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

GPS ID	Project Name	Cost Projection	Priority
90005	Intersection of Municipal Complex and parking lot (Lat.35.2221; Long97.4476)	\$ 6,000	2
90007	Intersection of Municipal Complex and parking lot (Lat.35.2222; Long97.4467)	\$ 10,000	2
90008	Intersection of Municipal Complex and parking lot (Lat.35.2226; Long97.4463)	\$ 5,000	2
90009	Intersection of Municipal Complex and Daws St	\$ 9,000	13
90010	Intersection of Municipal Complex and parking lot (Lat.35.2225; Long97.4462)	\$ 5,000	2
90011	Intersection of Municipal Complex and James Garner Ave	\$ 2,000	2
90012	Intersection of Municipal Complex and Tonhawa St	\$ 5,000	2
90013	Intersection of Municipal Complex and parking lot (Lat.35.2223; Long97.4459)	\$ 1,000	2
90014	Intersection of Municipal Complex and N Santa Fe Ave	\$ 15,000	2
	TOTAL	\$ 58,000	<u> </u>

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

Municipal Complex Intersection of Municipal Complex and parking lot (Lat.35.2221; Long.-97.4476) Norman GPS ID: 90005 Corridor : Project Name: City:

Item No. Item De	escription	Quantity	Unit	Uni	it Price	Item Cost
ODOT 202(A)-0183 Unclass	sified Excavation	0	CY	\$	5.50 \$	-
ODOT 609(A)-0300 Concre	te Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(A)-0602 4" Con-		15	SY	\$	50.00 \$	750.00
ODOT 610(I)-4610 Tactile		20	SF	\$	25.00 \$	500.00
ODOT 610(I)-4615 Tactile	Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-4792 Remov	al of Sidewalk	22	SY	\$	12.00 \$	264.00
ODOT 857(F)-8006 Pavem	ent Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crossw	alk Pavement Markings	0	LF	\$	6.00 \$	-
Repave	Roadway	0	LS	\$	5,000.00 \$	-
Fix Por	ding	0	LS	\$	2,000.00 \$	-
Fix Cur	b Ramp Transition	1	LS	\$	2,000.00 \$	2,000.00
	Nose Modification	0	LS	\$	5,000.00 \$	-
Remov	e Temporary Obstruction b Ramp Counter Slope	1	LS	\$	500.00 \$	500.00
	b Ramp Counter Slope	0	LS	\$	2,000.00 \$	-
Basis for Cost Projection					Subtotal: \$	4,014.00
	Design Completed			ineering: (% +/-		851.14
	liminary Design		Cor	ntingency: (% +/-		1,134.86
☐ Fin	al Design			Estimated	Project Cost: \$	6,000.00

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 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	DID ('z' or 'i' in ramp label indicates no	
Curb Ramp Issues			existing ramp)	Possible Solutions
	2A	3A		
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	I	Χ		
Flare cross slope is greater than 10%	Χ			
Curb ramp running slope is greater than 8.3%	I			
Blended transition running slope is greater than 5%	[
Cut-thru ramp running slope is greater than 5%	Ţ			Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	I			incentove and replace curb famp
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	I			
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>	Χ		Remove temporary obstruction
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	<u> </u>			
Landing area is less than 5' x 5' or slopes greater than 2%	X	Х		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%	ļ			
Ponding occurs at base of curb ramp	Ī			

Photographs







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.:

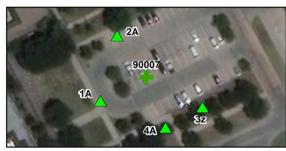
Municipal Complex Intersection of Municipal Complex and parking lot (Lat.35.2222; Long.-97.4467) Norman Corridor : Project Name: City: GPS ID: 90007

