



1112 Manatee Ave. West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

Addendum No.: 1
Solicitation No.: 20-TA003172BB
Solicitation Title: Satellite Lift Station R&R – 2018 Group 2
Addendum Date: December 4, 2019
Procurement Contact: Brooke Baker

20-TA003172BB is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This addendum is hereby incorporated in and made a part of IFBC No. 20-TA003172BB.

CHANGE:

DATE, TIME AND PLACE DUE

The Due Date and Time for submission of Bids in response to this IFBC is December 11, 2019 at 3:00 P.M. ET. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Ave. W., Suite 803, Bradenton, FL 34205 prior to the Due Date and Time.

CHANGE:

SECTION A, INFORMATION FOR BIDDERS, A.01 BID DUE DATE

The Due Date and Time for submission of Bids in response to this Invitation for Bid (IFBC) is December 11, 2019 at 3:00 P.M. ET. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Ave. W., Suite 803, Bradenton, FL 34205 and time stamped by a Procurement representative prior to the Due Date and Time.

Bids received after the Due Date and Time will not be considered. It will be the sole responsibility of the Bidder to deliver its Bid to the Manatee County Procurement Division for receipt on or before the Due Date and Time. If a Bid is sent by U.S. Mail, courier or other delivery services, the Bidder will be responsible for its timely delivery to the Procurement Division. Bids delayed in delivery will not be considered, will not be opened at the public opening, and arrangements will be made for their return at the Bidder's request and expense.

CHANGE:

SECTION A, INFORMATION FOR BIDDERS, A.51 SOLICITATION SCHEDULE

The following schedule has been established for this Solicitation process. Refer to the County's website (www.mymanatee.org > Business > Bids & Proposals) for meeting locations and updated information pertaining to any revisions to this schedule.

Scheduled Item	Scheduled Date
Question and Clarification Deadline	November 25, 2019
Final Addendum Posted	<u>December 4, 2019</u>
Bid Response Due Date and Time	<u>December 11, 2019</u> , 3:00 PM, ET
Due Diligence Review Completed	December 16, 2019
Projected Award	December 2019

NOTE: Any statements contained in the Scope of Work, Bid Summary, Construction Agreement, General Conditions of the Construction Agreement and/or Exhibits which vary from the information in Section A, Information for Bidders, shall have precedence over the Information for Bidders.

ADD:

BID ATTACHMENT 4, COMPOSITE MANHOLE RINGS AND COVERS

The attached Bid Attachment 4, Composite Manhole Rings and Covers, is hereby incorporated into the IFBC.

REPLACE:

Appendix J, Bid Pricing Form - Electronic Version with the revised Appendix J, Bid Pricing Form - Electronic Version issued with this Addendum No. 1.

QUESTIONS AND RESPONSES:

Q1. What is the engineer's estimated opinion of cost?

R1. The engineer's estimated opinion of cost is a cumulative total of \$784,620.00 for all locations listed in the solicitation.

Q2. It looks like the County is requesting composite manhole rings and covers for the Coral Shores portion; however, I cannot find anything stating the size. Should the Contractor assume a common 24"?

R2. The composite lids are to be a replacement of the standard USF 170-C with a 24" opening. CAP One 24 or ATG-2400-24 are acceptable. See Bid Attachment 4 issued with this Addendum No. 1.

Q3. Bid Attachment 3, Plans & Drawings, Page 7, Wildwood Springs, RTU 114: How far away is the power transformers for the service run?

R3. The control panel will be relocated approximately 10 lf, it is anticipated a handhole will be installed at the current location and new electrical service installed from that point.

