

Waterproofing: Split Slab & Plaza

- **UW Madison, Fluno Center - Plaza Deck Condition Study 2017** *Madison, WI*
32,000 sf Plaza slab consisting of split slab plaza, drives, and green roof. Performed existing condition field assessment. Provided written report including marked-up photos, redlines of existing plans & details, new details and estimate for proposed repairs.
- **Children's Hospital of Wisconsin West Parking Structure 2016** *Wauwatosa, WI*
1,000 sf Split slab removal & replacement within precast parking structure housing electrical rooms below. Removed cast-in-place (C.I.P) wear surface, expansion joint & waterproofing. Performed concrete repairs. Installed new two-level floor drains. Needle beam shoring for removal of CMU wall bearing on precast structure replaced w/ C.I.P. curb, re-built CMU wall on new curb. Installed support frame expansion joint system. Installed new reinforced cold applied waterproofing system. Electric-Field Vector Mapping (EFVM) for warranty verification. Installed drainage mat, new concrete wear slab & sealant in wear slab joints.
- **National Guardian Life Insurance Headquarters Plaza 2016** *Madison, WI*
8,500 sf Split slab removal & replacement over underground P-T parking structure. Removed existing concrete wear surface, and waterproofing. Performed cast-in-place concrete repairs in below grade parking structural slab. Installed new reinforced hot applied waterproofing system. Installed drainage mat, new concrete wear slab. Installed sealant in wear slab control joints
- **Manchester Place Sidewalk Vault 2013** *Madison, WI*
1,200 sf Split slab removal & replacement over underground electrical sub-station concrete vault structure. Removed existing concrete sidewalks, planters, and waterproofing. Performed cast-in-place concrete repairs in below grade vault structure. Installed new sub-surface drainage system. Installed new reinforced hot applied waterproofing system. Electric-Field Vector Mapping (EFVM) for warranty verification. Installed drainage mat, new concrete curbs, planters & sidewalks.
- **Private Apartment Building Complex Plazas (2 separate interior plazas) 2013** *Sun Prairie, WI*
4800 sf total Split slab removal & replacement over underground Precast parking structure. Removed existing concrete wear surface, and waterproofing. Performed precast & cast-in-place concrete repairs in below grade parking structure. Installed new perimeter trench drain system. Installed new reinforced hot applied waterproofing system. Electric-Field Vector Mapping (EFVM) for warranty verification. Installed drainage mat, new concrete wear slab, curbs. Installed sealant in wear slab joints.
- **Tenney & US Bank Sidewalk Vault 2013** *Madison, WI*
1,800 sf Below Grade waterproofing removal & replacement over underground concrete parking structure. Removed below grade waterproofing. Performed cast-in-place concrete repairs to below grade vault structure. Installed new reinforced hot applied waterproofing system. Electric-Field Vector Mapping (EFVM) for warranty verification. Installed drainage mat, new concrete curbs, planters & sidewalks. Removal / replacement of existing concrete sidewalks by City of Madison contractor.
- **Jefferson County Courthouse Parking 2012** *Jefferson, WI*
10,000 sf Split slab removal & replacement over underground P-T parking structure. Removed existing concrete wear surface, sidewalks, planters, and waterproofing. Performed cast-in-place concrete repairs in below grade parking structure. Installed new sub-surface drainage system. Installed new reinforced hot applied waterproofing system. Electric-Field Vector Mapping (EFVM) for warranty verification. Installed drainage mat, new concrete wear slab, curbs, sidewalks & accessible ramp. Installed sealant in wear slab control joints

