

SHIFTING YOUR PERSPECTIVE

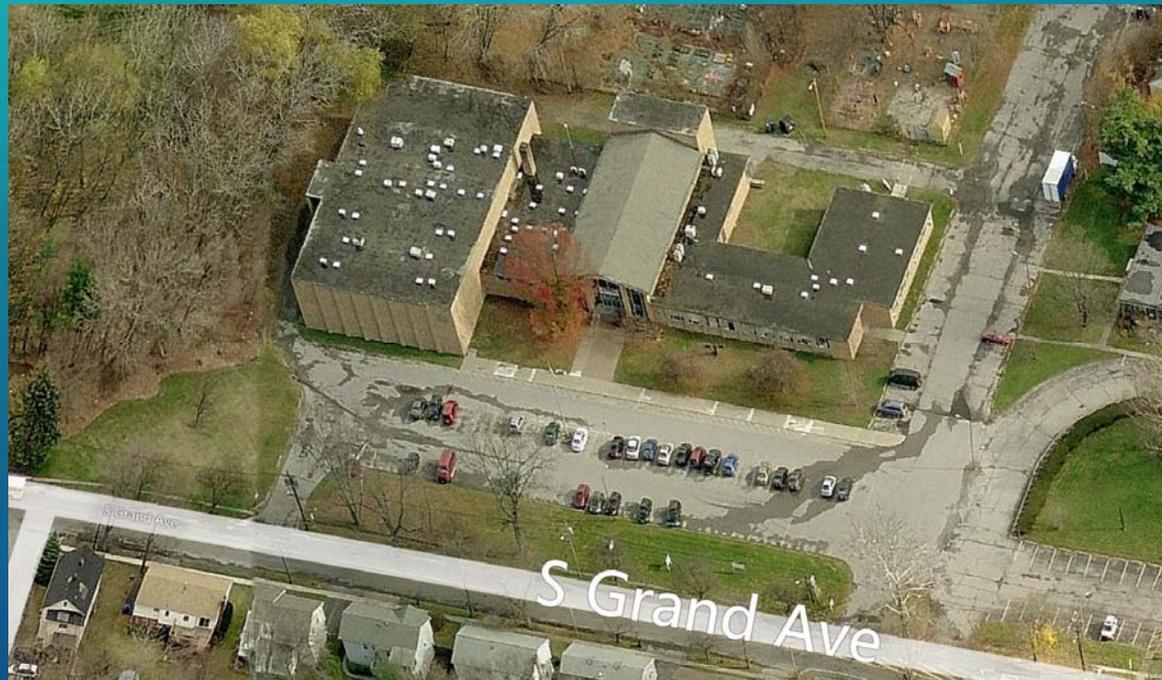
EXPERIENCE AND PLAN FOR ACCESSIBILITY CHALLENGES

DUTCHESS COUNTY PLANNING FEDERATION

DELAWARE ENGINEERING, D.P.C.

