.B. 695, PG. 830
D.B. 380, PG. 82 (Sell-Off)

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R27

REVISED 4/11/2023

BURGESS & NIPLE

Power InRoads v8.11.3.397 | E-SHEET NAME: | USER: bockhernS | DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\RO2900PL_KY 192-1067.DGN

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1067+00 TO STA. 1073+00

SIDE	CONSTRUCT ENTRANCES					DRIVEWAY			
	℄ STA.	TYPE	COM.	WIDTH (FT)	AREA (SQ YD)	1½" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
LT.	1068+61.35		COM.	44.3	279	19.2	17.7	29.7	-
RT.	1068+70		COM.	30.0	65	4.5	10.7	33.6	-

RT.	1070+74.27 TO 1073+00.00	237.5	1				
RT.	1067+00.00 TO 1067+50.00	62.5		1			
LT.	1067+00.00 TO 1067+70.36	75	1				
LT. OR RT.	STATION TO STATION	SINGLE FACE (FT)	END TREATMENT TY 1 (EG)	TY 2A (EG)	TY 4A (EG)		

STEEL "W" BEAM GUARDRAIL CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
AA0	S & F HDWL.	---	1222.82		R324
AA1	DBI TYPE 13 (G)	1228.55	1224.13	1224.05	R322
AA2	CBI TYPE A	1231.73	---	1227.23	R322
BB0	DBI TYPE 5D	1220.48	1205.82	1205.74	R373
BB1	DBI TYPE 5D	1219.00	1214.50, 1206.83	1206.75	R373
BB2	CBI TYPE A	1220.07	1214.65	1214.57	R372
BB3	CBI TYPE B	1219.75	1215.08	1215.00	R372
BB4	CBI TYPE B	1219.50	1215.33	1215.25	R372
BB5	CBI TYPE B	1219.82	---	1215.57	R372
BB6	DBI TYPE 11	1211.68	1209.60, 1207.50	1207.18	R373
BB7	DBI TYPE 11	1211.75	1207.83	1207.75	R373
BB8	DBI TYPE 15	1221.00	---	1216.00	R373
CC1	DBI TYPE 5D	1220.00	1216.25, 1203.74, 1203.74	1203.74	R374
CC2	CBI TYPE A	1221.48	1216.56, 1216.56, 1216.56	1216.48	R374
CC3	CBI TYPE A	1221.53	---	1217.03	R374
CC7	DBI TYPE 13 (S)	1222.28	---	1218.03	R374

DRAINAGE STRUCTURE CONSTRUCTION

LT.	1602+23.44 TO 1604+25.56	STD. HEADER	203				
LT.	1601+80.34 TO 1601+80.64	STD. HEADER	4				
LT.	1604+31.92 TO 1604+25.54	STD. C&G	545				
RT.	1600+28.82 TO 1604+25.34	STD. C&G	405				
LT.	1068+95.43 TO 1073+00.00	STD. C&G MOD	402				
RT.	1068+91.62 TO 1073+00.00	STD. C&G MOD	419				
LT.	1068+89.78 TO 1068+95.43	STD. C&G	14				
RT.	1068+84.06 TO 1068+91.62	STD. C&G	24				
RT.	1068+48.38 TO 1068+53.40	STD. C&G	18				
LT.	1068+21.25 TO 1068+42.09	STD. C&G	55				
RT.	1067+00.00 TO 1068+48.38	STD. C&G MOD	155				
MED.	1067+00.00 TO 1073+00.00	STD. C&G MOD	602				
MED.	1067+00.00 TO 1073+00.00	STD. C&G MOD	599				
LT.	1067+00.00 TO 1068+21.25	STD. C&G MOD	121				

CURB & GUTTER CONSTRUCTION

LT.	1072+81.62 TO 1073+00.00	TURFMAT TYPE 1	24 SY	1.5		2', F.B.	
RT.	1067+00 TO 1068+38.18	TURFMAT TYPE 1	155 SY	1.5		2', F.B.	
LT.	1600+50 TO 1604+00	ECB	430 SY	1.5			V
LT RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE	

DITCH CONSTRUCTION CHART

LT.	1602+23.44 TO 1604+25.56	STD. HEADER	203				
LT.	1601+80.34 TO 1601+80.64	STD. HEADER	4				
LT.	1604+31.92 TO 1604+25.54	STD. C&G	545				
RT.	1600+28.82 TO 1604+25.34	STD. C&G	405				
LT.	1068+95.43 TO 1073+00.00	STD. C&G MOD	402				
RT.	1068+91.62 TO 1073+00.00	STD. C&G MOD	419				
LT.	1068+89.78 TO 1068+95.43	STD. C&G	14				
RT.	1068+84.06 TO 1068+91.62	STD. C&G	24				
RT.	1068+48.38 TO 1068+53.40	STD. C&G	18				
LT.	1068+21.25 TO 1068+42.09	STD. C&G	55				
RT.	1067+00.00 TO 1068+48.38	STD. C&G MOD	155				
MED.	1067+00.00 TO 1073+00.00	STD. C&G MOD	602				
MED.	1067+00.00 TO 1073+00.00	STD. C&G MOD	599				
LT.	1067+00.00 TO 1068+21.25	STD. C&G MOD	121				

CURB & GUTTER CONSTRUCTION

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

RT. STA. 1068+84.06 TO RT. STA. 1068+86.60 TRANSITION STANDARD CURB AND GUTTER FROM A 1' GUTTER PAN TO A 2' GUTTER PAN.

JACK BRUNER.ET.AL.
W.B.29,PG.42
D.B. 302,PG.33
E.B.15,PG.455
E.B.16,PG.723 (R/W)
D.B.738,PG.289 (Sell-off)
D.B.705,PG.239 (Sell-off)
P 56
Plat Cabinet 1A,Slide 365

HOGAN HOLDINGS 73,LLC
D.B.765,PG.775
Plat Cabinet 3A,Slide 45 STOCKPILES

BLEDSOE,LLC.
D.B. 607, PG. 411
D.B. 607, PG. 415
D.B. 463, PG. 552 (Parcel)
D.B. 269, PG. 155 (R/W)

SOUTH PLAZA,LLC
D.B. 559, PG. 582
P 55

EDDSELL TERRY REECE
MICHELLE LEE REECE
D.B. 508, PG. 350
P 54

WILLIAM R. (BILL) PREMITT
D.B. 453, PG. 177
P 52

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74°52'51" Lt.
Ts = 2394.18'
Ls = 150.00'
LC = 3750.85'
DS = 1°29'50"
LT = 100.00'
ST = 50.00'
R = 2870'
E = 744.67'

Entrance Conn. Road
Curve Data
P.I. Sta. 1601+08.77
D = 8°15'42.78"
T = 72.22'
L = 144.20'
R = 1000.00'
E = 2.60'

LT. STA. 1601+15 TO 1602+05 CONSTRUCT STANDARD GRAVITY RETAINING WALL WITH 44.9 CUYD OF CLASS B CONCRETE & 16 CUYD OF STRUCTURAL EXCAVATION

DIALYSIS SERVICES OF LONDON
306

COUNTY OF	ITEM NO.	SHEET NO.	
LAUREL	11-0187.00	R29	

BURGESS & NIPLE

Power InRoads v8.11.3.397 | E-SHEET NAME: | USER: bockhernS | DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\RO2900PL_KY 192-1067.DGN

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1067+00 TO STA. 1073+00

SIDE	CONSTRUCT ENTRANCES					DRIVEWAY			
	℄ STA.	TYPE	COM.	WIDTH (FT)	AREA (SQ YD)	1½" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
LT.	1068+61.35	CM	44.3	30.0	279	19.2	17.7	29.7	-
RT.	1068+70	COM.	30.0	65	4.5	10.7	33.6	-	

	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
LT	RT					
	X	1600+50 TO 1604+00	ECB	430 SY	1.5	2' F.B.
	X	1072+81.62 TO 1073+00	TURFMAT TYPE I	24 SY	1.5	2' F.B.
X		1067+00 TO 1068+38.18	TURFMAT TYPE I	155 SY	1.5	2' F.B.

DITCH CONSTRUCTION CHART

NAME	TYPE	F/L OR T/C	INV. IN	INV. OUT	S.S. PROF.
AA0	S & F HDWL.	---	1222.82		R374
AA1	DBI TYPE 13 (G)	1228.55	1224.13	1224.05	R322
AA2	CBI TYPE A	1231.73	---	1227.23	R322
BB0	DBI TYPE 5D	1220.48	1205.82	1205.74	R373
BB1	DBI TYPE 5D	1219.00	1214.50, 1206.83	1206.75	R373
BB2	CBI TYPE A	1220.07	1214.65	1214.57	R372
BB3	CBI TYPE B	1219.75	1215.08	1215.00	R372
BB4	CBI TYPE B	1219.50	1215.33	1215.25	R372
BB5	CBI TYPE B	1219.82	---	1215.57	R372
BB6	DBI TYPE 11	1211.68	1209.60, 1207.50	1207.18	R373
BB7	DBI TYPE 11	1211.75	1207.83	1207.75	R373
BB8	DBI TYPE 15	1221.00	---	1216.00	R373
CC1	DBI TYPE 5D	1220.00	1216.25, 1203.74, 1203.74	1203.74	R374
CC2	CBI TYPE A	1221.48	1216.56, 1216.56, 1216.56	1216.48	R374
CC3	CBI TYPE A	1221.53	---	1217.03	R374
CC7	DBI TYPE 13 (S)	1222.28	---	1218.03	R374

DRAINAGE STRUCTURE CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1067+00.00 TO 1068+21.25	STD. C&G MOD	121
MED.	1067+00.00 TO 1073+00.00	STD. C&G MOD	599
MED.	1067+00.00 TO 1073+00.00	STD. C&G MOD	602
RT.	1067+00.00 TO 1068+48.38	STD. C&G MOD	155
LT.	1068+21.25 TO 1068+42.09	STD. C&G	55
RT.	1068+48.38 TO 1068+53.40	STD. C&G	18
RT.	1068+84.06 TO 1068+91.62	STD. C&G	24
LT.	1068+89.78 TO 1068+95.43	STD. C&G	14
RT.	1068+91.62 TO 1073+00.00	STD. C&G MOD	419
LT.	1068+95.43 TO 1073+00.00	STD. C&G MOD	402
RT.	1068+28.82 TO 1604+25.34	STD. C&G	405
LT.	1600+31.92 TO 1604+25.54	STD. C&G	545
LT.	1601+80.34 TO 1601+80.64	STD. HEADER	4
LT.	1602+23.44 TO 1604+25.56	STD. HEADER	203

CURB & GUTTER CONSTRUCTION

LT.	STATION TO STATION	SINGLE FACE (FT)	END TREATMENT TY 1 (EG)	TY 2A (EG)	TY 4A (EG)
LT.	1067+00.00 TO 1067+70.36	75	1		
RT.	1067+00.00 TO 1067+50.00	62.5		1	
RT.	1070+74.27 TO 1073+00.00	237.5	1		

STEEL "W" BEAM GUARDRAIL CONSTRUCTION

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R29

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R31

STA. 1606+34.42, 13.00' RT. CONSTRUCT FLUME INLET TYPE 2.

Lt. Sta. 1074+37 - Plug and Safelead Ex. 15" CMP (6 Cu. Yd.)
Lt. Sta. 1075+03 - Plug and Safelead Ex. 15" RCP (3 Cu. Yd.)

Ledford Road Curve Data
P.I Sta. 701+49.79
D = 40°51'11" Rt.
T = 37.24'
L = 71.30'
R = 100.00'
E = 6.71'

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74°52'51" Lt.
Ts = 2394.18'
Ls = 150.00'
Lc = 3750.85'
Ds = 1°29'50"
LT = 100.00'
ST = 50.00'
R = 2870'
E = 744.67'

Sta. 701+31.57 Proposed ℄ Ledford Road = Sta. 1606+77.67 Proposed ℄ Entrance Connector Road

Sta. 1075+75.60 Proposed ℄ KY 192 = Sta. 702+34.62 Proposed ℄ Ledford Road

1605+00 1606+00 1073+00 1074+00 1075+00 701+00 1076+00 1077+00 1078+00 1079+00 702+00 703+00

1 STORY BLOCK (MINUTEMAN PRESS)
SOUTH PLAZA, LLC D.B. 559, PG. 582 (P 55)
INLET w/ GRATE T/G=1221.77 INV. (4")=1218.37 INV. (24")=1211.04
6" PVC APPROX. DIRECTION
4" PVC APPROX. DIRECTION
24" RCP STORM
ROB 700+00
STONE RETAINING WALL
STA. 700+67.76 BEGIN CONSTRUCTION
S42°57'05"E
LEDFORD ROAD
Temp. Esmt. for Entr. & Backslope Const.
Temp. Esmt. for Entr. Const.
1075+51.56 150.00
1075+68.00 164.00
1073+50.00 140.00
1073+00.00 129.00
1074+88.00 157.06
1074+88.00 136.00
Prop. R/W
EXISTING R/W
1073+41.92 3/8" REBAR 123.76
Proposed ℄ Entrance Conn. Road
S87°02'02"E
15" Pipe
CC4
PVC Line
Ex. Pipe
24" RCP
GRATE TOP=1221.24 INV.=1214.60 (15") INV.=1209.71
CC6
CATV/ ELEC.
Spec. "V" Dt.
15" CMP Plug and Safelead
Remove From Service
GRATE TOP=1222.56 INV.=1219.28 OUTLET= 1222.80 (4" CPP)
DD2
R 400'
R 18'
R 75'
SIGN
PT 701+83.85
1075+19.62 124.00
1075+22.57 120.86
1075+81.16 117.38
PC 701+12.50
R 15'
NOTE
DD1
POST
DND
P 12.6'
ASPHALT
PI 701+49.79
R 20'
1076+50.00 86.00
1076+19.52 73.74
4E, 1T
Temp. Esmt. for Backslope Const.
Disturb Limits
EXISTING R/W
Normal "V" Dt.
R 100'
R 50'
CATV/ ELEC.
OWV
P 57
BENGE PROPERTIES, LLC D.B. 521, PG. 153 D.B. 568, PG. 253 (Excess R/W)

SHEET R29
MATCHLINE STA. 1073+00
CONC.
Conc. Median
100' Taper
ASPHALT
KY 192
DD1
Remove From Service
GRATE TOP=1227.58 INV.=1223.02
18" Pipe
15" RCP Plug and Safelead
15" Pipe
R 3'
R 75'
S2°05'54"E
90°0'0"
Proposed ℄ Ledford Road
Prop. Guardrail
OUTLET= 1225.50 (4" CPP)
ELEC.
PC 702+96.19
4E
MATCHLINE STA. 703+00
SHEET R73
DD0
WM
GM
SAN
GLM
OGV
1073+15.61 124.22
IP w/ CAP LL PHELPS PLS 3266
Spec. Surf. Dt.
Disturb Limits
EXISTING R/W
1075+15.00 117.00
1073+17.79 148.25
Prop. R/W
1074+00.96 140.91
P 56
JACK BRUNER, ET. AL. W.B. 29, PG. 42 D.B. 302, PG. 33 E.B. 15, PG. 455 (R/W) E.B. 16, PG. 723 (R/W) D.B. 705, PG. 239 (Sell-off) D.B. 738, PG. 289 (Sell-off) Plat Cabinet 1A, Slide 365
P 58
DON FRANKLIN AUTO PROPERTIES, LLC D.B. 705, PG. 602 D.B. 705, PG. 239 D.B. 738, PG. 289 D.B. 270, PG. 112 (R/W)

SHEET R33
MATCHLINE STA. 1079+00
ASPHALT
100' Taper
Proposed ℄ KY 192
Concrete Median
Proposed ℄ Ledford Road
C.P. 108
OUTLET= 1226.79 (4" CPP)
R 20'
R 70'
Disturb Limits

Ledford Road Curve Data
P.I Sta. 703+57.45
D = 23°04'55" Rt.
T = 61.26'
L = 120.86'
R = 300.00'
E = 6.19'

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1073+00.00 TO 1075+43.93	STD. C&G MOD	242
MED.	1073+00.00 TO 1074+94.38	STD. C&G MOD	390
RT.	1073+00.00 TO 1075+24.68	STD. C&G MOD	232
MED.	1076+53.66 TO 1079+00.00	STD. C&G MOD	496
RT.	700+67.80 TO 700+81.04	STD. C&G	21
RT.	701+21.03 TO 701+67.61	STD. C&G	43
LT.	701+51.16 TO 701+69.14	STD. C&G	44
RT.	702+95.14 TO 703+00.00	STD. C&G	7
RT.	1604+25.34 TO 1606+46.73	STD. C&G	222
LT.	1604+25.54 TO 1606+24.15	STD. C&G	200
LT.	1604+25.56 TO 1606+19.62	STD. HEADER	195

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
CC4	CBI TYPE A	1221.53	---	1217.03	R374
CC6	JUNCTION BOX	1222.50	1214.60, 1209.71	1209.71	R373
DD2	DBI TYPE 13 (G)	1225.32	---	1220.82	R322
DD1	DBI TYPE 13 (G)	1227.84	1220.42	1220.34	R322
DDO	S & F HDWL.	---	---	1219.53	R322

STEEL "W" BEAM GUARDRAIL CONSTRUCTION					
LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT TY 1 (Ea)	TY 2A (Ea)	TY 4A (Ea)
RT.	1073+00.00 TO 1075+28.44	237.5			

CONSTRUCT ENTRANCES				DRIVEWAY				
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
LT.	701+25	COM.	55.9	162	11.1	1.5	2.4	-

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	1073+00 TO 1075+00	TURFMAT TYPE 1	256 SY	1.5		2' F.B.
	X	1076+40.10 TO 1076+50	TURFMAT TYPE 1	14 SY	1.5		V
X		1076+37.67 TO 1079+00	ECB	448 SY	1.5		V
	X	1076+50 TO 1079+00	ECB	345 SY	1.5		V
	X	1604+00 TO 1606+50	ECB	350 SY	1.5		V

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

0' 20' 40' 80'

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1073+00 TO STA. 1079+00

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R0300PL_KY 192-1073.DGN
USER: bockherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R31

REVISED 4/11/2023

Lt. Sta. 1074+37 - Plug and Safelead Ex. 15" CMP (6 Cu. Yd.)
Lt. Sta. 1075+03 - Plug and Safelead Ex. 15" RCP (3 Cu. Yd.)

STA. 1606+34.42, 13.00' RT. CONSTRUCT FLUME INLET TYPE 2.

Ledford Road Curve Data
P.I Sta. 701+49.79
D = 40°51'11" Rt.
T = 37.24'
L = 71.30'
R = 100.00'
E = 6.71'

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74°52'51" Lt.
Ts = 2394.18'
Ls = 150.00'
Lc = 3750.85'
Ds = 1°29'50"
LT = 100.00'
ST = 50.00'
R = 2870'
E = 744.67'

Sta. 701+31.57 Proposed ℄ Ledford Road = Sta. 1606+77.67 Proposed ℄ Entrance Connector Road

Sta. 1075+75.60 Proposed ℄ KY 192 = Sta. 702+34.62 Proposed ℄ Ledford Road

STA. 700+67.76
BEGIN CONSTRUCTION

Temp. Esmt. for Entr. & Backslope Const.

Temp. Esmt. for Entr. Const.

Temp. Esmt. for Backslope Const.

Proposed ℄ Entrance Conn. Road

Proposed ℄ Ledford Road

Proposed ℄ KY 192

Prop. R/W

EXISTING R/W

Disturb Limits

Spec. "V" Dt.

Normal "V" Dt.

Spec. Surf. Dt.

Remove From Service

Plug and Safelead

Prop. Guardrail

PVC Line Ex. Pipe

PT 701+83.85

PC 701+12.50

PI 701+49.79

PG 702+96.19

MATCHLINE STA. 1073+00 SHEET R29

MATCHLINE STA. 703+00 SHEET R73

MATCHLINE STA. 1073+00 SHEET R33

MATCHLINE STA. 1079+00

SOUTH PLAZA, LLC
D.B. 559, PG. 582

BENGE PROPERTIES, LLC
D.B. 521, PG. 153
D.B. 568, PG. 253 (Excess R/W)

JACK BRUNER, ET. AL.
W.B. 29, PG. 42
D.B. 302, PG. 33
E.B. 15, PG. 455 (R/W)
E.B. 16, PG. 723 (R/W)
D.B. 705, PG. 239 (Sell-off)
D.B. 738, PG. 289 (Sell-off)
Plat Cabinet 1A, Slide 365

DON FRANKLIN AUTO PROPERTIES, LLC
D.B. 705, PG. 602
D.B. 705, PG. 239
D.B. 738, PG. 289
D.B. 270, PG. 112 (R/W)

Ledford Road Curve Data
P.I Sta. 703+57.45
D = 23°04'55" Rt.
T = 61.26'
L = 120.86'
R = 300.00'
E = 6.19'

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1073+00.00 TO 1075+43.93	STD. C&G MOD	242
MED.	1073+00.00 TO 1074+94.38	STD. C&G MOD	390
RT.	1073+00.00 TO 1075+24.68	STD. C&G MOD	232
MED.	1076+53.66 TO 1079+00.00	STD. C&G MOD	496
RT.	700+67.80 TO 700+81.04	STD. C&G	21
RT.	701+21.03 TO 701+67.61	STD. C&G	43
LT.	701+51.16 TO 701+69.14	STD. C&G	44
RT.	702+95.14 TO 703+00.00	STD. C&G	7
RT.	1604+25.34 TO 1606+46.73	STD. C&G	222
LT.	1604+25.54 TO 1606+24.15	STD. C&G	200
LT.	1604+25.56 TO 1606+19.62	STD. HEADER	195

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
CC4	CBI TYPE A	1221.53	---	1217.03	R374
CC6	JUNCTION BOX	1222.50	1214.60, 1209.71	1209.71	R373
DD2	DBI TYPE 13 (G)	1225.32	---	1220.82	R322
DD1	DBI TYPE 13 (G)	1227.84	1220.42	1220.34	R322
DDO	S & F HDWL.	---	---	1219.53	R322

STEEL "W" BEAM GUARDRAIL CONSTRUCTION					
LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT TY 1 (Ea)	TY 2A (Ea)	TY 4A (Ea)
RT.	1073+00.00 TO 1075+28.44	237.5			

CONSTRUCT ENTRANCES				DRIVEWAY				
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
LT.	701+25	COM.	55.9	162	11.1	1.5	2.4	-

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	1073+00 TO 1075+00	TURFMAT TYPE 1	256 SY	1.5		2' F.B.
	X	1076+40.10 TO 1076+50	TURFMAT TYPE 1	14 SY	1.5		V
X		1076+37.67 TO 1079+00	ECB	448 SY	1.5		V
	X	1076+50 TO 1079+00	ECB	345 SY	1.5		V
	X	1604+00 TO 1606+50	ECB	350 SY	1.5		V

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

0' 20' 40' 80'

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1073+00 TO STA. 1079+00

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R03100PL_KY 192-1073.DGN
USER: bockherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R33

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1079+00.00 TO 1085+00.00	STD. C&G MOD	600
MED.	1079+00.00 TO 1085+00.00	STD. C&G MOD	602

CONSTRUCT ENTRANCES				DRIVEWAY				PIPE TYPE
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1¼" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	
LT.	1081+62.42	COM.	24.0	101	6.9	11.2	-	24"

DITCH CONSTRUCTION CHART

LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	1079+00 TO 1080+00	ECB	157 SY	1.5		V
X		1079+00 TO 1081+15	TURFMAT TYPE 1	310 SY	1.5		V
	X	1080+00 TO 1081+13.88	TURFMAT TYPE 1	157 SY	1.5		V
X		1082+50 TO 1085+00	TURFMAT TYPE 1	281 SY	1.5		V
	X	1084+25 TO 1085+00	TURFMAT TYPE 1	104 SY	1.5		V
X		1709+25 TO 1711+00	TURFMAT TYPE 1	243 SY	1.5		V

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
EE1	DBI TYPE 5D	1219.24	1215.07	1214.99	R323
EE2	CBI TYPE A	1219.95	---	1215.45	R323
EEO	SLOPED BOX OUTLET TY 1	---	---	1212.08	R323
LLLO	SLOPED BOX OUTLET TY 1	---	---	1209.23	R324
LLL1	SLOPED BOX OUTLET TY 1	---	1211.27	---	R324
FF1	EX. HDWL.	---	1206.72	---	R375
FF4	DBI TYPE 5E	1206.33	---	1203.66	R376

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1079+00 TO STA. 1085+00

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R03300PL_KY 192-1079.DGN
USER: backherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

BURGESS & NIPLE

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R03300PL_KY 192-1079.DGN

CURB & GUTTER CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1079+00.00 TO 1085+00.00	STD. C&G MOD	600
MED.	1079+00.00 TO 1085+00.00	STD. C&G MOD	602

CONSTRUCT ENTRANCES

SIDE	℄ STA.	TYPE	WIDTH (FT)
LT.	1081+62.42	COM.	24.0

DRIVEWAY

AREA (SQ YD)	1¼" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)
101	6.9	11.2	-

