# Appendix E



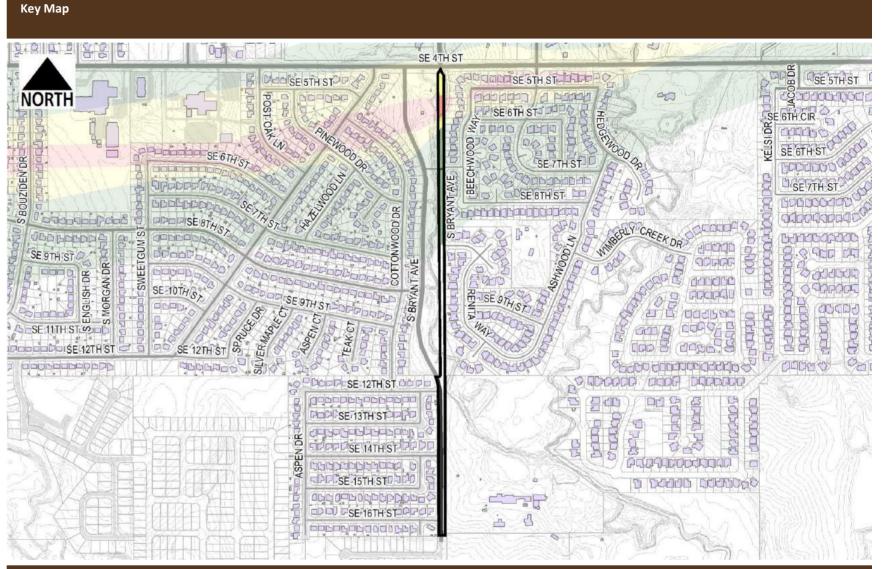
#### **Infrastructure Recovery and Implementation Plan**

Infrastructure Assessment Form

ssessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	2212			
Functional Classification				
Length of Arterial(ft)	1372	0.62	10.00	6.20
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	840	0.38	1.00	0.38
Material				
Length of Asphalt (ft)	749	0.34	10.00	3.39
Length of Concrete (ft)	1463	0.66	5.00	3.31
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1435	0.65	10.00	6.49
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	479	0.22	4.00	0.87
less than 10-years	0	0.00	2.00	0.00
Unknown	298	0.13	1.00	0.13
			Background Score	20.76

Damage Score				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	703	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	1509	0.68	0.00	0.00
			Damage Score	0.64

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1070	0.48	10.00	4.84
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	4.84



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	6	0.05	0.30
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	27	0.05	1.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	10	0.05	0.50	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	10	0.05	0.50	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	10	0.05	0.50	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	6	0.05	0.30	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00		(	Condition Score	3.50

Assessment AreaBryant AvenueAssessment Sub-AreaBA1Infrastructure CategoryStreetsExhibit GroupE.1



## **City of Moore** Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			M. 1. L.C	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weighting	
Long Term Recovery / Economic Revitalization Description	Value	Score	Weighting Factor	Score

		<b>Recovery/Revitalization Score</b>		15.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Bryant Avenue

BA1

Streets

E.1





#### Infrastructure Rating Index (IRI)

50.74

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	1598			
Functional Classification				
Length of Arterial(ft)	1482	0.93	10.00	9.27
Length of Collector (ft)	35	0.02	5.00	0.11
Length of Local (ft)	81	0.05	1.00	0.05
Material				
Length of Asphalt (ft)	771	0.48	10.00	4.82
Length of Concrete (ft)	827	0.52	5.00	2.59
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	507	0.32	10.00	3.17
15 to 20-years	920	0.58	5.00	2.88
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	171	0.11	1.00	0.11
			Background Score	23.01
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	78	0.05	5.00	0.24

Damage Score 0.91

0.67

0.00

2.00

0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

536 984 0.34

0.62

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score Description		Quantity	Factor	Score
SR1 - Alligator Cracking	13	0.05	0.65	SR10 - Weathering / Raveling	2	0.05	0.10
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	1	0.05	0.05
SR3 - Subgrade Failure	42	0.05	2.10	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	4	0.05	0.20	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	5	0.05	0.25	SR14 - Drive Damage	2	0.05	0.10
SR6 - Transverse Cracking	11	0.05	0.55	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00			Condition Score	4.05

Length within EF0 to EF2 Damage Area prior to disaster (ft)

Length Outside Damage Area prior to Disaster (ft)

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Bryant Avenue

BA2

Streets



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Main 641	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Wainkting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00

Q6: Historic capacity / load / design issue with infrastructure 1.00 10.00 10.00 Yes Q7: Projected capacity issue with infrastructure 1.00 5.00 5.00 Yes Q8: Projected maintenance issue with infrastructure 0.00 5.00 0.00 No Recovery/Revitalization Score 25.00

Sustainability			Weighting		
Description	Value	Score	Factor	Score	
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00	
			Sustainability Score	5.00	

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Bryant Avenue

BA2

Streets

E.1



#### Infrastructure Rating Index (IRI)

58.97

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#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

scription	Value			
sessment By	C. Codner			
te Range of Assessment	N/A			
ackground Data		Fraction of	Weighting	
scription	Value	Total Length	Factor	Score
otal Street Length (ft)	5674			
Functional Classification				
Length of Arterial(ft)	5175	0.91	10.00	9.12
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	499	0.09	1.00	0.09
Material				
Length of Asphalt (ft)	5674	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	240	0.04	10.00	0.42
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5434	0.96	1.00	0.96
			Background Score	20.59

Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	174	0.03	10.00	0.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1252	0.22	5.00	1.10
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1627	0.29	2.00	0.57
Length Outside Damage Area prior to Disaster (ft)	2621	0.46	0.00	0.00
			Damage Score	1.98

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	5674	1.00	2.00	2.00
Length within 0.25-mi of Library (ft)	782	0.14	1.00	0.14
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	2.14

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	137	0.05	6.85	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	3	0.05	0.15	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	5	0.05	0.25	SR14 - Drive Damage	4	0.05	0.20
SR6 - Transverse Cracking	20	0.05	1.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	3	0.05	0.15	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	1	0.05	0.05
SR9 - Potholes	0	0.05	0.00			Condition Score	8.80

Assessment AreaBroadway AvenueAssessment Sub-AreaBR1Infrastructure CategoryStreetsExhibit GroupE.1



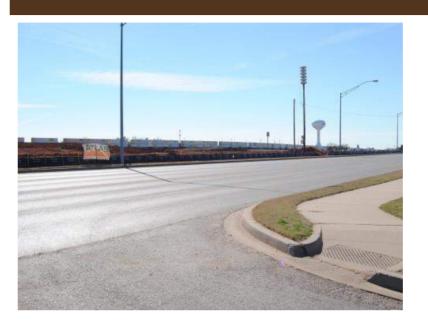
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			<b>14/2:</b>	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Michael Co.	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	very/Revitalization Score	5.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs



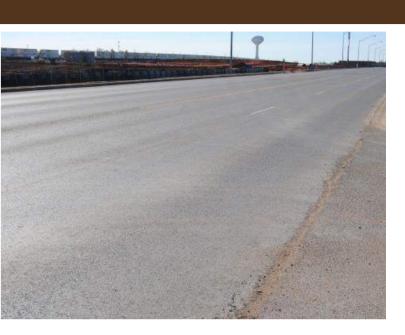


Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Broadway Avenue

BR1

Streets

E.1





#### Infrastructure Rating Index (IRI)

#### 44.51

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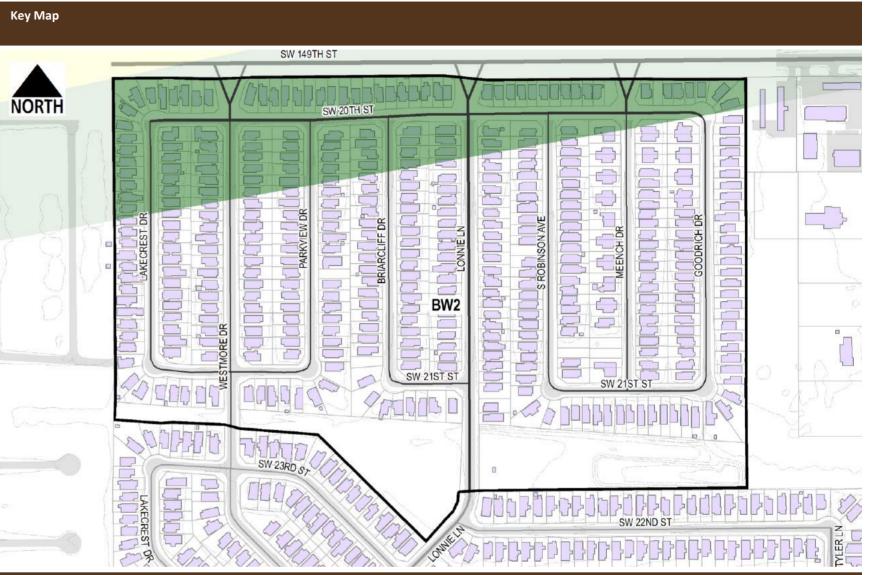
### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	M/a:	
Description	Value	Total Length	Weighting Factor	Score
Total Street Length (ft)	11745			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	3893	0.33	5.00	1.66
Length of Local (ft)	7851	0.67	1.00	0.67
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	11745	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	9957	0.85	10.00	8.48
15 to 20-years	1787	0.15	5.00	0.76
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	16.56

Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3901	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	7844	0.67	0.00	0.00
			Damage Score	0.66

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	7925	0.67	10.00	6.75
Length within 0.25-mi of Junior High School (ft)	170	0.01	5.00	0.07
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	6.82



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	5	0.05	0.25	SR10 - Weathering / Raveling	18	0.05	0.90
SR2 - Surface Irregulatiry	4	0.05	0.20	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	189	0.05	9.45	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	29	0.05	1.45	SR13 - Curb Damage	9	0.05	0.45
SR5 - Longitudinal Cracking	53	0.05	2.65	SR14 - Drive Damage	233	0.05	11.65
SR6 - Transverse Cracking	106	0.05	5.30	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	17	0.05	0.85
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	25	0.05	1.25
SR9 - Potholes	3	0.05	0.15		(	Condition Score	34.55

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Baer's Westmoore

BW2

Streets



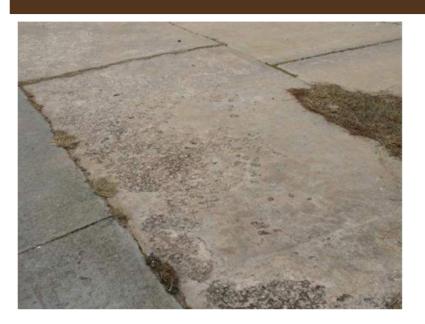
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			W	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			M/a : - 1-4 :	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	very/Revitalization Score	15.00
Sustainability				

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA BW2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Baer's Westmoore BW2 Streets

E.1



#### Infrastructure Rating Index (IRI)

84.60

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#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

escription	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	3844			
Functional Classification				
Length of Arterial(ft)	3403	0.89	10.00	8.85
Length of Collector (ft)	146	0.04	5.00	0.19
Length of Local (ft)	294	0.08	1.00	0.08
Material				
Length of Asphalt (ft)	50	0.01	10.00	0.13
Length of Concrete (ft)	3794	0.99	5.00	4.93
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	173	0.05	10.00	0.45
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	3671	0.95	1.00	0.95
			Background Score	15.59
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	302	0.08	10.00	0.79
Length within EF2 to EF4 Damage Area prior to disaster (ft)	370	0.10	5.00	0.48
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1269	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	1902	0.49	0.00	0.00

1.93

Proximity Analysis		Freetien of	\N/~:~~	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	1	0.05	0.05	SR10 - Weathering / Raveling	34	0.05	1.70
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	7	0.05	0.35
SR3 - Subgrade Failure	64	0.05	3.20	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	5	0.05	0.25	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	12	0.05	0.60	SR14 - Drive Damage	11	0.05	0.55
SR6 - Transverse Cracking	5	0.05	0.25	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	1	0.05	0.05			Condition Score	7.10

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastern Avenue

EA1

Streets



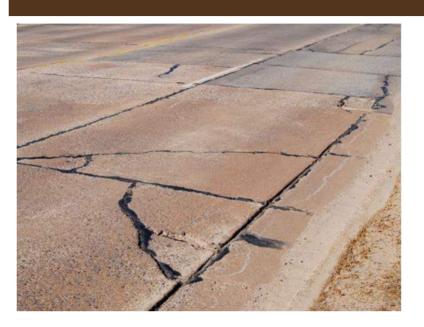
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		F	lealth and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recove	ery/Revitalization Score	15.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
EA1: RECONSTRUCTION OF S. EASTERN AVENUE	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Eastern Avenue

EA1

Streets

E.1



#### Infrastructure Rating Index (IRI)

50.62

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## Infrastructure Recovery and Implementation Plan

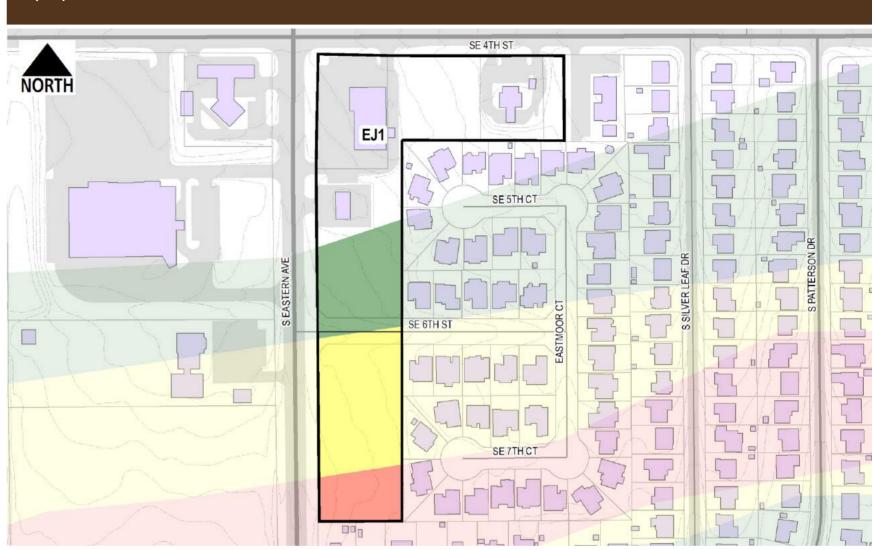
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	200			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	200	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	200	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	200	1.00	4.00	4.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	15.00

Damage Score				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	87	0.44	5.00	2.18
Length within EF0 to EF2 Damage Area prior to disaster (ft)	113	0.57	2.00	1.13
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
			Damage Score	3.31

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

#### Key Map



Condition Analysis	Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	0	0.05	0.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	3	0.05	0.15	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00		(	Condition Score	0.20

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ1

Streets



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Waishting	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
OE: Current condition may be deterring reinvestment	Na	0.00	F 00	0.00

Long Term Recovery / Economic Revitalization			Weighting		
Description	Value	Score	Factor	Score	
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00	
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00	
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00	
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00	
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00	
		Recovery/Revitalization Score		0.00	

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs



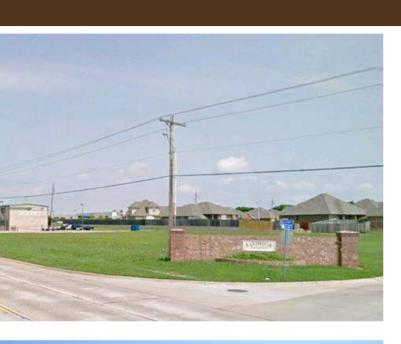


Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Eastmoor / JD Estates EJ1

Streets

E.1





#### Infrastructure Rating Index (IRI)

18.51

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## Infrastructure Recovery and Implementation Plan

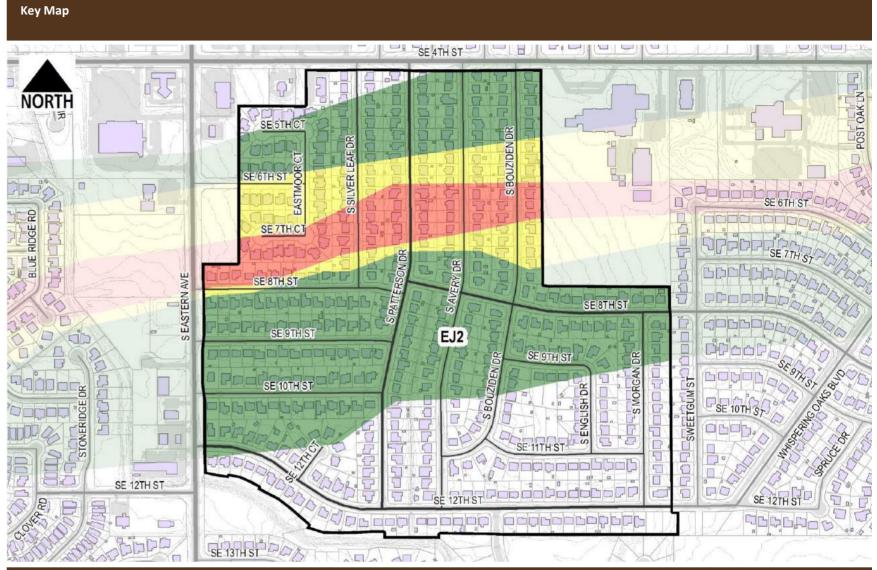
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	20390			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	6620	0.32	5.00	1.62
Length of Local (ft)	13770	0.68	1.00	0.68
Material				
Length of Asphalt (ft)	1427	0.07	10.00	0.70
Length of Concrete (ft)	18963	0.93	5.00	4.65
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	18963	0.93	10.00	9.30
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	1427	0.07	4.00	0.28
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	17.23
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1392	0.07	10.00	0.68
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2299	0.11	5.00	0.56
Length within EF0 to EF2 Damage Area prior to disaster (ft)	10063	0.49	2.00	0.99
Length Outside Damage Area prior to Disaster (ft)	6637	0.33	0.00	0.00

Damage	Score
Dunnuge	00010

2.23

Proximity Analysis		Freedier of	M/a:eb4:ea	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	10253	0.50	10.00	5.03
Length within 0.25-mi of Junior High School (ft)	15567	0.76	5.00	3.82
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	8.85



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	10	0.05	0.50
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	338	0.05	16.90	SR12 - Scaling	2	0.05	0.10
SR4 - Spalling at Joint	23	0.05	1.15	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	57	0.05	2.85	SR14 - Drive Damage	303	0.05	15.15
SR6 - Transverse Cracking	40	0.05	2.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	8	0.05	0.40	SR16 - Abandoned Drive / Sidewalk	32	0.05	1.60
SR8 - Patching	2	0.05	0.10	SR17 - Recent repair work	109	0.05	5.45
SR9 - Potholes	2	0.05	0.10			Condition Score	46.45

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ2

Streets



## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		I	Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weighting	ſ
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00

SustainabilityWeighting<br/>ValueWeighting<br/>FactorScoreDescriptionValueScoreFactorScoreQ9: Opportunity for introduction of sustainable design conceptsYes1.005.005.00Sustainability Score5.00

Yes

1.00

5.00

Recovery/Revitalization Score 15.00

5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA EJ2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Q8: Projected maintenance issue with infrastructure

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates EJ2 Streets

E.1



#### Infrastructure Rating Index (IRI)

100.76

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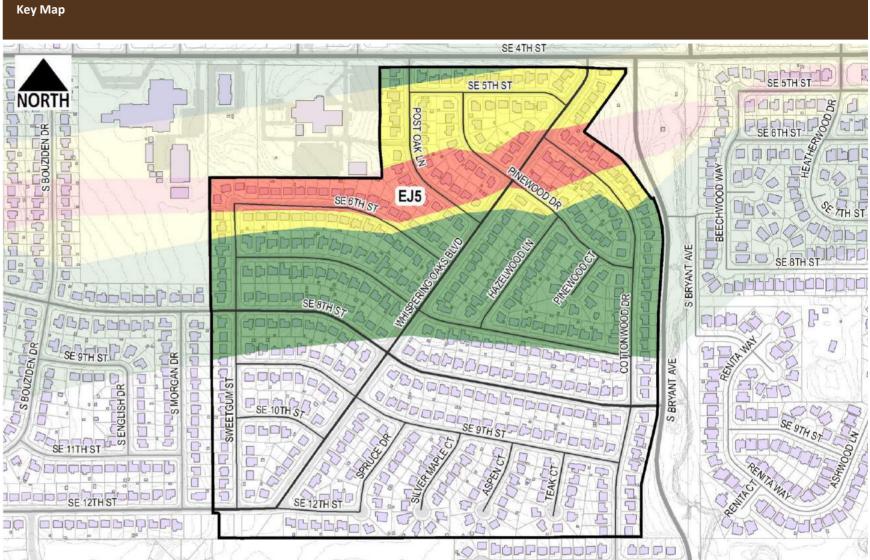


### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

ssessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	22718			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	5839	0.26	5.00	1.29
Length of Local (ft)	16878	0.74	1.00	0.74
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	22718	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	22716	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1	0.00	1.00	0.00
			Background Score	17.03
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2266	0.10	10.00	1.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3000	0.13	5.00	0.66
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7466	0.33	2.00	0.66
Length Outside Damage Area prior to Disaster (ft)	9985	0.44	0.00	0.00
			Damage Score	2.31
Proximity Analysis		<b>_</b>		
		Fraction of	Weighting	

