Kimley-Horn and A					Р	riority: 5
Project Description	n for Unsignalized Intersection					
Client:	Town of Addison					Date: 1/2/18
Program:	ADA Self-Evaluation and Transition Plan				Prepar	ed By: CMP
KHA No.:	063543021				Check	ed By: EPE
Corridor :	Brookwood Ln				G	PS ID: 281
Project Name:	Intersection of Brookwood Ln and Dove Ct					
Town:	Addison					
Item No.	Item Description	Quantity	Unit	Unit Price		Item Cost
TxDOT 110-6001	EXCAVATION (ROADWAY)	0	CY	\$ 10.0) \$	-
TxDOT 529-6002	CONC CURB (TY II)	0	LF	\$ 15.0) \$	-
TxDOT 531-6001	CONC SIDEWALKS (4")	0	SY	\$ 45.0) \$	-
	CURB RAMPS	5	EA	\$ 1,500.0) \$	7,500.00
TxDOT 5003-6002	RETROFIT DET WARN SURF (CAST IN PLACE)	0	SF	\$ 50.0) \$	-
TxDOT 104-6015	REMOVING CONC (SIDEWALKS)	15	SY	\$ 9.0) \$	135.00
	ELIM EXT PAVE MRK & MRKS	0	LF	\$ 2.8) \$	-
TxDOT 666/678	REFL PAV MRK PREP, TY I & TY II (W) 24"(SLD)	262	LF	\$ 8.5) \$	2,227.00
	REPAVE ROADWAY	3	LS	\$ 5,000.0) \$	15,000.00
	FIX PONDING	0	LS	\$ 2,000.0) \$	-
	FIX CURB RAMP TRANSITION	2	LS	\$ 2,000.0) \$	4,000.00
	MEDIAN NOSE MODIFICATION	0	LS LS	\$ 5,000.0		-
	REMOVE TEMPORARY OBSTRUCTION	0	LS	\$ 500.0) \$	-
	FIX CURB RAMP COUNTER SLOPE	2	LS	\$ 2,000.0		4,000.00
Basis for Cost Proje				Subtota		32,862.00
	☑ No Design Completed			3 . 3 ()	%\$	7,069.00
	Preliminary Design		(%\$	7,069.00
	Final Design			Estimated Project Cos	t:\$	47,000.00

Project Location



Field Observations

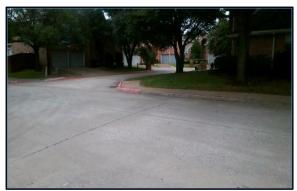
Intersection Issues		Cros	swalk		Possible Solutions	
		E	S	W	Possible Solutions	
Path of travel pavement condition	Good	Poor	N/A	Poor		
Path of travel running slope is greater than 5%			N/A]	
Path of travel cross slope is greater than 2% for stop control approaches	х	N/A	N/A	N/A	Repave roadway and install crosswalk pavement markings	
Path of travel cross slope is greater than 5% for free-flow approaches	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	None	None	N/A	None	Though Crosswark pavement markings	

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

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 accomm



Ramp 1A



Corner 3 No Ramp (3z)



Ramp 2A



Corner 4 No Ramp (4z)

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