JUNE 8, 2017

THINKDIFFERENTLY – ACCESSIBILITY CHALLENGES AT
110 SOUTH GRAND AVENUE, POUGHKEEPSIE, NEW YORK



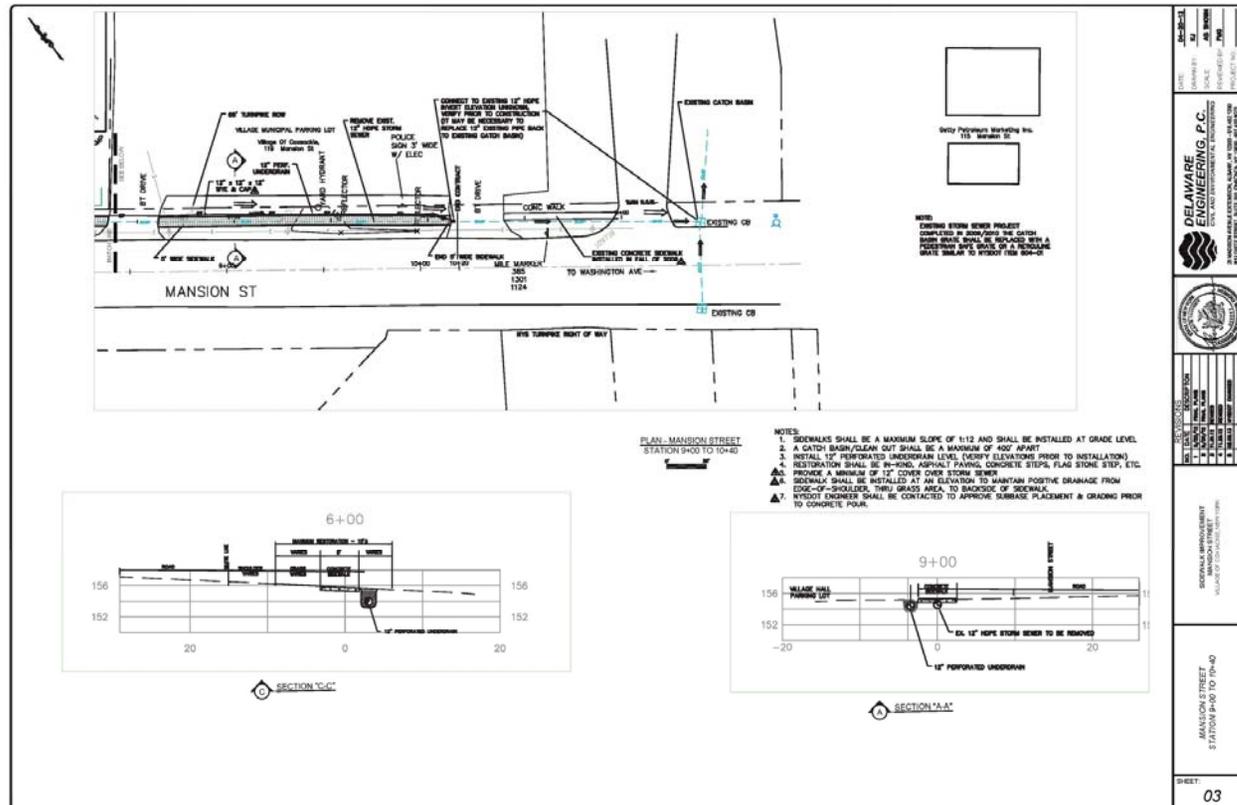
CHALLENGES TO ENSURING ACCESSIBILITY THROUGH SITE PLAN REVIEW

- Translating two dimensional site plans to the built environment
- Rote provision of ADA compliant features may not result in the most accessible plan
- Consideration of temporary limitations in addition to permanent disabilities
 - Pre or Post Surgical – knees, hips, shoulders, etc.
- Environmental factors
 - Rain, snow, landscape growth, leaves, etc.
- Provision of typical details, survey scale, sections or profiles for sidewalks

ACCESSIBILITY FEATURES TO CONSIDER

- Sidewalks – length, slope, width, material of construction
- Crosswalks – on-site and off-site
- Location and connections for Accessible Parking Spaces
- Landscaping – leaves, pods, pinecones, acorns, visibility
- Stormwater and Snow Management
 - Sheet flow, catch basin elevations, ponding
 - Snow storage, melt, freeze
 - Pervious pavement – soils, percolation