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	4304	0.19	10.00	1.89
Length within 0.25-mi of Junior High School (ft)	10352	0.46	5.00	2.28
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	4.17



Condition Analysis		Weighting	hting			Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	1	0.05	0.05	SR10 - Weathering / Raveling	30	0.05	1.50	
SR2 - Surface Irregulatiry	1	0.05	0.05	SR11 - Corner Break	8	0.05	0.40	
SR3 - Subgrade Failure	382	0.05	19.10	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	83	0.05	4.15	SR13 - Curb Damage	10	0.05	0.50	
SR5 - Longitudinal Cracking	89	0.05	4.45	SR14 - Drive Damage	307	0.05	15.35	
SR6 - Transverse Cracking	39	0.05	1.95	SR15 - Evidence of Ponding	0	0.05	0.00	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	57	0.05	2.85	
SR8 - Patching	14	0.05	0.70	SR17 - Recent repair work	82	0.05	4.10	
SR9 - Potholes	10	0.05	0.50			Condition Score	55.65	

Assessment Area	Eastmoor / JD Estates
Assessment Sub-Area	EJ5
Infrastructure Category	Streets
Exhibit Group	E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			W	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			M/s := 1.6 := -	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	very/Revitalization Score	15.00

Sustainability		Weighting		
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score	Weighting			
Project Description	Score	Factor	Score	
SUB-AREA EJ5: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00	
		Opportunity Score	5.00	

#### Infrastructure Photographs

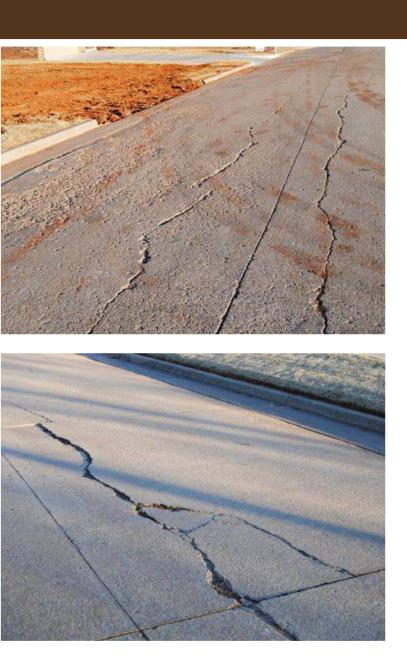




Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Eastmoor / JD Estates EJ5 Streets

E.1



#### Infrastructure Rating Index (IRI)

105.17

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

escription	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Frankransk	M	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	2763			
Functional Classification				
Length of Arterial(ft)	2628	0.95	10.00	9.51
Length of Collector (ft)	24	0.01	5.00	0.04
Length of Local (ft)	111	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	111	0.04	10.00	0.40
Length of Concrete (ft)	2652	0.96	5.00	4.80
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	14.80
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	261	0.09	10.00	0.94
Length within EF2 to EF4 Damage Area prior to disaster (ft)	417	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1050	0.38	2.00	0.76
Length Outside Damage Area prior to Disaster (ft)	1034	0.37	0.00	0.00
			Damage Score	2.46

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

#### Кеу Мар 1 Alland SE 4TH ST -NORTH 000060 POST OAK F EJ6 NEWOOD DR SE'6TH'ST DE noonon 9PPDPP<sup>D</sup>P CDCG\_CDC ppoppb. DR 000 Ĩ gobboc Dioch 3 SE 8TH ST TGUMST GOGON 30 SE 10TH'ST SE9THST POODDDDD abor ES S Suvery TEAK CT SE 12TH ST SE 12TH ST D DDD DDD D

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	30	0.05	1.50	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	4	0.05	0.20	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	30	0.05	1.50	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	1	0.05	0.05	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	2	0.05	0.10	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00		C	ondition Score	3.50

Assessment AreaEastmoor / JD EstatesAssessment Sub-AreaEJ6Infrastructure CategoryStreetsExhibit GroupE.1





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Mainh4in a	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weisheine	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Mainh4in a	
Description	Value	Score	Weighting Factor	Score
	Yes	1.00	5.00	5.00

#### Infrastructure Photographs





Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		Hea	alth and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00

Recovery/Revitalization Score 15.00

Sustainability	Weighting			
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA EJ6: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Eastmoor / JD Estates EJ6

Streets

E.1



#### Infrastructure Rating Index (IRI)

46.76

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	8114			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	1229	0.15	5.00	0.76
Length of Local (ft)	6885	0.85	1.00	0.85
Material				
Length of Asphalt (ft)	8114	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	3628	0.45	5.00	2.24
10 to 15-years	4486	0.55	4.00	2.21
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	16.05
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	562	0.07	10.00	0.69
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1005	0.12	5.00	0.62
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5089	0.63	2.00	1.25
Length Outside Damage Area prior to Disaster (ft)	1457	0.18	0.00	0.00
			Damage Score	2.57
Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00

0

0

0

0

0.00

0.00

0.00

0.00

5.00

2.00

1.00

1.00

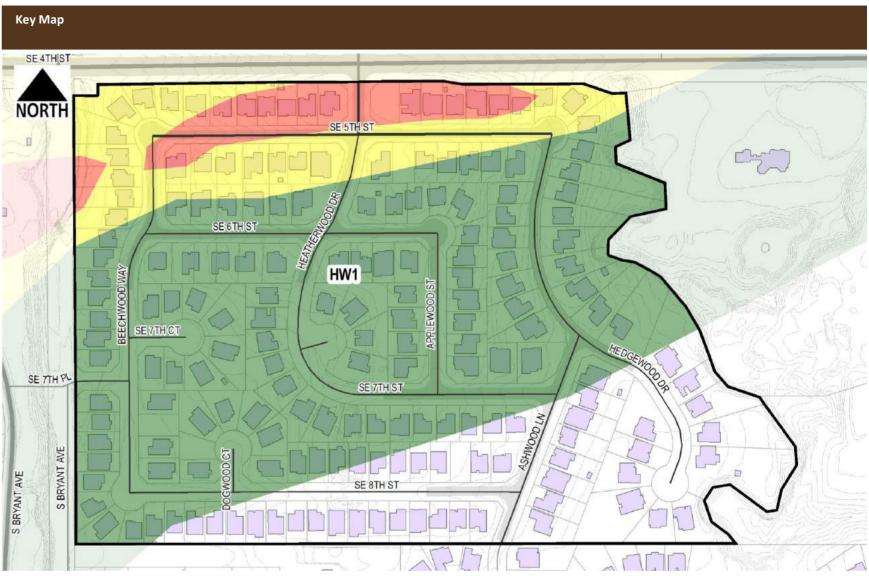
Proximity Score 0.00

0.00

0.00

0.00

0.00



Condition Analysis		Weighting				Weighting	ahtina	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00	
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00	
SR3 - Subgrade Failure	54	0.05	2.70	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00	
SR5 - Longitudinal Cracking	2	0.05	0.10	SR14 - Drive Damage	3	0.05	0.15	
SR6 - Transverse Cracking	145	0.05	7.25	SR15 - Evidence of Ponding	0	0.05	0.00	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	10	0.05	0.50	
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	15	0.05	0.75	
SR9 - Potholes	0	0.05	0.00			Condition Score	11.50	

Report Date: 3/10/2015 4:56:53 PM

Length within 0.25-mi of Junior High School (ft)

Length within 0.25-mi of Community Center (ft)

Length within 0.25-mi of Medical Facility (ft)

Length within 0.25-mi of Library (ft)

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Heatherwood HW1

Streets



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Mainh4in r	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		He	ealth and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Mainhtin n	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recover	ry/Revitalization Score	0.00
Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Weighting Factor	Score
SUB-AREA HW1: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Heatherwood

HW1

Streets

E.1



#### Infrastructure Rating Index (IRI)

41.12

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

scription	Value			
ssessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Wainkinn	
Description	Value	Total Length	Weighting Factor	Score
Total Street Length (ft)	7826			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	3947	0.50	5.00	2.52
Length of Local (ft)	3880	0.50	1.00	0.50
Material				
Length of Asphalt (ft)	1	0.00	10.00	0.00
Length of Concrete (ft)	7825	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	7826	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	18.02

Damage Score		Exection of	\\\_:=++:==	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	29	0.00	5.00	0.02
Length within EF0 to EF2 Damage Area prior to disaster (ft)	6144	0.79	2.00	1.57
Length Outside Damage Area prior to Disaster (ft)	1654	0.21	0.00	0.00
			Damage Score	1.59

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

#### Кеу Мар



Condition Analysis		Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	6	0.05	0.30	
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00	
SR3 - Subgrade Failure	134	0.05	6.70	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	3	0.05	0.15	
SR5 - Longitudinal Cracking	7	0.05	0.35	SR14 - Drive Damage	101	0.05	5.05	
SR6 - Transverse Cracking	4	0.05	0.20	SR15 - Evidence of Ponding	4	0.05	0.20	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	1	0.05	0.05	
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	8	0.05	0.40	
SR9 - Potholes	0	0.05	0.00			Condition Score	13.40	

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group



Streets



## **City of Moore** Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	40027.2010.04.2 Yes	1.00	5.00	5.00
	103	1.00	LMI Score	15.00
Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		ŀ	lealth and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weinheim -	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recove	ery/Revitalization Score	15.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Weighting Factor	Score
SUB-AREA KM2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
SUB-AREA LR1: EXTENSION OF S. JANEWAY TO SW 10TH	1.00	5.00	5.00
			40.00

Opportunity Score 10.00

Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

King's Manor KM2 Streets E.1



#### Infrastructure Rating Index (IRI)

79.01

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

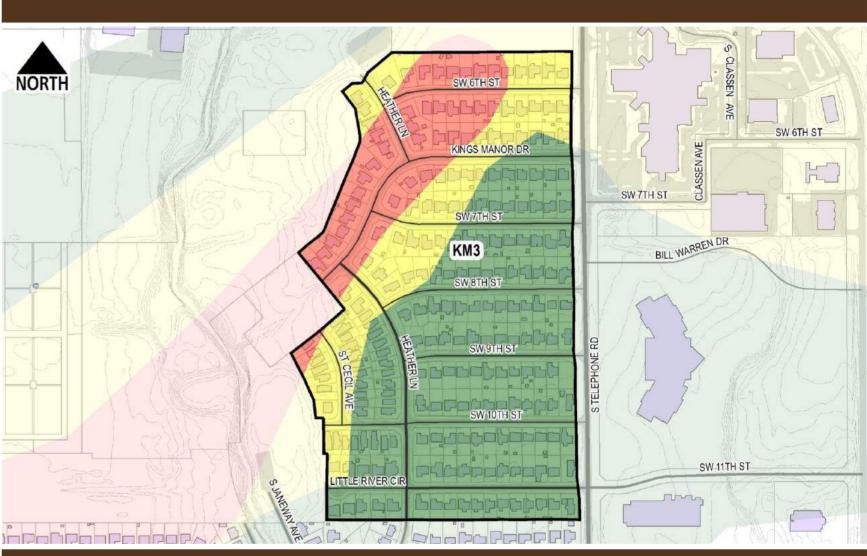
	Value			
Description				
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	M/a:	
Description	Value	Total Length	Weighting Factor	Score
Total Street Length (ft)	9052			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	1986	0.22	5.00	1.10
Length of Local (ft)	7066	0.78	1.00	0.78
Material				
Length of Asphalt (ft)	7370	0.81	10.00	8.14
Length of Concrete (ft)	1682	0.19	5.00	0.93
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	9052	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	20.95

Damage Score		Frenting of	M/-:	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1889	0.21	10.00	2.09
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1822	0.20	5.00	1.01
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5342	0.59	2.00	1.18
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
			Damage Score	4.27

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	6969	0.77	1.00	0.77

Proximity Score 0.77

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	1	0.05	0.05	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	53	0.05	2.65	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	10	0.05	0.50
SR5 - Longitudinal Cracking	5	0.05	0.25	SR14 - Drive Damage	109	0.05	5.45
SR6 - Transverse Cracking	117	0.05	5.85	SR15 - Evidence of Ponding	2	0.05	0.10
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	58	0.05	2.90
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	78	0.05	3.90
SR9 - Potholes	0	0.05	0.00			Condition Score	21.65

Assessment Area	King's Manor
Assessment Sub-Area	KM3
Infrastructure Category	Streets
Exhibit Group	E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

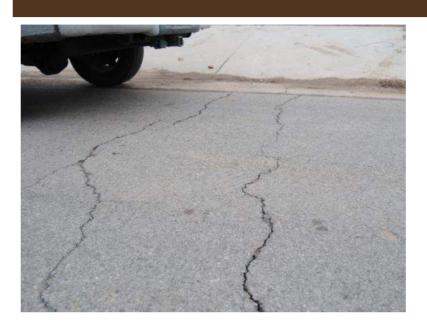
LMI Benefit			M/a:	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		Не	alth and Safety Score	1.00
Long Term Recovery / Economic Revitalization			M/a:	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recovery	/Revitalization Score	15.00
Sustainability			Weighting	
Description	Value	Score	Factor	Score

Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		<b>18/2:</b>	
Project Description	Score	Weighting Factor	Score
SUB-AREA KM3: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
TRAFFIC CIRCLE/CALMING PER PUBLIC COMMENT AT PUBLIC MTG 10/13/14.	1.00	5.00	5.00
TRAFFIC CALMING, CIRCLE, SPEED HUMPS PER PUBLIC COMMENT AT 10/13/14 MEETING	1.00	5.00	5.00
		Onnortunity Seere	45.00

Opportunity Score 15.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

King's Manor KM3 Streets E.1

#### Infrastructure Rating Index (IRI)

98.64

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## Infrastructure Recovery and Implementation Plan

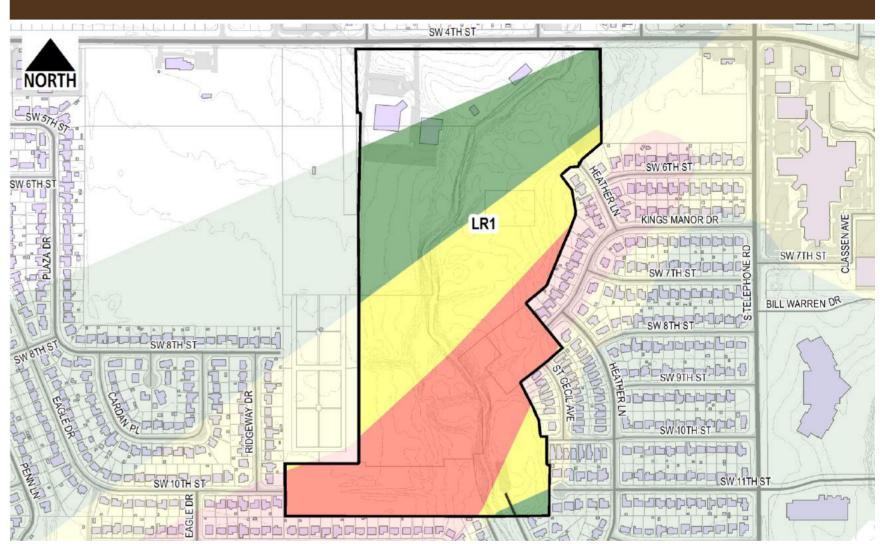
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Factoriat	Water	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	171			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	147	0.86	5.00	4.30
Length of Local (ft)	24	0.14	1.00	0.14
Material				
Length of Asphalt (ft)	21	0.12	10.00	1.23
Length of Concrete (ft)	150	0.88	5.00	4.39
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1	0.01	10.00	0.06
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	171	1.00	1.00	1.00
			Background Score	11.11
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score

Description	Value	Total Length	Factor	Score
Description	Value	Total Length	Facioi	30010
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3	0.02	10.00	0.18
Length within EF2 to EF4 Damage Area prior to disaster (ft)	98	0.57	5.00	2.87
Length within EF0 to EF2 Damage Area prior to disaster (ft)	71	0.42	2.00	0.83
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
			Damage Score	3.87

Proximity Analysis		Fraction of	Mainhlinn	
Description	Value	Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	21	0.12	1.00	0.12
			Proximity Score	0.12

#### Key Map



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	0	0.05	0.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	0	0.05	0.00	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	0	0.05	0.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	4	0.05	0.20
SR9 - Potholes	0	0.05	0.00		C	ondition Score	0.20

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

LR1 Streets

Little River



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00

Health and Safety Score 0.00

Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recovery/Revitalization Score		0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
			Sustainability Score	0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA LR1: EXTENSION OF S. JANEWAY TO SW 10TH	1.00	5.00	5.00
LR1: NEW PARKING AREA AT CECIL AVENUE AND KINS MANOR DRIVE CONNECTION	1.00	5.00	5.00

Opportunity Score 10.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Little River LR1 Streets E.1





#### Infrastructure Rating Index (IRI)

30.31

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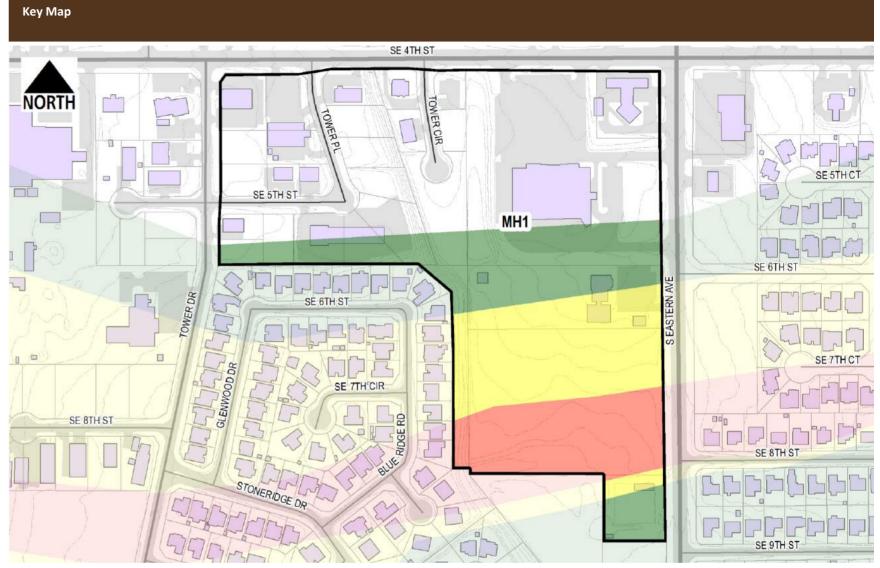


# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

escription	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		For sting of	Weishting	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	1122			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	1122	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	1122	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1122	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	16.00
Damage Score		E so Cara -	W. 5. L (	
Description	Value	Fraction of	Weighting	Coord

Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	1122	1.00	0.00	0.00
			Damage Score	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	822	0.73	2.00	1.47
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	1.47



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	16	0.05	0.80	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	10	0.05	0.50
SR6 - Transverse Cracking	2	0.05	0.10	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	2	0.05	0.10
SR9 - Potholes	0	0.05	0.00			Condition Score	1.60

Assessment Area	Madison Place / Hunter's Gl
Assessment Sub-Area	MH1
Infrastructure Category	Streets
Exhibit Group	E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weishter	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Mainheim -	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	overy/Revitalization Score	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Madison Place / Hunter's Gl MH1 Streets E.1



#### Infrastructure Rating Index (IRI)

25.07

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	10124			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	826	0.08	5.00	0.41
Length of Local (ft)	9298	0.92	1.00	0.92
Material				
Length of Asphalt (ft)	3845	0.38	10.00	3.80
Length of Concrete (ft)	6279	0.62	5.00	3.10
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	6227	0.62	10.00	6.15
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	3896	0.38	4.00	1.54
less than 10-years	0	0.00	2.00	0.00
Unknown	1	0.00	1.00	0.00
			Background Score	15.92
Damage Score	Value	Fraction of	Weighting	S
Description Length within EF4 to EF5 Damage Area prior to disaster (ft)	999	Total Length 0.10	Factor 10.00	Score 0.99
Length within EF2 to EF4 Damage Area prior to disaster (it)	1702	0.10	5.00	0.99
Length within EF0 to EF2 Damage Area prior to disaster (it)	3472	0.17	2.00	0.69
Length Outside Damage Area prior to Disaster (ft)	3951	0.34	0.00	0.00
	0001	0.00	Damage Score	2.51
Proximity Analysis		For the state	M. 5. L.C	
Description	Value	Fraction of Total Length	Weighting Factor	Score

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	5474	0.54	2.00	1.08
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	1.08



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	5	0.05	0.25
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	6	0.05	0.30
SR3 - Subgrade Failure	131	0.05	6.55	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	20	0.05	1.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	9	0.05	0.45	SR14 - Drive Damage	77	0.05	3.85
SR6 - Transverse Cracking	44	0.05	2.20	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	16	0.05	0.80
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	25	0.05	1.25
SR9 - Potholes	0	0.05	0.00		(	Condition Score	16.70

 Assessment Area
 Madison Place / Hunter's Gl

 Assessment Sub-Area
 MH2

 Infrastructure Category
 Streets

 Exhibit Group
 E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			10/2:244:22	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Wainhting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		н	ealth and Safety Score	1.00
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recove	ry/Revitalization Score	5.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Weighting Factor	Score
SUB-AREA MH2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Madison Place / Hunter's Gl MH2 Streets E.1



