



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Rock Creek
Assessment Sub-Area RC2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **4.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	5586			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4837	0.87	2.00	1.73
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	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				6.73

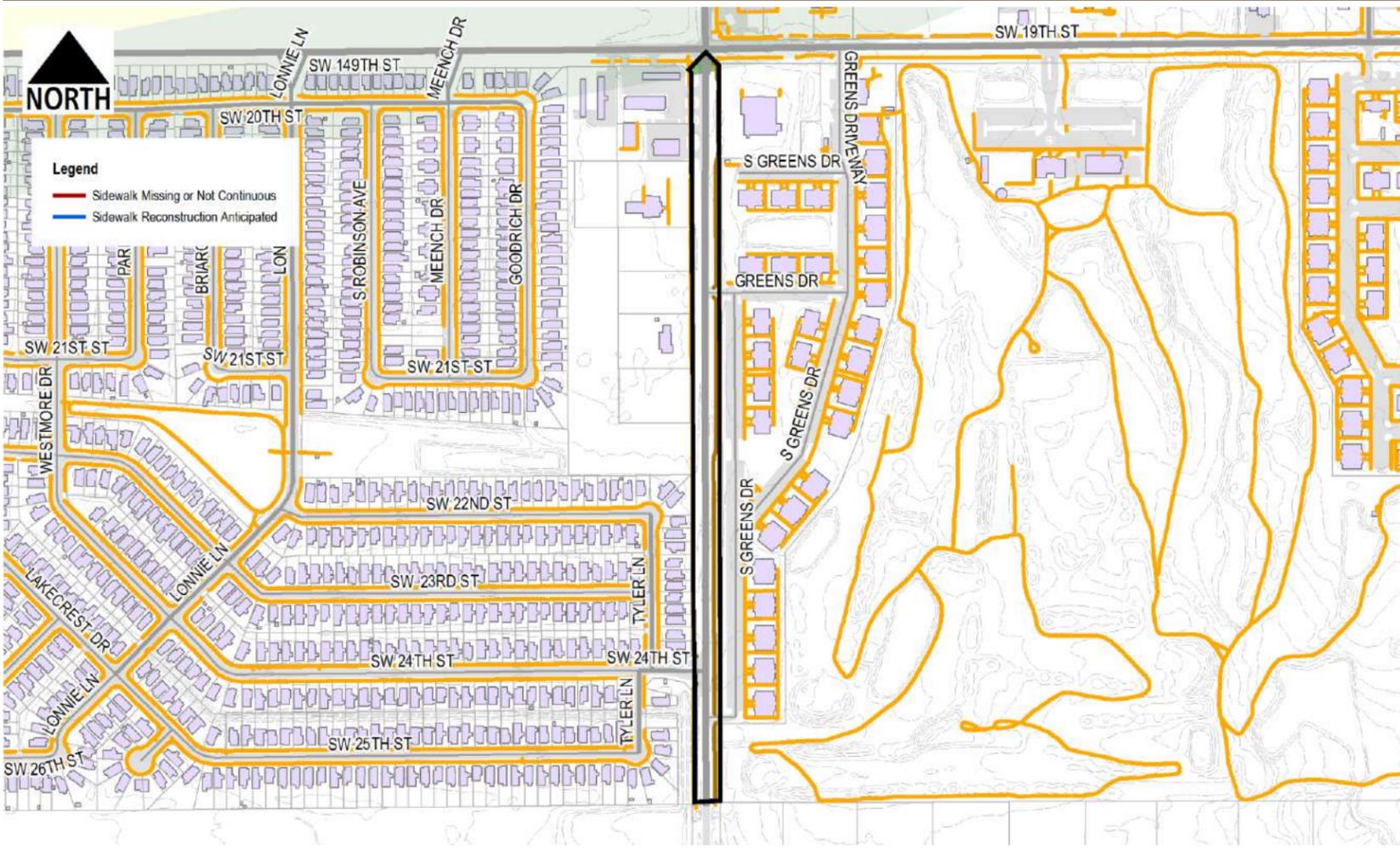
Proximity Analysis

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)	2842	0.51	4.00	2.04
Length within 0.25-mi of Park (ft)	5391	0.97	3.00	2.90
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				4.93

Damage Score

Description	Value	Fraction of Historical 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)	92	0.02	2.00	0.04
Length Outside Damage Area prior to Disaster (ft)	4745	0.98	1.00	0.98
Damage Score				1.02

Key Map



Condition Analysis

Description	Quantity	Weighting 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	4	0.25	1.00	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	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	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 1.25



City of Moore
Infrastructure Recovery and Implementation Plan
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Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37c: Census Block Group	40027.2022.06.1	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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **13.93**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	11033			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	469	0.04	2.00	0.09
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3963	0.36	6.00	2.16
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3963	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.24

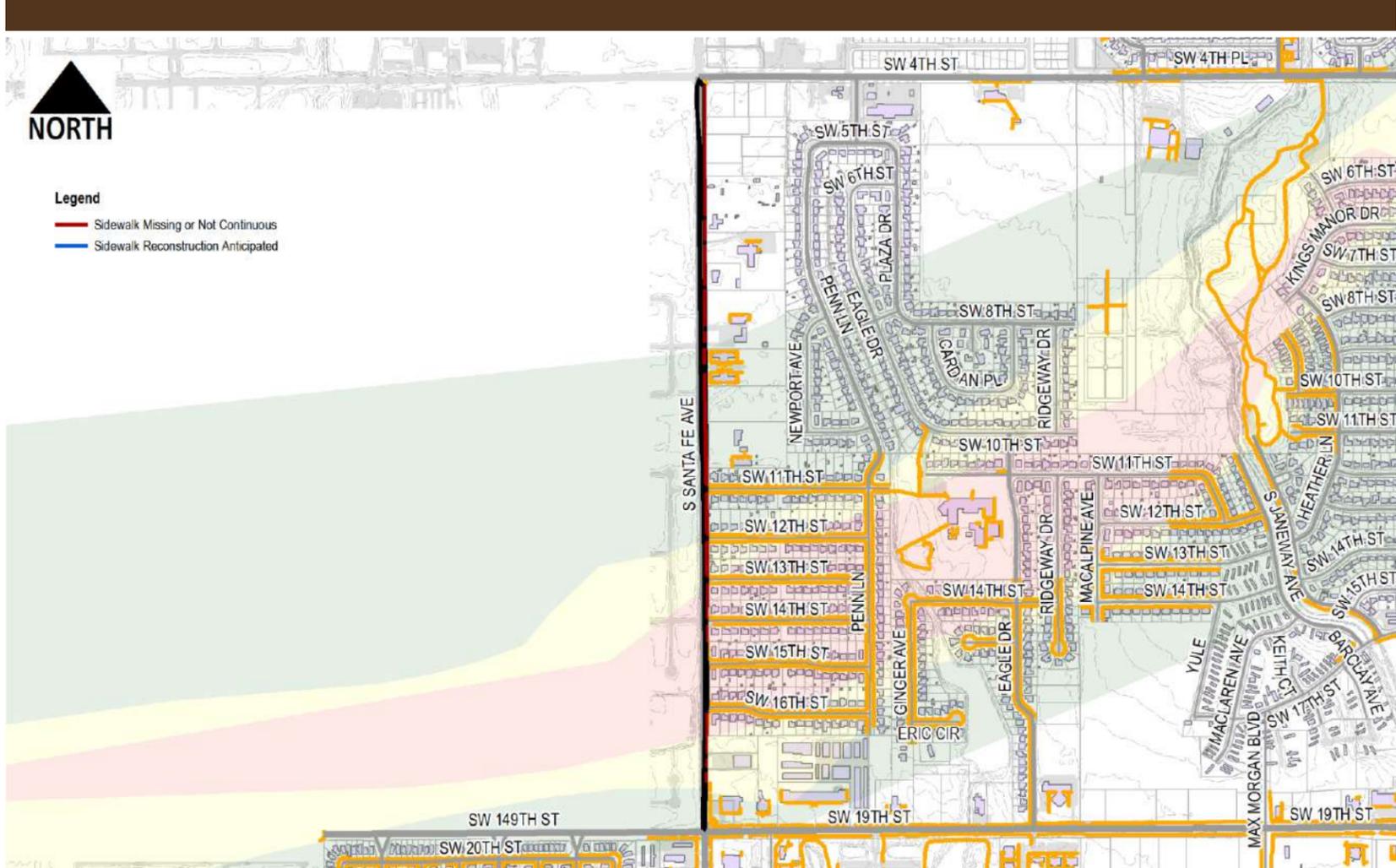
Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Elementary School (ft)	2296	0.21	5.00	1.04
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)	1304	0.12	3.00	0.35
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				1.40

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	466	0.99	10.00	9.94
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3	0.01	5.00	0.03
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				9.97

Key Map



Condition Analysis

Description	Quantity	Weighting 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 settlement	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



City of Moore
Infrastructure Recovery and Implementation Plan
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Assessment Area Santa Fe Avenue
Assessment Sub-Area SF2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
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	No	0.00	5.00	0.00
LMI Score				0.00

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

Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

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

Infrastructure Photographs





City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of 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 insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

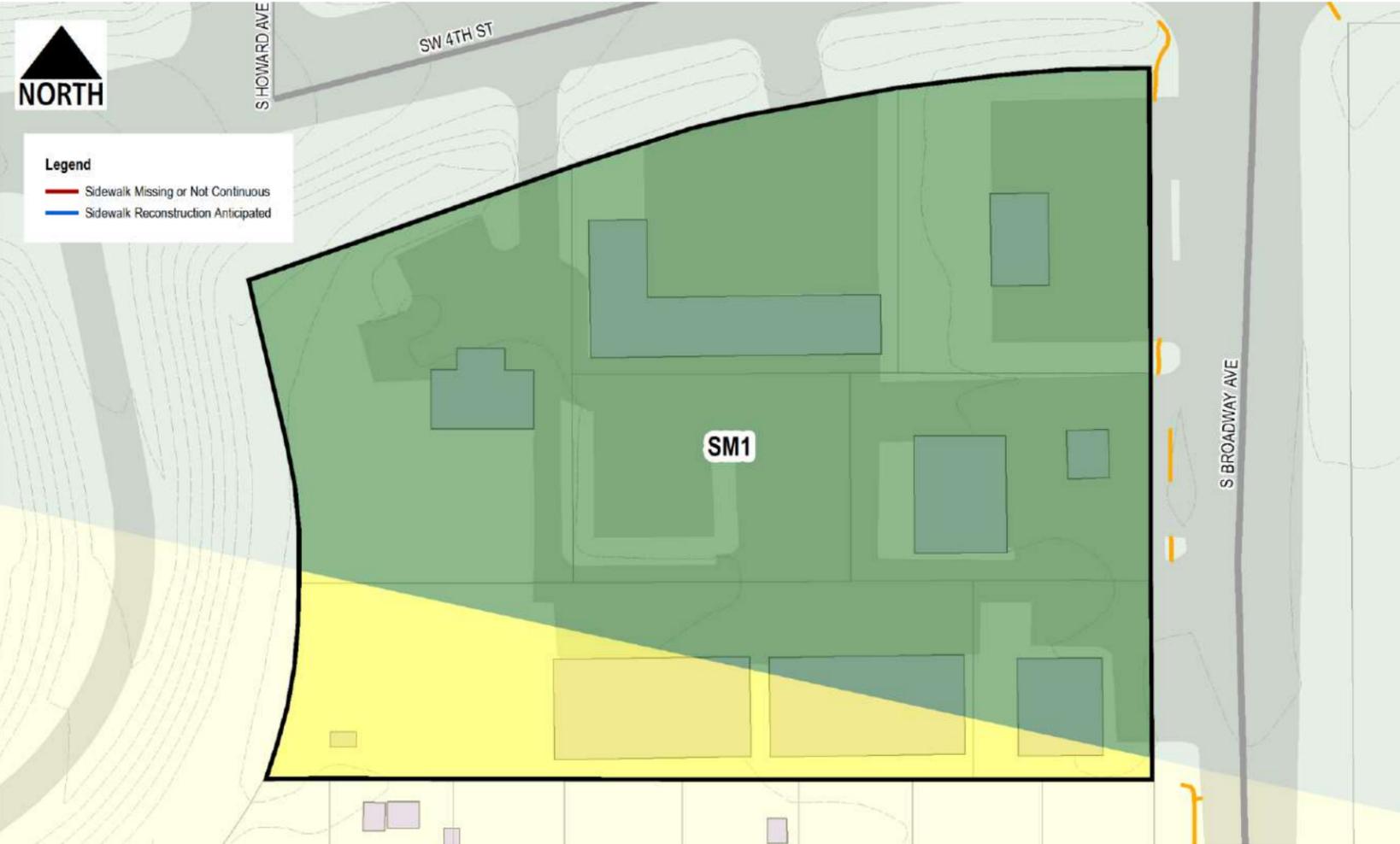
Proximity Analysis

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

Description	Value	Fraction of Historical 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)	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



Condition Analysis

Description	Quantity	Weighting 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 settlement	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



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **34.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	22346			
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)	21206	0.95	6.00	5.69
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	19085	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	2121	0.1	1.00	0.10
Background Score				10.29

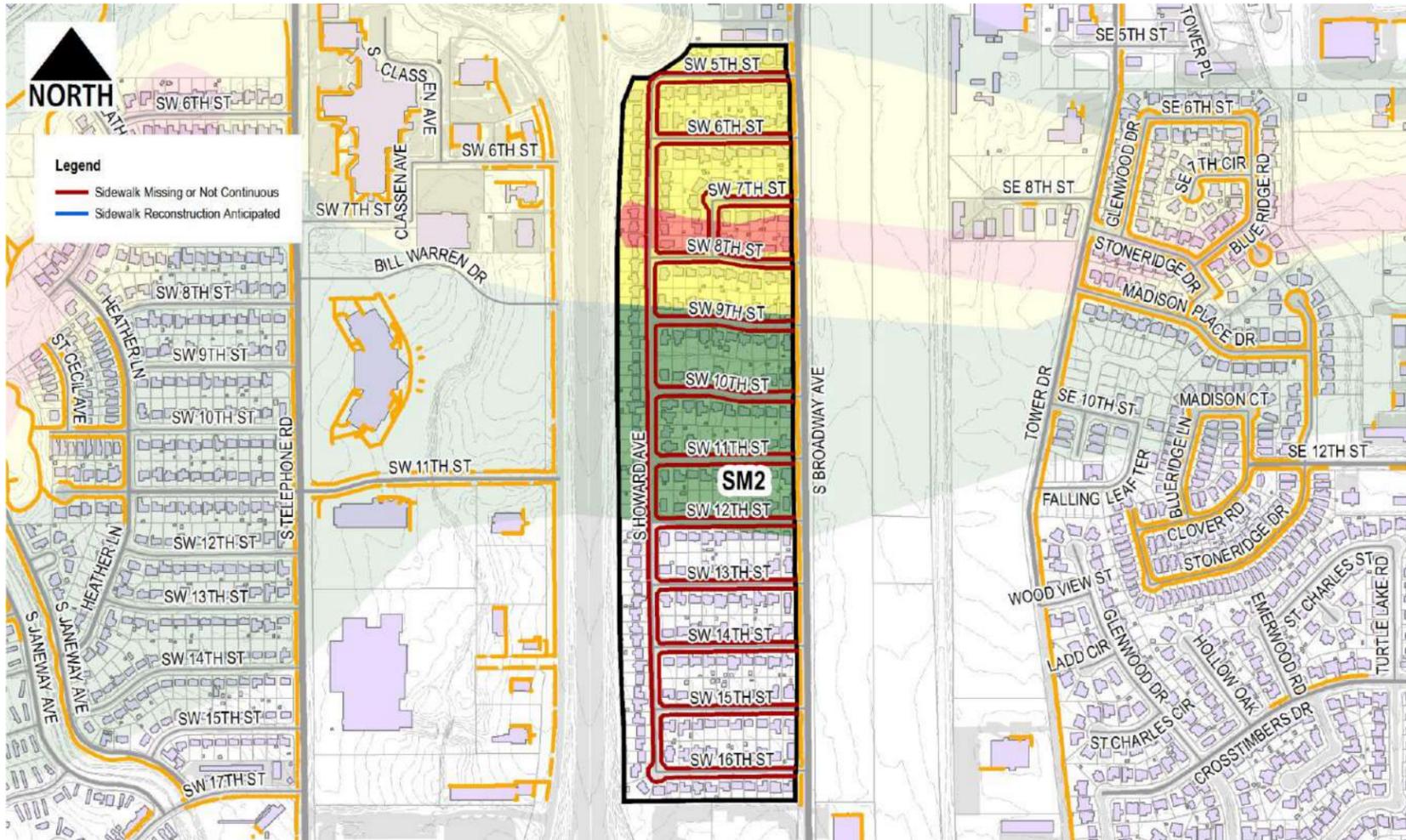
Proximity Analysis

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)	22346	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	1775	0.08	1.00	0.08
Proximity Score				1.08

Damage Score

Description	Value	Fraction of Historical 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)	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



Condition Analysis

Description	Quantity	Weighting 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 settlement	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



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				5.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.37**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD2
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of 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 insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

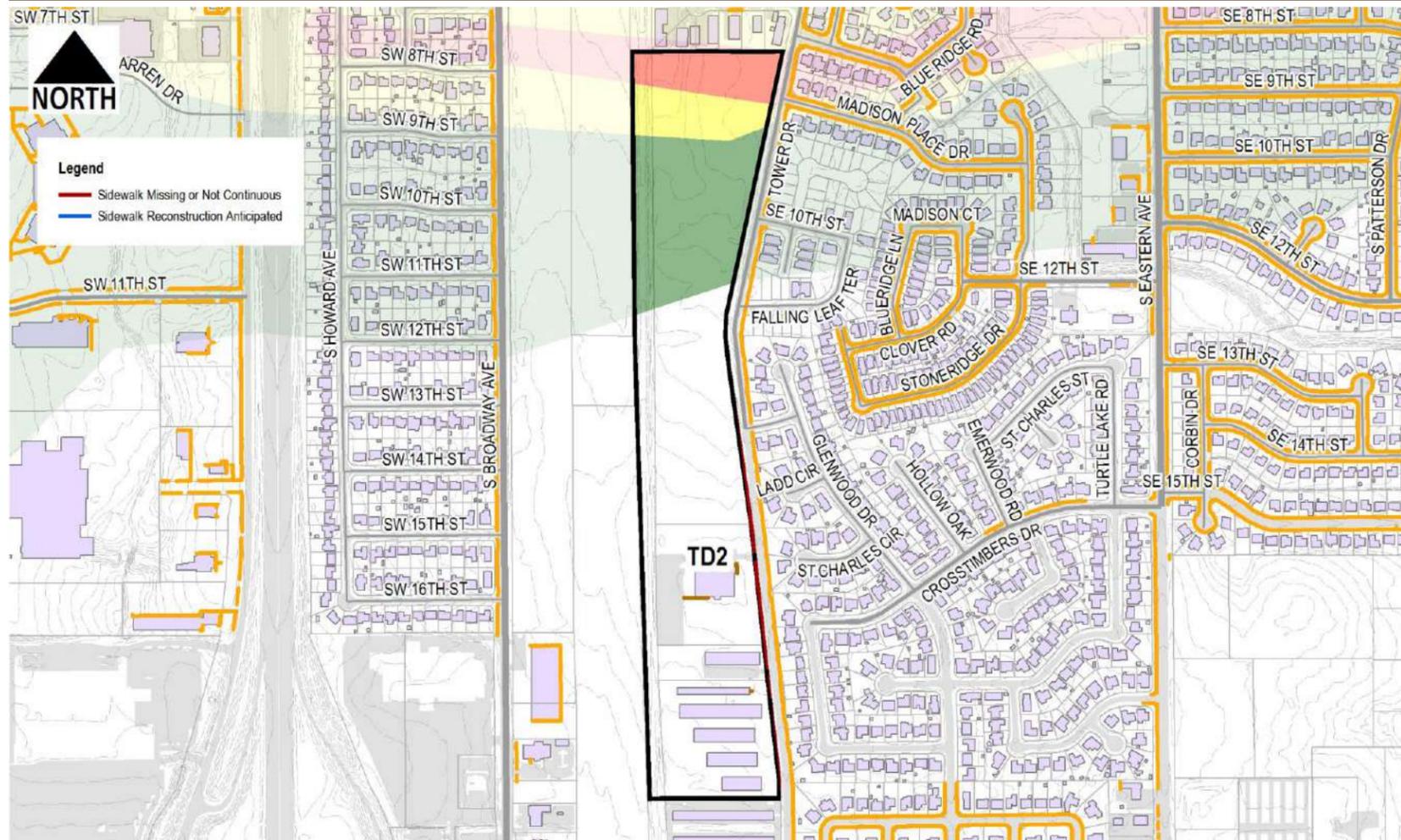
Proximity Analysis

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

Description	Value	Fraction of Historical 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)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	274	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting 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 settlement	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



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD2
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: 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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **4.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	1491			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	1260	0.85	2.00	1.69
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	295	0.20	6.00	1.19
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	266	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	30	0.1	1.00	0.10
Background Score				7.48

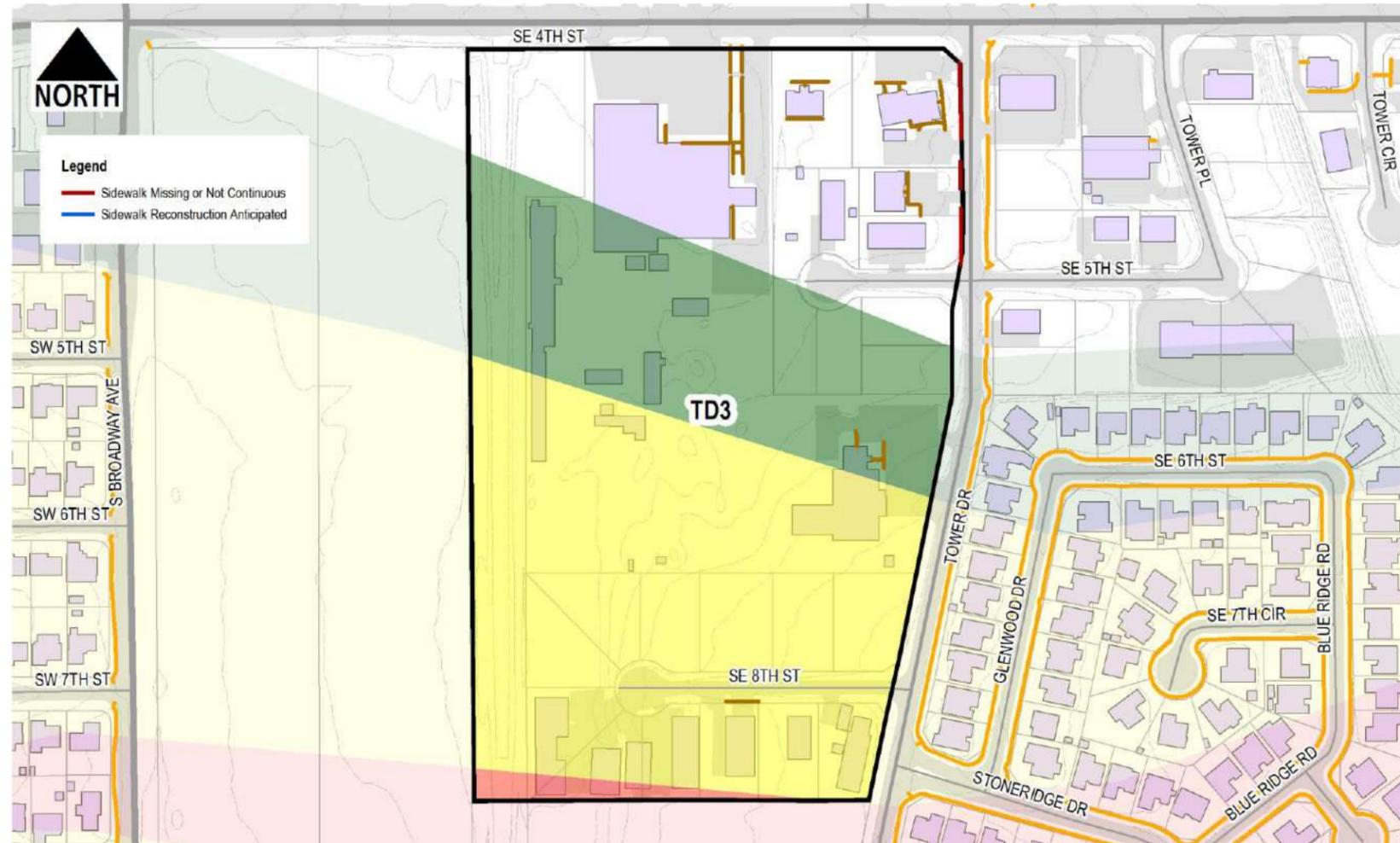
Proximity Analysis

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)	332	0.22	3.00	0.67
Length within 0.25-mi of Community Center (ft)	1491	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				1.67

Damage Score

Description	Value	Fraction of Historical 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)	57	0.05	5.00	0.23
Length within EF0 to EF2 Damage Area prior to disaster (ft)	94	0.07	2.00	0.15
Length Outside Damage Area prior to Disaster (ft)	1109	0.88	1.00	0.88
Damage Score				1.26

Key Map



Condition Analysis

Description	Quantity	Weighting 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 settlement	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