PIPE TYPE

24"

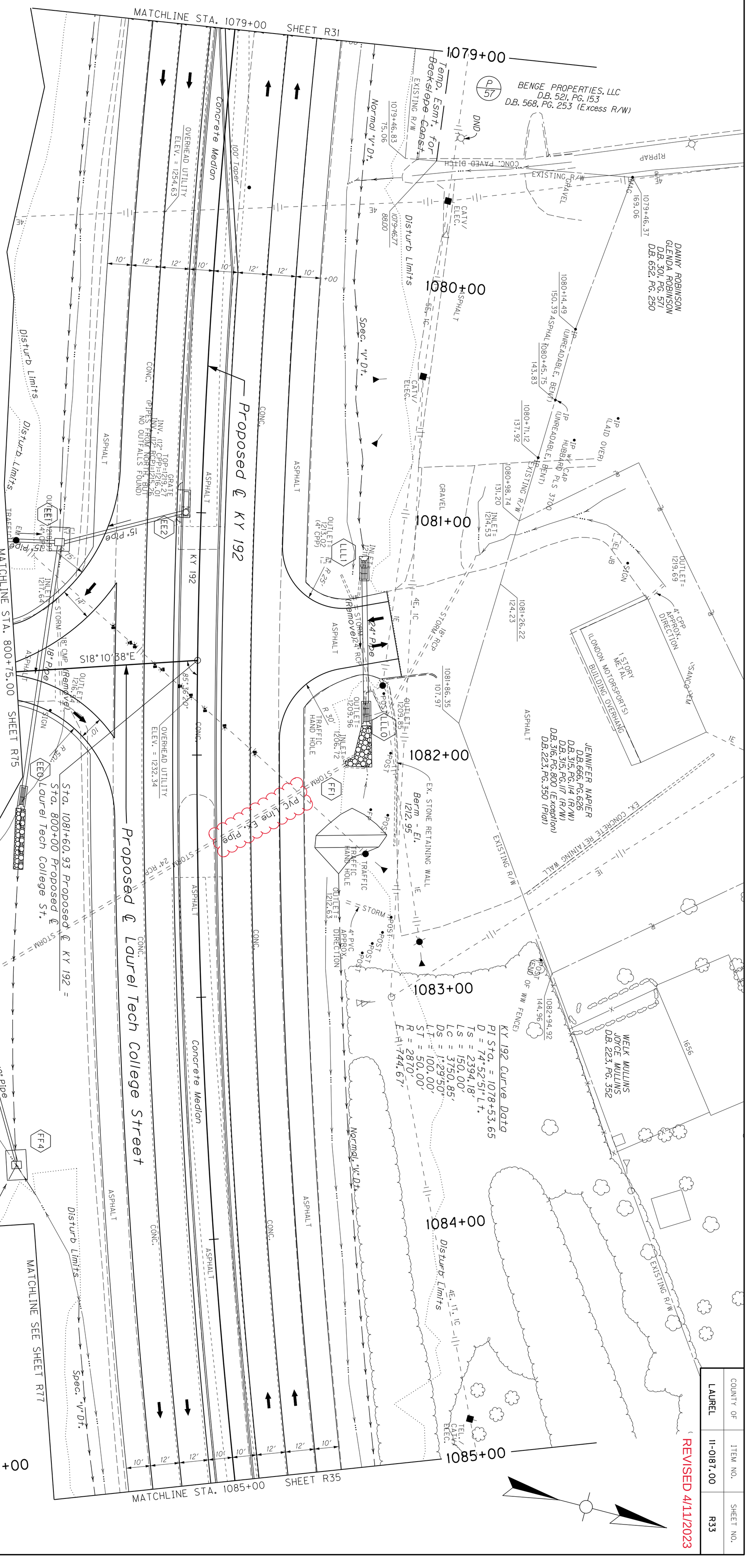
DITCH CONSTRUCTION CHART

LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
	X	1079+00 TO 1080+00	ECB	157 SY	1.5	1.5	V
X		1079+00 TO 1081+15	TURFMAT TYPE 1	310 SY	1.5	1.5	V
	X	1080+00 TO 1081+13.88	TURFMAT TYPE 1	157 SY	1.5	1.5	V
X		1082+50 TO 1085+00	TURFMAT TYPE 1	281 SY	1.5	1.5	V
	X	1084+25 TO 1085+00	TURFMAT TYPE 1	104 SY	1.5	1.5	V
X		1709+25 TO 1711+00	TURFMAT TYPE 1	243 SY	1.5	1.5	V

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
EE1	DBI TYPE 5D	1219.24	1214.99	1215.07	R323
EE2	CBI TYPE A	1219.95	1215.45	---	R323
EEO	SLOPED BOX OUTLET TY 1	---	1212.08	---	R323
LLLO	SLOPED BOX OUTLET TY 1	---	1209.23	---	R324
LLL1	SLOPED BOX OUTLET TY 1	---	---	1211.27	R324
FF1	EX. HDWL.	---	---	1206.72	R375
FF4	DBI TYPE 5E	1206.33	1203.66	---	R376

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.



SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1079+00 TO STA. 1085+00

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R33

REVISED 4/11/2023

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R03700PL_KY 192-1091.DGN

CURB & GUTTER CONSTRUCTION

SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1091+00.00 TO 1091+08.61	STD. C&G MOD	20
MED.	1091+26.81 TO 1097+00.00	STD. C&G MOD	1153
RT	1096+89.57 TO 1097+00.00	STD. C&G MOD	11

DRAINAGE STRUCTURE CONSTRUCTION

NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
HH0	SLOPED BOX OUTLET TY 1	---	---	1176.35	R325
HH1	CBI TYPE A	1184.14	1179.47	1179.39	R325
II0	PIPE CULVERT HDWL.	---	---	1165.49	R326
II1	DBI TYPE 5F	1170.76	---	1167.00	R326
II2	CBI TYPE B	1174.60	1170.00, 1166.48	1166.47	R326
II3	CBI TYPE B	1176.15	---	1172.23	R326

DITCH CONSTRUCTION CHART

LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1091+00 TO 1093+30	TURFMAT TYPE 1	244 SY	1.5		V
X		1093+30 TO 1095+00	TURFMAT TYPE 1	262 SY	2.		V
X		1095+00 TO 1096+64.59	TURFMAT TYPE 1	156 SY	1.5		V
X	X	1091+09.09TO1096+15.50	TURFMAT TYPE 1	599 SY	1.5		V
	X	1096+15.50TO1096+89.57	TURFMAT TYPE 1	105 SY	2.		V
X		1096+64.59 TO 1097+00	TURFMAT TYPE 1	109 SY	1.5		V
X	X	1096+89.57 TO 1097+00	TURFMAT TYPE 1	19 SY	1.5		V

MATCHLINE STA. 1091+00 SHEET R35

MATCHLINE STA. 1097+00 SHEET R39

EXISTING R/W

ASPHALT

901+00

1091+00

1092+00

1093+00

1094+00

1095+00

1096+00

1097+00

KY 192 STA. 1091+25.00
END RW ACQUISITION

JASON P. HANDY
D.B. 626, PG. 540

Perm. Drain. Esmt.

Temp. Esmt. & Backslope for Entr. Const.

Disturb Limits

Concrete Median

15" Pipe

18" Pipe

102.5' Taper

100' Taper

200' Storage

KY 192

Spec. "V" Dt.

Normal "V" Dt.

Proposed ℄ KY 192

CS 1094+07.01

ST 1095+57.01

STRUCTURE ASPHALTED OVER

16" RCP (Removed)

30" RCP (40% SLOTTED)

N 49° 50' 36" E

PVC Line Ex. Pipe

OUTLET #1 =1187.59 (4" PVC)

OUTLET =1176.23

OUTLET =1171.62

OUTLET =1165.65

12" TRENCH DRAIN

EXISTING R/W

5/8" REBAR

1/2" REBAR

WOOD RAIL FENCE

4-ELECTRIC 1-CABLE

3-ELECTRIC 1-CABLE

6" PVC (LEVEL B)

8" PER UTILITY MAP

FORCE MAIN

TEL./CATV/ELEC. GOES UG

CATV/ELEC.

1-STORY BRICK

LAUREL MEDICAL CENTER

LAUREL MEDICAL CENTER,LLC.
D.B. 706, PG. 42

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74° 52'51" Lt.
Ts = 2394.18'
Ls = 150.00'
Lc = 3750.85'
Ds = 1°29'50"
LT = 100.00'
ST = 50.00'
R = 2870'
E = 744.67'

MCKINLEY'S QUALITY OUTDOOR ADVERTISING AND PROMOTIONS CO., INC.
D.B. 415, PG. 483
D.B. 280, PG. 630 (R/W)

MONUMENT ROAD

MCDONALD'S CORPORATION
D.B. 348, PG. 372

(ENDRIS ENGINEERING SURVEY POINT)

PIN & CAP

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

P/73

P/75

0' 20' 40' 80'

SCALE: 1"= 20'

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R37

KY 192
PLAN SHEET
STA. 1091+00 TO STA. 1097+00

BURGESS & NIPLE

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R37

REVISED 4/11/2023

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1091+00.00 TO 1091+08.61	STD. C&G MOD	20
MED.	1091+26.81 TO 1097+00.00	STD. C&G MOD	1153
RT	1096+89.57 TO 1097+00.00	STD. C&G MOD	11

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
HHO	SLOPED BOX OUTLET TY I	---	---	1176.35	R325
HH1	CBI TYPE A	1184.14	1179.47	1179.39	R325
II0	PIPE CULVERT HDWL.	---	---	1165.49	R326
II1	DBI TYPE 5F	1170.76	---	1167.00	R326
II2	CBI TYPE B	1174.60	1170.00, 1166.48	1166.47	R326
II3	CBI TYPE B	1176.15	---	1172.23	R326

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1091+00 TO 1093+30	TURFMAT TYPE 1	244 SY	1.5		V
X		1093+30 TO 1095+00	TURFMAT TYPE 1	262 SY	2.		V
X		1095+00 TO 1096+64.59	TURFMAT TYPE 1	156 SY	1.5		V
	X	1091+09.09TO1096+15.50	TURFMAT TYPE 1	599 SY	1.5		V
	X	1096+15.50TO1096+89.57	TURFMAT TYPE 1	105 SY	2.		V
X		1096+64.59 TO 1097+00	TURFMAT TYPE 1	109 SY	1.5		V
	X	1096+89.57 TO 1097+00	TURFMAT TYPE 1	19 SY	1.5		V

JASON P. HANDY
D.B. 626, PG. 540

LAUREL MEDICAL CENTER, LLC.
D.B. 706, PG. 42

1675
1-STORY BRICK
LAUREL MEDICAL CENTER

KY 192 Curve Data
PI Sta. = 1078+53.65
D = 74°52'51" Lt.
Ts = 2394.18'
Ls = 150.00'
Lc = 3750.85'
Ds = 1°29'50"
LT = 100.00'
ST = 50.00'
R = 2870'
E = 744.67'

KY 192 STA. 1091+25.00
END R/W ACQUISITION

MATCHLINE STA. 1091+00 — SHEET R35

MATCHLINE STA. 1097+00 — SHEET R39

Proposed ℄ KY 192

N 49°50'36" E

MONUMENT ROAD

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

P 73 — MCKINLEY'S QUALITY OUTDOOR ADVERTISING AND PROMOTIONS CO., INC.
D.B. 415, PG. 483
D.B. 280, PG. 630 (R/W)

P 75 — MCDONALD'S CORPORATION
D.B. 348, PG. 372

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1091+00 TO STA. 1097+00

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: backherms DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R03700PL_KY 192-1091.DGN

BURGESS & NIPLE

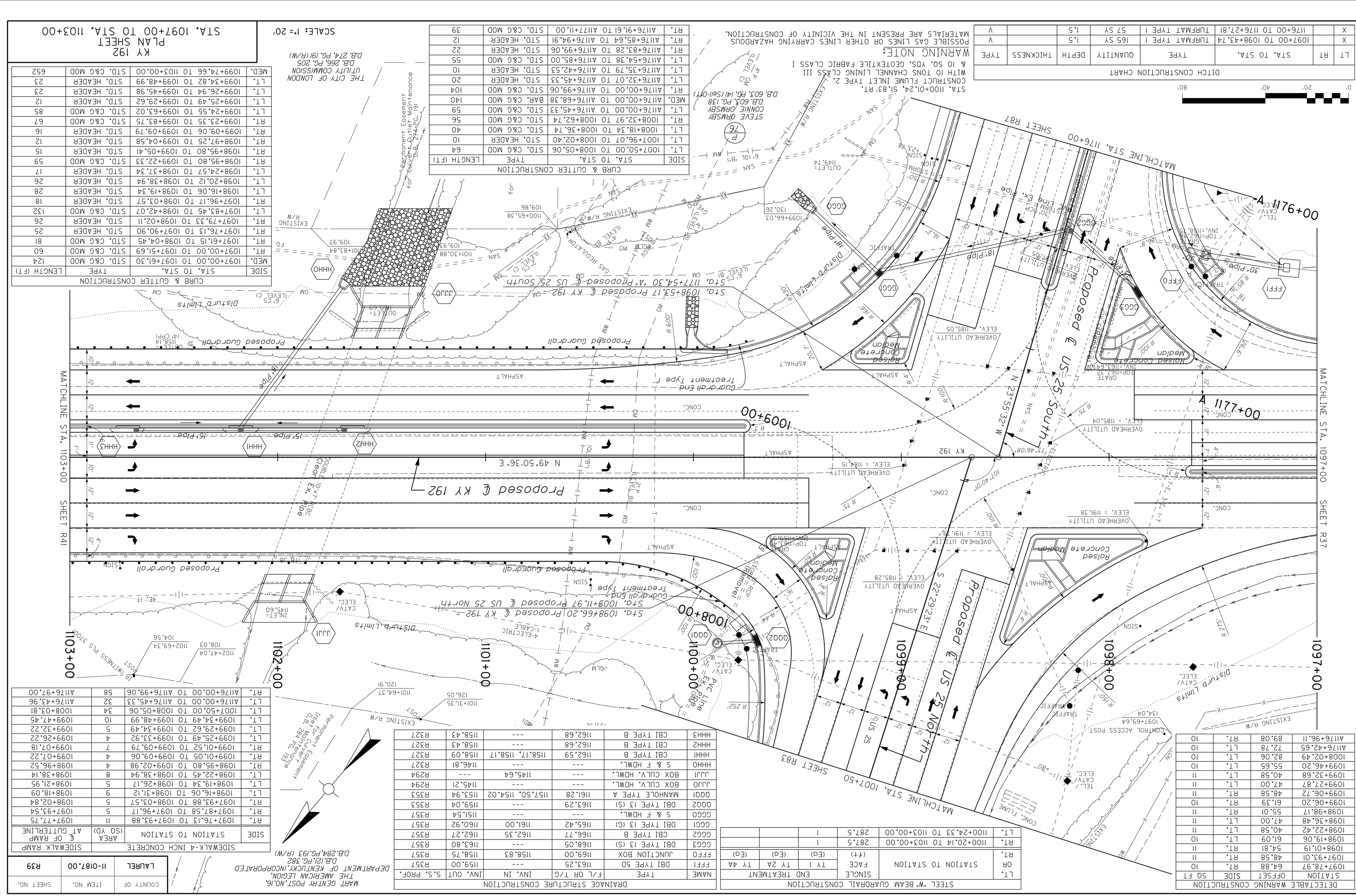
COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R39

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
1097+78.97	64.88	RT.	10
1097+93.01	48.58	RT.	11
1098+01.19	54.81	RT.	11
1098+19.06	61.09	LT.	10
1098+22.42	40.58	LT.	11
1098+36.48	47.00	LT.	11
1098+98.17	55.01	RT.	11
1099+06.20	61.39	RT.	10
1099+06.72	48.58	RT.	11
1099+27.87	47.00	LT.	11
1099+32.68	40.58	LT.	11
1099+46.20	55.65	LT.	10
1008+02.49	82.06	LT.	10
A1176+42.65	72.78	LT.	10
A1176+96.11	89.08	RT.	10

STEEL "W" BEAM GUARDRAIL CONSTRUCTION					
LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT		
			TY 1 (Ea)	TY 2A (Ea)	TY 4A (Ea)
RT.	1100+20.14 TO 1103+00.00	287.5	1		
LT.	1100+24.33 TO 1103+00.00	287.5	1		

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
FFF1	DBI TYPE 5D	1163.25	---	1159.00	R357
FFF0	JUNCTION BOX	1169.00	1158.83	1158.75	R357
GGG3	DBI TYPE 13 (S)	1168.05	---	1163.80	R357
GGG2	CBI TYPE B	1166.77	1162.35	1162.27	R357
GGG1	DBI TYPE 13 (G)	1165.42	1161.00	1160.92	R357
GGG0	S & F HDWL.	---	---	1151.54	R357
QQQ2	DBI TYPE 13 (S)	1163.29	---	1159.04	R353
QQQ1	MANHOLE TYPE A	1161.28	1157.50, 1154.02	1153.94	R353
JJJ0	BOX CULV. HDWL.	---	---	1145.21	R294
JJJ1	BOX CULV. HDWL.	---	1145.64	---	R294
HHH0	S & F HDWL.	---	---	1146.81	R327
HHH1	CBI TYPE B	1162.59	1158.17, 1158.17	1158.09	R327
HHH2	CBI TYPE B	1162.68	---	1158.43	R327
HHH3	CBI TYPE B	1162.68	---	1158.43	R327

SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
RT.	1097+76.13 TO 1097+93.88	11	1097+77.75
RT.	1097+87.58 TO 1097+96.17	5	1097+93.54
RT.	1097+93.88 TO 1098+03.57	5	1098+02.84
LT.	1098+16.06 TO 1098+31.12	9	1098+18.09
LT.	1098+19.34 TO 1098+26.17	5	1098+21.95
LT.	1098+22.45 TO 1098+38.94	8	1098+38.14
RT.	1098+95.80 TO 1099+02.98	4	1098+96.52
RT.	1099+01.05 TO 1099+09.06	4	1099+07.22
RT.	1099+01.52 TO 1099+09.79	7	1099+07.18
LT.	1099+25.49 TO 1099+33.92	4	1099+26.22
LT.	1099+29.62 TO 1099+34.49	5	1099+32.22
LT.	1099+34.49 TO 1099+48.99	10	1099+47.45
LT.	1007+50.00 TO 1008+05.06	34	1008+03.81
LT.	A1176+00.00 TO A1176+45.33	32	A1176+43.96
RT.	A1176+00.00 TO A1176+99.06	58	A1176+97.00



CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1007+50.00 TO 1008+05.06	STD. C&G MOD	64
LT.	1007+96.07 TO 1008+02.40	STD. HEADER	10
LT.	1008+18.34 TO 1008+36.74	STD. C&G MOD	40
RT.	1008+32.97 TO 1008+62.74	STD. C&G MOD	56
LT.	A1176+00.00 TO A1176+45.33	STD. C&G MOD	59
MED.	A1176+00.00 TO A1176+68.38	BAR. C&G MOD	140
RT.	A1176+00.00 TO A1176+99.06	STD. C&G MOD	104
LT.	A1176+32.07 TO A1176+45.33	STD. HEADER	20
LT.	A1176+35.79 TO A1176+42.53	STD. HEADER	10
LT.	A1176+54.38 TO A1176+85.00	STD. C&G MOD	55
RT.	A1176+83.28 TO A1176+99.06	STD. HEADER	22
RT.	A1176+85.64 TO A1176+94.91	STD. HEADER	12
RT.	A1176+91.61 TO A1177+11.00	STD. C&G MOD	39

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1097+00.00 TO 1097+61.30	STD. C&G MOD	124
RT.	1097+00.00 TO 1097+51.69	STD. C&G MOD	60
RT.	1097+61.15 TO 1098+04.45	STD. C&G MOD	81
RT.	1097+76.13 TO 1097+90.90	STD. HEADER	25
RT.	1097+79.33 TO 1098+02.11	STD. HEADER	26
LT.	1097+83.45 TO 1098+42.07	STD. C&G MOD	132
RT.	1097+96.17 TO 1098+03.57	STD. HEADER	18
LT.	1098+16.06 TO 1098+19.34	STD. HEADER	28
LT.	1098+20.12 TO 1098+38.94	STD. HEADER	26
LT.	1098+24.57 TO 1098+37.34	STD. HEADER	17
RT.	1098+95.80 TO 1099+22.33	STD. C&G MOD	59
RT.	1098+95.80 TO 1099+05.41	STD. HEADER	15
RT.	1098+97.25 TO 1099+04.58	STD. HEADER	12
RT.	1099+09.06 TO 1099+09.79	STD. HEADER	16
RT.	1099+23.35 TO 1099+83.75	STD. C&G MOD	67
LT.	1099+24.55 TO 1099+63.02	STD. C&G MOD	85
LT.	1099+25.49 TO 1099+29.62	STD. HEADER	12
LT.	1099+26.94 TO 1099+45.98	STD. HEADER	23
LT.	1099+34.82 TO 1099+48.99	STD. HEADER	23
MED.	1099+74.66 TO 1103+00.00	STD. C&G MOD	652

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1097+00 TO 1098+43.74	TURFMAT TYPE 1	165 SY	1.5		V
X		1176+00 TO 1176+27.81	TURFMAT TYPE 1	57 SY	1.5		V

STA. 1100+01.24, 51.83' RT.
CONSTRUCT FLUME INLET TYPE 2.
WITH 10 TONS CHANNEL LINING CLASS III
& 10 SQ. YDS. GEOTEXTILE FABRIC CLASS I

WARNING NOTE:

POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

SCALE: 1"= 20'

KY 192
PLAN SHEET
STA. 1097+00 TO STA. 1103+00

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R03900PL_KY 192-1097.DGN

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R39

REVISED 4/11/2023

KY 192
PLAN SHEET
STA. 1097+00 TO STA. 1103+00

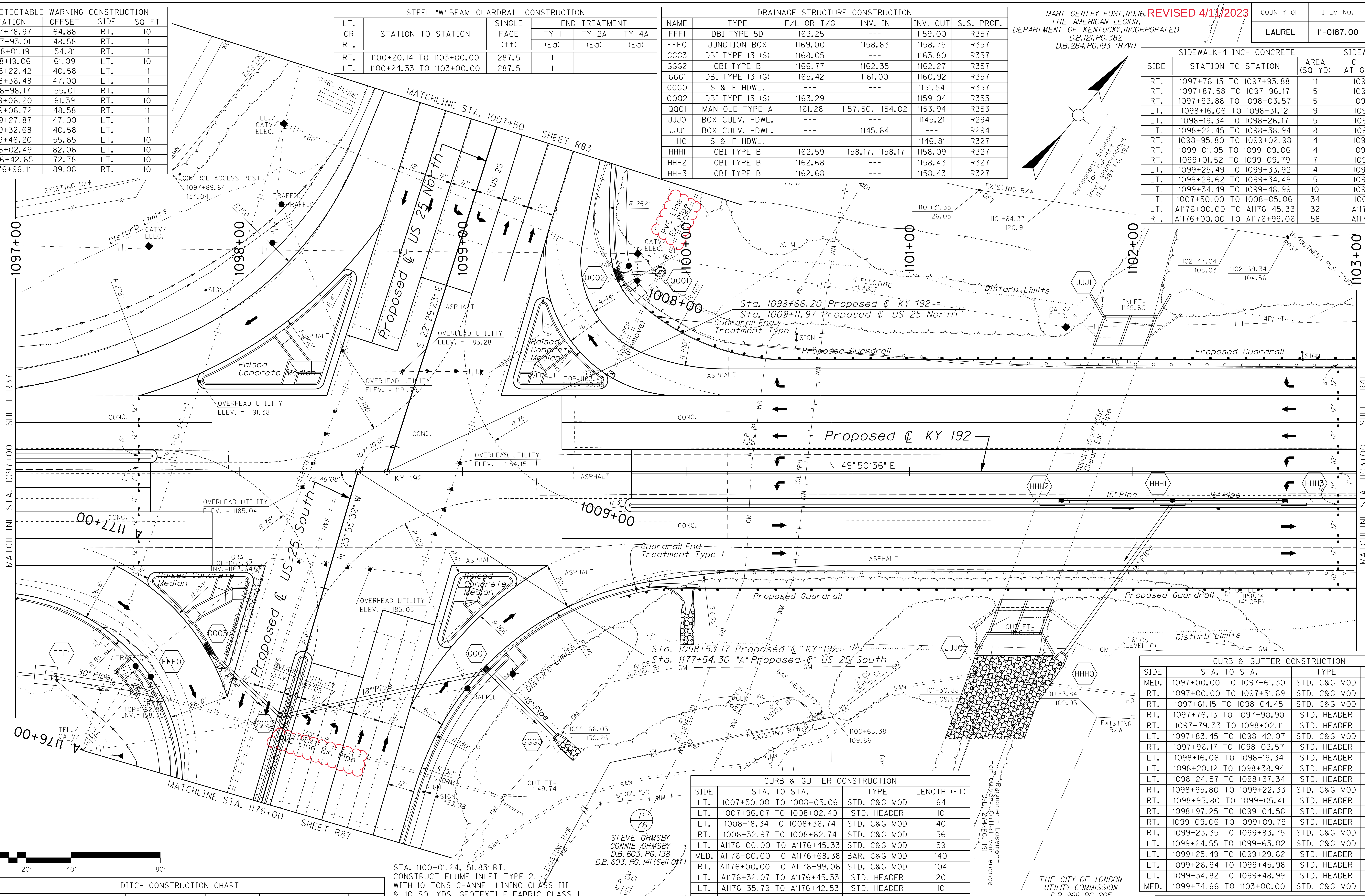
SCALE: 1"= 20'