#### Infrastructure Rating Index (IRI)

52.21

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### Infrastructure Recovery and Implementation Plan

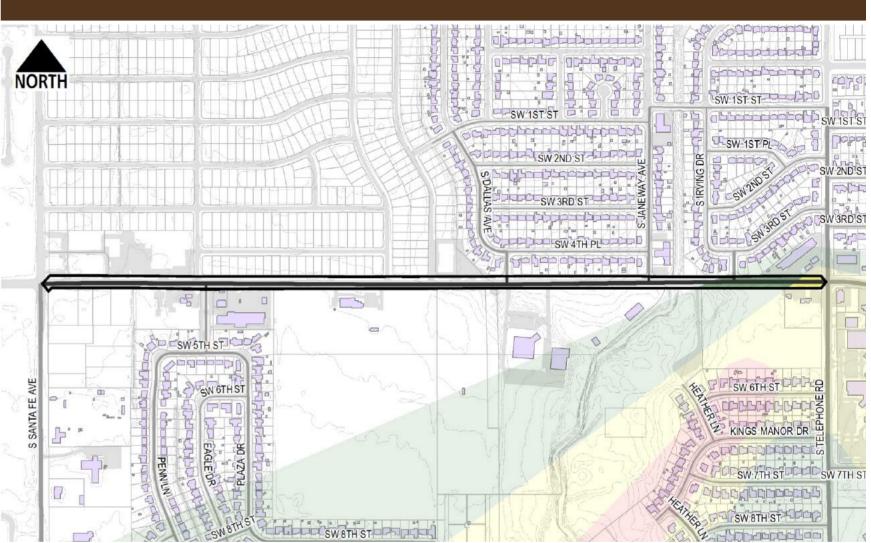
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
otal Street Length (ft)	5457			
Functional Classification				
Length of Arterial(ft)	5253	0.96	10.00	9.63
Length of Collector (ft)	205	0.04	5.00	0.19
Length of Local (ft)	0	0.00	1.00	0.00
Material				
Length of Asphalt (ft)	159	0.03	10.00	0.29
Length of Concrete (ft)	5298	0.97	5.00	4.85
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	21	0.00	10.00	0.04
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5437	1.00	1.00	1.00
			Background Score	15.99
Damage Score		Fraction of	Weighting	

Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	213	0.04	5.00	0.20
Length within EF0 to EF2 Damage Area prior to disaster (ft)	621	0.11	2.00	0.23
Length Outside Damage Area prior to Disaster (ft)	4623	0.85	0.00	0.00
			Damage Score	0.42

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	1316	0.24	1.00	0.24
			Proximity Score	0.24

#### Кеу Мар



Condition Analysis Description Quantity		Weighting				Weighting		
		Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00	
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	5	0.05	0.25	
SR3 - Subgrade Failure	7	0.05	0.35	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	6	0.05	0.30	SR13 - Curb Damage	3	0.05	0.15	
SR5 - Longitudinal Cracking	121	0.05	6.05	SR14 - Drive Damage	14	0.05	0.70	
SR6 - Transverse Cracking	8	0.05	0.40	SR15 - Evidence of Ponding	0	0.05	0.00	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	7	0.05	0.35	
SR8 - Patching	7	0.05	0.35	SR17 - Recent repair work	40	0.05	2.00	
SR9 - Potholes	0	0.05	0.00			Condition Score	10.90	

Assessment Area	North 4th Stree
Assessment Sub-Area	N4A
Infrastructure Category	Streets
Exhibit Group	E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		I	Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recov	ery/Revitalization Score	15.00
Sustainability			M/aish4iaa	
Beer lefter	Mal a	0	Weighting	0

oustainability	Weighting				
Description	Value	Score	Factor	Score	
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00	
			Sustainability Score	5.00	

Opportunity Score	Wainhting		
Project Description	Score	Weighting Factor	Score
N4A: RECONSTRUCTION OF SE 4TH STREET	1.00	5.00	5.00
INTERSECTION IMPROVEMENTS AT WILSON AND SW4TH, PEDESTRIAN SAFETY	1.00	5.00	5.00
			10.00

Opportunity Score 10.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4A Streets E.1



#### Infrastructure Rating Index (IRI)

63.56

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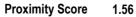


### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

	Value	Total Length		ocore
Proximity Analysis Description	Value	Fraction of Total Length	Weighting Factor	Score
			Damage Score	0.00
Length Outside Damage Area prior to Disaster (ft)	3152	1.00	0.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
ength within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
ength within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Damage Score	Value	Fraction of Total Length	Weighting Factor	Score
			Background Score	20.67
Unknown	3086	0.98	1.00	0.98
less than 10-years	0	0.00	2.00	0.00
10 to 15-years	0	0.00	4.00	0.00
15 to 20-years	0	0.00	5.00	0.00
More than 20-years	66	0.02	10.00	0.21
Age				
Length of Other (ft)	0	0.00	1.00	0.00
Length of Concrete (ft)	67	0.02	5.00	0.11
Length of Asphalt (ft)	3085	0.98	10.00	9.79
Material				
Length of Local (ft)	121	0.04	1.00	0.04
Length of Collector (ft)	42	0.01	5.00	0.07
Length of Arterial(ft)	2989	0.95	10.00	9.48
Functional Classification				
Total Street Length (ft)	3152			
Description	Value	Total Length	Factor	Score
Background Data		Fraction of	Weighting	
Date Range of Assessment	N/A			
Assessment By	C. Codner			
Description	Value			
Assessment Data				

I	Description	Value	Total Length	Factor	Score
l	Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
L	Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
L	Length within 0.25-mi of Community Center (ft)	2091	0.66	2.00	1.33
l	Length within 0.25-mi of Library (ft)	741	0.24	1.00	0.24
l	Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
				Broximity Score	1 56





Condition Analysis		Weighting				Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	3	0.05	0.15	SR10 - Weathering / Raveling	5	0.05	0.25	
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	12	0.05	0.60	
SR3 - Subgrade Failure	28	0.05	1.40	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	17	0.05	0.85	SR13 - Curb Damage	7	0.05	0.35	
SR5 - Longitudinal Cracking	11	0.05	0.55	SR14 - Drive Damage	12	0.05	0.60	
SR6 - Transverse Cracking	16	0.05	0.80	SR15 - Evidence of Ponding	0	0.05	0.00	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	4	0.05	0.20	
SR8 - Patching	4	0.05	0.20	SR17 - Recent repair work	0	0.05	0.00	
SR9 - Potholes	4	0.05	0.20		(	Condition Score	6.15	

Assessment AreaNorth 4th StreetAssessment Sub-AreaN4BInfrastructure CategoryStreetsExhibit GroupE.1



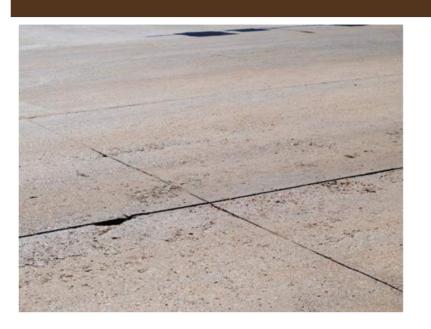
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			W/sish4ing	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			W/sish4ing	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	overy/Revitalization Score	30.00

Sustainability				
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
N4B: RECONSTRUCTION OF SE 4TH STREET	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4B Streets E.1



#### Infrastructure Rating Index (IRI)

69.38

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
otal Street Length (ft)	5936			
Functional Classification				
Length of Arterial(ft)	5317	0.90	10.00	8.96
Length of Collector (ft)	139	0.02	5.00	0.12
Length of Local (ft)	481	0.08	1.00	0.08
Material				
Length of Asphalt (ft)	5259	0.89	10.00	8.86
Length of Concrete (ft)	677	0.11	5.00	0.57
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	232	0.04	10.00	0.39
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	17	0.00	4.00	0.01
less than 10-years	0	0.00	2.00	0.00
Unknown	5687	0.96	1.00	0.96
			Background Score	19.95
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
ength within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
ength within EF2 to EF4 Damage Area prior to disaster (ft)	610	0.10	5.00	0.51
ength within EF0 to EF2 Damage Area prior to disaster (ft)	3519	0.59	2.00	1.19
ength Outside Damage Area prior to Disaster (ft)	1807	0.30	0.00	0.00
			Damage Score	1.70
Proximity Analysis				
		Fraction of	Mainhting	
Description	Value	Total Length	Weighting Factor	Score

3897

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Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	4	0.05	0.20	SR10 - Weathering / Raveling	22	0.05	1.10
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	7	0.05	0.35
SR3 - Subgrade Failure	90	0.05	4.50	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	18	0.05	0.90	SR13 - Curb Damage	9	0.05	0.45
SR5 - Longitudinal Cracking	32	0.05	1.60	SR14 - Drive Damage	16	0.05	0.80
SR6 - Transverse Cracking	13	0.05	0.65	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	4	0.05	0.20
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	14	0.05	0.70
SR9 - Potholes	1	0.05	0.05			Condition Score	11.55

Proximity Score 3.28

3.28

0.00

0.00

0.00

5.00

2.00

1.00

1.00

Length within 0.25-mi of Junior High School (ft)

Length within 0.25-mi of Community Center (ft)

Length within 0.25-mi of Medical Facility (ft)

Length within 0.25-mi of Library (ft)

Assessment Area	North 4th Stree
Assessment Sub-Area	N4C
Infrastructure Category	Streets
Exhibit Group	E.1





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Waiahting	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			M/sishiins	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		ŀ	lealth and Safety Score	1.00
Long Term Recovery / Economic Revitalization			M. 1. 1. 1.	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recove	ery/Revitalization Score	30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
N4C: RECONSTRUCTION OF SE 4TH STREET	1.00	5.00	5.00
		Opportunity Score	5.00

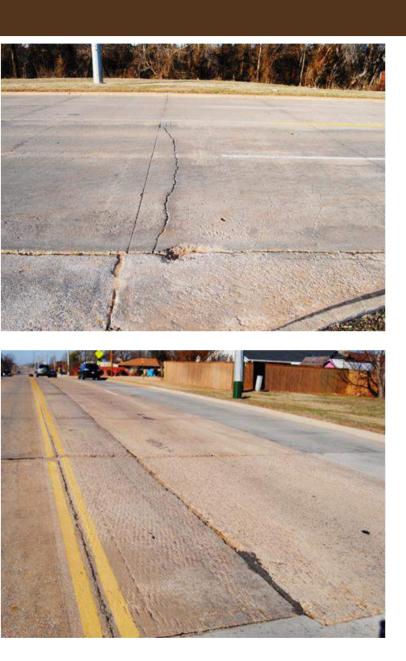
#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4C Streets E.1



#### Infrastructure Rating Index (IRI)

77.48

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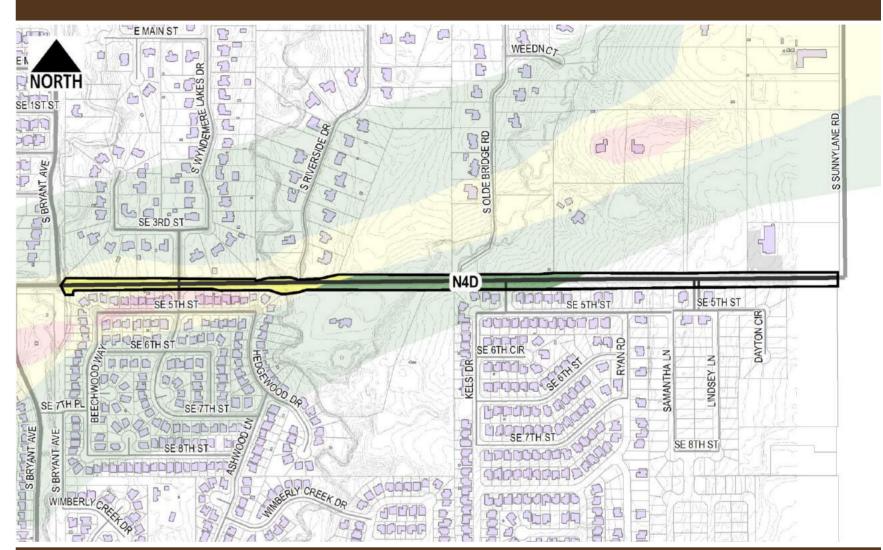
#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

escription	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	5663			
Functional Classification				
Length of Arterial(ft)	5286	0.93	10.00	9.33
Length of Collector (ft)	293	0.05	5.00	0.26
Length of Local (ft)	84	0.01	1.00	0.01
Material				
Length of Asphalt (ft)	5663	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	43	0.01	4.00	0.03
less than 10-years	0	0.00	2.00	0.00
Unknown	5620	0.99	1.00	0.99
			Background Score	20.63
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1970	0.35	5.00	1.74
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1752	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	1940	0.34	0.00	0.00
			Damage Score	2.36

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

#### Key Map



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregulatiry	1	0.05	0.05	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	87	0.05	4.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	3	0.05	0.15	SR14 - Drive Damage	3	0.05	0.15
SR6 - Transverse Cracking	159	0.05	7.95	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00			Condition Score	12.75

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4D Streets



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Wainhting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	overy/Revitalization Score	15.00

Sustainability	Weighting			
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4D Streets E.1



#### Infrastructure Rating Index (IRI)

56.74

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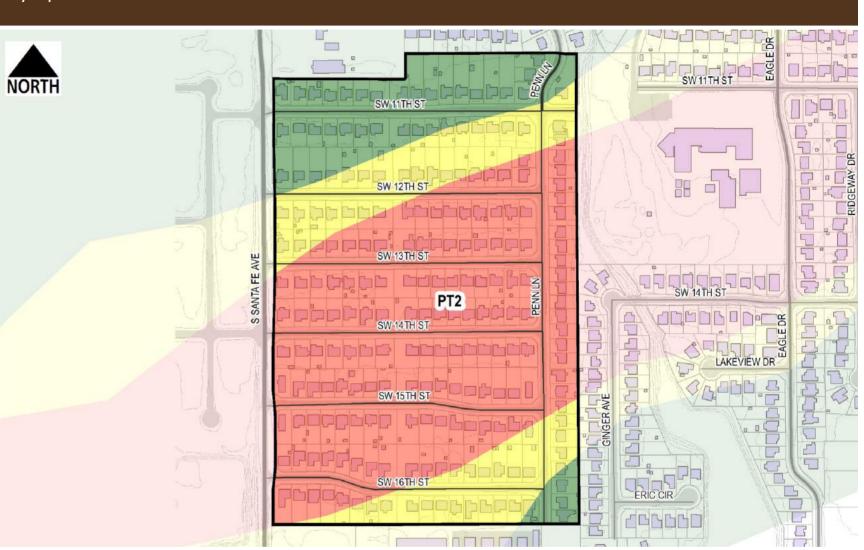
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	8903			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	266	0.03	5.00	0.15
Length of Local (ft)	8637	0.97	1.00	0.97
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	8903	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	8903	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	16.12

Damage Score		Fraction of	Mainhting	
Description	Value	Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	5470	0.61	10.00	6.14
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2002	0.22	5.00	1.12
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1431	0.16	2.00	0.32
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
			Damage Score	7.59

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	8479	0.95	10.00	9.52
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	9.52

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	17	0.05	0.85
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	2	0.05	0.10
SR3 - Subgrade Failure	62	0.05	3.10	SR12 - Scaling	2	0.05	0.10
SR4 - Spalling at Joint	1	0.05	0.05	SR13 - Curb Damage	37	0.05	1.85
SR5 - Longitudinal Cracking	30	0.05	1.50	SR14 - Drive Damage	24	0.05	1.20
SR6 - Transverse Cracking	36	0.05	1.80	SR15 - Evidence of Ponding	85	0.05	4.25
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	87	0.05	4.35
SR8 - Patching	5	0.05	0.25	SR17 - Recent repair work	95	0.05	4.75
SR9 - Potholes	3	0.05	0.15			Condition Score	24.30

Assessment Area	Plaza Towers
Assessment Sub-Area	PT2
Infrastructure Category	Streets
Exhibit Group	E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			<b></b>	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Matcheller	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recov	very/Revitalization Score	30.00
Sustainability				

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
RECONSTRUCTION OF ALL PUBLIC ROADWAYS WITHIN SUB-AREA PT2	1.00	5.00	5.00
SW 11TH STREET CONNECTION @ PLAZA TOWERS ELEMENTARY	1.00	5.00	5.00
			40.00

Opportunity Score 10.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT2 Streets

E.1



#### Infrastructure Rating Index (IRI)

108.53

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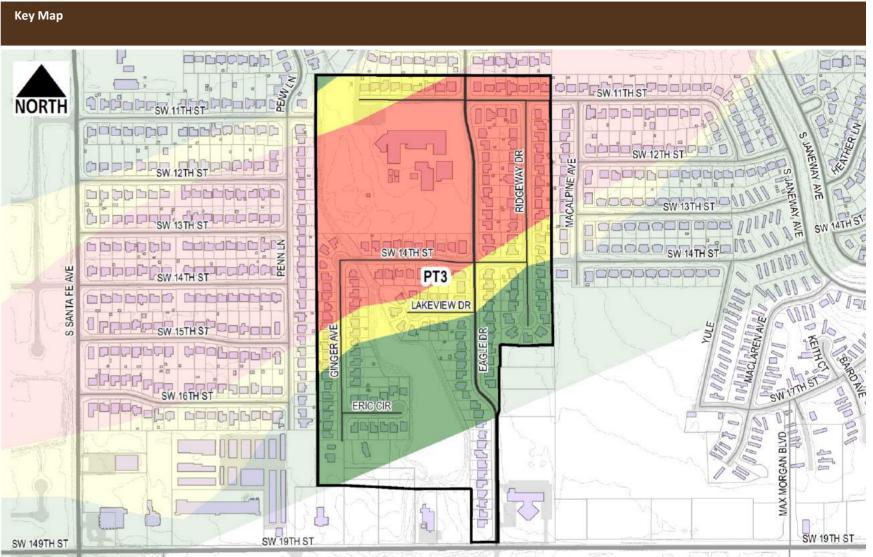


#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	7705			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	2646	0.34	5.00	1.72
Length of Local (ft)	5059	0.66	1.00	0.66
Material				
Length of Asphalt (ft)	1711	0.22	10.00	2.22
Length of Concrete (ft)	5995	0.78	5.00	3.89
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	4775	0.62	10.00	6.20
15 to 20-years	2921	0.38	5.00	1.90
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	10	0.00	1.00	0.00
			Background Score	16.58
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3687	0.48	10.00	4.79
ength within EF2 to EF4 Damage Area prior to disaster (ft)	1564	0.20	5.00	1.01
ength within EF0 to EF2 Damage Area prior to disaster (ft)	1756	0.23	2.00	0.46
Length Outside Damage Area prior to Disaster (ft)	698	0.09	0.00	0.00
			Damage Score	6.26
Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Longth within 0.25 mi of Elementary School (ff)	7200	0.05	10.00	0.47

Proximity Analysis		Fraction of	Wainhting		
Description	Value	Total Length	Weighting Factor	Score	
Length within 0.25-mi of Elementary School (ft)	7299	0.95	10.00	9.47	
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00	
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00	
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00	
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00	_
			Proximity Score	9.47	_



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	10	0.05	0.50
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	127	0.05	6.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	8	0.05	0.40
SR5 - Longitudinal Cracking	9	0.05	0.45	SR14 - Drive Damage	14	0.05	0.70
SR6 - Transverse Cracking	40	0.05	2.00	SR15 - Evidence of Ponding	2	0.05	0.10
SR7 - Shoving	1	0.05	0.05	SR16 - Abandoned Drive / Sidewalk	57	0.05	2.85
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	64	0.05	3.20
SR9 - Potholes	0	0.05	0.00		(	Condition Score	16.60

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Plaza Towers PT3 Streets



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Waighting	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Walahting	
Description	Value	Score	Weighting Factor	Score

Yes

1.00

Q3: Opportunity to harden infrastructure against future disasters

1.00 Health and Safety Score 1.00

1.00

Long Term Recovery / Economic Revitalization						
Description	Value	Score	Factor	Score		
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00		
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00		
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00		
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00		
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00		
		Recovery	Revitalization Score	30.00		

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score			
Project Description	Score	Weighting Factor	Score
SUB-AREA PT3: RECONSTRUCTION OF ALL PUBLIC ROADS	1.00	5.00	5.00
PT3: RECONFIGURATION OF DEAD END ROADWAY AT GINGER AVENUE	1.00	5.00	5.00
SW 11TH STREET CONNECTION @ PLAZA TOWERS ELEMENTARY	1.00	5.00	5.00
STREET WIDENING AT PERIMETER OF PLAZA TOWERS ELEM, PICK-UP LANE, TRAFFIC CALM	1.00	5.00	5.00
		Opportunity Score	20.00