- Q4. The MH 25201 is not easily accessible as it is in a fenced back yard. Has the homeowner been notified that a Contractor will need access?**
- R4. The County will contact the homeowner prior to construction and assist the Contractor in coordinating with the homeowner.
- Q5. Appendix J, Bid Pricing Form - Electronic Version, Bid Item No. 57: Does not have a formula to calculate the 10% contingency amount. How are we to handle this?**
- R5. This has been corrected. See the revised electronic Bid Pricing Form issued with this Addendum No. 1.
- Q6. Please provide locations of existing force mains & approximate routing of new force main connections for all of the sites. Specifically, in regards to asphalt, pavers, and driveway repairs.**
- R6. In general, the new portion of the force main will connect to the old force main in the proximity of the valve vault locations, except Wild Wood Springs 1. Its force main will run down the grass right-of-way to connect to the exiting main, +/- 70 LF.
- Q7. Bid Attachment 3, Plans & Drawings, Page 4, General Note 6: States the County will provide one lift station shut-down. Is this a force main shut-down to allow bypass connection to force main or simply to shut off the pumps and electricity to lift stations?**
- R7. The shut-down will allow for the Contractor to setup by-pass needs. The County will pull the pumps and help coordinate with the power company to stop flow of electricity to the lift stations.
- Q8. Can you provide location of influent bypass connection for RTU 103, RTU 105, and RTU 121?**
- R8. Generally, if a manhole is not nearby, the by-pass pumps are connected to the influent pipe of the wet well with flow thru plugs.
- Q9. Appendix J, Bid Pricing Form, Coral Shores West, Bid Item No. 41: Each site has this Bid Item that states "Concrete Repair, 2" thick (if required)." Please confirm that this is for repairs to the interior walls of the wet well.**
- R9. Confirmed, the spray-liner usually gets a 1/8" to 1/4" skim coat prior to applying the spray-liner which is included with the spray-liner Bid Item. Beyond that thickness, down to 2" thick is Bid Item No. 41, if the concrete walls are in need of repair. Please coordinate with County personnel for the limits of required repairs.
- Q10. Appendix J, Bid Pricing Form, Wildwood Springs 1, Bid Item No 53.03: Please specify which tree or trees are to be removed for this Bid Item.**
- R10. The tree next to the existing valve vault.

NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

END OF ADDENDUM

INSTRUCTIONS:

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

AUTHORIZED FOR RELEASE



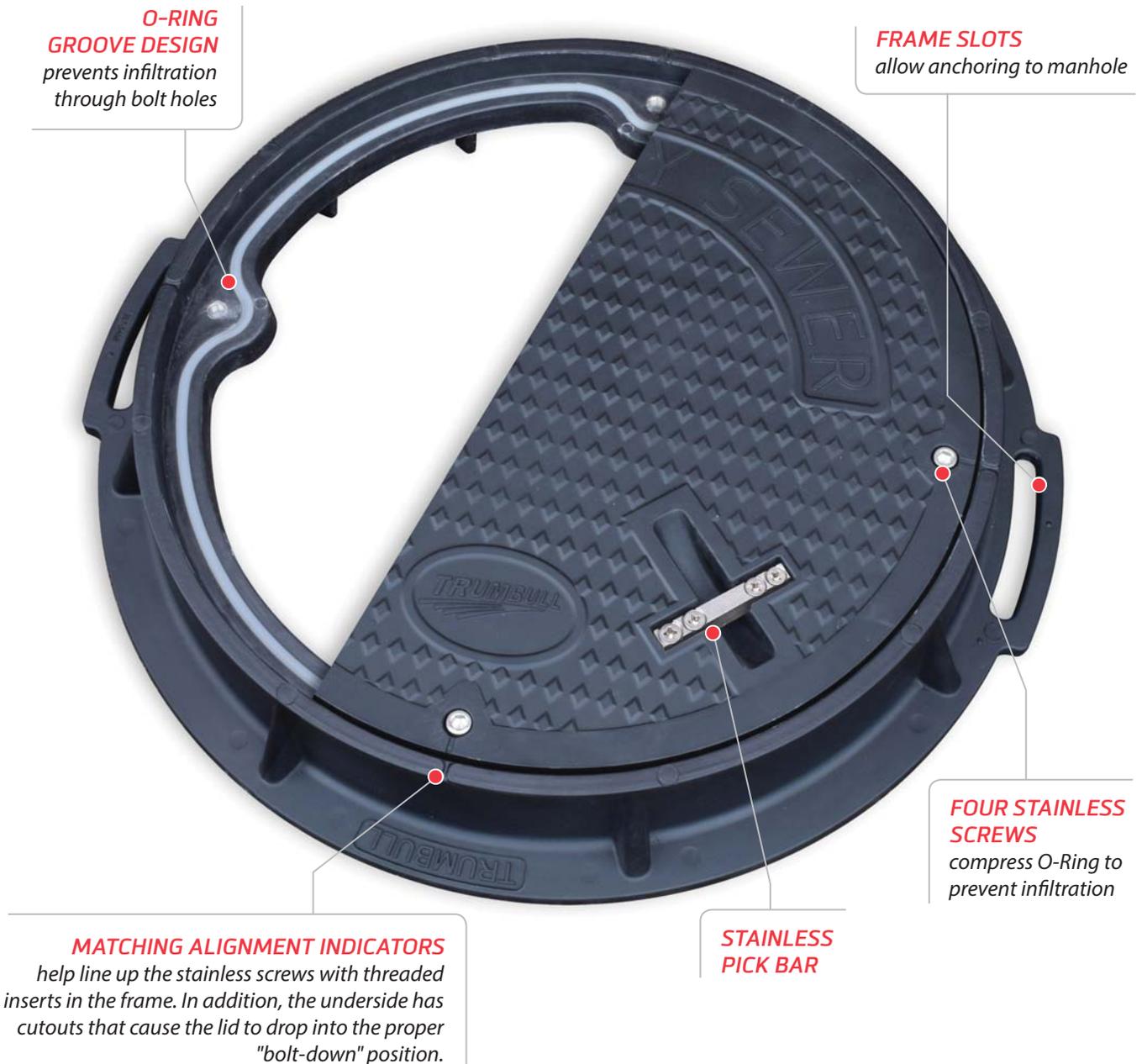
Aqua Technology Group, LLC

Phone: 513-298-1183 | 8104 Beckett Center Dr
Toll Free: 800-513-8993 | West Chester, OH 45069
Fax: 866-439-9570 | sales@aquatechnologygroup.com
www.aquatechnologygroup.com

ATG-2400 - 24" Polymer Manhole Cover & Frame

O-Ring Sealed

- Polymer design can pass a 50,000# proof load test per AASHTO M-306, H-25, yet weighs only one-third of comparable cast iron frame and lid, reducing back and finger injuries.
- Corrosion resistant.
- Studs on underside to attach flow monitoring/leak detection devices.
- Optional custom lettering available.