	Quantity	Unit	Uı	nit Price	Item Cost
DOT 202(A)-0183 Unclassified Excavation	0	CY	\$	5.50 \$	_
DOT 609(A)-0300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
DOT 610(A)-0602 4" Concrete Sidewalk	30	SY	\$	50.00 \$	1,500.00
DOT 610(I)-4610 Tactile Warning Device - New	20	SF	\$	25.00 \$	500.00
DOT 610(I)-4615 Tactile Warning Device - Retrofit	10	SF	\$	60.00 \$	600.00
DOT 619(B)-4792 Removal of Sidewalk	24	SY	\$	12.00 \$	288.00
DOT 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	0	LS	\$	500.00 \$	-
Fix Curb Ramp Counter Slope	j 0	LS	; \$	2,000.00 \$	-
asis for Cost Projection				Subtotal: \$	6,888.00
✓ No Design Completed			ngineering: (% +		1,333.71
Preliminary Design		Co	ontingency: (% +		1,778.29
☐ Final Design			Estimated	Project Cost: \$	10,000.00

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					

	Curk	Ramp			n ramp label indicates no	
Curb Ramp Issues				existin	g ramp)	Possible Solutions
	1A	2A	3z	4A		
Curb ramp does not exist and is needed	İ	İ	l .			
Curb ramp does not land in crosswalk						
No 4' x 4' clear space at base of curb ramp	I					
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%	I	X				
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%	1		I	Х		Remove 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"	Ī					
Permanent obstruction (>0.25") in curb ramp/landing/flares	1					
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>	ļ	<u> </u>	 		
No textured surface at base of curb ramp	X	X	<u> </u>	X		For intersection, commercial driveway, and park ramps, install
No color contrast at base of curb ramp	X	X	<u> </u>	X		color truncated domes
Landing area does not exist and is needed		X	ļ	X		Install landing area
Landing area is less than 5' x 5' or slopes greater than 2%	<u>; X</u>	ļ	<u> </u>	<u> </u>		Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	.	Χ	<u> </u>	Χ		Fix curb ramp transition
Counter slope of the gutter or street at the foot of the curb ramp is		1	1	1		
greater than 5%	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
Ponding occurs at base of curb ramp	1					

GPS ID:

90007



Ramp 1A



Corner 3 No Ramp (3z)



Ramp 2A



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.:

Municipal Complex
Intersection of Municipal Complex and parking lot (Lat.35.2226; Long.-97.4463)
Norman Corridor : Project Name: City: GPS ID: 90008

ODOT 202(A)-0183 Unclassified Excavation ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral) ODOT 610(A)-0602 4" Concrete Sidewalk ODOT 610(A)-0610 Tactile Warning Device - New ODOT 610(I)-4615 Tactile Warning Device - Retrofit ODOT 619(B)-4792 Removal of Sidewalk	0 0 15 20 0 15	CY LF SY SF SF	\$ \$ \$	5.50 \$ 7.00 \$ 50.00 \$ 25.00 \$	- - 750.00 500.00
ODOT 610(A)-0602 4" Concrete Sidewalk ODOT 610(I)-4610 Tactile Warning Device - New ODOT 610(I)-4615 Tactile Warning Device - Retrofit	0 15 20 0 15	SF	\$ \$ \$ \$	50.00 \$ 25.00 \$	
ODOT 610(I)-4610 Tactile Warning Device - New ODOT 610(I)-4615 Tactile Warning Device - Retrofit	15 20 0 15	SF	\$ \$ \$	25.00 \$	
ODOT 610(I)-4615 Tactile Warning Device - Retrofit	20 0 15		\$ \$		500.00
	0 15	SF	\$		
ODOT 619/B)-4792 Removal of Sidewalk	15			60.00 \$	-
ODOT 019(D)-4732 Removal of Sidewalk		SY	\$	12.00 \$	180.00
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	j 0 j	LS	\$	2,000.00 \$	-
Basis for Cost Projection				Subtotal: \$	3,430.00
✓ No Design Completed			neering: (% +/-		672.86
Preliminary Design		Conf	tingency: (% +/-		897.14
Final Design			Estimated	Project Cost: \$	5,000.00