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
1097+78.97	64.88	RT.	10
1097+93.01	48.58	RT.	11
1098+01.19	54.81	RT.	11
1098+19.06	61.09	LT.	10
1098+22.42	40.58	LT.	11
1098+36.48	47.00	LT.	11
1098+98.17	55.01	RT.	11
1099+06.20	61.39	RT.	10
1099+06.72	48.58	RT.	11
1099+27.87	47.00	LT.	11
1099+32.68	40.58	LT.	11
1099+46.20	55.65	LT.	10
1008+02.49	82.06	LT.	10
A1176+42.65	72.78	LT.	10
A1176+96.11	89.08	RT.	10

STEEL "W" BEAM GUARDRAIL CONSTRUCTION					
LT. OR RT.	STATION TO STATION	SINGLE FACE (ft)	END TREATMENT		
			TY 1 (Ea)	TY 2A (Ea)	TY 4A (Ea)
RT.	1100+20.14 TO 1103+00.00	287.5	1		
LT.	1100+24.33 TO 1103+00.00	287.5	1		

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
FFF1	DBI TYPE 5D	1163.25	---	1159.00	R357
FFF0	JUNCTION BOX	1169.00	1158.83	1158.75	R357
GGG3	DBI TYPE 13 (S)	1168.05	---	1163.80	R357
GGG2	CBI TYPE B	1166.77	1162.35	1162.27	R357
GGG1	DBI TYPE 13 (G)	1165.42	1161.00	1160.92	R357
GGG0	S & F HDWL.	---	---	1151.54	R357
QQQ2	DBI TYPE 13 (S)	1163.29	---	1159.04	R353
QQQ1	MANHOLE TYPE A	1161.28	1157.50, 1154.02	1153.94	R353
JJJ0	BOX CULV. HDWL.	---	---	1145.21	R294
JJJ1	BOX CULV. HDWL.	---	1145.64	---	R294
HHH0	S & F HDWL.	---	---	1146.81	R327
HHH1	CBI TYPE B	1162.59	1158.17, 1158.17	1158.09	R327
HHH2	CBI TYPE B	1162.68	---	1158.43	R327
HHH3	CBI TYPE B	1162.68	---	1158.43	R327

SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
RT.	1097+76.13 TO 1097+93.88	11	1097+77.75
RT.	1097+87.58 TO 1097+96.17	5	1097+93.54
RT.	1097+93.88 TO 1098+03.57	5	1098+02.84
LT.	1098+16.06 TO 1098+31.12	9	1098+18.09
LT.	1098+19.34 TO 1098+26.17	5	1098+21.95
LT.	1098+22.45 TO 1098+38.94	8	1098+38.14
RT.	1098+95.80 TO 1099+02.98	4	1098+96.52
RT.	1099+01.05 TO 1099+09.06	4	1099+07.22
RT.	1099+01.52 TO 1099+09.79	7	1099+07.18
LT.	1099+25.49 TO 1099+33.92	4	1099+26.22
LT.	1099+29.62 TO 1099+34.49	5	1099+32.22
LT.	1099+34.49 TO 1099+48.99	10	1099+47.45
LT.	1007+50.00 TO 1008+05.06	34	1008+03.81
LT.	A1176+00.00 TO A1176+45.33	32	A1176+43.96
RT.	A1176+00.00 TO A1176+99.06	58	A1176+97.00



STA. 1100+01.24, 51.83' RT.
CONSTRUCT FLUME INLET TYPE 2.
WITH 10 TONS CHANNEL LINING CLASS III
& 10 SQ. YDS. GEOTEXTILE FABRIC CLASS I

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		1097+00 TO 1098+43.74	TURFMAT TYPE 1	165 SY	1.5		V
X		1176+00 TO 1176+27.81	TURFMAT TYPE 1	57 SY	1.5		V

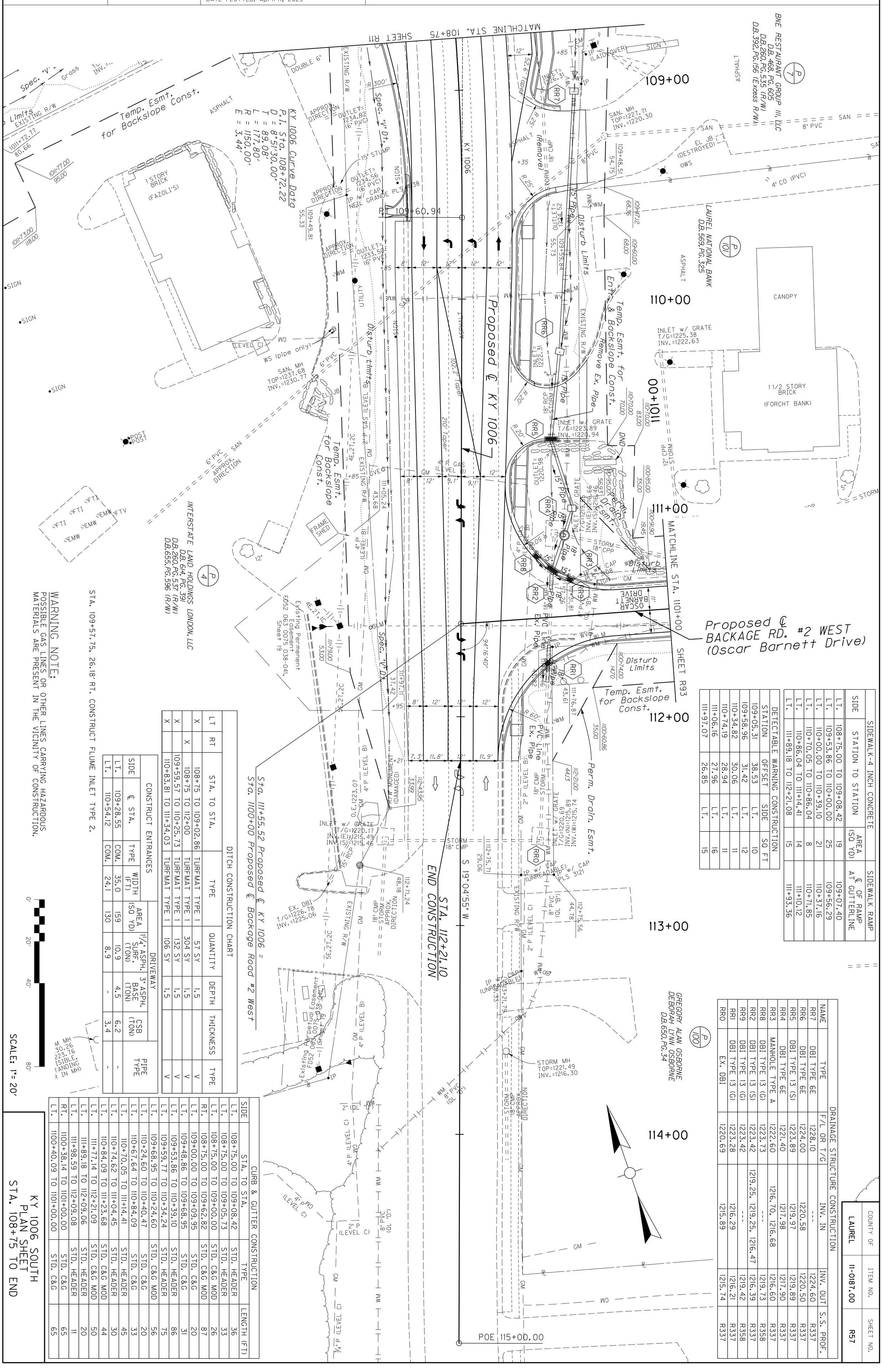
CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	1007+50.00 TO 1008+05.06	STD. C&G MOD	64
LT.	1007+96.07 TO 1008+02.40	STD. HEADER	10
LT.	1008+18.34 TO 1008+36.74	STD. C&G MOD	40
RT.	1008+32.97 TO 1008+62.74	STD. C&G MOD	56
LT.	A1176+00.00 TO A1176+45.33	STD. C&G MOD	59
MED.	A1176+00.00 TO A1176+68.38	BAR. C&G MOD	140
RT.	A1176+00.00 TO A1176+99.06	STD. C&G MOD	104
LT.	A1176+32.07 TO A1176+45.33	STD. HEADER	20
LT.	A1176+35.79 TO A1176+42.53	STD. HEADER	10
LT.	A1176+54.38 TO A1176+85.00	STD. C&G MOD	55
RT.	A1176+83.28 TO A1176+99.06	STD. HEADER	22
RT.	A1176+85.64 TO A1176+94.91	STD. HEADER	12
RT.	A1176+91.61 TO A1177+11.00	STD. C&G MOD	39

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
MED.	1097+00.00 TO 1097+61.30	STD. C&G MOD	124
RT.	1097+00.00 TO 1097+51.69	STD. C&G MOD	60
RT.	1097+61.15 TO 1098+04.45	STD. C&G MOD	81
RT.	1097+76.13 TO 1097+90.90	STD. HEADER	25
RT.	1097+79.33 TO 1098+02.11	STD. HEADER	26
LT.	1097+83.45 TO 1098+42.07	STD. C&G MOD	132
RT.	1097+96.17 TO 1098+03.57	STD. HEADER	18
LT.	1098+16.06 TO 1098+19.34	STD. HEADER	28
LT.	1098+20.12 TO 1098+38.94	STD. HEADER	26
LT.	1098+24.57 TO 1098+37.34	STD. HEADER	17
RT.	1098+95.80 TO 1099+22.33	STD. C&G MOD	59
RT.	1098+95.80 TO 1099+05.41	STD. HEADER	15
RT.	1098+97.25 TO 1099+04.58	STD. HEADER	12
RT.	1099+09.06 TO 1099+09.79	STD. HEADER	16
RT.	1099+23.35 TO 1099+83.75	STD. C&G MOD	67
LT.	1099+24.55 TO 1099+63.02	STD. C&G MOD	85
LT.	1099+25.49 TO 1099+29.62	STD. HEADER	12
LT.	1099+26.94 TO 1099+45.98	STD. HEADER	23
LT.	1099+34.82 TO 1099+48.99	STD. HEADER	23
MED.	1099+74.66 TO 1103+00.00	STD. C&G MOD	652

BURGESS & NIPLE

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R0570OPL_KY 1006-BEG.DGN



SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
LT.	108+75.00 TO 109+08.42	19	109+07.40
LT.	109+53.86 TO 110+00.00	25	109+56.29
LT.	110+00.00 TO 110+39.10	21	110+37.16
LT.	110+70.05 TO 110+86.04	8	110+71.85
LT.	110+86.04 TO 111+14.41	14	111+10.12
LT.	111+89.18 TO 112+21.08	15	111+93.36

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
109+05.31	38.53	LT.	10
109+58.96	31.42	LT.	12
110+34.82	30.06	LT.	11
110+74.19	28.94	LT.	11
111+06.16	27.96	LT.	16
111+97.07	26.85	LT.	15

DRAINAGE STRUCTURE CONSTRUCTION				
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
RR7	DBI TYPE 6E	1228.10	---	1224.60	R337
RR6	DBI TYPE 6E	1224.00	1220.58	1220.50	R337
RR5	DBI TYPE 13 (S)	1223.89	1219.97	1219.89	R337
RR4	DBI TYPE 6E	1221.40	1217.98	1217.90	R337
RR3	MANHOLE TYPE A	1222.60	1216.70, 1216.68	1216.60	R337
RR8	DBI TYPE 13 (G)	1223.73	---	1219.73	R358
RR2	DBI TYPE 13 (S)	1223.42	1219.25, 1219.25, 1216.47	1216.39	R337
RR9	DBI TYPE 13 (G)	1223.42	---	1219.42	R358
RR1	DBI TYPE 13 (G)	1223.28	1216.29	1216.21	R337
RR0	EX. DBI	1220.69	1215.89	1215.74	R337

DITCH CONSTRUCTION CHART					
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		108+75 TO 109+02.86	TURFMAT TYPE 1	57 SY	1.5		V
	X	108+75 TO 112+00	TURFMAT TYPE 1	304 SY	1.5		V
X		109+59.57 TO 110+25.73	TURFMAT TYPE 1	132 SY	1.5		V
X		110+83.81 TO 111+34.03	TURFMAT TYPE 1	106 SY	1.5		V

CONSTRUCT ENTRANCES				DRIVEWAY			PIPE TYPE
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	TYPE
LT.	109+28.55	COM.	35.0	159	10.9	4.5	6.2	-
LT.	110+54.12	COM.	24.1	130	8.9	-	3.4	-

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	108+75.00 TO 109+08.42	STD. HEADER	36
LT.	108+75.00 TO 109+05.73	STD. HEADER	33
LT.	108+75.00 TO 109+00.00	STD. C&G MOD	26
RT.	108+75.00 TO 109+62.82	STD. C&G MOD	87
LT.	109+00.00 TO 109+09.95	STD. C&G	20
LT.	109+48.86 TO 109+68.95	STD. C&G	31
LT.	109+53.86 TO 110+39.10	STD. HEADER	86
LT.	109+59.77 TO 110+34.24	STD. HEADER	75
LT.	109+68.95 TO 110+24.60	STD. C&G MOD	56
LT.	110+24.60 TO 110+40.47	STD. C&G	20
LT.	110+67.64 TO 110+84.09	STD. C&G	33
LT.	110+70.05 TO 111+14.41	STD. HEADER	45
LT.	110+74.62 TO 111+04.45	STD. HEADER	30
LT.	110+84.09 TO 111+23.68	STD. C&G MOD	44
LT.	111+77.14 TO 112+21.09	STD. C&G MOD	50
LT.	111+89.18 TO 112+09.06	STD. HEADER	20
LT.	111+98.59 TO 112+09.08	STD. HEADER	11
RT.	1100+38.14 TO 1101+00.00	STD. C&G	65
LT.	1100+40.09 TO 1101+00.00	STD. C&G	65

SCALE: 1"= 20'

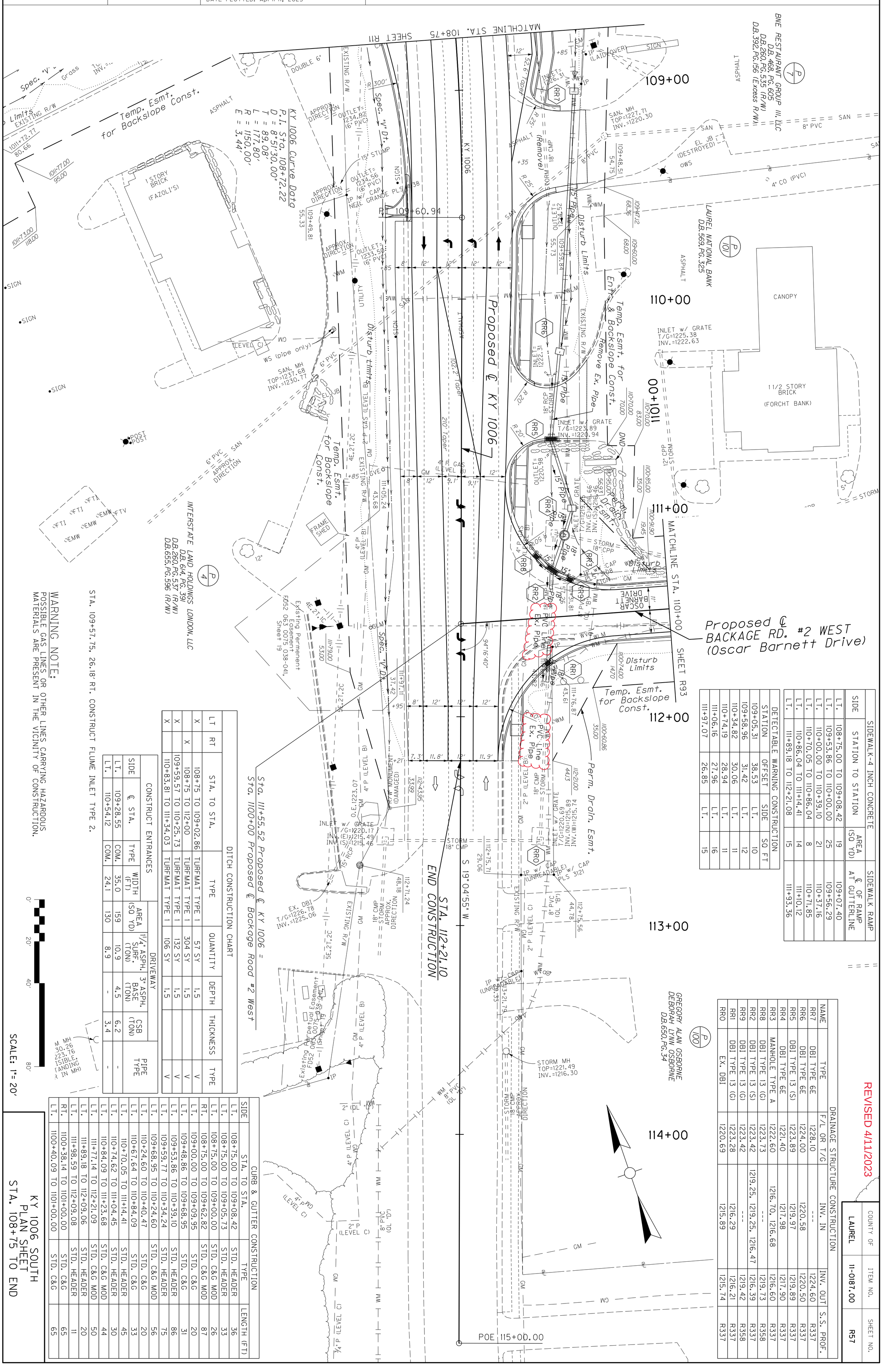
0' 20' 40' 80'

KY 1006 SOUTH
PLAN SHEET
STA. 108+75 TO END

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R57

BURGESS & NIPLE

Power InRoads v8.11.9.397	E-SHEET NAME:	USER: backherms DATE PLOTTED: April 11, 2023	FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R0570OPL_KY 1006-BEG.DGN



SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
LT.	108+75.00 TO 109+08.42	19	109+07.40
LT.	109+53.86 TO 110+00.00	25	109+56.29
LT.	110+00.00 TO 110+39.10	21	110+37.16
LT.	110+70.05 TO 110+86.04	8	110+71.85
LT.	110+86.04 TO 111+14.41	14	111+10.12
LT.	111+89.18 TO 112+21.08	15	111+93.36

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
109+05.31	38.53	LT.	10
109+58.96	31.42	LT.	12
110+34.82	30.06	LT.	11
110+74.19	28.94	LT.	11
111+06.16	27.96	LT.	16
111+97.07	26.85	LT.	15

DRAINAGE STRUCTURE CONSTRUCTION				
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
RR7	DBI TYPE 6E	1228.10	---	1224.60	R337
RR6	DBI TYPE 6E	1224.00	1220.58	1220.50	R337
RR5	DBI TYPE 13 (S)	1223.89	1219.97	1219.89	R337
RR4	DBI TYPE 6E	1221.40	1217.98	1217.90	R337
RR3	MANHOLE TYPE A	1222.60	1216.70, 1216.68	1216.60	R337
RR8	DBI TYPE 13 (G)	1223.73	---	1219.73	R358
RR2	DBI TYPE 13 (S)	1223.42	1219.25, 1219.25, 1216.47	1216.39	R337
RR9	DBI TYPE 13 (G)	1223.42	---	1219.42	R358
RR1	DBI TYPE 13 (G)	1223.28	1216.29	1216.21	R337
RRO	EX. DBI	1220.69	1215.89	1215.74	R337

DITCH CONSTRUCTION CHART						
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		108+75 TO 109+02.86	TURFMAT TYPE 1	57 SY	1.5		V
	X	108+75 TO 112+00	TURFMAT TYPE 1	304 SY	1.5		V
X		109+59.57 TO 110+25.73	TURFMAT TYPE 1	132 SY	1.5		V
X		110+83.81 TO 111+34.03	TURFMAT TYPE 1	106 SY	1.5		V

CONSTRUCT ENTRANCES				DRIVEWAY			
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1 1/4" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
LT.	109+28.55	COM.	35.0	159	10.9	4.5	6.2	-
LT.	110+54.12	COM.	24.1	130	8.9	-	3.4	-

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	108+75.00 TO 109+08.42	STD. HEADER	36
LT.	108+75.00 TO 109+05.73	STD. HEADER	33
LT.	108+75.00 TO 109+00.00	STD. C&G MOD	26
RT.	108+75.00 TO 109+62.82	STD. C&G MOD	87
LT.	109+00.00 TO 109+09.95	STD. C&G	20
LT.	109+48.86 TO 109+68.95	STD. C&G	31
LT.	109+53.86 TO 110+39.10	STD. HEADER	86
LT.	109+59.77 TO 110+34.24	STD. HEADER	75
LT.	109+68.95 TO 110+24.60	STD. C&G MOD	56
LT.	110+24.60 TO 110+40.47	STD. C&G	20
LT.	110+67.64 TO 110+84.09	STD. C&G	33
LT.	110+70.05 TO 111+14.41	STD. HEADER	45
LT.	110+74.62 TO 111+04.45	STD. HEADER	30
LT.	110+84.09 TO 111+23.68	STD. C&G MOD	44
LT.	111+77.14 TO 112+21.09	STD. C&G MOD	50
LT.	111+89.18 TO 112+09.06	STD. HEADER	20
LT.	111+98.59 TO 112+09.08	STD. HEADER	11
RT.	1100+38.14 TO 1101+00.00	STD. C&G	65
LT.	1100+40.09 TO 1101+00.00	STD. C&G	65

	COUNTY OF	ITEM NO.	SHEET NO.
	LAUREL	11-0187.00	R57

REVISED 4/11/2023

KY 1006 SOUTH
PLAN SHEET
STA. 108+75 TO END

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R85

BURGESS & NIPLE

FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R08500PL_US 25-SOUTH-BEG.DGN
USER: bockherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
LT.	2171+00.00 TO 2171+40.46	21	2171+36.76
RT.	2171+00.00 TO 2172+00.00	56	-
LT.	2171+85.13 TO 2172+00.00	7	2171+87.95

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	2171+00.00 TO 2171+20.26	STD. C&G MOD	21
RT.	2171+00.00 TO 2172+00.00	STD. C&G MOD	100
LT.	2171+20.00 TO 2171+40.46	STD. HEADER	21
LT.	2171+20.00 TO 2171+32.71	STD. HEADER	13
LT.	2171+20.26 TO 2171+52.55	STD. C&G	48
LT.	2171+78.89 TO 2172+00.00	STD. C&G	41
LT.	2171+85.13 TO 2172+00.00	STD. HEADER	15
LT.	2171+91.20 TO 2172+00.00	STD. HEADER	9

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
2171+33.91	35.43	LT.	14
2171+90.37	35.45	LT.	12

STA. 2170+82.47, 50.65' RT. CONSTRUCT FLUME INLET TYPE 2.
WITH 10 TONS CHANNEL LINING CLASS III
& 10 SQ. YDS. GEOTEXTILE FABRIC CLASS I

STA. 2170+82.65, 28.14' LT. CONSTRUCT FLUME INLET TYPE 2.
WITH 9 TONS CHANNEL LINING CLASS III
& 9 SQ. YDS. GEOTEXTILE FABRIC CLASS I

LN'S PROPERTY, LLC
D.B. 683, PG. 696
D.B. 672, PG. 509

11/2 STORY BRICK
(BOJANGLES)

P/134
KOP REALTY, LLC
D.B. 696, PG. 191

P/73
MCKINLEY'S QUALITY OUTDOOR ADVERTISING AND PROMOTIONS CO., INC.
D.B. 415, PG. 483
D.B. 280, PG. 630 (R/W)

P/76
STEVE ORMSBY
CONNIE ORMSBY
D.B. 603, PG. 138
D.B. 603, PG. 141 (Self-Off)

Proposed ℄ US 25 South

TO CORBIN

STA. 2169+75.00
BEGIN CONSTRUCTION

U.S. 25 South Curve Data
P.I. Sta. 2170+00.01
D = 1°38'04" Rt.
T = 142.65'
L = 285.27'
R = 10000.00'
E = 1.02'

N 22°59'52" W
N 21°21'48" W

PC 2168+57.36
PI 2170+00.01
PT 2171+42.63

2166+00 2167+00 2168+00 2169+00 2170+00 2171+00 2172+00

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		2169+75 TO 2170+80	ECB	145 SY	1.5		V
X		2170+80 TO 2171+10	TURFMAT TYPE 1	42 SY	1.5		V
X		2171+10 TO 2171+15.53	TURFMAT TYPE 3	9 SY	1.5		V
X		2171+22.79 TO 2171+28.12	TURFMAT TYPE 4	45 SY	1.5		F.B.