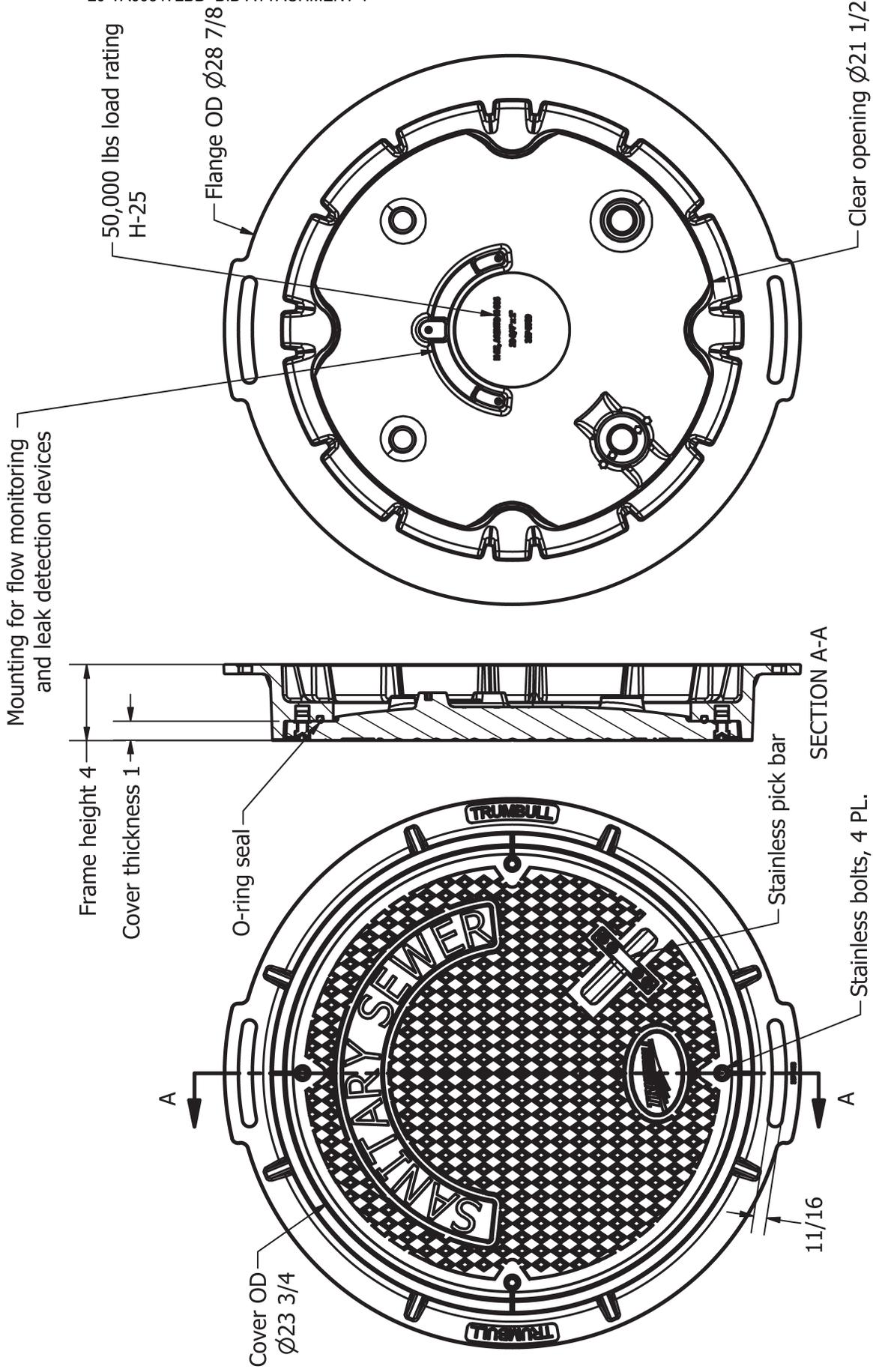
O-RING GROOVE DESIGN
prevents infiltration through bolt holes

FRAME SLOTS
allow anchoring to manhole

FOUR STAINLESS SCREWS
compress O-Ring to prevent infiltration

MATCHING ALIGNMENT INDICATORS
help line up the stainless screws with threaded inserts in the frame. In addition, the underside has cutouts that cause the lid to drop into the proper "bolt-down" position.

STAINLESS PICK BAR



Overall weight: 66.1 lbs

INNOVATIVE COMPOSITE MANHOLE COVERS – MADE IN THE USA



CAP ONE



CAP RF



CAP STONE



Just CAP That!

COMPOSITE ACCESS PRODUCTS, L.P.

5216 N.26TH STREET | MCALLEN, TX 78504 | (844) 344-CAP1 (2271) | (956) 765-2907 | FAX: (956) 797-7455

WWW.JUSTCAPTHAT.COM

ABOUT THE COMPANY

Composite Access Products L.P. (CAP) is a manufacturing company based in McAllen, TX, USA. Our mission is to improve utility access with a better solution to an old application. Composite manhole covers solve many problems associated with the outdated iron options.

Composite experts at CAP have finally produced the affordable and high quality solution for municipal use. Just CAP That!



High Strength Compression Molded



On-site Proof Load Testing Capability

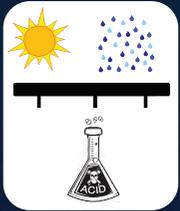


Multiple Colors, Logos, Locking, and Pick Hole Options

CAP COVERS SOLVE COMMON IRON COVER HEADACHES



High Strength: Third Party Certified for AASHTO M-306-10, H-20 and H-25 Proof Load



Corrosion Deterrence: Prevents H2S decay fusing the frame & cover shut. No sledge hammer needed to open!



Anti-Theft: No metal content and no scrap value for thieves. Prevent falling injuries.



Lightweight and Safe for Lifting: 50% lighter than Cast Iron, ergonomically recommended.



Locked to Frame: No Fly ups. Deters non-authorized access.



Wave Permeable: RFID, Cellular, and other signals pass through. . . no penetrating cables to shield or attach.



Insulating: Pedestrian & Pet safe. Not a conductor of electricity or heat.



