

Tristan Harris, Mayor
James Manspile, Vice Mayor
Marlon Rickman
James Eubank
Rose Jeter



Buchanan Town Council
Thursday, April 4, 2024
Work Session 7:00 p.m.
Council Chambers
19753 Main Street
Buchanan, VA 24066

Conference call-in option: 701-802-5423 Access Code:3474425

AGENDA

- A. ROLL CALL AND ESTABLISHMENT OF QUORUM**
- B. FACTORY FLATS**
- C. VDH LEAD SERVICE LINE INVENTORY GRANT**
- D. CHARITABLE GAMING REGISTRATION**

Factory Flats



Gateway to the Shenandoah Valley

Town of Buchanan
Post Office Box 205
Buchanan, Virginia 24066

September 5, 2023

Christopher Vail
Sycamore Development Company
1909 Salem Avenue SW
Roanoke, VA 24016

RE: Factory Flats Apartments and Brewery
Public Water and Sewer– Main Street, Buchanan, Virginia 24066, Parcel Number 65A-66

Dear Mr. Vail,

The proposed Factory Flats Development located on Main Street (Route 11, Lee Highway) shall be served by both public (Town of Buchanan) water and sewer. Water to the site is currently provided by a 6 inch water line and the Town has determined that the existing line is of sufficient pressure and capacity to serve a 22 apartment complex and proposed brewery. The sanitary sewer service to the site is carried by a 6 inch line. The Town of Buchanan's Engineer, CHA Engineering, has determined that the existing sewer line is limited to six development unit connections in order to remain compliant with Virginia Code. Town engineering analysis has determined that the increased sewer capacity/ demand from the Factory Flats Development of 22 development units would require an increase in sewer line size from current 6 inch to 8 inch minimum sewer line size.

The Factory Flats Development will be required to obtain water and sewer permits when the construction moves forward. The estimated cost of this sewer line size upgrade from 6 to 8 inch is projected at \$240,000. The need to upgrade the sewer line is directly necessitated by the Factory Flats Development and normally the developer is responsible for all costs of upgrades. However, the Town of Buchanan is willing to contribute to the costs of this sewer upgrade with an equal sharing of the expenses. The Town expects the developer to contribute 50% of the cost of the sewer line upgrade serving its development at Factory Flats. The payment of this amount will be due when the water and sewer permits are obtained and before the upgrade work will begin.

Respectfully,
George Hayfield
Town Manager

Buchanan Town Manager

From: Hudgins, Doug <DHudgins@chasolutions.com>
Sent: Monday, March 11, 2024 10:21 AM
To: square1inc@gmail.com
Cc: Buchanan Town Manager; Jamie Manspile
Subject: Factory Flats sanitary sewer drawings
Attachments: 2024-03-07 - Factory Flats Sewer.pdf

Chad,

It was good speaking with you this morning. I am providing the latest drawings. These drawings were re-submitted to VDOT on 3-7-2024 so it will likely be a few more weeks before these are approved. In the meantime to keep things moving, CHA is providing these preliminary drawings with the request for the GC to test pit and find the location of the existing 1" water line and existing sewer lateral at the west end of the project to confirm X,y,z coordinates of each so we can confirm the design. Also test pit the existing water line crossing at station 12+30 and 12+55 and provide depths so we can confirm that the sewer alignment will work in advance. If we have a conflict there then we would need to relocate the water under or over. Also Manhole SSMH-5 will need to shift based upon the up stream tie in location.

As far as pipe materials. All sanitary sewer shall be SDR-35 PVC except for the segment between SSMH-4 and 5, this needs to be either C900 PVC or ductile iron because we will likely be crossing the water lines with less than 18" of cover. The pipe segment there shall be air tested to 20 PSI with no leakage. The rest of the job can use standard air test for gravity sewer and vacuum test the manholes. The 1" water line shall be to the Town standards. I believe that will be 1" HDPE CTS but please confirm. They want the waterline in a 2" PVC sleeve where it crosses the proposed factory flats drive.

Please provide the test pit information noted above to us so we can confirm the vertical and horizontal alignment prior to ordering any materials. We can get this finalized while we wait on VDOT.

Thank you
Doug

Doug Hudgins, PE*
Project Team Leader
CHA
Office: (540) 268-3301
Mobile: (540) 557-7459
dhudgins@chasolutions.com
www.chasolutions.com
*VA, GA



Please note my email address has changed

Finding a better way.

TOWN OF BUCHANAN FACTORY FLATS SEWER EXTENSION

PREPARED FOR:
TOWN OF BUCHANAN
P.O. BOX 205
19753 MAIN ST
BUCHANAN, VIRGINIA 24066
(540) 254-1212



PREPARED BY:
CHA CONSULTING, INC
1341 RESEARCH CENTER DRIVE
SUITE 2100
BLACKSBURG, VIRGINIA 24060
(540) 552-5548



FACTORY FLATS
SEWER EXTENSION

No.	Revised	By	Date
1	001	REVISED	01/15/2011
2	002	REVISED	01/15/2011
3	003	REVISED	01/15/2011

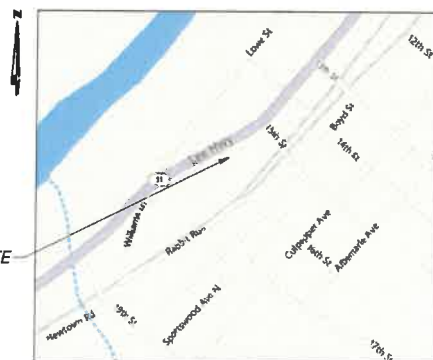
COVER SHEET

Designed By	Drawn By	Checked By
JTM	JTM	JTM
Scale	Project No.	Sheet
AS SHOWN	001-026	01 OF 02

G-001



LOCATION MAP
NOT TO SCALE



VDOT UTILITY INSTALLATION GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING BUT NOT LIMITED TO: OSHA, NESC, DOT, ETC. GENERAL NOTES APPLY TO ALL DRAWINGS.
2. ALL WORK IN PUBLIC ROADS SHALL BE PERFORMED IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) 2020 ROAD AND BRIDGE, STANDARD SPECIFICATIONS AND 2020 ROAD AND BRIDGE SPECIFICATIONS. ALL WORK IN PUBLIC ROADS AND RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, REVISION 2.1 (NOVEMBER, 2020).
3. A VDOT LAND USE PERMIT IS REQUIRED FOR WORK PERFORMED WITHIN STATE RIGHT-OF-WAY. ACTIVITIES PERFORMED WITHIN STATE RIGHT-OF-WAY SHALL BE LIMITED TO THOSE EXPRESSLY COVERED BY THE PERMIT WORK DESCRIPTION.
4. PERMISSIONS GRANTED BY VDOT LAND USE PERMIT APPLY ONLY TO WORK PERFORMED WITHIN STATE RIGHT-OF-WAY. SUCH DISTRICT GRANTS PERMISSION FOR WORK TO BE PERFORMED ON PRIVATELY OWNED PROPERTY. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE PERMISSION OF PRIVATE PROPERTY OWNERS WHEN PERFORMING WORK OUTSIDE OF STATE RIGHT-OF-WAY, INCLUDING ACTIVITIES PERFORMED WITHIN PRIVATELY OWNED AREAS.
5. CONTRACTOR SHALL MAINTAIN APPROVED COPIES OF ALL PROJECT RELATED VDOT PERMITS AND NOTICES APPROVED PLANS ON-SITE AT ALL TIMES.
6. VDOT LAND USE SECTION SHALL BE NOTIFIED 5 DAYS PRIOR TO INITIATING WORK WITHIN STATE RIGHT-OF-WAY. SUCH DISTRICT VDOT LAND USE SECTION POINTS OF CONTACT ARE LISTED BELOW BY COVERAGE AREA.
 - a. FLOYD, GILES, MONTGOMERY, AND PULASKI COUNTIES: DAVID CLARK, P.E. 540-261-7200
 - b. HENRY, CARROLL, AND PATRICK COUNTIES: LISA REIGES, P.E. 577-459-2541
 - c. GROOMING, GRAY, AND BOBOLINK COUNTY: BRIAN BUEHNS 540-387-5448
7. PRIOR TO INITIATING WORK WITHIN STATE RIGHT-OF-WAY, THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION CONFERENCE WITH OWNER, ENGINEER, LOCALITY, SUBCONTRACTORS, AND VDOT.
8. MAINTENANCE OF TRAFFIC (MOT) PLANS SHALL BE PROVIDED BY THE CONTRACTOR FOR VDOT REVIEW PRIOR TO THE ISSUANCE OF A LAND USE PERMIT BY VDOT.
9. CONTRACTOR SHALL RESTORE AND MAINTAIN TWO-WAY TRAFFIC ON US-11 WITHIN 30 MINUTES OF NOTIFICATION FROM VDOT IN THE EVENT OF AN INCIDENT ON INTERSTATE I-81. TWO-WAY TRAFFIC ON US-11 SHALL BE MAINTAINED UNTIL FURTHER NOTIFICATION FROM VDOT.
10. CONTRACTOR IS RESPONSIBLE FOR NOTICING VDOT TRAFFIC OPERATIONS CENTER (540-375-0710) UPON ENTERING AND EXITING THE ROADWAY.
11. CONTRACTOR SHALL PROVIDE ALL NECESSARY SIGNS, FLAG PERSONS AND OTHER DEVICES (LIGHTS, BARRICADES, ETC.) PROVIDED PROTECTION FOR WORKERS AND WORKERS IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION, REVISION 2.1 (NOVEMBER 2020), OR AS DIRECTED BY THE AREA LAND USE ENGINEER.
12. IMPLEMENTATION OF TEMPORARY LANE CLOSURES MUST BE ENTERED INTO THE VDOT LANE CLOSURE ADVISORY MANAGEMENT SYSTEM (LAMS) AND VDOT TRAFFIC ADVISORY MANAGEMENT SYSTEM (TAMS) AND VDOT TRAFFIC ADVISORY MANAGEMENT SYSTEM (TAMS) PRIOR TO THE PLANNED EXECUTION OF LANE CLOSURE ACTIVITIES ON STATE MAINTAINED HIGHWAYS ROUTE 11 AND ALL LIMITED ACCESS AS NOTED ON THE PLANS. THE PENALTIES ON THESE CONTRACTORS MAY ENTER 1487 REQUESTS DIRECTLY OR THROUGH WRITTEN EMAIL REQUESTS TO THE VDOT REGIONAL OPERATIONS CENTER AT: SALLAS@TRAFFICCENTER@VDOT.VIRGINIA.GOV
13. CONTRACTOR SHALL ENSURE THAT ALL SIGNS ARE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE VIRGINIA WORK AREA PROTECTION MANUAL.
14. 12M ALL ACTIVITIES PERFORMED WITHIN THE RIGHT-OF-WAY OF A LAND USE PERMIT INVOLVING THE INSTALLATION, MAINTENANCE, AND REMOVAL OF WORK ZONE TRAFFIC CONTROL DEVICES, ALL INDIVIDUALS MUST BE CERTIFIED BY VDOT'S BASIC WORK ZONE TRAFFIC CONTROL. AN INDIVIDUAL MEMBER BY VDOT IN INTERMEDIATE WORK ZONE TRAFFIC CONTROL SHALL BE ON-SITE TO PROVIDE SUPERVISION DURING WORK. ZONE ADDED MEMBERS ON CHANGING 12 MONTHS COURSE (S), 12 HOUR COURSE. INDIVIDUALS SHALL HAVE FURNISH VARIATION CARDS WITH THEM WHILE ON THE WORK SITE.
15. UNLESS OTHERWISE APPROVED IN WRITING BY THE VDOT AREA LAND USE ENGINEER, ALL WORK IN PUBLIC ROADS CLASSIFIED AS "INTERMEDIATE" OR "COLLECTOR" SHALL BE LIMITED TO THE HOURS OF 8:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY, IN THE LYNCHBURG DISTRICT. PUBLIC ROADS CLASSIFIED AS LOCAL ROADS SHALL HAVE UNRESTRICTED WORK HOURS AND DAYS.
16. PERMITTED NON-EMERGENCY WORK WILL NOT BE ALLOWED ON PUBLIC ROADS CLASSIFIED AS INTERMEDIATE OR COLLECTOR FROM MON ON THE FOLLOWING WEDNESDAY THROUGH THE FOLLOWING STATE DESIGNATED HOLIDAYS: NEW YEAR'S DAY, MONDAY DAY, INDEPENDENCE DAY, LABOR DAY, TRANSFORMING DAY, AND CHRISTMAS DAY.
17. WORK IN THE VICINITY OF SCHOOL ENTRANCES AND ON SCHOOL ROADS SHOULD BE AVOIDED DURING THE HOURS OF AMBITION AND DIBITION, SO AS NOT TO DISRUPT SCHOOL TRAFFIC.