Project Location

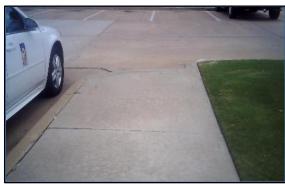






Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All dı	riveway path o	of travel issue	s and possible	solutions provided in driveway shapefile (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	Curb 1A	Ramp 2A	D ID ('z' or 'i' in ramp label indicates no existing ramp)	Possible Solutions
Curb ramp does not exist and is needed		i i		
Curb ramp does not land in crosswalk	İ	ļ		
No 4' x 4' clear space at base of curb ramp	†	} i		
Curbed side is not 90° or has traversable adjacent surface	Ī	[
Flare cross slope is greater than 10%	1			
Curb ramp running slope is greater than 8.3%	Ī	Х		
Blended transition running slope is greater than 5%				
Cut-thru ramp running slope is greater than 5%	Ī	i		Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	X	[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	I			
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>			
No textured surface at base of curb ramp	X	ļ		For intersection, commercial driveway, and park ramps, install
No color contrast at base of curb ramp	X	ļ		color truncated domes
Landing area does not exist and is needed	ļ	ļ		
Landing area is less than 5' x 5' or slopes greater than 2%	ļ <u>.</u>	ļ		
Curb ramp transition onto roadway is greater than 0.25"	X	ļ		Fix curb ramp transition
Counter slope of the gutter or street at the foot of the curb ramp is	1	•		
greater than 5%	<u> </u>	<u> </u>		
Ponding occurs at base of curb ramp				







Ramp 2A

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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.:

Municipal Complex Intersection of Municipal Complex and Daws St Norman Corridor : Project Name: City: GPS ID: 90009

ODOT 610(I)-4610 Tactile Warning Device - New 10 SF \$ 25.00 \$ 25	Item No.	Item Description	Quantity	Unit	l	Init Price	Item Cost
DDOT 610(A)-0602 4" Concrete Sidewalk 8	ODOT 202(A)-0°	83 Unclassified Excavation	0	CY	\$	5.50 \$	-
ODOT 610(I)-4610 Tactile Warning Device - New 10 SF \$ 25.00 \$ 25.00 ODOT 610(I)-4615 Tactile Warning Device - Retrofit 0 SF \$ 60.00 \$ DDOT 619(B)-4792 Removal of Sidewalk 8 SY \$ 12.00 \$ 90.00 DDOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe) 0 LF \$ 0.25 \$ Crosswalk Pavement Markings 46 LF \$ 6.00 \$ 27 Repave Roadway 1 LS \$ 5,000.00 \$ 5,000 Fix Ponding 0 LS \$ 2,000.00 \$ Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$	ODOT 609(A)-03	300 Concrete Curb (6" Barrier-Integral)	0	LF	\$	7.00 \$	-
ODOT 610(I)-4615 Tactile Warning Device - Retrofit 0 SF \$ 60.00 \$ DDOT 619(B)-4792 Removal of Sidewalk 8 SY \$ 12.00 \$ 9 DDOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe) 0 LF \$ 0.25 \$ Crosswalk Pavement Markings 46 LF \$ 6.00 \$ 27 Repave Roadway 1 LS \$ 5,000.00 \$ 5,00 Fix Ponding 0 LS \$ 2,000.00 \$ Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$			8	SY	\$	50.00 \$	400.00
DDOT 619(B)-4792 Removal of Sidewalk 8 SY \$ 12.00 \$ 90			10	SF	\$	25.00 \$	250.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe) 0 LF \$ 0.25 \$ Crosswalk Pavement Markings 46 LF \$ 6.00 \$ 270 Repave Roadway 1 LS \$ 5,000.00 \$ 5,000 Fix Ponding 0 LS \$ 2,000.00 \$ Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$	ODOT 610(I)-46	15 Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
Crosswalk Pavement Markings 46 LF \$ 6.00 \$ 270 Repave Roadway 1 LS \$ 5,000.00 \$ 5,000 Fix Ponding 0 LS \$ 2,000.00 \$ Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$	ODOT 619(B)-47	792 Removal of Sidewalk	8	SY	\$	12.00 \$	96.00
Repave Roadway 1 LS \$ 5,000.00 \$ 5,000 Fix Ponding 0 LS \$ 2,000.00 \$ Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$	ODOT 857(F)-80	006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Fix Ponding 0 LS \$ 2,000.00 \$ Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$		Crosswalk Pavement Markings	46	LF	\$	6.00 \$	276.00
Fix Curb Ramp Transition 0 LS \$ 2,000.00 \$ Median Nose Modification 0 LS \$ 5,000.00 \$		Repave Roadway	1	LS	\$	5,000.00 \$	5,000.00
Median Nose Modification 0 LS \$ 5,000.00 \$		Fix Ponding	0	LS	\$	2,000.00 \$	-
			0	LS	\$	2,000.00 \$	-
Remove Temporary Obstruction 0 LS \$ 500.00 \$ Fix Curb Ramp Counter Slope 0 LS \$ 2,000.00 \$			0	LS	\$		-
¡Fix Curb Ramp Counter Slope 0 LS \$ 2,000.00 \$		Remove Temporary Obstruction	0	LS	\$		-
		Fix Curb Ramp Counter Slope	j 0	LS	\$	2,000.00 \$	-

