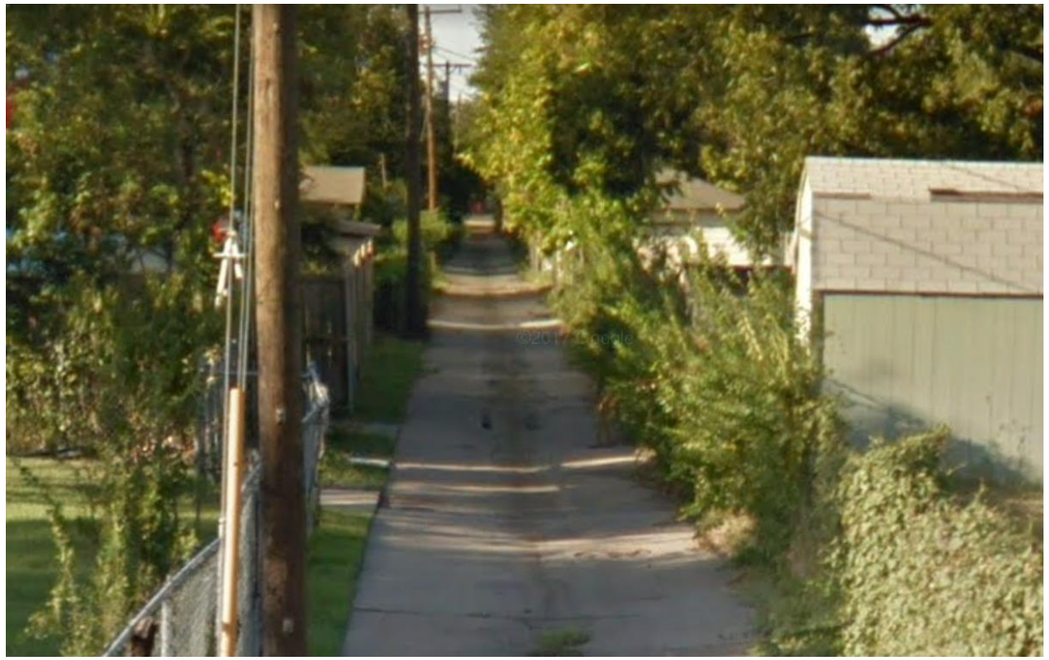
Environmental Waste Services

Alley Relocations



Change to Automated Collections

- Mid 1990's trash collection services changed from manual collection to automated collection - requiring a trash cart to be set at collection point.

- Automated collection trucks require additional clearance space for arm to safely reach out to pick up carts without damaging private property. We need about two feet between the cart and any obstruction.

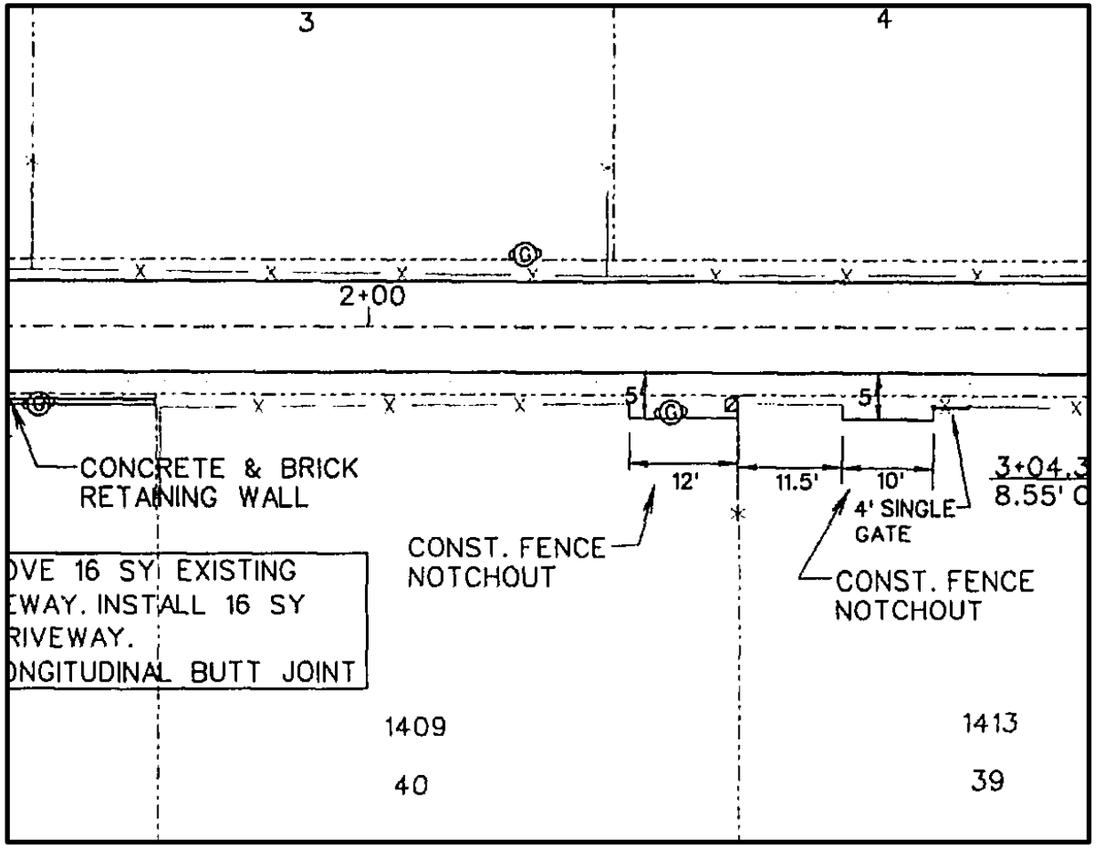
- A few years later recycling collection changed to single stream, adding an additional cart at the collection point, taking up more space.