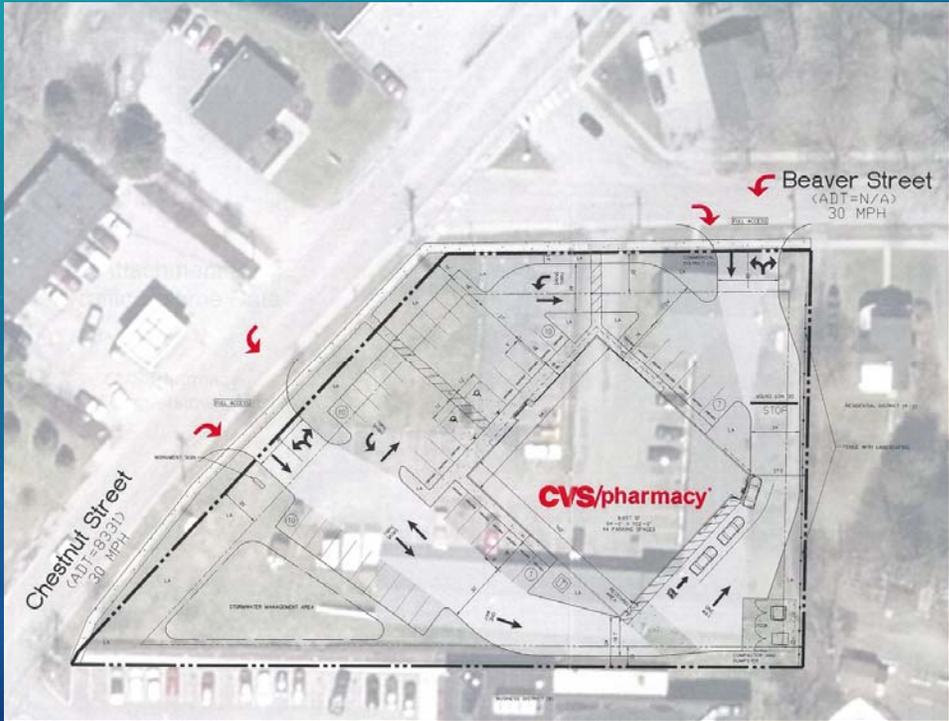
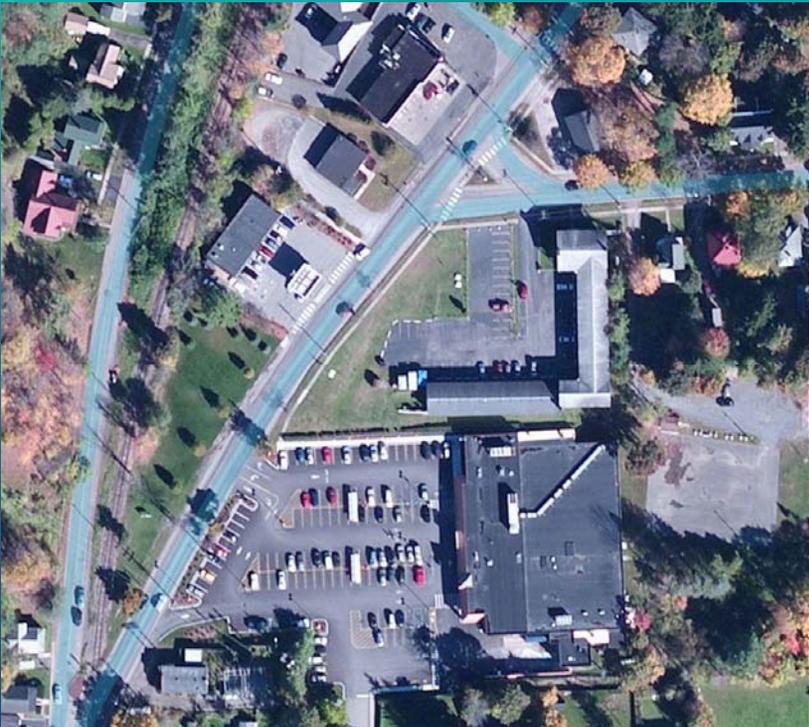
MANSION STREET, COXSACKIE, NY – SIDEWALK SECTIONS