Basis for Cost Projection

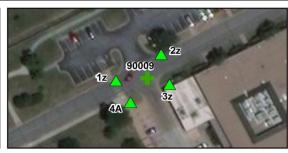
No Design Completed
 Preliminary Design
 Final Design

Subtotal: \$ 15% \$ 20% \$ 6,022.00 1,276.29 Engineering: (% +/-) Contingency: (% +/-) 1,701.71 Estimated Pro 9,000.00

Project Location





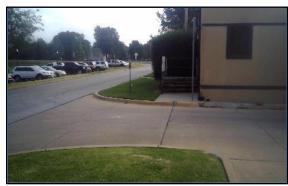


Intersection Issues		Cros	swalk		Possible Solutions
intersection issues	N	E	S	W	Possible Solutions
Path of travel pavement condition	N/A	N/A	N/A	Good	
Path of travel running slope is greater than 5%	N/A	N/A	N/A	Х	Repave roadway and install crosswalk pavement markings
Path of travel cross slope is greater 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	i	
Crosswalk striping condition	N/A	N/A	N/A	Good	

Curb Ramp Issues	Curb 1 <i>z</i>	Ramı 2z		d or ' <i>i</i> ' ir existing 4A	n ramp label indicates no g ramp)	Possible Solutions				
Curb ramp does not exist and is needed	<u> </u>		<u> </u>							
Curb ramp does not land in crosswalk	<u> </u>	Ĺ	<u> </u>	<u>ii</u>						
No 4' x 4' clear space at base of curb ramp	<u> </u>	<u> </u>	<u> </u>	<u> </u>						
Curbed side is not 90° or has traversable adjacent surface	<u> </u>	<u> </u>	<u> </u>	ll						
Flare cross slope is greater than 10%	<u> </u>	<u> </u>	<u> </u>	Χ						
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%	Ī	[Ī	T 1		Remove and replace curb ramp				
Curb ramp cross slope is greater than 2%	I		I			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"	Ţ	[Ī							
Permanent obstruction (>0.25") in curb ramp/landing/flares										
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>		<u> </u>	<u> </u>		 				
No textured surface at base of curb ramp	<u> </u>	ļ	<u> </u>	<u> </u>						
No color contrast at base of curb ramp	<u> </u>	<u> </u>	<u> </u>	<u> </u>						
Landing area does not exist and is needed	ļ	ļ	Ļ	ļ						
Landing area is less than 5' x 5' or slopes greater than 2%		ļ	<u> </u>							
Curb ramp transition onto roadway is greater than 0.25"		ļ	ļ	 						
Counter slope of the gutter or street at the foot of the curb ramp is	1	•	1							
greater than 5%	<u> </u>	<u> </u>	<u> </u>	<u> </u>						
Ponding occurs at base of curb ramp	<u> </u>									



Corner 1 No Ramp (1z)



Corner 3 No Ramp (3z)



Corner 2 No Ramp (2z)



Ramp 4A

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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.:

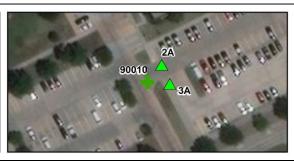
Municipal Complex Intersection of Municipal Complex and parking lot (Lat.35.2225; Long.-97.4462) Norman GPS ID: 90010 Corridor : Project Name: City:

Item No.	Item Description	Quantity	Unit	Un	it 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
	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	15	SY	\$	12.00 \$	180.00
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 Fix Curb Ramp Counter Slope	0	LS	\$	500.00 \$	-
	Fix Curb Ramp Counter Slope	0	LS	\$	2,000.00 \$	-
Basis for Cost Project	ction				Subtotal: \$	3,430.00
	☑ No Design Completed			neering: (% +/-		672.86
	□ Preliminary Design		Con	tingency: (% +/-		897.14
	☐ Final Design			Estimated	Project Cost: \$	5,000.00

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 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 2A	o Ramp	D 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				
No 4' x 4' clear space at base of curb ramp				
Curbed side is not 90° or has traversable adjacent surface	Χ	Χ		
Flare cross slope is greater than 10%				
Curb ramp running slope is greater than 8.3%		Χ		
Blended transition running slope is greater than 5%				
Cut-thru ramp running slope is greater than 5%		!		Remove and replace curb ramp
Curb ramp cross slope is greater than 2%				ixemove and replace curb famp
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		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		X		color truncated domes
Landing area does not exist and is needed	ļ	ļ		
Landing area is less than 5' x 5' or slopes greater than 2%		ļ		
Curb ramp transition onto roadway is greater than 0.25"	Х	ļ		Fix curb ramp transition
Counter slope of the gutter or street at the foot of the curb ramp is				
greater than 5%	Ĺ	ļ		
Ponding occurs at base of curb ramp				

Photographs

90010







Ramp 3A

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.:

Municipal Complex Intersection of Municipal Complex and James Garner Ave Norman GPS ID: 90011 Corridor : Project Name: City:

ODOT 202(A)-0183 Unclassified Excavation ODOT 609(A)-0300 Concrete Curb (6" Barrier-Integral ODOT 610(A)-0602 4" Concrete Sidewalk ODOT 610(I)-4610 Tactile Warning Device - New ODOT 610(I)-4615 Tactile Warning Device - Retrofit ODOT 619(B)-4792 Removal of Sidewalk ODOT 857(F)-8006 Pavement Marking Removal (Tral Crosswalk Pavement Markings		0 0 8 10	CY LF SY SF SF	\$ \$ \$	5.50 \$ 7.00 \$ 50.00 \$ 25.00 \$	- - 400.00 250.00
ODOT 610(A)-0602 4* Concrete Sidewalk ODOT 610(I)-4610 Tactile Warning Device - New ODOT 610(I)-4615 Tactile Warning Device - Retrofit ODOT 619(B)-4792 Removal of Sidewalk ODOT 857(F)-8006 Pavement Marking Removal (Tral		0 8 10 0	SF	\$ \$ \$	50.00 \$	
ODOT 610(I)-4610 Tactile Warning Device - New ODOT 610(I)-4615 Tactile Warning Device - Retrofit ODOT 619(B)-4792 Removal of Sidewalk ODOT 857(F)-8006 Pavement Marking Removal (Traf		8 10 0	SF	\$ \$		
ODOT 610(I)-4615 Tactile Warning Device - Retrofit ODOT 619(B)-4792 Removal of Sidewalk ODOT 857(F)-8006 Pavement Marking Removal (Traf		10 0	- 	\$	25.00 \$	250.00
ODOT 619(B)-4792 Removal of Sidewalk ODOT 857(F)-8006 Pavement Marking Removal (Tral		0	SF			250.00
ODOT 857(F)-8006 Pavement Marking Removal (Traf		^		\$	60.00 \$	-
		8	SY	\$	12.00 \$	96.00
Crosswalk Pavement Markings	ffic Stripe)	0	LF	\$	0.25 \$	-
		58	LF	\$	6.00 \$	348.00
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		0	LS	\$	500.00 \$	-
Fix Curb Ramp Counter Slope		0	LS	\$	2,000.00 \$	-
Basis for Cost Projection					Subtotal: \$	1,094.00
No Design Completed				ineering: (% +		388.29
Preliminary Design			Con	tingency: (% +		517.71
Final Design				Estimated	l 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 Ramp Issues	Curk	Ramp			n ramp label indicates no g ramp)	Possible Solutions
	1A	2z	3 <i>z</i>	4 <i>z</i>		
Curb ramp does not exist and is needed	<u> </u>		<u> </u>	<u> </u>		
Curb ramp does not land in crosswalk	İ		<u> </u>	İ		
No 4' x 4' clear space at base of curb ramp	<u>i</u>		<u> </u>	<u> </u>		
Curbed side is not 90° or has traversable adjacent surface	İ		<u> </u>	İ		
Flare cross slope is greater than 10%	<u> </u>		<u> </u>	<u> </u>		
Curb ramp running slope is greater than 8.3%	İ			<u> </u>		
Blended transition running slope is greater than 5%	[[ļ		
Cut-thru ramp running slope is greater than 5%	Ī		Ī	[Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	[Ī	ļ		Remove and replace curb ramp
Cut-thru ramp cross slope is greater than 2%	Ī		[[
Curb ramp width is less than 48"	[Ī	ļ		
Cut-thru ramp width is less than 60"	[[ļ		
Permanent obstruction (>0.25") in curb ramp/landing/flares	X			<u> </u>		
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>		<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	X		<u> </u>	<u> </u>		color truncated domes
Landing area does not exist and is needed	<u> </u>		<u> </u>	ļ		
Landing area is less than 5' x 5' or slopes greater than 2%	<u> </u>		<u> </u>	<u> </u>		
Curb ramp transition onto roadway is greater than 0.25"	<u>ļ</u>		<u> </u>	<u> </u>		
Counter slope of the gutter or street at the foot of the curb ramp is	ļ		l	ļ		
greater than 5%			l			
Ponding occurs at base of curb ramp						