- Two carts at collection point reduced available space along with bulky and landscape piles, **creating safety and productivity issues in alleys without driveway access.**

Fence Indentions

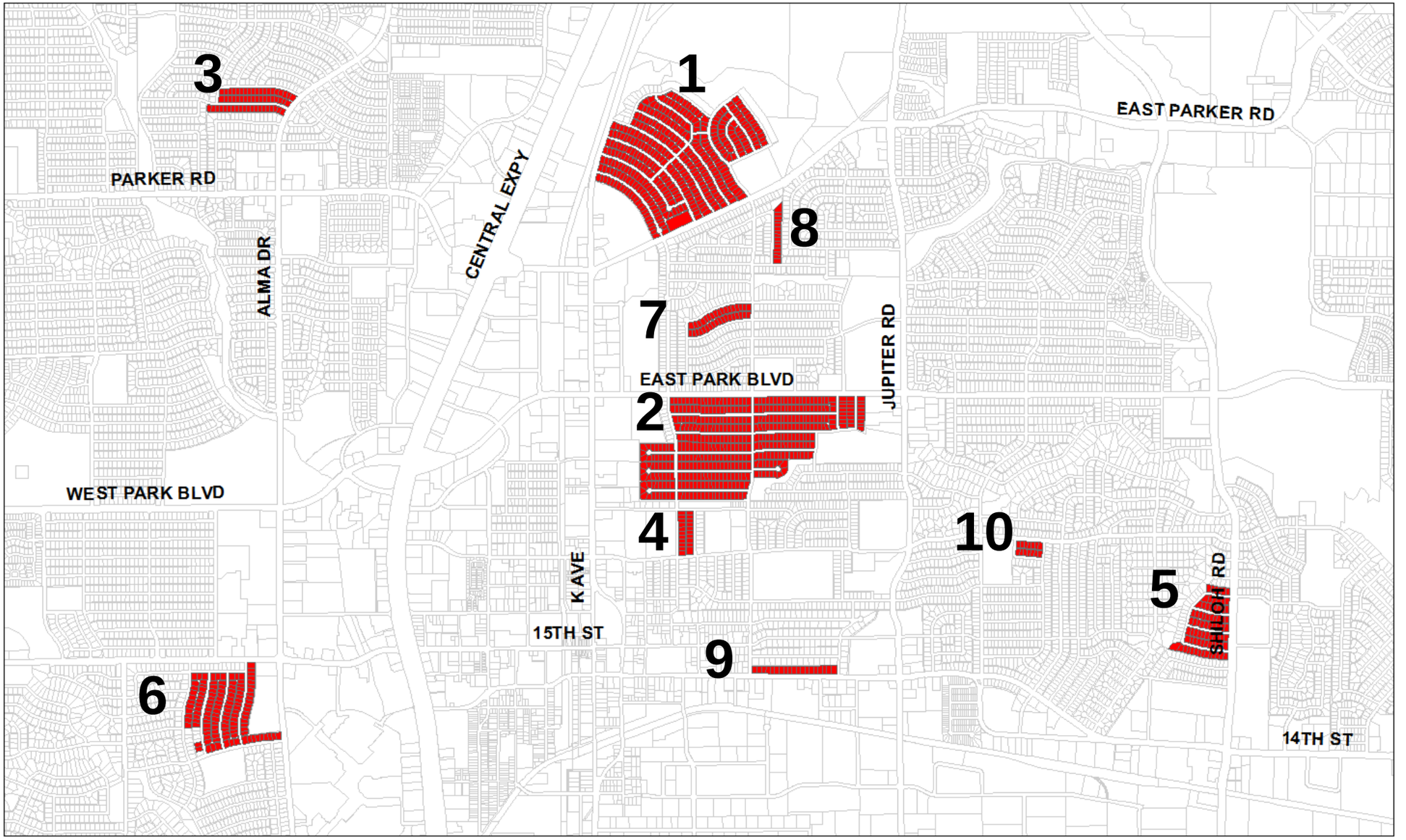
- Residents were offered opportunity to add a specified indention space at City expense in their back fence to create safe clearance for collection of carts.
- Indention required moving fence, landscape & irrigation.
- Less than 10% of residents opted to create this space.
- Without 100% compliance collection issues remained.
- Indentions did not address required space for large brush and bulky piles.
- Low hanging overhead utility wires hazards not resolved with fence indentions. In fact, indentions make this problem worse.