CONSTRUCT ENTRANCES				DRIVEWAY				PIPE TYPE
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1¼" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	
LT.	2171+65	COM.	23.4	128	8.8	16.8	22.0	-

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
Q00	EX. HDWL.	---	---	1147.60	R356
Q011	MANHOLE TYPE C	1163.28	1156.00, 1148.72	1148.65	R355
Q010	MANHOLE TYPE C	1163.64	1154.00, 1150.23	1150.15	R354
Q01	PIPE CULVERT HDWL.	---	1152.50	---	R356
Q012	S & F HDWL.	---	---	1154.91	R356

0' 20' 40' 80'

SCALE: 1"= 20'

U.S. 25 SOUTH
PLAN SHEET
BEGINNING TO STA. 2172+00

SHEET R87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R85

BURGESS & NIPLE

FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R08500PL_US 25-SOUTH-BEG.DGN
USER: bockherms
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

WARNING NOTE:
POSSIBLE GAS LINES OR OTHER LINES CARRYING HAZARDOUS MATERIALS ARE PRESENT IN THE VICINITY OF CONSTRUCTION.

SIDEWALK-4 INCH CONCRETE			SIDEWALK RAMP
SIDE	STATION TO STATION	AREA (SQ YD)	℄ OF RAMP AT GUTTERLINE
LT.	2171+00.00 TO 2171+40.46	21	2171+36.76
RT.	2171+00.00 TO 2172+00.00	56	-
LT.	2171+85.13 TO 2172+00.00	7	2171+87.95

CURB & GUTTER CONSTRUCTION			
SIDE	STA. TO STA.	TYPE	LENGTH (FT)
LT.	2171+00.00 TO 2171+20.26	STD. C&G MOD	21
RT.	2171+00.00 TO 2172+00.00	STD. C&G MOD	100
LT.	2171+20.00 TO 2171+40.46	STD. HEADER	21
LT.	2171+20.00 TO 2171+32.71	STD. HEADER	13
LT.	2171+20.26 TO 2171+52.55	STD. C&G	48
LT.	2171+78.89 TO 2172+00.00	STD. C&G	41
LT.	2171+85.13 TO 2172+00.00	STD. HEADER	15
LT.	2171+91.20 TO 2172+00.00	STD. HEADER	9

DETECTABLE WARNING CONSTRUCTION			
STATION	OFFSET	SIDE	SQ FT
2171+33.91	35.43	LT.	14
2171+90.37	35.45	LT.	12

STA. 2170+82.47, 50.65' RT. CONSTRUCT FLUME INLET TYPE 2.
WITH 10 TONS CHANNEL LINING CLASS III
& 10 SQ. YDS. GEOTEXTILE FABRIC CLASS I

STA. 2170+82.65, 28.14' LT. CONSTRUCT FLUME INLET TYPE 2.
WITH 9 TONS CHANNEL LINING CLASS III
& 9 SQ. YDS. GEOTEXTILE FABRIC CLASS I

LN'S PROPERTY, LLC
D.B. 683, PG. 696
D.B. 672, PG. 509

11/2 STORY BRICK (BOJANGLES)

P/134 KOP REALTY, LLC
D.B. 696, PG. 191

P/73 MCKINLEY'S QUALITY OUTDOOR ADVERTISING AND PROMOTIONS CO., INC.
D.B. 415, PG. 483
D.B. 280, PG. 630 (R/W)

P/76 STEVE ORMSBY
CONNIE ORMSBY
D.B. 603, PG. 138
D.B. 603, PG. 141 (Self-Off)

Proposed ℄ US 25 South

TO CORBIN

N 22°59'52" W

N 21°21'48" W

STA. 2169+75.00
BEGIN CONSTRUCTION

PC 2168+57.36

PI 2170+00.01

PT 2171+42.63

U.S. 25 South Curve Data
P.I. Sta. 2170+00.01
D = 1°38'04" Rt.
T = 142.65'
L = 285.27'
R = 10000.00'
E = 1.02'

2166+00 2167+00 2168+00 2169+00 2170+00 2171+00 2172+00

MATCHLINE STA. 2172+00 SHEET R87

DITCH CONSTRUCTION CHART							
LT	RT	STA. TO STA.	TYPE	QUANTITY	DEPTH	THICKNESS	TYPE
X		2169+75 TO 2170+80	ECB	145 SY	1.5		V
X		2170+80 TO 2171+10	TURFMAT TYPE 1	42 SY	1.5		V
X		2171+10 TO 2171+15.53	TURFMAT TYPE 3	9 SY	1.5		V
X		2171+22.79 TO 2171+28.12	TURFMAT TYPE 4	45 SY	1.5		F.B.

CONSTRUCT ENTRANCES				DRIVEWAY				
SIDE	℄ STA.	TYPE	WIDTH (FT)	AREA (SQ YD)	1¼" ASPH. SURF. (TON)	3" ASPH. BASE (TON)	CSB (TON)	PIPE TYPE
LT.	2171+65	COM.	23.4	128	8.8	16.8	22.0	-

DRAINAGE STRUCTURE CONSTRUCTION					
NAME	TYPE	F/L OR T/G	INV. IN	INV. OUT	S.S. PROF.
Q00	EX. HDWL.	---	---	1147.60	R356
Q011	MANHOLE TYPE C	1163.28	1156.00, 1148.72	1148.65	R355
Q010	MANHOLE TYPE C	1163.64	1154.00, 1150.23	1150.15	R354
Q01	PIPE CULVERT HDWL.	---	1152.50	---	R356
Q012	S & F HDWL.	---	---	1154.91	R356

0' 20' 40' 80'

SCALE: 1"= 20'

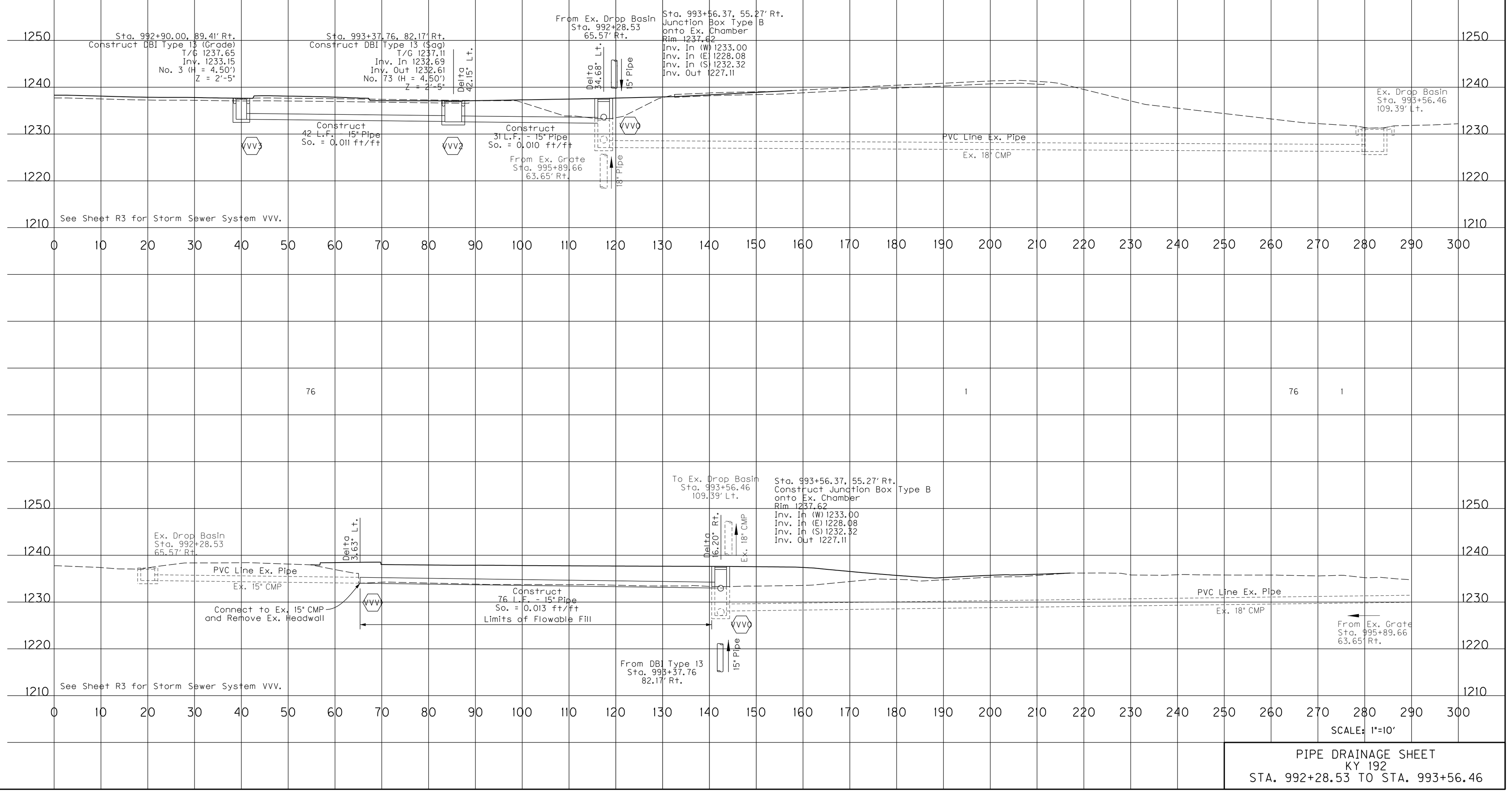
U.S. 25 SOUTH
PLAN SHEET
BEGINNING TO STA. 2172+00

BURGESS & NIPLE

PIPE DRAINAGE SHEET 1 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R297

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	SLOPED BOX OUTLET TYPE I - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	JUNCTION BOX	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					73												1	1								186	73			



CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	SLOPED BOX OUTLET TYPE I - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	JUNCTION BOX	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					76												1									76	1			

SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 992+28.53 TO STA. 993+56.46

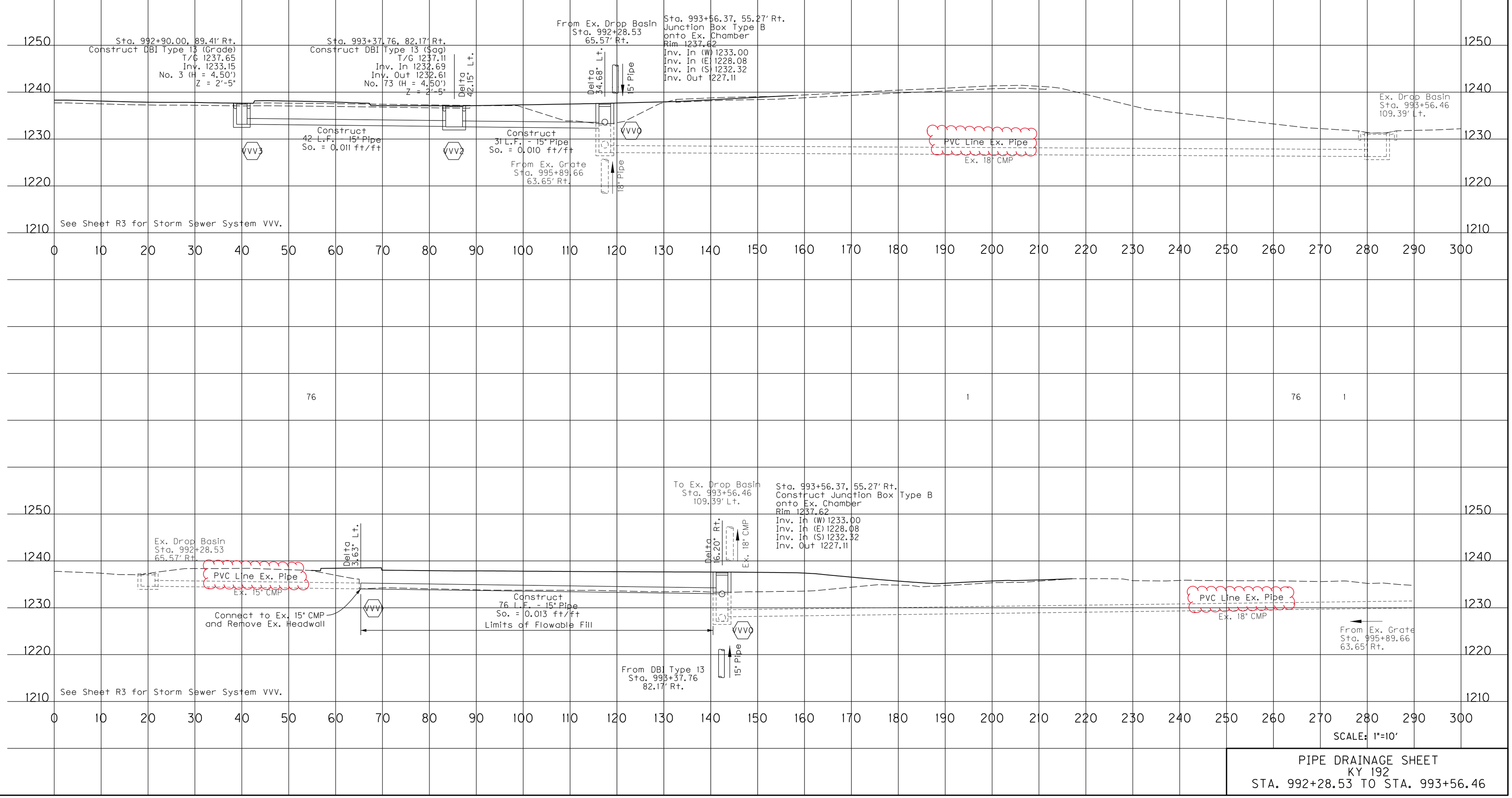
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: messex | DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R29700PD_VVV.DGN

PIPE DRAINAGE SHEET 1 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R297

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	SLOPED BOX OUTLET TYPE I - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	JUNCTION BOX	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					73												1	1								186	73			
					76													1								76	1			



SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 992+28.53 TO STA. 993+56.46

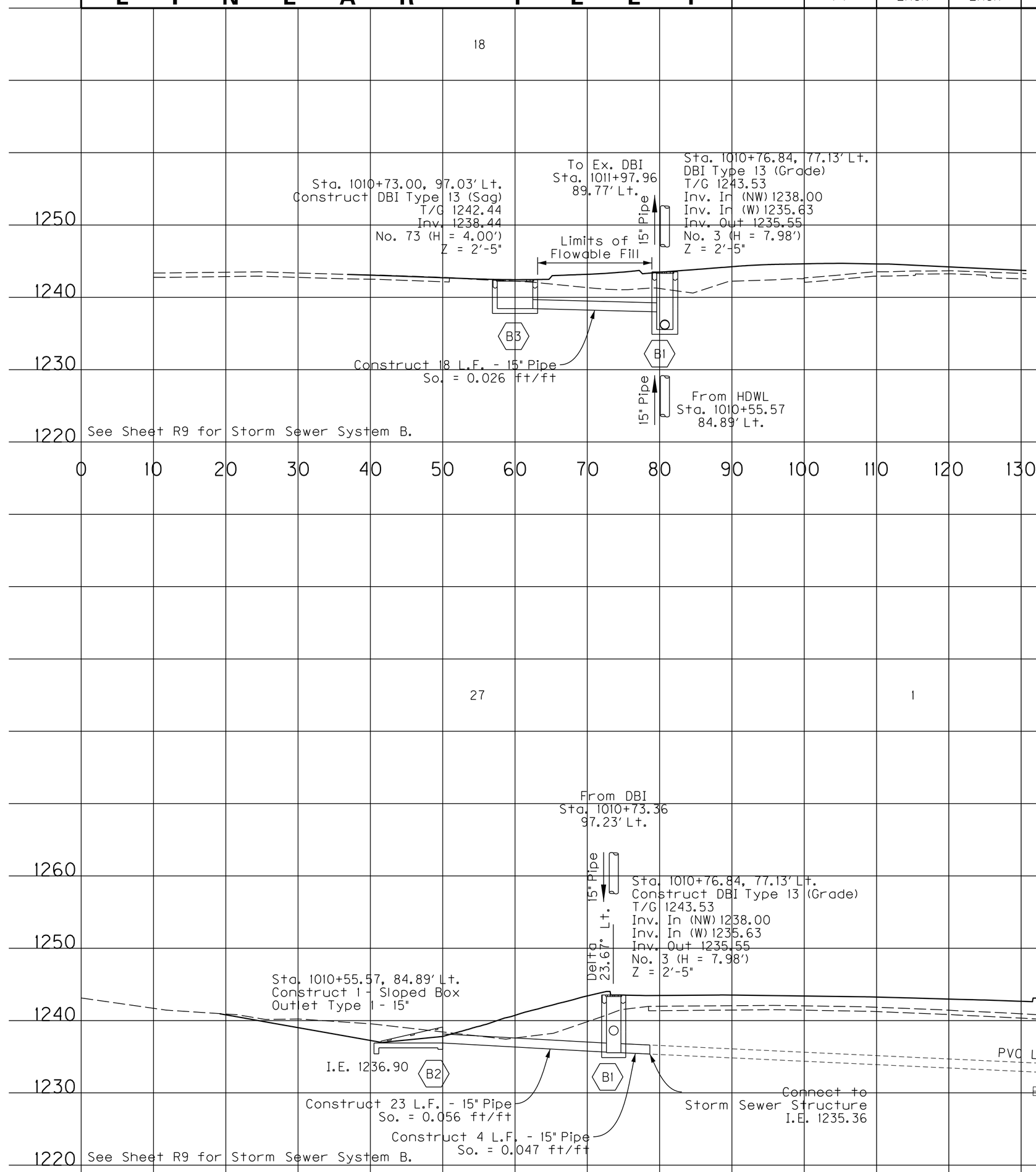
BURGESS & NIPLE

FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R297DPD_VVV.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 3 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R299

CULVERT PIPE 15"	18"	24"	30"	84"	STORM SEWER PIPE 15"	18"	24"	30"	DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	SLOPED BOX OUTLET TYPE I - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					18													1									18			
					27						1						1									77	16		1	



SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1010+55.57 TO STA. 1011+97.96

BURGESS & NIPLE

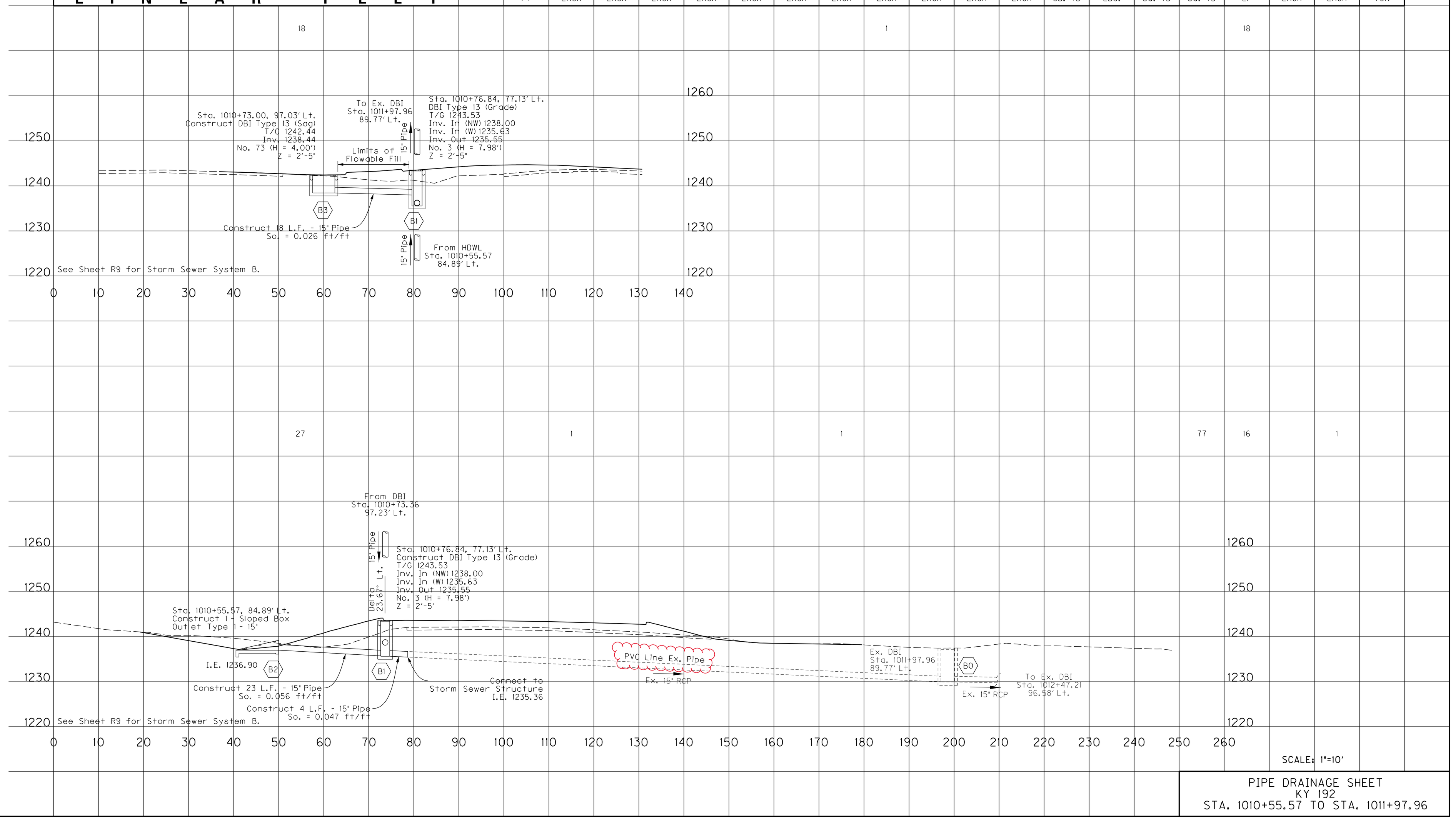
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: messex | DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R29900PD_B.DGN

PIPE DRAINAGE SHEET 3 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R299

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	SLOPED BOX OUTLET TYPE 1 - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					18													1									18			
					27													1								77	16		1	



SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1010+55.57 TO STA. 1011+97.96