#### Infrastructure Photographs

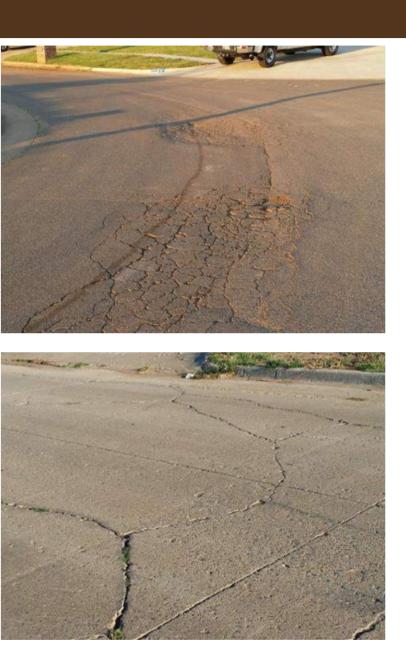




Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT3 Streets

E.1



#### Infrastructure Rating Index (IRI)

109.91

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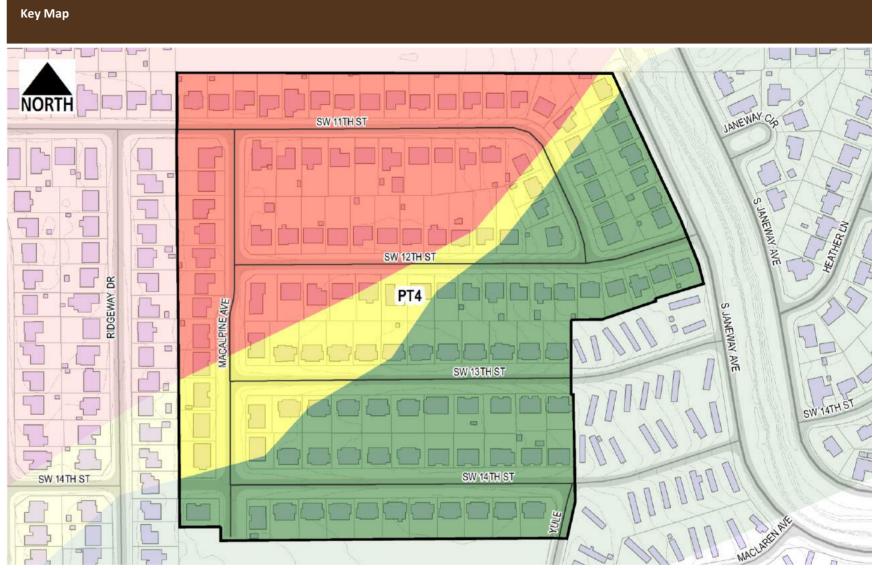


## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	5290			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	5290	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	5290	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	5290	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	16.00
Damage Score Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1954	0.37	10.00	3.69
Length within EF2 to EF4 Damage Area prior to disaster (ft)	812	0.15	5.00	0.77
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2524	0.48	2.00	0.95
Length Outside Damage Area prior to Disaster (ft)	0	0.00	0.00	0.00
			Damage Score	5.42
Proximity Analysis		Functions of	Wainkting	
Description	Value	Fraction of Total Length	Weighting Factor	Score

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	4068	0.77	10.00	7.69
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	7.69



Condition Analysis		Weiahtina	Weighting			Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	110	0.05	5.50	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	1	0.05	0.05	SR13 - Curb Damage	8	0.05	0.40
SR5 - Longitudinal Cracking	17	0.05	0.85	SR14 - Drive Damage	13	0.05	0.65
SR6 - Transverse Cracking	20	0.05	1.00	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	99	0.05	4.95
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	16	0.05	0.80
SR9 - Potholes	0	0.05	0.00			Condition Score	14.20

Assessment AreaPlaza TowersAssessment Sub-AreaPT4Infrastructure CategoryStreetsExhibit GroupE.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			W/a:=h4:==	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Weischeten	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	overy/Revitalization Score	15.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		M/=:====	
Project Description	Score	Weighting Factor	Score
SUB-AREA PT4: RECONSTRUCTION OF ALL PUBLIC ROADWAYS	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group E.1

Plaza Towers PT4 Streets



#### Infrastructure Rating Index (IRI)

74.31

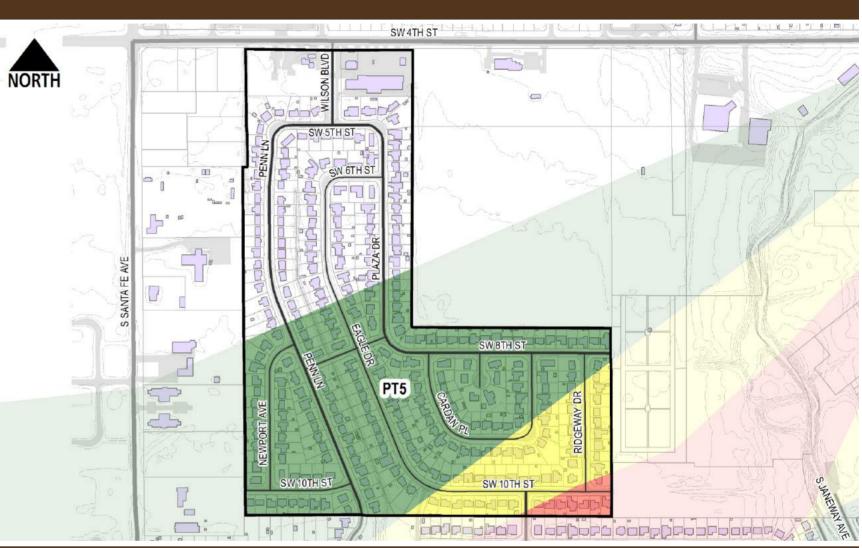
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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	13232			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	5810	0.44	5.00	2.20
Length of Local (ft)	7422	0.56	1.00	0.56
Material				
Length of Asphalt (ft)	1029	0.08	10.00	0.78
Length of Concrete (ft)	12203	0.92	5.00	4.61
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	13232	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	18.15
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	340	0.03	10.00	0.26
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1578	0.12	5.00	0.60
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7412	0.56	2.00	1.12

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Condition Analysis		Weighting				Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	1	0.05	0.05	SR10 - Weathering / Raveling	19	0.05	0.95	
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	9	0.05	0.45	
SR3 - Subgrade Failure	262	0.05	13.10	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	8	0.05	0.40	SR13 - Curb Damage	22	0.05	1.10	
SR5 - Longitudinal Cracking	62	0.05	3.10	SR14 - Drive Damage	115	0.05	5.75	
SR6 - Transverse Cracking	24	0.05	1.20	SR15 - Evidence of Ponding	33	0.05	1.65	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	24	0.05	1.20	
SR8 - Patching	1	0.05	0.05	SR17 - Recent repair work	150	0.05	7.50	
SR9 - Potholes	0	0.05	0.00			Condition Score	36.50	

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	9578	0.72	10.00	7.24
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	7.24

3903

0.29

0.00

Damage Score 1.97

0.00

Length Outside Damage Area prior to Disaster (ft)

Assessment Area Plaza Towers PT5 Assessment Sub-Area Infrastructure Category Streets Exhibit Group E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			M/a:+h4:=+	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Wainhting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
		I	Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recov	ery/Revitalization Score	15.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score Weighting					
Project Description	Score	Factor	Score		
SUB-AREA PT5: RECONSTRUCTION OF ALL PUBLIC ROADWAYS	1.00	5.00	5.00		
TRAFFIC CALMING AT EAGLE DR/SW 10TH	1.00	5.00	5.00		
SUB-AREA LR1: EXTENSION OF S. JANEWAY TO SW 10TH	1.00	5.00	5.00		
INTERSECTION IMPROVEMENTS AT WILSON AND SW4TH, PEDESTRIAN SAFETY	1.00	5.00	5.00		
		Opportunity Score	20.00		

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT5 Streets

E.1



#### Infrastructure Rating Index (IRI)

109.86

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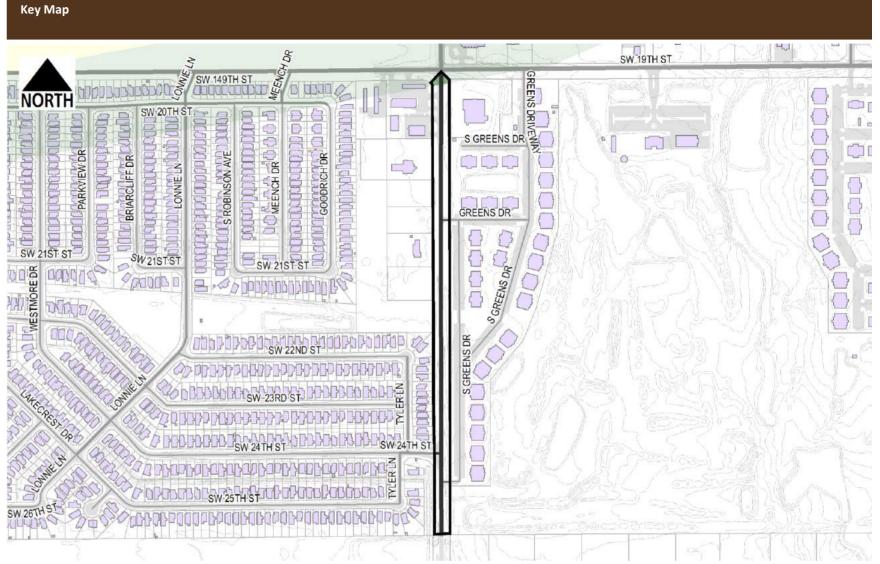
#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

ssessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	2793			
Functional Classification				
Length of Arterial(ft)	2632	0.94	10.00	9.42
Length of Collector (ft)	46	0.02	5.00	0.08
Length of Local (ft)	115	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	2678	0.96	10.00	9.59
Length of Concrete (ft)	115	0.04	5.00	0.21
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	26	0.01	5.00	0.05
10 to 15-years	56	0.02	4.00	0.08
less than 10-years	0	0.00	2.00	0.00
Unknown	2710	0.97	1.00	0.97
			Background Score	20.44
Damage Score		Fraction of	Weighting	

Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	85	0.03	2.00	0.06
Length Outside Damage Area prior to Disaster (ft)	2708	0.97	0.00	0.00
			Damage Score	0.06

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	1421	0.51	5.00	2.54
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	2.54



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	27	0.05	1.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	0	0.05	0.00	SR14 - Drive Damage	2	0.05	0.10
SR6 - Transverse Cracking	29	0.05	1.45	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	2	0.05	0.10
SR9 - Potholes	0	0.05	0.00		C	Condition Score	3.00

Assessment AreaSanta Fe AvenueAssessment Sub-AreaSF1Infrastructure CategoryStreetsExhibit GroupE.1



## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety				
Health and Safety			Weighting	

 Description
 Value
 Score
 Factor
 Score

 Q3: Opportunity to harden infrastructure against future disasters
 Yes
 1.00
 1.00
 1.00

 Health and Safety Score
 1.00

Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recovery/Revitalization Score		0.00

Sustainability					
Description	Value	Score	Factor	Score	
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00	
			Sustainability Score	5.00	

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs







Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Santa Fe Avenue SF1 Streets E.1

#### Infrastructure Rating Index (IRI)

32.04

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

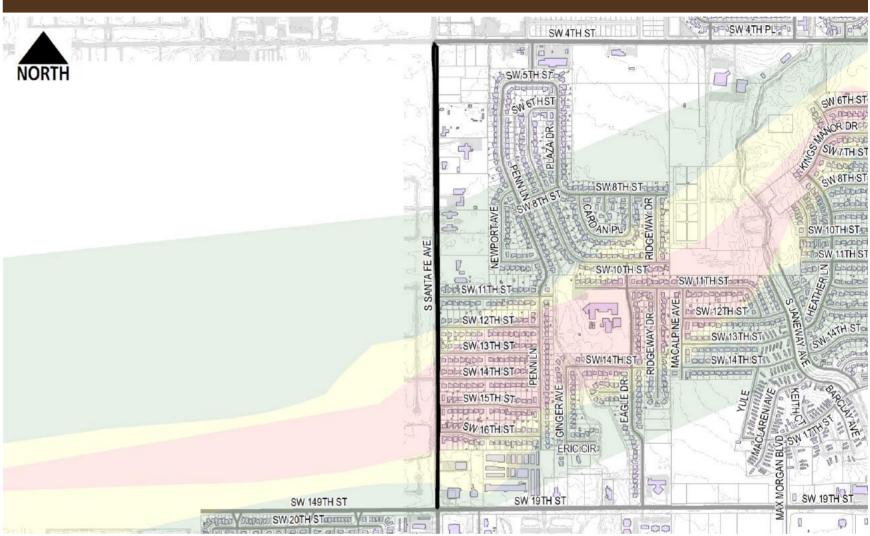
ssessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	5516			
Functional Classification				
Length of Arterial(ft)	5293	0.96	10.00	9.60
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	224	0.04	1.00	0.04
Material				
Length of Asphalt (ft)	5293	0.96	10.00	9.60
Length of Concrete (ft)	224	0.04	5.00	0.20
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	130	0.02	10.00	0.24
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5387	0.98	1.00	0.98
			Background Score	20.65

Damage Score		E contra o st	MI-1-1-0		
Description	Value	Fraction of Total Length	Weighting Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1139	0.21	10.00	2.06	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	750	0.14	5.00	0.68	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1702	0.31	2.00	0.62	
Length Outside Damage Area prior to Disaster (ft)	1925	0.35	0.00	0.00	
			Damage Score	3.36	

Damage	Score

Proximity Analysis		Fraction of	Waighting	
Description	Value	Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	1148	0.21	10.00	2.08
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	2.08

## Key Map



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	0	0.05	0.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	1	0.05	0.05	SR13 - Curb Damage	6	0.05	0.30
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	0	0.05	0.00
SR6 - Transverse Cracking	5	0.05	0.25	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	13	0.05	0.65
SR9 - Potholes	1	0.05	0.05			Condition Score	1.35

Assessment Area Santa Fe Avenue **Assessment Sub-Area** SF2 Infrastructure Category Streets Exhibit Group E.1



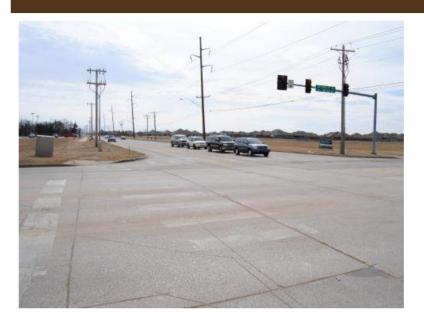
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Mainháinn	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			Mainh tion	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
	Na	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Santa Fe Avenue SF2 Streets E.1





#### Infrastructure Rating Index (IRI)

33.44

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#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
otal Street Length (ft)	11173			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	11173	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	11173	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	11173	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	21.00
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
ength within EF4 to EF5 Damage Area prior to disaster (ft)	333	0.03	10.00	0.30
ength within EF2 to EF4 Damage Area prior to disaster (ft)	3310	0.30	5.00	1.48
ength within EF0 to EF2 Damage Area prior to disaster (ft)	3685	0.33	2.00	0.66
ength Outside Damage Area prior to Disaster (ft)	3845	0.34	0.00	0.00
			Damage Score	2.44
Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
ength within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
ength within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00

11173

887

2268

1.00

0.08

0.20

2.00

1.00

1.00

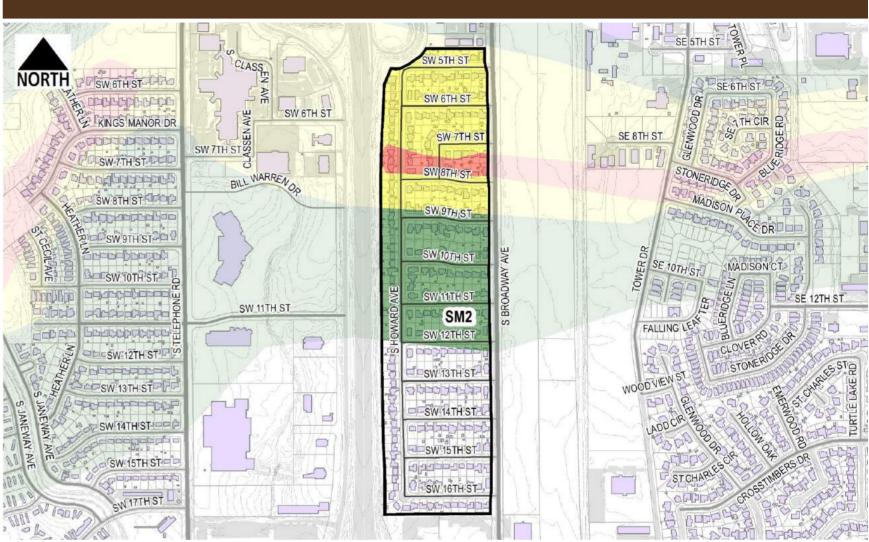
Proximity Score 2.28

2.00

0.08

0.20

#### Кеу Мар



Condition Analysis	Weighting		Weighting			Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05	
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	1	0.05	0.05	
SR3 - Subgrade Failure	191	0.05	9.55	SR12 - Scaling	0	0.05	0.00	
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	4	0.05	0.20	
SR5 - Longitudinal Cracking	0	0.05	0.00	SR14 - Drive Damage	145	0.05	7.25	
SR6 - Transverse Cracking	44	0.05	2.20	SR15 - Evidence of Ponding	0	0.05	0.00	
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	23	0.05	1.15	
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	151	0.05	7.55	
SR9 - Potholes	0	0.05	0.00			Condition Score	28.00	

Length within 0.25-mi of Community Center (ft)

Length within 0.25-mi of Medical Facility (ft)

Length within 0.25-mi of Library (ft)

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Southmoor SM2 Streets



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			<b>W</b> /a:abtima	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Waighting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			<b>W</b> /=:====	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q5: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	very/Revitalization Score	15.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA SM2: RECONSTRUCTION OF ALL PUBLIC ROADWAYS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Southmoor SM2 Streets E.1



#### Infrastructure Rating Index (IRI)

79.72

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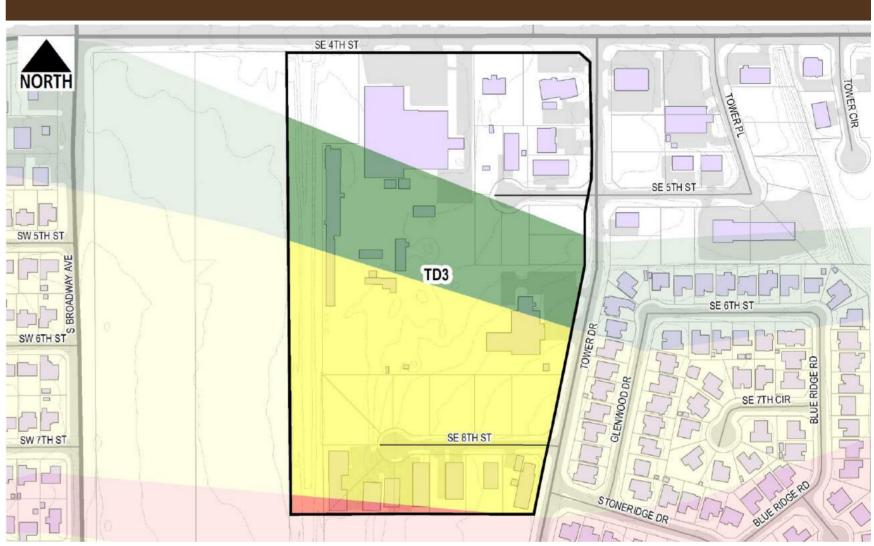
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Frankrank	W. t. Let	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Street Length (ft)	746			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	0	0.00	5.00	0.00
Length of Local (ft)	746	1.00	1.00	1.00
Material				
Length of Asphalt (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	746	1.00	5.00	5.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	746	1.00	10.00	10.00
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
			Background Score	16.00
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score

Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	478	0.64	5.00	3.20
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	268	0.36	0.00	0.00
			Damage Score	3.20

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	746	1.00	2.00	2.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	0	0.00	1.00	0.00
			Proximity Score	2.00

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	1	0.05	0.05
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	20	0.05	1.00	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	2	0.05	0.10	SR14 - Drive Damage	6	0.05	0.30
SR6 - Transverse Cracking	2	0.05	0.10	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00			Condition Score	1.55

Assessment Area **Tower Drive District** TD3 Assessment Sub-Area Infrastructure Category Streets Exhibit Group E.1



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00

Health and Safety Score 1.00

Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recovery	/Revitalization Score	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score	Weighting		
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

**Tower Drive District** TD3 Streets

E.1



#### Infrastructure Rating Index (IRI)

28.75

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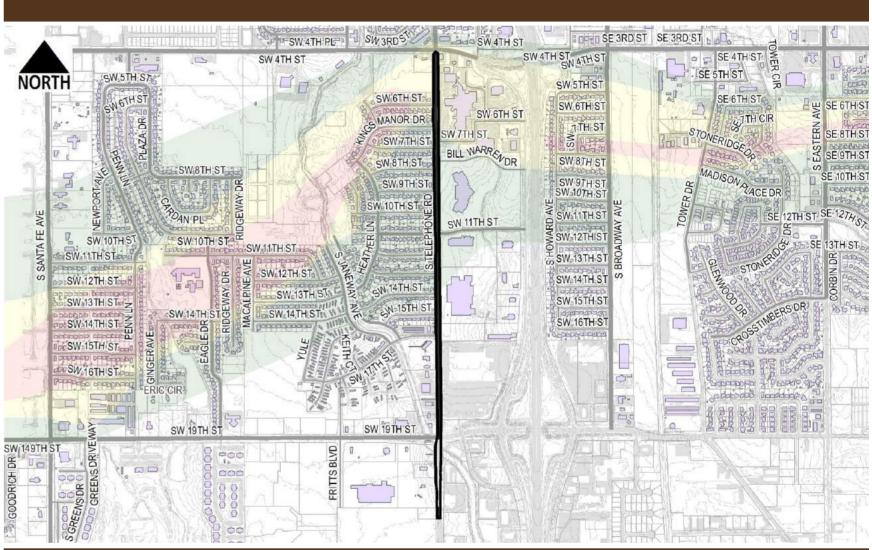
## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	6018			
Functional Classification				
Length of Arterial(ft)	5334	0.89	10.00	8.86
Length of Collector (ft)	90	0.01	5.00	0.07
Length of Local (ft)	594	0.10	1.00	0.10
Material				
Length of Asphalt (ft)	5762	0.96	10.00	9.57
Length of Concrete (ft)	256	0.04	5.00	0.21
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	278	0.05	10.00	0.46
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	5740	0.95	1.00	0.95
			Background Score	20.24
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1057	0.18	5.00	0.88
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2791	0.46	2.00	0.93
Length Outside Damage Area prior to Disaster (ft)	2170	0.36	0.00	0.00
			Damage Score	1.81

