City of Norman ADA Self-Evaluation and Transition Plan Unsignalized Intersection Cost Projection Summary - Parks 4/30/2018

GPS ID	Project Name	Co	ost Projection	Priority
2000	Intersection of Andrews Park and W Daws St	\$	10,000	2
2001	Intersection of Andrews Park and W Daws St	\$	15,000	2
2002	Intersection of Andrews Park and N Park Ave	\$	8,000	2
2003	Intersection of Andrews Park and N James Garner Ave	\$	39,000	2
90000	Intersection of Andrews Park and parking lot (Lat.35.2237; Long97.4486)	\$	9,000	2
90001	Intersection of Andrews Park and parking lot (Lat.35.2238; Long97.4489)	\$	2,000	3
90002	Intersection of Andrews Park and N Park Ave	\$	2,000	3
90004	Intersection of Andrews Park and parking lot (Lat.35.2235; Long97.4491)	\$	8,000	2
90015	Intersection of Lions Park and parking lot (Lat.35.2138; Long97.4543)	\$	11,000	2
90016	Intersection of Lions Park and Pickard Ave	\$	22,000	2
90017	Intersection of Westwood Park and parking lot (Lat.35.2318; Long97.4778)	\$	7,000	2
90018	Intersection of Westwood Park and parking lot (Lat.35.2313; Long97.4776)	\$	5,000	2
90019	Intersection of Westwood Park and parking lot (Lat.35.2311; Long97.4776)	\$	4,000	2
90105	Intersection of Westwood Park and parking lot (Lat. 35.231; Long97.4777)	\$	1,000	9
90106	Intersection of Westwood Park and parking lot (Lat. 35.2308; Long97.4779)	\$	-	Compliant
90107	Intersection of Westwood Park and parking lot (Lat. 35.2308; Long97.478)	\$	1,000	9
	TOTAL	\$	144,000	

City of Norman ADA Self-Evaluation and Transition Plan 061298800 Date: 4/30/18 Client: Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: Andrews Park GPS ID: 2000 Intersection of Andrews Park and W Daws St Norman

Item No.	Item Description	Quantity	Unit	l	Init Price	Item Cost
ODOT 202(A)-0	183 Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0	300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0	602 4" Concrete Sidewalk	7	SY	\$	50.00 \$	350.00
ODOT 610(I)-46	610 Tactile Warning Device - New	0	SF	\$	25.00 \$	-
ODOT 610(I)-46	615 Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4	792 Removal of Sidewalk	6	SY	\$	12.00 \$	72.00
ODOT 857(F)-8	006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
	Crosswalk Pavement Markings	52	LF	\$	6.00 \$	312.00
	Repave Roadway	0	LS	\$	5,000.00 \$	-
	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 Fix Curb Ramp Counter Slope	0	LS	\$	500.00 \$	-
	Fix Curb Ramp Counter Slope	i 1	LS	\$	2,000.00 \$	2,000.00
Basis for Cost P	roiection				Subtotal: \$	6.734.00

No Design Completed

Preliminary Design

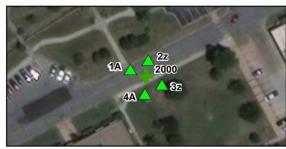
Final Design

Engineering: (% +/-)
Contingency: (% +/-) 15% \$ 20% \$ 1,399.71 1,866.29 Estimated Project 10,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions
Intersection issues	N	E	S	W	Possible Solutions
Path of travel pavement condition	N/A	N/A	N/A	Good	
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	mistali crosswaik pavement markings

	Curk	Ram	o ID ('z	' or ' <i>i</i> ' i	n ramp label indicates no	
Curb Ramp Issues		existing ramp)			g ramp)	Possible Solutions
	1A	2z	3 <i>z</i>	4A		
Curb ramp does not exist and is needed	<u> </u>					
Curb ramp does not land in crosswalk	_i	Ĺ	<u> </u>	<u>i</u>		
No 4' x 4' clear space at base of curb ramp						
Curbed side is not 90° or has traversable adjacent surface						
Flare cross slope is greater than 10%						
Curb ramp running slope is greater than 8.3%				İ		
Blended transition running slope is greater than 5%	T	[[]		
Cut-thru ramp running slope is greater than 5%	T	[Ī	Ī		
Curb ramp cross slope is greater than 2%	T		I]		
Cut-thru ramp cross slope is greater than 2%	I					
Curb ramp width is less than 48"	Ī		Ī			
Cut-thru ramp width is less than 60"		[Ī]		
Permanent obstruction (>0.25") in curb ramp/landing/flares	I]		
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>		<u> </u>			
No textured surface at base of curb ramp		<u> </u>	<u> </u>	<u> </u>		
No color contrast at base of curb ramp			<u> </u>	<u> </u>		
Landing area does not exist and is needed	<u> </u>	ļ	<u> </u>	 		
Landing area is less than 5' x 5' or slopes greater than 2%	X	ļ	<u> </u>	X		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	X	ļ	<u> </u>	X		Fix curb ramp transition
Counter slope of the gutter or street at the foot of the curb ramp is	х		1	1		Fix curb ramp counter slope
greater than 5%	^		<u> </u>	<u> </u>		1 1X out turns oouthor stope
Ponding occurs at base of curb ramp	T	[Ī]		



Ramp 1A



Corner 3 No Ramp (3z)



Corner 2 No Ramp (2z)



Ramp 4A

Opinion of Probable Construction Cost Disclaimer:

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Date: 4/30/18 Prepared By: CMP Checked By: EPE City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Program: KHA No.:

Corridor : Project Name: City: Andrews Park GPS ID: 2001 Intersection of Andrews Park and W Daws St Norman

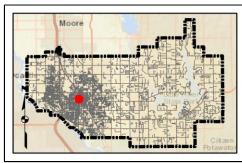
Item No. Item Description	Quantity	Unit	Unit Price	Item Cost
ODOT 202(A)-0183 Unclassified Excavation	0	CY	\$ 5.50	\$ -
ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral)	0	LF	\$ 7.00	\$ -
ODOT 610(A)-0602 4" Concrete Sidewalk	15	SY	\$ 50.00	\$ 750.00
ODOT 610(I)-4610 Tactile Warning Device - New	20	SF	\$ 25.00	\$ 500.00
ODOT 610(I)-4615 Tactile Warning Device - Retrofit	0	SF	\$ 60.00	\$ -
ODOT 619(B)-4792 Removal of Sidewalk	21	SY	\$ 12.00	\$ 252.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$ 0.25	\$ -
Crosswalk Pavement Markings	50	LF	\$ 6.00	\$ 300.00
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	1	LS	\$ 2,000.00	\$ 2,000.00
Basis for Cost Projection			Subtotal:	\$ 10,802.00

☑ No Design Completed☑ Preliminary Design

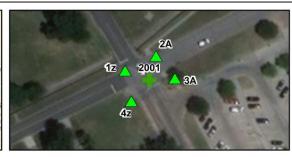
Final Design

Engineering: (% +/-) 15% \$
Contingency: (% +/-) 20% \$
Estimated Project Cost: \$ 1,799.14 2,398.86 **15,000.00**

Project Location







Intersection Issues		Cros	swalk		Possible Solutions	
Intersection issues	N	E	S	W	Possible Solutions	
Path of travel pavement condition	N/A	Poor	N/A	N/A	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		
Path of travel cross slope is greater than 5% for free-flow approaches	N/A	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	None	N/A	N/A	mistali crosswaik pavement markings	

Curb Ramp Issues	Curb Ramp ID ('z' or 'i' in ramp label indicates no existing ramp) 1z 2A 3A 4z				Possible Solutions		
Curb ramp does not exist and is needed	12	ZA	5A	42			
Curb ramp does not land in crosswalk	İ		<u> </u>				
No 4' x 4' clear space at base of curb ramp	1		i				
Curbed side is not 90° or has traversable adjacent surface		Χ	Х				
Flare cross slope is greater than 10%	[·				
Curb ramp running slope is greater than 8.3%			Х				
Blended transition running slope is greater than 5%							
Cut-thru ramp running slope is greater than 5%			Ī		Remove and replace curb ramp		
Curb ramp cross slope is greater than 2%			[Remove and replace curb famp		
Cut-thru ramp cross slope is greater than 2%	[[
Curb ramp width is less than 48"	T		[
Cut-thru ramp width is less than 60"			[
Permanent obstruction (>0.25") in curb ramp/landing/flares							
Temporary obstruction (>0.25") in curb ramp/landing/flares	ļ		<u> </u>				
No textured surface at base of curb ramp	<u> </u>	Χ	X		For intersection, commercial driveway, and park ramps, install		
No color contrast at base of curb ramp	ļ	Χ	X		color truncated domes		
Landing area does not exist and is needed	ļ			 			
Landing area is less than 5' x 5' or slopes greater than 2%	ļ	X	X	<u> </u>	Remove and replace landing area		
Curb ramp transition onto roadway is greater than 0.25"	ļ		Х		Fix curb ramp transition		
Counter slope of the gutter or street at the foot of the curb ramp is			Х		Fix curb ramp counter slope		
greater than 5%	<u> </u>		^		i ix out rump counter stope		
Ponding occurs at base of curb ramp							



Corner 1 No Ramp (1z)



Ramp 3A



Ramp 2A



Corner 4 No Ramp (4z)

Opinion of Probable Construction Cost Disclaimer:

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Date: 4/30/18 Client: City of Norman ADA Self-Evaluation and Transition Plan 061298800 Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: Andrews Park GPS ID: 2002 Intersection of Andrews Park and N Park Ave Norman

Item No. Iter	n Description	Quantity	Unit	L	Init Price	Item Cost
ODOT 202(A)-0183 Uni		0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Co	ncrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" (Concrete Sidewalk	8	SY	\$	50.00 \$	400.00
ODOT 610(I)-4610 Tac	tile Warning Device - New	10	SF	\$	25.00 \$	250.00
ODOT 610(I)-4615 Tag	ctile Warning Device - Retrofit	10	SF	\$	60.00 \$	600.00
ODOT 619(B)-4792 Rei		10	SY	\$	12.00 \$	120.00
ODOT 857(F)-8006 Pay	vement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
	sswalk Pavement Markings	52	LF	\$	6.00 \$	312.00
Re	oave Roadway	0	LS	\$	5,000.00 \$	-
Fix	Ponding	0	LS	\$	2,000.00 \$	-
Fix	Curb Ramp Transition	1	LS	\$	2,000.00 \$	2,000.00
Me	dian Nose Modification	0	LS	\$	5,000.00 \$	-
Rei	nove Temporary Obstruction Curb Ramp Counter Slope	0	LS	\$	500.00 \$	-
Fix	Curb Ramp Counter Slope	1 1	LS	i \$	2,000.00 \$	2,000.00
Basis for Cost Projection	1				Subtotal: \$	5,682.00