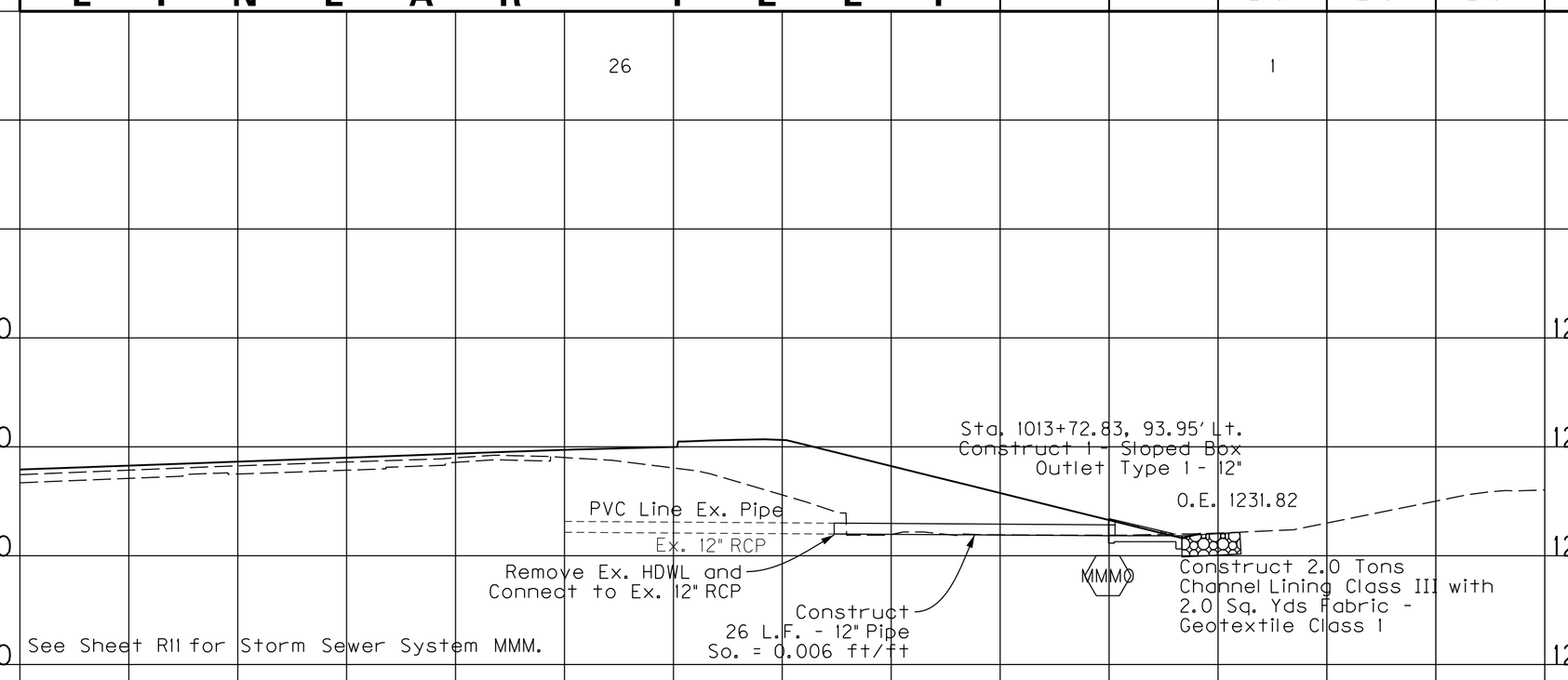
BURGESS & NIPLE

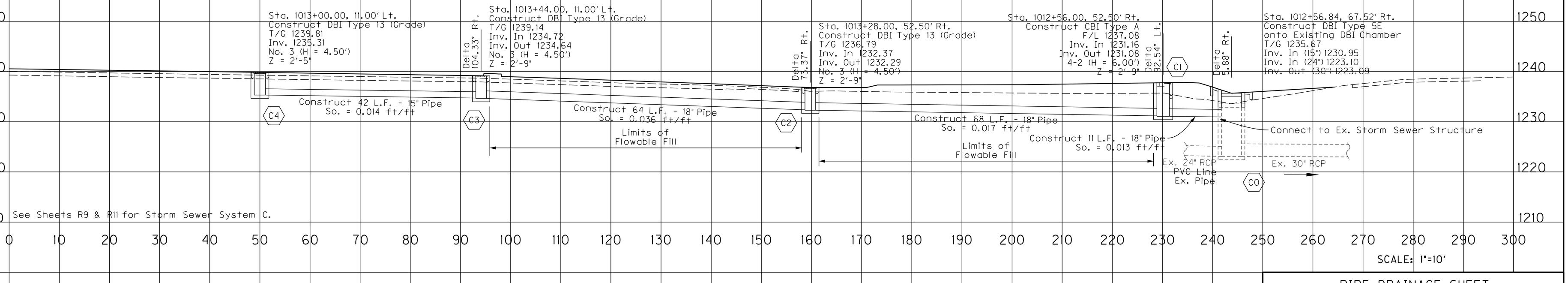
FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R29900PD_B.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 4 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R300

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 12"	SLOPED BOX OUTLET TYPE 1 - 18"	SLOPED BOX OUTLET TYPE 1 - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5E	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	12"	15"	18"	24"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					26						1														2	64	13	1		2
						42	143					1			1	3												135	180		1





SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1012+56.00 TO STA. 1013+72.83

BURGESS & NIPLE

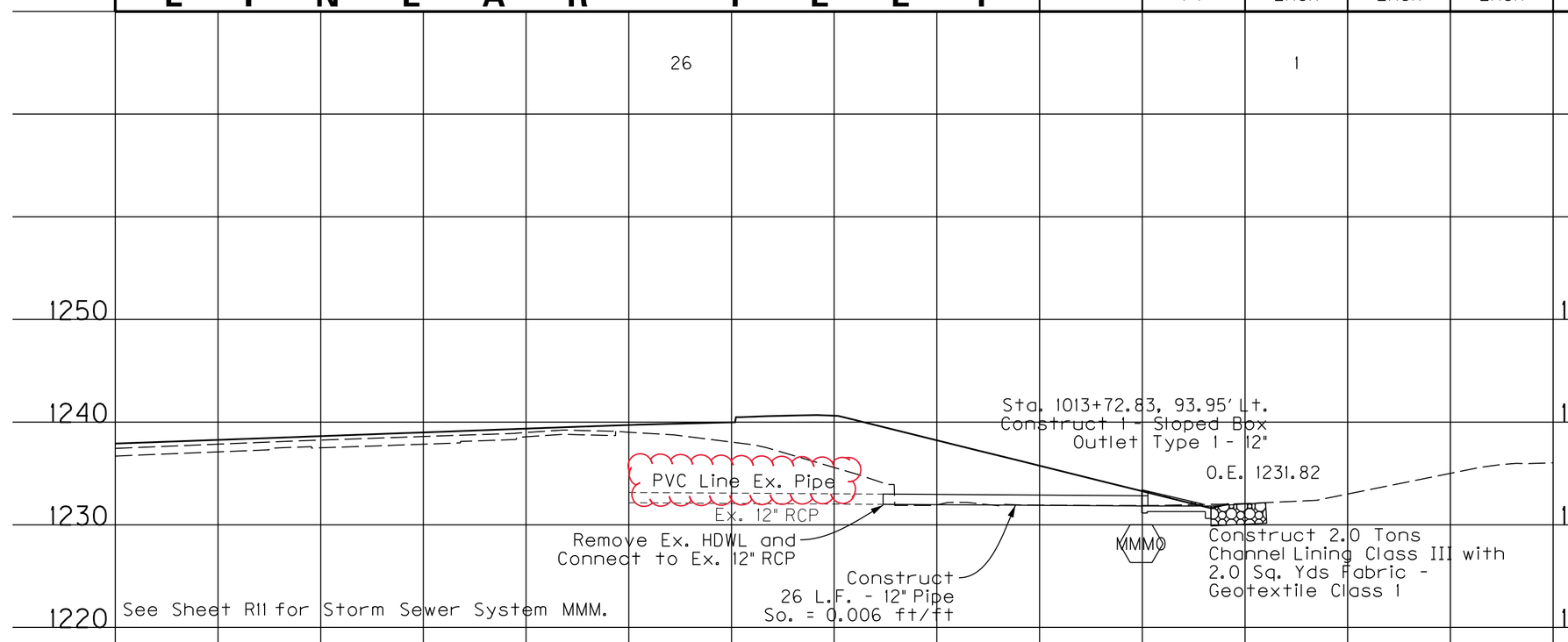
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: messex | DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R30000PD.C-MMM.DGN

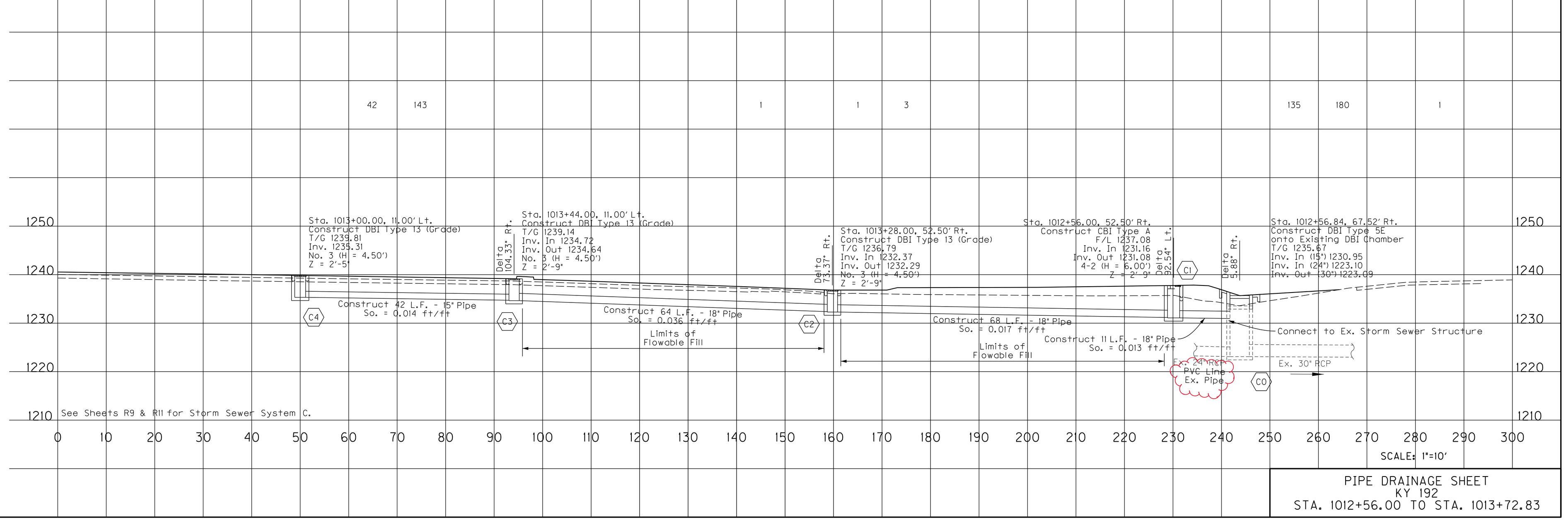
PIPE DRAINAGE SHEET 4 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R300

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 12"	SLOPED BOX OUTLET TYPE 1 - 18"	SLOPED BOX OUTLET TYPE 1 - 24"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5E	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	12"	15"	18"	24"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					26						1														2	64	13	1		2
						42	143					1		1	3													135	180		1





SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1012+56.00 TO STA. 1013+72.83

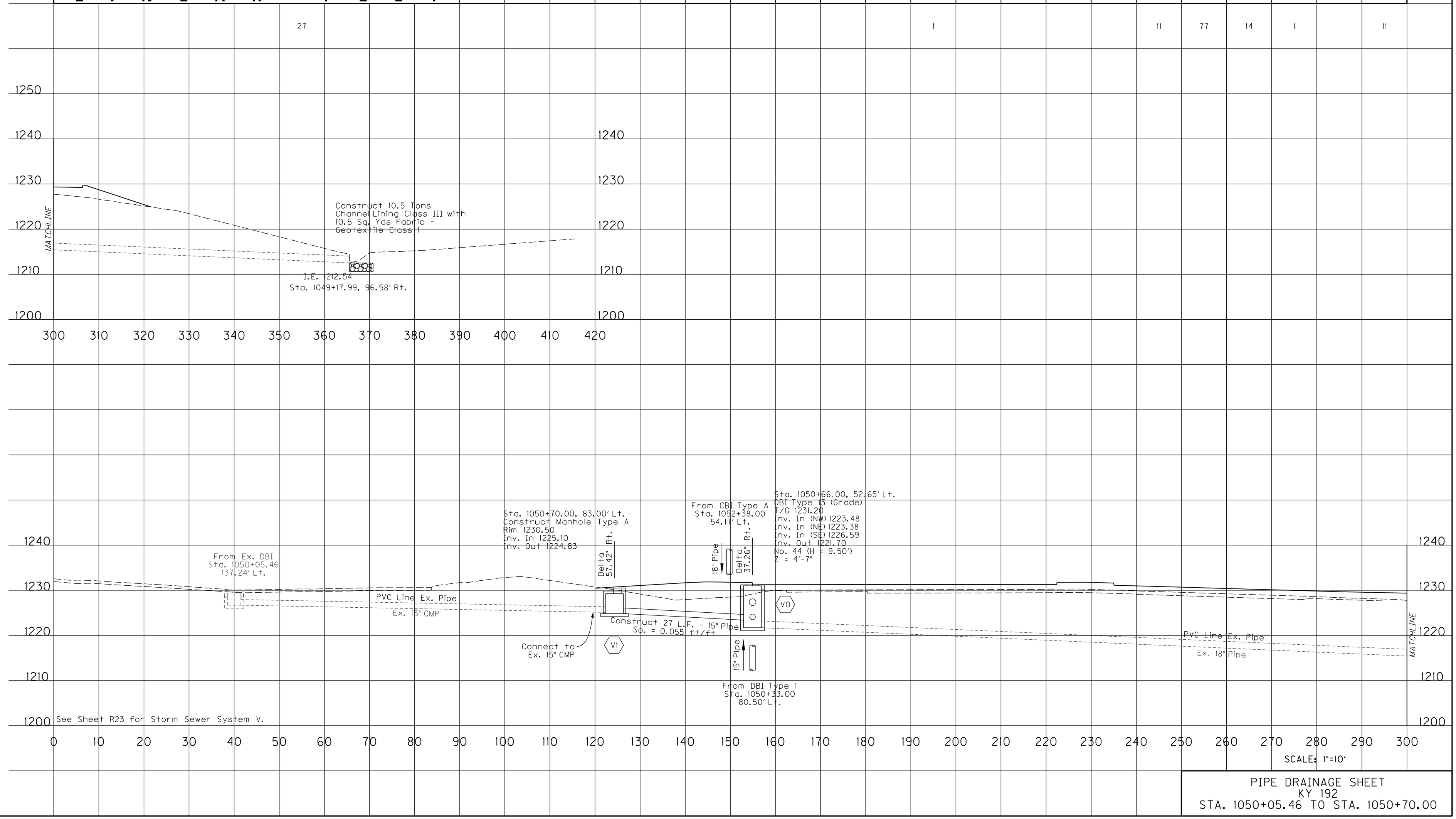
BURGESS & NIPLE

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: messex | DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R30000PD.C-MMM.DGN

PIPE DRAINAGE SHEET 23 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R318

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	S&F BOX INLET - OUTLET 36"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 1	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	36"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					27														1					11	77	14	1		11



PIPE DRAINAGE SHEET
KY 192
STA. 1050+05.46 TO STA. 1050+70.00

BURGESS & NIPLE

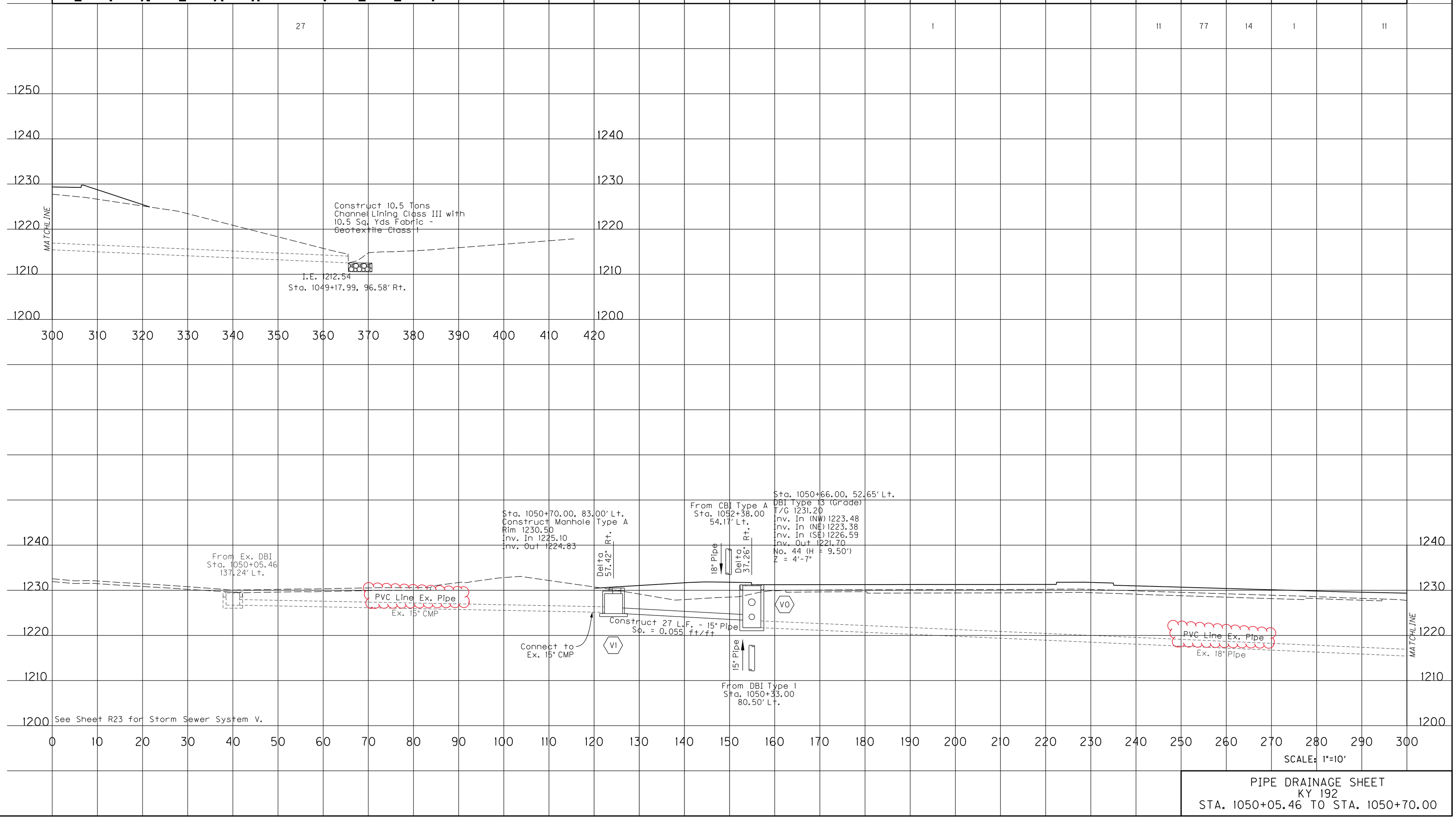
FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R31800PD_V.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 23 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R318

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	S&F BOX INLET - OUTLET 36"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 1	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	36"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					27														1					11	77	14	1		11



PIPE DRAINAGE SHEET
KY 192
STA. 1050+05.46 TO STA. 1050+70.00

BURGESS & NIPLE

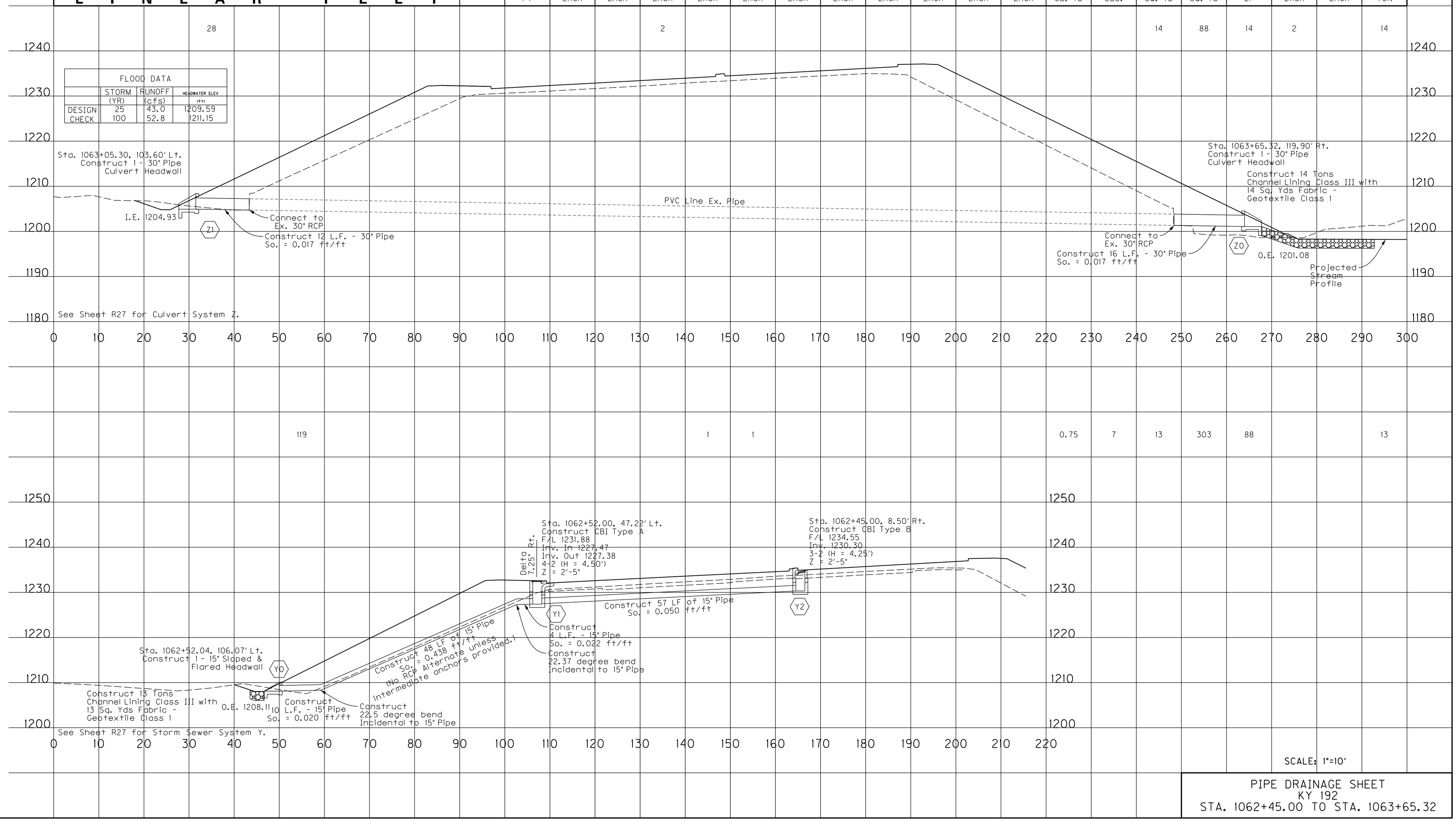
FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R31800PD_V.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 26 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R321

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE I	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	36"																						
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
			28										2												14	88	14	2		14
																						0.75	7	13	303	88			13

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	43.0	1209.59
CHECK	100	52.8	1211.15



SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1062+45.00 TO STA. 1063+65.32

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R32100PD_Y-Z.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power inRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R321

PIPE DRAINAGE SHEET 26 of 87

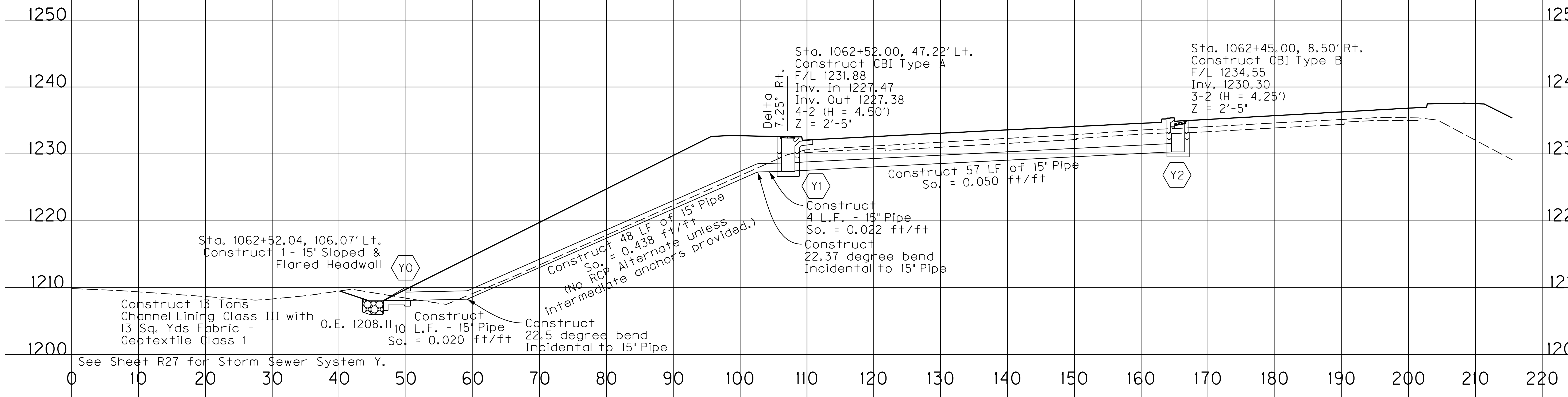
REVISED 4/11/2023

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 1	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS 1 (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	36"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
			28										2											14	88	14	2		14
					119									1	1							0.75	7	13	303	88			13

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	43.0	1209.59
CHECK	100	52.8	1211.15

See Sheet R27 for Culvert System Z.



See Sheet R27 for Storm Sewer System Y.

SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1062+45.00 TO STA. 1063+65.32

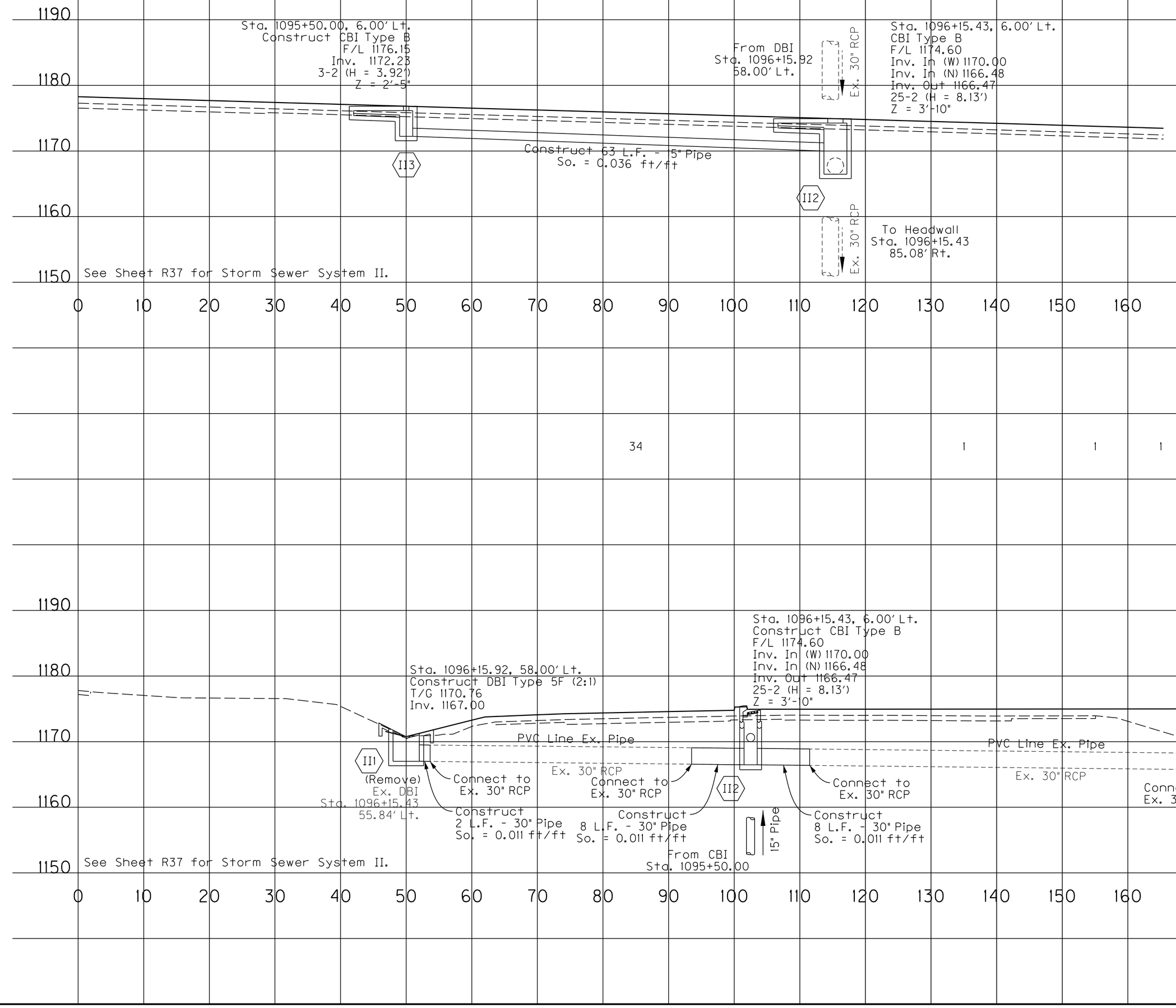
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: messex
DATE PLOTTED: April 11, 2023
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R32100PD_Y-Z.DGN

BURGESS & NIPLE

PIPE DRAINAGE SHEET 31 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R326

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					63										1											165	63			
								34					1		1	1									8	101	25	4		8



SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1095+50.00 TO STA. 1096+15.92

BURGESS & NIPLE

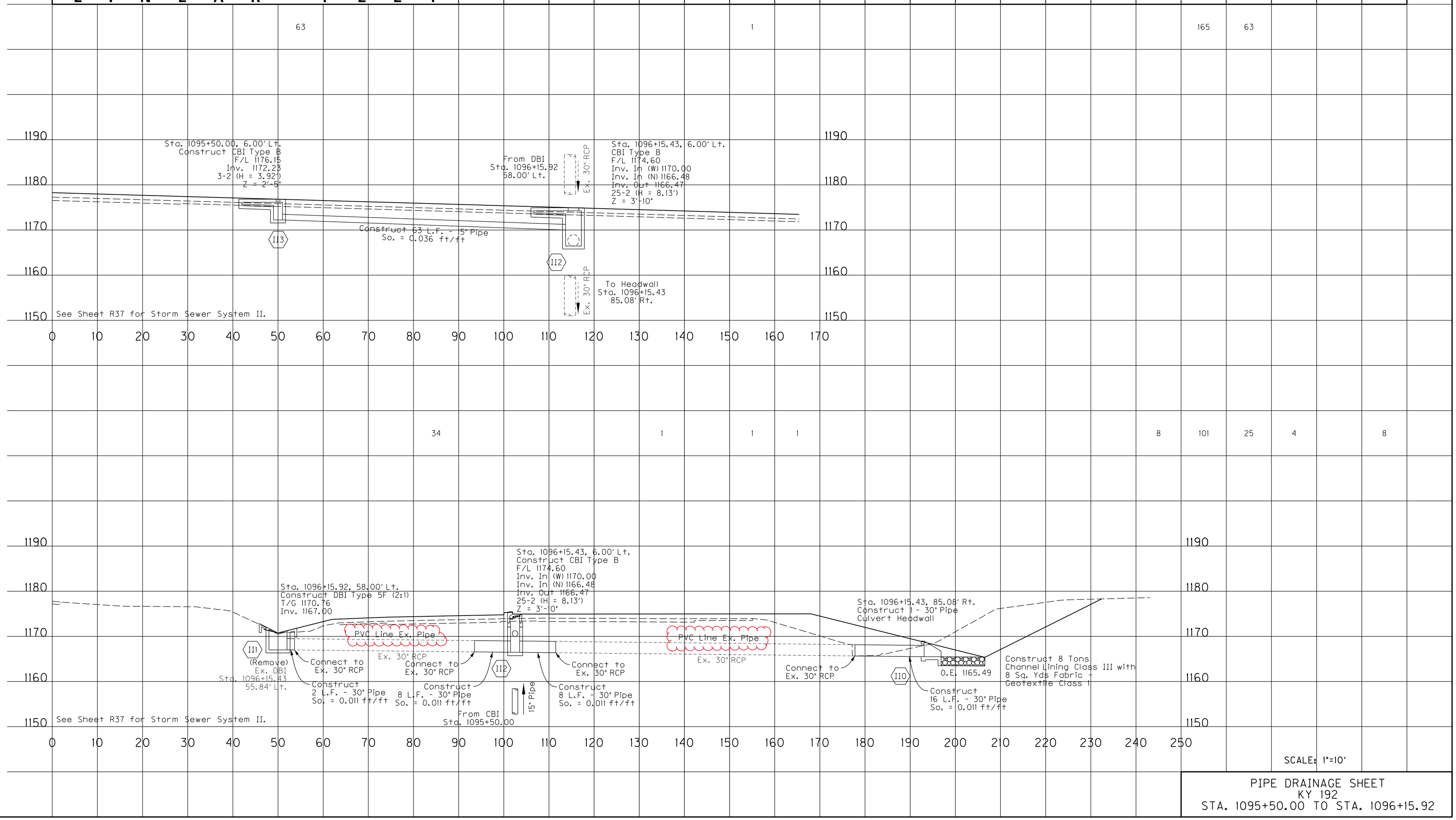
FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R32600PD.11.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 31 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R326

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					63										1											165	63			
								34					1		1	1									8	101	25	4		8



SCALE: 1"=10'

PIPE DRAINAGE SHEET
KY 192
STA. 1095+50.00 TO STA. 1096+15.92

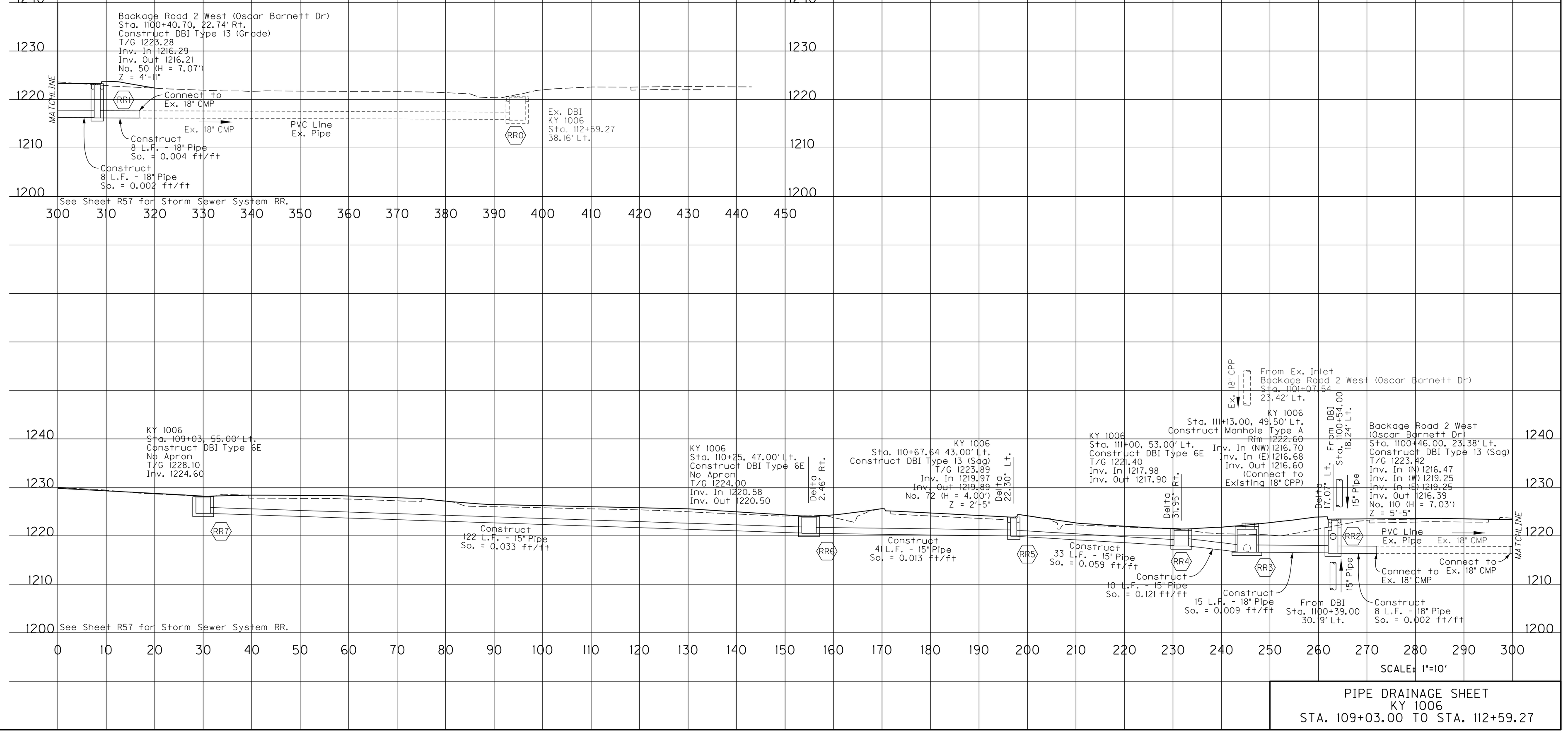
BURGESS & NIPLE

FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R32600PD.11.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 42 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R337

CULVERT PIPE 15"	CULVERT PIPE 18"	CULVERT PIPE 24"	CULVERT PIPE 30"	CULVERT PIPE 84"	STORM SEWER PIPE 15"	STORM SEWER PIPE 18"	STORM SEWER PIPE 24"	STORM SEWER PIPE 30"	DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 6E	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS 'A' CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					206	39										3	1	2	1							579	216	4		



PIPE DRAINAGE SHEET
KY 1006
STA. 109+03.00 TO STA. 112+59.27

BURGESS & NIPLE

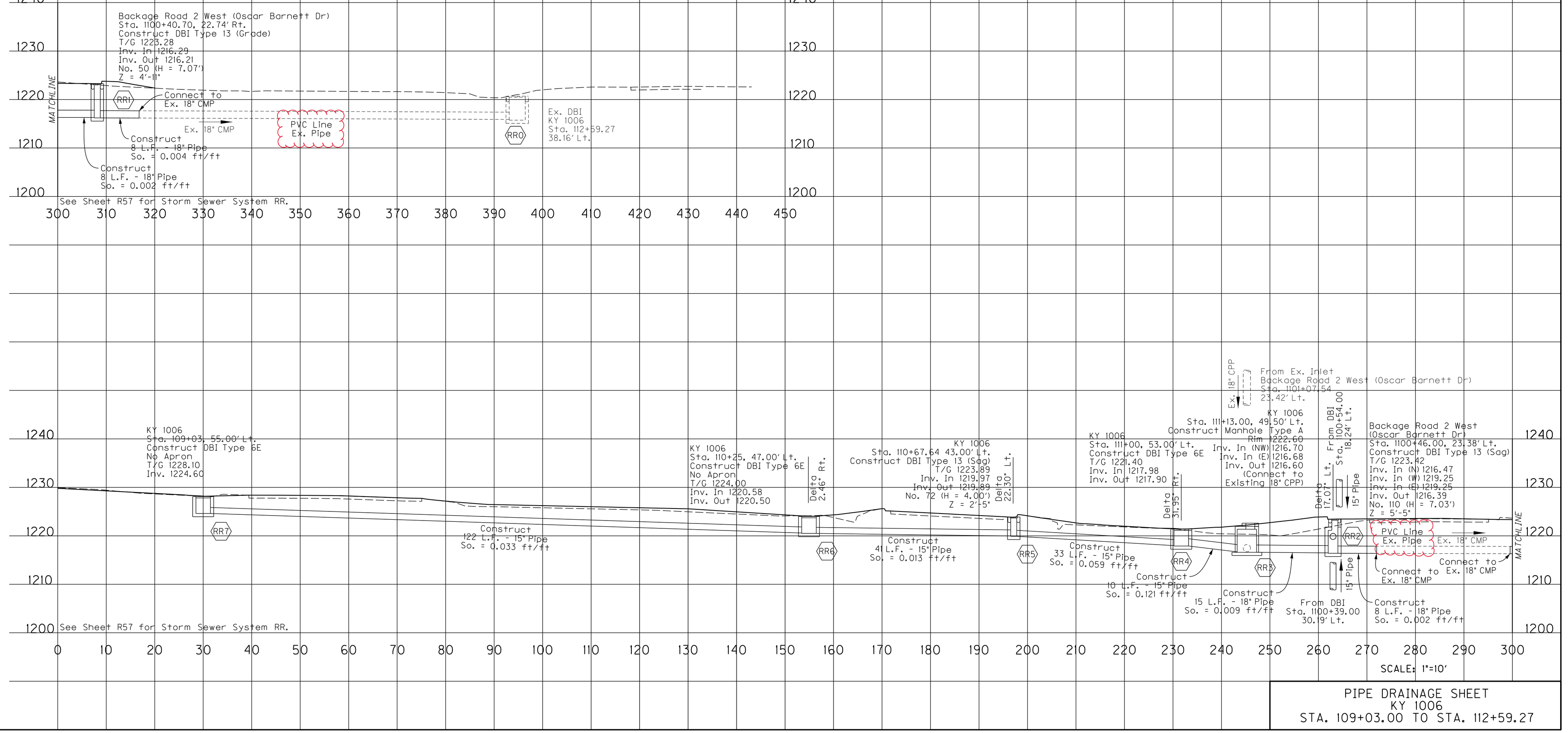
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R337OPD_RR.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power inRoads v8.11.9.397

PIPE DRAINAGE SHEET 42 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R337

CULVERT PIPE 15"	CULVERT PIPE 18"	CULVERT PIPE 24"	CULVERT PIPE 30"	CULVERT PIPE 84"	STORM SEWER PIPE 15"	STORM SEWER PIPE 18"	STORM SEWER PIPE 24"	STORM SEWER PIPE 30"	DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 6E	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	MANHOLE TYPE C	CLASS 'A' CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					206	39										3	1	2	1							579	216	4		



PIPE DRAINAGE SHEET
KY 1006
STA. 109+03.00 TO STA. 112+59.27

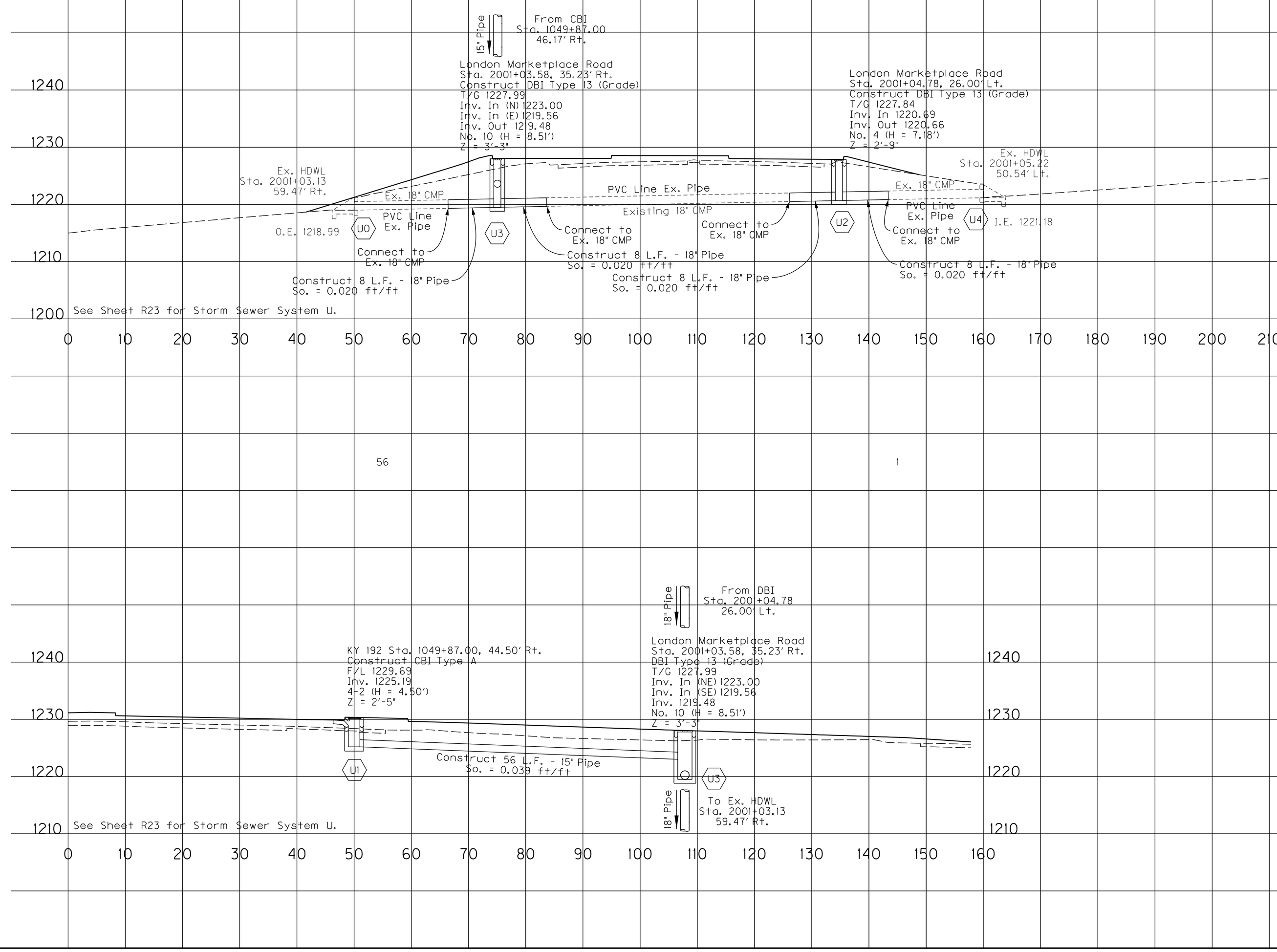
BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R337OPD_RR.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power inRoads v8.11.9.397

PIPE DRAINAGE SHEET 50 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R345

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - 15" TYPE 1	SLOPED BOX OUTLET - 18" TYPE 1	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	JUNCTION BOX	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
						32											2									96	24	4		
						56									1											153	56			



SCALE: 1"=10'

PIPE DRAINAGE SHEET
LONDON MARKETPLACE ROAD
STA. 2001+03.13 TO STA. 2001+05.22

BURGESS & NIPLE

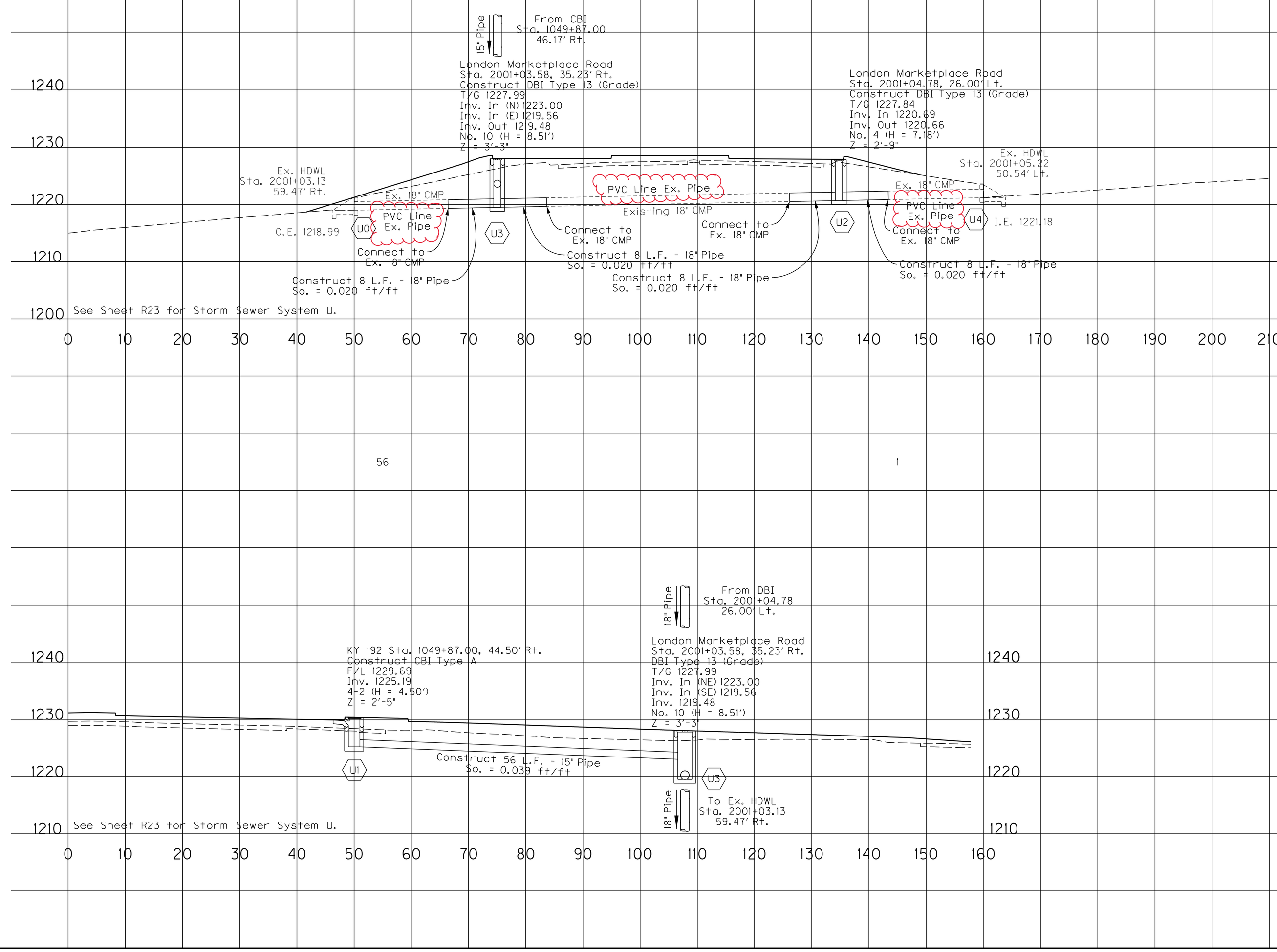
FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R345OOPD_LU.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 50 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R345

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - 15" TYPE 1	SLOPED BOX OUTLET - 18" TYPE 1	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	JUNCTION BOX	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
						32											2								96	24	4		
					56									1												153	56			



SCALE: 1"=10'