Ramp 1A



Corner 3 No Ramp (3z)



Corner 2 No Ramp (2z)



Corner 4 No Ramp (4z)

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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.:

Municipal Complex Intersection of Municipal Complex and Tonhawa St Norman Corridor : Project Name: City: GPS ID: 90012

Item No.	Item Description	Quantity	Unit	U	nit 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	15	SY	\$	50.00 \$	750.00
	Tactile Warning Device - New	20	SF	\$	25.00 \$	500.00
ODOT 610(I)-461	5 Tactile Warning Device - Retrofit	0	SF	\$	60.00 \$	-
ODOT 619(B)-479	2 Removal of Sidewalk	20	SY	\$	12.00 \$	240.00
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	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	0	LS	\$	500.00 \$	-
	Fix Curb Ramp Counter Slope	0	LS	\$	2,000.00 \$	-
Basis for Cost Proj					Subtotal: \$	3,490.00
	✓ No Design Completed			ineering: (% +		647.14
	□ Preliminary Design		Cor	ntingency: (% +		862.86
	☐ Final Design			Estimated	Project Cost: \$	5,000.00

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 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					

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

90012



Ramp 1A



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.:

Municipal Complex Intersection of Municipal Complex and parking lot (Lat.35.2223; Long.-97.4459) Norman Corridor : Project Name: City: GPS ID: 90013

Item No.	Item Description	Quantity	Unit	Ur	nit Price	Item Cost
ODOT 202(A)-0183	3 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	0	SY	\$	50.00 \$	-
	Tactile Warning Device - New	0	SF	\$	25.00 \$	-
ODOT 610(I)-4615	Tactile Warning Device - Retrofit	10	SF	\$	60.00 \$	600.00
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 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	Q Q	LS	\$	500.00 \$	-
		0	LS	\$	2,000.00 \$	-
Basis for Cost Proje			_		Subtotal: \$	600.00
	✓ No Design Completed			ineering: (% +/		171.43
	□ Preliminary Design		Con	tingency: (% +/		228.57
	☐ Final Design			Estimated	Project Cost: \$	1,000.00