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
Assessment Sub-Area TD3
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: 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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **10.40**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Telephone Road
Assessment Sub-Area TP1
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	12036			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4131	0.34	2.00	0.69
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3414	0.28	6.00	1.70
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3414	1	5.00	5.00
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	0	0	1.00	0.00
Background Score				7.39

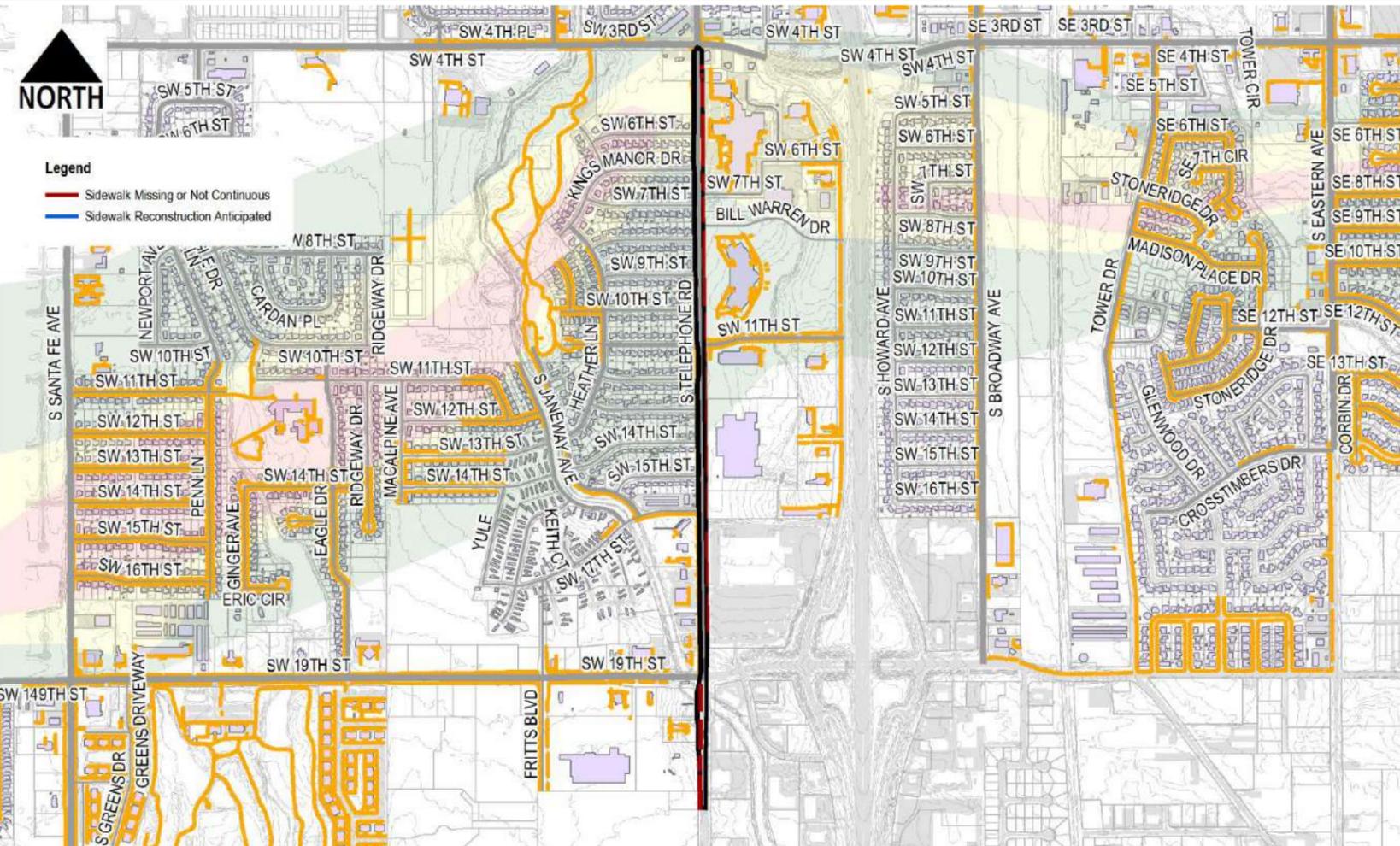
Proximity Analysis

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)	7699	0.64	3.00	1.92
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				1.92

Damage Score

Description	Value	Fraction of Historical 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)	617	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1987	0.48	2.00	0.96
Length Outside Damage Area prior to Disaster (ft)	1528	0.37	1.00	0.37
Damage Score				2.08

Key Map



Condition Analysis

Description	Quantity	Weighting 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	6	0.25	1.50	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	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	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	0	0.25	0.00	SW15 - not ADA compliant at intersection	7	0.25	1.75
Condition Score							5.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Telephone Road
 Assessment Sub-Area TP1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q37: 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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.64**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive
Assessment Sub-Area TW1
Infrastructure Category Sidewalks
Exhibit Group E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	6648			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	4972	0.75	2.00	1.50
Future damage anticipated per field assessment (ft)	0	0.00	0.00	0.00
Sidewalk Missing or not Continuous (ft)	3562	0.54	6.00	3.21
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	3206	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	356	0.1	1.00	0.10
Background Score				9.31

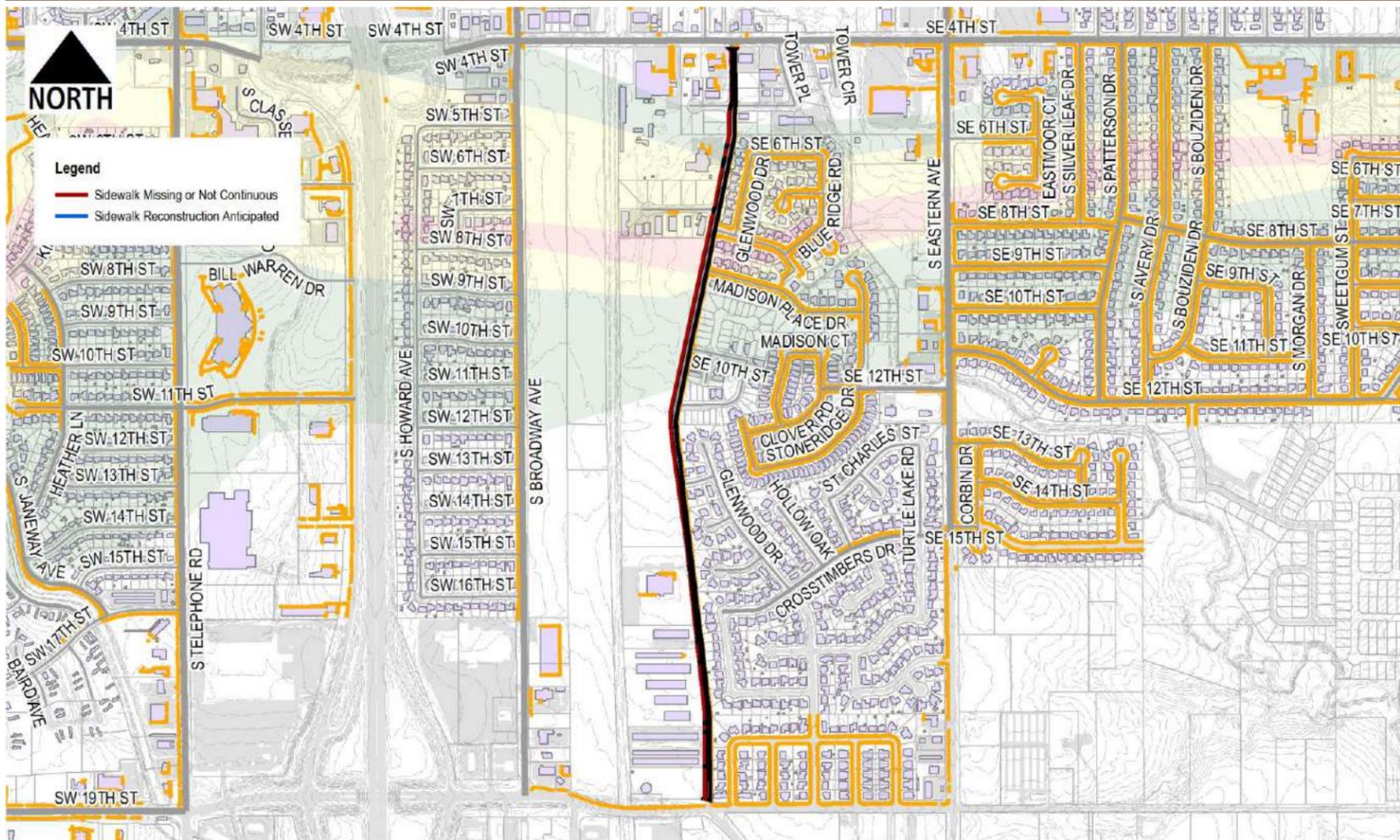
Proximity Analysis

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)	3800	0.57	3.00	1.71
Length within 0.25-mi of Community Center (ft)	6648	1.00	1.00	1.00
Length within 0.25-mi of Library (ft)	0	0.00	1.00	0.00
Proximity Score				2.71

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	212	0.04	10.00	0.43
Length within EF2 to EF4 Damage Area prior to disaster (ft)	515	0.10	5.00	0.52
Length within EF0 to EF2 Damage Area prior to disaster (ft)	958	0.19	2.00	0.39
Length Outside Damage Area prior to Disaster (ft)	3287	0.66	1.00	0.66
Damage Score				1.99

Key Map



Condition Analysis

Description	Quantity	Weighting 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	3	0.25	0.75	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	9	0.25	2.25	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	0	0.25	0.00	SW15 - not ADA compliant at intersection	0	0.25	0.00

Condition Score 3.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
Assessment Sub-Area TW1
Infrastructure Category Sidewalks
Exhibit Group E.2

LMI Benefit				
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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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	Yes	1.00	5.00	5.00
			Recovery/Revitalization Score	25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	5.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **47.02**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
Assessment Sub-Area: WT1
Infrastructure Category: Sidewalks
Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Approximate Maximum Sidewalk Length (ft, roadway length x 2)	8941			
Sidewalk Inventory				
Historical: Pre-Disaster Sidewalk Inventory per 2010 ACOG data (ft)	9196	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)	223	0.02	6.00	0.15
Available Right-of-Way Easements				
Q37a: Length of sidewalk to be constructed where sufficient right-of-way exists (ft)	201	0.9	5.00	4.50
Q37b: Length of sidewalk to be constructed where insufficient right-of-way exists (ft)	22	0.1	1.00	0.10
Background Score				6.81

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)	1608	0.18	3.00	0.54
Length within 0.25-mi of Community Center (ft)	2991	0.33	1.00	0.33
Length within 0.25-mi of Library (ft)	741	0.08	1.00	0.08
Proximity Score				0.96

Damage Score

Description	Value	Fraction of Historical 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)	4269	0.46	5.00	2.32
Length within EF0 to EF2 Damage Area prior to disaster (ft)	4928	0.54	2.00	1.07
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.39

Key Map



Condition Analysis

Description	Quantity	Weighting 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	1	0.25	0.25	SW9 - cross slope > 2%	0	0.25	0.00
SW3 - panel settlement	0	0.25	0.00	SW10 - evidence of ponding	0	0.25	0.00
SW4 - panel cracking	13	0.25	3.25	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	3	0.25	0.75
Condition Score							4.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting 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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.66**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT3
 Infrastructure Category: Sidewalks
 Exhibit Group: E.2

Assessment Data

Description	Value
Assessment By	N. Clair / R. Swain
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of 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 insufficient right-of-way exists (ft)	0	0.1	1.00	0.10
Background Score				4.60

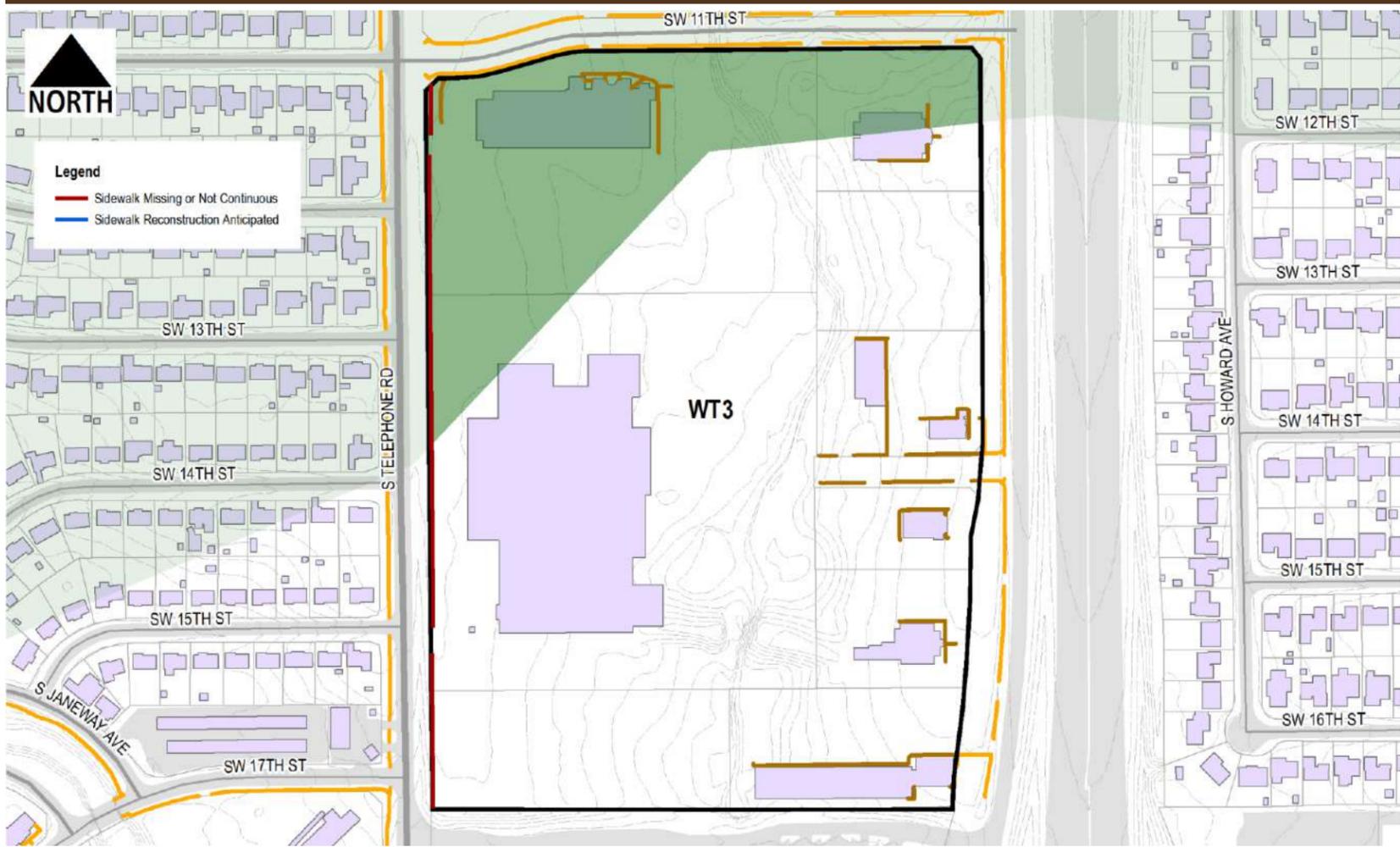
Proximity Analysis

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

Description	Value	Fraction of Historical 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)	505	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	2046	0.00	1.00	0.00
Damage Score				0.00

Key Map



Condition Analysis

Description	Quantity	Weighting 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 settlement	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



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Sidewalks
 Exhibit Group E.2

LMI Benefit				
Description	Value	Score	Weighting 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				
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				
Description	Value	Score	Weighting Factor	Score
Q40: Opportunity to improve community aesthetic	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				
Description	Value	Score	Weighting Factor	Score
Q45: Opportunity for introduction of sustainable design concepts				
			Sustainability Score	0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **19.60**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue

Assessment Sub-Area BA1

Infrastructure Category Sanitary

Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1721			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	1645	0.96	10.00	9.56
Diameter 8-in to 12-in (ft)	77	0.04	5.00	0.22
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	911	0.53	10.00	5.29
Length of Unknown (ft)	810	0.47	5.00	2.35
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	288	0.17	5.00	0.84
10 to 15-years	139	0.08	4.00	0.32
less than 10-years	0	0.00	2.00	0.00
Unknown	1294	0.75	1.00	0.75

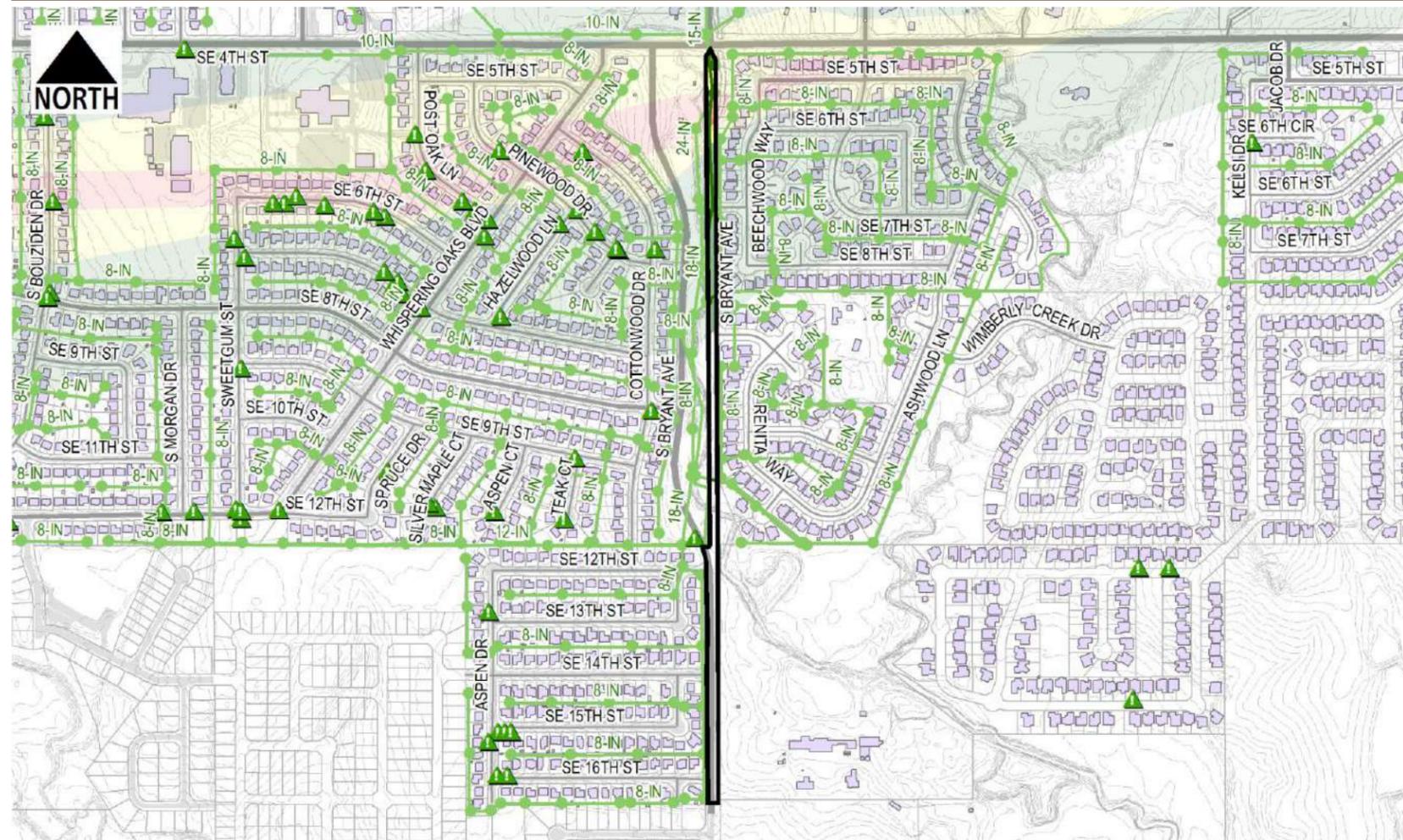
Background Score 21.34

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	320	0.19	10.00	1.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	564	0.33	5.00	1.64
Length within EF0 to EF2 Damage Area prior to disaster (ft)	679	0.39	2.00	0.79
Length Outside Damage Area prior to Disaster (ft)	158	0.09	1.00	0.09

Damage Score 4.38

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Rating Index (IRI) **25.72**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1866			
Total Sanitary Sewer Structures (ea)	7			
Line Size				
Diameter 12-in or greater (ft)	1062	0.57	10.00	5.69
Diameter 8-in to 12-in (ft)	804	0.43	5.00	2.15
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	53	0.03	10.00	0.28
Length of Unknown (ft)	1813	0.97	5.00	4.86
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	608	0.33	10.00	3.26
15 to 20-years	1120	0.60	5.00	3.00
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	138	0.07	1.00	0.07

Background Score 21.32

Damage Score

Description	Value	Fraction of Historical 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)	181	0.10	5.00	0.48
Length within EF0 to EF2 Damage Area prior to disaster (ft)	595	0.32	2.00	0.64
Length Outside Damage Area prior to Disaster (ft)	1089	0.58	1.00	0.58

Damage Score 1.71

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.03**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Broadway Avenue
 Assessment Sub-Area: BR1
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	0			
Total Sanitary Sewer Structures (ea)	0			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	0	0.00	5.00	0.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	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				0.00

Damage Score

Description	Value	Fraction of Historical 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)	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



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	9	0.25	2.25
Condition Score			2.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Broadway Avenue
Assessment Sub-Area BR1
Infrastructure Category Sanitary
Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)		0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Rating Index (IRI) **2.25**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	11055			
Total Sanitary Sewer Structures (ea)	42			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	11055	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	11055	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	21	0.50	2.00	1.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	21	0.50	5.00	2.50
Age				
More than 20-years	9135	0.83	10.00	8.26
15 to 20-years	1263	0.11	5.00	0.57
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	657	0.06	1.00	0.06
Background Score				22.39

Damage Score

Description	Value	Fraction of Historical 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)	1863	0.17	2.00	0.34
Length Outside Damage Area prior to Disaster (ft)	9192	0.83	1.00	0.83
Damage Score				1.17

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	4	0.25	1.00
SS4 - Future service connection anticipated	11	0.25	2.75
SS6 - Maintenance event (2004 - 2014)	20	0.25	5.00
Condition Score			8.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	173	0.02	10.00	0.16
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.16

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA BW2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **57.47**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1229			
Total Sanitary Sewer Structures (ea)	7			
Line Size				
Diameter 12-in or greater (ft)	841	0.68	10.00	6.84
Diameter 8-in to 12-in (ft)	387	0.31	5.00	1.57
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1229	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	766	0.62	10.00	6.23
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	463	0.38	1.00	0.38

Background Score 22.03

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	213	0.17	10.00	1.73
Length within EF2 to EF4 Damage Area prior to disaster (ft)	139	0.11	5.00	0.57
Length within EF0 to EF2 Damage Area prior to disaster (ft)	380	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	496	0.40	1.00	0.40

Damage Score 3.32

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	1	0.25	0.25

Condition Score 0.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1229	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q20: 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
Q21: 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

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.60**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

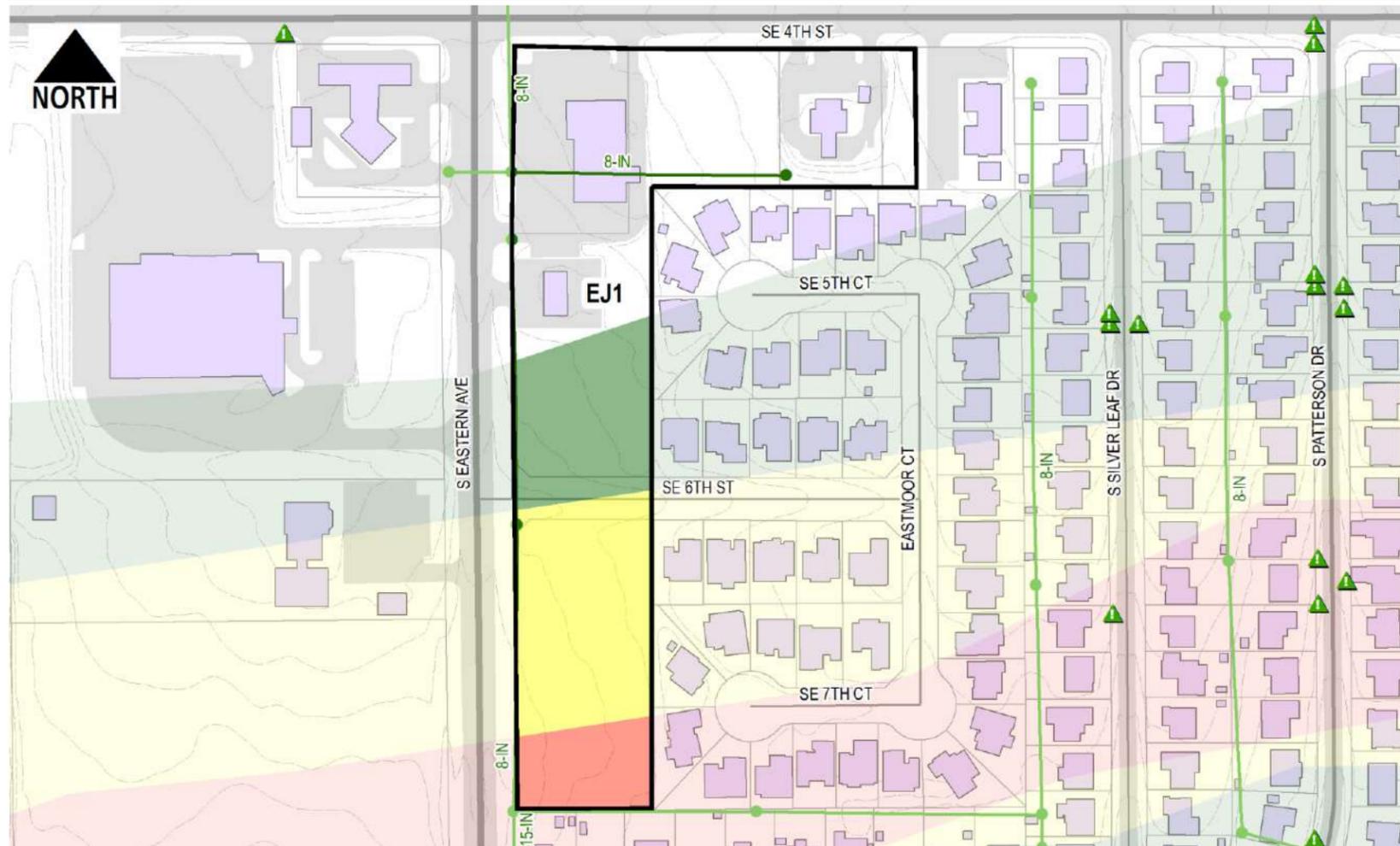
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1241			
Total Sanitary Sewer Structures (ea)	4			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	1241	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1241	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	0.50	2.00	1.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	2	0.50	5.00	2.50
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	96	0.08	4.00	0.31
less than 10-years	0	0.00	2.00	0.00
Unknown	1145	0.92	1.00	0.92
Background Score				14.73