APPROVALS

TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT)



TxDOT approves the use of the Composite Manhole Cover and Frame when being placed outside the roadway/ clear zone and within the roadway/ clear zone.

THIRD PARTY CERTIFIED TO M-306 H-20 AND H-25

CONCLUSIONS

The Provided covers comply with the requirements of section 6.1 Proof-Load Test H-25 specified in AASHTO Standard M 306-2.

The University of Texas
Rio Grande Valley

Materials Engineering Laboratory
Department of Mechanical Engineering

PRODUCT DETAIL SHEET

Pedestrian Safety

- Will not conduct electricity
- Greatly reduces possibility of burns from contact
- Slip resistance
- Tread pattern promotes water movement
- No scrap value virtually eliminates coverless manholes resulting from theft
- Predicted strength to surpass 6 x safety factor over US DOT 16,000 lb

Product Geometry and Accessories

- See Product Offering table.
- Concealed pick holes
- Watertight gasket available to prevent infiltration
- CAP-547 double hinged product with 180 degree rotation
- Concealed pick holes to prevent infiltration
- Through pick holes optional
- Vent holes optional

Composition and Production

- Blend of polyester/ vinyl ester thermosetting resin, inorganic fillers, fiberglass
- Over 40% fiberglass reinforced
- Additives to promote UV and weather resistance
- High pressure molded to eliminate voiding and porosity
- High temperature molded for completely cured thermoset matrix
- Closed-mold process reducing volatile loss. Product was not casted.

Installation & Maintenance

- Product safe to be installed by one person. Team installation recommended
- Set frame in concrete. Holes in frame flange allow bolts to anchor in concrete
- For unhinged models, align locks on cover to mating receiver cavity on frame
- Secure Cover to frame with attached bolts
- Cover will not fuse to frame due to corrosion. Avoid striking cover and frame with sledge hammer

Labels

- Manufacturer Name
- Country of Origin
- AASHTO H-20 and H-25
- Custom city names or added communication
- Manufacturing Date for traceability (CAP ONE)

Application – Corrosion and Chemical Resistance

- Sanitary Sewer, Storm Sewer and Drains
- Gas Station tanks
- Grease Traps
- Chemical tanks
- Telecom and Electrical
- Traffic Controls



Composite Access Products

5216 N.26th Street

McAllen, TX 78504

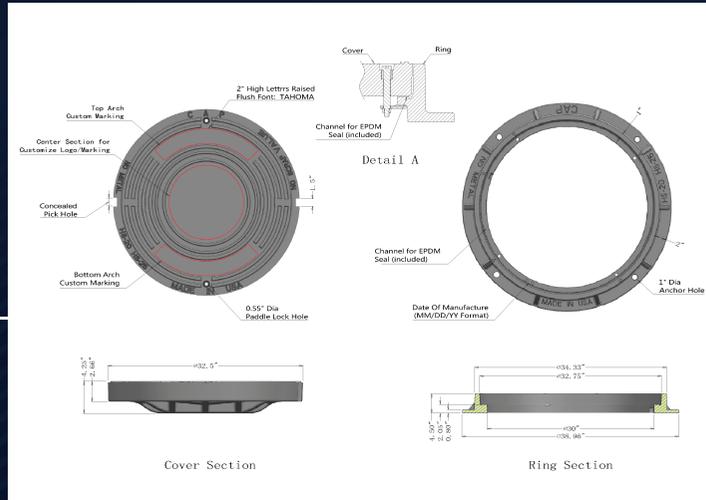
1-844-344-CAP1 (1-844-344-2271)