18. NO EQUIPMENT OR MATERIALS SHALL BE STORED ON ROAD SURFACES OR ALLOWED TO OCCUPY THE CLEAR ZONE DURING PERIODS OF INACTIVITY. SEE THE VIRGINIA WORK AREA PROTECTION MANUAL 2011 EDITION, REVISION 2.1 (NOVEMBER 2020), (APPENDIX A, PAGE A-4) FOR CLEAR ZONE DEFINITIONS.
19. EXCAVATION MATERIALS SHALL BE STORED AWAY FROM PAVED ROADWAYS. ALL SPILLED MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE TRAVEL SURFACES AND SHOULDER.
20. MUNICIPAL ROAD SIGNS, DELINEATORS, GUARDRAILS, ETC. SHALL NOT BE REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM THE APPROVING AUTHORITY.
21. DURING CONSTRUCTION, ALL VDOT DRAINAGE STRUCTURES SHALL BE PROTECTED AGAINST DAMAGE BY SEGMENT TRAFFIC DEVICES. PROPERLY INSTALLED IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS AND MEETING REQUIREMENTS OF ENGINEERING, TESTED STANDARDS. SEGMENT TRAPPING DEVICES SHALL BE MAINTAINED UNTIL UPGRADE STABILIZATION HAS BEEN ADEQUATELY ACHIEVED.
22. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL CONFORM TO THE VDOT 2011 ROAD AND BRIDGE STANDARDS, ROAD AND BRIDGE SPECIFICATIONS, AND 2010 DCH VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK - THIRD EDITION.
23. CONTRACTOR IS RESPONSIBLE FOR CONTACTING LESS UTILITY (1-800-552-7001) TO IDENTIFY AND MARK THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES.
24. CONTRACTOR SHALL CONTACT VDOT TRAFFIC ENGINEERING SECTION (JAMES HOLE: 534-556-8155) A MINIMUM OF 7 DAYS PRIOR TO COMMENCEMENT OF INSTALLATION ACTIVITIES WITHIN 1,000 FEET OF SIGNALIZED INTERSECTIONS, FLASHING SIGNS OR OTHER ROOT ELECTRICAL FACILITIES. THIS INCLUDES EXCAVATION, REPAIRS, PLOWING, OR BURNING.
25. FOR AERIAL CROSSINGS, MINIMUM VERTICAL CLEARANCES OF 18 FEET (MIN-LIMITED ACCESS) AND 21 FEET (LIMITED ACCESS) SHALL BE MAINTAINED OVER ROADWAYS.
26. ALL BURIED UTILITIES WITHIN LIMITED ACCESS RIGHT-OF-WAY SHALL MAINTAIN A MINIMUM OF 30 INCHES OF COVER.
27. WITH THE EXCEPTION OF TELECOMMUNICATION AND CABLE TELEVISION, ALL BURIED UTILITIES WITHIN NON-LIMITED ACCESS RIGHT-OF-WAY SHALL MAINTAIN A MINIMUM OF 36 INCHES OF COVER. TELECOMMUNICATION AND CABLE TELEVISION FACILITIES BURIED WITHIN NON-LIMITED ACCESS RIGHT-OF-WAY SHALL MAINTAIN A MINIMUM OF 30 INCHES OF COVER.
28. UTILITY MARKERS SHALL BE LOCATED BEYOND THE AREAS OF NORMAL MAINTENANCE ACTIVITIES. THE PREFERRED PLACEMENT LOCATION IS AT THE STATE RIGHT-OF-WAY LINE. IF THIS IS NOT OBTAINABLE, OTHER PLACES MAY INCLUDE INSIDE SIGN POSTS LOCATED BEHIND THE DITCH LINE, IMMEDIATELY BEHIND THE BACK OF BARRICADES, OR BURIED TIGHTLY TOGETHER WITH EXISTING UTILITY MARKERS OF PEDESTALS.
29. JUNCTION BOXES SHALL MEET OR EXCEED VDOT STANDARDS JB-1 & JB-2 AND JB-3, 52. JUNCTION BOXES INSTALLED BETWEEN EDGE OF PAVEMENT AND DITCH LINE SHALL BE LOOSE BEARING IN NATURE AND HAVE CONCRETE COLLARS FOR VDOT STANDARDS.
30. NO EXCAVATION (OPEN DITCH, PITS, BORE PITS, PITS, PITS, COILERS, ETC.) WILL BE ALLOWED ON AREAS OF A 3:1 SLOPE OR GREATER WITHOUT PRIOR APPROVAL BY THE VDOT DISTRICT ENGINEER'S DESIGNEE.
31. CONTRACTOR SHALL MAINTAIN AND PROVIDE UPON COMPLETION OF WORK, A SET OF COMPLETE AS-BUILT PLANS TO VDOT.
32. ANY ERRORS, OMISSIONS, OR DISCREPANCIES FOUND ON THE APPROVED PLANS SHALL BE REPORTED TO THE UTILITY OWNER. VDOT SHALL BE NOTIFIED FOR PROTECTION BEFORE PROCEEDING FURTHER WITH THE WORK, IF THE STATE MAINTAINED RIGHT-OF-WAY IS AFFECTED.
33. THE COMMONWEALTH TRANSPORTATION BOARD, MEMBERS OF THE BOARD, THE COMMONWEALTH AND ALL COMMONWEALTH EMPLOYEES, AGENTS AND OFFICIALS, SHALL BE ABSOLVED FROM ALL RESPONSIBILITIES, DAMAGES AND LIABILITIES AS A RESULT OF WORK ARISING FROM THE EXERCISE OF THE PRIVILEGES GRANTED BY PLAN AND/OR PERMIT APPROVAL.
34. OPEN TRENCH EXCAVATION WITHIN 4 FEET OF THE PAVED ROADWAY SURFACE SHALL BE BACK FILLED WITH SELECT MATERIAL, TYPE 1 WITH MINIMUM CBR=20.
35. PAVEMENT RESTORATION - ALL OPEN CUTS SHALL BE TEMPORARILY PATCHED WITHIN 72 HOURS OF TRENCH OUT WITH OTHER 2 INCHES COLD MIX IN-LAY OF 2.5 INCHES OF IN-250A. FINAL PAVEMENT RESTORATION IS REQUIRED WITHIN 45 DAYS OF ORIGINAL PAVEMENT. REGIONAL LAY NO LATER THAN THE SECOND FRUIT IN NOVEMBER, WITH EXCEPTIONS AS MAY BE ALLOWED BY VDOT FOR GOOD CAUSE UPON APPROVAL OF WRITTEN APPLICATION BY THE CONTRACTOR.
36. THE CONTRACTOR SHALL UTILIZE MEASURES TO PROTECT PAVEMENT & CONCRETE IN AREAS WHERE RESTORATION WILL NOT TAKE PLACE. THE CONTRACTOR SHALL RESTORE ALL SURFACES TO THEIR ORIGINAL CONDITION.
37. CONTRACTOR SHALL TAKE SPECIAL CARE TO PREVENT DISBURSANCE OF PAVEMENT DRAINAGE SURFACE BY UTILIZING MATING OF ADEQUATE APPROPRIATE DEVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF RESTORING SURFACES TO ORIGINAL CONDITION.
38. ANY CHANGE TO THE VDOT ACCEPTED DESIGN PLANS, PROPOSED MATERIALS AND APPEARANCES DEPICTED IN THE PLANS AND/OR

ACCOMPANYING SPECS MUST BE APPROVED BY VDOT PRIOR TO PERMIT ISSUANCE.

39. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL AREAS WHICH ARE DISTURBED AS A RESULT OF CONSTRUCTION AND INSTALLATION OF ELEMENTS IN THIS CONTRACT TO THEIR ORIGINAL STATE WITHIN 15 DAYS OF COMPLETION OF WORK IN THAT AREA, OR AS DIRECTED BY VDOT. SEE DETAIL RESTORATION NOTES ON THIS SHEET.
40. THE USE OF STEEL PLATES TO PROVIDE A TEMPORARY RIDING SURFACE SHALL NOT BE ALLOWED BETWEEN NOV. 1 AND APRIL 1. USE OF STEEL PLATES SHALL BE IN ACCORDANCE WITH VDOT STANDARDS & SPEC. AND VA WORK AREA PROTECTION MANUAL.
41. CONTRACTOR SHALL ABANDON EXISTING SEWER AS SHOWN ON THE PLANS, PRIOR TO BE ABANDONED UNDER PAVEMENT SHALL BE FILLED WITH FLOWABLE FILL IN ACCORDANCE WITH VDOT SPECIFICATION 800/AL. LATEST REVISION, FOR A MINIMUM AND GREATER OTHER BARRIER.
42. COMPACTION OF ALL MATERIALS USED IN TRENCH BACKFILL WITHIN VDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT VDOT SPECIFICATION AND TESTED FOR DENSITY BY AN INDEPENDENT THIRD PARTY CERTIFIED COMMERCIAL LABORATORY APPROVED BY THE VDOT IN ACCORDANCE WITH VDOTS CURRENT ROAD & BRIDGE SPECIFICATIONS AND THE REQUIREMENTS OF THE APPROPRIATE VIRGINIA TEST METHODS. COPIES OF THE TEST REPORTS ARE TO BE MADE AVAILABLE WEEKLY TO THE DISTRICT SUPERVISOR'S DESIGNEE. ANY AREA REPRESENTED BY A FAILED TEST SHALL BE CORRECTED AND RETESTED UNTIL PASSING BEFORE SUBSEQUENT BACKFILL LAYERS ARE PLACED. PRIOR TO VDOTS ACCEPTANCE OF THE CONSTRUCTION AND THE CLOSE OUT OF THE LAND USE PERMIT, A SIGNED AND SEALED CERTIFICATION WILL BE REQUIRED BY A VIRGINIA LICENSED PROFESSIONAL ENGINEER ATTESTING TO ACCURACY DENSITY AND PERFORMING THE REQUIRED DENSITY TESTING IN ACCORDANCE WITH VDOTS CURRENT SPECIFICATIONS AND THE APPLICABLE VIRGINIA TEST METHODS.
43. CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING AND REINSTALLING ALL HIGHWAY SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED SANITARY SEWER LINE.
44. ALL AREAS EXCAVATED BELOW THE PAVEMENT SURFACE AND LOCATED WITHIN THE CLEAR ZONE AND NOT PROTECTED BY A POSITIVE BARRIER SHALL BE BACKFILLED AT THE COMPLETION OF EACH WORK DAY.
45. ANY EXPOSED END OF CONCRETE BARRIER WITHIN CLEAR ZONE SHALL BE PROTECTED BY VDOT APPROVED DEVICES, SUCH AS AN IMPACT ATTENUATOR.
46. ALL FLOODGATES SHALL BE CERTIFIED WITH CURRENT CARD. CONTRACTOR SHALL HAVE WORKERS TRAINED IN INTRODUCTORY AND BASIC WORK ZONE SAFETY PER THE VIRGINIA WORK AREA PROTECTION MANUAL (VWAPM) AND THE 2020 VDOTS ROAD AND BRIDGE SPECIFICATIONS.
47. THE CONTRACTOR SHALL NOT CONDUCT OPERATIONS WHEN THE WEATHER CHANGES UNFAVORABLE CONDITIONS FOR THE TRAVELING PUBLIC AS DETERMINED BY THE DISTRICT ADMINISTRATOR'S DESIGNEE.
48. THE DISTRICT ADMINISTRATOR'S DESIGNEE MUST PRE-APPROVE PERMANENT POTHOLES TO LOCATE EXISTING UNDERGROUND UTILITIES.
49. DESIGN CHANGES, SPECIFIED MATERIAL CHANGES, AND FOR FIELD CHANGES FROM THE APPROVED PLANS SHALL BE PRE-SUBMITTED TO VDOT FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH THE WORK.
50. VDOT AND COUNTY APPROVAL OF CONSTRUCTION PLANS DOES NOT PRECLUDE THE RIGHT TO CLOSE ADDITIONAL FACILITIES AS DEEMED NECESSARY FOR ACCEPTANCE BY VDOT.
51. ALL HAZARDOUS WITHIN THE VDOT ROW SHALL BE SET FLUSH WITH THE GROUND.

PUBLIC COMMUNICATIONS PLAN:

1. IF ANY MAJOR TRAFFIC CHANGES ARE TO TAKE PLACE (LANE CLOSURES, DETOURS, ETC.), THE CONTRACTOR SHALL INFORM THAT THE REGIONAL TRAFFIC OPERATIONS CENTER ARE ADVISED A MINIMUM OF 72 HOURS IN ADVANCE OF THE CHANGE.
 2. IN CASE OF AN EMERGENCY, CALL 911.
- THE FOLLOWING IS A LIST OF LOCAL NON-EMERGENCY NUMBERS:
- SALLAS TRAFFIC OPERATIONS CENTER (540) 375-0710
 - THE DCH SHOULD BE NOTIFIED OF PROPOSED LANE CLOSURES AT THE BEGINNING AND END OF EACH WORKDAY.
 - BOYD COUNTY POLICE (540) 473-8200
 - BOYD COUNTY FIRE & RESCUE (540) 528-2201
 - BOYD COUNTY SCHOOLS (540) 473-2553
 - BOYD COUNTY BOARD OF SUPERVISORS ADMINISTRATION OFFICE (540) 528-2006
 - VIRGINIA STATE POLICE (540) 375-1530



FACTORY FLATS SEWER EXTENSION

No.	Revised/Revised	By	Date
1	VDOT REVIEW 1		
2	VDOT REVIEW 2		
3	VDOT REVIEW 3		

VDOT GENERAL NOTES

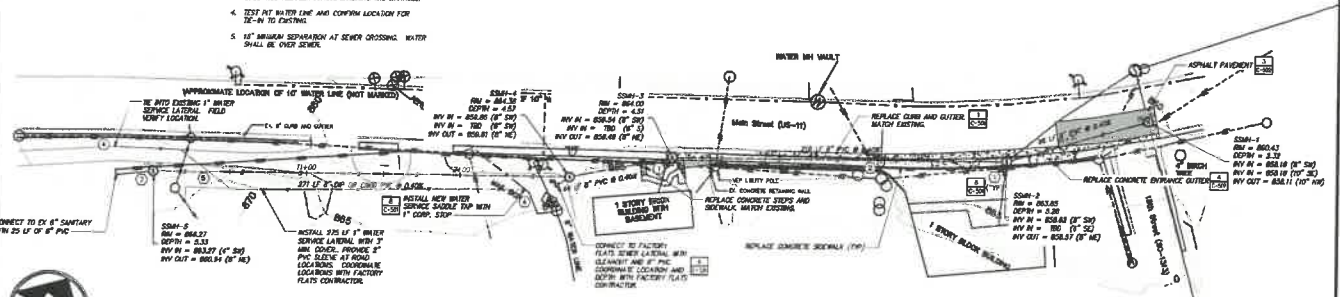
Drawn By:	Drawn By:	Checked By:
JTB	JTB	JTB
Issue Date:	Project No:	Scale:
2/2/2024	181-028	AS SHOWN

G-003

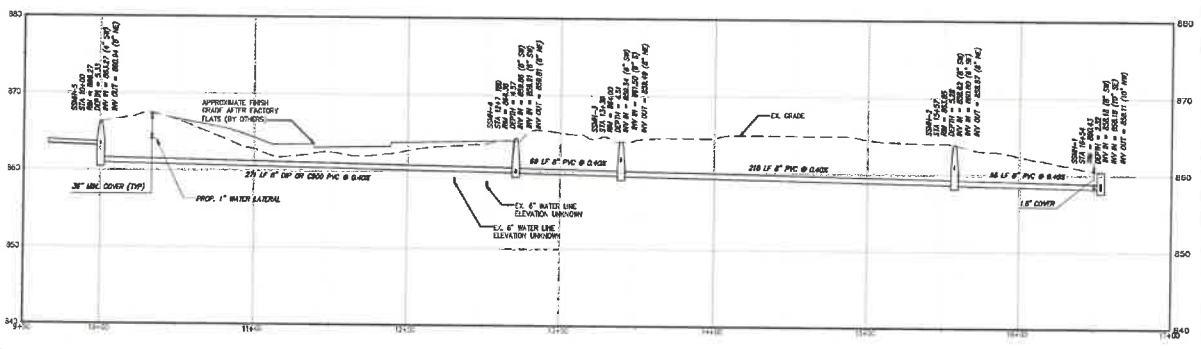
GENERAL NOTES:

1. TEST PIT ALL UTILITY CROSSINGS AS PART OF SHOP DRAWING PROCESS. PIPE SLOPES MAY BE ADJUSTED BASED ON TEST PIT RESULTS AT NO ADDITIONAL COST TO THE OWNER.
2. RECONNECT EXISTING SANITARY LATERAL WITH NEW CLEANOUT. THE ELEVATION OF PROPOSED HANDBLES SHALL BE FLUSH WITH SURFACE ELEVATION OF SIDEWALK.
3. REMOVE EXISTING WATER METER AND REPAIR AFTER CONSTRUCTION.
4. LOCATE MANHOLE AS NECESSARY TO CONNECT TO EXISTING 4" P.V.C. NEW PIPE SHALL HAVE SLOPE OF 0.01 INVERT TO P.V.C. SHALL HAVE A 4" x 8" EXISTING RECESSED FITTING SUBSIDING THE MANHOLE.
5. TEST PIT WATER LINE AND CONFIRM LOCATION FOR DE-IN TO EXISTING.
6. 10' MINIMUM SEPARATION AT SEWER CROSSING. WATER SHALL BE OVER SEWER.

SHEET REVISIONS:



Scale to Suit



Scale to Suit


GHA
 GEOTECHNICAL & HYDRAULIC ASSOCIATES, INC.
 10000 W. 10TH AVE., SUITE 100
 DENVER, CO 80231
 (303) 751-1000
 www.gha-inc.com


TOWN OF BUENA VISTA
 1900 N. 1ST AVE., SUITE 100
 DENVER, CO 80202
 (303) 733-1000
 www.buenvista.org

FACTORY FLATS SEWER EXTENSION

No.	Revised	By	Date
1			
2			
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SANITARY SEWER PLAN & PROFILE

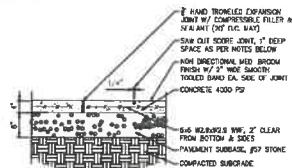
Designed By	Drawn By	Checked By
JTM	JTM	JTM
10/1/2014	10/1/2014	10/1/2014
10/1/2014	10/1/2014	10/1/2014

C-101

- NOTE:
1. CONTRACTOR TO MATCH EXISTING CURB AND GUTTER UNLESS OTHERWISE SPECIFIED BY OWNER.
2. WHEN ROADWAY DESIGN SPEED IS 40 MPH OR LESS IN RURAL AREAS AND 40 MPH OR LESS IN DEVELOPED URBAN & SUBURBAN AREAS, CONTRACTOR TO RETEENHANCE ROOT DOP-2 STANDARD 4" DRAIN BETA WHEN AN EXISTING GUTTER IS PRESENT OR ROOT DOP-4 WHEN EXISTING GUTTER IS PRESENT.