Project Location





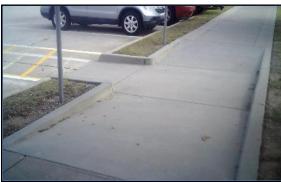


Intersection Issues	N	Cros E	swalk S	W	Possible Solutions
Path of travel pavement condition Path of travel running slope is greater than 5% Path of travel cross slope is greater than 2% for stop control approaches	All d	riveway path o	of travel issue	s and possible	e solutions provided in driveway shapefile (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 4A	D Ramp ID ('z' or 'i' in ramp label indicates no existing ramp)	Possible Solutions		
Curb ramp does not exist and is needed	į				
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%	Ī				
Curb ramp cross slope is greater than 2%	Ī				
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	I				
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>				
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	<u> </u>				
Landing area is less than 5' x 5' or slopes greater than 2%	<u> </u>				
Curb ramp transition onto roadway is greater than 0.25"	<u> </u>				
Counter slope of the gutter or street at the foot of the curb ramp is	İ				
greater than 5%	<u> </u>				
Ponding occurs at base of curb ramp					

GPS ID:

90013



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 Prepared By: CMP Checked By: EPE Client: Program: KHA No.:

Municipal Complex Intersection of Municipal Complex and N Santa Fe Ave Norman GPS ID: 90014 Corridor : Project Name: City:

Item No. Item Description	Quantity	Unit	Unit Pric	е	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	20	SY	\$	12.00 \$	240.00
ODOT 857(F)-8006 Pavement Marking Removal (Traffic Stripe)	0	LF	\$	0.25 \$	-
Crosswalk Pavement Markings	40	LF	\$	6.00 \$	240.00
Repave Roadway	1	LS	\$ 5	,000.00 \$	5,000.00
Fix Ponding	0	LS	\$ 2	,000.00 \$	-
Fix Curb Ramp Transition	2	LS		,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 \$	-

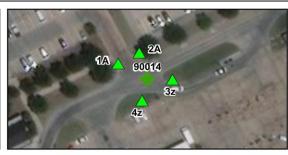
Basis for Cost Projection

No Design Completed
Preliminary Design
Final Design Subtotal: \$
15% \$
20% \$
ect Cost: \$ 10,730.00 1,830.00 Engineering: (% +/-)
Contingency: (% +/-)
Estimated Pro 2,440.00 15,000.00

Project Location







Intersection Issues		Cros	swalk		Possible Solutions	
	N	E	S	W	Possible Solutions	
Path of travel pavement condition	Poor	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	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	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 Ramp Issues	Curb Ramp ID ('z' or 'i' in ramp label indicates no existing ramp)		Possible Solutions		
	1A	2A	3 <i>z</i>	4 <i>z</i>	
Curb ramp does not exist and is needed			<u> </u>	<u> </u>	
Curb ramp does not land in crosswalk	İ		<u> </u>	il	
No 4' x 4' clear space at base of curb ramp	<u>i</u>		<u> </u>	<u> </u>	
Curbed side is not 90° or has traversable adjacent surface	İ		<u> </u>	il	
Flare cross slope is greater than 10%	İ		<u> </u>	jj	
Curb ramp running slope is greater than 8.3%	Ĭ	Χ			
Blended transition running slope is greater than 5%					
Cut-thru ramp running slope is greater than 5%	Ī		Ī	T	Remove and replace curb ramp
Curb ramp cross slope is greater than 2%	X	Χ	I		incentove 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	I		I		
Temporary obstruction (>0.25") in curb ramp/landing/flares	<u> </u>		<u> </u>	<u> </u>	
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	Χ	<u> </u>	<u> </u>	color truncated domes
Landing area does not exist and is needed	<u> </u>		ļ	ļi	
Landing area is less than 5' x 5' or slopes greater than 2%	X		<u> </u>	<u> </u>	Remove and replace landing area
Curb ramp transition onto roadway is greater than 0.25"	X	Х	<u> </u>	ļl	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>	
Ponding occurs at base of curb ramp					



Ramp 1A



Corner 3 No Ramp (3z)



Ramp 2A



Corner 4 No Ramp (4z)

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