



# MEMORANDUM

Council Agenda  
Item No. X. P  
4/26/2022

## The City of OKLAHOMA CITY

TO: Mayor and City Council

FROM: Craig Freeman, City Manager

Concurrence with the Oklahoma City Riverfront Redevelopment Authority in approving a Project Agreement with the Oklahoma Department of Transportation to install two Light Detection and Ranging test installations on Oklahoma City Riverfront Redevelopment Authority property south of the Oklahoma River, near I-35. Ward 7.

**Location:**

South of the Oklahoma River, near I-35

**Background:**

The Oklahoma Department of Transportation (ODOT) seeks this Project Agreement (Agreement) to temporarily install LIDAR equipment at the location described above (Site).

LIDAR uses specialized lasers, software, and cameras to identify objects on the water's surface. The two, pole-mounted LIDAR installations will observe ripples, watercraft, and other objects passing upon the Oklahoma River. The data collected will help ODOT calibrate the LIDAR system to distinguish between different objects and surface conditions. The goal is to enable LIDAR to accurately identify debris and other hazards moving upon waterways, thereby helping ODOT protect bridge piers across the state. The Site will be one of multiple test locations throughout Oklahoma. There will be no cost to OCRRA or the City for the test activities.

The Agreement is for six months from the date of approval by OCRRA. ODOT, or its contractors, must provide required insurance and indemnification; monitor and maintain the Site; avoid damaging OCRRA property; and comply with applicable laws, rules, and regulations.

In addition, ODOT must coordinate its activities at the Site to avoid unreasonably interfering with OCRRA's operations. ODOT warrants that any light emitted from the LIDAR installations will be directed so as not to endanger or unreasonably interfere with trail users or nearby watercraft, aircraft, or motorists.

When the Agreement expires or is terminated, OCRRA has the option to retain LIDAR-related appurtenances at the Site. Upon request, ODOT will also share with OCRRA any data obtained during the tests that may be useful to OCRRA's operations and management of the Oklahoma River corridor property. OCRRA approved the Agreement on March 29, 2022.

**Review:**

Parks and Recreation

**Recommendation:** Concur with the Oklahoma City Riverfront Redevelopment Authority in approving the Agreement.