PIPE DRAINAGE SHEET
LONDON MARKETPLACE ROAD
STA. 2001+03.13 TO STA. 2001+05.22

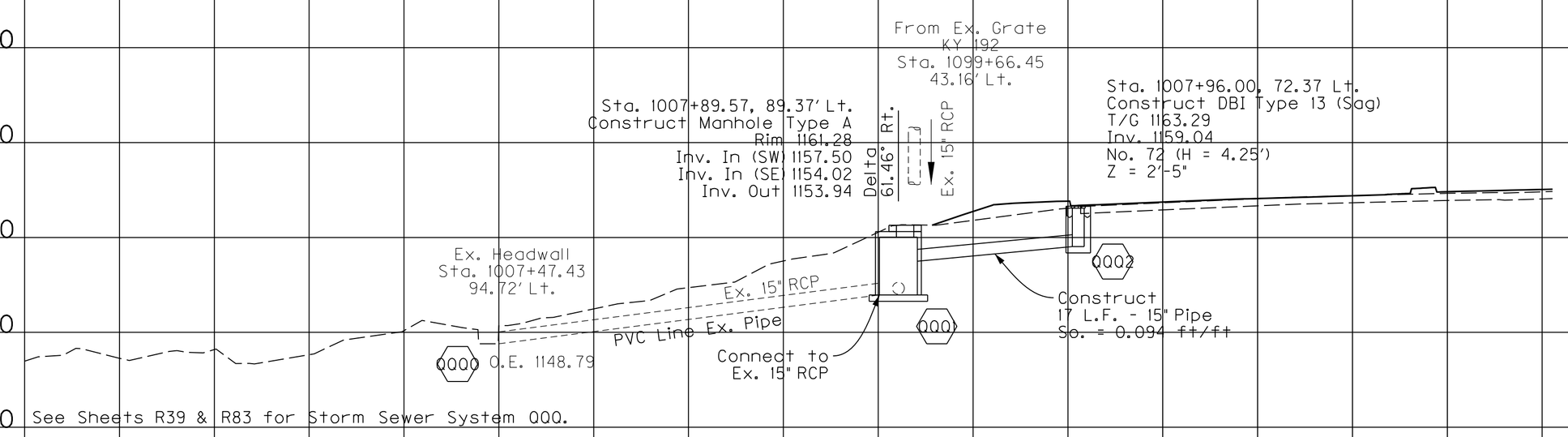
BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R34500PD_LU.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 58 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R353

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	JUNCTION BOX	CLASS 'A' CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					17														1	1						42	9	1		



SCALE: 1"=10'

PIPE DRAINAGE SHEET
US 25 NORTH
STA. 1007+47.43 TO STA. 1007+96.00

BURGESS & NIPLE

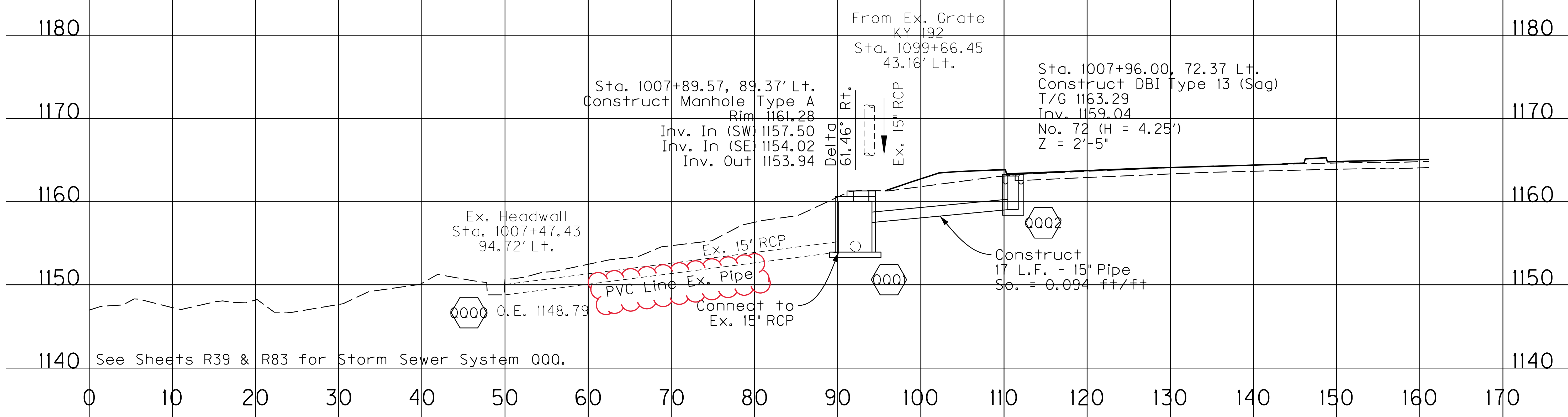
MicroStation v8.11.9.919 | E-SHEET NAME: | USER: mitchen DATE PLOTTED: April 11, 2023 | FILE NAME: P:\PRS3233\CADD\ROADWAY PLANS\R35300PD.000.DGN

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R353

PIPE DRAINAGE SHEET 58 of 87

REVISED 4/11/2023

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5F	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	JUNCTION BOX	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS 1 (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R					F E E T					FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					17													1	1						42	9	1		



SCALE: 1"=10'

PIPE DRAINAGE SHEET
US 25 NORTH
STA. 1007+47.43 TO STA. 1007+96.00

MicroStation v8.11.9.919

E-SHEET NAME:

USER: mitchen
DATE PLOTTED: April 11, 2023

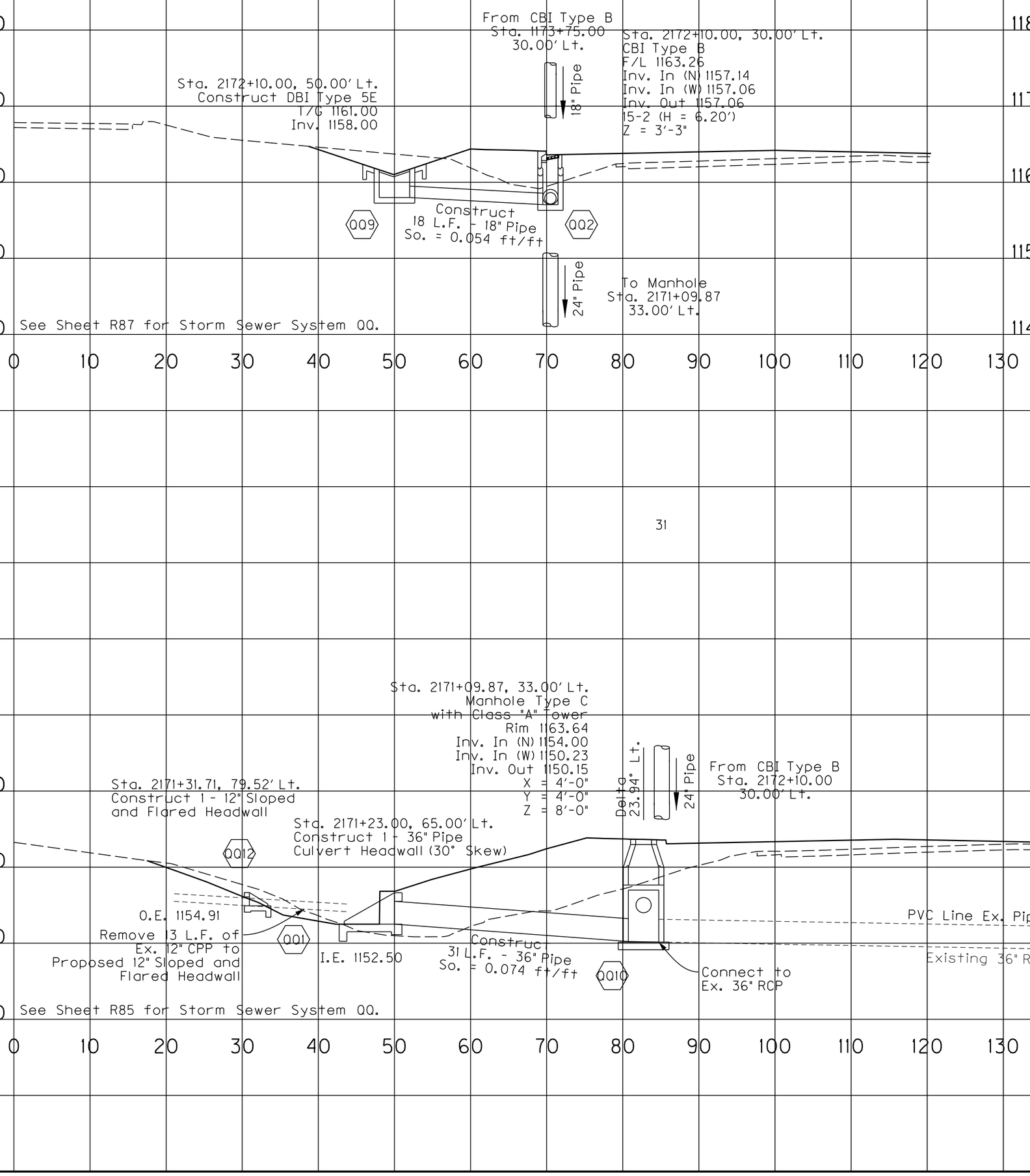
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R35300PD_000.DGN

BURGESS & NIPLE

PIPE DRAINAGE SHEET 61 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R356

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 36"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5E	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	REMOVE PIPE	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	36"																					
L I N E A R F E E T										FT	EACH	EACH	EACH																
						18											1									52	9			
								31					1							13	0.58	7		113	16	3			



PIPE DRAINAGE SHEET
US 25 SOUTH
STA. 2171+09.87 TO STA. 2172+10.00

BURGESS & NIPLE

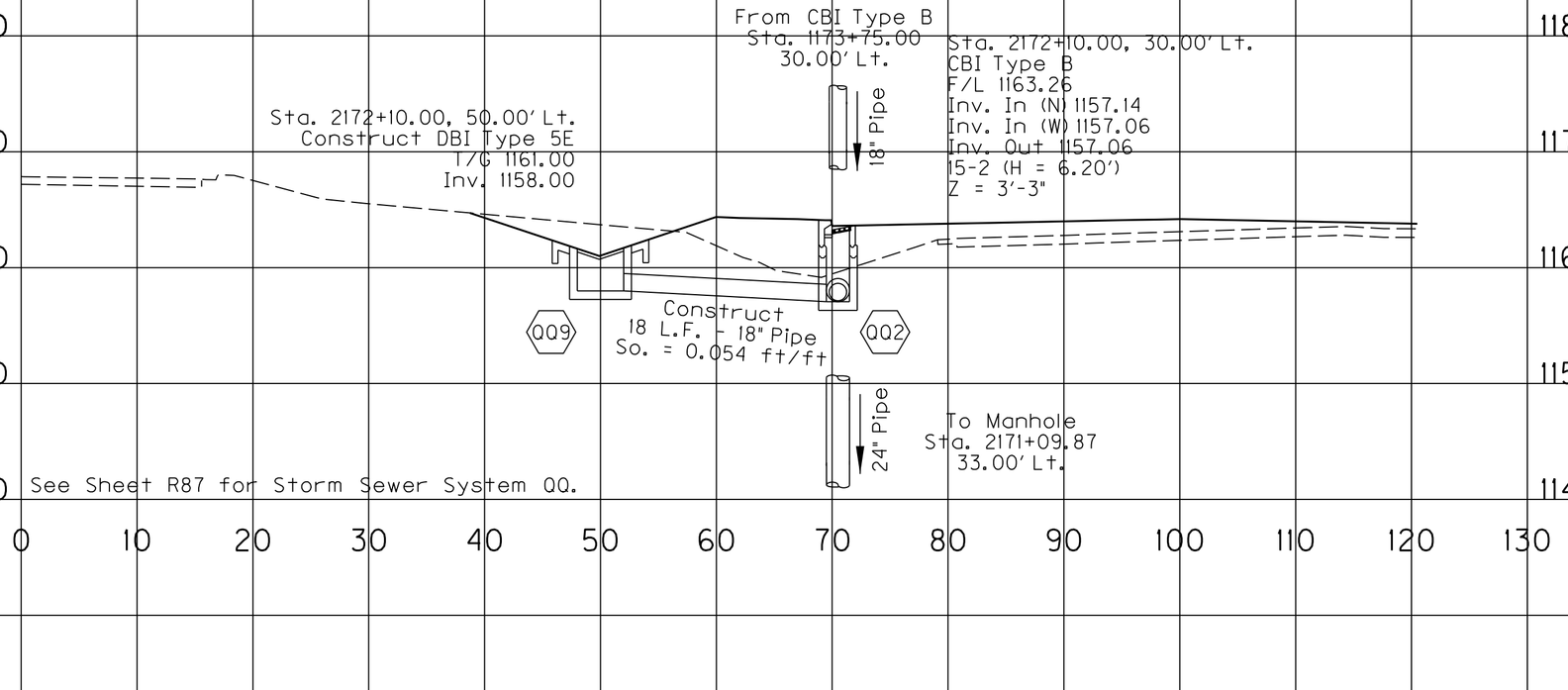
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R35600PD.00.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

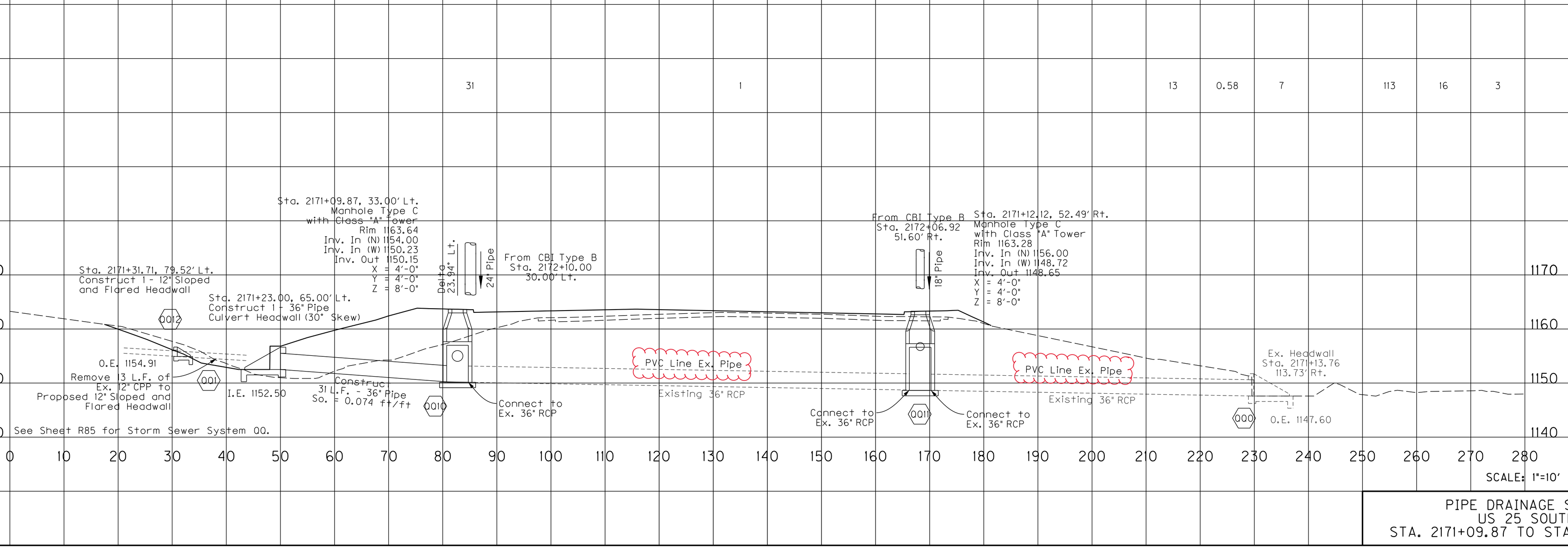
PIPE DRAINAGE SHEET 61 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R356

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - 15" TYPE I	SLOPED BOX OUTLET - 18" TYPE I	PIPE CULVERT HEADWALL - 36"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5E	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	REMOVE PIPE	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	36"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LF	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
						18											1									52	9			
								31					1							13	0.58	7		113	16	3			





SCALE: 1"=10'

PIPE DRAINAGE SHEET
US 25 SOUTH
STA. 2171+09.87 TO STA. 2172+10.00

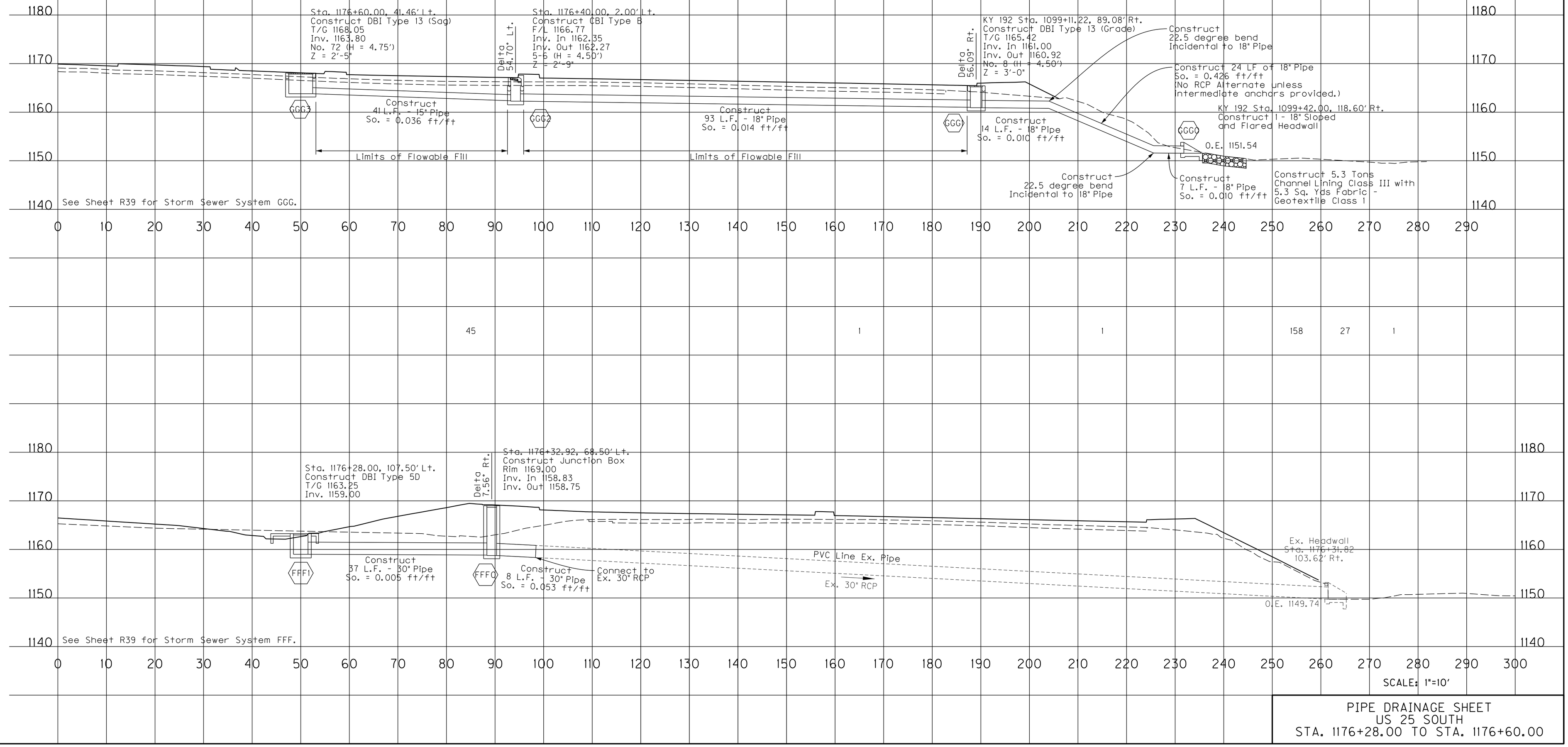
BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R35600PD_00.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 62 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R357

CULVERT PIPE 15"	18"	24"	30"	84"	STORM SEWER PIPE 15"	18"	24"	30"	DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - TYPE I - 15"	SLOPED BOX OUTLET - TYPE I - 18"	PIPE CULVERT HEADWALL - 36"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	JUNCTION BOX	CLASS 'A' CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					41	138									1		1	1				0.93	8	6	89	157			6
					45										1						1								



SCALE: 1"=10'

PIPE DRAINAGE SHEET
US 25 SOUTH
STA. 1176+28.00 TO STA. 1176+60.00

BURGESS & NIPLE

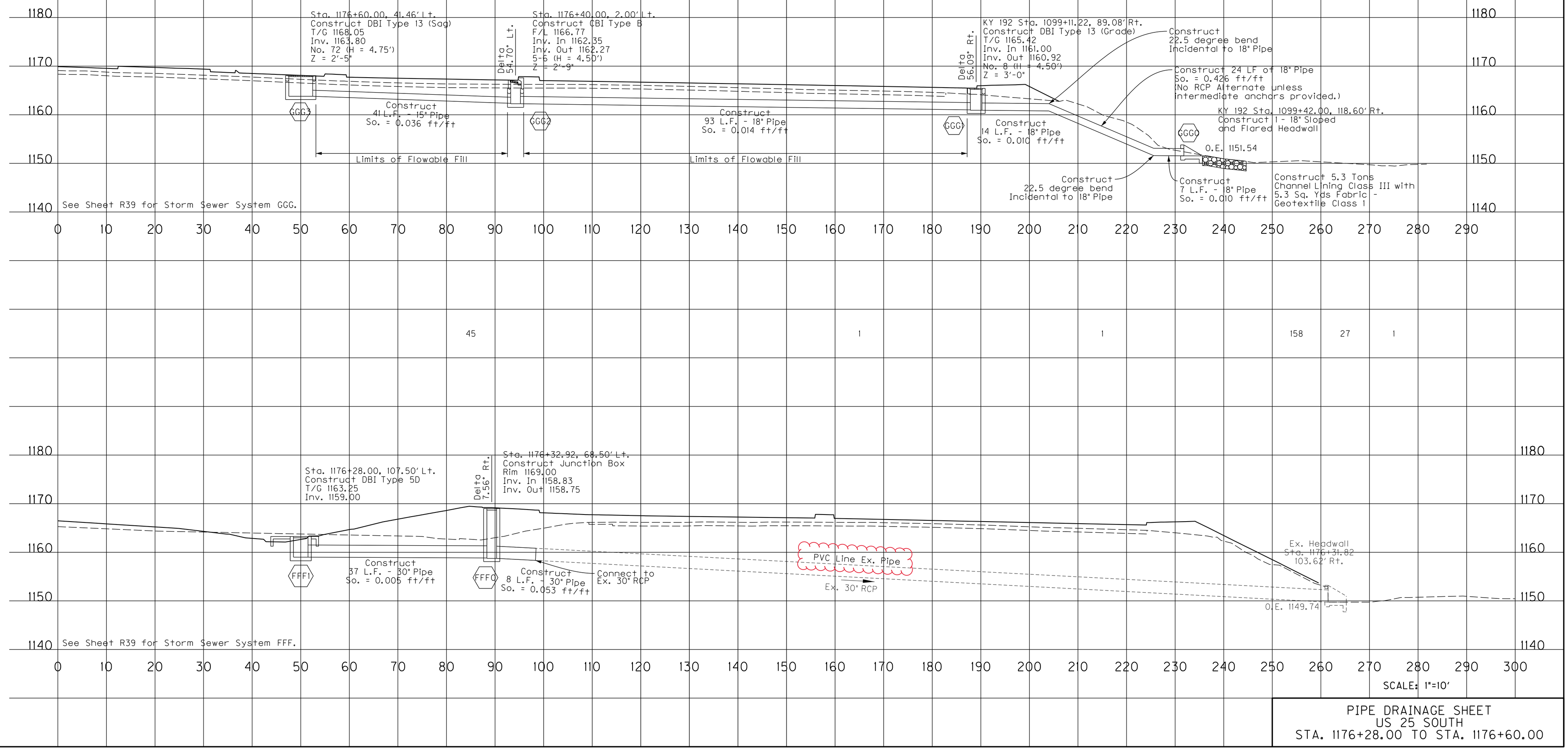
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R35TOPD_FFF-GGG.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 62 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R357

CULVERT PIPE 15"	CULVERT PIPE 18"	CULVERT PIPE 24"	CULVERT PIPE 30"	CULVERT PIPE 84"	STORM SEWER PIPE 15"	STORM SEWER PIPE 18"	STORM SEWER PIPE 24"	STORM SEWER PIPE 30"	DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 36"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 13G	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	JUNCTION BOX	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	EACH	TON
					41	138									1		1	1				0.93	8	6	89	157			6
					45										1					1									



SCALE: 1"=10'