3
4
2+00
5'
5'
CONCRETE & BRICK
RETAINING WALL
12'
11.5'
10'
4' SINGLE
GATE
3+04.3
8.55' C
CONST. FENCE
NOTCHOUT
CONST. FENCE
NOTCHOUT
VE 16 SY EXISTING
WAY. INSTALL 16 SY
RIVEWAY.
NGITUDINAL BUTT JOINT
1409
40
1413
39

Collection Point Relocation

- Collection point definition
  - EWS collection point for residential services is located at the primary driveway location for each residence.
  - Allows for maximum clearance from objects, i.e. fences, gas meters, utility boxes, etc.
- Approximately 15,000 (21%) Plano residents currently have street collection where collection point is at the primary driveway location.
- EWS staff identified ten areas / neighborhoods where collection point is not at primary driveway location and where we have service problems, impacting about 1,100 residents.



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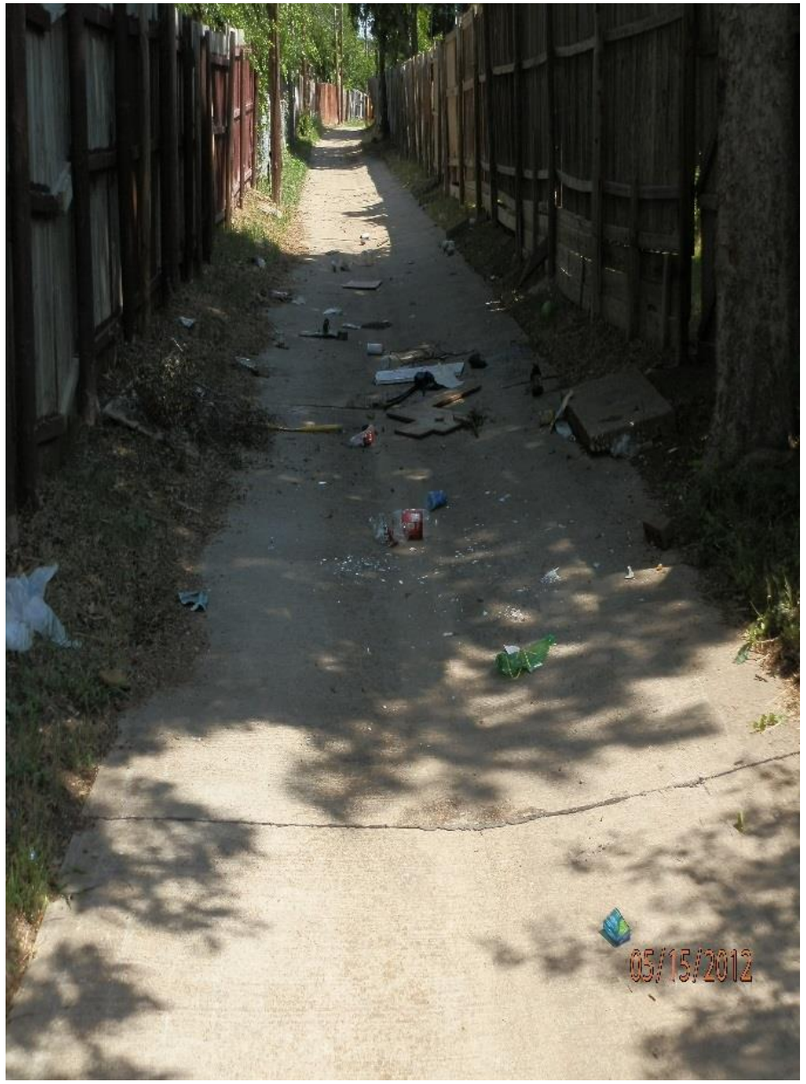
Number	Location	Residents	Status
1	Village Creek	420	Done
2	Williamsburg	336	Done
3	Platt/Pioneer	57	Done
4	N Avenue	16	Done
5	Shorecrest	76	Working On
6	Dallas North	138	No
7	Japonica	21	No
8	Lucas Terrace/Osceola	17	No
9	14th Street	17	No
10	Dale	14	No