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	39	0.03	10.00	0.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	321	0.26	5.00	1.29
Length within EF0 to EF2 Damage Area prior to disaster (ft)	211	0.17	2.00	0.34
Length Outside Damage Area prior to Disaster (ft)	671	0.54	1.00	0.54
Damage Score				2.49

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1241	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ2
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

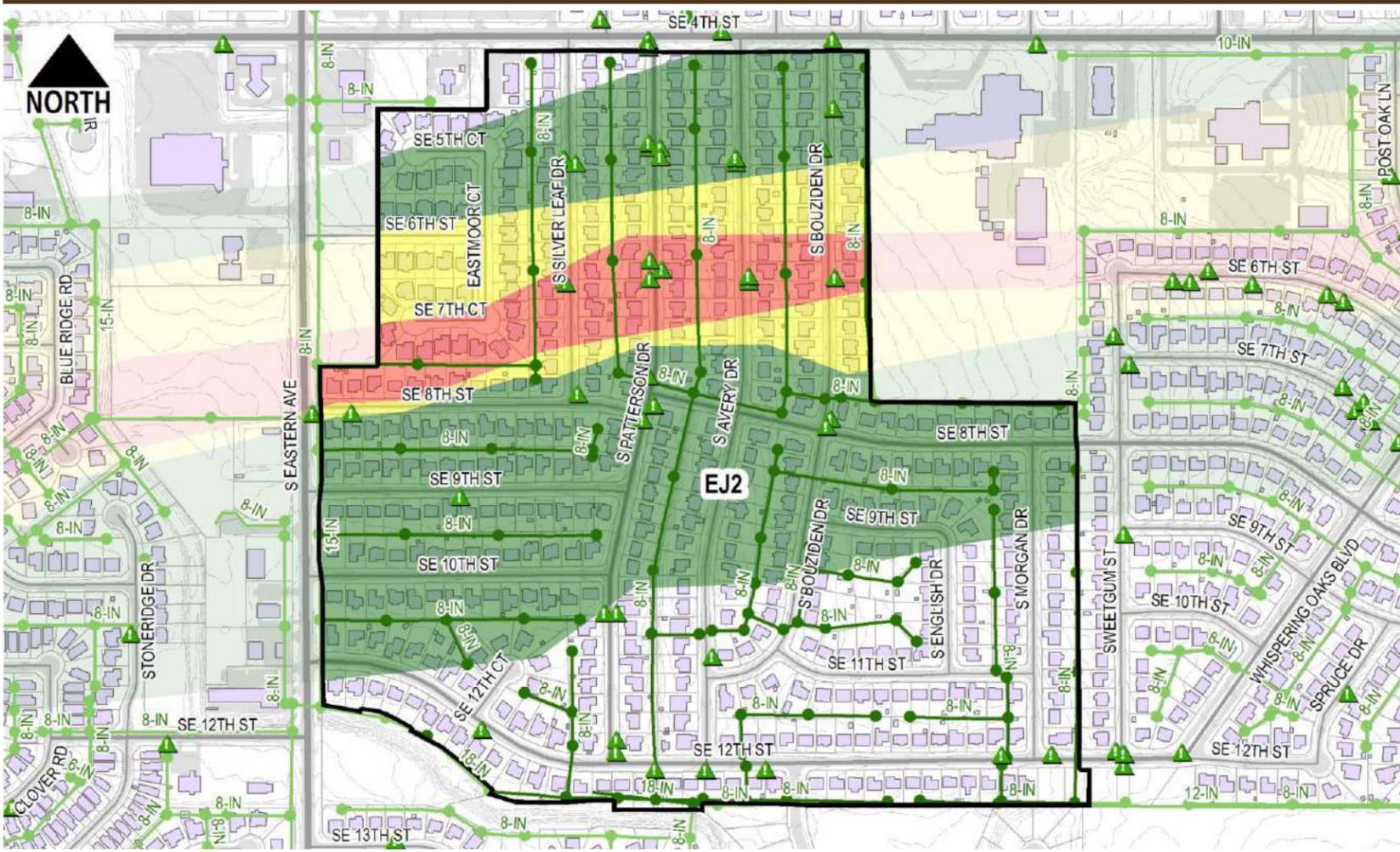
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	22715			
Total Sanitary Sewer Structures (ea)	101			
Line Size				
Diameter 12-in or greater (ft)	2104	0.09	10.00	0.93
Diameter 8-in to 12-in (ft)	20610	0.91	5.00	4.54
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	22715	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	93	0.92	2.00	1.84
Structures within "Moderate Concrete Corrosion Potential" (ea)	8	0.08	5.00	0.40
Age				
More than 20-years	22691	1.00	10.00	9.99
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	23	0.00	1.00	0.00
Background Score				22.69

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1961	0.09	10.00	0.86
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1779	0.08	5.00	0.39
Length within EF0 to EF2 Damage Area prior to disaster (ft)	9847	0.43	2.00	0.87
Length Outside Damage Area prior to Disaster (ft)	9128	0.40	1.00	0.40
Damage Score				2.52

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	28	0.25	7.00
SS6 - Maintenance event (2004 - 2014)	44	0.25	11.00
Condition Score			18.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	22390	0.99	10.00	9.86
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.86

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **78.07**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

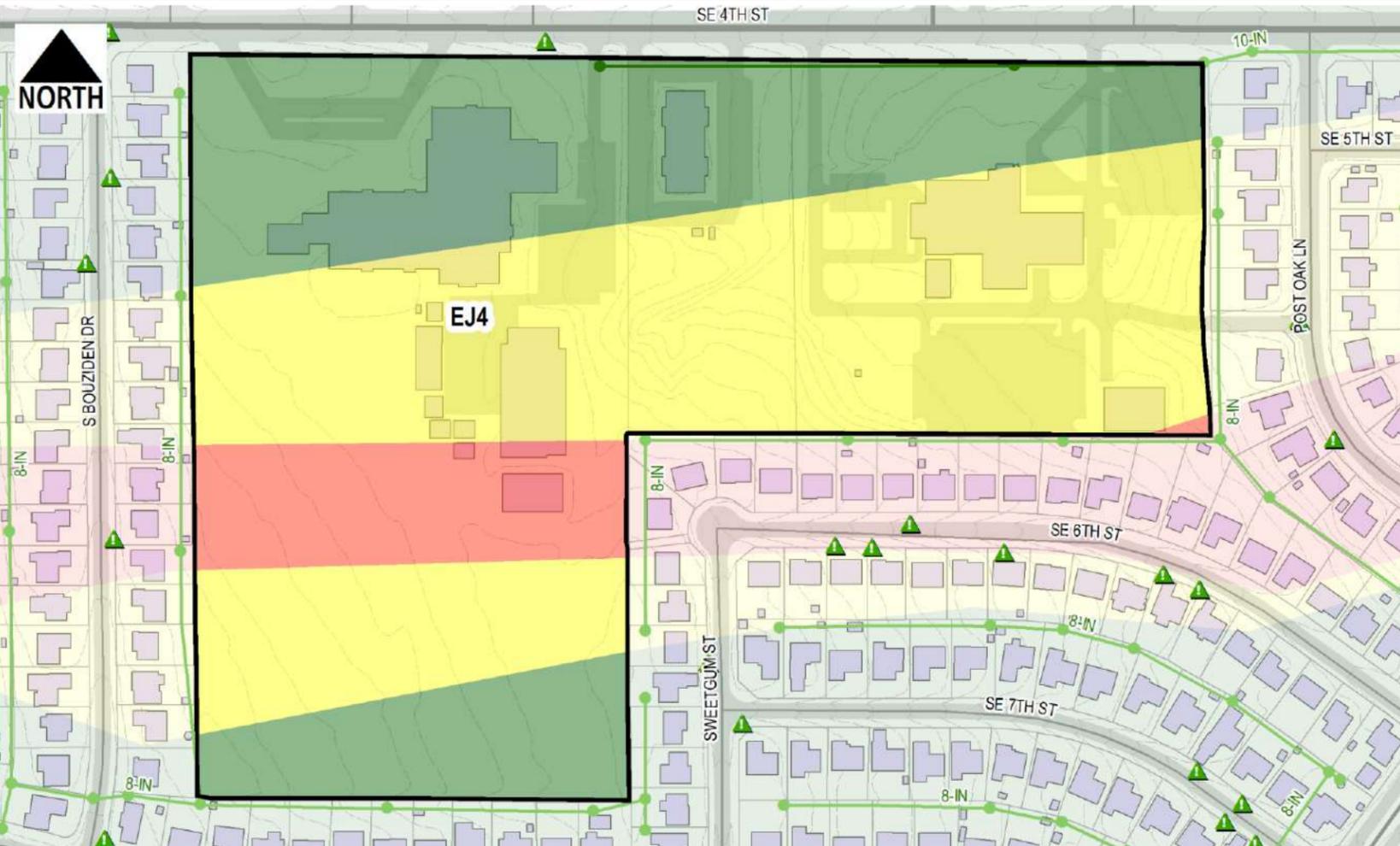
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1043			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	1043	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1043	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	6	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	1038	1.00	1.00	1.00
Background Score				13.05

Damage Score

Description	Value	Fraction of Historical 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)	1043	1.00	2.00	2.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				2.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1043	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **25.06**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ5
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	23812			
Total Sanitary Sewer Structures (ea)	140			
Line Size				
Diameter 12-in or greater (ft)	824	0.03	10.00	0.35
Diameter 8-in to 12-in (ft)	22988	0.97	5.00	4.83
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	23812	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	140	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	23674	0.99	10.00	9.94
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	138	0.01	1.00	0.01

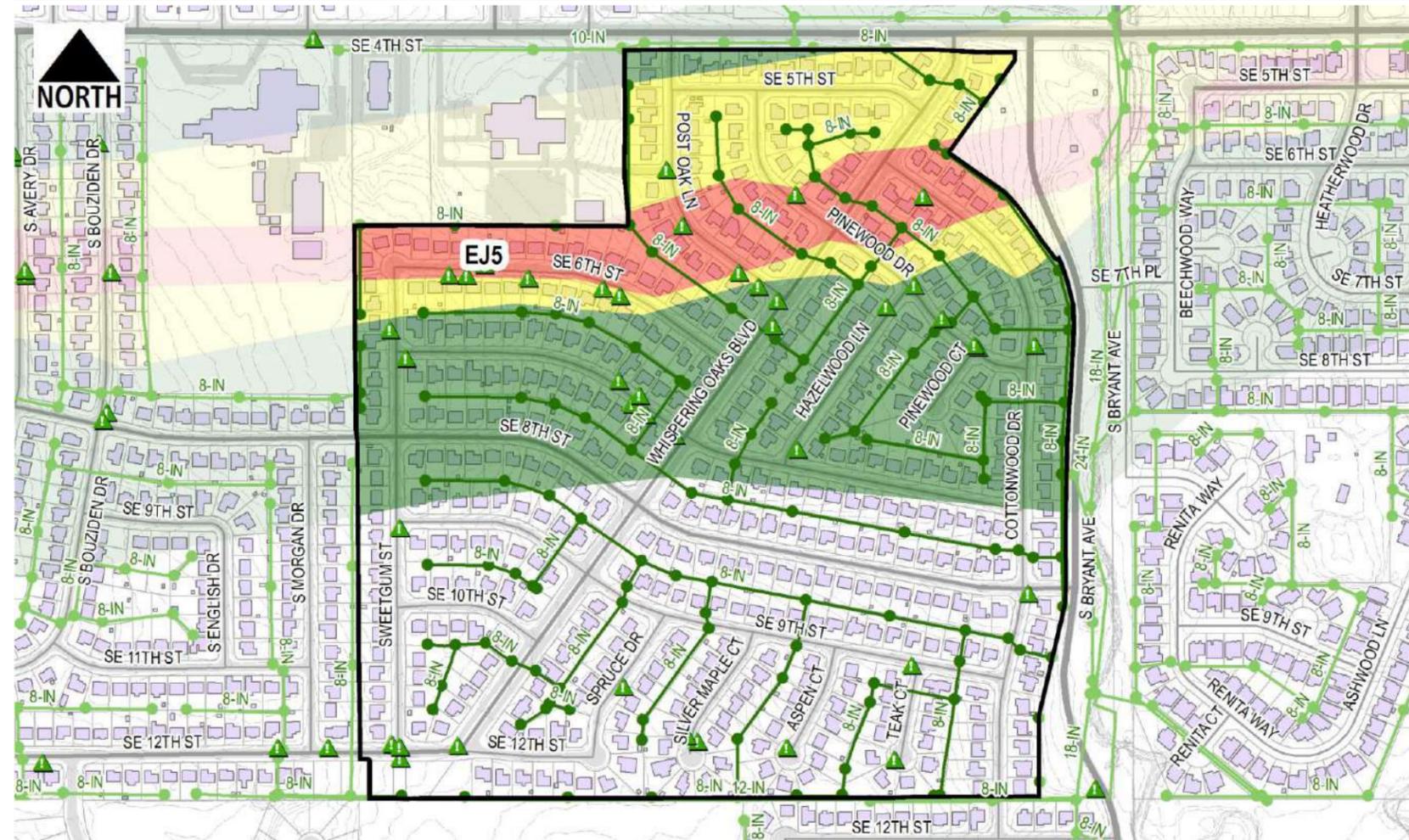
Background Score 22.12

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2748	0.12	10.00	1.15
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2690	0.11	5.00	0.56
Length within EF0 to EF2 Damage Area prior to disaster (ft)	7249	0.30	2.00	0.61
Length Outside Damage Area prior to Disaster (ft)	11126	0.47	1.00	0.47

Damage Score 2.79

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	55	0.25	13.75
SS6 - Maintenance event (2004 - 2014)	54	0.25	13.50

Condition Score 27.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ5
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	9759	0.41	10.00	4.10
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				4.10

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ5: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **81.76**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	4132			
Total Sanitary Sewer Structures (ea)	12			
Line Size				
Diameter 12-in or greater (ft)	4113	1.00	10.00	9.95
Diameter 8-in to 12-in (ft)	19	0.00	5.00	0.02
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	1203	0.29	10.00	2.91
Length of Unknown (ft)	2929	0.71	5.00	3.54
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	12	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	2	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	4131	1.00	1.00	1.00

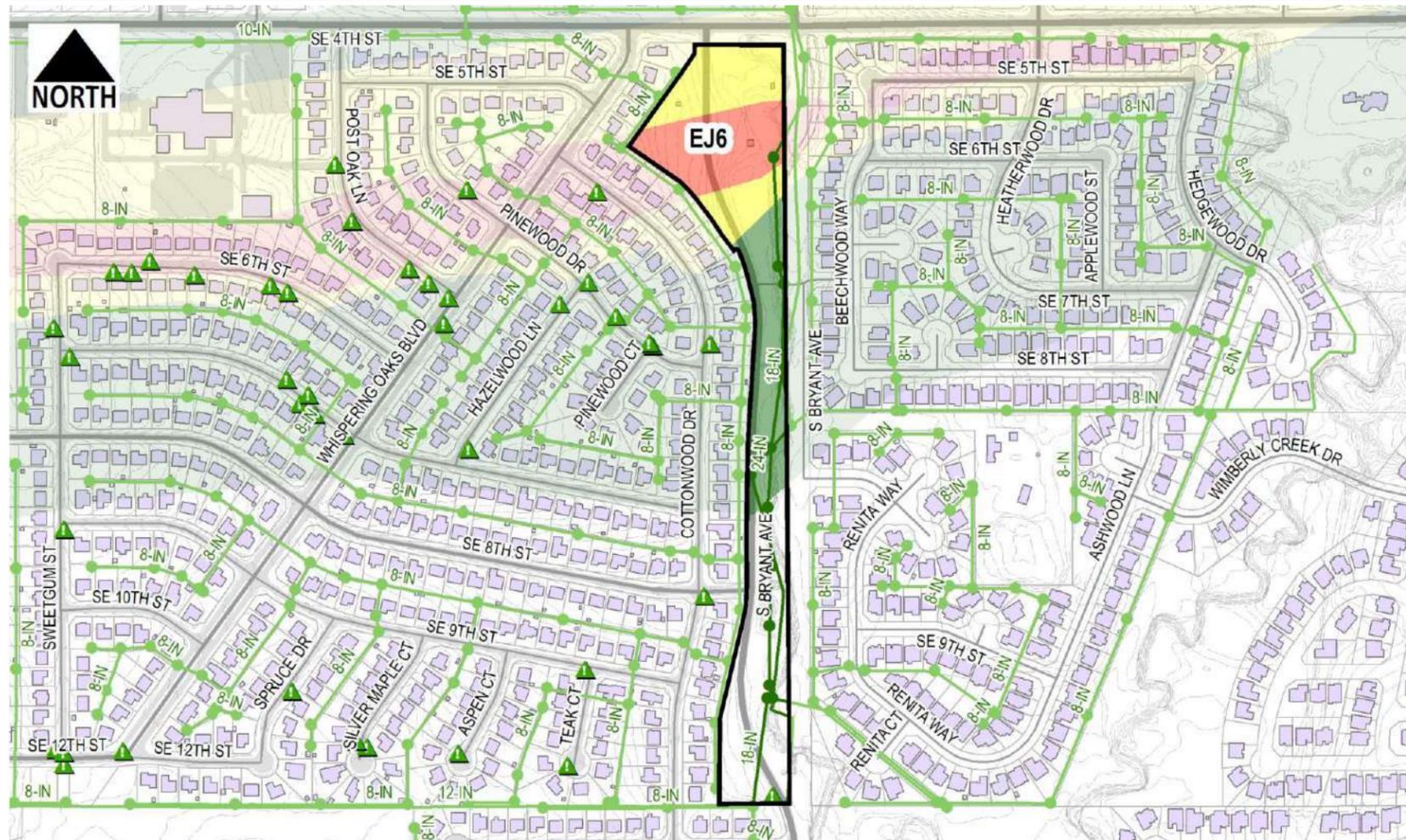
Background Score 19.44

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	130	0.03	10.00	0.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	113	0.03	5.00	0.14
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1581	0.38	2.00	0.77
Length Outside Damage Area prior to Disaster (ft)	2308	0.56	1.00	0.56

Damage Score 1.78

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	3	0.25	0.75
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	1	0.25	0.25

Condition Score 1.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA EJ6: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **47.46**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Heatherwood
Assessment Sub-Area HW1
Infrastructure Category Sanitary
Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

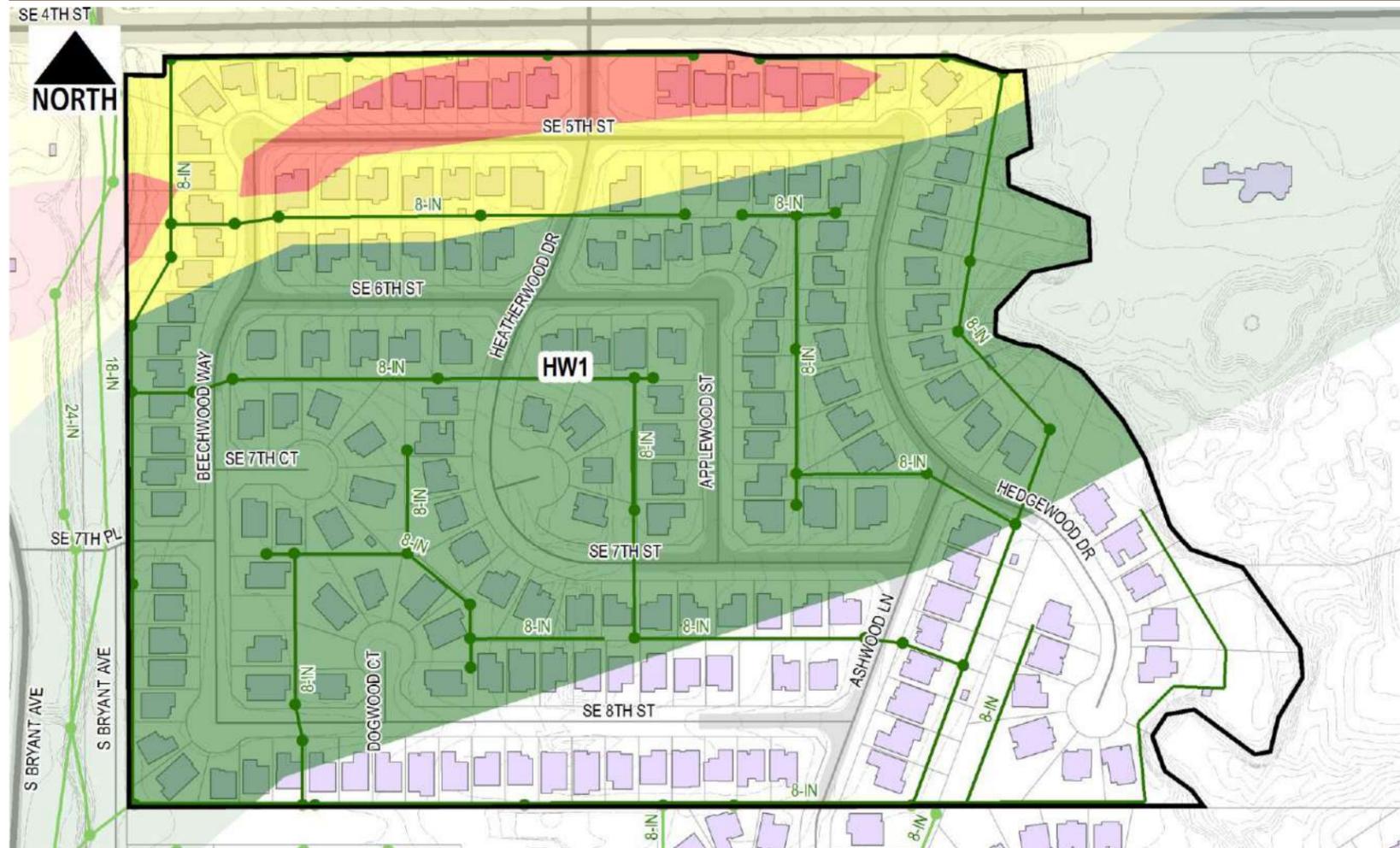
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	11687			
Total Sanitary Sewer Structures (ea)	53			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	11687	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	11687	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	53	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	4850	0.41	5.00	2.07
10 to 15-years	6837	0.59	4.00	2.34
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00
Background Score				16.41

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	494	0.04	10.00	0.42
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1944	0.17	5.00	0.83
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5818	0.50	2.00	1.00
Length Outside Damage Area prior to Disaster (ft)	3431	0.29	1.00	0.29
Damage Score				2.54

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q20: 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
Q21: 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

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
SUB-AREA HW1: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00
Opportunity Score			5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **23.96**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