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	2.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Medical Facility (ft)	3008	0.50	1.00	0.50
			Proximity Score	0.50

#### Key Map



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	9	0.05	0.45
SR3 - Subgrade Failure	147	0.05	7.35	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	8	0.05	0.40	SR13 - Curb Damage	1	0.05	0.05
SR5 - Longitudinal Cracking	6	0.05	0.30	SR14 - Drive Damage	6	0.05	0.30
SR6 - Transverse Cracking	4	0.05	0.20	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	24	0.05	1.20
SR9 - Potholes	3	0.05	0.15			Condition Score	10.40

Assessment AreaTelephone RoadAssessment Sub-AreaTP1Infrastructure CategoryStreetsExhibit GroupE.1



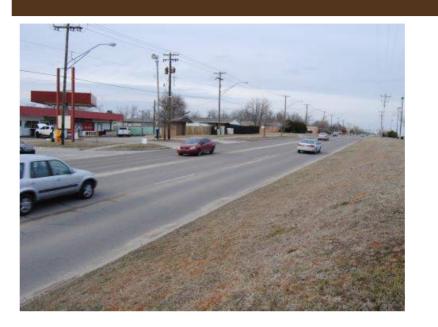
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	•
Description	Value	Score	Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00
Health and Safety			Weighting	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q7: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	very/Revitalization Score	15.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		M/= ! =   4	
Project Description	Score	Weighting Factor	Score
TP1: MILL AND OVERLAY OF S. TELEPHONE ROAD	1.00	5.00	5.00
WT1: MILL AND OVERLAY, SW 11TH STREET FROM SOUTH SERVICE ROAD TO TELEPHONE R	1.00	5.00	5.00
WT1: EXTEND SW 6TH STREET FROM CLASSEN DRIVE TO TELEPHONE ROAD	1.00	5.00	5.00
TP1: SIGNALIZATION AT SW 17TH STREET AND TELEPHONE ROAD	1.00	5.00	5.00
		Opportunity Score	20.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Telephone Road

TP1

Streets

E.1





#### Infrastructure Rating Index (IRI)

88.95

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#### **Infrastructure Recovery and Implementation Plan**

Infrastructure Assessment Form

ssessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	3324			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	3051	0.92	5.00	4.59
Length of Local (ft)	273	0.08	1.00	0.08
Material				
Length of Asphalt (ft)	3165	0.95	10.00	9.52
Length of Concrete (ft)	159	0.05	5.00	0.24
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	1456	0.44	10.00	4.38
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1868	0.56	1.00	0.56
			Background Score	19.37
Damage Score		Fraction of	M/sish4iss	
Description	Value	Total Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	287	0.09	10.00	0.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	677	0.20	5.00	1.02
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1017	0.31	2.00	0.61
Length Outside Damage Area prior to Disaster (ft)	1343	0.40	0.00	0.00
			Damage Score	2.49
Proximity Analysis		<b>F</b> (((-	Water 41	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	3324	1.00	2.00	2.00

0

0

0.00

0.00

1.00

1.00

Proximity Score 2.00

0.00

0.00

Key Map ATH ST SW 4TH ST SW 4TH ST SW ATH ST 0 NORTH CLAS -SW.5TH ST 0 THE SW OTH ST SEN 밁 לבצר לאברה SW 7TH ST SS SW 6TH ST TTH ST NANOR DR 10 SW 7TH STOP 5000 SW 8TH ST Separate and BILL WARPEN DR SW 8TH ST SW 9TH ST -Statestates BUPUZEDDD SW.9TH ST SW-10TH ST Toppoppoppop SW-10TH ST 2030hor SW 11TH ST COLD CONTRACTOR AVE SW 12TH ST DEP Zanobhohoh VAY SW 12TH ST  $\bigcirc$ A SW 13TH ST SW 13TH ST benner h Charlen to the second run, SW 14TH ST 0 JANEWAY SW-14TH ST הילכורה // cicio picio b SW 15TH ST SW-15TH ST 2 (Building) a haala ahaa ah AVE 20 Щ SW 16TH ST 222200000000 THIN TELEPI -0 AMAD ALL AND A 0.0 S ¢" 6-151 18 200 000 0 0 SW 19TH ST 3 8

Condition Analysis		Weighting		Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SR1 - Alligator Cracking	5	0.05	0.25	SR10 - Weathering / Raveling	0	0.05	0.00
SR2 - Surface Irregulatiry	0	0.05	0.00	SR11 - Corner Break	0	0.05	0.00
SR3 - Subgrade Failure	42	0.05	2.10	SR12 - Scaling	0	0.05	0.00
SR4 - Spalling at Joint	0	0.05	0.00	SR13 - Curb Damage	0	0.05	0.00
SR5 - Longitudinal Cracking	1	0.05	0.05	SR14 - Drive Damage	2	0.05	0.10
SR6 - Transverse Cracking	154	0.05	7.70	SR15 - Evidence of Ponding	0	0.05	0.00
SR7 - Shoving	0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
SR8 - Patching	0	0.05	0.00	SR17 - Recent repair work	0	0.05	0.00
SR9 - Potholes	0	0.05	0.00			Condition Score	10.20

Length within 0.25-mi of Library (ft)

Length within 0.25-mi of Medical Facility (ft)

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Tower Drive

Streets





### City of Moore Infrastructure Recovery and Implementation Plan

## Infrastructure Assessment Form

LMI Benefit			Weighting		
Description	Value	Score	Factor	Score	
Q1: Census Block Group	40027.2021.04.1	0.00	10.00	0.00	
Q2: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00	
			LMI Score	0.00	
Health and Safety			Weighting		
Description	Value	Score	Factor	Score	

 Value
 Score
 Factor
 Score

 Q3: Opportunity to harden infrastructure against future disasters
 Yes
 1.00
 1.00

 Health and Safety Score

Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recovery/Revitalization Score		0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Tower Drive TW1 Streets

E.1



#### Infrastructure Rating Index (IRI)

40.07

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	C. Codner			
Date Range of Assessment	N/A			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Total Street Length (ft)	4470			
Functional Classification				
Length of Arterial(ft)	0	0.00	10.00	0.00
Length of Collector (ft)	1090	0.24	5.00	1.22
Length of Local (ft)	3380	0.76	1.00	0.76
Material				
Length of Asphalt (ft)	4470	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Other (ft)	0	0.00	1.00	0.00
Age				
More than 20-years	2224	0.50	10.00	4.98
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	2246	0.50	2.00	1.00
Unknown	0	0.00	1.00	0.00
			Background Score	17.96
Damage Score		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2254	0.50	5.00	2.52
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2216	0.50	2.00	0.99

Damage Score 3.51

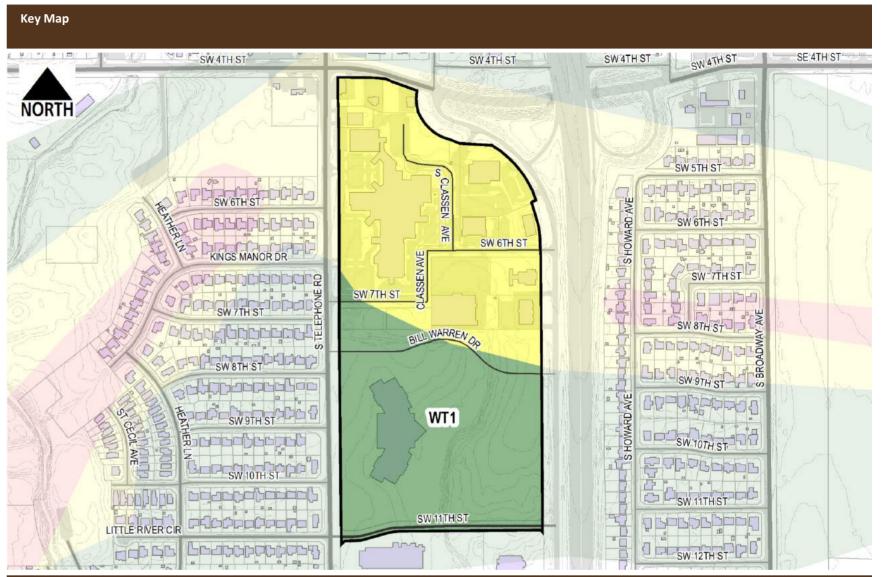
0.00

0.00

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Community Center (ft)	1495	0.33	2.00	0.67
Length within 0.25-mi of Library (ft)	370	0.08	1.00	0.08
Length within 0.25-mi of Medical Facility (ft)	4269	0.96	1.00	0.96
			Proximity Score	1.71

0

0.00



Quantity	• •		Weighting			
	Factor	Score	Description	Quantity	Weighting Factor	Score
0	0.05	0.00	SR10 - Weathering / Raveling	0	0.05	0.00
0	0.05	0.00	SR11 - Corner Break	1	0.05	0.05
18	0.05	0.90	SR12 - Scaling	0	0.05	0.00
0	0.05	0.00	SR13 - Curb Damage	1	0.05	0.05
2	0.05	0.10	SR14 - Drive Damage	9	0.05	0.45
60	0.05	3.00	SR15 - Evidence of Ponding	0	0.05	0.00
0	0.05	0.00	SR16 - Abandoned Drive / Sidewalk	0	0.05	0.00
1	0.05	0.05	SR17 - Recent repair work	6	0.05	0.30
0	0.05	0.00		C	Condition Score	4.90
	0 18 0 2 60 0 1	00.05180.0500.0520.05600.0500.0510.05	00.050.00180.050.9000.050.0020.050.10600.053.0000.050.0010.050.05	0         0.05         0.00         SR11 - Corner Break           18         0.05         0.90         SR12 - Scaling           0         0.05         0.00         SR13 - Curb Damage           2         0.05         0.10         SR14 - Drive Damage           60         0.05         3.00         SR15 - Evidence of Ponding           0         0.05         0.00         SR16 - Abandoned Drive / Sidewalk           1         0.05         0.05         SR17 - Recent repair work	0         0.05         0.00         SR11 - Corner Break         1           18         0.05         0.90         SR12 - Scaling         0           0         0.05         0.00         SR13 - Curb Damage         1           2         0.05         0.10         SR14 - Drive Damage         9           60         0.05         3.00         SR15 - Evidence of Ponding         0           0         0.05         0.00         SR16 - Abandoned Drive / Sidewalk         0           1         0.05         0.05         SR17 - Recent repair work         6	0         0.05         0.00         SR11 - Corner Break         1         0.05           18         0.05         0.90         SR12 - Scaling         0         0.05           0         0.05         0.00         SR13 - Curb Damage         1         0.05           2         0.05         0.10         SR14 - Drive Damage         9         0.05           60         0.05         3.00         SR15 - Evidence of Ponding         0         0.05           0         0.05         0.00         SR16 - Abandoned Drive / Sidewalk         0         0.05           1         0.05         0.05         SR17 - Recent repair work         6         0.05

Length Outside Damage Area prior to Disaster (ft)

Assessment Area Warren Theater Assessment Sub-Area WT1 Infrastructure Category Streets Exhibit Group E.1



## City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

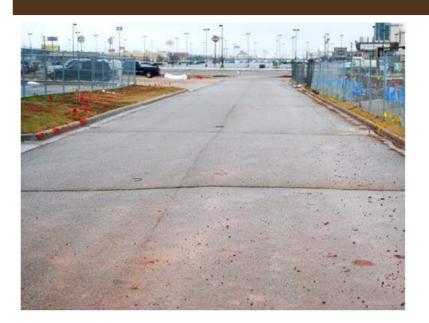
LMI Benefit			Wainkting	
Description	Value	Score	Weighting Factor	Score
Q1: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q2: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00
Health and Safety			W/-t-h4t-r	
Description	Value	Score	Weighting Factor	Score
Q3: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
			Health and Safety Score	1.00
Long Term Recovery / Economic Revitalization			M/- :	
Description	Value	Score	Weighting Factor	Score
Q4: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q5: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q6: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q7: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q8: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recov	very/Revitalization Score	0.00
Sustainability			Woighting	

Sustainability				
Description	Value	Score	Factor	Score
Q9: Opportunity for introduction of sustainable design concepts	Yes	1.00	5.00	5.00
			Sustainability Score	5.00

Opportunity Score			
Project Description	Score	Weighting Factor	Score
WT1: MILL AND OVERLAY, SW 11TH STREET FROM SOUTH SERVICE ROAD TO TELEPHONE R	1.00	5.00	5.00
WT1: EXTEND SW 6TH STREET FROM CLASSEN DRIVE TO TELEPHONE ROAD	1.00	5.00	5.00
			40.00

Opportunity Score 10.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Warren Theater WT1 Streets E.1



#### Infrastructure Rating Index (IRI)

59.08

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#### Infrastructure Recovery and Implementation Plan

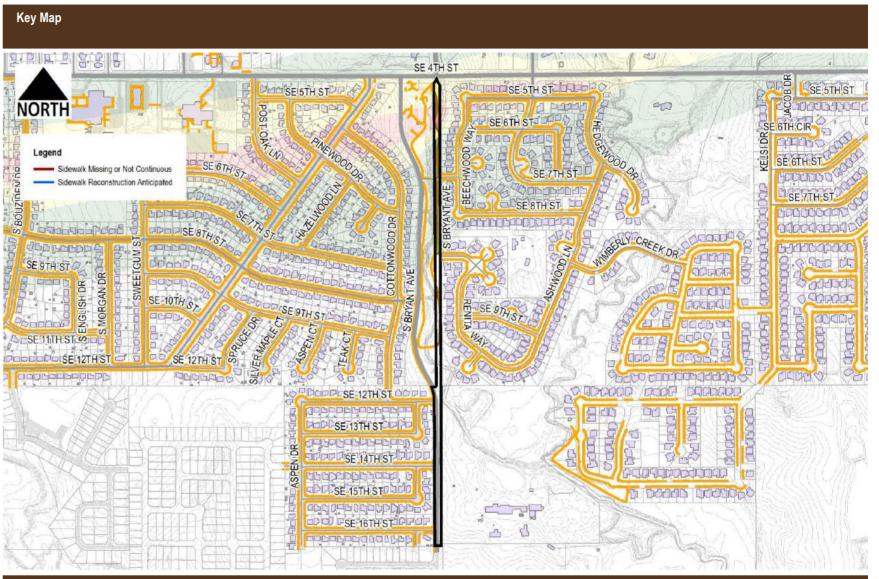
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swaii	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	4424			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	3331	0.75	2.00	1.51
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	6.51

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	2140	0.48	5.00	2.42
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	4329	0.98	3.00	2.94
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 5.35

Damage Score		Fraction of	Weighting	
Description	Value	Historical Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	191	0.06	10.00	0.57
Length within EF2 to EF4 Damage Area prior to disaster (ft)	198	0.06	5.00	0.30
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1076	0.32	2.00	0.65
Length Outside Damage Area prior to Disaster (ft)	1866	0.56	1.00	0.56
			Damage Score	2.08



Condition Analysis		Weighting	Neighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score		
SW1 - surface spall	1	0.25	0.25	SW8 - longitudinal slope > 5%	0	0.25	0.00		
SW2 - joint deflection	2	0.25	0.50	SW9 - cross slope > 2%	0	0.25	0.00		
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00		
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	0	0.25	0.00		
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00		
SW6 - curb ramps not present	4	0.25	1.00	SW14 - insufficient vehicular separation	0	0.25	0.00		
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	2	0.25	0.50		
						Condition Score	2.50		

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Bryant Avenue

BA1

Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Wainh4ing	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Web Let	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	overy/Revitalization Score	5.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Bryant Avenue BA1 Sidewalks E.2



#### Infrastructure Rating Index (IRI)

21.44

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

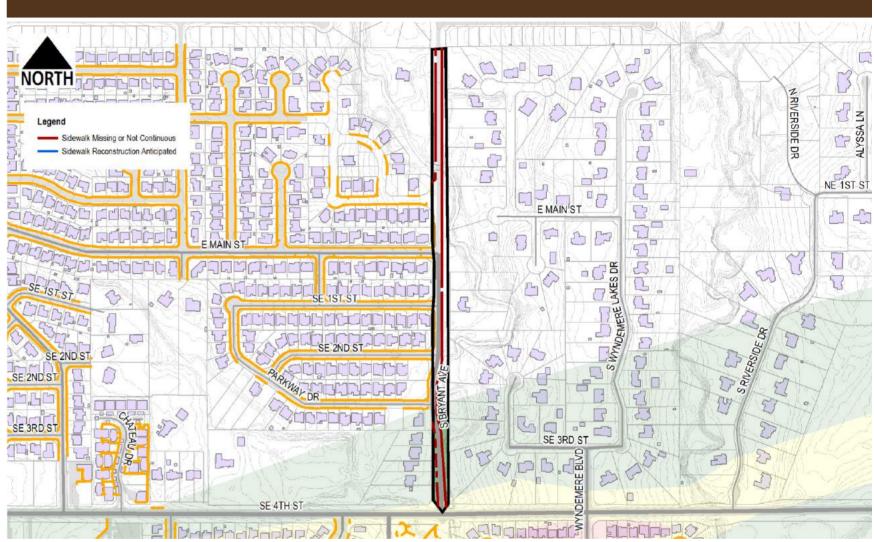
Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	3196			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	895	0.28	2.00	0.56
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3628	1.14	6.00	6.81
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3628	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	12.37

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	3196	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 3.00

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	895	1.00	1.00	1.00	
			Damage Score	1.00	

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.50

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Bryant Avenue

BA2

Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Walahting	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			W	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			14/2:	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	very/Revitalization Score	20.00
Sustainability				

Sustainability				
Description	Value	Score	Weighting Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Bryant Avenue BA2 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

41.87

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#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

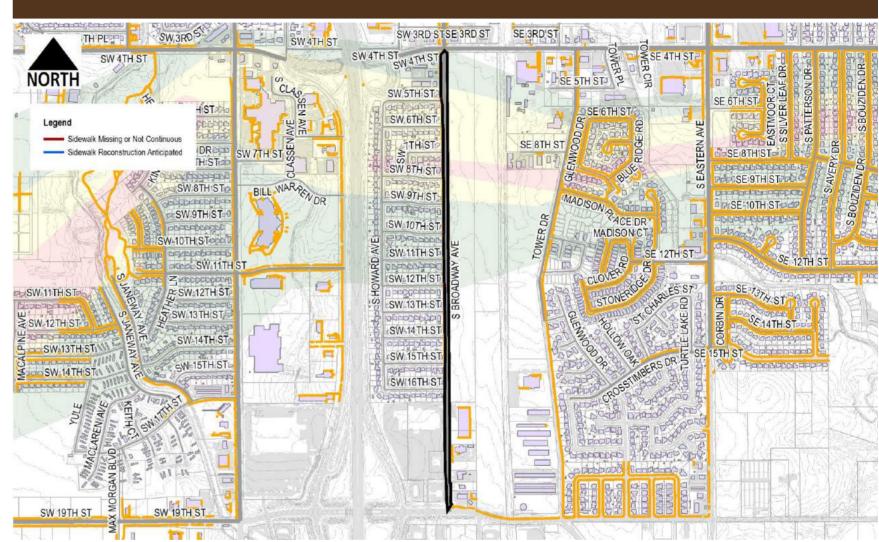
Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swair	ı		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11349			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	3208	0.28	2.00	0.57
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	55	0.00	6.00	0.03
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	55	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	5.59

Proximity Analysis		Function of	<b>M</b> (-:	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	11349	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	1563	0.14	1.00	0.14

Proximity Score 1.14

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	173	0.05	10.00	0.54	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	952	0.30	5.00	1.48	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	983	0.31	2.00	0.61	
Length Outside Damage Area prior to Disaster (ft)	1100	0.34	1.00	0.34	
			Damage Score	2.98	

#### Кеу Мар



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	6	0.25	1.50	SW9 - cross slope > 2%	1	0.25	0.25
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	5	0.25	1.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	1	0.25	0.25
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	3.50

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Broadway Avenue

BR1

Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weish4iss	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	very/Revitalization Score	30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Report Date: 3/10/2015 4:55:48 PM

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Broadway Avenue BR1 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

48.21

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	23489			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	22326	0.95	2.00	1.90
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	435	0.02	6.00	0.11
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	435	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	7.01