1 CURB AND GUTTER DETAILS

SCALE: NOT TO SCALE

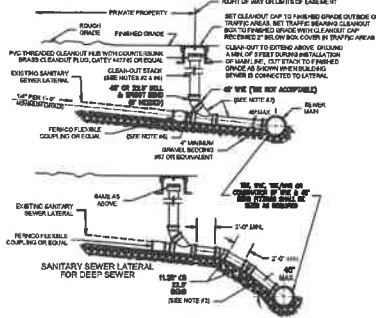


- NOTES:
1. CROWN JOINTS AT THE SAME INTERVAL AS WALKWAY WITH UNLESS OTHERWISE NOTED.
2. ALL JOINTS SHALL BE PERPENDICULAR WITH EDGES OF WALK, IF WALK IS CURVED.
3. JOINTS TO TAPER FROM THE RIGID POINT.
4. LOCATE EXPANSION JOINTS 20' O.C. MAX. AND AT WALKWAY JUNCTIONS WITH CURB WALLS, ETC.
5. WIDTH TO BE 5'-0" OR MATCH EXISTING.

5 CONCRETE SIDEWALK

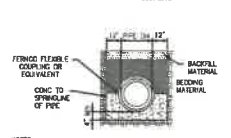
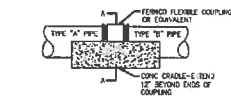
NOT TO SCALE

1. TRAFFIC BEARING BODY AND LOG REQUIRED IN TRAFFIC AREAS EXCEPT LOADING YARDS.
2. SIDEWALKS AND CLEARWALKS SHALL BE AS SHOWN ON P-100. SIDEWALKS SHALL BE 4' WIDE MINIMUM AND 4' HIGH MINIMUM.
3. ALL PAVEMENT SHALL BE 4" MINIMUM.
4. SIDEWALKS ARE ALLOWED IN THE CROWN FROM THE POINT TO THE CLEARWALK EXCEPT FOR DEEP RETAINERS OR BRIDGES.
5. ALL SIDEWALKS SHALL BE 4" MINIMUM.
6. SIDEWALKS SHALL BE 4" MINIMUM.
7. SIDEWALKS SHALL BE 4" MINIMUM.
8. SIDEWALKS SHALL BE 4" MINIMUM.
9. SIDEWALKS SHALL BE 4" MINIMUM.
10. SIDEWALKS SHALL BE 4" MINIMUM.



6 SANITARY SEWER LATERAL

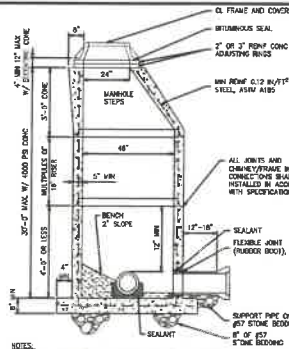
NOT TO SCALE



- NOTES:
1. FLEXIBLE COUPLINGS OR EQUIVALENT ARE NOT ALLOWED FOR CONNECTION OF PVC AND/OR HDPE PIPE.
2. FLEXIBLE COUPLINGS OR EQUIVALENT ARE ONLY ALLOWED WHEN CONNECTING EXIST' WOP OR CONCRETE PIPE TO NEW PVC OR HDPE CONCRETE CHOLE MUST BE USED.

2 CONNECTION OF DISSIMILAR PIPES

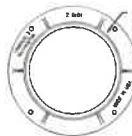
NOT TO SCALE



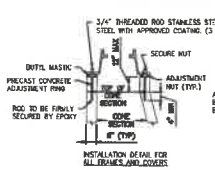
- NOTES:
1. ALL MANHOLE FRAMES AND COVERS SHALL BE EAST JORDAN RAIN HOOKS, INC. WATERPROOF MANHOLE FRAME MODEL 4000. WATERPROOF COVER MODEL 4000 OR APPROVED EQUAL. ALL COVERS AT OR BELOW THE 100-YEAR FLOOD ELEVATION SHALL BE BOLT-DOWN MANHOLE COVER MODEL 4000, 4000-1, OR APPROVED EQUAL.
2. THE FRAME AND COVER SHALL BE PROPERLY ANCHORED WITH THE FOOT OPENING OF THE MANHOLE STRUCTURE AND BUILT IN PLACE.
3. TOP INLET LINE SHALL NOT ENTER THROUGH ANY SECTION OF JOINT.
4. GROUT ANCHOR SPACE BETWEEN PIPE AND PRECAST MANHOLE ON THE INSIDE OF MANHOLE.
5. WHERE A 6\"/>

3 PRECAST CONCRETE MANHOLE

NOT TO SCALE

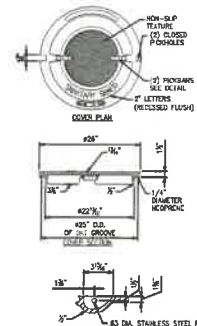


- NOTE:
1. APPROVED WATER SEALANT REQUIRED AT ALL JOINTS.
2. WATERPROOF MANHOLE COVER MODEL 4000 BY EAST JORDAN RAIN HOOKS, INC. OR EQUIVALENT.



7 WATERPROOF MANHOLE FRAME

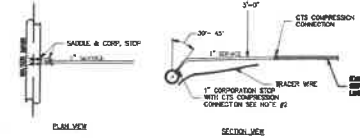
NOT TO SCALE



- NOTES:
1. WATERPROOF MANHOLE COVER MODEL 4000 BY EAST JORDAN RAIN HOOKS, INC. OR EQUIVALENT.
2. WATERPROOF MANHOLE COVER MODEL 4000 BY EAST JORDAN RAIN HOOKS, INC. OR EQUIVALENT.

4 STANDARD MANHOLE COVER

NOT TO SCALE



1. SADDLES MUST BE USED WITH ALL PLASTIC & DUCTILE IRON PIPE. SERVICE SADDLES SHALL BE USED IN ACCORDANCE WITH WATER DISTRIBUTION PIPING SPECIFICATION. SERVICE SADDLES FOR PLASTIC PIPE SHALL BE POWERFUL 4417, OR SADDLE 4418, 4419, OR 4420. FOR DUCTILE IRON PIPE USE THE ABOVE OR POWERFUL 4418, 4419, OR 4420. FOR 12\"/>

8 WATER MAIN SADDLE TAP AND CORP. STOP FOR 1\"/>

NOT TO SCALE

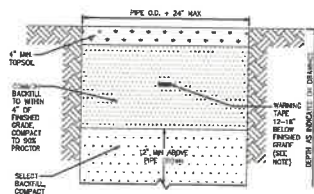
Engineering & Construction
CHA
CITY OF CHICAGO
DIVISION OF PUBLIC WORKS
STANDARD SPECIFICATIONS FOR CONSTRUCTION
C-501

FACTORY FLATS
SEWER EXTENSION

No.	Revised	Revised	Revised	Revised
1	10/1/10	10/1/10	10/1/10	10/1/10
2	10/1/10	10/1/10	10/1/10	10/1/10
3	10/1/10	10/1/10	10/1/10	10/1/10
4	10/1/10	10/1/10	10/1/10	10/1/10
5	10/1/10	10/1/10	10/1/10	10/1/10
6	10/1/10	10/1/10	10/1/10	10/1/10
7	10/1/10	10/1/10	10/1/10	10/1/10
8	10/1/10	10/1/10	10/1/10	10/1/10
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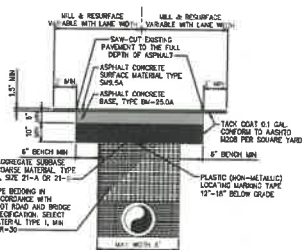
CIVIL DETAILS

Designed By: JPA
Drawn By: JPA
Checked By: JPA
Date: 10/1/10
Scale: 1/8\"/>



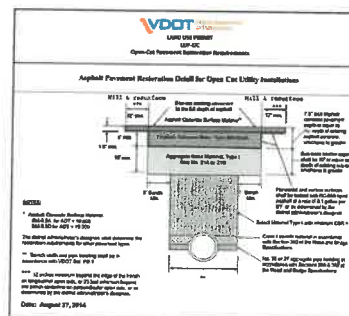
- NOTES:**
1. SELECT BACKFILL: EXCAVATED NATIVE SOIL, FREE OF ROCKS/STONES LARGER THAN 1" DIAMETER, ASPHALT, CONCRETE, DEBRIS, TRUNK/BRANCHES, WOOD OR ANY OTHER ORGANIC MATERIAL, LARGE CLOS.
 2. COMMON BACKFILL: EXCAVATED NATIVE SOIL, FREE OF ROCKS/STONES LARGER THAN 4" DIAMETER, ASPHALT, CONCRETE, ICE/PISTON, TRUNK/BRANCHES, WOOD OR ANY OTHER ORGANIC MATERIAL, LARGE CLOS.
 3. PLACE SHOVEL IN 6" SPITS MAX.
 4. "SPIT": EXCAVATED NATIVE TOPSOIL (6" MAX), PROPERLY STORED DURING TRENCH WORK, AUGMENTED AND PLACED AS INDICATED, OR OFF-SITE TOPSOIL, AUGMENTED AND PLACED AS INDICATED, NATIVE TOPSOIL, SUBSTITUTED BY THE OWNER AS AVAILABLE MAY BE USED AS COMMON BACKFILL, AS NOTED ABOVE.
 5. FOR NON-METALLIC PIPE, PROVIDE DETECTABLE WARNING TAPE FOR METALLIC PIPE, PROVIDE NON-DETECTABLE WARNING TAPE, PROVIDE WARNING TAPE LABELED "CAUTION BURIED WATER LINE BELOW" IS BLUE FOR WATER PIPES OR "CAUTION BURIED SEWER LINE BELOW" IS GREEN FOR SANITARY SEWER PIPES.