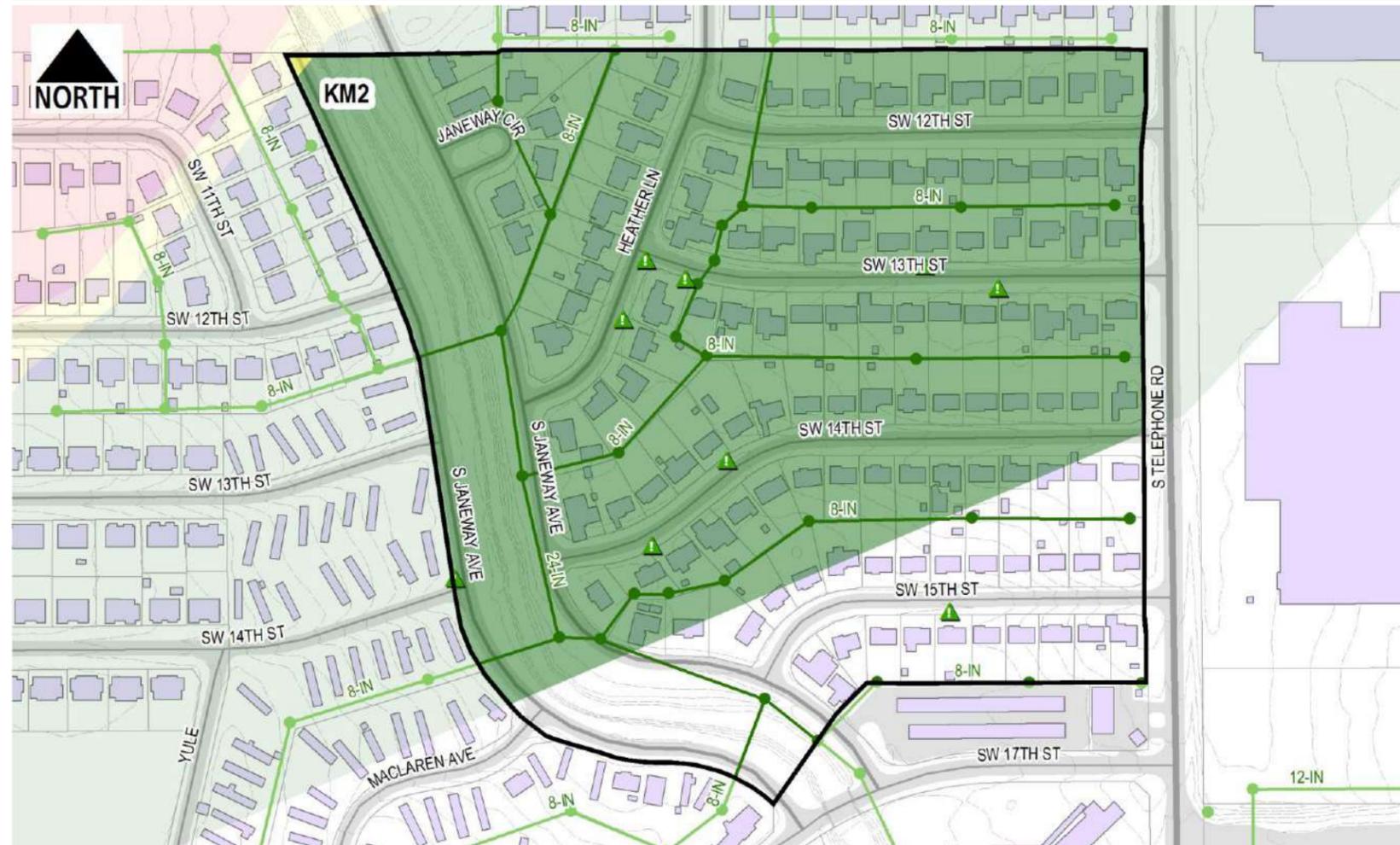
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	6167			
Total Sanitary Sewer Structures (ea)	30			
Line Size				
Diameter 12-in or greater (ft)	1563	0.25	10.00	2.53
Diameter 8-in to 12-in (ft)	4605	0.75	5.00	3.73
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	6167	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	30	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	6167	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				23.27

Damage Score

Description	Value	Fraction of Historical 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)	4851	0.79	2.00	1.57
Length Outside Damage Area prior to Disaster (ft)	1316	0.21	1.00	0.21
Damage Score				1.79

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	3	0.25	0.75
SS2 - Brick manhole	6	0.25	1.50
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	11	0.25	2.75
Condition Score			5.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				10.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **65.05**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

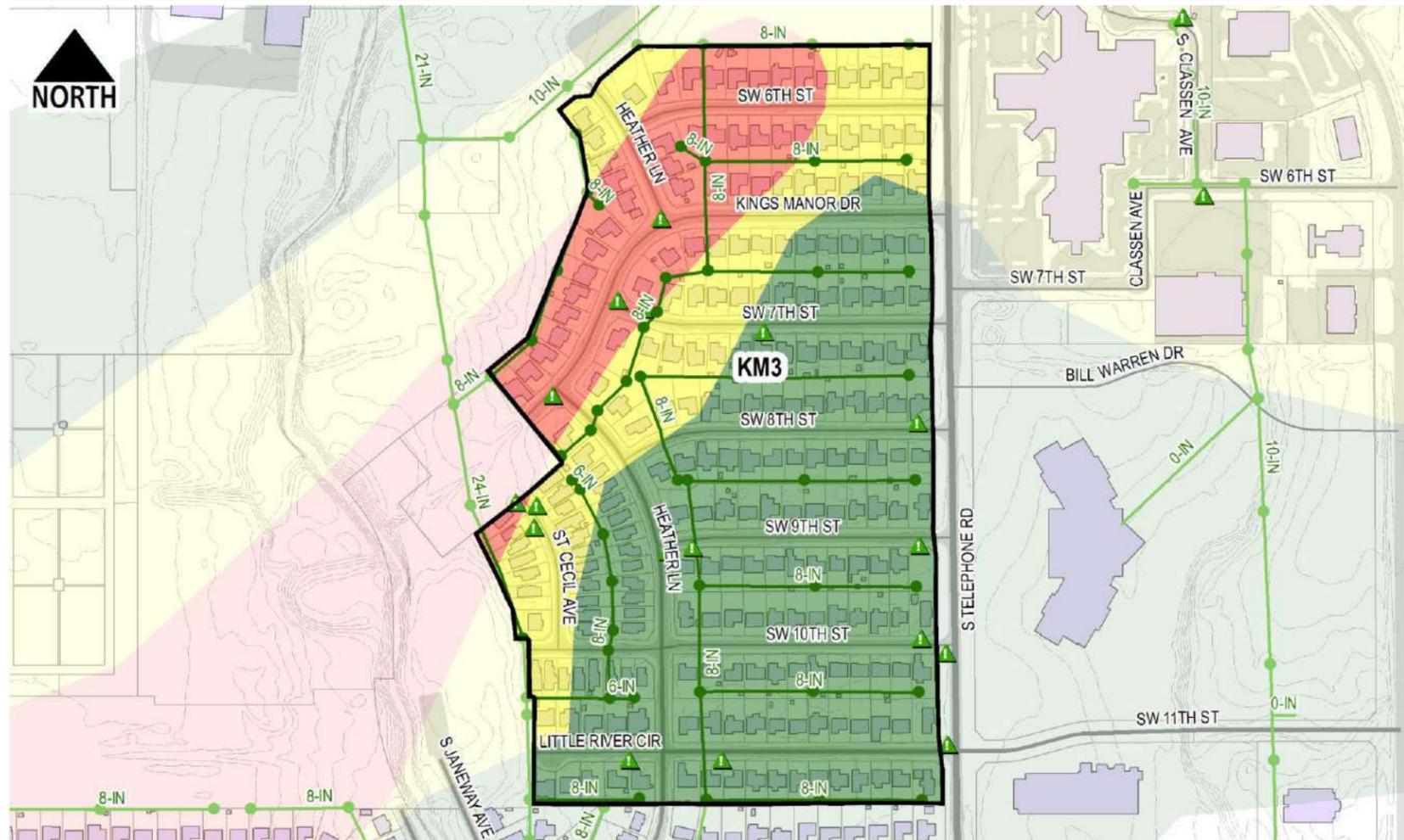
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	9983			
Total Sanitary Sewer Structures (ea)	50			
Line Size				
Diameter 12-in or greater (ft)	329	0.03	10.00	0.33
Diameter 8-in to 12-in (ft)	9554	0.96	5.00	4.79
Diameter 4-in to 6-in (ft)	101	0.01	1.00	0.01
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	9983	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	50	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	9983	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				22.12

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2305	0.23	10.00	2.31
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2421	0.24	5.00	1.21
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5257	0.53	2.00	1.05
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.57

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	3	0.25	0.75
SS4 - Future service connection anticipated	2	0.25	0.50
SS6 - Maintenance event (2004 - 2014)	17	0.25	4.25
Condition Score			5.75



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	7844	0.79	10.00	7.86
Length within 0.25-mi of Emergency Response Facility (ft)	7844	0.79	5.00	3.93
Proximity Score				11.79

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA KM3: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **84.24**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

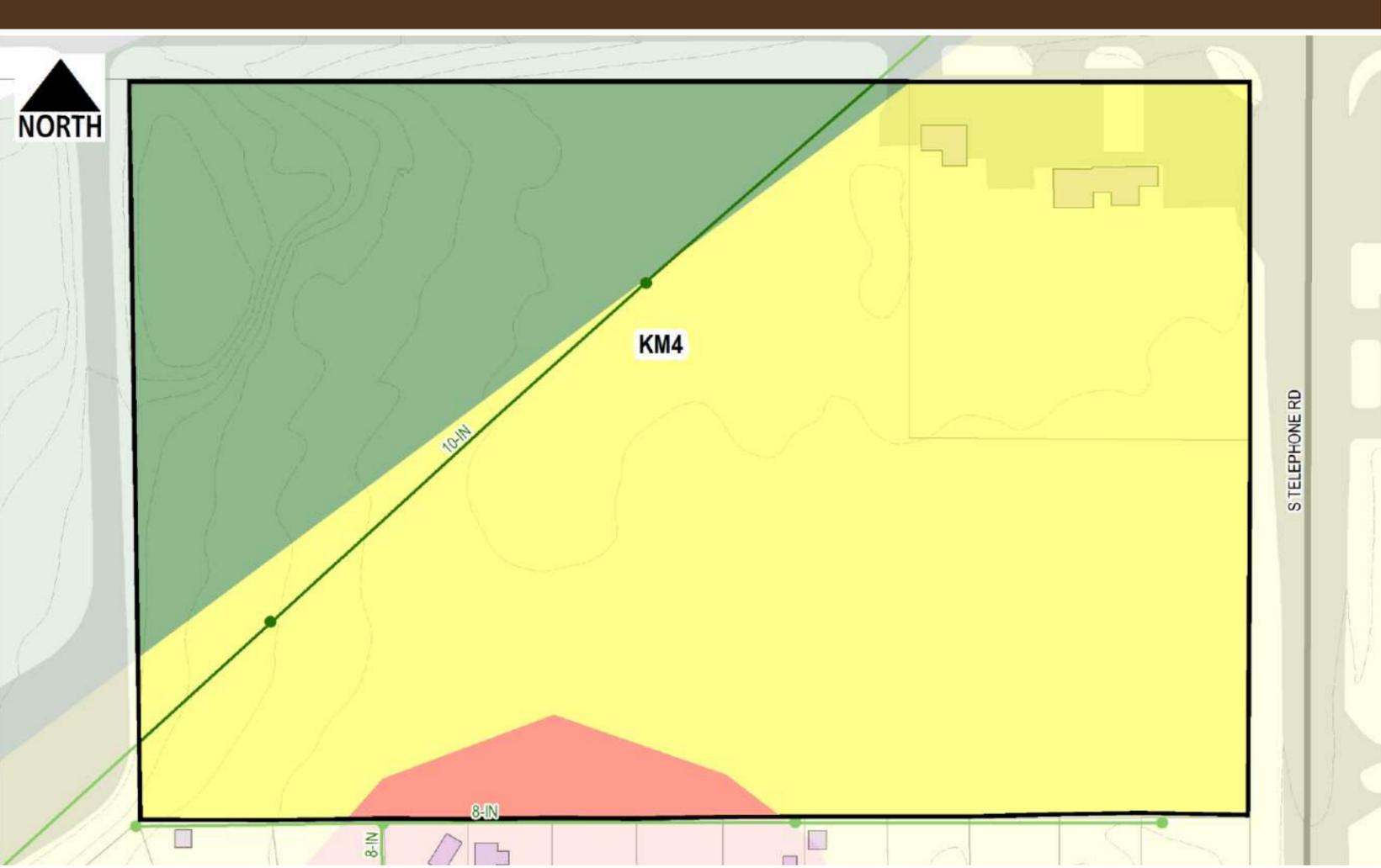
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	713			
Total Sanitary Sewer Structures (ea)	2			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	713	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	713	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	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				12.00

Damage Score

Description	Value	Fraction of Historical 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)	511	0.72	5.00	3.58
Length within EF0 to EF2 Damage Area prior to disaster (ft)	202	0.28	2.00	0.57
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.15

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	713	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	713	1.00	5.00	5.00
Proximity Score				15.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **36.15**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

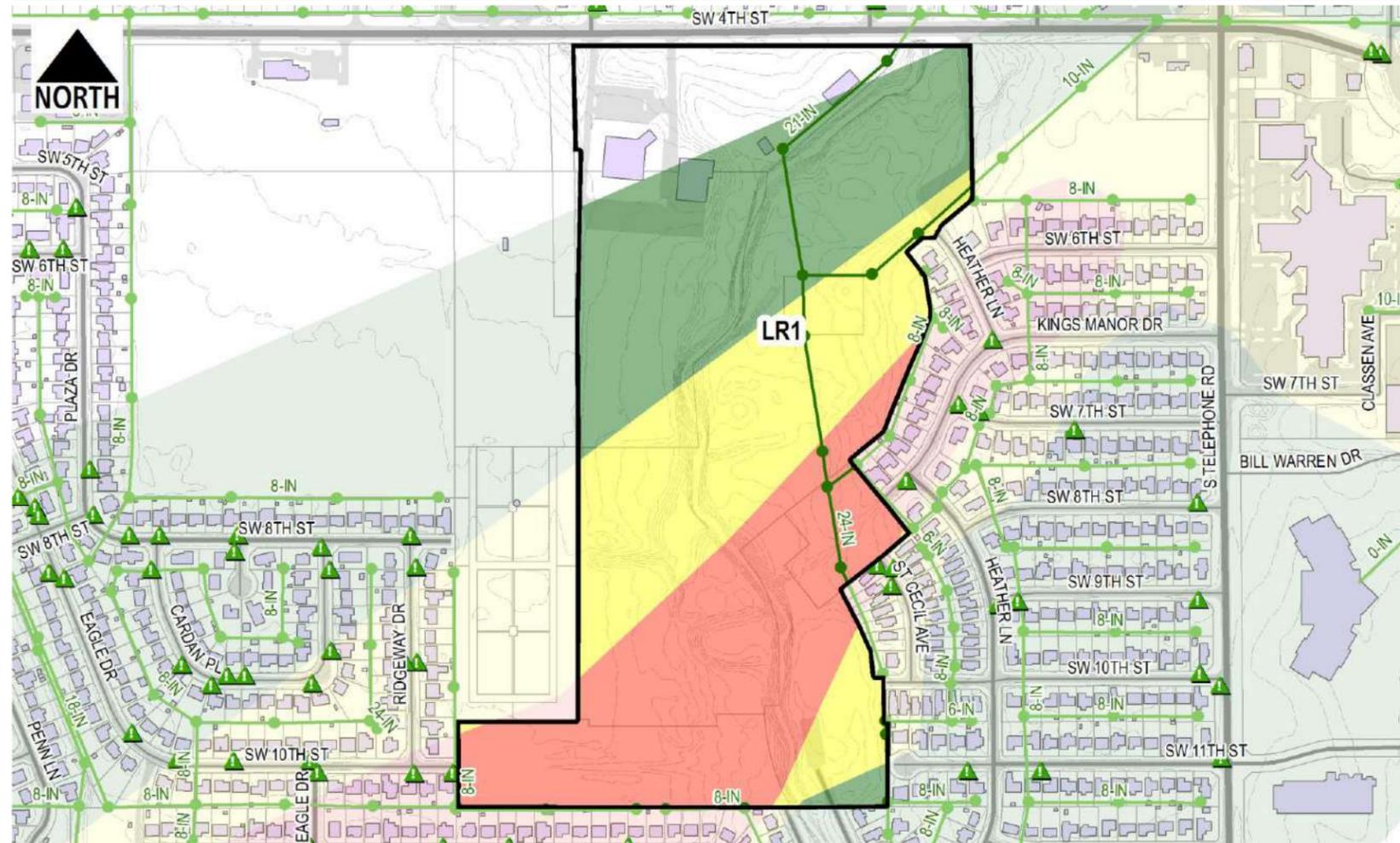
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	3708			
Total Sanitary Sewer Structures (ea)	14			
Line Size				
Diameter 12-in or greater (ft)	2495	0.67	10.00	6.73
Diameter 8-in to 12-in (ft)	1213	0.33	5.00	1.64
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	3708	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	13	0.93	2.00	1.86
Structures within "Moderate Concrete Corrosion Potential" (ea)	1	0.07	5.00	0.36
Age				
More than 20-years	5	0.00	10.00	0.01
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	3703	1.00	1.00	1.00
Background Score				16.59

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	875	0.24	10.00	2.36
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1556	0.42	5.00	2.10
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1073	0.29	2.00	0.58
Length Outside Damage Area prior to Disaster (ft)	203	0.05	1.00	0.05
Damage Score				5.09

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	970	0.26	10.00	2.61
Length within 0.25-mi of Emergency Response Facility (ft)	896	0.24	5.00	1.21
Proximity Score				3.82

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				5.00

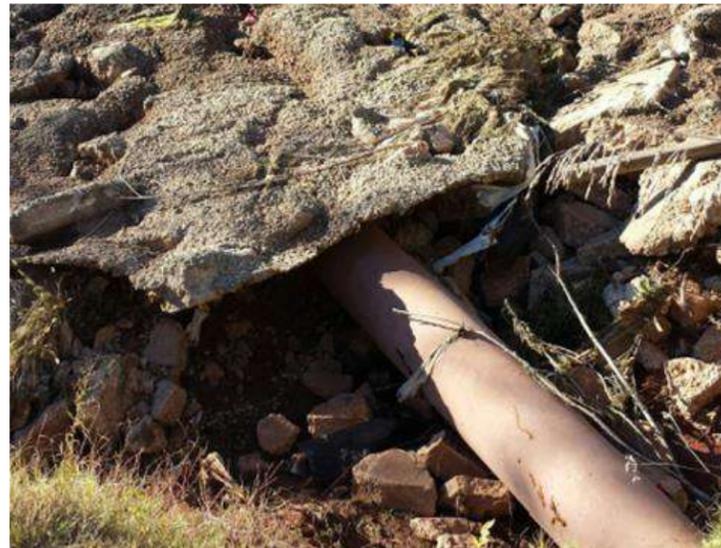
Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

Project Description	Score	Weighting Factor	Score
LR1: RELOCATION OF SANITARY SEWER INTERCEPTOR AT LITTLE RIVER PARK	1.00	5.00	5.00
Opportunity Score			5.00

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH1
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

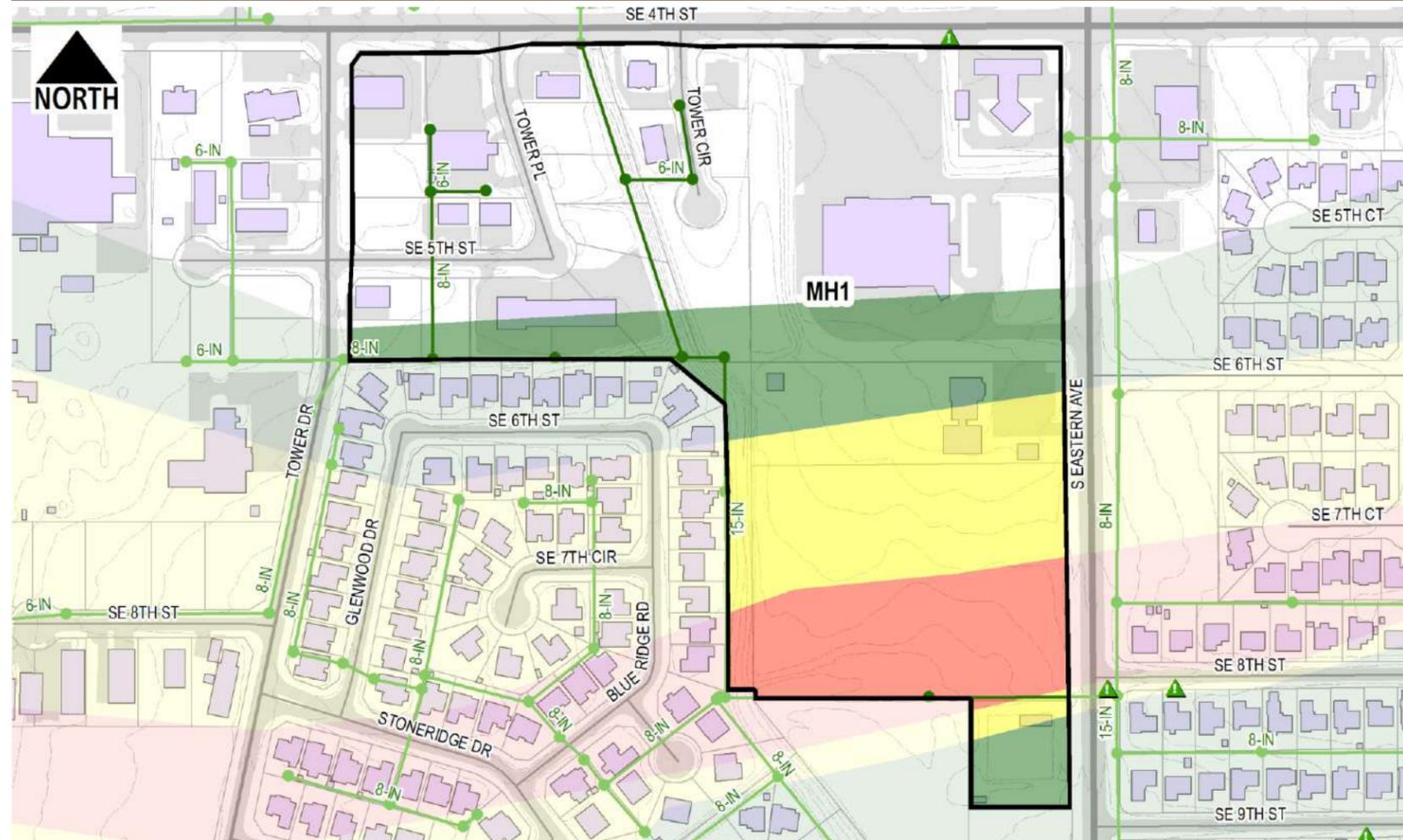
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	3334			
Total Sanitary Sewer Structures (ea)	12			
Line Size				
Diameter 12-in or greater (ft)	1858	0.56	10.00	5.57
Diameter 8-in to 12-in (ft)	973	0.29	5.00	1.46
Diameter 4-in to 6-in (ft)	503	0.15	1.00	0.15
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	3334	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	0.58	2.00	1.17
Structures within "Moderate Concrete Corrosion Potential" (ea)	5	0.42	5.00	2.08
Age				
More than 20-years	2295	0.69	10.00	6.88
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	1039	0.31	1.00	0.31
Background Score				22.63

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	569	0.17	10.00	1.71
Length within EF2 to EF4 Damage Area prior to disaster (ft)	401	0.12	5.00	0.60
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1056	0.32	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	1307	0.39	1.00	0.39
Damage Score				3.33

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Sanitary
Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3334	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.96**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's GI
 Assessment Sub-Area: MH2
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	13047			
Total Sanitary Sewer Structures (ea)	85			
Line Size				
Diameter 12-in or greater (ft)	196	0.02	10.00	0.15
Diameter 8-in to 12-in (ft)	12814	0.98	5.00	4.91
Diameter 4-in to 6-in (ft)	36	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	13047	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	81	0.95	2.00	1.91
Structures within "Moderate Concrete Corrosion Potential" (ea)	4	0.05	5.00	0.24
Age				
More than 20-years	6772	0.52	10.00	5.19
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	5883	0.45	4.00	1.80
less than 10-years	380	0.03	2.00	0.06
Unknown	12	0.00	1.00	0.00

