



## Roofing Consulting & Design Project

### WEST BOUNTIFUL 1, 7, 8 WARDS Religious Project



#### PROJECT DESCRIPTION:

- ◆ Our Roofing Consulting team was called in to manage the re-roof and structural up-grade of an existing LDS chapel in West Bountiful. The original structure had been completed in approximately 1934, with an addition in 1976. Our team worked with a local structural engineer's office to evaluate the integrity of the existing roof structure and then to provide design and documentation to implement the required changes.
- ◆ The goals were to improve the structural integrity of the roof structure in the event of an earthquake, as well as replace the old and deteriorating roofing systems.
- ◆ We completed the required construction drawings and specifications and then conducted the bidding process. Along with the winning contractor and the structural engineer, our office was able to administer the conditions of the contract and oversee the reconstruction of the existing roof. Some trusses were replaced, over-build areas strengthened, and the entire roof was seismically tied to the wall structure. The new system installed included new asphalt shingles over ice & water shield, new metal fascias, rain gutters & downspouts, and added attic ventilation. As a final touch, the existing steeple was repainted to match the new metal installed on the roof eaves.



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