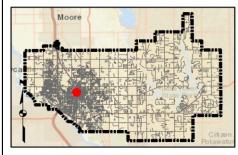
☑ No Design Completed

Preliminary Design

Final Design

Engineering: (% +/-)
Contingency: (% +/-) 15% \$ 20% \$ 993.43 1,324.57 Estimated Project 8,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions
intersection issues	N	E	S	W	Possible Solutions
Path of travel pavement condition	Good	N/A	N/A	N/A	
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	None	N/A	N/A	N/A	mistali crosswalk pavement markings

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



Ramp 1A



Corner 3 No Ramp (3z)



Ramp 2A



Corner 4 No Ramp (4z)

Opinion of Probable Construction Cost Disclaimer:

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Date: 4/30/18 Client: City of Norman ADA Self-Evaluation and Transition Plan 061298800 Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: GPS ID: 2003 Andrews Park Intersection of Andrews Park and N James Garner Ave Norman

Item No.	Item Description	Quantity	Unit		Unit Price	Item Cost
ODOT 202(A)-0183	Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300	Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
	4" Concrete Sidewalk	50	SY	\$	50.00 \$	2,500.00
ODOT 610(I)-4610	Tactile Warning Device - New	60	SF	\$	25.00 \$	1,500.00
	Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792	Removal of Sidewalk	50	SY	\$	12.00 \$	600.00
ODOT 857(F)-8006	Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
	Crosswalk Pavement Markings	184	LF	\$	6.00 \$	1,104.00
	Repave Roadway	3	LS	\$	5,000.00 \$	15,000.00
	Fix Ponding	1	LS	\$	2,000.00 \$	2,000.00
	Fix Curb Ramp Transition	3	LS	\$	2,000.00 \$	6,000.00
	Median Nose Modification	Ö	LS	\$	5,000.00 \$	-
	Remove Temporary Obstruction	<u>0</u>	LS	\$	500.00 \$	-
	Fix Curb Ramp Counter Slope	1 0	LS	1 \$	2,000.00 \$	-

Basis for Cost Projection

No Design Completed
 Preliminary Design
 Final Design

Subtotal: \$ 15% \$ 20% \$ 28,704.00 4,412.57 Engineering: (% +/-) Contingency: (% +/-) 5,883.43 Estimated P 39,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions	
Intersection issues	N	E	S	W	1 OSSIDIC COIGIOTIS	
Path of travel pavement condition	N/A	Dangerous	Dangerous	Dangerous		
Path of travel running slope is greater than 5%	N/A					
Path of travel cross slope is greater than 2% for stop control	N/A	N/A	Х	N/A	Repave roadway and install crosswalk pavement markings	
approaches		<u>i</u>	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	<u> </u>	N/A	N/A	Install crosswalk pavement markings	
Crosswalk striping condition	N/A	Good	None	None	mistali crosswaik pavement markings	

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



Corner 1 No Ramp (1z)



Ramp 3A



Ramp 4A



Ramp 2A



Ramp 3B



Ramp 4B

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Date: 4/30/18 Client: Prepared By: CMP Checked By: EPE Program: KHA No.:

GPS ID: 90000 Corridor : Project Name: City: Andrews Park Intersection of Andrews Park and parking lot (Lat.35.2237; Long.-97.4486)

Norman

Item No. Ite	em Description	Quantity	Unit	Unit	Price	Item Cost
ODOT 202(A)-0183 Ui	nclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Co	oncrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4"	' Concrete Sidewalk	21	SY	\$	50.00 \$	1,050.00
ODOT 610(I)-4610 Ta	actile Warning Device - New	20	SF	\$	25.00 \$	500.00
ODOT 610(I)-4615 Ta	actile Warning Device - Retrofit	10	SF	\$	60.00 \$	600.00
ODOT 619(B)-4792 Re	emoval of Sidewalk	10	SY	\$	12.00 \$	120.00
ODOT 857(F)-8006 Pa	avement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
C	rosswalk Pavement Markings	0	LF	\$	6.00 \$	-
R	epave Roadway	0	LS	\$	5,000.00 \$	-
Fi	ix Ponding	0	LS	\$	2,000.00 \$	-
Fi	ix Curb Ramp Transition	2	LS	\$	2,000.00 \$	4,000.00
	ledian Nose Modification	0	LS	\$	5,000.00 \$	-
R	emove Temporary Obstruction	0	LS	\$	500.00 \$	-
[Fi	x Curb Ramp Counter Slope	0	LS	\$	2,000.00 \$	-
Basis for Cost Projection					Subtotal: \$	6,270.00
\square	No Design Completed			Engineering: (% +/-)		1,170.00
				Contingency: (% +/-)		1,560.00
	Final Design			Estimated P	roject Cost: \$	9,000.00

Project Location







Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

Curb Ramp Issues	Curb	Ramp			n ramp label indicates no	Possible Solutions			
	1 <i>z</i>	2 <i>z</i>	ЗА	4A	, ·-····				
Curb ramp does not exist and is needed	1	Χ		İ		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									
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%	Ī								
Blended transition running slope is greater than 5%									
Cut-thru ramp running slope is greater than 5%	T			[Remove and replace curb ramp			
Curb ramp cross slope is greater than 2%	Ι		Х			Tremove and replace curb ramp			
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	Ī		Х						
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>			 					
No textured surface at base of curb ramp	<u> </u>		Χ	Х		For intersection, commercial driveway, and park ramps, install			
No color contrast at base of curb ramp	<u> </u>		X	X		color truncated domes			
Landing area does not exist and is needed				ļ ₋					
Landing area is less than 5' x 5' or slopes greater than 2%	<u> </u>			X		Remove and replace landing area			
Curb ramp transition onto roadway is greater than 0.25"	.		Х	X		Fix curb ramp transition			
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	Ī			i					