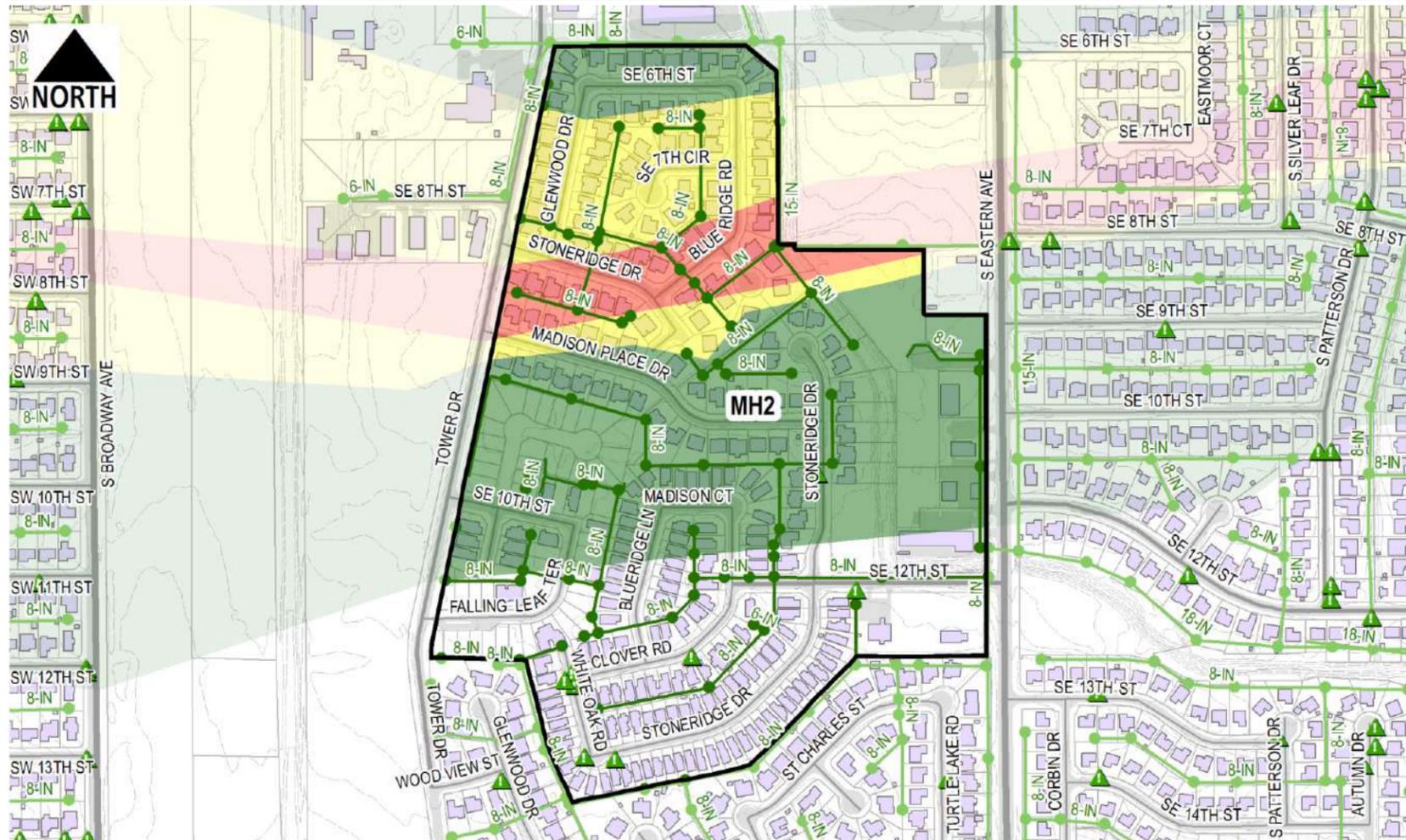
Background Score 19.26

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	1488	0.11	10.00	1.14
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2049	0.16	5.00	0.79
Length within EF0 to EF2 Damage Area prior to disaster (ft)	5005	0.38	2.00	0.77
Length Outside Damage Area prior to Disaster (ft)	4505	0.35	1.00	0.35

Damage Score 3.04

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	13	0.25	3.25
SS6 - Maintenance event (2004 - 2014)	9	0.25	2.25

Condition Score 6.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
 Assessment Sub-Area MH2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	11307	0.87	10.00	8.67
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				8.67

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA MH2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.96**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

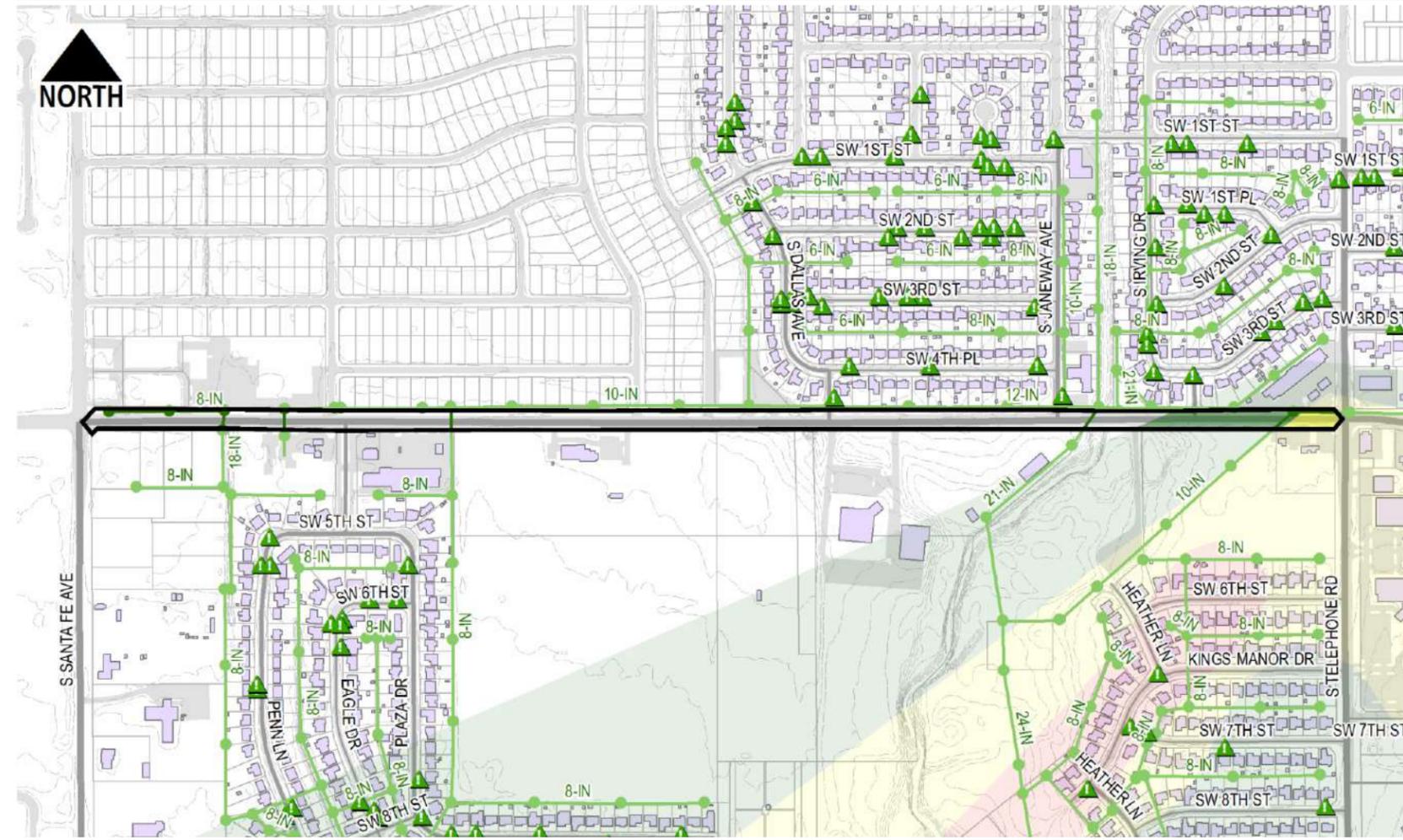
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2151			
Total Sanitary Sewer Structures (ea)	8			
Line Size				
Diameter 12-in or greater (ft)	787	0.37	10.00	3.66
Diameter 8-in to 12-in (ft)	1364	0.63	5.00	3.17
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2151	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	8	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	1044	0.49	10.00	4.85
15 to 20-years	12	0.01	5.00	0.03
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1095	0.51	1.00	0.51
Background Score				19.22

Damage Score

Description	Value	Fraction of Historical 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)	155	0.07	5.00	0.36
Length within EF0 to EF2 Damage Area prior to disaster (ft)	720	0.33	2.00	0.67
Length Outside Damage Area prior to Disaster (ft)	1276	0.59	1.00	0.59
Damage Score				1.62

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1099	0.51	10.00	5.11
Length within 0.25-mi of Emergency Response Facility (ft)	1099	0.51	5.00	2.55
Proximity Score				7.66

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

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

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

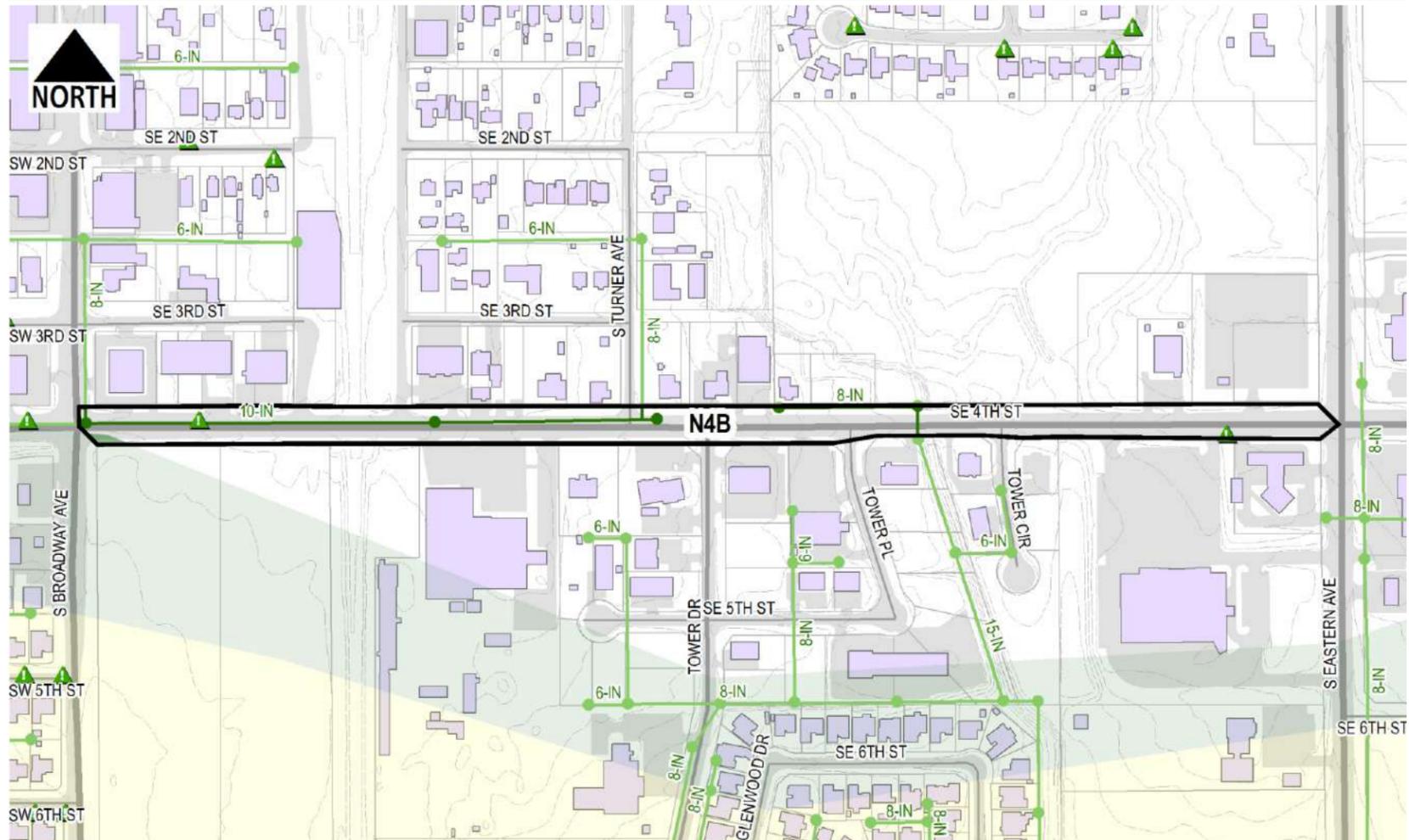
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1825			
Total Sanitary Sewer Structures (ea)	5			
Line Size				
Diameter 12-in or greater (ft)	73	0.04	10.00	0.40
Diameter 8-in to 12-in (ft)	1753	0.96	5.00	4.80
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1825	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	5	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	25	0.01	10.00	0.14
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	1800	0.99	1.00	0.99
Background Score				13.33

Damage Score

Description	Value	Fraction of Historical 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)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	1825	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	2	0.25	0.50
Condition Score			1.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4B
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	639	0.35	10.00	3.50
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				3.50

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs





City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

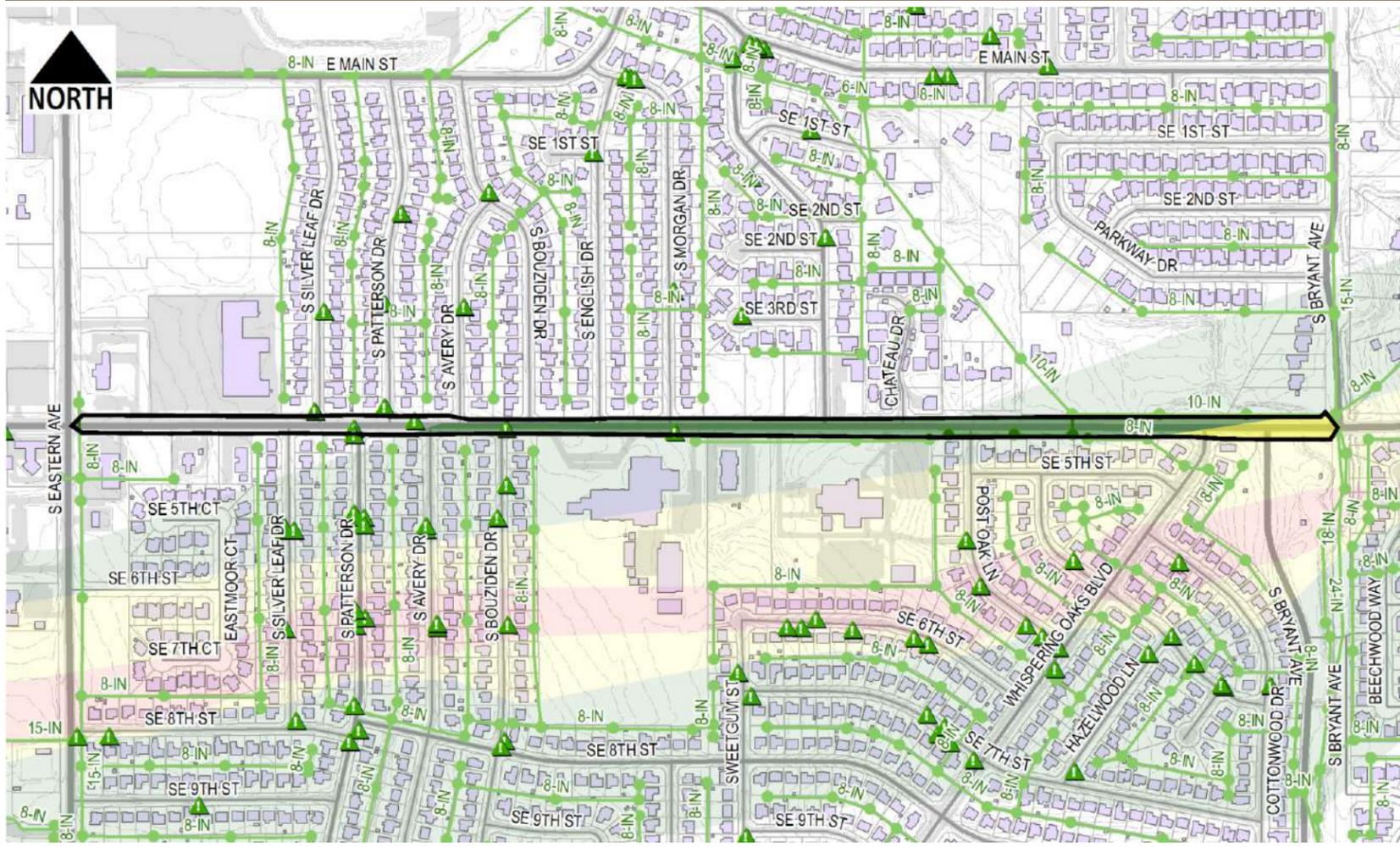
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	840			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	56	0.07	10.00	0.67
Diameter 8-in to 12-in (ft)	783	0.93	5.00	4.66
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	83	0.10	10.00	0.99
Length of Unknown (ft)	756	0.90	5.00	4.50
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	597	0.71	10.00	7.11
15 to 20-years	43	0.05	5.00	0.26
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	201	0.24	1.00	0.24
Background Score				20.42

Damage Score

Description	Value	Fraction of Historical 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)	99	0.12	5.00	0.59
Length within EF0 to EF2 Damage Area prior to disaster (ft)	664	0.79	2.00	1.58
Length Outside Damage Area prior to Disaster (ft)	77	0.09	1.00	0.09
Damage Score				2.26

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	2	0.25	0.50
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	11	0.25	2.75
Condition Score			3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4C
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis

Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	453	0.54	10.00	5.39
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				5.39

LMI Benefit

Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q20: 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
Q21: 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

Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability

Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **31.57**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

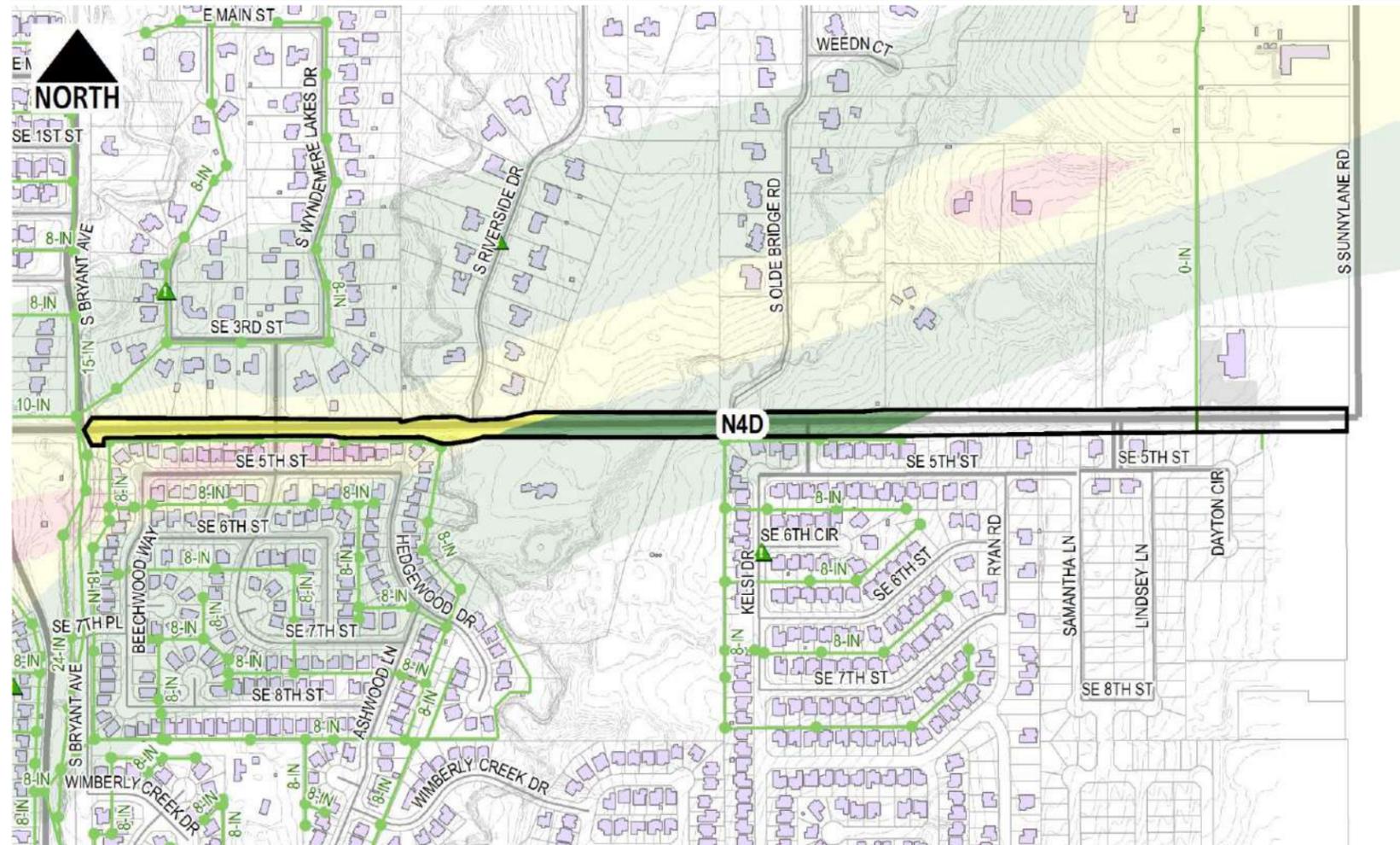
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	388			
Total Sanitary Sewer Structures (ea)	0			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	0	0.00	5.00	0.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	388	1.00	1.00	1.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	388	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	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				6.00

Damage Score

Description	Value	Fraction of Historical 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)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	388	1.00	1.00	1.00
Damage Score				1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4D
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs

Infrastructure Rating Index (IRI) **7.00**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

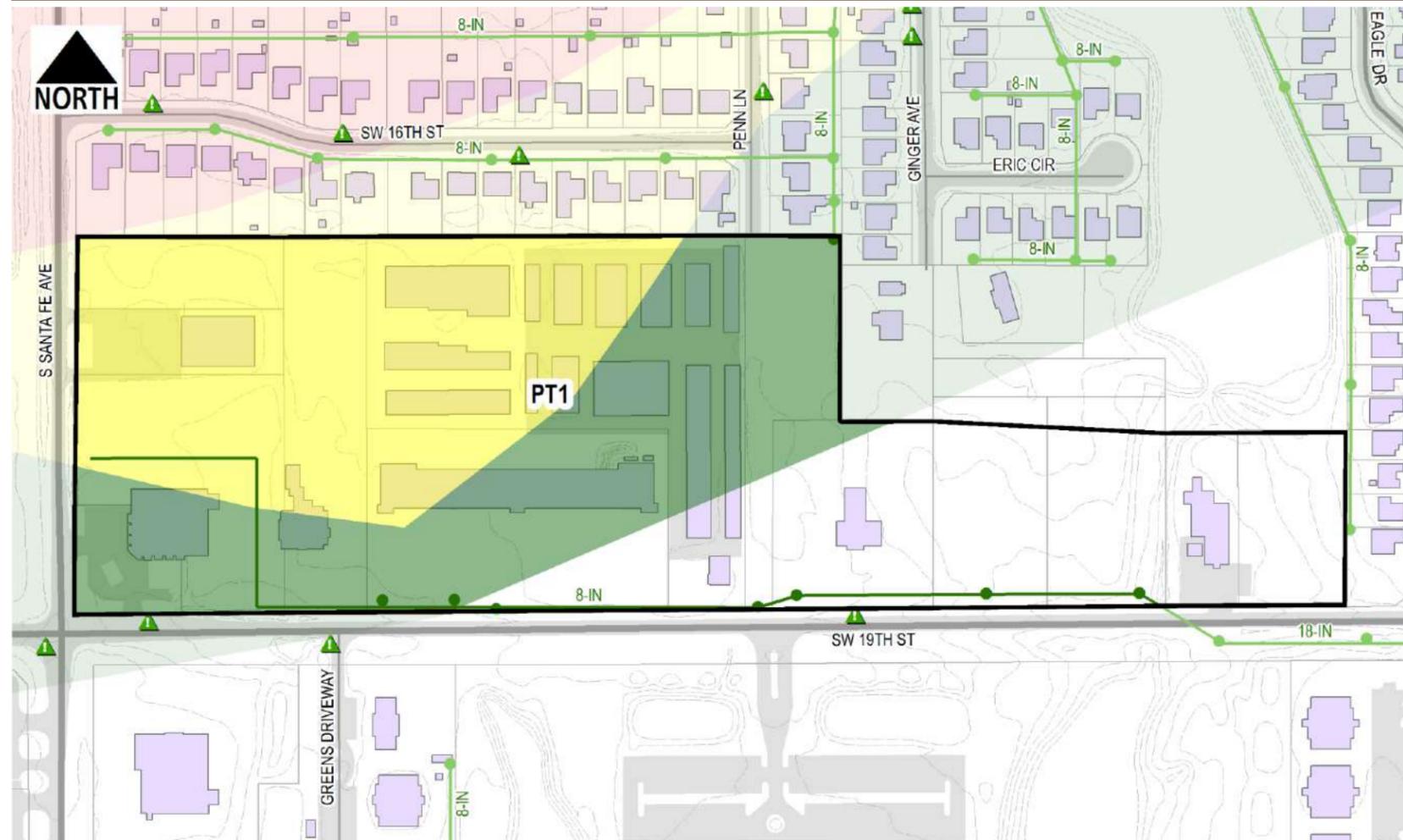
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2075			
Total Sanitary Sewer Structures (ea)	8			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	2075	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2075	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	0.38	2.00	0.75
Structures within "Moderate Concrete Corrosion Potential" (ea)	5	0.63	5.00	3.13
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	635	0.31	4.00	1.22
less than 10-years	328	0.16	2.00	0.32
Unknown	1111	0.54	1.00	0.54
Background Score				15.95

Damage Score

Description	Value	Fraction of Historical 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)	364	0.18	5.00	0.88
Length within EF0 to EF2 Damage Area prior to disaster (ft)	520	0.25	2.00	0.50
Length Outside Damage Area prior to Disaster (ft)	1191	0.57	1.00	0.57
Damage Score				1.95

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1337	0.64	10.00	6.44
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.44

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **24.35**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	9261			
Total Sanitary Sewer Structures (ea)	31			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	9134	0.99	5.00	4.93
Diameter 4-in to 6-in (ft)	127	0.01	1.00	0.01
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	9261	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	12	0.39	2.00	0.77
Structures within "Moderate Concrete Corrosion Potential" (ea)	19	0.61	5.00	3.06
Age				
More than 20-years	9261	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				23.78

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	5467	0.59	10.00	5.90
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2102	0.23	5.00	1.13
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1691	0.18	2.00	0.37
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				7.40