CVS COOPERSTOWN, NY – SIDEWALKS & CROSSWALKS



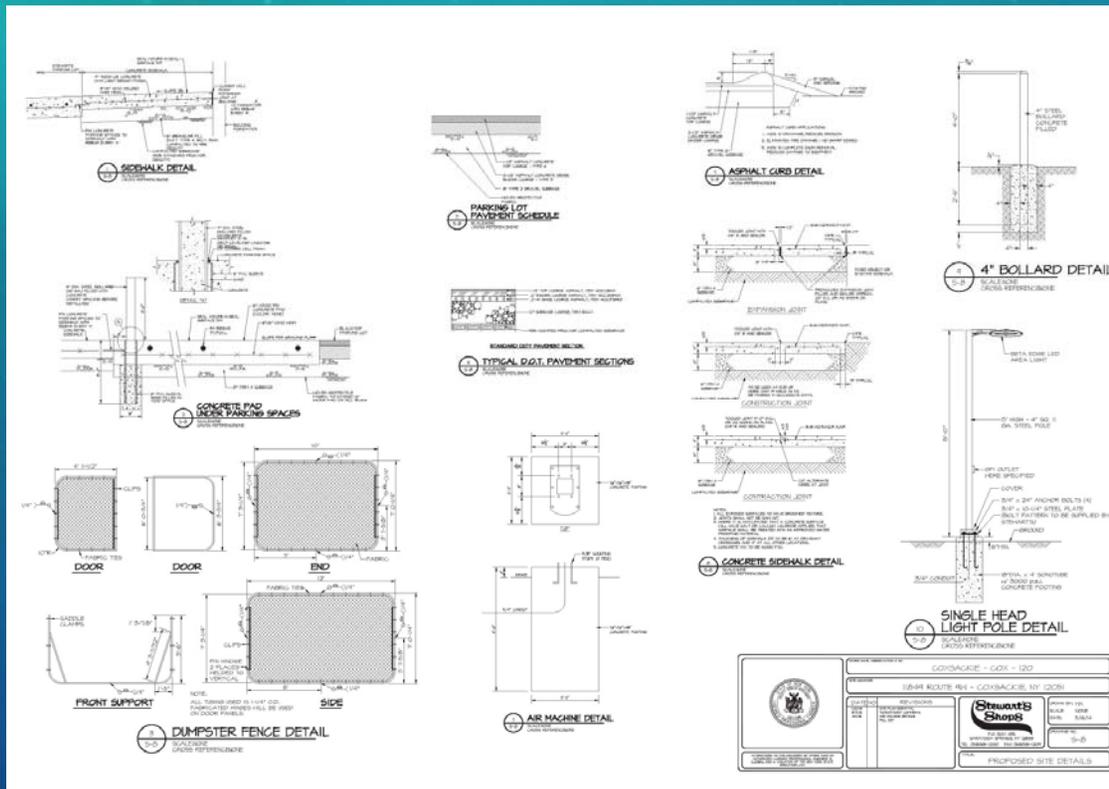
CVS COOPERSTOWN NY – OFF SITE CROSSWALKS