1 TYPICAL SEWER LINE TRENCH DETAIL FOR OUTSIDE OF TRAFFIC AREAS
NOT TO SCALE



- NOTES:**
1. TRENCH WIDTH AND PIPE BENDING SHALL BE IN ACCORDANCE WITH VDOT STD. PG-1.
 2. FOLLOW ALL REQUIREMENTS OF VDOT LANS USE, POND, OPEN CUT PAVEMENT RESTORATION REQUIREMENTS WHEN IN STATE MAINTAINED ROAD.
 3. SUB-BASE COURSE, DEPTH SHALL BE 10" OR EQUAL TO DEPTH OF EXISTING SUB-BASE, WHICHEVER IS GREATER.
 4. SURFACE MILLING AND PAVING SHALL BE PERPENDICULAR TO ROAD EVEN WHEN PIPE IS AT A VORTEX SLOPE.
 5. TOTAL ASPHALT CONCRETE INVENTENT DEPTH SHALL BE 7-1/2" OR EQUAL TO THE DEPTH OF EXISTING ASPHALT CONCRETE, WHICHEVER IS GREATER.

2 TYPICAL SEWER LINE TRENCH DETAIL FOR SEWER LINE UNDER PAVED ROAD
NOT TO SCALE



- NOTES:**
1. PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH VDOT STD. PG-1.
 2. FOLLOW ALL REQUIREMENTS OF VDOT LANS USE, POND, OPEN CUT PAVEMENT RESTORATION REQUIREMENTS WHEN IN STATE MAINTAINED ROAD.
 3. SUB-BASE COURSE, DEPTH SHALL BE 10" OR EQUAL TO DEPTH OF EXISTING SUB-BASE, WHICHEVER IS GREATER.
 4. SURFACE MILLING AND PAVING SHALL BE PERPENDICULAR TO ROAD EVEN WHEN PIPE IS AT A VORTEX SLOPE.
 5. TOTAL ASPHALT CONCRETE INVENTENT DEPTH SHALL BE 7-1/2" OR EQUAL TO THE DEPTH OF EXISTING ASPHALT CONCRETE, WHICHEVER IS GREATER.

3 ASPHALT PAVEMENT RESTORATION FOR OPEN CUT UTILITY INSTALLATION
NOT TO SCALE

- NOTE:**
1. CONTRACTOR TO REFERENCE DC-80 STANDARD ENTRANCE GUTTER DETAIL FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION 2018 ROAD AND BRIDGE STANDARDS.

4 CONCRETE ENTRANCE GUTTER DETAIL
NOT TO SCALE



FACTORY FLATS
SEWER EXTENSION

NO.	DATE	BY	CHKD.	APP.
1	08/11/2018	JTM	DBH	
2	08/11/2018	JTM	DBH	
3	08/11/2018	JTM	DBH	
4	08/11/2018	JTM	DBH	

CIVIL DETAILS

DESIGNED BY	CHECKED BY	DATE
JTM	DBH	08/11/2018
PROJECT NO.	DATE	BY
05-280-1	08/11/2018	JTM

Drawing No. **C-502**

Drawing Daylight 9/2003
CHA
 4101 Westchase Center Drive, Suite 1700
 Houston, TX 77056-2140
 832.961.2600 • www.chahouston.com



1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

FACTORY FLATS SEWER EXTENSION

FACTORY FLATS
SEWER EXTENSION

MOOT REVIEW 3	APR 20/21
MOOT REVIEW	APR 20/21
TRADING COURSE	

TRAFFIC CONTROL DETAILS

JTM	ARS	QSH
Rev'd (Date)	Project No.	Sheet
3/5/2024	061100	1 of 2

Drawing Title:

C-503

G-503

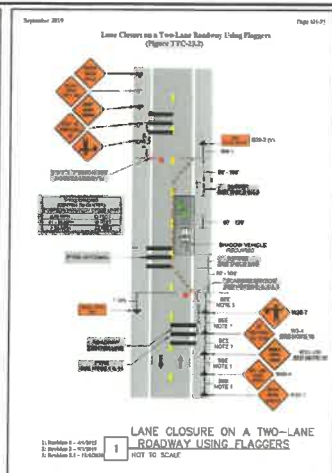
Page 48-54
September 2017

Typical Traffic Control Lane Closure on a Two-Lane Roadway Using Flaggers (Figure TTC-323)

NOTES

1. Sign spacing distance should be 150' SFR where the posted speed limit is 45 mph or less, and 200' SFR where the posted speed limit is greater than 45 mph.
2. Cues should be provided to the rear of the work zone to heavy vehicles possible right of way in advance of the flagger station and upstream, based on the posted speed limit and at least equal to or greater than the values in Table 48-1.2. Countermeasures should be in place at least 1/2 mile from the flagger station and at least 1/2 mile from the work zone.
3. Minimum sight distance for flaggers should be 1/2 mile from the work zone. The minimum sight distance for flaggers should be 1/2 mile from the work zone. The minimum sight distance for flaggers should be 1/2 mile from the work zone.
4. Portable Temporary Roadway Flaggers (PTRF) shall be used as noted in Section 48-56.
5. Flagging stations shall be located at the rear of the work zone to provide advance warning to heavy vehicles and allow sufficient distance for clearing traffic in the left lane to permit the right lane traffic to merge into the right lane.
6. All flaggers shall be state certified and have their certification card in their possession when performing flagging duties (see Section 48-56). Qualifications for Flaggers.
7. Cues should be provided to the rear of the work zone and at the rear of the work zone. A shadow vehicle with at least one high intensity amber flashing light, or flashing light shall be provided 1/2 mile in advance of the first work zone.
8. A shadow vehicle with at least one high intensity amber flashing light, or flashing light shall be provided 1/2 mile in advance of the first work zone.
9. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
10. When a high-intensity flashing light is used as a cue, the light should be used as a cue.
11. At night, flaggers shall be illuminated, except in emergency two Section 48-56.
12. Lane shall be closed when a vehicle is stopped or when the lead vehicle is 20 feet in front.
13. The first emergency response shall be provided to the work zone. The first emergency response shall be provided to the work zone.
14. When used, three portable temporary roadway flaggers (PTRF) shall be located across the center of the lane adjacent to the work zone. The PTRF shall be used as a cue.

1. Section 1 - 48-56
2. Section 2 - 48-56
3. Section 3 - 48-56



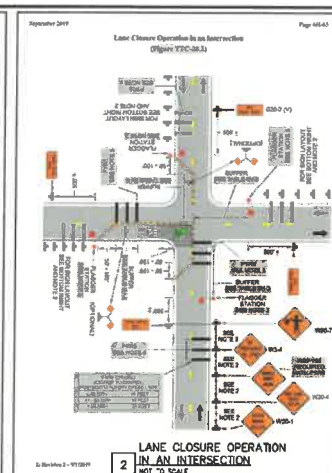
Page 48-54
September 2017

Typical Traffic Control Lane Closure Operation in an Intersection (Figure TTC-324)

NOTES

1. The control of traffic through the intersection in order of preference should be as follows:
 - a. On the basis of the right-of-way.
 - b. On the basis of the right-of-way.
 - c. On the basis of the right-of-way.
2. Sign spacing distance should be 150' SFR where the posted speed limit is 45 mph or less, and 200' SFR where the posted speed limit is greater than 45 mph.
3. The minimum sight distance for flaggers should be 1/2 mile from the work zone. The minimum sight distance for flaggers should be 1/2 mile from the work zone.
4. Countermeasures should be provided to the rear of the work zone.
5. PTRF shall be used as noted in Section 48-56.
6. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
7. When a high-intensity flashing light is used as a cue, the light should be used as a cue.
8. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
9. When used, three portable temporary roadway flaggers (PTRF) shall be located across the center of the lane adjacent to the work zone. The PTRF shall be used as a cue.

1. Section 1 - 48-56
2. Section 2 - 48-56
3. Section 3 - 48-56



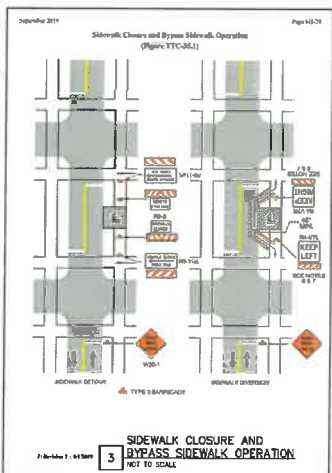
Page 48-53
September 2017

Typical Traffic Control Sidewalk Closure and Bypass Sidewalk Operation (Figure TTC-325)

NOTES

1. When a sidewalk is closed, a temporary barrier should be used to provide a temporary barrier to the sidewalk. The barrier should be used to provide a temporary barrier to the sidewalk.
2. When a sidewalk is closed, a temporary barrier should be used to provide a temporary barrier to the sidewalk. The barrier should be used to provide a temporary barrier to the sidewalk.
3. When a sidewalk is closed, a temporary barrier should be used to provide a temporary barrier to the sidewalk. The barrier should be used to provide a temporary barrier to the sidewalk.
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1. Section 1 - 48-56
2. Section 2 - 48-56
3. Section 3 - 48-56



Page 48-54
September 2017

Typical Traffic Control Lane Closure Operation in an Intersection (Figure TTC-324)

NOTES

1. The control of traffic through the intersection in order of preference should be as follows:
 - a. On the basis of the right-of-way.
 - b. On the basis of the right-of-way.
 - c. On the basis of the right-of-way.
2. Sign spacing distance should be 150' SFR where the posted speed limit is 45 mph or less, and 200' SFR where the posted speed limit is greater than 45 mph.
3. The minimum sight distance for flaggers should be 1/2 mile from the work zone. The minimum sight distance for flaggers should be 1/2 mile from the work zone.
4. Countermeasures should be provided to the rear of the work zone.
5. PTRF shall be used as noted in Section 48-56.
6. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
7. When a high-intensity flashing light is used as a cue, the light should be used as a cue.
8. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
9. When used, three portable temporary roadway flaggers (PTRF) shall be located across the center of the lane adjacent to the work zone. The PTRF shall be used as a cue.

