

# Electric Utility Structures

Universally approved electric utility structures





Jensen Infrastructure offers the largest inventory of precast concrete utility products in the Western United States. Our electric utility structures are universally approved by state agencies and utility companies in Arizona, California, Hawaii, Nevada, and Oregon. We work closely with engineers and contractors on standard and custom solutions from design to installation.



# Electric Utility Structures

When Thomas Edison first powered up homes with electric lighting in 1880, it was through a simple two conductor multiple circuit system placed underground. No one had ever done that before. It was the first successful underground power system. Today we place tons of electrical utilities underground to power up our lives 24/7. To keep the lights on, engineers and contractors trust durable precast concrete structures to install, maintain, and protect the grid.

When facing the intricacies of a utility project, the last thing you want to worry about is lining up the right products that work with client expectations. Here's what to look for when your job requires single or multiple electric utility structures.



- ✓ **Does the company you want to work with have a history of providing products that meet state agency and utility company standards and specifications?** Are the products compliant with current industry requirements? Work with a precaster that knows this space inside and out.
- ✓ **How handily can you drop a utility structure data sheet into your existing plans?** Is all the data approved by the agency or company that owns the project? Rely on a company that can move your job forward from day one and stay with you until everything gets done.
- ✓ **What types of structures does the company offer?** How will all the necessary pieces fit together when you are in the field? Go with a manufacturer that can provide the whole package instead of spending time and budget on multiple vendors.
- ✓ **Will the precast concrete structures you install hold up over time?** Does the company use high quality concrete and guarantee its work? Make sure your precaster has the experience, confidence, and wherewithal to come through for you no matter the situation.



# Utility Vaults and Accessories

Utility vaults and accessories provide housing and protection from the elements for utility equipment. Jensen manufactures these structures in precast concrete and polymer concrete to meet the specific needs of utility companies. Our vaults and accessories are made of the highest quality materials for long term durability.

Jensen makes standard vaults, tunnel vaults, meter and valve vaults, panel vaults, pull boxes, and slab boxes in a variety of sizes, shapes, and other specifications. We offer standard and custom designs for your project needs.



## Design

Jensen designs agency approved utility structures in standard and custom configurations.

## Manufacture

We manufacture utility vaults, handholes, and manholes in various locations for delivery to your jobsites.

## Set in Place

Our fleet of boom and long haul trucks allow for fast delivery to your project site and easy setting.

# Applications



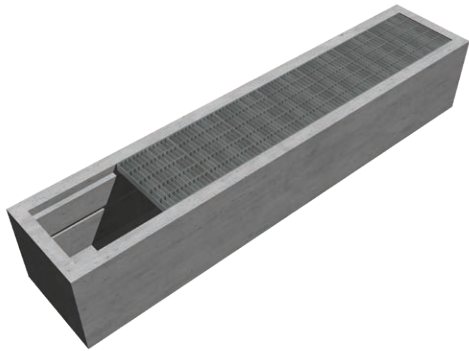
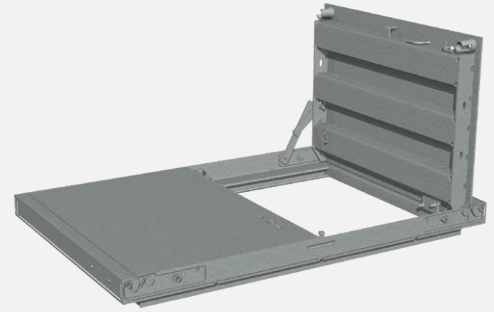
- ✓ Utility companies
- ✓ State agencies
- ✓ Academic institutions
- ✓ Military bases
- ✓ Medical facilities
- ✓ Solar installations
- ✓ Residential communities
- ✓ Industrial parks
- ✓ Airports and train stations
- ✓ Shopping plazas

## Solutions

- ✓ **Utility Vaults and Manholes**
  - Meet special requirements such as deep bury, high water table, airport, and port KIP loading
- ✓ **Pull Boxes & Handholes**
  - Built in lift holes to make handling and installation quick and effortless
  - Brackets for bolt down applications
  - Preinstalled snap in place clips to eliminate need for “lock nuts” and washer installation in the field
  - TraxPlate® covers for the ultimate in slip resistance
  - LockLid™ to prevent pry bar access for copper wire theft
- ✓ **Transformer & Equipment Pads**
  - Slab boxes for easier access, quicker upgrades, and changes to equipment and structure
- ✓ **Electrical Trench**
  - Unlimited capabilities to skew or transition mitered sections, vertical angles, tees, crosses, and side by side trenches.

## Access Solutions

Custom built to any specified design, our access products include spring assisted doors, safety locks, and identification markings. Made of high grade steel and aluminum with TraxPlate® slip resistant covers.



## Electrical Trenches

We manufacture trenches in the heights, widths, and lengths you request. We carry multiple forms and unlimited capabilities to skew or transition mitered sections, vertical angles, tees crosses, and side by side trenches.