Photographs



Corner 1 No Ramp (1z)



Ramp 3A



Corner 2 No Ramp (2z)



Ramp 4A

Opinion of Probable Construction Cost Disclaimer:

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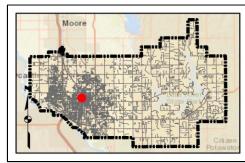
City of Norman ADA Self-Evaluation and Transition Plan 061298800 Date: 4/30/18 Client: Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: Andrews Park GPS ID: 90001 Intersection of Andrews Park and parking lot (Lat.35.2238; Long.-97.4489)

Norman

Item No. Item Description		Quantity	Unit	Uı	nit Price	Item Cost
ODOT 202(A)-0183 Unclassified Excavation	1	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete Curb (6" Barri	er-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concrete Sidewalk		11	SY	\$	50.00 \$	550.00
ODOT 610(I)-4610 Tactile Warning Device		10	SF	\$	25.00 \$	250.00
ODOT 610(I)-4615 Tactile Warning Device	- Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Removal of Sidewalk		0	SY	\$	12.00 \$	-
ODOT 857(F)-8006 Pavement Marking Ren	noval (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswalk Pavement M	larkings	0	LF	\$	6.00 \$	-
Repave Roadway		0	LS	\$	5,000.00 \$	-
Fix Ponding		0	LS	\$	2,000.00 \$	-
Fix Curb Ramp Transiti	on	0	LS	\$	2,000.00 \$	-
Median Nose Modificati		Ö	LS	\$	5,000.00 \$	-
Remove Temporary Ob Fix Curb Ramp Counter	struction	<u>0</u>	LS	\$	500.00 \$	-
	· Slope	0	LS	\$	2,000.00 \$	-
Basis for Cost Projection					Subtotal: \$	800.00
✓ No Design Comple				ineering: (% +		514.29
Preliminary Design			Cor	ntingency: (% +		685.71
Final Design				Estimated	Project Cost: \$	2,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions
intersection issues	N	E	S	W	Fossible Solutions
Path of travel pavement condition					
Path of travel running slope is greater than 5%					
Path of travel cross slope is greater than 2% for stop control					
approaches	All di	riveway path o	f travel issue	es and possible	solutions provided in driveway shapefile (TRPEDDRV)
	, a.			o ana poconono	columnic provided in directly onlapsing (11th 255111)
Path of travel cross slope is greater than 5% for free-flow approaches					
Crosswalk width is less than 6'					
Crosswalk striping condition					

	Curb Ramp ID ('z' or 'i' in ramp label indicates no	
Curb Ramp Issues	existing ramp)	Possible Solutions
	1 <i>z</i>	
Curb ramp does not exist and is needed	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		
Curbed side is not 90° or has traversable adjacent surface		
Flare cross slope is greater than 10%		
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		
Temporary obstruction (>0.25") in curb ramp/landing/flares		
No textured surface at base of curb ramp		
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"		
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		

GPS ID:

90001



Corner 1 No Ramp (1z)

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Date: 4/30/18 Client: Prepared By: CMP Checked By: EPE Program: KHA No.:

Andrews Park Corridor : Project Name: City: GPS ID: 90002 Intersection of Andrews Park and N Park Ave Norman

Item No. Item Description		Quantity	Unit	Uni	t Price	Item Cost
ODOT 202(A)-0183 Unclassified Excavation		0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete Curb (6" Barrier-In	egral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concrete Sidewalk		11	SY	\$	50.00 \$	550.00
ODOT 610(I)-4610 Tactile Warning Device - Ne		10	SF	\$	25.00 \$	250.00
ODOT 610(I)-4615 Tactile Warning Device - Re	rofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Removal of Sidewalk		0	SY	\$	12.00 \$	-
ODOT 857(F)-8006 Pavement Marking Removal	(Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswalk Pavement Markin	gs	42	LF	\$	6.00 \$	252.00
Repave Roadway		0	LS	\$	5,000.00 \$	-
Fix Ponding		0	LS	\$	2,000.00 \$	-
Fix Curb Ramp Transition		0	LS	\$	2,000.00 \$	-
Median Nose Modification		0	LS	\$	5,000.00 \$	-
Remove Temporary Obstruc Fix Curb Ramp Counter Slop	tion	0	LS	\$	500.00 \$	-
Fix Curb Ramp Counter Slop	e	0	LS	\$	2,000.00 \$	-
Basis for Cost Projection					Subtotal: \$	1,052.00
☑ No Design Completed				ingineering: (% +/-		406.29
Preliminary Design			C	Contingency: (% +/-		541.71
Final Design				Estimated I	Project Cost: \$	2,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions
Intersection issues	N	E	S	W	Possible Solutions
Path of travel pavement condition	Good	N/A	N/A	N/A	
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	
Path of travel cross slope is greater than 5% for free-flow approaches	N/A	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	None	N/A	N/A	N/A	mistali crosswaik pavement markings

