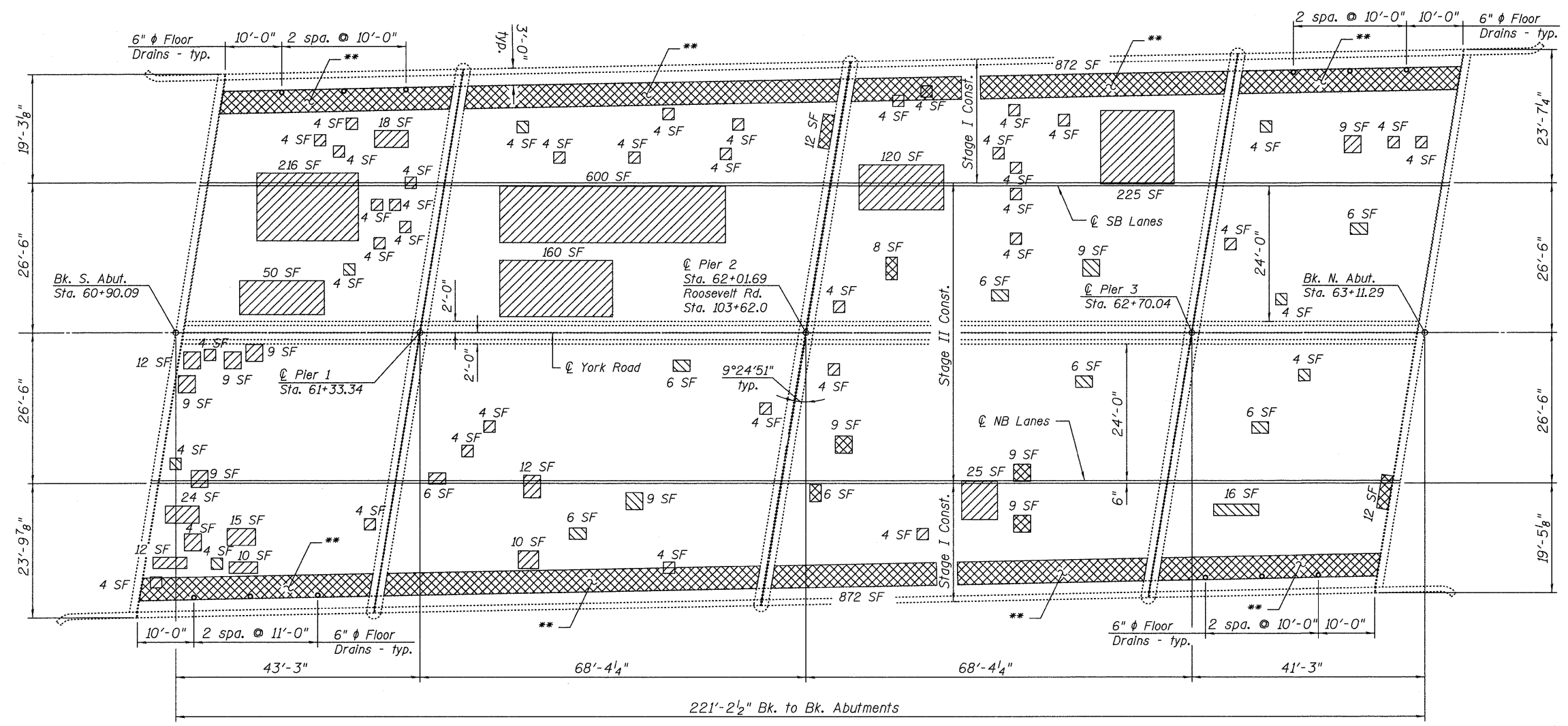
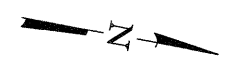


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DECK SLAB REPAIR PLAN

LEGEND

- Existing Deck Slab Repair (Partial) = 190 SY*
- Proposed Deck Slab Repair (Partial) = 12 SY*
- Deck Slab Repair (Full Depth) = 202 SY
- Proposed 6" ϕ Floor Drain = 12 Each
(See detail sheet 15 of 16).

Notes:

- Date of Survey, October 2009.
- The Engineer shall record the actual Deck Slab Repair areas in the plans. Patches shown are taken from existing inspection reports. Full depth patches shall only be used in areas where Hydro-Scarification reveals or produces unsound concrete as determined by the Engineer. See Special Provisions for Deck Slab Repair. Items marked with an asterisk (*) are for information only. Proposed Deck Slab Repair (Partial) shall be included in the cost of Bridge Deck Hydro-Scarification 1/2 inch.
- **Contractor must exercise extreme care as to not damage the PPC I-Beams that may be near the curb face during Deck Slab Repair (Full Depth). Full depth patches in these areas shall be done in stages. Patches should be 10 ft. maximum parallel to the ϕ Roadway with a minimum of 10 ft. of existing concrete between patches. After new concrete is poured, work cannot begin in an adjacent section until both of the following requirements are met:
 1. At least 72 hours shall have elapsed from the end of the previous pour on either end.
 2. The new concrete on either end shall have obtained a modulus of rupture of 650 psi or a minimum compressive strength of 3,500psi.

DESIGNED - CMV
CHECKED - SDS
DRAWN - DLH
CHECKED - CMV

WHKS & CO.
ENGINEERING
7018 KINGSMILL CT.,
SPRINGFIELD, IL
(217) 483-9457
DESIGN FIRM #184001036

DECK SLAB REPAIR PLAN
F.A.U. RTE. 2678 (YORK ROAD) OVER
F.A.P. RTE. 347 (IL RTE. 38 - ROOSEVELT ROAD)
SECTION 163 HB-I-1
DUPAGE COUNTY
STATION 621+01.69
STRUCTURE NO. 022-0067

SHEET NO. 5 16 SHEETS	F.A.U. RTE. 2678	SECTION 163 HB-I-1	COUNTY DUPAGE	TOTAL SHEETS 31	SHEET NO. 15
	C-91-275-10		CONTRACT NO. 60J85		
ILLINOIS FED. AID PROJECT					