Proximity Analysis					
Description	Value	Fraction of Total Length	Weighting Factor	Score	
Length within 0.25-mi of Elementary School (ft)	15850	0.67	5.00	3.37	
Length within 0.25-mi of Junior High School (ft)	340	0.01	4.00	0.06	
Length within 0.25-mi of Park (ft)	21481	0.91	3.00	2.74	
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00	
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00	
			Proximity Score	6.18	

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5443	0.24	2.00	0.49	
Length Outside Damage Area prior to Disaster (ft)	16883	0.76	1.00	0.76	
			Damage Score	1.24	

### Key Map SW 149TH ST NORTH SW 20TH ST Legend Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated u u BW2 -2 SW-21ST-ST ZOCE D 0 375 SW-23RD ST LOWNELL

Condition Analysis		Weighting				Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	7	0.25	1.75	SW8 - longitudinal slope > 5%	2	0.25	0.50	
SW2 - joint deflection	64	0.25	16.00	SW9 - cross slope > 2%	12	0.25	3.00	
SW3 - panel settlment	17	0.25	4.25	SW10 - evidence of ponding	5	0.25	1.25	
SW4 - panel cracking	71	0.25	17.75	SW11 - anticipated future damage	15	0.25	3.75	
SW5 - obstructions present	24	0.25	6.00	SW12 - evidence of recent repair work	13	0.25	3.25	
SW6 - curb ramps not present	46	0.25	11.50	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	12	0.25	3.00	SW15- not ADA compliant at intersection	0	0.25	0.00	
						<b>Condition Score</b>	72.00	

Assessment Area **Assessment Sub-Area** Infrastructure Category Exhibit Group Baer's Westmoore

BW2

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weblet.	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		Не	alth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			MI-1-1-1-	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recovery/Revitalization Score		25.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

		Sustainability Score	5.00
Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA BW2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Baer's Westmoore

BW2

Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

121.43

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#### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swaii	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	7688			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4716	0.61	2.00	1.23
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	1393	0.18	6.00	1.09
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	1393	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	7.31

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	5471	0.71	3.00	2.13
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 2.13

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	122	0.03	10.00	0.26	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	25	0.01	5.00	0.03	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1115	0.24	2.00	0.47	
Length Outside Damage Area prior to Disaster (ft)	3453	0.73	1.00	0.73	
			Damage Score	1.49	

#### 1 SW 3RD STSE 3RD ST SE 3RD ST SE 5TH ST SW 4TH ST SW 4TH ST OWER CIR NORTH - 00 SW 5TH ST SC 1 0 2 SEIGTH ST Ę Legend R RIDGE SE 81n ... SE 8TH ST ----- Sidewalk Reconstruction Anticipated BLUE SW 8TH ST SW 9TH ST MADISON A ACE DR 00700250000 TOWER DR SW 10TH ST MADISONCT Sobosoco SW 11TH ST SE 12TH'ST A CLOVER RD SE SW 11TH ST 2 STORAGES ST SW 12TH ST 0 SW 13TH ST K QLEMNO DA DA HOMOWOW ומגורניטרטט S T. SW 14TH ST CROSSINEERS DR 5 -SW 15TH ST 1-1-00-00-00-00 (Accession) SWL16TH ST A COLORED OF COLORED O ----The Logon BD(M Brickhold PEDDON O Selbooper addition diadita 6. 0

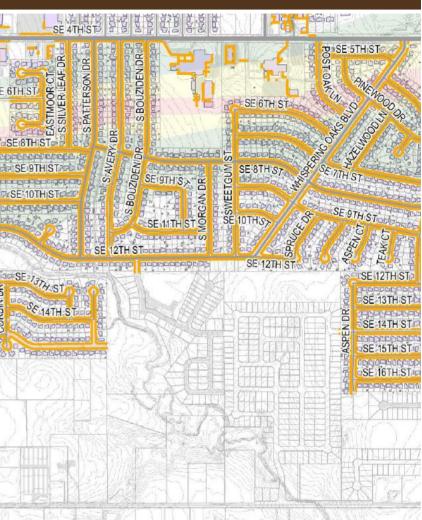
Key Map

Condition Analysis		Weighting				Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	4	0.25	1.00	
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	1	0.25	0.25	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	2	0.25	0.50	
SW4 - panel cracking	8	0.25	2.00	SW11 - anticipated future damage	0	0.25	0.00	
SW5 - obstructions present	2	0.25	0.50	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	11	0.25	2.75	SW15- not ADA compliant at intersection	21	0.25	5.25	
						<b>Condition Score</b>	12.25	

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastern Avenue

EA1

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Watabita a	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety Weighting				
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		Неа	Ith and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Long renn Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recovery/Revitalization Score		30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score	Weighting			
Project Description	Score	Factor	Score	
No Projects Available	0.00	0.00	0.00	

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastern Avenue EA1 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

58.19

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	400			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	238	0.60	2.00	1.19
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	5.79

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Damage Score		Fraction of Weighting			
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	238	1.00	1.00	1.00	
			Damage Score	1.00	

# Кеу Мар NORTH Legend EJ1 Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated S EASTERN AVE SE'6TH'ST 000

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ1

Sidewalks





## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00

Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		Hea	alth and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recovery	Revitalization Score	20.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ1

Sidewalks

E.2





#### Infrastructure Rating Index (IRI)

31.79

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### Infrastructure Recovery and Implementation Plan

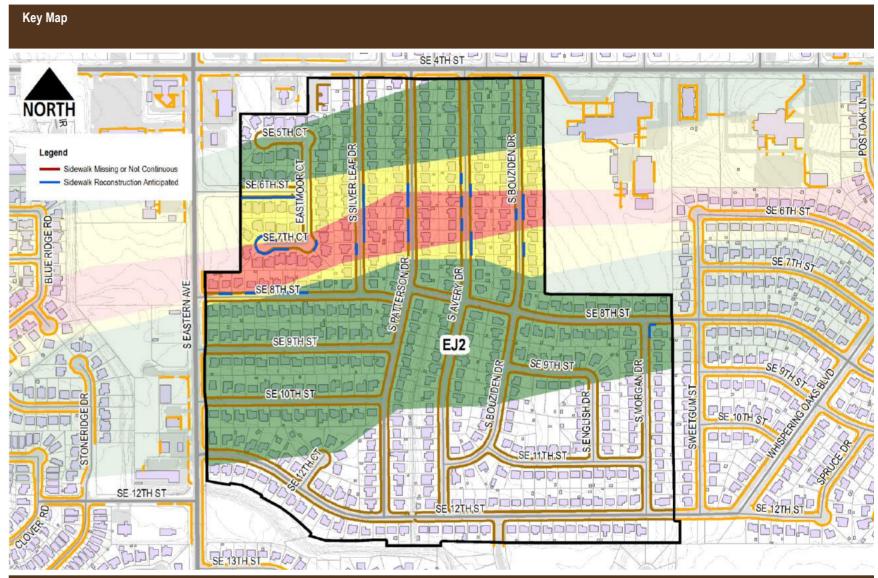
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swair	ı		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	40781			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	39573	0.97	2.00	1.94
Future damage anticipated per field assessment (ft)	2690	0.07	0.07	0.26
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	6.80

Value	Fraction of Total Length	Weighting Factor	Score
20505	0.50	5.00	2.51
31134	0.76	4.00	3.05
5380	0.13	3.00	0.40
0	0.00	1.00	0.00
0	0.00	1.00	0.00
	20505 31134	20505         0.50           31134         0.76           5380         0.13           0         0.00	Value         Total Length         Factor           20505         0.50         5.00           31134         0.76         4.00           5380         0.13         3.00           0         0.00         1.00

Proximity Score 5.96

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3149	0.08	10.00	0.80	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	4277	0.11	5.00	0.54	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	19228	0.49	2.00	0.97	
Length Outside Damage Area prior to Disaster (ft)	12919	0.33	1.00	0.33	
			Damage Score	2.63	



Condition Analysis		Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	6	0.25	1.50	SW8 - longitudinal slope > 5%	10	0.25	2.50	
SW2 - joint deflection	35	0.25	8.75	SW9 - cross slope > 2%	22	0.25	5.50	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00	
SW4 - panel cracking	56	0.25	14.00	SW11 - anticipated future damage	32	0.25	8.00	
SW5 - obstructions present	8	0.25	2.00	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	13	0.25	3.25	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	20	0.25	5.00	SW15- not ADA compliant at intersection	0	0.25	0.00	
						<b>Condition Score</b>	50.50	

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ2

Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Minischtin er	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recov	very/Revitalization Score	10.00
Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q45: Opportunity for introduction of sustainable design concepts			_	
			Sustainability Score	0.00
Opportunity Score			Weighting	
Project Description		Score	Factor	Score
SUB-AREA EJ2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA		1.00	5.00	5.00

1.00

5.00

Opportunity Score 10.00

5.00

EJ2: PEDESTRIAN IMPROVEMENTS, CONNECTION TO HIGHLAND EAST

Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Eastmoor / JD Estates EJ2

Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

85.90

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	45435			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	41849	0.92	2.00	1.84
Future damage anticipated per field assessment (ft)	3686	0.08	0.08	0.32
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	6.77

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	8607	0.19	5.00	0.95
Length within 0.25-mi of Junior High School (ft)	20704	0.46	4.00	1.82
Length within 0.25-mi of Park (ft)	27862	0.61	3.00	1.84
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 4.61

Damage Score		Fraction of	Weighting		
Description	Value Historical Lengt		Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	4099	0.10	10.00	0.98	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	5542	0.13	5.00	0.66	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	13581	0.32	2.00	0.65	
Length Outside Damage Area prior to Disaster (ft)	18626	0.45	1.00	0.45	
			Damage Score	2.74	

#### Key Map UCH CENER NORTH POST OAK AVERY, DI Legend Sidewalk Missing or Not Continuous ------ Sidewalk Reconstruction Anticipated SE 6TH S SWORCANDRY 111 121 SE 8TH S SE-11TH-ST VEETGUM SI SE 10TH ST a. SE 12TH ST SE 12 90

Condition Analysis		Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	5	0.25	1.25	SW8 - longitudinal slope > 5%	0	0.25	0.00	
SW2 - joint deflection	45	0.25	11.25	SW9 - cross slope > 2%	4	0.25	1.00	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00	
SW4 - panel cracking	38	0.25	9.50	SW11 - anticipated future damage	57	0.25	14.25	
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	9	0.25	2.25	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	11	0.25	2.75	SW15- not ADA compliant at intersection	0	0.25	0.00	
						<b>Condition Score</b>	42.50	

Assessment AreaEastmoor / JD EstatesAssessment Sub-AreaEJ5Infrastructure CategorySidewalksExhibit GroupE.2





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weishtige	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Webstein	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		ŀ	Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Waishting	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recov	ery/Revitalization Score	10.00
Sustainability				

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

		Sustainability Score	0.00
Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA EJ5: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00
EJ5: PEDESTRIAN IMPROVEMENTS @ SE 6TH CUL-DE-SAC, CONNECTION TO HIGHLAND EAS	1.00	5.00	5.00

Opportunity Score 10.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Eastmoor / JD Estates EJ5 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

76.61

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	5526			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4159	0.75	2.00	1.51
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	4342	0.79	6.00	4.71
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	4342	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	11.22

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	5526	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 3.00

Damage Score		Fraction of	Weighting	
Description	Value	Historical Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	656	0.16	10.00	1.58
Length within EF2 to EF4 Damage Area prior to disaster (ft)	792	0.19	5.00	0.95
Length within EF0 to EF2 Damage Area prior to disaster (ft)	980	0.24	2.00	0.47
Length Outside Damage Area prior to Disaster (ft)	1731	0.42	1.00	0.42
			Damage Score	3.42

#### Key Map SE 4TH ST NORTH DDDDDD DST OAK EJ6 Legend Sidewalk Missing or Not Continuous MNEWOOD OR ----- Sidewalk Reconstruction Anticipated SE 6TH ST JCocci CDOLGDC peopper dogeo, DP oop SE 8TH ST TGUMST GOGOY SE 10TH ST OBO SE 9TH'ST SE 12TH ST SE 12TH ST DBC 10PD

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	4	0.25	1.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	1	0.25	0.25
						Condition Score	1.50

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ6

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

.MI Benefit			Mainhtinn	
Description	Value	Score	Weighting Factor	Score
237c: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
238: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
lealth and Safety				
Description	Value	Score	Weighting Factor	Score
039: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		I	Health and Safety Score	0.00
ong Term Recovery / Economic Revitalization			Mainh4in r	
Description	Value	Score	Weighting Factor	Score
240: Opportunity to improve community asethetic	No	0.00	5.00	0.00
241: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
242: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
243: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
244: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recov	ery/Revitalization Score	25.00
Sustainability			Weighting	
			vvelonino	

**Opportunity Score** Weighting Factor Project Description Score Score 5.00 SUB-AREA EJ6: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA 1.00 5.00 5.00 Opportunity Score

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Eastmoor / JD Estates

EJ6

Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

49.14

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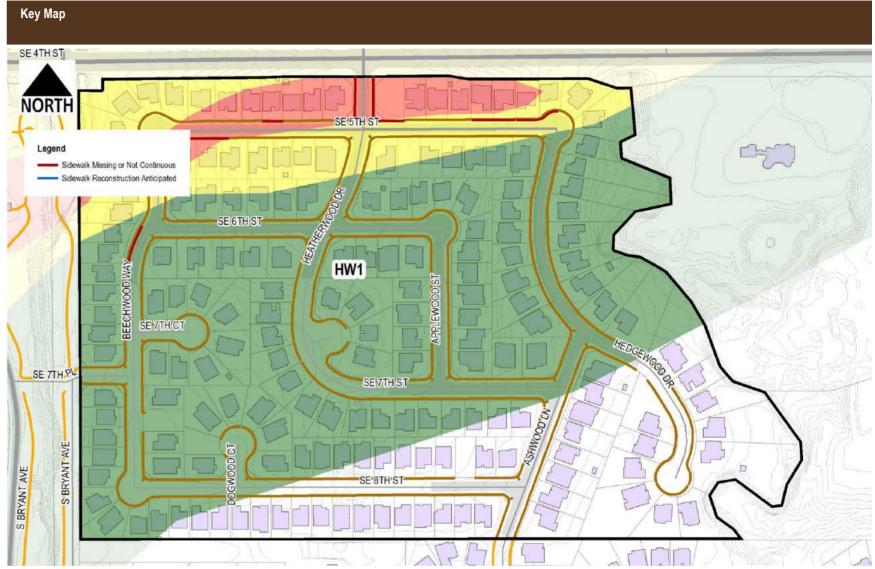
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swair	ı		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	16227			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	14970	0.92	2.00	1.85
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	975	0.06	6.00	0.36
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	878	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	98	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	6.81

Proximity Analysis		Frankrish	M	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	15955	0.98	3.00	2.95
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 2.95

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	756	0.05	10.00	0.51	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1918	0.13	5.00	0.64	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	9453	0.63	2.00	1.26	
Length Outside Damage Area prior to Disaster (ft)	2843	0.19	1.00	0.19	
			Damage Score	2.60	



Condition Analysis		Weighting	Veiahtina			Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	5	0.25	1.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	6	0.25	1.50	SW11 - anticipated future damage	8	0.25	2.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	1	0.25	0.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	5	0.25	1.25	SW15- not ADA compliant at intersection	10	0.25	2.50
						Condition Score	9.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Heatherwood

HW1

Sidewalks



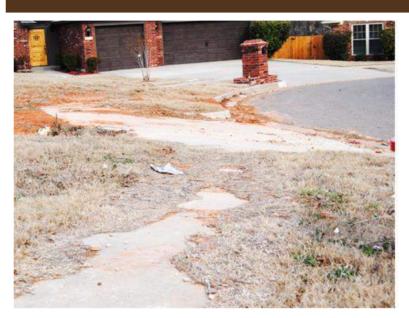
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Wainhdinn	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		ŀ	lealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recov	ery/Revitalization Score	15.00
Sustainability			Weighting	

Sustainability Score 5.00 **Opportunity Score** Weighting Factor **Project Description** Score Score 1.00 5.00 5.00 SUB-AREA HW1: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA

Opportunity Score 5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Heatherwood HW1 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

46.35

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swair	1		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	15653			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2069	0.13	2.00	0.26
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	9575	0.61	6.00	3.67
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	8618	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	958	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	8.53

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	15083	0.96	3.00	2.89
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

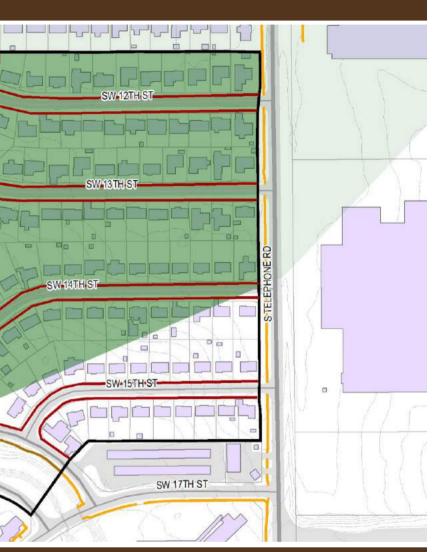
Proximity Score 2.89

Damage Score	Fraction of	Weighting			
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	51	0.02	5.00	0.12	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1606	0.78	2.00	1.55	
Length Outside Damage Area prior to Disaster (ft)	412	0.20	1.00	0.20	
			Damage Score	1.87	

## Кеу Мар KM2 NORTH Legend Sidewalk Missing or Not Continuous Sidewalk Reconstruction Anticipated SW-12TH ST ..... JANEWA SW 13TH ANEWAY AVE SW 14TH ST MACLARENA

Condition Analysis		Weighting	Weiahtina			Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00	
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00	
SW4 - panel cracking	2	0.25	0.50	SW11 - anticipated future damage	0	0.25	0.00	
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	1	0.25	0.25	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00	
						Condition Score	0.75	

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group King's Manor KM2 Sidewalks





## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00
Health and Safety			Weighting	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		Не	alth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			M/a:	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recover	y/Revitalization Score	30.00
Sustainability			Weighting	
Description	Value	Score	Factor	Score

 
 Description
 Value
 Score
 Weighting Factor
 Score

 Q45: Opportunity for introduction of sustainable design concepts
 Sustainability Score
 5.00

 Opportunity Score
 Weighting Factor
 Score
 Score

 SUB-AREA KM2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA
 1.00
 5.00
 5.00

Opportunity Score 5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group King's Manor KM2 Sidewalks E.2





### Infrastructure Rating Index (IRI)

69.05

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	18105			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2996	0.17	2.00	0.33
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	14250	0.79	6.00	4.72
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	12825	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	1425	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	9.65

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	18105	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 3.00

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	51	0.02	10.00	0.17	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1082	0.36	5.00	1.81	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1864	0.62	2.00	1.24	
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00	
			Damage Score	3.22	

# Key Map NORTH Legend ----- Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated ITTLE RIVER CI SJANI NEY 0 AVE P 17.