Key Map



Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	7	0.25	1.75
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	4	0.25	1.00
SS4 - Future service connection anticipated	84	0.25	21.00
SS6 - Maintenance event (2004 - 2014)	25	0.25	6.25
Condition Score			30.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	8793	0.95	10.00	9.49
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.49

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **95.93**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	9416			
Total Sanitary Sewer Structures (ea)	47			
Line Size				
Diameter 12-in or greater (ft)	2688	0.29	10.00	2.85
Diameter 8-in to 12-in (ft)	6728	0.71	5.00	3.57
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	9416	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	32	0.68	2.00	1.36
Structures within "Moderate Concrete Corrosion Potential" (ea)	15	0.32	5.00	1.60
Age				
More than 20-years	4048	0.43	10.00	4.30
15 to 20-years	3599	0.38	5.00	1.91
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1769	0.19	1.00	0.19

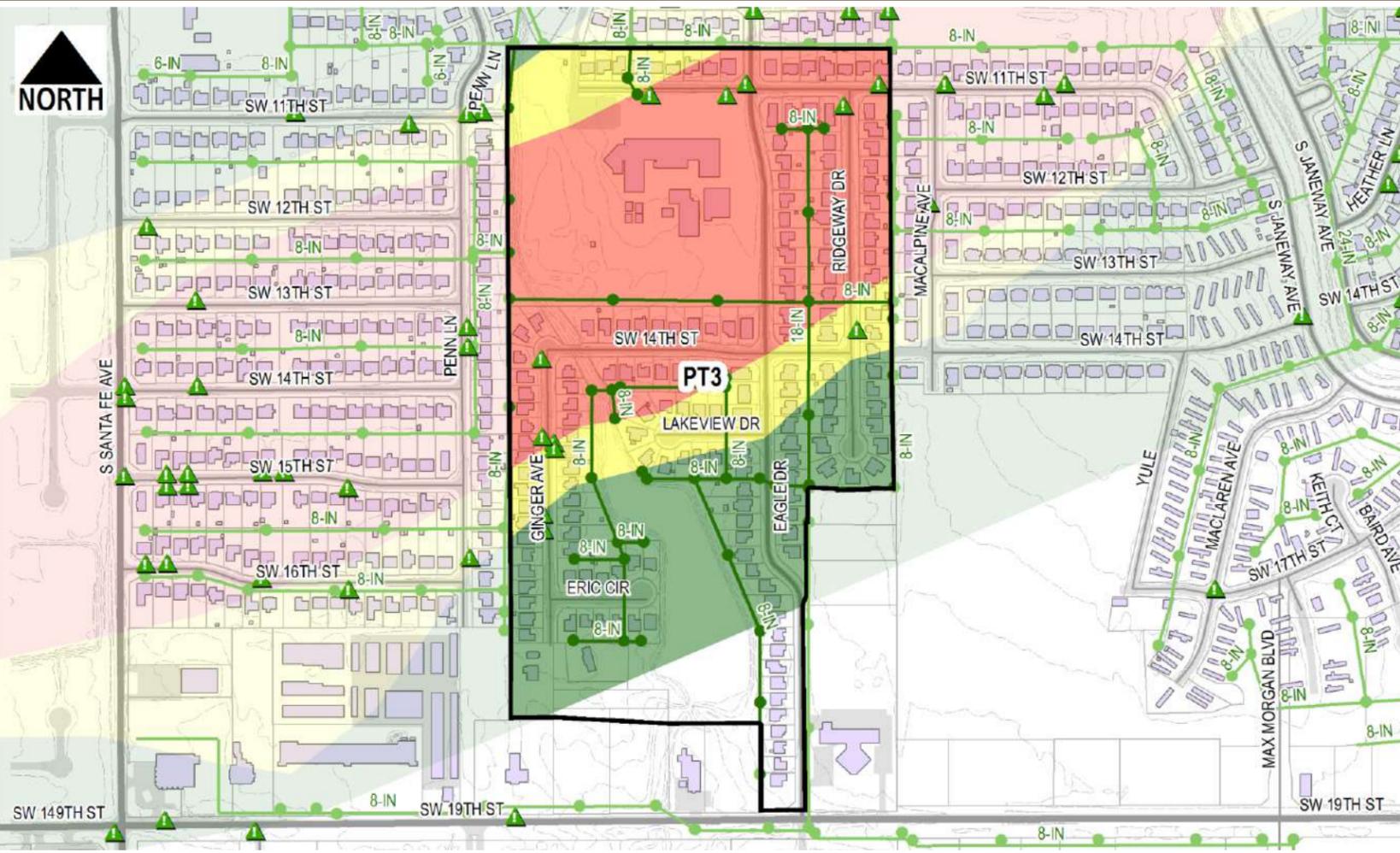
Background Score 20.78

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	3791	0.40	10.00	4.03
Length within EF2 to EF4 Damage Area prior to disaster (ft)	1495	0.16	5.00	0.79
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3620	0.38	2.00	0.77
Length Outside Damage Area prior to Disaster (ft)	510	0.05	1.00	0.05

Damage Score 5.64

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	6	0.25	1.50
SS2 - Brick manhole	5	0.25	1.25
SS3 - Manhole not found	1	0.25	0.25
SS4 - Future service connection anticipated	47	0.25	11.75
SS6 - Maintenance event (2004 - 2014)	26	0.25	6.50

Condition Score 21.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	9416	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT3: RECONSTRUCTION/REHABILITATION OF PUBLIC SANITARY SEWER SYSTEM	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **82.68**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

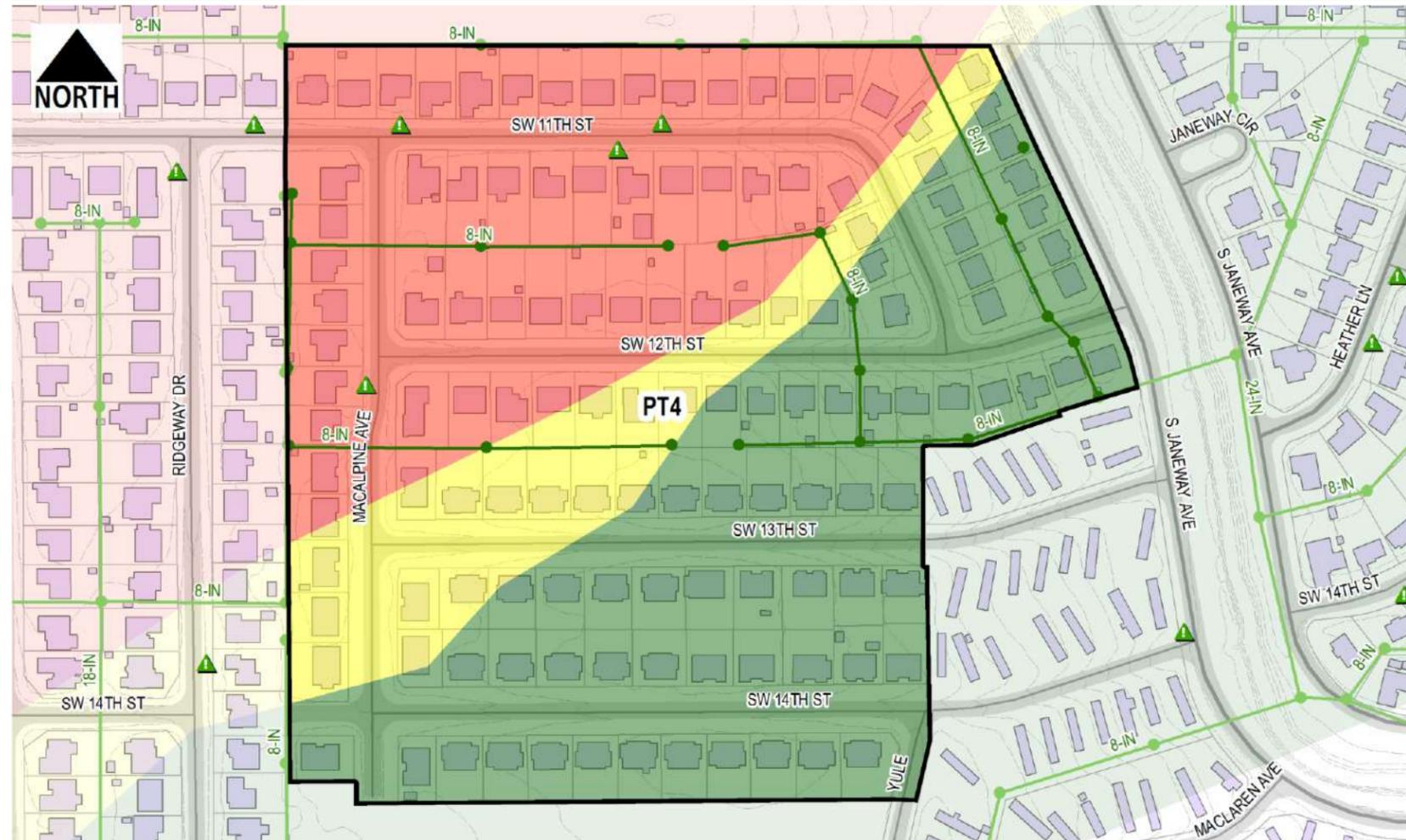
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	4410			
Total Sanitary Sewer Structures (ea)	25			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	4410	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	4410	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	14	0.56	2.00	1.12
Structures within "Moderate Concrete Corrosion Potential" (ea)	11	0.44	5.00	2.20
Age				
More than 20-years	4410	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				23.32

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	2609	0.59	10.00	5.92
Length within EF2 to EF4 Damage Area prior to disaster (ft)	443	0.10	5.00	0.50
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1358	0.31	2.00	0.62
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				7.03

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	3	0.25	0.75
SS4 - Future service connection anticipated	88	0.25	22.00
SS6 - Maintenance event (2004 - 2014)	8	0.25	2.00
Condition Score			25.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT4
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3093	0.70	10.00	7.01
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.01

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT4: RECONSTRUCTION/REHABILITATION OF ALL PUBLIC SANITARY SEWER	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **92.37**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	16834			
Total Sanitary Sewer Structures (ea)	69			
Line Size				
Diameter 12-in or greater (ft)	1010	0.06	10.00	0.60
Diameter 8-in to 12-in (ft)	15823	0.94	5.00	4.70
Diameter 4-in to 6-in (ft)	2	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	16834	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	62	0.90	2.00	1.80
Structures within "Moderate Concrete Corrosion Potential" (ea)	7	0.10	5.00	0.51
Age				
More than 20-years	16317	0.97	10.00	9.69
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	517	0.03	1.00	0.03

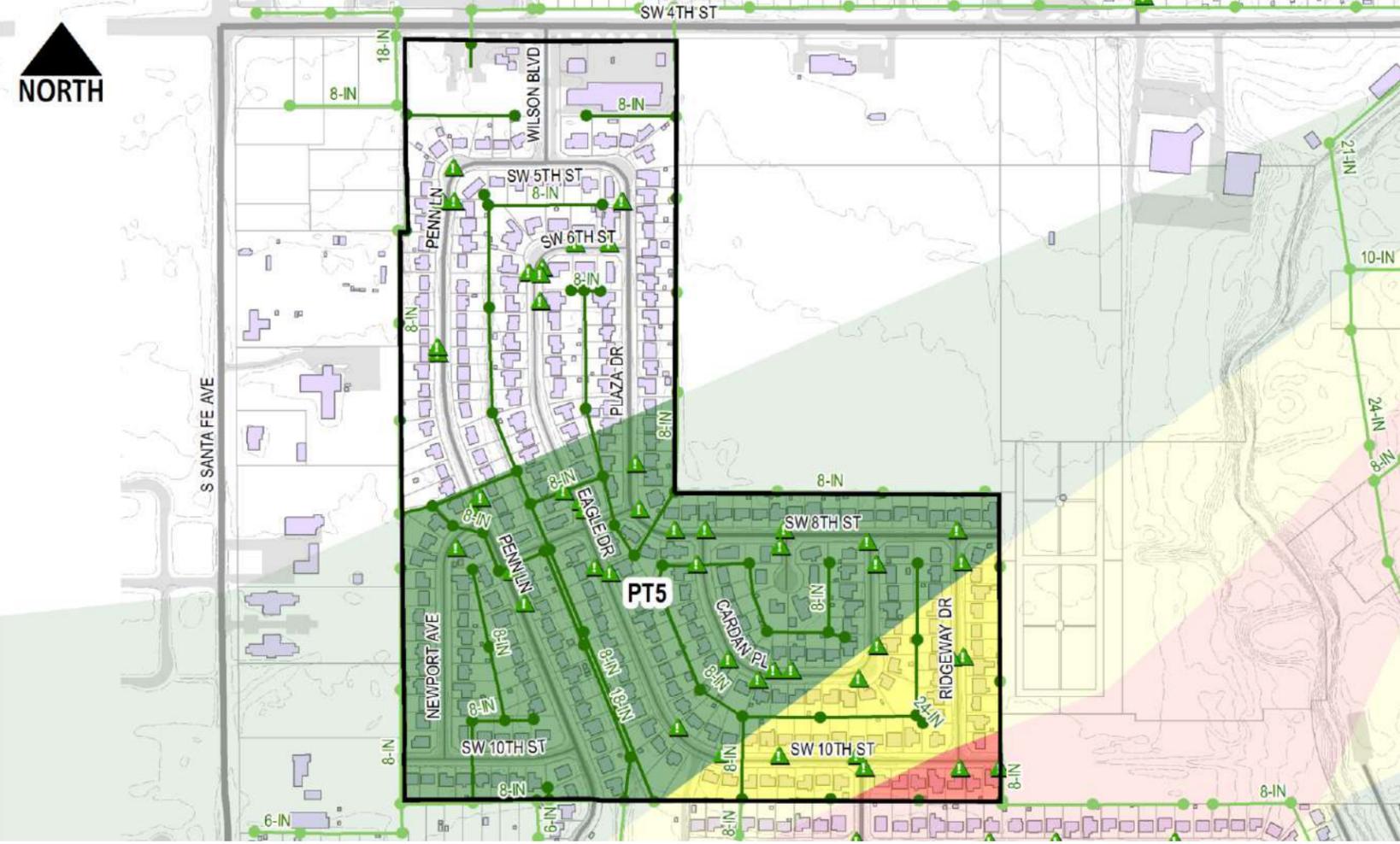
Background Score 22.33

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	767	0.05	10.00	0.46
Length within EF2 to EF4 Damage Area prior to disaster (ft)	2280	0.14	5.00	0.68
Length within EF0 to EF2 Damage Area prior to disaster (ft)	8759	0.52	2.00	1.04
Length Outside Damage Area prior to Disaster (ft)	5028	0.30	1.00	0.30

Damage Score 2.47

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	1	0.25	0.25
SS2 - Brick manhole	10	0.25	2.50
SS3 - Manhole not found	8	0.25	2.00
SS4 - Future service connection anticipated	22	0.25	5.50
SS6 - Maintenance event (2004 - 2014)	72	0.25	18.00

Condition Score 28.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT5
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	12169	0.72	10.00	7.23
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				7.23

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA PT5: RECONSTRUCTION/REHABILITATION OF PUBLIC SANITARY SEWER SYSTEM	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs





City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1640			
Total Sanitary Sewer Structures (ea)	6			
Line Size				
Diameter 12-in or greater (ft)	235	0.14	10.00	1.43
Diameter 8-in to 12-in (ft)	1249	0.76	5.00	3.81
Diameter 4-in to 6-in (ft)	156	0.10	1.00	0.10
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1640	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	2	0.33	2.00	0.67
Structures within "Moderate Concrete Corrosion Potential" (ea)	4	0.67	5.00	3.33
Age				
More than 20-years	39	0.02	10.00	0.24
15 to 20-years	597	0.36	5.00	1.82
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	0	0.00	2.00	0.00
Unknown	1004	0.61	1.00	0.61

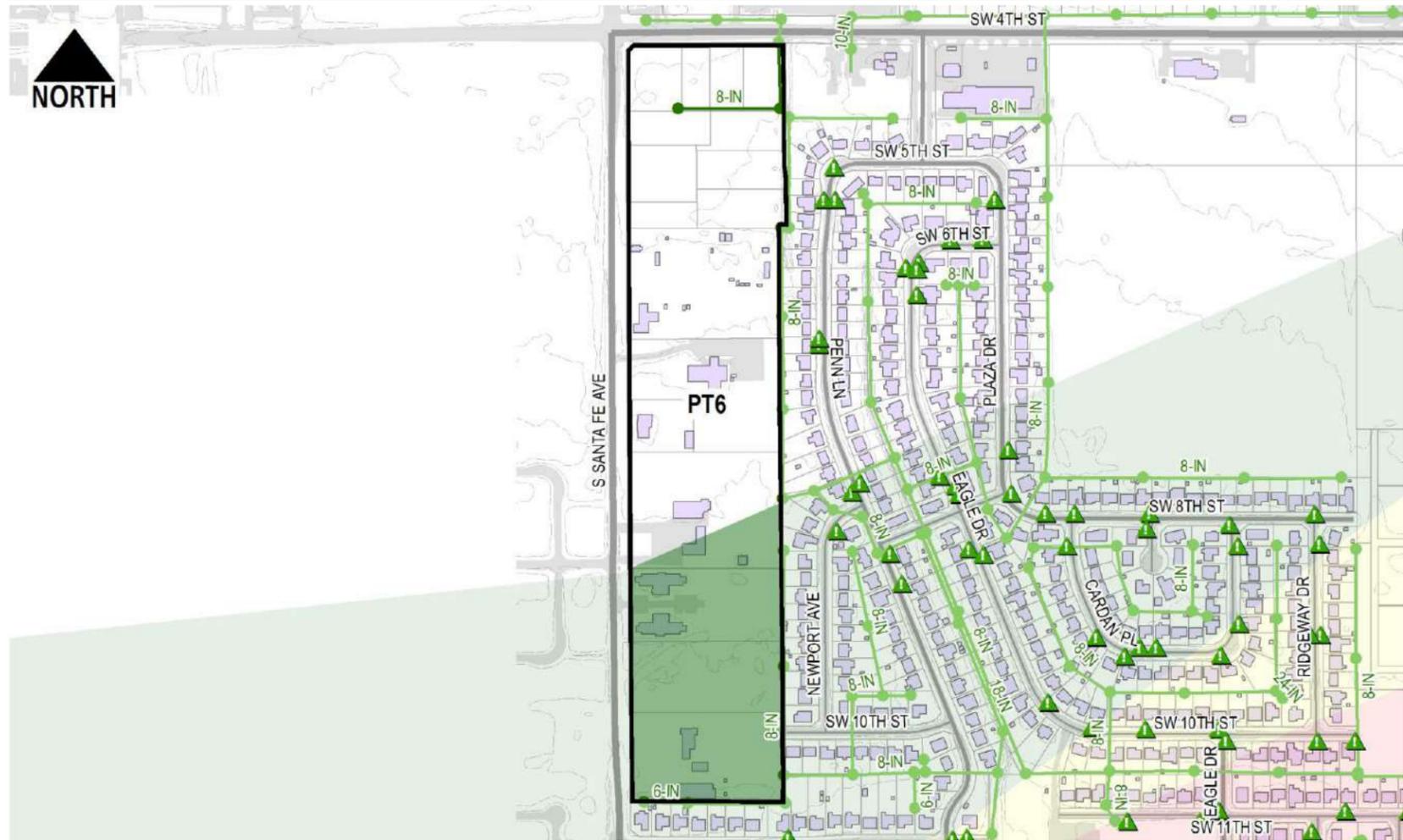
Background Score 17.01

Damage Score

Description	Value	Fraction of Historical 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)	1043	0.64	2.00	1.27
Length Outside Damage Area prior to Disaster (ft)	597	0.36	1.00	0.36

Damage Score 1.64

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Plaza Towers
 Assessment Sub-Area PT6
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1043	0.64	10.00	6.36
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.36

Infrastructure Photographs

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Rating Index (IRI) **25.00**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	727			
Total Sanitary Sewer Structures (ea)	3			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	727	1.00	5.00	5.00
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	727	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	3	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	623	0.86	5.00	4.28
10 to 15-years	54	0.07	4.00	0.30
less than 10-years	0	0.00	2.00	0.00
Unknown	50	0.07	1.00	0.07

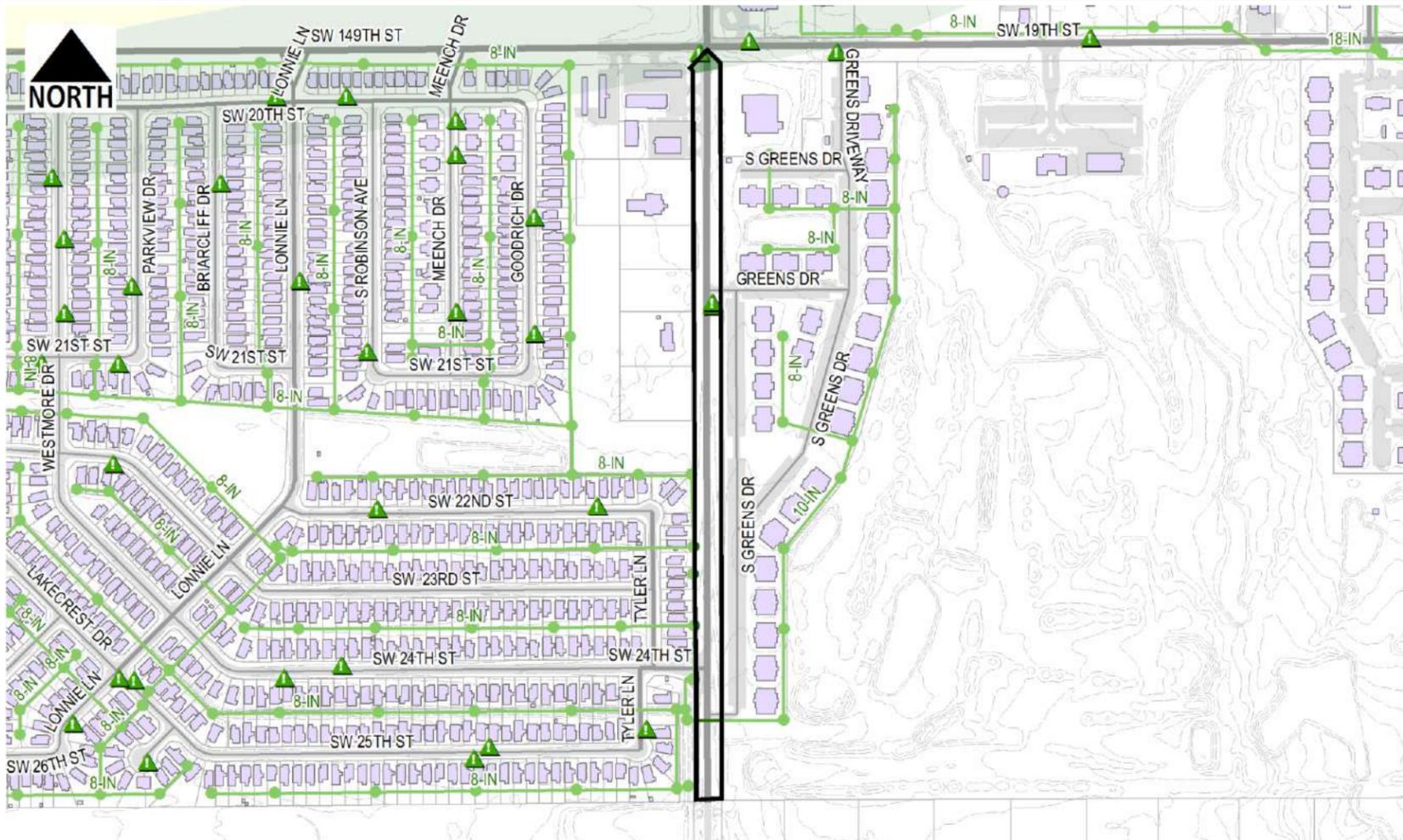
Background Score 16.65

Damage Score

Description	Value	Fraction of Historical 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)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	727	1.00	1.00	1.00

Damage Score 1.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	2	0.25	0.50
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	2	0.25	0.50

Condition Score 1.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Santa Fe Avenue
 Assessment Sub-Area SF1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	727	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2022.06.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **28.65**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Southmoor
Assessment Sub-Area SM2
Infrastructure Category Sanitary
Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	11511			
Total Sanitary Sewer Structures (ea)	48			
Line Size				
Diameter 12-in or greater (ft)	364	0.03	10.00	0.32
Diameter 8-in to 12-in (ft)	11146	0.97	5.00	4.84
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	11511	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	48	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	11511	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

