Kimley-Horn and Associates, Inc. Project Description for Unsignalized Intersection Priority: 5

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

Brookwood Ln Intersection of Brookwood Ln and Ponder Ct Corridor : Project Name: Town: GPS ID: 277 Addison

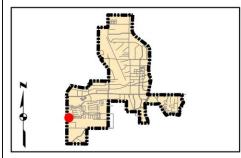
Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost
TxDOT 110-6001	EXCAVATION (ROADWAY)	0	CY	\$ 10.00	\$ -
TxDOT 529-6002	CONC CURB (TY II)	0	LF	\$ 15.00	\$ -
TxDOT 531-6001	CONC SIDEWALKS (4")	0	SY	\$ 45.00	\$ -
	CURB RAMPS	6	EA	\$ 1,500.00	\$ 9,000.00
TxDOT 5003-6002	RETROFIT DET WARN SURF (CAST IN PLACE)	0	SF	\$ 50.00	\$ -
TxDOT 104-6015	REMOVING CONC (SIDEWALKS)	15	SY	\$ 9.00	\$ 135.00
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)	249	LF	\$ 8.50	\$ 2,116.50
	REPAVE ROADWAY	3	LS	\$ 5,000.00	\$ 15,000.00
	FIX PONDING	0	LS	\$ 2,000.00	\$ -
	FIX CURB RAMP TRANSITION	2	LS	\$ 2,000.00	\$ 4,000.00
	MEDIAN NOSE MODIFICATION	0	LS	\$ 5,000.00	\$ -
	REMOVE TEMPORARY OBSTRUCTION	0	LS	\$ 500.00	\$ -
	FIX CURB RAMP COUNTER SLOPE	1	LS	\$ 2,000.00	\$ 2,000.00
Basis for Cost Proje	ection		Subtotal:	\$ 32,251.50	

✓ No Design Completed✓ Preliminary Design

☐ Final Design

Engineering: (% +/-) Contingency: (% +/-) 20% \$ 20% \$ 6,874.25 6,874.25 **46,000.00** Estimated Project Cost:

Project Location







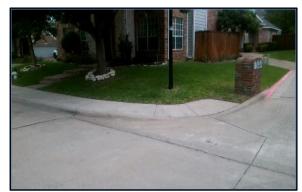
Field Observations

Intersection Issues		Cros	swalk		Possible Solutions	
		E	S	W	Possible Solutions	
Path of travel pavement condition	Good	Good	N/A	Good		
Path of travel running slope is greater than 5%		X	N/A	X		
Path of travel cross slope is greater than 2% for stop control	Х	N/A	N/A	N/A	Repave roadway and install crosswalk pavement markings	
approaches		ļ	ļ	ļ		
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	N/A	None	mistali crosswaik pavement markings	

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

Photographs

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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