1. Section 1 - 48-56
2. Section 2 - 48-56
3. Section 3 - 48-56



Page 48-54
September 2017

Typical Traffic Control Lane Closure Operation in an Intersection (Figure TTC-324)

NOTES

1. The control of traffic through the intersection in order of preference should be as follows:
 - a. On the basis of the right-of-way.
 - b. On the basis of the right-of-way.
 - c. On the basis of the right-of-way.
2. Sign spacing distance should be 150' SFR where the posted speed limit is 45 mph or less, and 200' SFR where the posted speed limit is greater than 45 mph.
3. The minimum sight distance for flaggers should be 1/2 mile from the work zone. The minimum sight distance for flaggers should be 1/2 mile from the work zone.
4. Countermeasures should be provided to the rear of the work zone.
5. PTRF shall be used as noted in Section 48-56.
6. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
7. When a high-intensity flashing light is used as a cue, the light should be used as a cue.
8. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
9. When used, three portable temporary roadway flaggers (PTRF) shall be located across the center of the lane adjacent to the work zone. The PTRF shall be used as a cue.

1. Section 1 - 48-56
2. Section 2 - 48-56
3. Section 3 - 48-56

Page 48-54
September 2017

Typical Traffic Control Lane Closure Operation in an Intersection (Figure TTC-324)

NOTES

1. The control of traffic through the intersection in order of preference should be as follows:
 - a. On the basis of the right-of-way.
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 - c. On the basis of the right-of-way.
2. Sign spacing distance should be 150' SFR where the posted speed limit is 45 mph or less, and 200' SFR where the posted speed limit is greater than 45 mph.
3. The minimum sight distance for flaggers should be 1/2 mile from the work zone. The minimum sight distance for flaggers should be 1/2 mile from the work zone.
4. Countermeasures should be provided to the rear of the work zone.
5. PTRF shall be used as noted in Section 48-56.
6. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
7. When a high-intensity flashing light is used as a cue, the light should be used as a cue.
8. If the posted speed limit is 45 mph or less, the PTRF shall be used as noted in Section 48-56.
9. When used, three portable temporary roadway flaggers (PTRF) shall be located across the center of the lane adjacent to the work zone. The PTRF shall be used as a cue.

1. Section 1 - 48-56
2. Section 2 - 48-56
3. Section 3 - 48-56

VDH Lead Service Line Inventory Grant



COMMONWEALTH of VIRGINIA

Department of Health
P O BOX 2448
RICHMOND, VA 23218

Karen Shelton, MD
Acting State Health Commissioner

TTY 7-1-1 OR
1-800-828-1120

December 7, 2023

Subject: Botetourt County
Water - Town of Buchanan
LSL Inventory
BIL-45L-22

Sent via Electronic Mail

Mr. George Hayfield
Town of Buchanan
19753 Main Street
Buchanan, Virginia 24066

Re: FY 2022 Bipartisan Infrastructure Law (BIL)
BIL Award

Dear Mr. Hayfield:

The Virginia Department of Health has received your letter email dated October 10, 2023, accepting our funding offer and conditions as identified in our September 13, 2023, initial offer letter. Your project is being included in this year's draft intended funding list. **The total BIL funding package for your project is \$250,000. The funding package consists of \$250,000 as principal forgiveness.**

The VDH Division of Financial & Construction Assistance Programs (FCAP) administers BIL funds. You must successfully complete or satisfy all our requirements and conditions (including those identified in the initial offer letter) before VDH will authorize finalization of the principal forgiveness agreement. In accordance with the Drinking Water State Revolving Fund Program Design Manual, VDH reserves the right to by-pass any project that has not executed the assistance agreements/ initiated construction within 12 months of the original award date.

VDH also requires regular updates on the commitments you have made in response to our initial offer including any adjustments of user rates.

Any increase or decrease in BIL funding assistance necessary for the project must be requested in writing. VDH is committing these funds and assistance to help you finalize the project. I encourage you to proceed in earnest by completing any requirements necessary for the administrative loan closing.

Your priority contact for this project is Anthony Hess, VDH-FCAP Project Manager. The FCAP Project Manager will act as "gatekeeper" and is to receive all project information and requests from you. He may be contacted directly at 540-463-0419 or at anthony.hess@vdh.virginia.gov. Please include your project name and project number on all correspondence.

Your coordinator for other types of VDH assistance related to building technical, managerial, and financial capacity for your waterworks and for training opportunities is Denise Houchins, VDH-ODW Sustainability Coordinator, who may be contacted directly at 804-297-5131 or at denise.houchins@vdh.virginia.gov.

On behalf of VDH and ODW, I congratulate you and look forward to a successful project.

Sincerely,

DocuSigned by:

Kelly Ward

8C1C79E9EDA547F...

Kelly Ward, Director

Financial & Construction Assistance Programs

Ec: Steve Kvech, P.E., Deputy Field Director, Lexington Field Office
Keith Kornegay, P.E., FCAP Project Team Leader
Anthony Hess, FCAP Project Manager
Denise Houchins, ODW Sustainability Coordinator
Joe Bergeron, VRA, Director of Financial Services and Investments
FCAP Project File @ Richmond Central Office

Charitable Gaming Registration



VIRGINIA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
OFFICE OF CHARITABLE AND REGULATORY PROGRAMS

P.O. Box 526, Richmond, VA 23218
(804) 786-1343, Option 2
www.vdacs.virginia.gov

CHARITABLE GAMING REGISTRATION APPLICATION

General Instructions

- A. Use this application when registering to conduct a charitable gaming activity, other than a raffle, as authorized by § 18.2-340.16 et seq. of the Code of Virginia. In using this application, a registered activity cannot exceed \$40,000 in gross receipts and it cannot exceed a total of seven days per calendar year. If the organization anticipates it will exceed the gross receipts limitation or the number of days limitation, then it must complete a permit application instead in lieu of this form.
- B. In accordance with § 18.2-340.33 (14) of the Code of Virginia, the organization must purchase any charitable gaming supplies from a licensed charitable gaming supplier. A list of licensed charitable gaming suppliers may be found at the following website: www.vdacs.virginia.gov/charitable-gaming-registered-suppliers.shtml
- C. In accordance with § 18.2-340.33 (12) of the Code of Virginia, no person shall participate in the management or operation of any charitable gaming activity ever been (i) convicted of a felony, (ii) convicted of any misdemeanor involving fraud, theft or financial crimes within the preceding five years, or (iii) participated in the management, operation or conduct of any charitable game which was found by the Department or a court of competent jurisdiction to have been operated in violation of state law, local ordinance, or the Charitable Gaming Regulations within the preceding five years. Furthermore, no person shall participate in the conduct of any charitable gaming activity ever been (i) convicted of a felony within the preceding ten years, (ii) convicted of any misdemeanor involving fraud, theft or financial crimes within the preceding five years, or (iii) participated in the management, operation or conduct of any charitable game which was found by the Department or a court of competent jurisdiction to have been operated in violation of state law, local ordinance, or the Charitable Gaming Regulations within the preceding five years.
- D. Place "N/A" if item is not applicable. Please type or print all answers. Do not use pencil.
- E. Ensure this application includes the area code in each instance where a telephone number is requested and it is signed/dated by the appropriate individual(s).
- F. Mail the completed registration application to the following address: VDACS, Office of Charitable and Regulatory Programs, P.O. Box 526, Richmond, Virginia 23218.

ORGANIZATION INFORMATION

1. Organization's Federal Tax Payer Identification Number: _____	OCRP# (Office Use Only) _____
2. Organization's Name: _____	
Mailing Address: _____	
City: _____	State: _____ Zip Code: _____ Telephone: _____
Email Address: _____	
3. Contact Person's Name: _____	Office/ Position Title: _____
First Name Middle Name Last Name	
Contact Person's Telephone: _____	Fax Number: _____
Email Address: _____	
4. Type of Tax Exempt Status Currently with the IRS: (Mark an "X" by the appropriate box)	
<input checked="" type="checkbox"/> 501 (c) TYPE	<input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 8
<input type="checkbox"/> 10 <input type="checkbox"/> 19	<input type="checkbox"/> Another 501(c) status -- please identify

CHARITABLE GAMING ACTIVITIES

5. List the location(s), day(s), date(s) and time(s) the charitable gaming activity(s) will be held:

Building Name (If applicable): _____

Physical Address: _____

City: _____ State: _____ Zip Code: _____

Type of Charitable Gaming Activity: _____

Day(s) of the Week and/or Frequency of Gaming Activities: _____

Doors Open: _____ am/pm Doors Close: _____ am/pm

("Doors open" cannot be more than two hours before "begin game time."
This requirement only applies to bingo) ("Doors close" cannot be more than two hours after "end game time."
This requirement only applies to bingo)

Begin Game Time: _____ am/pm End Game Time: _____ am/pm

Carnival Revenue 2023

Stand / Game	Advance	Thursday 6/29/2023	Friday 6/30/2023	Saturday 7/1/2023	Monday 7/3/2023	Tuesday 7/4/2023	Wednesday 7/5/2023	Thursday 7/6/2023	Friday 7/7/2023	Saturday 7/8/2023	Grand Totals
Food Stand		\$6,581.00	\$7,387.10	\$7,599.90	\$8,399.00	\$11,835.00	\$6,726.00	\$7,938.25	\$6,981.00	\$7,552.25	\$70,999.50
French Fry Stand		\$3,483.00	\$3,211.75	\$3,937.00	\$3,448.00	\$5,907.00	\$3,187.00	\$3,703.00	\$3,225.00	\$3,533.00	\$33,634.75
Big Ticket Raffle Tickets	\$4,661.00	\$1,442.00	\$517.00	\$458.00	\$250.00	\$693.00	\$155.00	\$149.00	\$122.00	\$491.00	\$8,938.00
Ice Cream		\$1,673.00	\$1,986.00	\$2,554.00	\$2,203.00	\$3,402.75	\$2,130.05	\$2,413.00	\$1,883.50	\$2,246.00	\$20,491.30
Bingo		\$222.00	\$247.60	\$382.70	\$341.70	\$546.75	\$363.80	\$374.90	\$392.05	\$419.75	\$3,291.25
Zoo Dip		\$430.00	\$606.00	\$656.00	\$597.00	\$1,036.00	\$423.00	\$278.00	\$249.00	\$257.00	\$4,532.00
Gate Prizes		\$106.00	\$138.00	\$181.00	\$140.00	\$167.00	\$152.00	\$147.00	\$230.00	\$278.00	\$1,539.00
Knife Toss Game											
Crazy Ball 50 / 50						\$57.00	\$106.50	\$122.75	\$103.60	\$126.05	\$515.90
Kettle Corn											
Chicken BBQ											
T-Shirts/Hats											
Pepsi Refund											
US Foods Refund											
Leftover Food and Charcoal sales											
Daily Totals	\$4,661.00	\$13,937.00	\$14,093.45	\$15,768.60	\$15,378.70	\$23,644.50	\$13,243.35	\$15,125.90	\$13,186.15	\$14,903.05	\$143,941.70
Cole Rides Totals	\$3,796.25	\$2,815.62	\$4,365.62	\$5,684.37	\$5,450.93	\$9,863.43	\$5,195.62	\$5,343.43	\$4,489.68	\$5,009.11	\$52,014.06

