

Client: Town of Addison Date: 1/2/18  
 Program: ADA Self-Evaluation and Transition Plan Prepared By: CMP  
 KHA No.: 063543021 Checked By: EPE

Corridor : Brookwood Ln GPS ID: 90019  
 Project Name: Intersection of Brookwood Ln and midblock ramp (Lat. 32.9442; Long. -96.8530)  
 Town: Addison

| Item No.        | Item Description                              | Quantity | Unit | Unit Price  | Item Cost   |
|-----------------|---|----------|------|-------------|-------------|
| TxDOT 110-6001  | EXCAVATION (ROADWAY)                          | 0        | CY   | \$ 10.00    | \$ -        |
| TxDOT 529-6002  | CONC CURB (TY II)                             | 0        | LF   | \$ 15.00    | \$ -        |
| TxDOT 531-6001  | CONC SIDEWALKS (4")                           | 0        | SY   | \$ 45.00    | \$ -        |
| TxDOT 531       | CURB RAMPS                                    | 3        | EA   | \$ 1,500.00 | \$ 4,500.00 |
| TxDOT 5003-6002 | RETROFIT DET WARN SURF (CAST IN PLACE)        | 0        | SF   | \$ 50.00    | \$ -        |
| TxDOT 104-6015  | REMOVING CONC (SIDEWALKS)                     | 8        | SY   | \$ 9.00     | \$ 72.00    |
| TxDOT 677       | ELIM EXT PAVE MRK & MRKS                      | 0        | LF   | \$ 2.80     | \$ -        |
| TxDOT 666/678   | REFL PAV MRK PREP. TY I & TY II (W) 24" (SLD) | 42       | LF   | \$ 8.50     | \$ 357.00   |
| ---             | REPAVE ROADWAY                                | 1        | LS   | \$ 5,000.00 | \$ 5,000.00 |
| ---             | FIX PONDING                                   | 0        | LS   | \$ 2,000.00 | \$ -        |
| ---             | FIX CURB RAMP TRANSITION                      | 1        | LS   | \$ 2,000.00 | \$ 2,000.00 |
| ---             | MEDIAN NOSE MODIFICATION                      | 0        | LS   | \$ 5,000.00 | \$ -        |
| ---             | REMOVE TEMPORARY OBSTRUCTION                  | 0        | LS   | \$ 500.00   | \$ -        |
| ---             | FIX CURB RAMP COUNTER SLOPE                   | 0        | LS   | \$ 2,000.00 | \$ -        |

|   |  |                                   |                  |
|---|--|-----------------------------------|------------------|
| Basis for Cost Projection                               |  | Subtotal: \$                      | 11,929.00        |
| <input checked="" type="checkbox"/> No Design Completed |  | Engineering: (% +/-)              | 20% \$ 2,535.50  |
| <input type="checkbox"/> Preliminary Design             |  | Contingency: (% +/-)              | 20% \$ 2,535.50  |
| <input type="checkbox"/> Final Design                   |  | <b>Estimated Project Cost: \$</b> | <b>17,000.00</b> |

**Project Location**



**Field Observations**

| Intersection Issues   | Crosswalk |     |     |           | Possible Solutions                                     |
|---|-----------|-----|-----|-----------|--|
|   | N         | E   | S   | W         |  |
| Path of travel pavement condition   | N/A       | N/A | N/A | Dangerous | Repave roadway and install crosswalk pavement markings |
| Path of travel running slope is greater than 5%                           | N/A       | N/A | N/A |           |  |
| Path of travel cross slope is greater than 2% for stop control approaches | N/A       | N/A | N/A | N/A       |  |
| Path of travel cross slope is greater than 5% for free-flow approaches    | N/A       | N/A | N/A |           |  |
| Crosswalk width is less than 6'   | N/A       | N/A | N/A | N/A       | Install crosswalk pavement markings                    |
| Crosswalk striping condition  | N/A       | N/A | N/A | None      |  |

| Curb Ramp Issues  | Curb Ramp ID ('z' or 'l' in ramp label indicates no existing ramp) |    |    |    | Possible Solutions   |
|---|--|----|----|----|--|
|   | 1z   | 2z | 3z | 4A |  |
| Curb ramp does not exist and is needed  | X  | X  |    |    | Install curb ramp; if median improvement, see shapefile                              |
| Curb ramp does not land in crosswalk  |  |    |    |    |  |
| No 4' x 4' clear space at base of curb ramp   |  |    |    |    | Remove and replace curb ramp   |
| Curbed side is not 90° or has traversable adjacent surface                            |  |    |    |    |  |
| Flare cross slope is greater than 10%   |  |    |    | X  |  |
| Curb ramp running slope is greater than 8.3%  |  |    |    |    |  |
| Blended transition running slope is greater than 5%                                   |  |    |    |    |  |
| Cut-thru ramp running slope is greater than 5%  |  |    |    |    |  |
| Curb ramp cross slope is greater than 2%  |  |    |    |    |  |
| Cut-thru ramp cross slope is greater than 2%  |  |    |    |    |  |
| Curb ramp width is less than 48"  |  |    |    |    |  |
| Cut-thru ramp width is less than 60"  |  |    |    |    |  |
| Permanent obstruction (>0.25") in curb ramp/landing/flares                            |  |    |    | X  | For intersection, commercial driveway, and park ramps, install color truncated domes |
| Temporary obstruction (>0.25") in curb ramp/landing/flares                            |  |    |    |    |  |
| No textured surface at base of curb ramp  |  |    |    | X  | Fix curb ramp transition   |
| No color contrast at base of curb ramp  |  |    |    |    |  |
| Landing area does not exist and is needed   |  |    |    |    |  |
| Landing area is less than 5' x 5' or slopes greater than 2%                           |  |    |    |    |  |
| Curb ramp transition onto roadway is greater than 0.25"                               |  |    |    | X  |  |
| Counter slope of the gutter or street at the foot of the curb ramp is greater than 5% |  |    |    |    |  |
| Ponding occurs at base of curb ramp   |  |    |    |    |  |

Comment: Existing sidewalk, curb ramp, and/or striping configurations permit pedestrians to cross the major street. An Engineering study is needed to confirm crossing should be accom



Corner 1 No Ramp (1z)



Corner 2 No Ramp (2z)



Corner 3 No Ramp (3z)



Ramp 4A

**Opinion of Probable Construction Cost Disclaimer:**

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

**Project Location Map Sources:**

Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013, DigitalGlobe, GeoEye, i-cubed, USDA, AEX, Getmapping, Aerogrip, IGN, IGP, swisstopo, and the GIS User Community