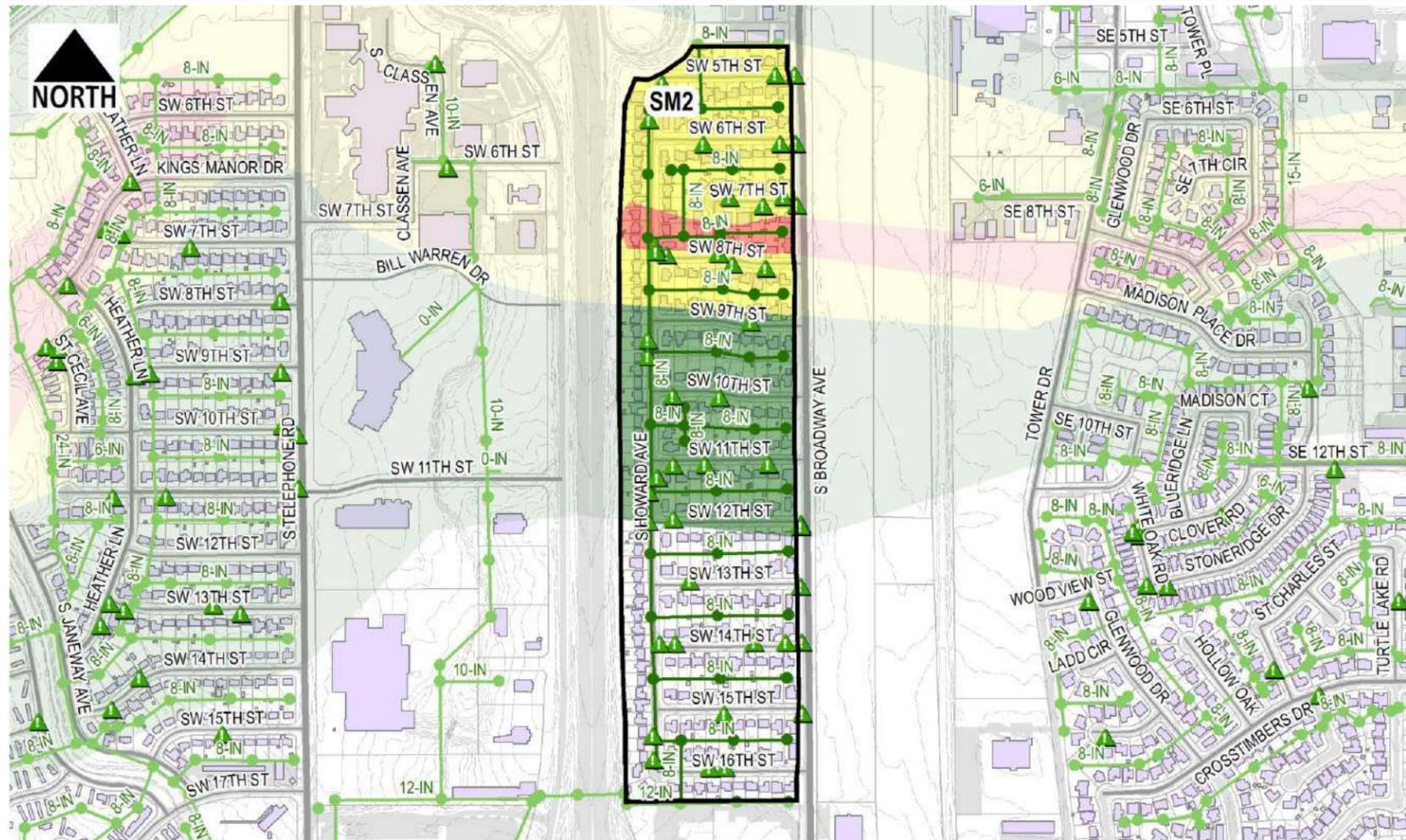
Background Score 22.16

Damage Score

Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	933	0.08	10.00	0.81
Length within EF2 to EF4 Damage Area prior to disaster (ft)	3236	0.28	5.00	1.41
Length within EF0 to EF2 Damage Area prior to disaster (ft)	3054	0.27	2.00	0.53
Length Outside Damage Area prior to Disaster (ft)	4287	0.37	1.00	0.37

Damage Score 3.12

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	1	0.25	0.25
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	22	0.25	5.50
SS6 - Maintenance event (2004 - 2014)	54	0.25	13.50

Condition Score 19.25



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Southmoor
 Assessment Sub-Area SM2
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	2877	0.25	10.00	2.50
Length within 0.25-mi of Emergency Response Facility (ft)	2877	0.25	5.00	1.25
Proximity Score				3.75

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q25: Projected capacity issue with infrastructure	Yes	1.00	5.00	5.00
Q26: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	
SUB-AREA SM2: REPLACEMENT/REHAB OF ALL EXISTING PUBLIC SANITARY SEWER MAINS I	1.00	5.00	5.00	
Opportunity Score				5.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **73.28**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

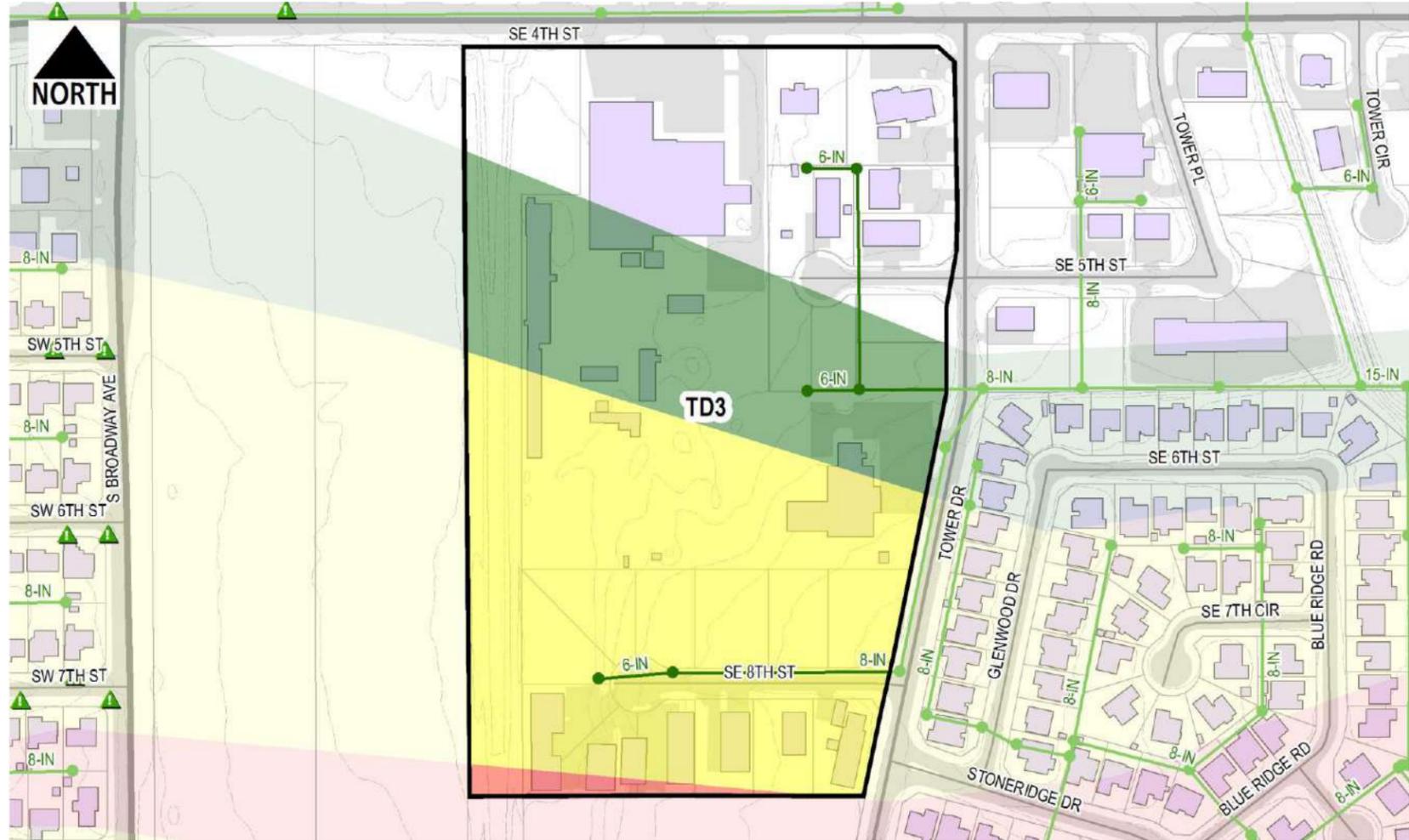
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	1227			
Total Sanitary Sewer Structures (ea)	6			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	919	0.75	5.00	3.74
Diameter 4-in to 6-in (ft)	307	0.25	1.00	0.25
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	1227	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	1	0.17	2.00	0.33
Structures within "Moderate Concrete Corrosion Potential" (ea)	5	0.83	5.00	4.17
Age				
More than 20-years	1227	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				23.50

Damage Score

Description	Value	Fraction of Historical 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)	510	0.42	5.00	2.08
Length within EF0 to EF2 Damage Area prior to disaster (ft)	387	0.32	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	330	0.27	1.00	0.27
Damage Score				2.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive District
 Assessment Sub-Area TD3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	484	0.39	10.00	3.94
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				3.94

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.42**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Tower Drive
 Assessment Sub-Area TW1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	226	0.38	10.00	3.75
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				3.75

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q20: 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
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **30.87**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT1
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

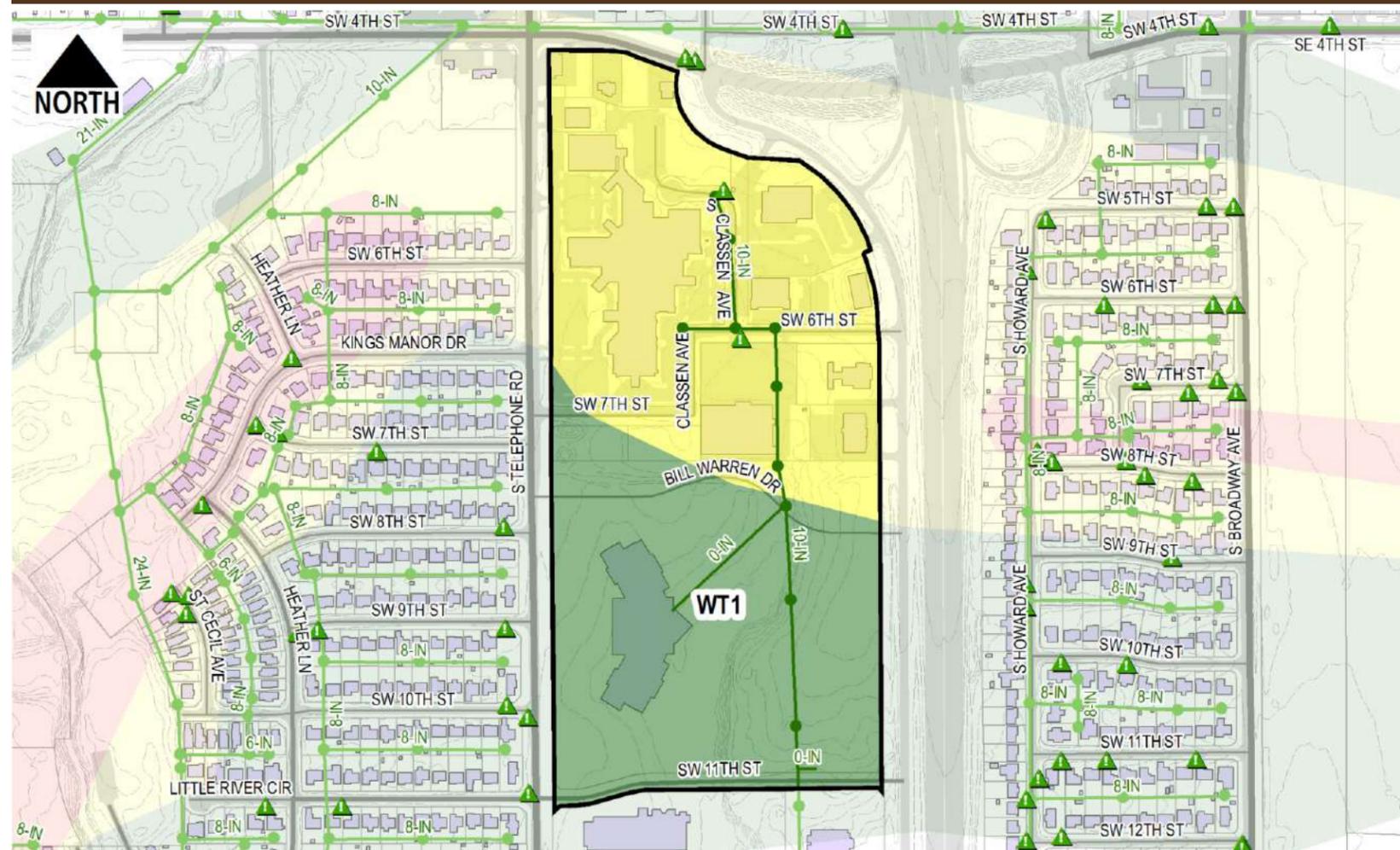
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2835			
Total Sanitary Sewer Structures (ea)	10			
Line Size				
Diameter 12-in or greater (ft)	0	0.00	10.00	0.00
Diameter 8-in to 12-in (ft)	2259	0.80	5.00	3.98
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	576	0.20	1.00	0.20
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2835	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	10	1.00	2.00	2.00
Structures within "Moderate Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Age				
More than 20-years	1190	0.42	10.00	4.20
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	1645	0.58	2.00	1.16
Unknown	0	0.00	1.00	0.00
Background Score				16.55

Damage Score

Description	Value	Fraction of Historical 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)	1296	0.46	5.00	2.29
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1539	0.54	2.00	1.09
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				3.37

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	3	0.25	0.75
SS2 - Brick manhole	5	0.25	1.25
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	4	0.25	1.00
Condition Score			3.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT1
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	2832	1.00	10.00	9.99
Length within 0.25-mi of Emergency Response Facility (ft)	2832	1.00	5.00	4.99
Proximity Score				14.98

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **52.90**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Warren Theater
 Assessment Sub-Area: WT3
 Infrastructure Category: Sanitary
 Exhibit Group: E.3

Assessment Data

Description	Value
Assessment By	J. Cotton / A.Hartman
Date of Assessment	3/10/2015

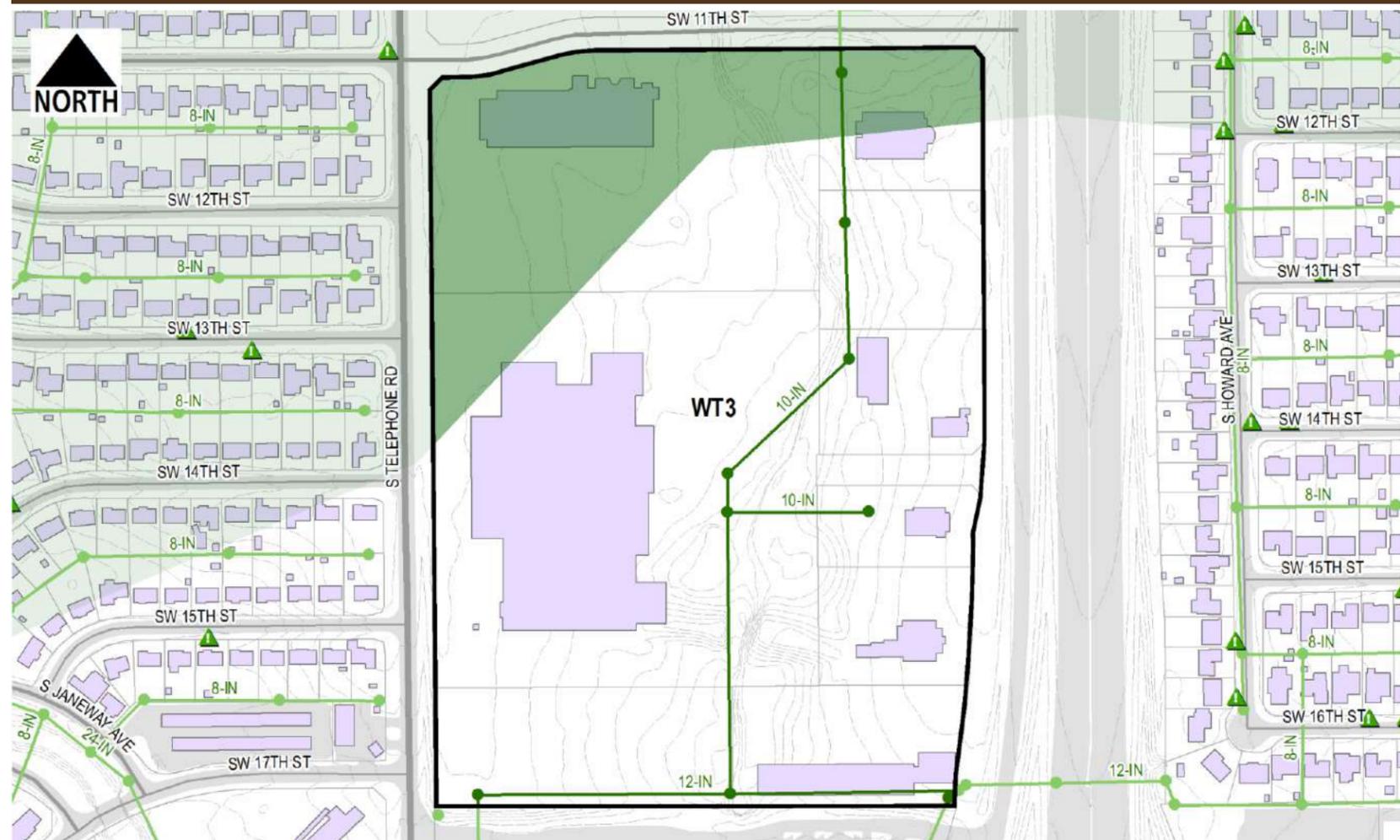
Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Sanitary Sewer Line Length (ft)	2834			
Total Sanitary Sewer Structures (ea)	9			
Line Size				
Diameter 12-in or greater (ft)	999	0.35	10.00	3.53
Diameter 8-in to 12-in (ft)	1835	0.65	5.00	3.24
Diameter 4-in to 6-in (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of VCP (ft)	0	0.00	10.00	0.00
Length of Unknown (ft)	2834	1.00	5.00	5.00
Corrosion				
Structures within "Low Concrete Corrosion Potential" (ea)	7	0.78	2.00	1.56
Structures within "Moderate Concrete Corrosion Potential" (ea)	2	0.22	5.00	1.11
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	2834	1.00	2.00	2.00
Unknown	0	0.00	1.00	0.00
Background Score				16.43

Damage Score

Description	Value	Fraction of Historical 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)	176	0.06	2.00	0.12
Length Outside Damage Area prior to Disaster (ft)	2658	0.94	1.00	0.94
Damage Score				1.06

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score
SS1 - Damaged manhole	0	0.25	0.00
SS2 - Brick manhole	0	0.25	0.00
SS3 - Manhole not found	0	0.25	0.00
SS4 - Future service connection anticipated	0	0.25	0.00
SS6 - Maintenance event (2004 - 2014)	0	0.25	0.00
Condition Score			0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Warren Theater
 Assessment Sub-Area WT3
 Infrastructure Category Sanitary
 Exhibit Group E.3

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q19: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q20: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q21: 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				
Description	Value	Score	Weighting Factor	Score
Q22: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q23: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q24: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q25: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q26: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q27: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Photographs



Infrastructure Rating Index (IRI) **32.49**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue

Assessment Sub-Area BA1

Infrastructure Category Drainage

Exhibit Group E.4

Assessment Data

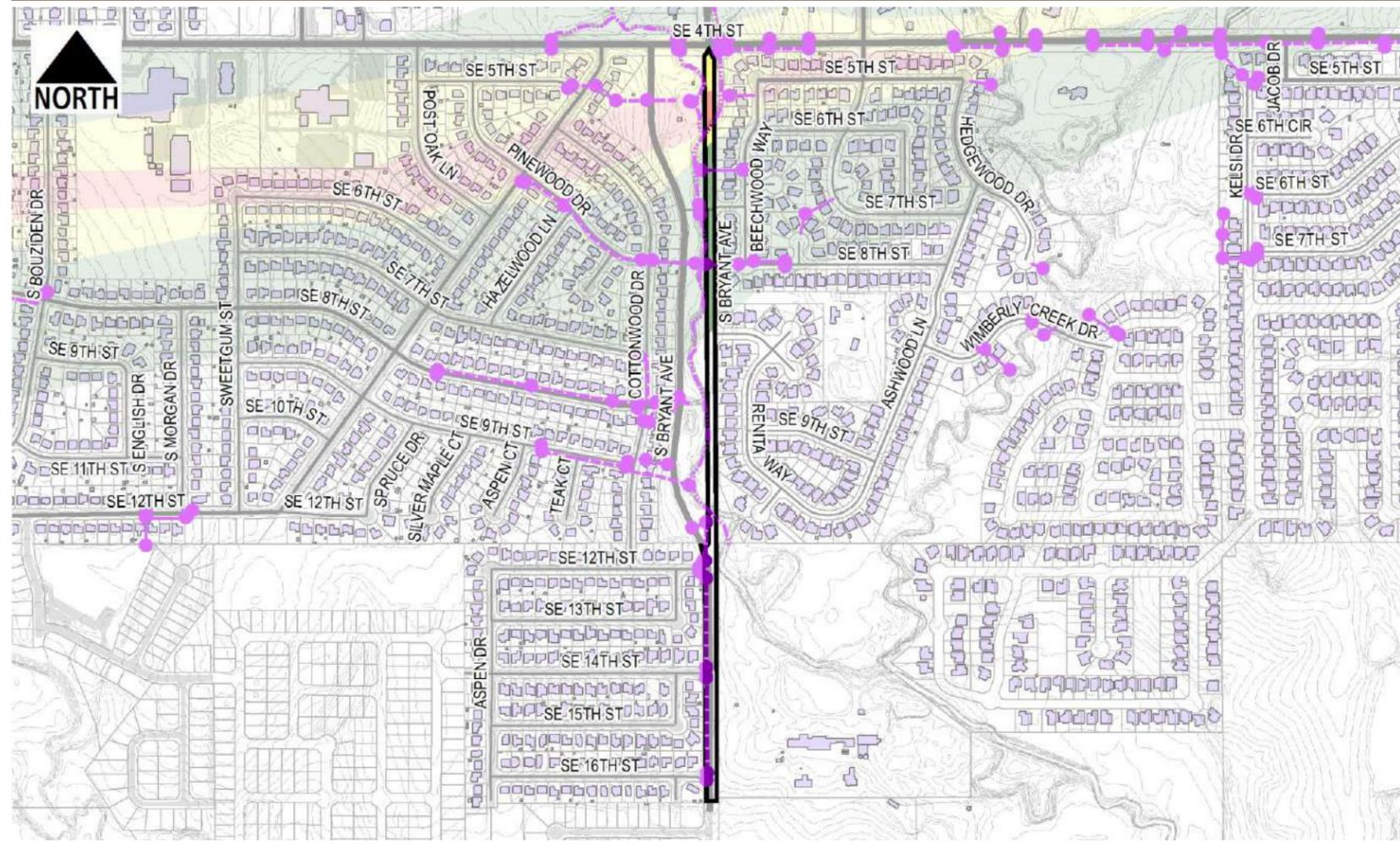
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1467			
Total Drainage Channel Length (ft)	655			
Total Storm Sewer Structures (ea)	9			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	52	0.04	10.00	0.35
Diameter 18-in to 30-in equivalent (ft)	55	0.04	5.00	0.19
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1360	0.93	1.00	0.93
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	107	0.07	5.00	0.36
Length of Unknown (ft)	1360	0.93	2.00	1.85
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	9	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	2122	1.00	5.00	5.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2122	1.00	2.00	2.00
Age				
More than 20-years	1270	0.87	10.00	8.66
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	65	0.04	4.00	0.18
less than 10-years	0	0.00	2.00	0.00
Unknown	133	0.09	1.00	0.09

Background Score 21.61

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	5	0.50	2.50
D4 - Insufficient armoring	2	0.50	1.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 3.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA1
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	126	0.09	2.00	0.17
Length Outside Damage Area prior to Disaster (ft)	1341	0.91	1.00	0.91
Damage Score				1.09

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	Score
No Projects Available	0.00	0.00	0.00	0.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	888	0.61	10.00	6.05
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				6.05

Infrastructure Photographs



Infrastructure Rating Index (IRI) **58.25**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Bryant Avenue
 Assessment Sub-Area BA2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	521			
Total Drainage Channel Length (ft)	884			
Total Storm Sewer Structures (ea)	9			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	266	0.51	10.00	5.11
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	255	0.49	1.00	0.49
Material				
Length of Corrugated Metal (ft)	320	0.61	10.00	6.14
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	201	0.39	2.00	0.77
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	9	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1405	1.00	5.00	5.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1405	1.00	2.00	2.00
Age				
More than 20-years	123	0.24	10.00	2.36
15 to 20-years	178	0.34	5.00	1.71
10 to 15-years	0	0.00	4.00	0.00
less than 10-years	201	0.39	2.00	0.77
Unknown	19	0.04	1.00	0.04

Background Score 26.39

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Bryant Avenue
Assessment Sub-Area BA2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	521	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.06.1	0.00	10.00	0.00
Q11: 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
Q12: Opportunity to harden infrastructure against future disasters	Yes	1.00	1.00	1.00
Health and Safety Score				1.00