sales@CompositeAP.com

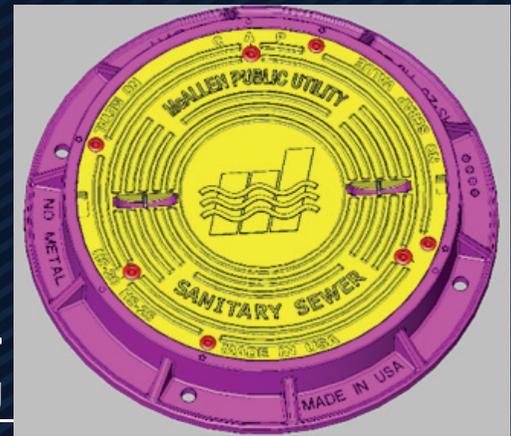
www.justCAPthat.com

PRODUCT OFFERING

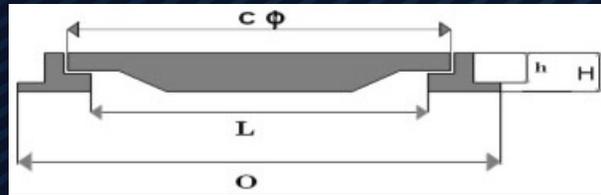
CAP ONE-30 30 Inch Clear Opening



CAP-900 36 Inch Clear Opening



CAP ONE-24 24 Inch Clear Opening



Series Nos	AASHTO M306 Proof Load	Clear Opening (L) inch	Frame Weight lb	Overall Size (O) inch	Depth (H) inch	Depth (h) inch	Cover weight lb	Cover Size (C) inch	Total Weight lb
CAP 547 (Hinged)	HS-25	22	35	32	3.9	3.2	54	24	89
CAP 605	HS-25	24	30	31	3.6	3.1	69	26	96
CAP ONE - 30	HS-25	30	62	39	4.5	3.7	101	32.5	163
CAP 900	HS-25	36	44	42	4.4	3.6	121	39	165

Introducing The CAP RF

PATENT PENDING

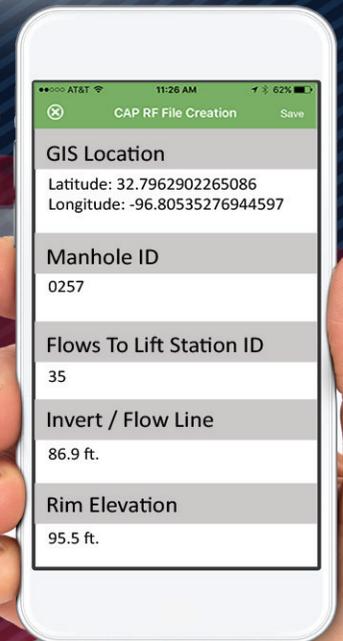
Composite covers with encapsulated radio frequency identification

- Asset tracking
- GIS Compatible
- Information available at fingertips
- No exterior antenna wire, battery, fasteners
- Molded-in Protection: RFID Will Not Corrode or Break off

All without opening the cover



RF Scanner



Just CAP That!



Innovation, Infrastructure, Made-In-The-USA



How To Choose Composite Covers... Five Questions to Ask

1. Where was it manufactured?



Made-In-The-USA is important:

- Avoid sending tax-payer funds to foreign manufacturers & comply with federal law
- Traceability to raw materials, Short Lead Times, Local Service
- Consistent quality – no shortcuts

If no Country of Origin is explicitly on top, it is Chinese and does not comply with AASHTO rules. CAP is Made-In-The-USA!

2. Are locks 316 Stainless for corrosion resistance?



- Metal Locks Can Corrode if not 316 stainless steel (specifically Austenite)
- Corroded Hardware could seize and break
- Use a magnet to test...Austenite is not attracted by magnetic forces

A lock system attracted to magnets (like the latch and bolt lifted by the red magnet in photo) is NOT corrosion resistant. CAP uses only corrosion resistant lock assemblies.

3. How Thick is the Frame Wall?



- A full 7/8 inch composite wall is extremely strong
- Thin composite frame walls can fracture over time with vehicle wheel strike

CAP's robust frame design with double the wall thickness of the thin import

4. Compression Molded or RTM?



- Compression Molded Composites are High Volume, High Speed, and Affordable
- High tonnage imparts high strength
- RTM covers can be too light...manhole covers are not supposed to be Frisbees
- Compression Molding Pushes Trapped Gas Out of Part

CAP Covers are pressed with 800 tons and done in less than 10 minutes

5. Which UV protection additives?



- Absorber, Quenchers, or H.A.L.S.?
- Carbon Black is a good Absorber, but is it enough?
- Resin chemistry and Inorganic fillers can play an important role as well.

CAP Composite Experts Can Answer these questions...Let's talk!

Just CAP That!

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