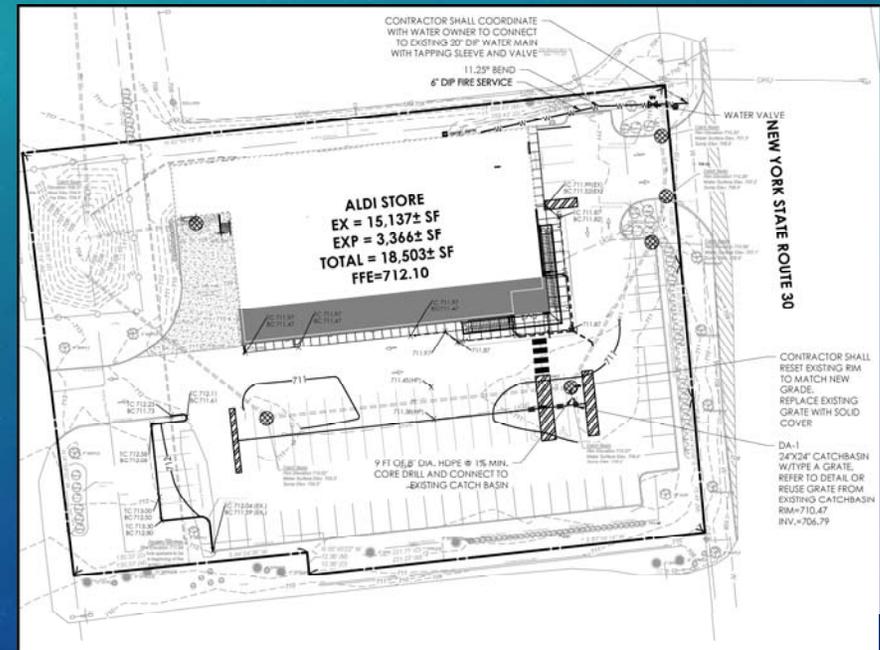
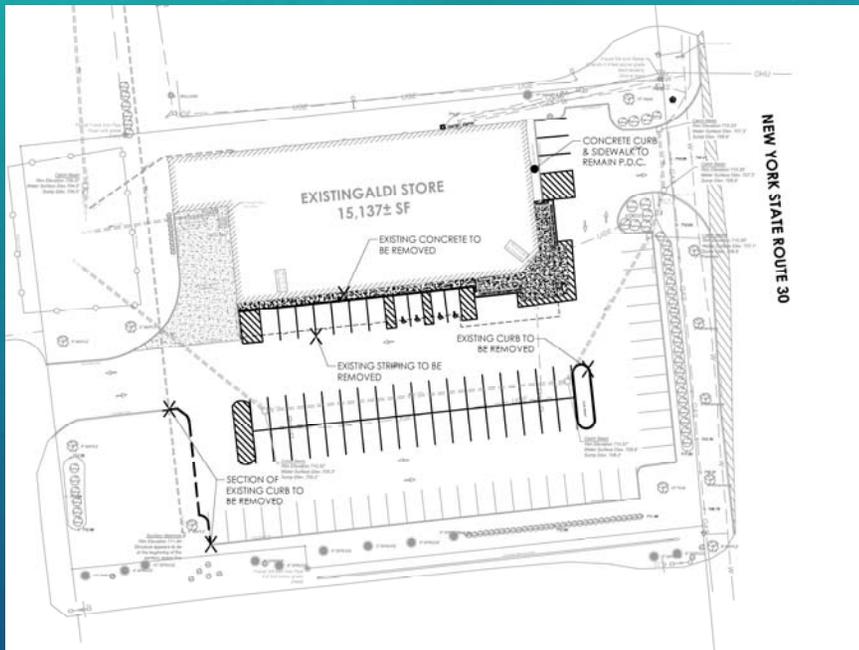
HANNAFORD, CLIFTON PARK, NY – DISCONNECTED PARKING



STEWARTS, COXSACKIE, NY – TYPICAL DETAILS



ALDI EXPANSION, AMSTERDAM, NY – CATCH BASIN REDESIGN TO ACCOMMODATE ACCESSIBLE PARKING



APPROVED A GREAT PLAN FOR ACCESSIBILITY? GREAT! WHAT NEXT?

- Building permits
- Inspection during construction – changes to be reviewed BEFORE installation
- Final inspection
- Maintenance
 - Pavement markings
 - Landscaping
 - Stormwater

KEYS TO ENSURING ACCESSIBILITY THROUGH SITE PLAN REVIEW

- Begin and the beginning – discuss accessibility from sketch plan to final approval
- Include accessibility as a metric in planning decisions as appropriate
- ADA compliant doesn't always result in true accessibility – conduct site visits
- Request topo survey at an appropriate scale and sidewalk profiles and sections as appropriate
- Work with utility and building inspectors and code enforcement to ensure plan compliance
- Consider property maintenance agreements including stormwater, landscaping, paving, signage, and pavement markings