Condition Analysis		Weighting			Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	1	0.25	0.25	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	3	0.25	0.75	SW9 - cross slope > 2%	9	0.25	2.25
SW3 - panel settlment	2	0.25	0.50	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	13	0.25	3.25	SW11 - anticipated future damage	22	0.25	5.50
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	4	0.25	1.00
SW6 - curb ramps not present	7	0.25	1.75	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	8	0.25	2.00	SW15- not ADA compliant at intersection	0	0.25	0.00
						<b>Condition Score</b>	17.25

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

King's Manor KM3 Sidewalks E.2





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	15.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		He	ealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weisehting	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recover	ry/Revitalization Score	30.00
Sustainability			Weighting	
Description	Value	Seara	Eastor	Score

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
				E 00

		Sustainability Score	J.00
Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA KM3: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00
		Opportunity Score	5.00

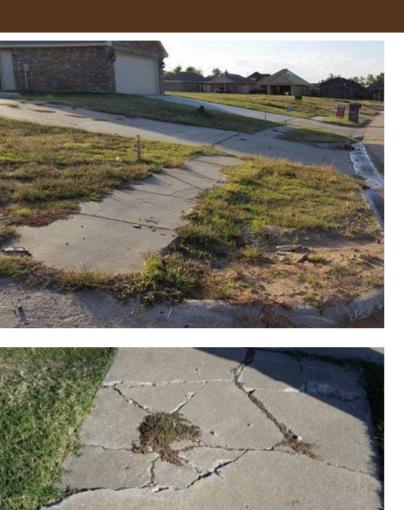
#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

King's Manor KM3 Sidewalks E.2



#### Infrastructure Rating Index (IRI)

88.12

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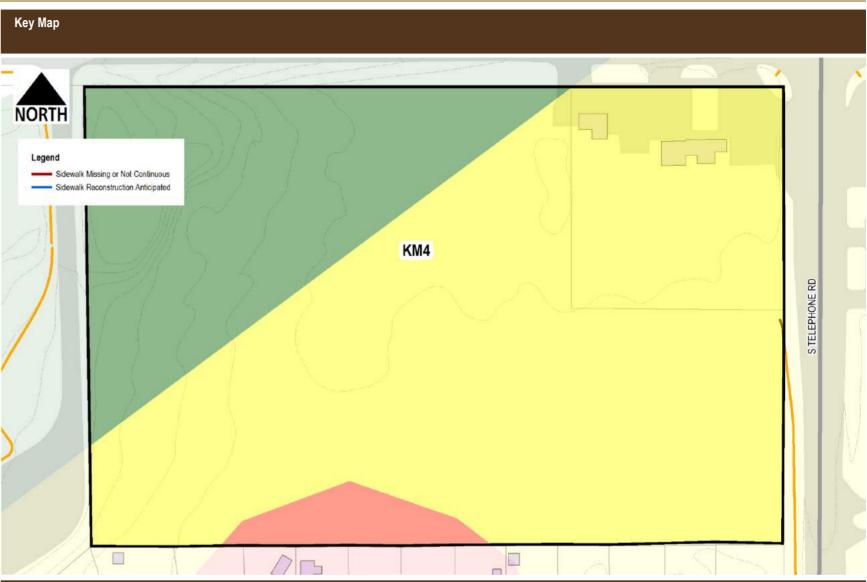
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	4.60

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	36	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00	
			Damage Score	0.00	



Condition Analysis		Weighting					
Description	Quantity	Factor	Score	Description	Quantity	Weighting Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.25

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

King's Manor

KM4

Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weishtige	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		He	ealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Waishting	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recover	y/Revitalization Score	10.00
Sustainability				

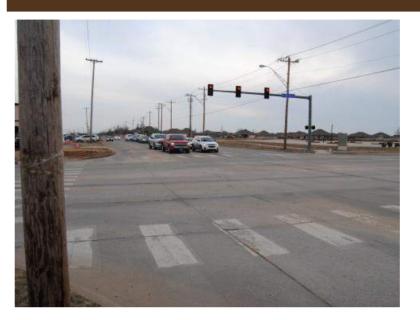
Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

King's Manor KM4 Sidewalks E.2





#### Infrastructure Rating Index (IRI)

19.85

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	343			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	7668	22.36	2.00	44.71
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	49.31

Proximity Analysis		Fordered	M/. *. 1. /*	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	343	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

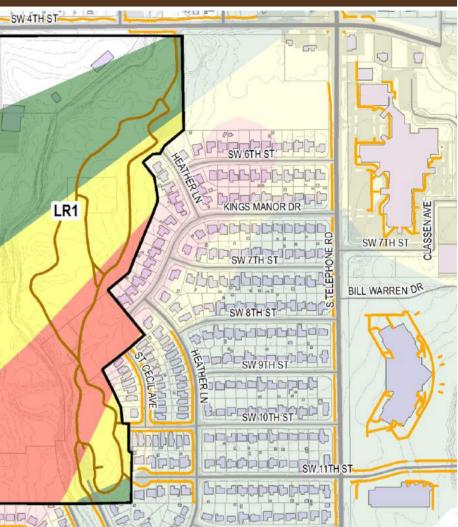
Proximity Score 3.00

Damage Score		Fraction of	Weighting	
Description	Value	Historical Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2162	0.28	10.00	2.82
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3149	0.41	5.00	2.05
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1879	0.25	2.00	0.49
Length Outside Damage Area prior to Disaster (ft)	478	0.06	1.00	0.06
			Damage Score	5.43

#### Key Map NORTH 10 4 Legend ----- Sidewalk Reconstruction Anticipated PE SW 6TH,ST G PLAZA DR 4 SW8TH STOP SUCCES RIDGEWAY DR EAGLEDR विमन्त्र ह 0 0 PENMUN SW 10TH STOPPO E

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00
						<b>Condition Score</b>	0.25

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Little River LR1 Sidewalks





## **City of Moore** Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Wainhtin n	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Wainkting	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		н	ealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recove	ry/Revitalization Score	30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Little River LR1 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

97.99

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	4.60

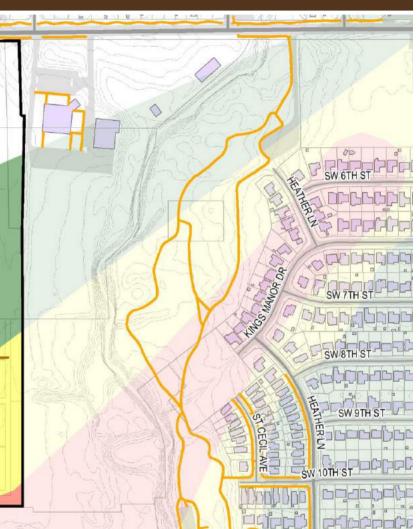
Proximity Analysis		Function of		
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	290	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	367	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00	
			Damage Score	0.00	

#### Key Map SW 4TH ST -0 NORTH Legend Sidewalk Missing or Not Continuous Sidewalk Reconstruction Anticipated PENN SW 6TH ST LR2 PENNUN COPPOR<mark>SW 8TH STOOP SP. (</mark>SU IRDAN PL CARDAN PL RIDGEWAY DR NEWPORT AV BERE l Pod P D, o poppa to pop 1

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.00

Assessment Area **Assessment Sub-Area** Infrastructure Category Exhibit Group Little River LR2 Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Wainkéna	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		ŀ	lealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			14/2:	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		_	ery/Revitalization Score	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Little River LR2 Sidewalks E.2



#### Infrastructure Rating Index (IRI)

14.60

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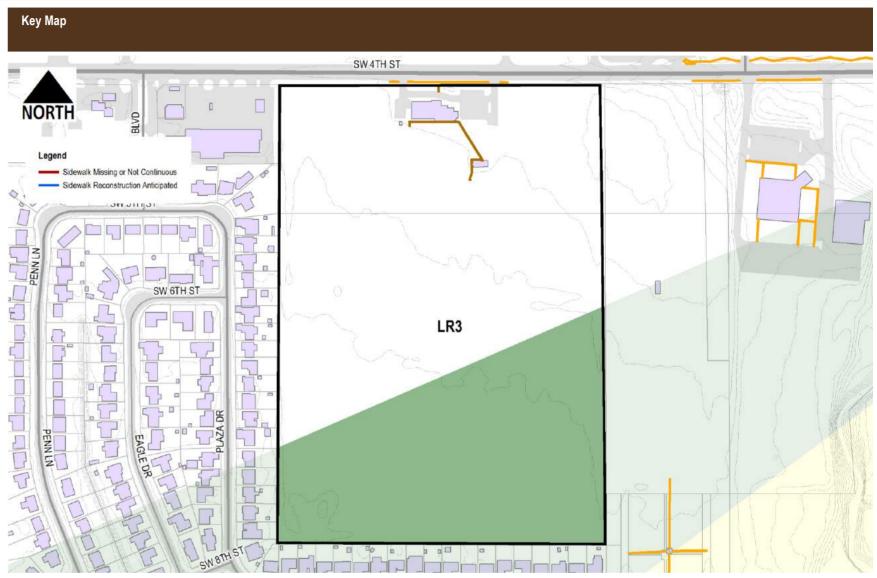
# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	4.60

Value	Fraction of Total Length	Weighting Factor	Score
0	0.00	5.00	0.00
0	0.00	4.00	0.00
0	0.00	3.00	0.00
0	0.00	1.00	0.00
0	0.00	1.00	0.00
	0 0 0 0	0 0.00 0 0.00 0 0.00 0 0.00	Value         Total Length         Factor           0         0.00         5.00           0         0.00         4.00           0         0.00         3.00           0         0.00         1.00

Proximity Score 0.00

Damage Score		Fraction of	Weighting	
Description	Value	Historical Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	446	0.00	1.00	0.00
			Damage Score	0.00



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Little River LR3 Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			W.a.;	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recov	very/Revitalization Score	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score	0.00
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Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Little River LR3 Sidewalks E.2



#### Infrastructure Rating Index (IRI)

9.60

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## Infrastructure Recovery and Implementation Plan

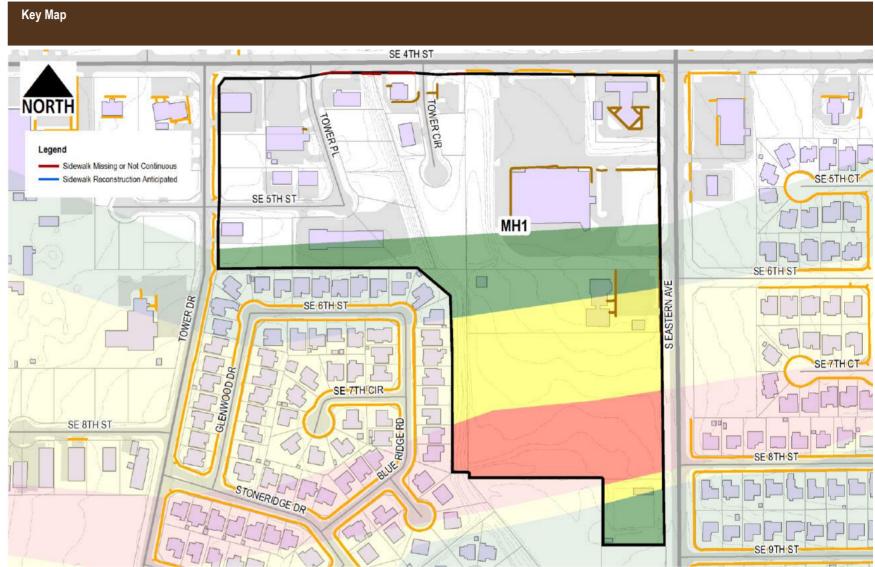
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	2244			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2314	1.03	2.00	2.06
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	256	0.11	6.00	0.68
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	230	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	26	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	7.35

Proximity Analysis		Fraction of	Mainhting	
Description	Value	Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	1644	0.73	1.00	0.73
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	0.73

Proximity Score	(
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Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	225	0.10	5.00	0.49	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	245	0.11	2.00	0.21	
Length Outside Damage Area prior to Disaster (ft)	1845	0.80	1.00	0.80	
			Damage Score	1.50	



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	1	0.25	0.25
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	11	0.25	2.75
						Condition Score	3.50

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Madison Place / Hunter's Gl MH1 Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	very/Revitalization Score	5.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Madison Place / Hunter's Gl MH1 Sidewalks

E.2





### Infrastructure Rating Index (IRI)

18.07

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### Infrastructure Recovery and Implementation Plan

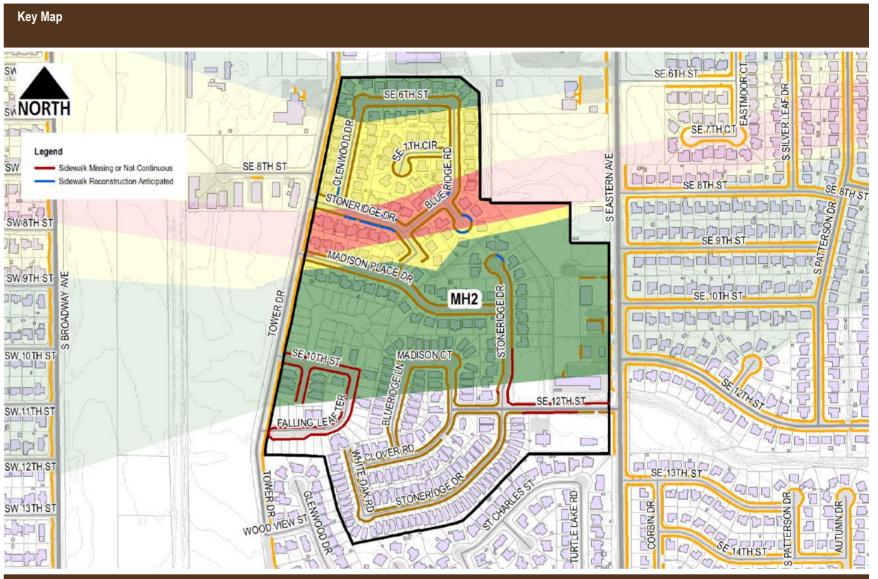
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	ı		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	20247			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	16401	0.81	2.00	1.62
Future damage anticipated per field assessment (ft)	1003	0.05	0.05	0.20
Sidewalk Missing or not Continuous (ft)	3566	0.18	6.00	1.06
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3209	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	357	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	7.47

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	20247	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	10948	0.54	1.00	0.54
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 3.54

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1865	0.11	10.00	1.14	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3296	0.20	5.00	1.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5866	0.36	2.00	0.72	
Length Outside Damage Area prior to Disaster (ft)	5373	0.33	1.00	0.33	
			Damage Score	3.18	



Condition Analysis		Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	3	0.25	0.75	SW8 - longitudinal slope > 5%	1	0.25	0.25	
SW2 - joint deflection	11	0.25	2.75	SW9 - cross slope > 2%	0	0.25	0.00	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25	
SW4 - panel cracking	15	0.25	3.75	SW11 - anticipated future damage	19	0.25	4.75	
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	2	0.25	0.50	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	7	0.25	1.75	SW15- not ADA compliant at intersection	0	0.25	0.00	
						Condition Score	15.00	

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Madison Place / Hunter's Gl MH2 Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Waishting	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	overy/Revitalization Score	30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

		Sustainability Score	5.00
Opportunity Score		Weighting	
Project Description	Score	Factor	Score
SUB-AREA MH2: RECONSTRUCTION OF ALL SIDEWALKS IN SUB-AREA	1.00	5.00	5.00

Opportunity Score 5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Madison Place / Hunter's Gl MH2 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

69.20

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	10915			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	2838	0.26	2.00	0.52
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	4125	0.38	6.00	2.27
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	4125	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	7.79

Proximity Analysis		Fraction of	Waighting	
Description	Value	Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	9807	0.90	3.00	2.70
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

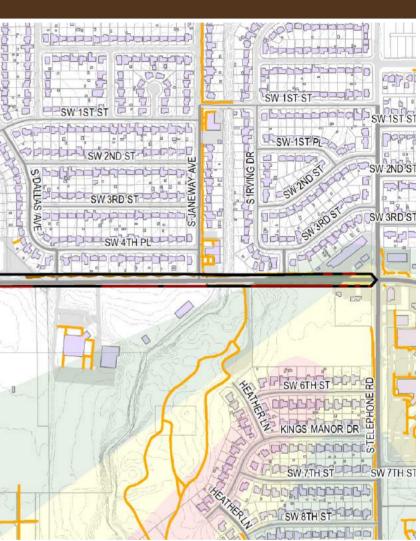
Proximity Score 2.70

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	6	0.00	5.00	0.01	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	226	0.08	2.00	0.16	
Length Outside Damage Area prior to Disaster (ft)	2606	0.92	1.00	0.92	
			Damage Score	1.09	

### Key Map NORTH Legend Sidewalk Missing or Not Continuous Sidewalk Reconstruction Anticipated MISON BLVD 20002 SW 5TH ST S SANTA FE AV GW 6TH ST ŀ ۲<del>۲</del> 10 P 0 SW8TH ST SW 8TH

Condition Analysis		Weighting	Weiahtina			Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00	
SW2 - joint deflection	2	0.25	0.50	SW9 - cross slope > 2%	0	0.25	0.00	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00	
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	0	0.25	0.00	
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	9	0.25	2.25	
						Condition Score	3.25	

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group North 4th Street N4A Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			M/a:=h4:==	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			W/sishting	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		He	ealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Wainh4in a	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recover	y/Revitalization Score	30.00

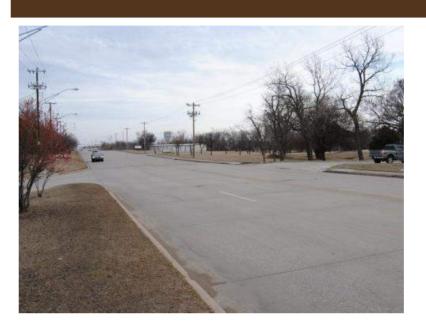
Sustainability			Weighting	
Description	Value	Score	Weighting Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4A Sidewalks E.2



#### Infrastructure Rating Index (IRI)

54.82

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### Infrastructure Recovery and Implementation Plan

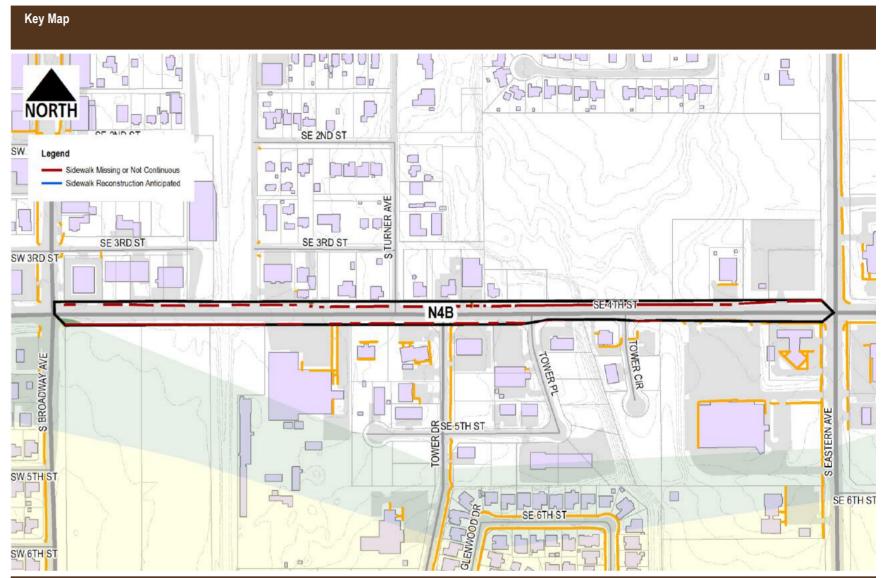
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	6304			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	332	0.05	2.00	0.11
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3597	0.57	6.00	3.42
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3597	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	8.53

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	4182	0.66	1.00	0.66
Length within 0.25-mi of Library (ft)	1483	0.24	1.00	0.24

Proximity Score 0.90

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4	0.01	2.00	0.02	
Length Outside Damage Area prior to Disaster (ft)	328	0.99	1.00	0.99	
			Damage Score	1.01	



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15- not ADA compliant at intersection	2	0.25	0.50
						Condition Score	1.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group North 4th Street N4B Sidewalks



## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Reco	very/Revitalization Score	30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group North 4th Street N4B Sidewalks E.2



#### Infrastructure Rating Index (IRI)

51.44

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### Infrastructure Recovery and Implementation Plan

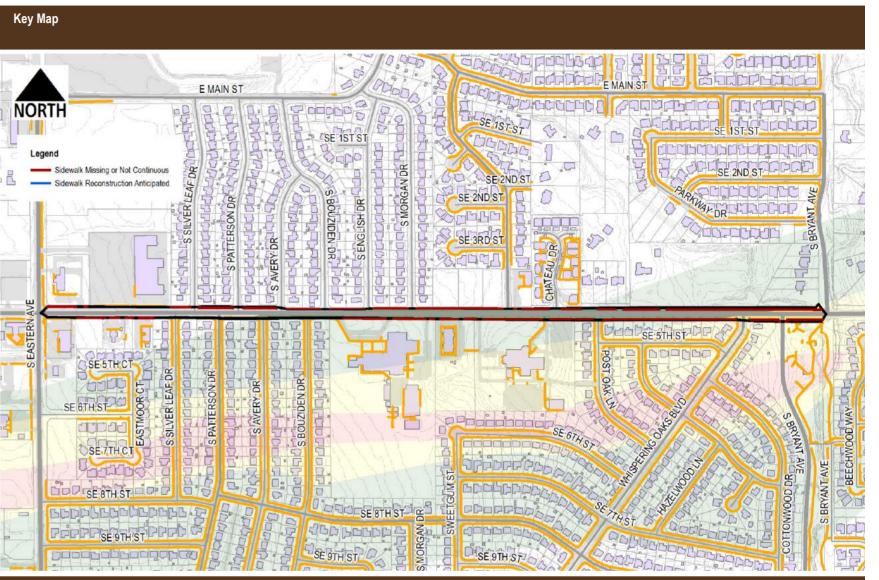
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11873			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	1849	0.16	2.00	0.31
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	7268	0.61	6.00	3.67
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	7268	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	8.98

Proximity Analysis		Frankright	M	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	7795	0.66	4.00	2.63
Length within 0.25-mi of Park (ft)	4064	0.34	3.00	1.03
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 3.65

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	77	0.04	5.00	0.21	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	596	0.32	2.00	0.64	
Length Outside Damage Area prior to Disaster (ft)	1177	0.64	1.00	0.64	
			Damage Score	1.49	



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	2	0.25	0.50	SW9 - cross slope > 2%	1	0.25	0.25
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	5	0.25	1.25	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	6	0.25	1.50	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	6	0.25	1.50	SW15- not ADA compliant at intersection	7	0.25	1.75
						<b>Condition Score</b>	7.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group North 4th Street

N4C

Sidewalks



## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00

Long Term Recovery / Economic Revitalization Weighting Factor Score Description Value Score Q40: Opportunity to improve community asethetic Yes 1.00 5.00 5.00 Q41: Current condition may be deterring reinvestment 1.00 5.00 5.00 Yes Q42: Historic capacity / load / design issue with infrastructure Yes 1.00 10.00 10.00 Q43: Projected capacity issue with infrastructure Yes 1.00 5.00 5.00 5.00 Q44: Projected maintenance issue with infrastructure Yes 1.00 5.00 Recovery/Revitalization Score 30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 5.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group North 4th Street N4C Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

56.13

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11326			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	38	0.00	2.00	0.01
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	9912	0.88	6.00	5.25
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	9912	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where	0	0	1.00	0.00
insufficient right-of-way exists (ft)			Background Score	10.26