## Light Pole Bases

Easy to install for demanding locations, timelines, or weather conditions, our concrete light pole bases come with conduit holes, anchor bolts, and copper wire.



## Pull Boxes & Handholes

Built in lift holes make installation effortless. Brackets enable bolt down applications. Preinstalled snap clips eliminate lock nuts and washers. TraxPlate® covers are slip resistance. LockLid™ prevents copper wire theft.

## Transformer Pads & Slab Boxes

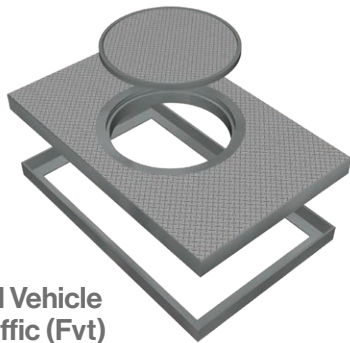
We manufacture durable transformer and equipment pads for electric utility fixtures in standard sizes with customizable options. We offer slab boxes for faster access to equipment and quicker upgrades to the structure.





# Utility Vaults & Manholes

Jensen Infrasctructure offers utility vault customization for terminators, knockouts, pulling irons, slots, manway access, coatings, and other requests. Our full line of products includes vaults, manholes, pull boxes, slab boxes, tunnel vaults, and panel vaults.



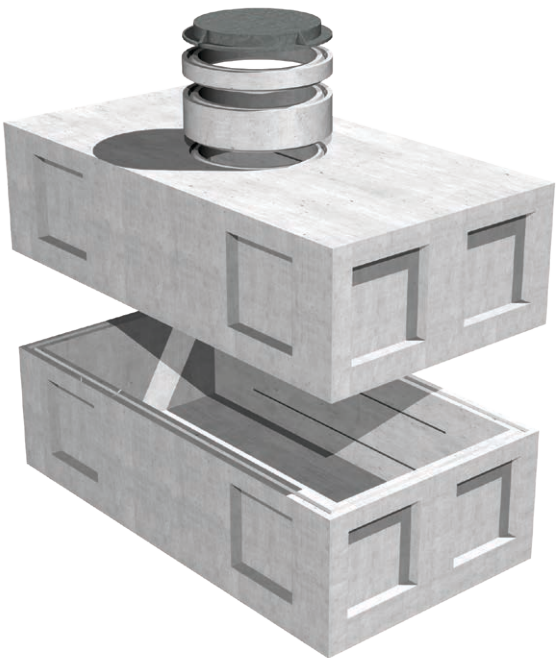
Full Vehicle Traffic (Fvt)



Manhole Opening



Vault Opening



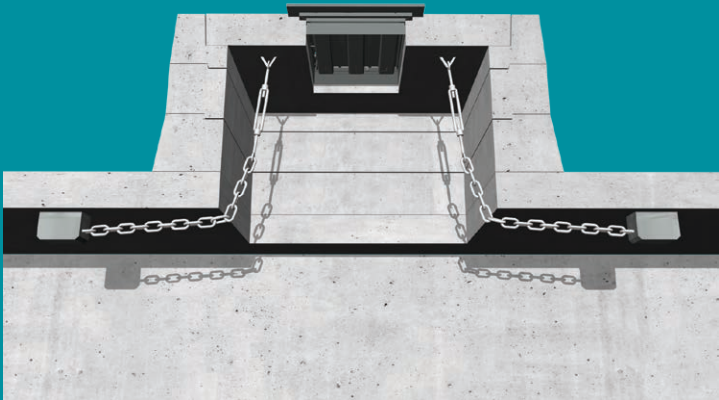
Width	Available lengths
3'	3', 4', 5', 6'
4'	5', 6', 6'-6", 7'
4-6'	8'-6"
5'	5', 10', 10'-6"
6'	6', 8', 9', 10', 12'
7'	7', 14', 18'

Width	Available lengths
8'	8', 10', 14', 16', 20'
9'	9'
10'	10', 12', 20'
12'	12'
14'	14'

**Additional Products:** ☒ Perimeter security walls ☒ Protective firewalls

## Explosion Proof Manholes

Jensen Infrasctructure is a leader in the effort to prevent injuries and power outages due to exploding manholes. We provide you with options for vault and manhole cover restraints based on the requirements of the utility company or state agency.



# Take the next step.

Talk to a Jensen electric utility structures expert to find the best solution for your project.

## Contact Us

Connect with our team to discuss your project needs and get expert guidance.

## Request a Lunch & Learn

Schedule an educational session for your team on detention, treatment, and biofiltration solutions.

## Contact Information



Phone: (775) 352-2700

Email: [info@jenseninfrastructure.com](mailto:info@jenseninfrastructure.com)

Web: [jenseninfrastructure.com](http://jenseninfrastructure.com)

### About Jensen Infrastructure

Jensen Infrastructure is a second-generation, family-run business that's been helping build America's infrastructure since 1968. We bring deep engineering expertise, multi-material capabilities, and personal support to every project – so you get the right solution delivered by a team that stands behind it.

Infrastructure  
**JENSEN**