Total: \$195,955.76

Notes:

\$1 or 12 for \$10

.25 or .5 cents

8 or 10? for \$1

10 tickets for \$1

Carnival Revenue 2022

Stand / Game	Advance	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Grand Totals
		6/30/2022	7/01/2022	7/2/2022	7/4/2022	7/5/2022	7/6/2022	7/7/2022	7/8/2022	7/9/2022	
Food Stand		\$6,753.00	\$7,401.00	\$7,837.00	\$12,776.00	\$3,830.00	\$5,364.00	\$6,484.00	\$4,818.00	\$3,144.51	\$58,407.51
French Fry Stand		\$3,498.00	\$3,788.00	\$3,933.40	\$6,554.75	\$2,286.75	\$2,813.00	\$3,961.75	\$2,842.00	\$1,909.25	\$31,586.90
Big Ticket Raffle Tickets	\$4,073.00	\$919.00	\$524.00	\$702.00	\$473.00	\$162.00	\$130.00	\$230.00	\$169.00	\$247.00	\$7,629.00
Ice Cream		\$1,606.00	\$1,827.00	\$2,102.00	\$2,556.00	\$1,339.00	\$1,118.00	\$2,184.00	\$1,193.00	\$906.00	\$14,831.00
Bingo		\$248.25	\$269.19	\$397.95	\$474.70	\$259.25	\$216.00	\$360.80	\$220.55	\$149.55	\$2,596.24
Zoo Dip		\$525.00	\$663.00	\$775.00	\$1,037.00	\$487.00	\$121.00	\$592.00	\$260.00	\$444.25	\$4,904.25
Gate Prizes		\$143.00	\$165.00	\$171.00	\$105.00	\$123.00	\$34.00	\$199.00	\$164.00	\$234.00	\$1,338.00
Knife Toss Game								\$399.00			\$399.00
Crazy Ball		\$85.25	\$84.75	\$118.00	\$186.75	\$93.25	\$35.00	\$117.50	\$68.50	\$107.00	\$896.00
50 / 50											\$0.00
Kettle Corn											\$500.00
Chicken BBQ											\$0.00
T-Shirts/Hats											\$0.00
Pepsi Refund											\$0.00
US Foods Refund											\$0.00
Leftover Food and Charcoal sales											\$217.49
Daily Totals		\$13,777.50	\$14,721.94	#####	\$24,163.20	\$8,580.25	\$9,831.00	\$14,528.05	\$9,735.05	\$7,141.56	\$123,305.39
Cole Rides Totals	\$4,010.29	\$2,110.88	\$4,358.58	\$3,744.33	\$8,535.15	\$2,578.55	\$1,664.33	\$2,361.13	\$1,985.75	\$866.45	\$32,215.44

Carinval Revenue 2021

Stand / Game	Advance	Thursday 7/1/2021	Friday 7/2/2021	Saturday 7/3/2021	Monday 7/5/2021	Tuesday 7/6/2021	Wednesda y 7/7/2021	Thursday 7/8/2021	Friday 7/9/2021	Saturday 7/10/2021	Post / Resell	Grand Totals
Food Stand		\$3,604.00	\$8,790.00	\$14,784.00	\$9,118.00	\$6,810.00	\$4,983.00	\$3,607.00	\$7,552.50	\$5,872.00		\$65,120.50
French Fry Stand		\$2,088.00	\$5,496.15	\$8,533.00	\$5,107.00	\$3,512.00	\$2,770.00	\$2,186.00	\$4,338.25	\$3,574.00		\$37,604.40
Big Ticket Raffle Tickets	\$6,936.00	\$1,291.00	\$1,163.00	\$1,089.00	\$568.00	\$235.00	\$457.00	\$228.00	\$455.00	\$722.00		\$13,144.00
Ice Cream		\$587.90	\$1,481.50	\$3,167.00	\$2,078.00	\$1,938.25	\$1,229.00	\$932.00	\$1,885.00	\$1,354.00		\$14,652.65
Bingo		\$224.50	\$541.60	\$840.54	\$697.69	\$549.61	\$479.40	\$192.50	\$455.65	\$484.65		\$4,466.14
Zoo Dip		\$369.00	\$735.00	\$991.00	\$637.00	\$409.00	\$324.00	\$170.00	\$460.00	\$454.00		\$4,549.00
Gate Prizes		\$84.00	\$123.00	\$155.00	\$208.00	\$168.00	\$82.00	\$197.00	\$255.00	\$360.00		\$1,632.00
Knife Toss Game			\$905.00	\$441.75								\$1,346.75
Crazy Ball			\$87.75	\$290.80	\$168.25	\$84.00	\$102.00	\$63.05	\$87.90			\$883.75
50 / 50												\$0.00
Kettle Corn												\$0.00
Chicken BBQ				\$4,972.00							\$700.00	\$700.00
T-Shirts/Hats												\$4,972.00
Pepsi Refund												\$0.00
US Foods												\$0.00
Refund												\$0.00
Leftover Food and Charcoal sales											\$995.40	\$995.40
Daily Totals		\$8,248.40	\$19,323.00	\$35,264.09	\$18,581.94	\$13,705.86	\$10,426.40	\$7,575.55	\$15,489.30	\$12,820.65	\$1,695.40	\$150,066.59
Cole Rides Totals		\$3,888.75	\$25,218.75	\$50,808.76	\$28,040.00	\$15,833.75	\$15,255.00	\$10,005.00	\$10,005.00	\$23,335.00		\$182,390.01



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ABOUT VDACS

ANIMALS

CONSERVATION & ENVIRONMENTAL

EDUCATION

FOOD, FOOD SAFETY & CONSUMER PROTECTION

Charitable Gaming

Charitable Solicitation

Credit Services Businesses

Dairy & Foods

Extended Service Contract Providers

Food Safety for Consumers

Home Service Contracts

Health Clubs

Membership Campgrounds

Pesticide Information

ORGANIZATION LICENSING & REGISTRATION

In accordance with the Code of Virginia, any organization wishing to conduct bingo or other charitable gaming activities; or anticipating gross receipts of \$40,000 or more from its raffle activities within any 12 month period, must file a Charitable Gaming Permit Application and submit a \$200 nonrefundable application fee and if applicable, an additional \$200 for any social organization seeking authorization to operate and conduct electronic pull-tab/electronic gaming payable to the Treasurer of Virginia, prior to commencing any charitable gaming activities. Volunteer Fire Departments and Rescue Squads who have been recognized by their locality in accordance with § 15.2-955 of the Code of Virginia; or an organization anticipating gross receipts less than \$40,000 from bingo activities are exempt from the application fee. Furthermore, any organization wishing to conduct bingo or other charitable gaming activities, except a raffle and it is not anticipating gross receipt of \$40,000 or more from total of no more than seven days per calendar year, must file a Charitable Gaming Registration Application.

Applications will be processed in the order in which they are received. The Office of Charitable and Regulatory Programs (OCRCP) has 45 days to process completed applications. Incomplete applications will delay issuance of the charitable gaming permit.

To amend a current charitable gaming permit, such as changing times, dates or locations of the charitable gaming activity, submit a Permit Amendment form, which may be found below. Please submit the Permit Amendment form as far in advance of the effective date of the change in order to give OCRCP ample amount of time to process the form.

To update a current charitable gaming permit with information on any personnel involved in the management and operation of charitable gaming, such as President, Treasurer, Bingo Manager, Game Manager, or equivalent position, submit a Gaming Personnel Information Update form, which may be found below.

To temporarily suspend or permanently terminate a current charitable gaming permit, submit a Report of Game Termination form, which may be found below.

§ 18.2-340.16. Definitions

As used in this article, unless the context requires a different meaning:

"Bingo" means a specific game of chance played with (i) individual cards having randomly numbered squares ranging from one to 75, (ii) Department-approved electronic devices that display facsimiles of bingo cards and are used for the purpose of marking and monitoring players' cards as numbers are called, or (iii) Department-approved cards, in which prizes are awarded on the basis of designated numbers on such cards conforming to a predetermined pattern of numbers selected at random.

"Bona fide member" means an individual who participates in activities of a qualified organization other than such organization's charitable gaming activities.

"Charitable gaming" or "charitable games" means those raffles, Texas Hold'em poker tournaments, and games of chance explicitly authorized by this article. Unless otherwise specified, "charitable gaming" includes electronic gaming authorized by this article.

"Charitable gaming permit" or "permit" means a permit issued by the Department to an organization that authorizes such organization to conduct charitable gaming, and if such organization is qualified as a social organization, electronic gaming.

"Charitable gaming supplies" includes bingo cards or sheets, devices for selecting bingo numbers, instant bingo cards, pull-tab cards and seal cards, playing cards for Texas Hold'em poker, poker chips, and any other equipment or product manufactured for or intended to be used in the conduct of charitable games. However, for the purposes of this article, charitable gaming supplies shall not include items incidental to the conduct of charitable gaming such as markers, wands, or tape.

"Commissioner" means the Commissioner of the Department of Agriculture and Consumer Services.

"Conduct" means the actions associated with the provision of a gaming operation during and immediately before or after the permitted activity, which may include (i) selling bingo cards or packs, electronic devices, instant bingo or pull-tab cards, or raffle tickets, (ii) calling bingo games, (iii) distributing prizes, and (iv) any other services provided by volunteer workers.

"Department" means the Department of Agriculture and Consumer Services.

"Electronic gaming" or "electronic games" means any instant bingo, pull tabs, or seal card gaming that is conducted primarily by use of an electronic device. "Electronic gaming" does not include (i) the game of chance identified in clause (ii) of the definition of "bingo" or (ii) network bingo.

"Electronic gaming adjusted gross receipts" means the gross receipts derived from electronic gaming less the total amount in prize money paid out to players.

"Electronic gaming manufacturer" means a manufacturer of electronic devices used to conduct

electronic gaming.

"Fair market rental value" means the rent that a rental property will bring when offered for lease by a lessor who desires to lease the property but is not obligated to do so and leased by a lessee under no necessity of leasing.

"Gaming expenses" means prizes, supplies, costs of publicizing gaming activities, audit and administration or permit fees, and a portion of the rent, utilities, accounting and legal fees, and such other reasonable and proper expenses as are directly incurred for the conduct of charitable gaming.