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	2748	0.24	3.00	0.73
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
				0.70

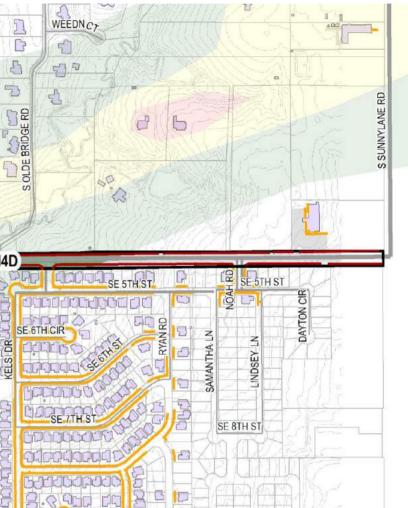
Proximity Score 0.73

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	38	1.00	1.00	1.00	
			Damage Score	1.00	

#### T 2 43 S MAIN ST 0 5 DR 2 T NORTH 53 □ C S D 3 2 SE IST ST P E Legend IDE DR CL. T ----- Sidewalk Missing or Not Continuous SRIVERS P ----- Sidewalk Reconstruction Anticipated al al U 🗆 B S BRYANT . 20 20 R 5 D SE 3RD ST 4 4 0 I 5 53 PB,d 2 D N4D SE STH ST COLAR DATATO DE DATA 20 CBOO OD WAY 10C SE 7TH ST BEECH S BRYANT AVE SE 8TH ST S BRYANT AVE ירברנרתרוםם חוומים ERLY CREEK 1000D WIMBERLY CA JOYOC HOP CIE JOPPE

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group North 4th Street N4D Sidewalks E.2



00



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Minischtin s	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		H	ealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Deceve	nu/Dovitalization Sooro	20.00

Recovery/Revitalization Score 30.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score
045: Opportunity for introduction of sustainable design concepts				

tion of sustainable design concep

		Sustainability Score	5.00
Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

North 4th Street N4D Sidewalks E.2



#### Infrastructure Rating Index (IRI)

46.99

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	4.60

Proximity Analysis		Fraction of	Weighting	
Description	Value	Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	0.00

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	181	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1611	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	1596	0.00	1.00	0.00	
			Damage Score	0.00	

### Key Map -0 00 P NORTH SW 16TH ST Legend 51 Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated S SANTA FE AVE PT1 11 **GREENS DRIVEWAY**

Condition Analysis		Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00	
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00	
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00	
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00	
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00	
						Condition Score	0.50	

Assessment Area **Assessment Sub-Area** Infrastructure Category Exhibit Group Plaza Towers

PT1

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Value	Score	Weighting Factor	Score
40027.2016.04.1	0.00	10.00	0.00
No	0.00	5.00	0.00
		LMI Score	0.00
	40027.2016.04.1	40027.2016.04.1 0.00	Value         Score         Factor           40027.2016.04.1         0.00         10.00           No         0.00         5.00

Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		Неа	Ith and Safety Score	0.00

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Recovery	Revitalization Score	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Plaza Towers

PT1

Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

5.10

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	17807			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	16914	0.95	2.00	1.90
Future damage anticipated per field assessment (ft)	5647	0.32	0.32	1.27
Sidewalk Missing or not Continuous (ft)	2368	0.13	6.00	0.80
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	2131	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	237	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	8.57

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	16958	0.95	5.00	4.76
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 4.76

Damage Score		Fraction of	Weighting	
Description	Value	Historical Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	10482	0.62	10.00	6.20
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3641	0.22	5.00	1.08
Length within EF0 to EF2 Damage Area prior to disaster (ft)	2791	0.17	2.00	0.33
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
			Damage Score	7.60

## Key Map 5 -NORTH SW 11TH ST Legend Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated SW 12TH ST SW 13TH ST SANTA FE AVE S SW 14TH ST SW 15TH ST W-16TH S

Condition Analysis		Weighting				Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score	
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00	
SW2 - joint deflection	5	0.25	1.25	SW9 - cross slope > 2%	0	0.25	0.00	
SW3 - panel settlment	3	0.25	0.75	SW10 - evidence of ponding	5	0.25	1.25	
SW4 - panel cracking	12	0.25	3.00	SW11 - anticipated future damage	100	0.25	25.00	
SW5 - obstructions present	3	0.25	0.75	SW12 - evidence of recent repair work	0	0.25	0.00	
SW6 - curb ramps not present	15	0.25	3.75	SW14 - insufficient vehicular separation	0	0.25	0.00	
SW7 - sidewalk missing or not continuous	39	0.25	9.75	SW15- not ADA compliant at intersection	0	0.25	0.00	
						<b>Condition Score</b>	45.50	

Assessment Area **Assessment Sub-Area** Infrastructure Category Exhibit Group Plaza Towers

PT2

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

		Weighting	
Value	Score	Factor	Score
40027.2016.04.1	0.00	10.00	0.00
No	0.00	5.00	0.00
		LMI Score	0.00
		Weighting	
Value	Score	Factor	Score
No	0.00	1.00	0.00
	H	Health and Safety Score	0.00
		Weighting	
Value	Score	Factor	Score
Yes	1.00	5.00	5.00
Yes	1.00	5.00	5.00
No	0.00	10.00	0.00
No	0.00	5.00	0.00
Yes	1.00	5.00	5.00
	Recov	ery/Revitalization Score	15.00
		Weighting	
Value	Score	Factor	Score
		_	
		Sustainability Score	5.00
		Weighting	
	Score	Factor	Score
	1.00	5.00	5.00
	40027.2016.04.1 No Value No Value Yes Yes No No No Yes	40027.2016.04.1       0.00         No       0.00         Value       Score         No       0.00         Value       Score         No       0.00         Yes       1.00         Yes       1.00         No       0.00         Yes       1.00         Yes       1.00         No       0.00         Yes       1.00         No       0.00         Yes       1.00         No       0.00         Yes       1.00         Yes       1.00         Yes       1.00         Score       Score	40027.2016.04.1       0.00       10.00         No       0.00       5.00         LMI Score       LMI Score         Value       Score       Factor         No       0.00       1.00         No       0.00       1.00         Value       Score       Factor         Yes       1.00       5.00         Yes       1.00       5.00         No       0.00       10.00         Yes       1.00       5.00         No       0.00       5.00         Yes       1.00       5.00         No       0.00       5.00         No       0.00       5.00         Yes       1.00       Score         Yeighting       Factor         Yeighting       Factor         Yeighting       Yeighting         Yeighting </td

Opportunity Score 5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT2 Sidewalks

E.2



### Infrastructure Rating Index (IRI)

91.43

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### Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swair	ı		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	15411			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	11893	0.77	2.00	1.54
Future damage anticipated per field assessment (ft)	3437	0.22	0.22	0.89
Sidewalk Missing or not Continuous (ft)	4738	0.31	6.00	1.84
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	4264	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	474	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	8.88

Proximity Analysis		Franking of	M/-:	
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	14597	0.95	5.00	4.74
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	8349	0.54	3.00	1.63
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 6.36

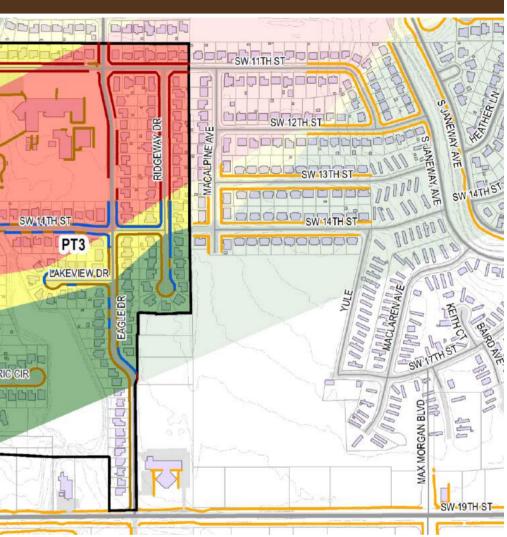
Damage Score		Fraction of	Weighting	
Description	Value	Historical Length	Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	4609	0.39	10.00	3.88
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2914	0.25	5.00	1.23
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3562	0.30	2.00	0.60
Length Outside Damage Area prior to Disaster (ft)	807	0.07	1.00	0.07
			Damage Score	5.77

#### Key Map 5 NORTH Legend TH ST PROPP 0 Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated SW 13TH ST SW 14TH ST PT3 SANTA FE LAKEVIEW, DR DECERT CECER SW 16TH ST COD PODDOL SW 19TH ST SW 149TH ST 7 -

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	1	0.25	0.25	SW10 - evidence of ponding	1	0.25	0.25
SW4 - panel cracking	6	0.25	1.50	SW11 - anticipated future damage	40	0.25	10.00
SW5 - obstructions present	1	0.25	0.25	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	11	0.25	2.75	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	15	0.25	3.75	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	19.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Plaza Towers PT3

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			M/-:	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		ŀ	lealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Wainhding	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recov	ery/Revitalization Score	30.00
Sustainability			Weighting	
			VEIGHING	

**Opportunity Score** Weighting Factor **Project Description** Score Score 1.00 5.00 5.00 SUB-AREA PT3: RECONSTRUCTION OF ALL SIDEWALKS 5.00 Opportunity Score

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT3 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

85.01

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## Infrastructure Recovery and Implementation Plan

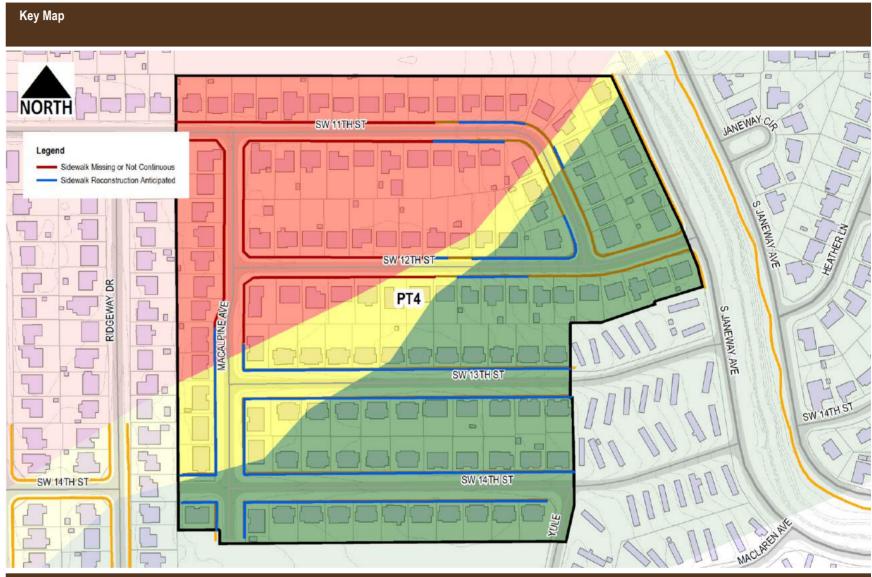
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	10580			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	6599	0.62	2.00	1.25
Future damage anticipated per field assessment (ft)	5215	0.49	0.49	1.97
Sidewalk Missing or not Continuous (ft)	3068	0.29	6.00	1.74
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	2761	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	307	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	9.56

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	8136	0.77	5.00	3.84
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	10580	1.00	3.00	3.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 6.84

Damage Score		Fraction of	Weighting		
Description	Value	Historical Length	Factor	Score	
Length within EF4 to EF5 Damage Area prior to disaster (ft)	713	0.11	10.00	1.08	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1440	0.22	5.00	1.09	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4447	0.67	2.00	1.35	
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00	
			Damage Score	3.52	



Condition Analysis		Weighting	Weighting			Weighting			
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score		
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00		
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	1	0.25	0.25		
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00		
SW4 - panel cracking	1	0.25	0.25	SW11 - anticipated future damage	71	0.25	17.75		
SW5 - obstructions present	2	0.25	0.50	SW12 - evidence of recent repair work	0	0.25	0.00		
SW6 - curb ramps not present	8	0.25	2.00	SW14 - insufficient vehicular separation	0	0.25	0.00		
SW7 - sidewalk missing or not continuous	6	0.25	1.50	SW15- not ADA compliant at intersection	0	0.25	0.00		
						<b>Condition Score</b>	22.25		

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Plaza Towers PT4 Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

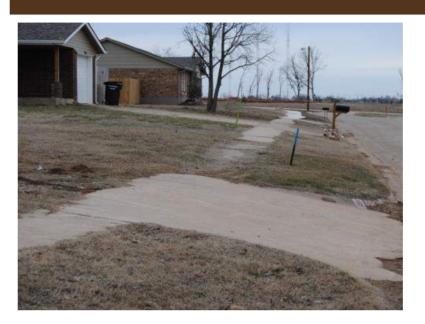
LMI Benefit			Wainhing	
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
			LMI Score	5.00
Health and Safety			Weinheim	
Description	Value	Score	Weighting Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
		ŀ	lealth and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Wainhing	
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
		Recove	ery/Revitalization Score	30.00
Sustainability				

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				

Sustainability Score 5.00

Opportunity Score Project Description	Score	Weighting Factor	Score
SUB-AREA PT4: RECONSTRUCTION OF ALL SIDEWALKS	1.00	5.00	5.00
		Opportunity Score	5.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT4 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

87.17

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# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	26465			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	213	0.01	2.00	0.02
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	24286	0.92	6.00	5.51
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	21857	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	2429	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	10.12

Proximity Analysis		Fraction of	Mainhting	
Description	Value	Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	19157	0.72	5.00	3.62
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	13181	0.50	3.00	1.49
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
			Proximity Score	5.11

Proximity Score	
-----------------	--

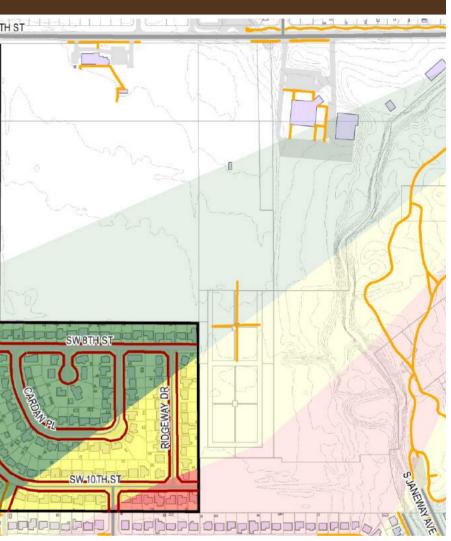
Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	50	0.23	5.00	1.17	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	162	0.76	2.00	1.52	
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00	
			Damage Score	2.69	

## Кеу Мар SW 4TH ST 59 NORTH Legend Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated AGTH. SANTA FE PT5 N 10TH S -

Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	1	0.25	0.25
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	1	0.25	0.25	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	2	0.25	0.50	SW15- not ADA compliant at intersection	0	0.25	0.00
						<b>Condition Score</b>	1.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Plaza Towers PT5

Sidewalks





# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting		
Description	Value	Score	Factor	Score	
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00	
Q38: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00	
			LMI Score	5.00	
Health and Safety			Weighting		
Description	Value	Score	Weighting Factor	Score	
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00	
		Не	alth and Safety Score	0.00	
Long Term Recovery / Economic Revitalization			M/-:		
Description	Value	Score	Weighting Factor	Score	
Q40: Opportunity to improve community asethetic	Yes	1.00	5.00	5.00	
Q41: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00	
Q42: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00	
Q43: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00	
Q44: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00	
	Recovery/Revitalization Score				

Sustainability			Weighting	
Description	Value	Score	Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				

Sustainability Score 5.00 **Opportunity Score** Weighting Factor Project Description Score Score 5.00 SUB-AREA PT5: CONSTRUCTION OF NEW SIDEWALKS IN ALL PUBLIC ROAD CORRIDORS 1.00 5.00

5.00 Opportunity Score

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT5 Sidewalks

E.2





#### Infrastructure Rating Index (IRI)

63.93

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## Infrastructure Recovery and Implementation Plan

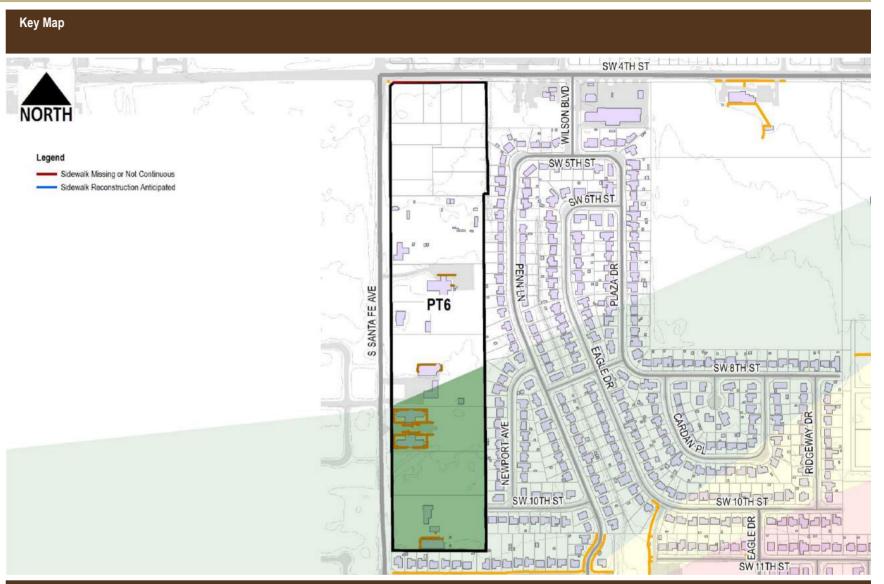
Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	W/sishting	
Description	Value	Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	4.60

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00

Proximity Score 0.00

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1443	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	293	0.00	1.00	0.00	
			Damage Score	0.00	



Condition Analysis		Weighting				Weighting	
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	1	0.25	0.25	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.25

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Plaza Towers

PT6

Sidewalks



# Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

LMI Benefit			Weighting	
Description	Value	Score	Factor	Score
Q37c: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q38: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
			LMI Score	0.00
Health and Safety			Weighting	
Description	Value	Score	Factor	Score
Q39: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
			Health and Safety Score	0.00
Long Term Recovery / Economic Revitalization			Weighting	
Description	Value	Score	Factor	Score
Q40: Opportunity to improve community asethetic	No	0.00	5.00	0.00
Q41: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q42: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q43: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q44: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
		Reco	very/Revitalization Score	0.00

Sustainability			Weighting	
Description	Value	Score	Factor	Score

Q45: Opportunity for introduction of sustainable design concepts

Sustainability Score 0.00

Opportunity Score		Weighting	
Project Description	Score	Factor	Score
No Projects Available	0.00	0.00	0.00

#### Infrastructure Photographs





Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group

Plaza Towers PT6 Sidewalks

E.2



#### Infrastructure Rating Index (IRI)

4.85

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## Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Data				
Description	Value			
Assessment By	N. Clair / R. Swai	n		
Date of Assessment	3/10/2015			
Background Data		Fraction of	Weighting	
Description	Value	Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	0			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	0	0.00	2.00	0.00
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	0	0.00	6.00	0.00
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	0	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where	0	0.1	1.00	0.10
insufficient right-of-way exists (ft)			Background Score	4.60

Proximity Analysis		Function of	W		
Description	Value	Fraction of Total Length	Weighting Factor	Score	
Length within 0.25-mi of Elementary School (ft)	0	0.00	5.00	0.00	
Length within 0.25-mi of Junior High School (ft)	0	0.00	4.00	0.00	
Length within 0.25-mi of Park (ft)	0	0.00	3.00	0.00	
Length within 0.25-mi of Community Center (ft)	0	0.00	1.00	0.00	
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00	

Proximity Score 0.00

Damage Score		Fraction of	Weighting	Score	
Description	Value	Historical Length	Factor		
Length within EF4 to EF5 Damage Area prior to disaster (ft)	0	0.00	10.00	0.00	
Length within EF2 to EF4 Damage Area prior to disaster (ft)	0	0.00	5.00	0.00	
Length within EF0 to EF2 Damage Area prior to disaster (ft)	0	0.00	2.00	0.00	
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00	
			Damage Score	0.00	

### Key Map SE 4TH ST NORTH SE 5TH ST 22 Legend Sidewalk Missing or Not Continuous ----- Sidewalk Reconstruction Anticipated 1 CHC SE 6TH ST D EWOOD ST HEDGEWOOD OR SE 7TH ST J7~ ASHWOOD LIV SE 8TH ST 2 1 d g n NIF

Condition Analysis		Weighting			Weighting		
Description	Quantity	Factor	Score	Description	Quantity	Factor	Score
SW1 - surface spall	0	0.25	0.00	SW8 - longitudinal slope > 5%	0	0.25	0.00
SW2 - joint deflection	0	0.25	0.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlment	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	0	0.25	0.00	SW11 - anticipated future damage	0	0.25	0.00
SW5 - obstructions present	0	0.25	0.00	SW12 - evidence of recent repair work	0	0.25	0.00
SW6 - curb ramps not present	0	0.25	0.00	SW14 - insufficient vehicular separation	0	0.25	0.00
SW7 - sidewalk missing or not continuous	0	0.25	0.00	SW15- not ADA compliant at intersection	0	0.25	0.00
						Condition Score	0.00

Assessment Area Assessment Sub-Area Infrastructure Category Exhibit Group Rock Creek RC2

Sidewalks