	Curb	Ram		or 'i' in ramp label ir	ndicates no	
Curb Ramp Issues				existing ramp)		P
	1 <i>z</i>	2z	3 <i>z</i>	4z		
Curb ramp does not exist and is needed	i i	Χ	İ	ii	Install curb ramp	; if medi
Curb ramp does not land in crosswalk			Ī			
No 4' x 4' clear space at base of curb ramp						
Curbed side is not 90° or has traversable adjacent surface			Ī			
Flare cross slope is greater than 10%			[<u> </u>		
Curb ramp running slope is greater than 8.3%	T		Ţ			
Blended transition running slope is greater than 5%						
Cut-thru ramp running slope is greater than 5%	T		Ţ			
Curb ramp cross slope is greater than 2%	T		[
Cut-thru ramp cross slope is greater than 2%	T					
Curb ramp width is less than 48"			Ī			
Cut-thru ramp width is less than 60"]		
Permanent obstruction (>0.25") in curb ramp/landing/flares	1					
Temporary obstruction (>0.25") in curb ramp/landing/flares			<u> </u>	<u> </u>		
No textured surface at base of curb ramp	<u> </u>		<u> </u>	<u> </u>		
No color contrast at base of curb ramp			<u> </u>	<u> </u>		
Landing area does not exist and is needed			<u> </u>	ļ		
Landing area is less than 5' x 5' or slopes greater than 2%			 			
Curb ramp transition onto roadway is greater than 0.25"			 	ļ		
Counter slope of the gutter or street at the foot of the curb ramp is			!			
greater than 5%			<u> </u>	ļ		
Ponding occurs at base of curb ramp			į			



Corner 1 No Ramp (1z)



Corner 3 No Ramp (3z)



Corner 2 No Ramp (2z)



Corner 4 No Ramp (4z)

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: Andrews Park GPS ID: 90004 Intersection of Andrews Park and parking lot (Lat.35.2235; Long.-97.4491)

Norman

Item No. Item Description	Quantity	Unit		Unit Price	Item Cost
ODOT 202(A)-0183 Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concrete Sidewalk	11	SY	\$	50.00 \$	550.00
ODOT 610(I)-4610 Tactile Warning Device - New	10	SF	\$	25.00 \$	250.00
ODOT 610(I)-4615 Tactile Warning Device - Retrofit	10	SF	\$	60.00 \$	600.00
ODOT 619(B)-4792 Removal of Sidewalk	12	SY	\$	12.00 \$	144.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswalk Pavement Markings	0	LF	\$	6.00 \$	-
Repave Roadway	0	LS	\$	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	1	LS	 \$	2,000.00 \$	2,000.00
Basis for Cost Projection				Subtotal: \$	5.544.00

No Design Completed
 Preliminary Design
 Final Design

Engineering: (% +/-) 15% \$
Contingency: (% +/-) 20% \$
Estimated Project Cost: \$ 1,052.57 1,403.43 **8,000.00**

Project Location







Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

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

GPS ID:

90004







Ramp 2A

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: Lions Park GPS ID: 90015 Intersection of Lions Park and parking lot (Lat.35.2138; Long.-97.4543)

Norman

Item No. Item Description	Quantity	Unit	Unit P	rice	Item Cost
ODOT 202(A)-0183 Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concrete Sidewalk	15	SY	\$	50.00 \$	750.00
ODOT 610(I)-4610 Tactile Warning Device - New	20	SF	\$	25.00 \$	500.00
ODOT 610(I)-4615 Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Removal of Sidewalk	24	SY	\$	12.00 \$	288.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswalk Pavement Markings	0	LF	\$	6.00 \$	-
Repave Roadway	0	LS	\$	5,000.00 \$	-
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 Fix Curb Ramp Counter Slope	Q Q	LS	\$	500.00 \$	-
	1 1	LS	\$	2,000.00 \$	2,000.00
Basis for Cost Projection				Subtotal: \$	7,538.00
✓ No Design Completed			ineering: (% +/-)	15% \$	1,483.71
☐ Preliminary Design		Con	ntingency: (% +/-)	20% \$	1,978.29
☐ Final Design			Estimated Pro	ject Cost: \$	11,000.00

Project Location







Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

Curb Ramp Issues	Curb	Ramp	DID ('z' or 'i' in ramp label indicates no existing ramp)	Possible Solutions
Outs Namp issues	ЗА	4A	existing ramp)	1 ossible dolutions
Curb ramp does not exist and is needed	į.			
Curb ramp does not land in crosswalk	T			
No 4' x 4' clear space at base of curb ramp	[
Curbed side is not 90° or has traversable adjacent surface	Х	Х		
Flare cross slope is greater than 10%	Ţ			
Curb ramp running slope is greater than 8.3%	Ī			
Blended transition running slope is greater than 5%	Ţ			
Cut-thru ramp running slope is greater than 5%	Ī			Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	I	Х		Tremove and replace curb famp
Cut-thru ramp cross slope is greater than 2%				
Curb ramp width is less than 48"	Ī			
Cut-thru ramp width is less than 60"	Ī			
Permanent obstruction (>0.25") in curb ramp/landing/flares	<u> </u>			
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>	ļ		
No textured surface at base of curb ramp	<u> </u>	Х		For intersection, commercial driveway, and park ramps, install
No color contrast at base of curb ramp	<u> </u>	Х		color truncated domes
Landing area does not exist and is needed	ļ			
Landing area is less than 5' x 5' or slopes greater than 2%	<u> </u>	X		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	X	Χ		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%	<u> </u>	^		
Ponding occurs at base of curb ramp				

90015







Ramp 4A

Opinion of Probable Construction Cost Disclaimer:

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Date: 4/30/18 Client: City of Norman ADA Self-Evaluation and Transition Plan 061298800 Prepared By: CMP Checked By: EPE Program: KHA No.:

Corridor : Project Name: City: GPS ID: 90016 Lions Park Intersection of Lions Park and Pickard Ave Norman

