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

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 : Project Name: GPS ID: 268 Les Lacs Ave Intersection of Les Lacs Ave and Waterford Dr 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")	12	SY	\$	45.00	\$ 540.00
TxDOT 531	CURB RAMPS	6	EA	\$	1,500.00	\$ 9,000.00
	RETROFIT DET WARN SURF (CAST IN PLACE)	0	SF	\$	50.00	\$ -
TxDOT 104-6015	REMOVING CONC (SIDEWALKS)	26	SY	\$	9.00	\$ 234.00
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)	261	LF	\$	8.50	\$ 2,218.50
	REPAVE ROADWAY	2	LS	\$	5,000.00	\$ 10,000.00
	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	[0]	LS	: \$	2,000.00	\$ -

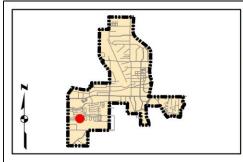
Basis for Cost Projection

Mo Design Completed
Preliminary Design

☐ Final Design

Subtotal: \$
20% \$
20% \$ 25,992.50 Engineering: (% +/-) Contingency: (% +/-) 5,503.75 5,503.75 Estimated Project Cost: 37,000.00

Project Location



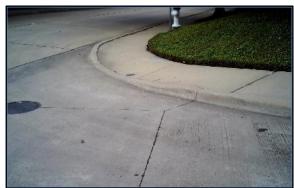




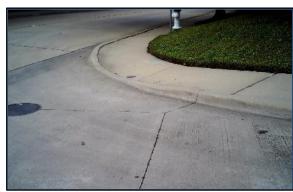
Field Observations

Intersection Issues	Crosswalk				Possible Solutions	
intersection issues	N	E	S	W	Possible Solutions	
Path of travel pavement condition	Dangerous	Poor	N/A	Good		
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	install crosswalk pavement markings	

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



Ramp 1A



Ramp 2A



Corner 3 No Ramp (3z)



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