

## New Orleans Hotel Utilizes NDS EZ Roll Gravel Pavers to Reduce Runoff and Meet Regulations

**Project Name:** Hotel St. Vincent  
**Location:** New Orleans, LA  
**Segment:** Small < 10 acres  
**Products:** Permeable Pavers  
**Property Type:** Hotel/Resort  
**Partners:** Palmisano Construction

[More information on NDS Gravel Pavers](#)



### Challenge: Hotel lot needed paver system that would meet city stormwater requirements

Hotel St. Vincent is situated in the heart of New Orleans' Lower Garden District and occupies a completely restored historic building. A 2020 restoration project was designed to minimize stormwater runoff with a new permeable parking area. The issue was finding a permeable pavement system that would withstand the wear of hotel guest vehicles and incoming delivery trucks, while also ensuring ADA compliance and meeting stormwater regulations imposed by the city of New Orleans a few years prior.

### Solution: NDS EZ Roll Gravel Pavers capable of handling both loads and regulations

A paneled paver system was initially specified for this project but once Palmisano Construction was awarded the contract, they worked closely with a local distributor who recommended the NDS EZ Roll Gravel Paver system as a more ideal solution. Known for its performance, durability and cost savings, the system offers a 20-25% reduction in labor when compared to traditional panel systems because it comes in preassembled rolls that easily position into place.

The construction team installed 5,100 sq. feet of GP4X150 and noted how the bonded geotextile Tytar backing fabric prevented the fill gravel from working its way between the pavers and its base. Competitive paver systems without backing could cause the pavers to lift and potentially lead to unsightly and hazardous obstructions. But the NDS paver system stays intact and meets the ADA's maneuverability performance requirements of ASTM F 1951-09b.

NDS EZ Roll is also one of the market's strongest gravel paving systems capable of handling the weight and traffic of guest vehicles and delivery trucks. Once filled with the specified semi-angular gravel, NDS EZ Roll Gravel Pavers offer 500,000 lbs. of compressive strength per sq. foot, exceeding AASHTO H20 highway loading characteristics while not contributing to stormwater runoff. Also, with the use of NDS EZ Marker Grass & Gravel Delineators, the construction team easily outlined the parking stalls and put the finishing touches on the lot. In addition to white, these delineators are offered in safety yellow, handicap blue and fire lane red.

### Impact: EZ Roll system exceeds regulatory requirements while reducing installation costs

The construction team was pleased with the use of NDS EZ Roll Gravel Pavers because the product saved time and money when compared to competitive products. The parking area now featured an attractive and sustainable alternative to traditional paving and permeability while still meeting all necessary ADA and stormwater regulations.

*"The product helped make the operation more efficient by being able to roll out a large section at one time vs. snapping all the paneled sections together. Another good point is that it didn't take as much rock to fill in the holes, which helped keep cost down."*

- *Jason* (Project Manager)

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