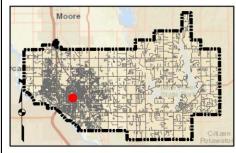
Item No. Item Description	Quantity	Unit		Unit Price	Item Cost
ODOT 202(A)-0183 Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concrete Sidewalk	42	SY	\$	50.00 \$	2,100.00
ODOT 610(I)-4610 Tactile Warning Device - New	40	SF	\$	25.00 \$	1,000.00
ODOT 610(I)-4615 Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Removal of Sidewalk	18	SY	\$	12.00 \$	216.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswalk Pavement Markings	162	LF	\$	6.00 \$	972.00
Repave Roadway	2	LS	\$	5,000.00 \$	10,000.00
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 Fix Curb Ramp Counter Slope	<u>0</u>	LS	\$	500.00 \$	-
¡Fix Curb Ramp Counter Slope	0	LS	: \$	2,000.00 \$	-

Basis for Cost Projection

No Design Completed
 Preliminary Design
 Final Design

Subtotal: \$
15% \$
20% \$
ect Cost: \$ 16,288.00 Engineering: (% +/-) 2,448.00 Contingency: (% +/-) 3,264.00 Estimated Pr 22,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions	
Intersection issues	N	E	S	W		
Path of travel pavement condition	Dangerous	Good	N/A	N/A		
Path of travel running slope is greater than 5%			N/A	N/A		
Path of travel cross slope is greater than 2% for stop control approaches	N/A	Х	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	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	N/A	mistali crosswaik pavement markings	

Curb Ramp Issues	Curk	Ramp	,	' or 'i' in i	ramp label indicates no ramp)	Possible Solutions
·	1 <i>z</i>	2A	3 <i>z</i>	4z	.,	
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	_i	İ	<u> </u>	<u>i</u> i		
No 4' x 4' clear space at base of curb ramp						
Curbed side is not 90° or has traversable adjacent surface		Х				
Flare cross slope is greater than 10%						
Curb ramp running slope is greater than 8.3%	Ī					
Blended transition running slope is greater than 5%		[[]		
Cut-thru ramp running slope is greater than 5%	T	[Ī	T		Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	I		I			Remove and replace curb ramp
Cut-thru ramp cross slope is greater than 2%	Ī			T		
Curb ramp width is less than 48"	Ī		Ī			
Cut-thru ramp width is less than 60"	Ţ		Ī			
Permanent obstruction (>0.25") in curb ramp/landing/flares	I					
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>		<u> </u>			
No textured surface at base of curb ramp		X	<u> </u>	<u> </u>		For intersection, commercial driveway, and park ramps, install
No color contrast at base of curb ramp	<u> </u>	Х	<u> </u>			color truncated domes
Landing area does not exist and is needed	<u> </u>		<u> </u>			
Landing area is less than 5' x 5' or slopes greater than 2%		Χ	<u> </u>			Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	<u> </u>	Χ	<u> </u>	ļ		Fix curb ramp transition
Counter slope of the gutter or street at the foot of the curb ramp is			1			
greater than 5%	1	<u> </u>	<u> </u>	<u> </u>		
Ponding occurs at base of curb ramp						

Photographs GPS ID: 90016



Corner 1 No Ramp (1z)



Corner 3 No Ramp (3z)



Ramp 2A



Corner 4 No Ramp (4z)

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Westwood Park Intersection of Westwood Park and parking lot (Lat.35.2318; Long.-97.4778) Norman GPS ID: 90017 Corridor : Project Name: City:

Item No.	Item Description	Quantity	Unit	Unit Price	Item Cost
ODOT 202(A)-018	3 Unclassified Excavation	0	CY	\$ 5.50 \$	\$ -
ODOT 609(A)-030	0 Concrete Curb (6" Barrier-Integral)	0	LF	\$ 7.00 \$	\$ -
ODOT 610(A)-060	2 4" Concrete Sidewalk	3	SY	\$ 50.00	150.00
	Tactile Warning Device - New	0	SF	\$ 25.00	\$ -
ODOT 610(I)-4615	5 Tactile Warning Device - Retrofit	10	SF	\$ 60.00	600.00
	2 Removal of Sidewalk	3	SY	\$ 12.00 \$	\$ 36.00
ODOT 857(F)-800	6 Pavement Marking Removal (Traffic Stripe)	0	LF	\$ 0.25 \$	\$ -
	Crosswalk Pavement Markings	0	LF	\$ 6.00 \$	\$ -
	Repave Roadway	0	LS	\$ 5,000.00	\$ -
	Fix Ponding	1	LS	\$ 2,000.00	\$ 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 Fix Curb Ramp Counter Slope	0	LS	\$ 500.00	5 -
		0	LS	\$ 2,000.00	•
Basis for Cost Proj			_	Subtotal: \$	
	☑ No Design Completed			Engineering: (% +/-) 15% \$	
	☐ Preliminary Design		,	Contingency: (% +/-) 20% \$	
	☐ Final Design			Estimated Project Cost: \$	7,000.00

Project Location







Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

Curb Ramp Issues	Curb 1A	Ramp ID ('z' or 'i' in ramp label indicates no existing ramp)	Possible Solutions
Curb ramp does not exist and is needed			
Curb ramp does not land in crosswalk	Ll		
No 4' x 4' clear space at base of curb ramp	<u> </u>		
Curbed side is not 90° or has traversable adjacent surface	Ll		
Flare cross slope is greater than 10%	L		
Curb ramp running slope is greater than 8.3%	LI		
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			
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>		
No textured surface at base of curb ramp	Х		For intersection, commercial driveway, and park ramps, install
No color contrast at base of curb ramp	Х		color truncated domes
Landing area does not exist and is needed	ļl		
Landing area is less than 5' x 5' or slopes greater than 2%	X		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	X		Fix curb ramp transition
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	Χ		Fix ponding

GPS ID:

90017



Ramp 1A

Opinion of Probable Construction Cost Disclaimer:

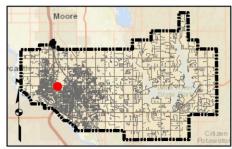
The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only 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.