PIPE DRAINAGE SHEET
US 25 SOUTH
STA. 1176+28.00 TO STA. 1176+60.00

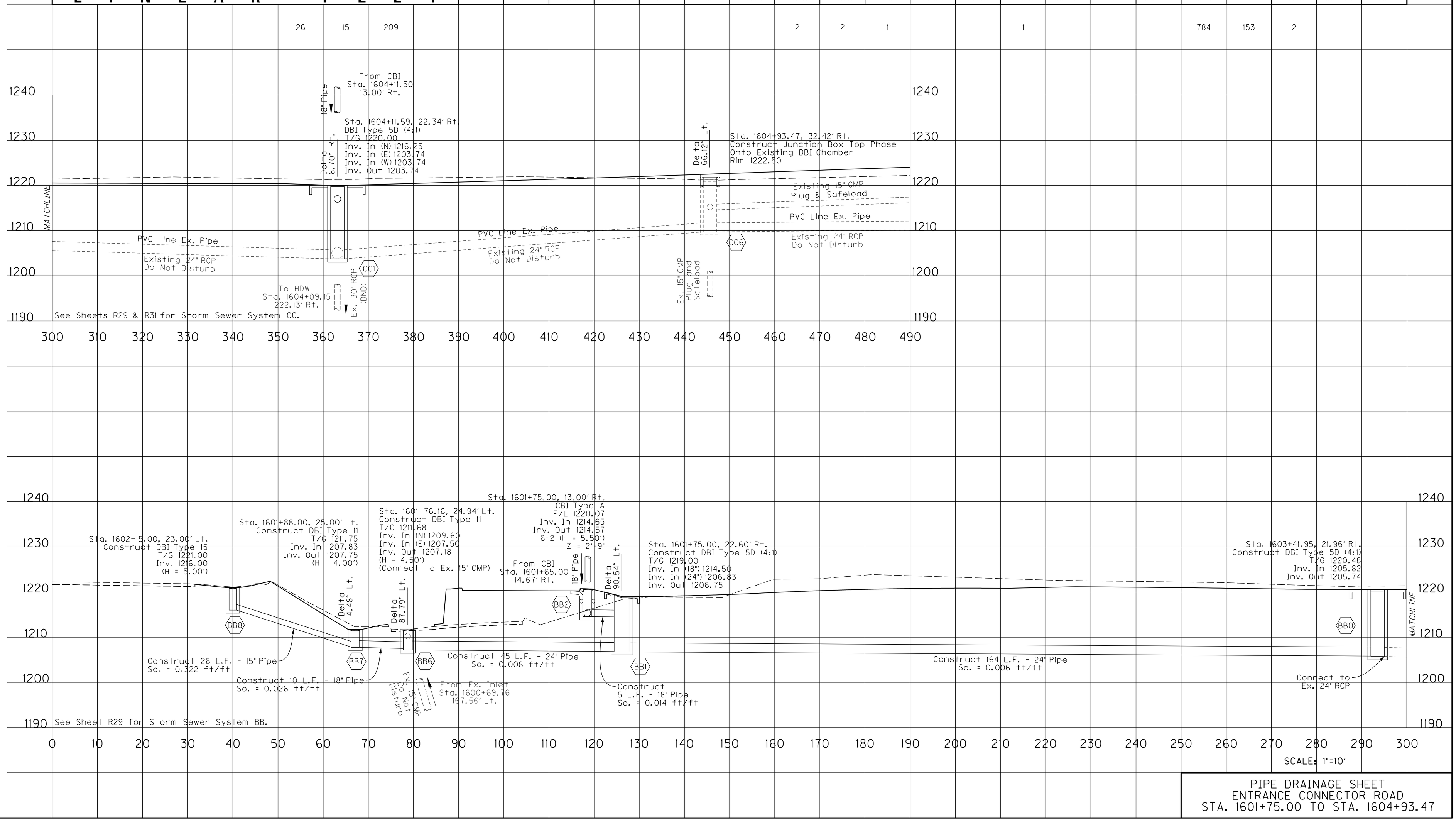
BURGESS & NIPLE

FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R35TOPD_FFF-GGG.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 78 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R373

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - TYPE I - 15"	SLOPED BOX OUTLET - TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 11	DROP BOX INLET TYPE 15	MANHOLE TYPE A	MANHOLE TYPE C	JUNTION BOX	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	CU. YD	TON
					26	15	209									2	2	1			1					784	153	2		



PIPE DRAINAGE SHEET
ENTRANCE CONNECTOR ROAD
STA. 1601+75.00 TO STA. 1604+93.47

BURGESS & NIPLE

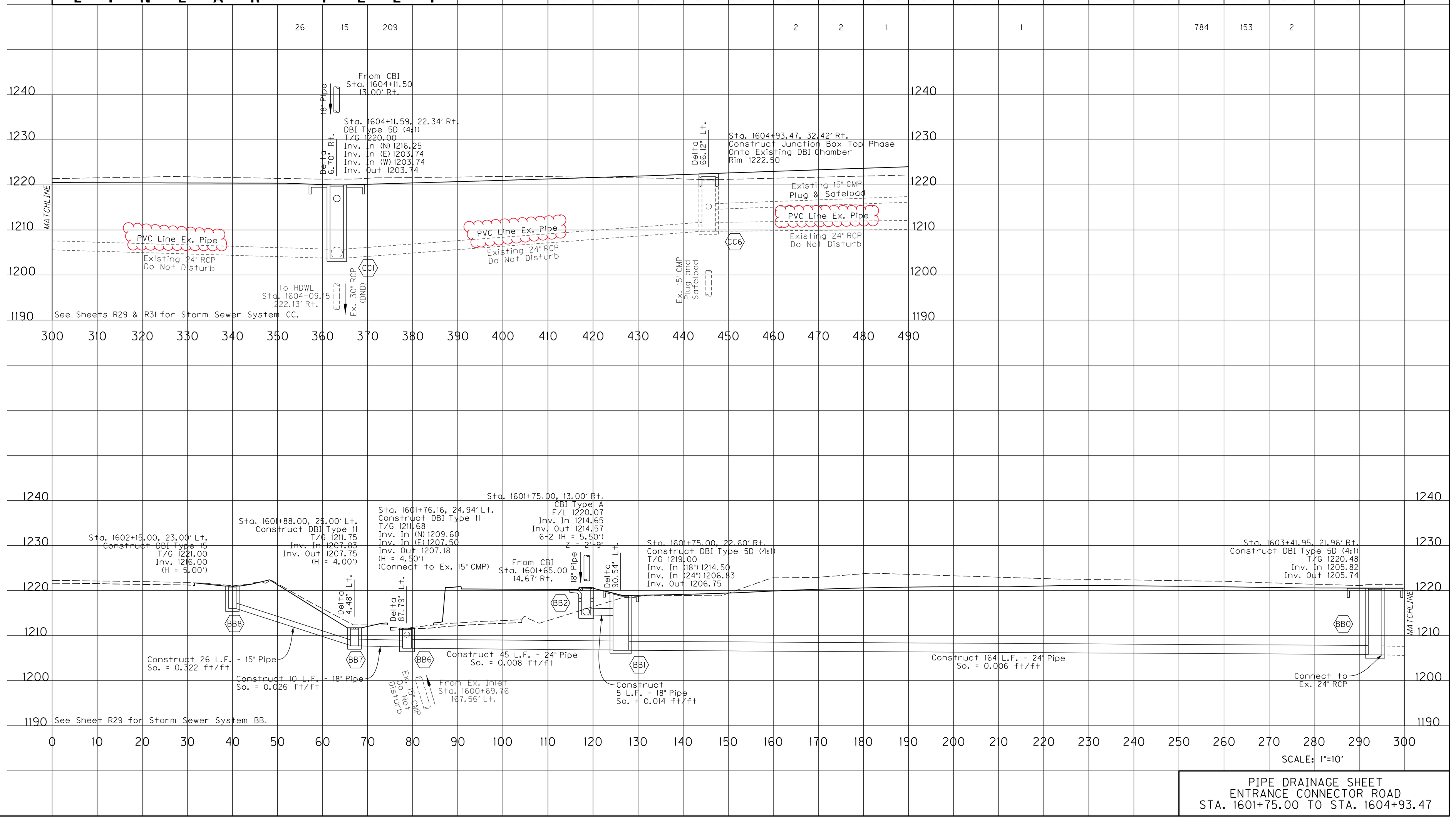
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R37300PD.BB.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 78 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R373

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE I - 15"	SLOPED BOX OUTLET TYPE I - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 11	DROP BOX INLET TYPE 15	MANHOLE TYPE A	MANHOLE TYPE C	JUNTION BOX	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	CU. YD	TON
					26	15	209									2	2	1			1					784	153	2		



PIPE DRAINAGE SHEET
ENTRANCE CONNECTOR ROAD
STA. 1601+75.00 TO STA. 1604+93.47

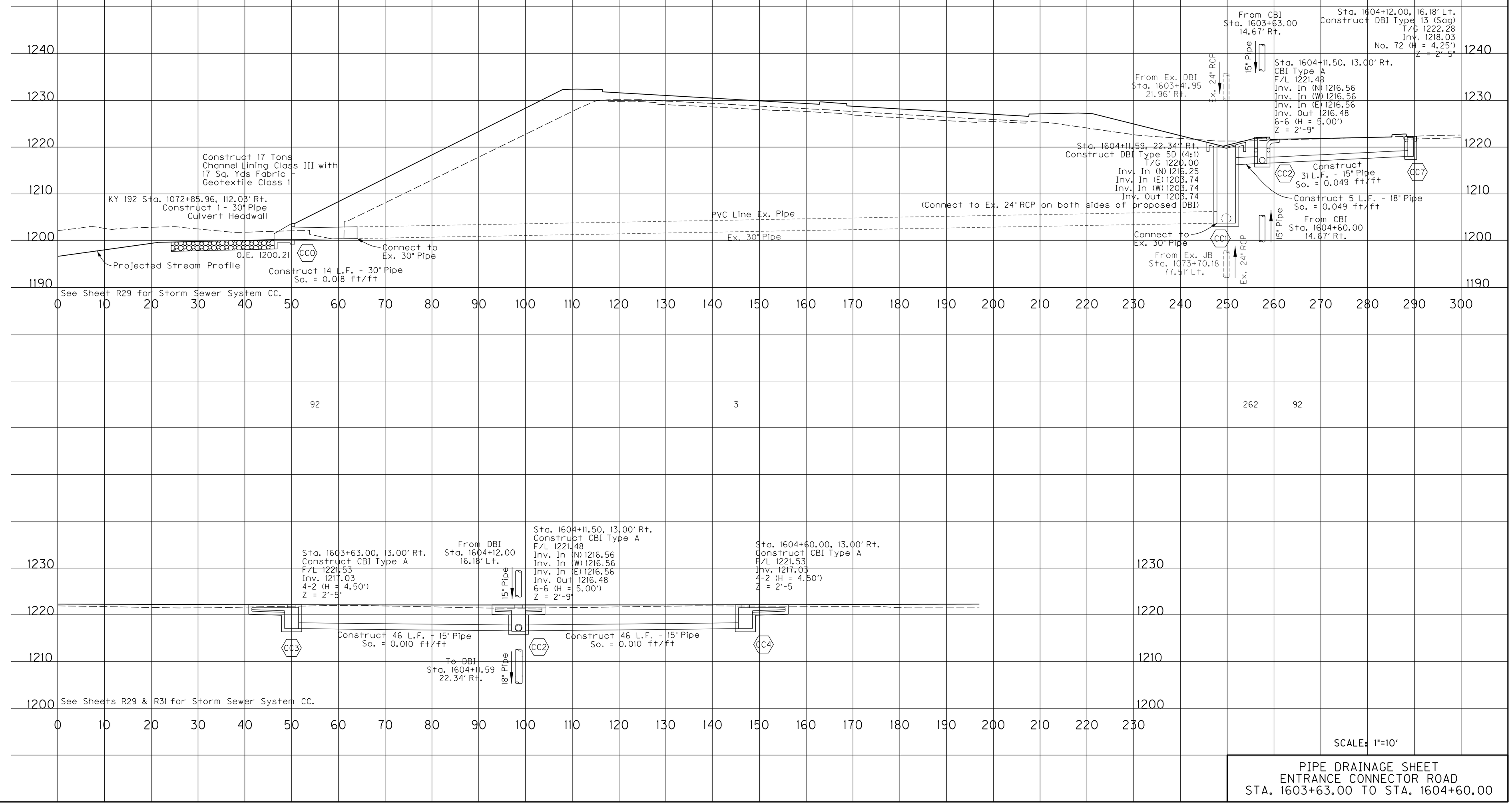
BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R37300PD.BB.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 79 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R374

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - TYPE 1 - 15"	SLOPED BOX OUTLET - TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 11	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	REMOVE PIPE	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LF	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	CU. YD	TON
					31	5		14					1			1		1							17	140	41	4		17
					92													3								262	92			



SCALE: 1"=10'

PIPE DRAINAGE SHEET
ENTRANCE CONNECTOR ROAD
STA. 1603+63.00 TO STA. 1604+60.00

BURGESS & NIPLE

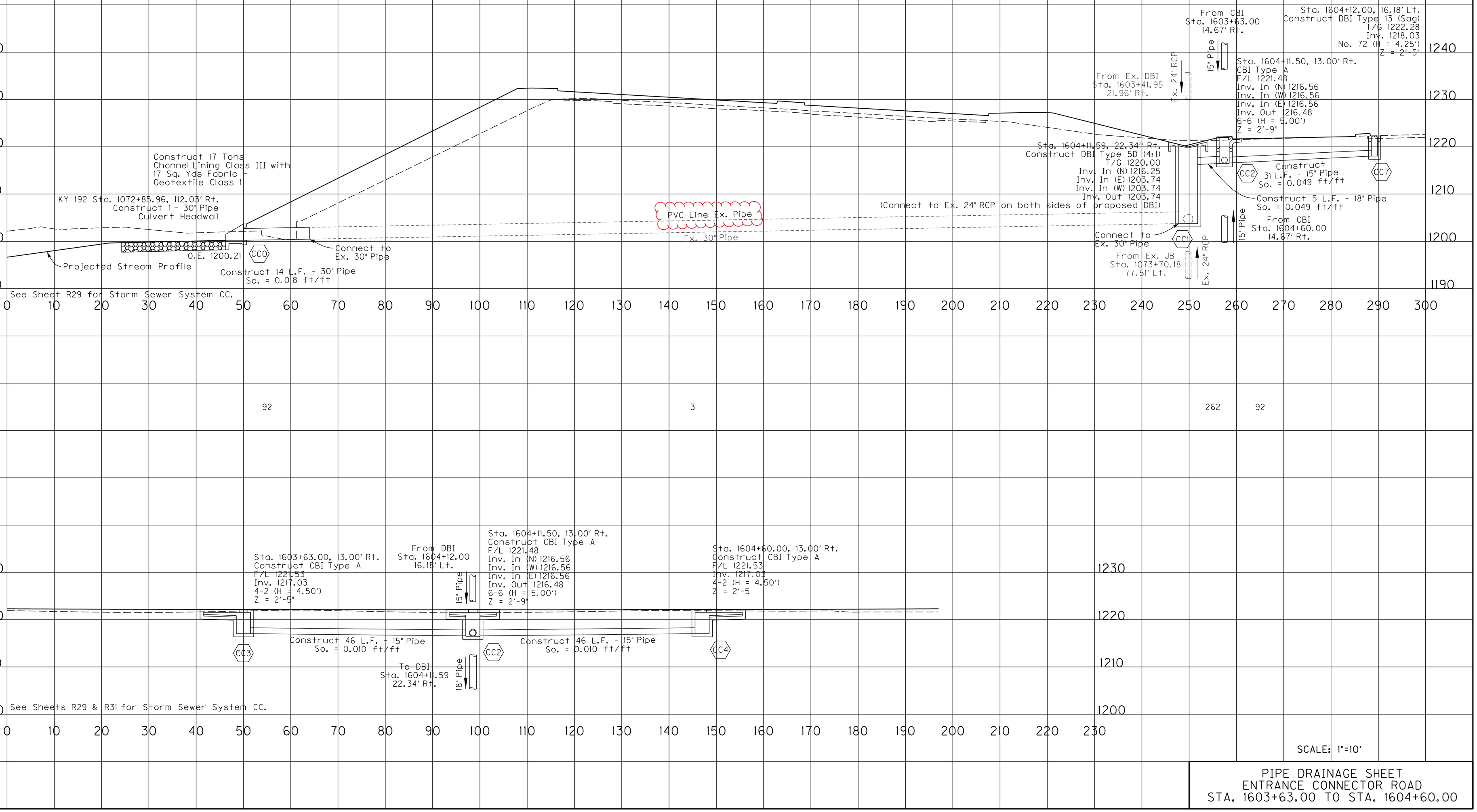
FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R3740PD_CC.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power inRoads v8.11.9.397

PIPE DRAINAGE SHEET 79 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R374

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET - TYPE 1 - 15"	SLOPED BOX OUTLET - TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 11	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE C	REMOVE PIPE	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LF	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	CU. YD	TON
					31	5		14					1			1		1						17	140	41	4		17
					92													3							262	92				



SCALE: 1"=10'

PIPE DRAINAGE SHEET
ENTRANCE CONNECTOR ROAD
STA. 1603+63.00 TO STA. 1604+60.00

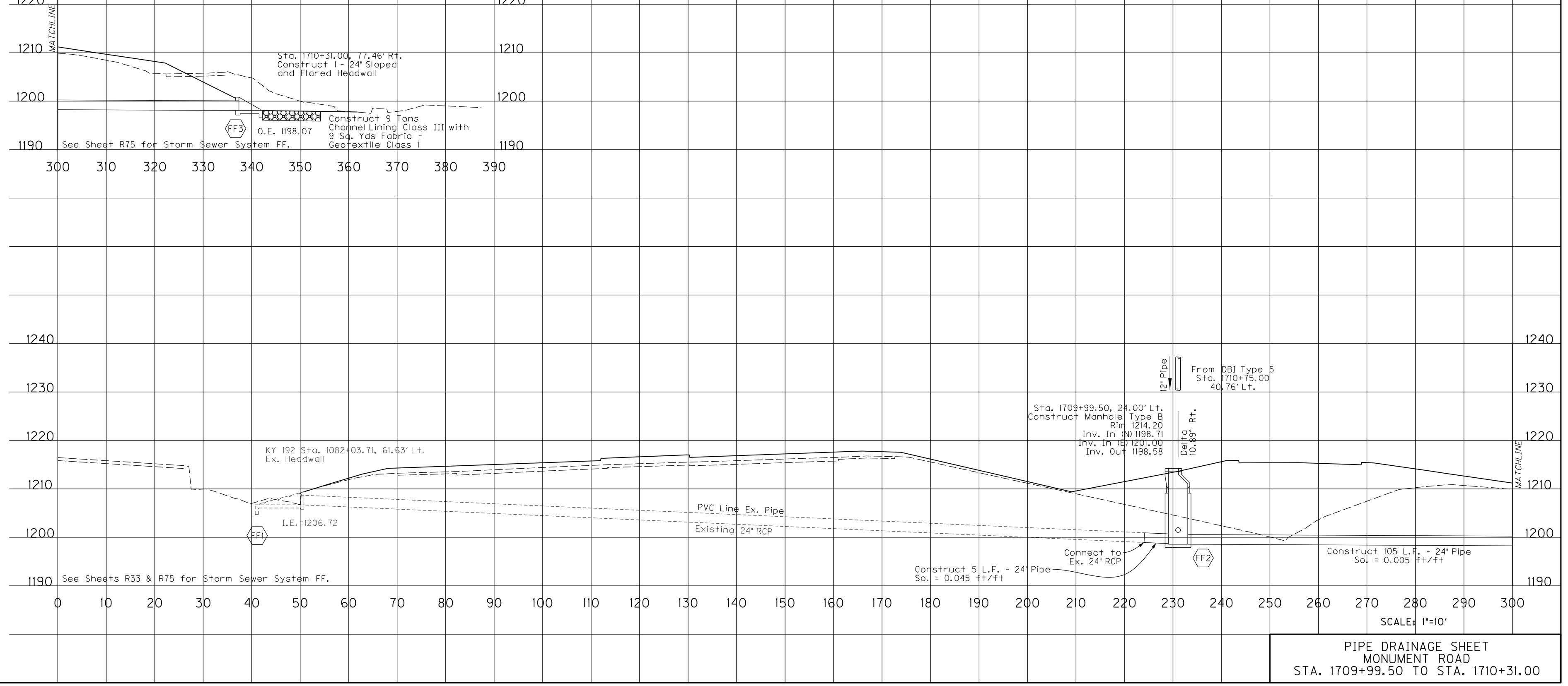
BURGESS & NIPLE

FILE NAME: P:\PR5323\CADD\ROADWAY PLANS\R3740PD_CC.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 82 of 87

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R375

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 11	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	REMOVE PIPE	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
L I N E A R F E E T										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LF	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	CU. YD	TON
							110													1			1.35	8	9	352	108	1		9



PIPE DRAINAGE SHEET
MONUMENT ROAD
STA. 1709+99.50 TO STA. 1710+31.00

BURGESS & NIPLE

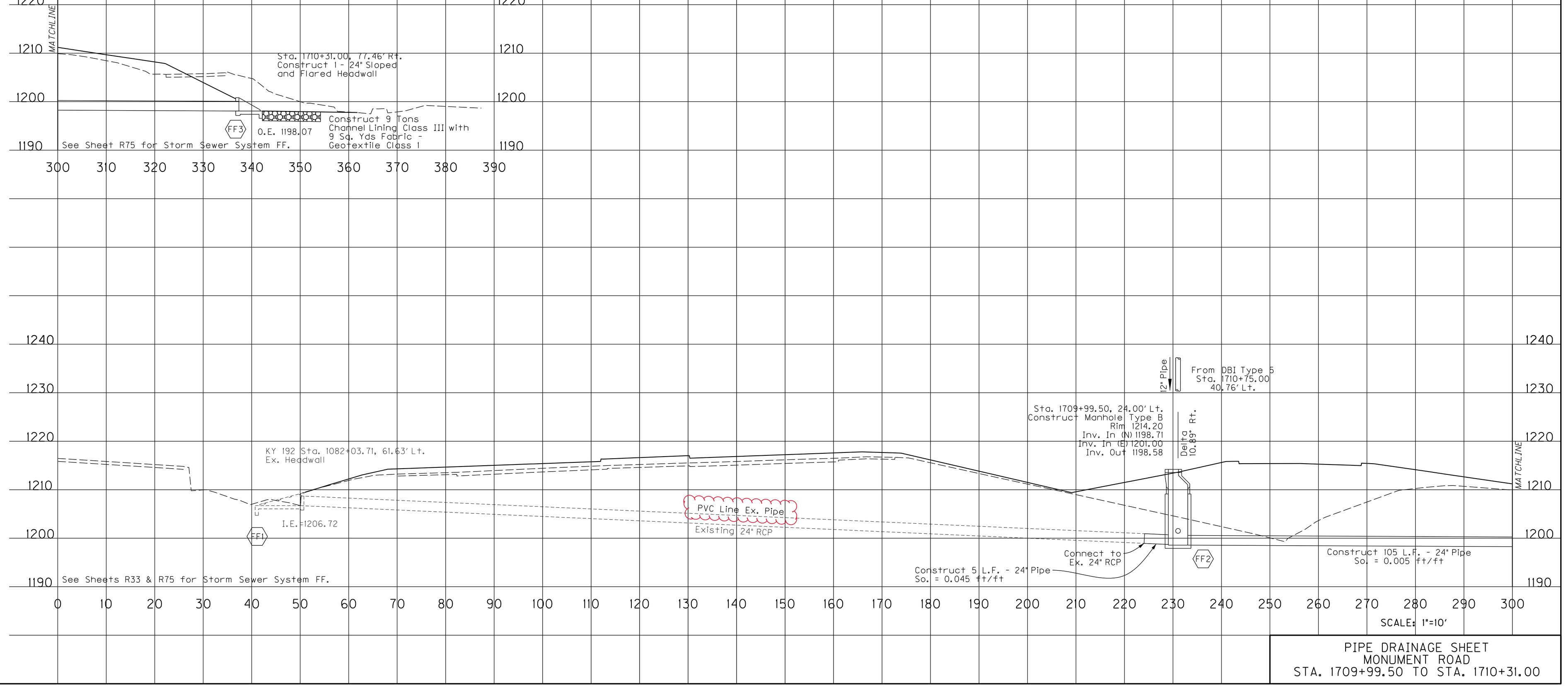
FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R31500PD_FF.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 82 of 87

REVISED 4/11/2023

COUNTY OF	ITEM NO.	SHEET NO.
LAUREL	11-0187.00	R375

CULVERT PIPE					STORM SEWER PIPE				DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	SLOPED BOX OUTLET TYPE 1 - 15"	SLOPED BOX OUTLET TYPE 1 - 18"	PIPE CULVERT HEADWALL - 30"	CURB BOX INLET TYPE A	CURB BOX INLET TYPE B	DROP BOX INLET TYPE 5D	DROP BOX INLET TYPE 11	DROP BOX INLET TYPE 13S	MANHOLE TYPE A	MANHOLE TYPE B	REMOVE PIPE	CLASS "A" CONCRETE	STEEL REINFORCEMENT	FABRIC GEOTEXTILE CLASS I (SLOPE PROTECTION)	FABRIC GEOTEXTILE CLASS 2 FOR PIPE	PIPELINE VIDEO INSPECTION	CONNECT TO EXISTING CULVERT	CONNECT TO STORM SEWER STRUCTURE	CHANNEL LINING CLASS III
15"	18"	24"	30"	84"	15"	18"	24"	30"																					
LINEAR FEET										FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LF	CU. YD	LBS.	SQ. YD	SQ. YD	LF	EACH	CU. YD	TON
							110													1		1.35	8	9	352	108	1		9



PIPE DRAINAGE SHEET
MONUMENT ROAD
STA. 1709+99.50 TO STA. 1710+31.00

BURGESS & NIPLE

FILE NAME: P:\PR53233\CADD\ROADWAY PLANS\R31500PD_FF.DGN
USER: messex
DATE PLOTTED: April 11, 2023
E-SHEET NAME:
Power InRoads v8.11.9.397