"Gross receipts" means the total amount of money generated by an organization from charitable gaming before the deduction of expenses, including prizes.

"Instant bingo," "pull tabs," or "seal cards" means specific games of chance played by the random selection of one or more individually prepacked cards with winners being determined by the preprinted or predetermined appearance of concealed letters, numbers, or symbols that must be exposed by the player to determine wins and losses and may include the use of a seal card that conceals one or more numbers or symbols that have been designated in advance as prize winners. Such cards may be dispensed by mechanical equipment.

"Jackpot" means a bingo game that the organization has designated on its game program as a jackpot game in which the prize amount is greater than \$100.

"Landlord" means any person or his agent, firm, association, organization, partnership, or corporation, employee, or immediate family member thereof, which owns and leases, or leases any premises devoted in whole or in part to the conduct of bingo games or other charitable gaming pursuant to this article, and any person residing in the same household as a landlord.

"Management" means the provision of oversight of a gaming operation, which may include the responsibilities of applying for and maintaining a permit or authorization, compiling, submitting, and maintaining required records and financial reports, and ensuring that all aspects of the operation are in compliance with all applicable statutes and regulations.

"Network bingo" means a specific bingo game in which pari-mutuel play is permitted.

"Network bingo provider" means a person licensed by the Department to operate network bingo.

"Operation" means the activities associated with production of a charitable gaming or electronic gaming activity, which may include (i) the direct on-site supervision of the conduct of charitable gaming and electronic gaming; (ii) coordination of volunteers; and (iii) all responsibilities of charitable gaming and electronic gaming designated by the organization's management.

"Organization" means any one of the following:

1. A volunteer fire department or volunteer emergency medical services agency or auxiliary unit thereof that has been recognized in accordance with § 15.2-955 by an ordinance or resolution of the political subdivision where the volunteer fire department or volunteer emergency medical services agency is located as being a part of the safety program of such political subdivision;
2. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code, is operated, and has always been operated, exclusively for educational purposes, and awards scholarships to accredited public institutions of higher education or other

postsecondary schools licensed or certified by the Board of Education or the State Council of Higher Education for Virginia;

3. An athletic association or booster club or a band booster club established solely to raise funds for school-sponsored athletic or band activities for a public school or private school accredited pursuant to § 22.1-19 or to provide scholarships to students attending such school;

4. An association of war veterans or auxiliary units thereof organized in the United States;

5. A fraternal association or corporation operating under the lodge system;

6. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code and is operated, and has always been operated, exclusively to provide services and other resources to older Virginians, as defined in § 51.5-116;

7. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code and is operated, and has always been operated, exclusively to foster youth amateur sports;

8. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code and is operated, and has always been operated, exclusively to provide health care services or conduct medical research;

9. An accredited public institution of higher education or other postsecondary school licensed or certified by the Board of Education or the State Council of Higher Education for Virginia that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code;

10. A church or religious organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code;

11. An organization that is exempt from income tax pursuant to § 501(c)(3) or 501(c)(4) of the Internal Revenue Code and is operated, and has always been operated, exclusively to (i) create and foster a spirit of understanding among the people of the world; (ii) promote the principles of good government and citizenship; (iii) take an active interest in the civic, cultural, social, and moral welfare of the community; (iv) provide a forum for the open discussion of matters of public interest; (v) encourage individuals to serve the community without personal financial reward; and (vi) encourage efficiency and promote high ethical standards in commerce, industries, professions, public works, and private endeavors;

12. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code and is operated, and has always been operated, exclusively to (i) raise awareness of law-enforcement officers who died in the line of duty; (ii) raise funds for the National Law Enforcement Officers Memorial and Museum; and (iii) raise funds for the charitable causes of other organizations that are exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code;

13. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code and is operated, and has always been operated, exclusively to (i) promote the conservation of the environment, caves, or other natural resources; (ii) promote or develop opportunities for the use of science and technology to advance the conservation of the environment, caves, or other natural resources; and (iii) raise funds for the conservation of the environment, caves, or other natural resources or provide grant opportunities to other nonprofit

organizations that are devoted to such conservation efforts;

14. An organization that is exempt from income tax pursuant to § 501(c)(3) of the Internal Revenue Code that manages a museum that is operated, and has always been operated, exclusively for the purposes of musical heritage and the legacy of the "1927 Bristol Sessions";

15. An organization (i) established on or before December 31, 1963, as a result of its members being prohibited from joining similar existing organizations because of laws such as the Public Assemblages Act of 1926, which required the racial segregation of all public events in the Commonwealth; (ii) that is exempt from income tax pursuant to § 501(c)(7) of the Internal Revenue Code; and (iii) that is operated, and has always been operated, for community awareness and action through educational, economic, and cultural service activities;

16. An organization established on or before December 31, 1977, that is exempt from income tax pursuant to § 501(c)(7) of the Internal Revenue Code and is incorporated, in part, to raise funds for donation to organizations whose missions include promoting early detection of and public education about and supporting research and treatment options for heart disease and various cancers;

17. A local chamber of commerce; or

18. Any other nonprofit organization that is exempt from income tax pursuant to § 501(c) of the Internal Revenue Code and that raises funds by conducting raffles, bingo, instant bingo, pull tabs, or seal cards that generate annual gross receipts of \$40,000 or less, provided that such gross receipts, less expenses and prizes, are used exclusively for charitable, educational, religious, or community purposes. Notwithstanding § 18.2-340.26:1, proceeds from instant bingo, pull tabs, and seal cards shall be included when calculating an organization's annual gross receipts for the purposes of this subdivision.

"Pari-mutuel play" means an integrated network operated by a licensee of the Department comprised of participating charitable organizations for the conduct of network bingo games in which the purchase of a network bingo card by a player automatically includes the player in a pool with all other players in the network, and where the prize to the winning player is awarded based on a percentage of the total amount of network bingo cards sold in a particular network.

"Qualified organization" means any organization to which a valid permit has been issued by the Department to conduct charitable gaming or any organization that is exempt pursuant to § 18.2-340.23.

"Raffle" means a lottery in which the prize is won by (i) a random drawing of the name or prearranged number of one or more persons purchasing chances or (ii) a random contest in which the winning name or preassigned number of one or more persons purchasing chances is determined by a race involving inanimate objects floating on a body of water, commonly referred to as a "duck race."

"Reasonable and proper business expenses" means business expenses actually incurred by a qualified organization in the conduct of charitable gaming and not otherwise allowed under this article or under Department regulations on real estate and personal property tax payments, travel expenses, payments of utilities and trash collection services, legal and accounting fees, costs of business furniture, fixtures and office equipment and costs of acquisition, maintenance, repair, or construction of an organization's real property. For the purpose of this definition,

salaries and wages of employees whose primary responsibility is to provide services for the principal benefit of an organization's members may qualify as a business expense, if so determined by the Department. However, payments made pursuant to § 51.1-1204 to the Volunteer Firefighters' and Rescue Squad Workers' Service Award Fund shall be deemed a reasonable and proper business expense.

"Social organization" means any qualified organization that provides certification to the Department that it is:

1. An accredited public institution of higher education or other postsecondary school licensed or certified by the Board of Education or the State Council of Higher Education for Virginia qualified under § 501(c)(3) of the Internal Revenue Code;
2. An organization established on or before December 31, 1963, as a result of its members being prohibited from joining similar existing organizations because of laws such as the Public Assemblages Act of 1926, which required the racial segregation of all public events in the Commonwealth, that is qualified under § 501(c)(7) of the Internal Revenue Code;
3. An organization established on or before December 31, 1977, that is qualified under § 501(c)(7) of the Internal Revenue Code and is incorporated, in part, to raise funds for donation to organizations whose missions include promoting early detection of and public education about and supporting research and treatment options for heart disease and various cancers;
4. A fraternal beneficiary society, order, or association qualified under § 501(c)(8) of the Internal Revenue Code;
5. A domestic fraternal society, order, or association qualified under § 501(c)(10) of the Internal Revenue Code; or
6. A post or organization of past or present members of the Armed Forces of the United States, or an auxiliary unit or society of, or a trust or foundation for, any such post or organization qualified under § 501(c)(19) of the Internal Revenue Code.

"Social quarters" means, in addition to any specifications prescribed by the Department, an area at a social organization's primary location that (i) such organization designates to be used predominantly by its members for social and recreational activities, (ii) is accessible exclusively to members of the social organization and their guests, and (iii) is not advertised or open to the general public. It shall not disqualify the area from being considered social quarters if guests occasionally accompany members into the area, so long as such guests do not spend their own funds to participate in charitable gaming or electronic gaming activities conducted in the area. In determining if an area is social quarters for purposes of § 18.2-340.26:3, the Department may rely on publications of the Internal Revenue Service regarding the allowable participation of guests in an organization's social and recreational activities for purposes of § 501 of the Internal Revenue Code.

"Supplier" means any person who offers to sell, sells, or otherwise provides charitable gaming supplies to any qualified organization.

"Texas Hold'em poker game" means a variation of poker in which (i) players receive two cards facedown that may be used individually, (ii) five cards shown face up are shared among all players in the game, (iii) players combine any number of their individual cards with the shared cards to make the highest five-card hand to win the value wagered during the game, and (iv) the

ranking of hands and the rules of the game are governed by the official rules of the Poker Tournament Directors Association.

"Texas Hold'em poker tournament" or "tournament" means an organized competition of players (i) who pay a fixed fee for entry into the competition and for a certain amount of poker chips for use in the competition; (ii) who may be allowed to pay an additional fee, during set preannounced times of the competition, to receive additional poker chips for use in the competition; (iii) who may be seated at one or more tables simultaneously playing Texas Hold'em poker games; (iv) who upon running out of poker chips are eliminated from the competition; and (v) a pre-set number of whom are awarded prizes of value according to how long such players remain in the competition.

1995, c. 837;1996, c. 919;1997, cc. 777, 838;1998, cc. 57, 398;1999, c. 534;2002, cc. 282, 340; 2003, c. 884;2006, c. 644;2007, cc. 160, 264;2008, cc. 387, 689;2009, c. 121;2010, c. 429;2013, cc. 36, 350;2015, cc. 502, 503;2020, c. 982;2021, Sp. Sess. I, c. 520;2022, cc. 554, 609, 612, 722, 767; 2023, cc. 594, 787.

The chapters of the acts of assembly referenced in the historical citation at the end of this section(s) may not constitute a comprehensive list of such chapters and may exclude chapters whose provisions have expired.