829 have been transferred to the front and 283 remain

Safety and productivity Challenges in alley

- Tight clearance for collection trucks
- Automated arm requires additional space for safe and efficient collection
- Large brush and bulky piles blocking safe alley passage
- Trash and recycle carts blocking safe passage due to limited space (no driveway apron to place carts). Carts are 30 inches wide, 35 inches deep and 46 inches high.
- Low hanging overhead utility wires creating hazards
- Utility poles set too close to alley edge

Each of these issues creates safety and productivity challenges for collection drivers requiring drivers to exit truck to clear items blocking safe passage

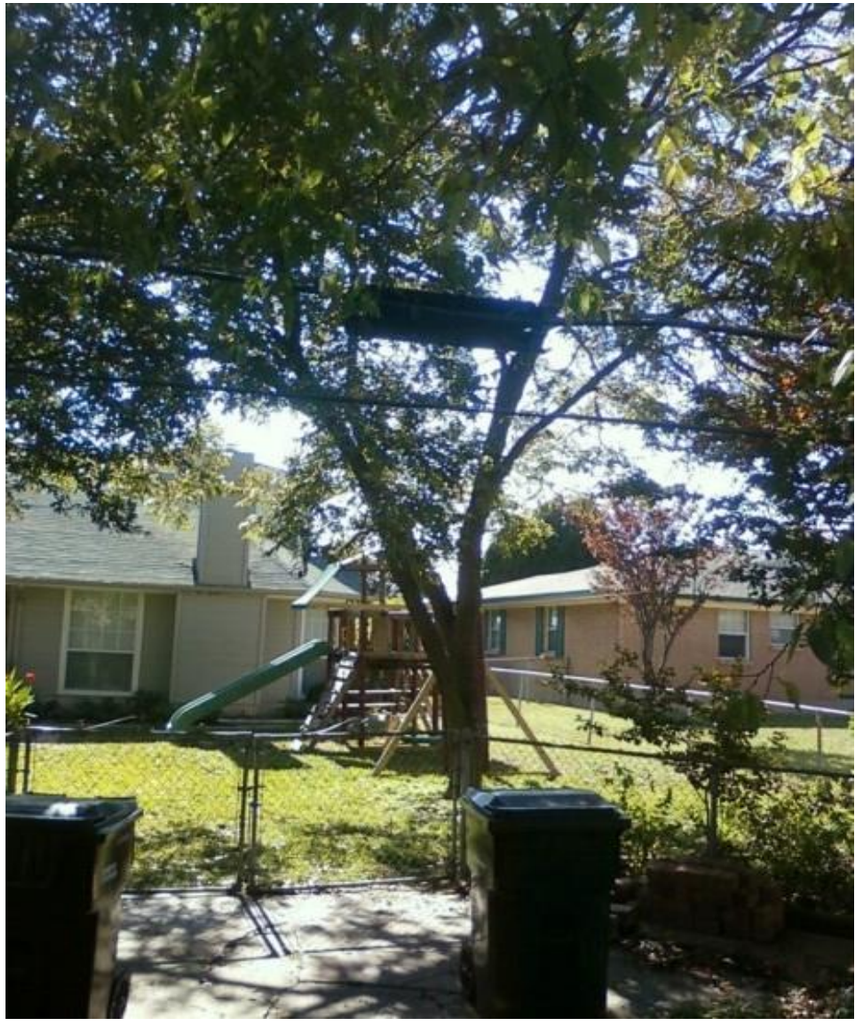






Collection point issues







Collection point issues





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Collection point issues

Questions