City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Westwood Park Intersection of Westwood Park and parking lot (Lat.35.2313; Long.-97.4776) Norman GPS ID: 90018 Corridor : Project Name: City:

	Item Description	Quantity	Unit	Unit	Price	Item Cost
ODOT 202(A)-0183	Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300	Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
	4" Concrete Sidewalk	15	SY	\$	50.00 \$	750.00
ODOT 610(I)-4610	Tactile Warning Device - New	20	SF	\$	25.00 \$	500.00
ODOT 610(I)-4615	Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792	Removal of Sidewalk	25	SY	\$	12.00 \$	300.00
ODOT 857(F)-8006	Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
	Crosswalk Pavement Markings	0	LF	\$	6.00 \$	-
	Repave Roadway	0	LS	\$	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	i \$	2,000.00 \$	
Basis for Cost Proje					Subtotal: \$	3,550.00
	✓ No Design Completed			ineering: (% +/-)		621.43
	□ Preliminary Design		Con	tingency: (% +/-)		828.57
	☐ Final Design			Estimated P	roject Cost: \$	5,000.00

Project Location







Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

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

GPS ID:

90018







Ramp 3A

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Westwood Park Intersection of Westwood Park and parking lot (Lat.35.2311; Long.-97.4776) Norman Corridor : Project Name: City: GPS ID: 90019

Item No. Item Desc	ription	Quantity	Unit	U	nit Price	Item Cost
ODOT 202(A)-0183 Unclassifi	d Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete	Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concre	e Sidewalk	8	SY	\$	50.00 \$	400.00
ODOT 610(I)-4610 Tactile W	rning Device - New	10	SF	\$	25.00 \$	250.00
ODOT 610(I)-4615 Tactile W	rning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Removal		11	SY	\$	12.00 \$	132.00
ODOT 857(F)-8006 Pavemen	Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswall	Pavement Markings	0	LF	\$	6.00 \$	-
Repave R	oadway	0	LS	\$	5,000.00 \$	-
Fix Pondi	g	0	LS	\$	2,000.00 \$	-
Fix Curb I	amp Transition	1	LS	\$	2,000.00 \$	2,000.00
	se Modification	0	LS	\$	5,000.00 \$	-
Remove	emporary Obstruction amp Counter Slope	0	LS	\$	500.00 \$	-
Fix Curb I	amp Counter Slope	0	LS	\$	2,000.00 \$	-
Basis for Cost Projection					Subtotal: \$	2,782.00
	sign Completed		Eng	ineering: (% +	/-) 15% \$	522.00
☐ Prelin	inary Design		Cor	ntingency: (% +	/-) 20% \$	696.00
☐ Final	Design			Estimated	Project Cost: \$	4,000.00

Project Location







Intersection Issues	Crosswalk N E S W			W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All d	riveway path c	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

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

GPS ID:

90019



Ramp 2A

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Date: 4/30/18 Prepared By: CMP Checked By: EPE Client: Program: KHA No.:

Westwood Park
Intersection of Westwood Park and parking lot (Lat. 35.231; Long. -97.4777)
Norman Corridor : Project Name: City: GPS ID: 90105

Item No.	Item Description	Quantity	Unit	Un	nit Price	Item Cost
ODOT 202(A)-0183	Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300	Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602	2 4" Concrete Sidewalk	3	SY	\$	50.00 \$	150.00
	Tactile Warning Device - New	0	SF	\$	25.00 \$	-
ODOT 610(I)-4615	Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792	Removal of Sidewalk	3	SY	\$	12.00 \$	36.00
ODOT 857(F)-8006	Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
	Crosswalk Pavement Markings	0	LF	\$	6.00 \$	-
	Repave Roadway	0	LS	\$	5,000.00 \$	-
	Fix Ponding	0	LS	\$	2,000.00 \$	-
	Fix Curb Ramp Transition	0	LS	\$	2,000.00 \$	-
	Median Nose Modification	. 0	LS	\$	5,000.00 \$	-
	Remove Temporary Obstruction Fix Curb Ramp Counter Slope	0	LS	\$	500.00 \$	-
		0	LS	\$	2,000.00 \$	-
Basis for Cost Proje					Subtotal: \$	186.00
	✓ No Design Completed			ineering: (% +/		348.86
	□ Preliminary Design		Con	tingency: (% +/		465.14
	☐ Final Design			Estimated	Project Cost: \$	1,000.00

Project Location







Intersection Issues	Crosswalk N E S W				Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All d	riveway path o	of travel issue	s and possible	e solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

Curb Ramp Issues	Curb F	Ramp ID ('z' or 'i' in ramp label indicates no existing ramp)	Possible Solutions
	1A		
Curb ramp does not exist and is needed	<u> </u>		
Curb ramp does not land in crosswalk	<u></u>		
No 4' x 4' clear space at base of curb ramp			
Curbed side is not 90° or has traversable adjacent surface	L		
Flare cross slope is greater than 10%			
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			
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u></u>		
No textured surface at base of curb ramp	<u> </u>		
No color contrast at base of curb ramp	<u></u>		
Landing area does not exist and is needed			
Landing area is less than 5' x 5' or slopes greater than 2%	X		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	ļ		
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			

90105



Ramp 1A

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Westwood Park
Intersection of Westwood Park and parking lot (Lat. 35.2308; Long. -97.4779)
Norman Corridor : Project Name: City: GPS ID: 90106

ODOT 202(A)-0183 Unclassi ODOT 609(A)-0300 Concrete ODOT 610(A)-0602 4" Concr	e Curb (6" Barrier-Integral)	0	CY	\$ 5.50 \$	-
		Λ			
ODOT 610(A)-0602 4" Concr	. 6:1	U	LF	\$ 7.00 \$	-
	rete Sidewalk	0	SY	\$ 50.00 \$	-
ODOT 610(I)-4610 Tactile V	Varning Device - New	0	SF	\$ 25.00 \$	-
ODOT 610(I)-4615 Tactile V		0	SF	\$ 60.00 \$	-
ODOT 619(B)-4792 Remova	l of Sidewalk	0	SY	\$ 12.00 \$	-
ODOT 857(F)-8006 Paveme	nt Marking Removal (Traffic Stripe)	0	LF	\$ 0.25 \$	-
Crosswa	alk Pavement Markings	0	LF	\$ 6.00 \$	-
Repave	Roadway	0	LS	\$ 5,000.00 \$	-
Fix Pond	ling	0	LS	\$ 2,000.00 \$	-
	Ramp Transition	0	LS	\$ 2,000.00 \$	-
	Nose Modification	0	LS	\$ 5,000.00 \$	-
Remove	Temporary Obstruction	0	LS	\$ 500.00 \$	-
	Ramp Counter Slope	Ü	LS	\$ 2,000.00 \$	-
Basis for Cost Projection				Subtotal: \$	-
	Design Completed			ering: (% +/-) 15% \$	-
	iminary Design			gency: (% +/-) 20% \$	-
☐ Fina	al Design			Estimated Project Cost: \$	-

Project Location







Intersection Issues	Crosswalk N E S W				Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All d	riveway path o	of travel issue	s and possible	e solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

Curb Ramp Issues	Curb Ramp ID ('z' or 'i' in ramp label indicates no existing ramp) 4A	Possible Solutions
Curb ramp does not exist and is needed Curb ramp does not land in crosswalk No 4' x 4' clear space at base of curb ramp		
Curbed side is not 90° or has traversable adjacent surface Flare cross slope is greater than 10%		
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 Temporary obstruction (>0.25") in curb ramp/landing/flares No textured surface at base of curb ramp		
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" 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		

90106



Ramp 4A

Opinion of Probable Construction Cost Disclaimer:

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City of Norman ADA Self-Evaluation and Transition Plan 061298800 Client: Date: 4/30/18 Prepared By: CMP Checked By: EPE Program: KHA No.:

Westwood Park Intersection of Westwood Park and parking lot (Lat. 35.2308; Long. -97.478) Norman GPS ID: 90107 Corridor : Project Name: City:

Item No. Item Description	Quantity	Unit	Ur	nit Price	Item Cost
ODOT 202(A)-0183 Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Concrete Sidewalk	3	SY	\$	50.00 \$	150.00
ODOT 610(I)-4610 Tactile Warning Device - New	0	SF	\$	25.00 \$	-
ODOT 610(I)-4615 Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Removal of Sidewalk	3	SY	\$	12.00 \$	36.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic S	pe) 0	LF	\$	0.25 \$	-
Crosswalk Pavement Markings	0	LF	\$	6.00 \$	-
Repave Roadway	0	LS	\$	5,000.00 \$	-
Fix Ponding	0	LS	\$	2,000.00 \$	-
Fix Curb Ramp Transition	0	LS	\$	2,000.00 \$	-
Median Nose Modification	0	LS	\$	5,000.00 \$	-
Remove Temporary Obstruction Fix Curb Ramp Counter Slope	0	LS	\$	500.00 \$	-
	0	LS	\$	2,000.00 \$	-
Basis for Cost Projection				Subtotal: \$	186.00
No Design Completed			Engineering: (% +/		348.86
Preliminary Design			Contingency: (% +/		465.14
Final Design			Estimated	Project Cost: \$	1,000.00

Project Location







Intersection Issues	Crosswalk N E S W			W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (TRPEDDRV)
Path of travel cross slope is greater than 5% for free-flow approaches Crosswalk width is less than 6' Crosswalk striping condition					

Curb Ramp Issues	Curb 3A		ID ('z' or 'i' in ramp label indicates no existing ramp)	Possible Solutions
O	ЭA	4A		i
Curb ramp does not exist and is needed	ļ	ļ		
Curb ramp does not land in crosswalk	ļ			
No 4' x 4' clear space at base of curb ramp	ļ	ļļ		
Curbed side is not 90° or has traversable adjacent surface	<u> </u>			
Flare cross slope is greater than 10%	<u> </u>			
Curb ramp running slope is greater than 8.3%	İ	J		
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%	Ī			
Curb ramp width is less than 48"				
Cut-thru ramp width is less than 60"				
Permanent obstruction (>0.25") in curb ramp/landing/flares				
Temporary obstruction (>0.25") in curb ramp/landing/flares	I			
No textured surface at base of curb ramp				
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%	Ţ	Χ		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"				
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	†			

GPS ID:

90107







Ramp 4A

Opinion of Probable Construction Cost Disclaimer:

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