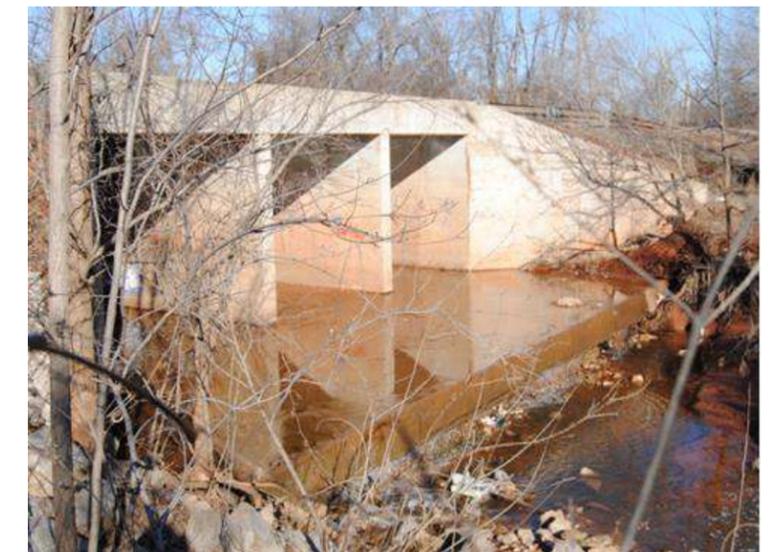
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	
BA2: CHANNEL MAINTENANCE AND IMPROVEMENTS, EAST SIDE OF S BRYANT AVE	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **58.39**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Baer's Westmoore
 Assessment Sub-Area BW2
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

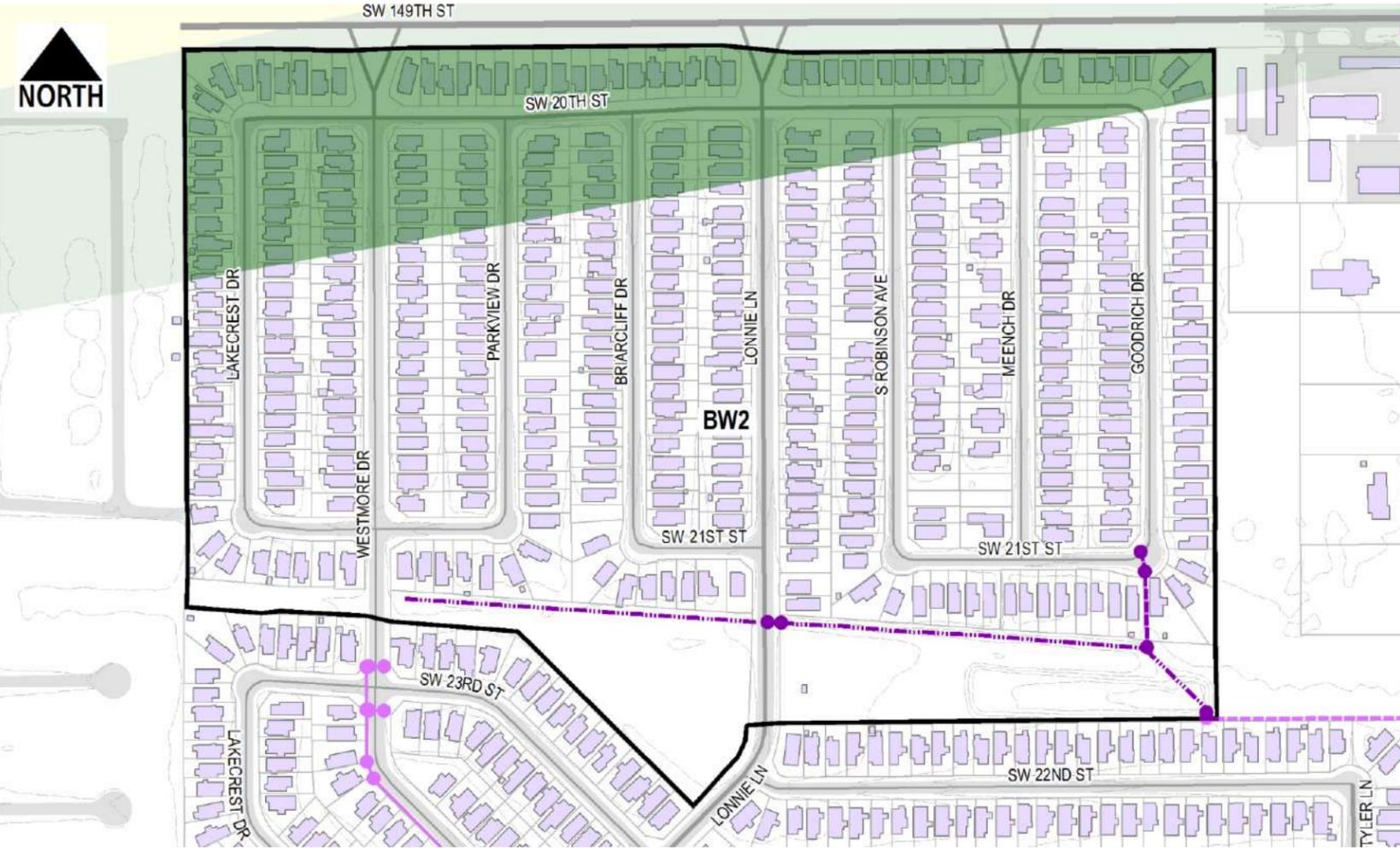
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	268			
Total Drainage Channel Length (ft)	1712			
Total Storm Sewer Structures (ea)	7			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	268	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	268	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	4	0.57	5.00	2.86
Structures within "Low Concrete Corrosion Potential" (ea)	3	0.43	2.00	0.86
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1980	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	1578	0.80	5.00	3.98
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	402	0.20	2.00	0.41
Age				
More than 20-years	213	0.79	10.00	7.95
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	1	0.00	4.00	0.01
less than 10-years	0	0.00	2.00	0.00
Unknown	54	0.20	1.00	0.20

Background Score 29.27

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	21	0.50	10.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 10.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Baer's Westmoore
Assessment Sub-Area BW2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	0	0.00	2.00	0.00
Length Outside Damage Area prior to Disaster (ft)	268	1.00	1.00	1.00
Damage Score				1.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2022.05.2	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	
BW2: DRAINAGE IMPROVEMENTS IN VICINITY OF COMMON AREA	1.00	5.00	5.00	
SUB-AREA BW2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	50	0.19	10.00	1.87
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				1.87

Infrastructure Photographs



Infrastructure Rating Index (IRI) **63.64**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Carriage Park
 Assessment Sub-Area CP1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

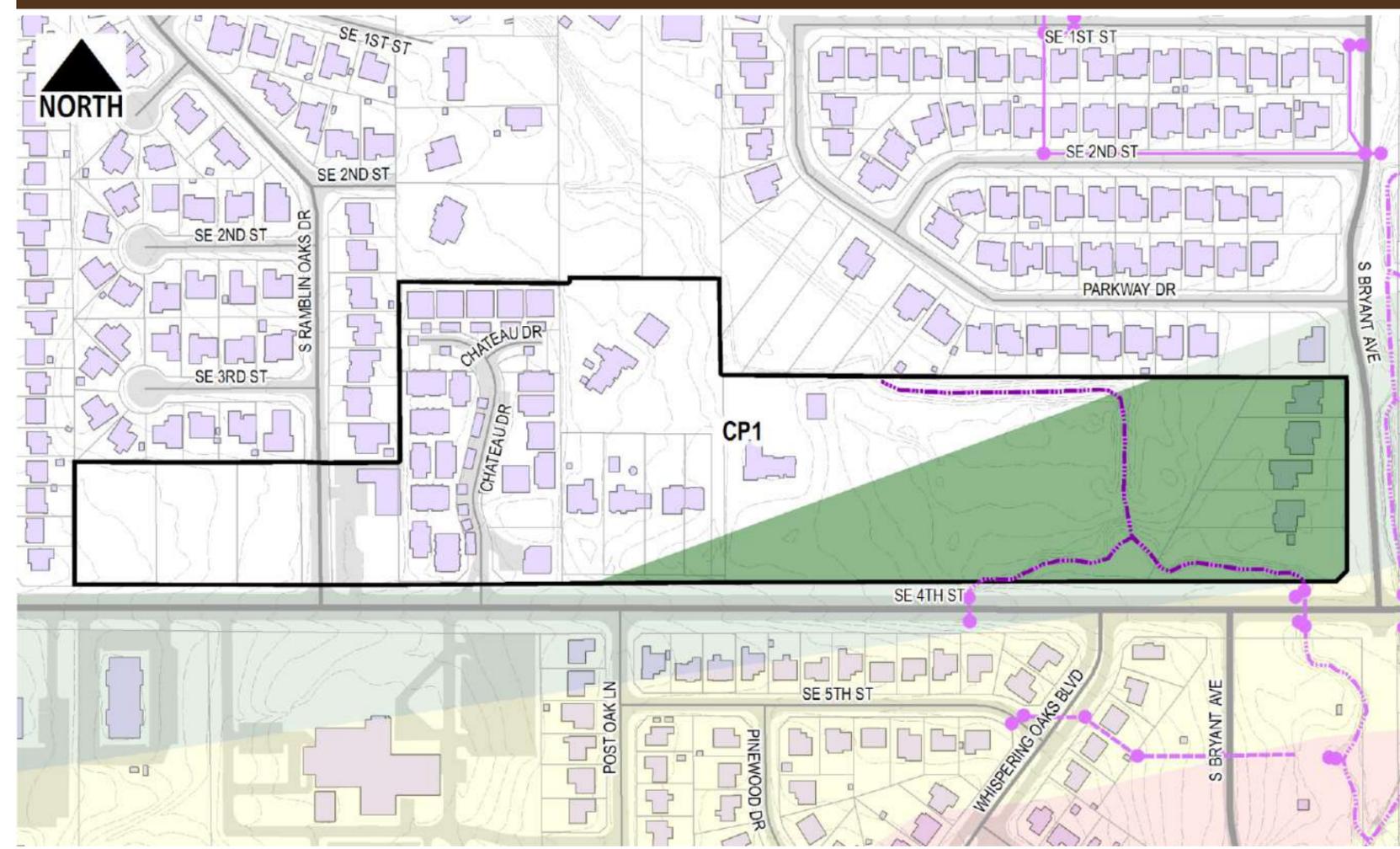
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	0			
Total Drainage Channel Length (ft)	1503			
Total Storm Sewer Structures (ea)	0			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	0	0.00	2.00	0.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	257	0.17	10.00	1.71
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1246	0.83	5.00	4.15
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1503	1.00	2.00	2.00
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 7.85

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	1	0.50	0.50	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	1	0.50	0.50	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Carriage Park
Assessment Sub-Area CP1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	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

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.06.2	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Infrastructure Photographs

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	Score
No Projects Available	0.00	0.00	0.00	0.00

Infrastructure Rating Index (IRI) **35.35**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastern Avenue

Assessment Sub-Area EA1

Infrastructure Category Drainage

Exhibit Group E.4

Assessment Data

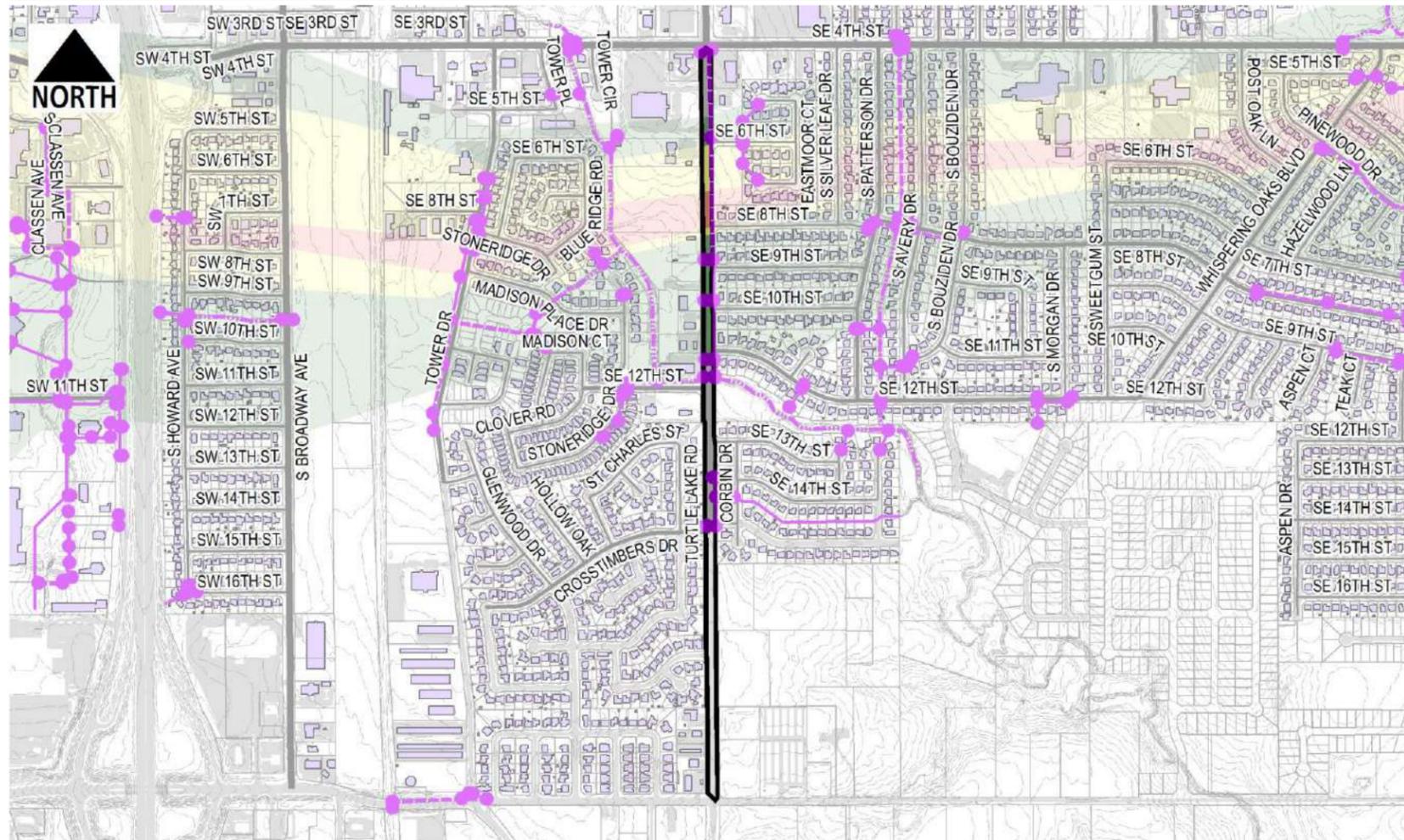
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3037			
Total Drainage Channel Length (ft)	23			
Total Storm Sewer Structures (ea)	20			
Line Size				
RCB	127	0.04	10.00	0.42
Diameter 36-in equivalent or greater (ft)	1378	0.45	10.00	4.54
Diameter 18-in to 30-in equivalent (ft)	123	0.04	5.00	0.20
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1536	0.51	1.00	0.51
Material				
Length of Corrugated Metal (ft)	1027	0.34	10.00	3.38
Length of Concrete (ft)	348	0.11	5.00	0.57
Length of Unknown (ft)	1536	0.51	2.00	1.01
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	20	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	2645	0.86	10.00	8.64
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	415	0.14	5.00	0.68
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3060	1.00	2.00	2.00
Age				
More than 20-years	1528	0.50	10.00	5.03
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	1509	0.50	1.00	0.50

Background Score 29.48

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	1	0.50	0.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastern Avenue
 Assessment Sub-Area EA1
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	251	0.08	10.00	0.83
Length within EF2 to EF4 Damage Area prior to disaster (ft)	368	0.12	5.00	0.61
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1224	0.40	2.00	0.81
Length Outside Damage Area prior to Disaster (ft)	1194	0.39	1.00	0.39
Damage Score				2.63

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.1	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
MH1: DRAINAGE CHANNEL IMPROVEMENTS, EAST OF HUNTER'S GLENN AREA	1.00	5.00	5.00	5.00
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3037	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **48.61**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

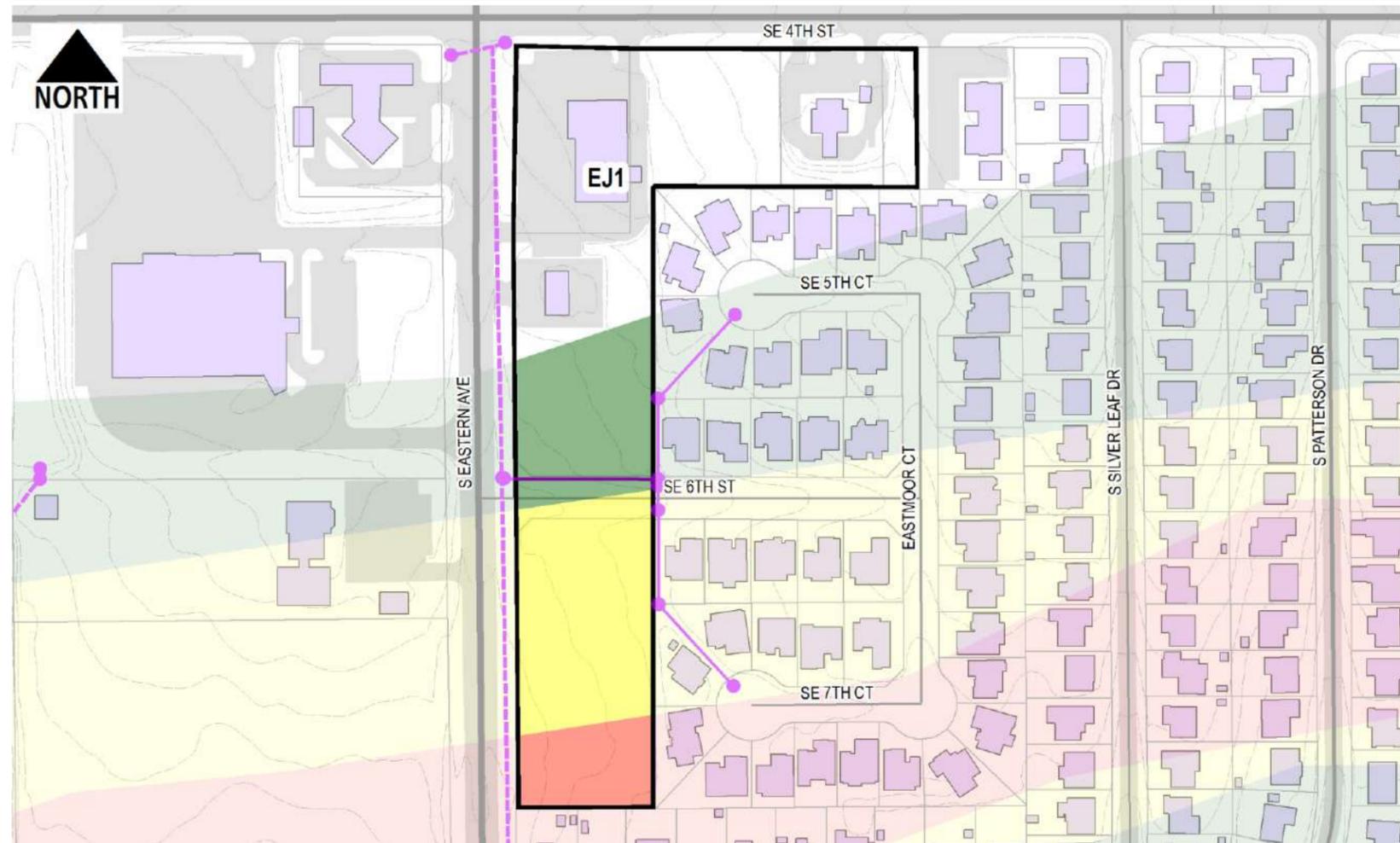
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	200			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	0			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	200	1.00	10.00	10.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	0	0.00	1.00	0.00
Material				
Length of Corrugated Metal (ft)	200	1.00	10.00	10.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	0	0.00	2.00	0.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	200	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	17	0.09	5.00	0.43
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	183	0.92	2.00	1.83
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 36.26

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ1
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	200	1.00	2.00	2.00
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				2.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	200	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	No	0.00	5.00	0.00
LMI Score				0.00

Infrastructure Photographs

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: 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				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Infrastructure Rating Index (IRI) **48.26**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates

Assessment Sub-Area EJ2

Infrastructure Category Drainage

Exhibit Group E.4

Assessment Data

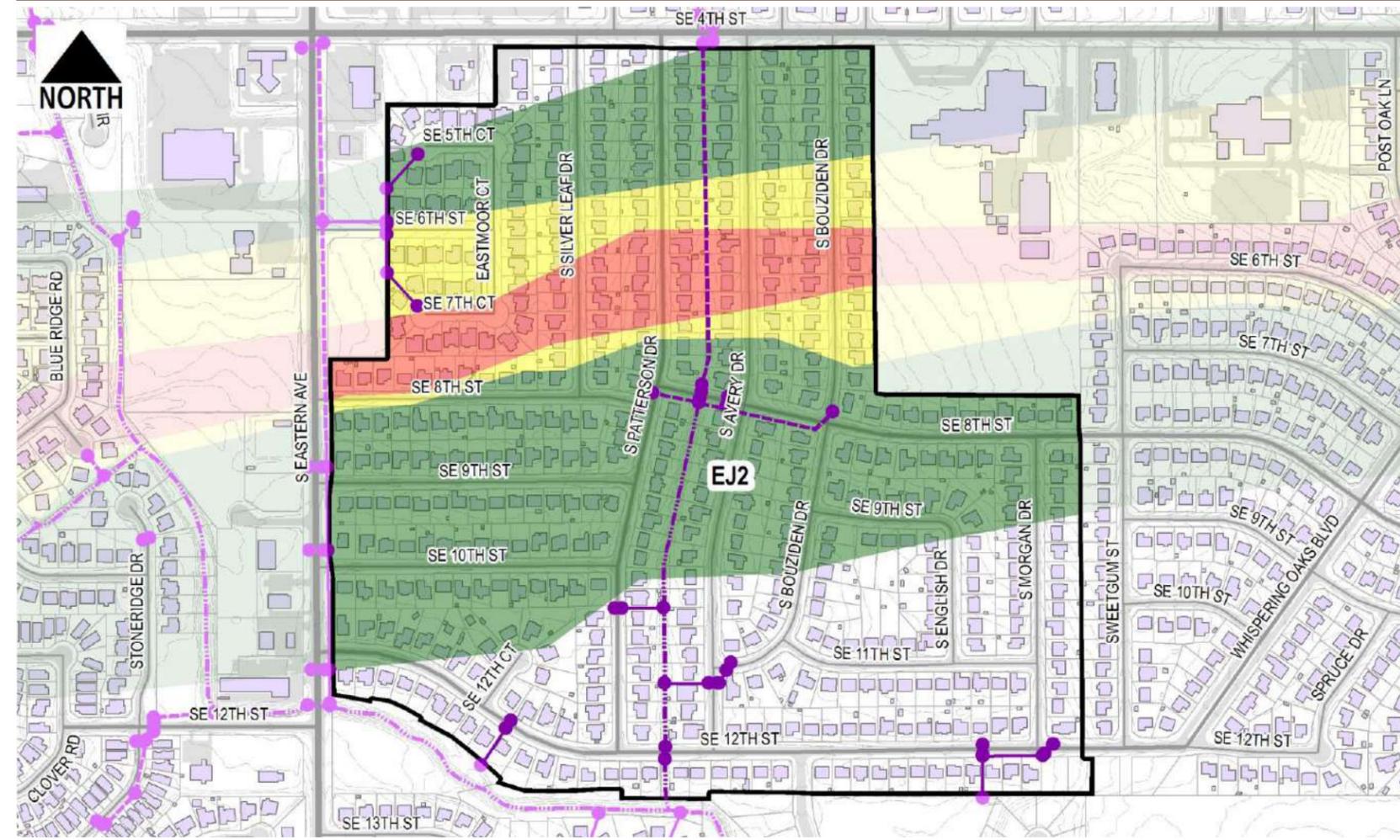
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3775			
Total Drainage Channel Length (ft)	1337			
Total Storm Sewer Structures (ea)	37			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	917	0.24	10.00	2.43
Diameter 18-in to 30-in equivalent (ft)	816	0.22	5.00	1.08
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	2041	0.54	1.00	0.54
Material				
Length of Corrugated Metal (ft)	1699	0.45	10.00	4.50
Length of Concrete (ft)	34	0.01	5.00	0.05
Length of Unknown (ft)	2041	0.54	2.00	1.08
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	7	0.19	5.00	0.95
Structures within "Low Concrete Corrosion Potential" (ea)	30	0.81	2.00	1.62
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	4793	0.94	10.00	9.38
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	319	0.06	5.00	0.31
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	611	0.12	5.00	0.60
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	4501	0.88	2.00	1.76
Age				
More than 20-years	3164	0.84	10.00	8.38
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	611	0.16	4.00	0.65
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 33.32

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	26	0.50	13.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 13.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	300	0.08	10.00	0.79
Length within EF2 to EF4 Damage Area prior to disaster (ft)	569	0.15	5.00	0.75
Length within EF0 to EF2 Damage Area prior to disaster (ft)	1802	0.48	2.00	0.95
Length Outside Damage Area prior to Disaster (ft)	1103	0.29	1.00	0.29
Damage Score				2.80

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	
EJ2: DRAINAGE IMPROVEMENTS @ SE 8TH AND PATTERSON DRIVE	1.00	5.00	5.00	
SUB-AREA EJ2: REPLACEMENT OF ALL EXISTING STORM SEWER IN SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	3775	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **75.12**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Eastmoor / JD Estates
 Assessment Sub-Area: EJ5
 Infrastructure Category: Drainage
 Exhibit Group: E.4

Assessment Data

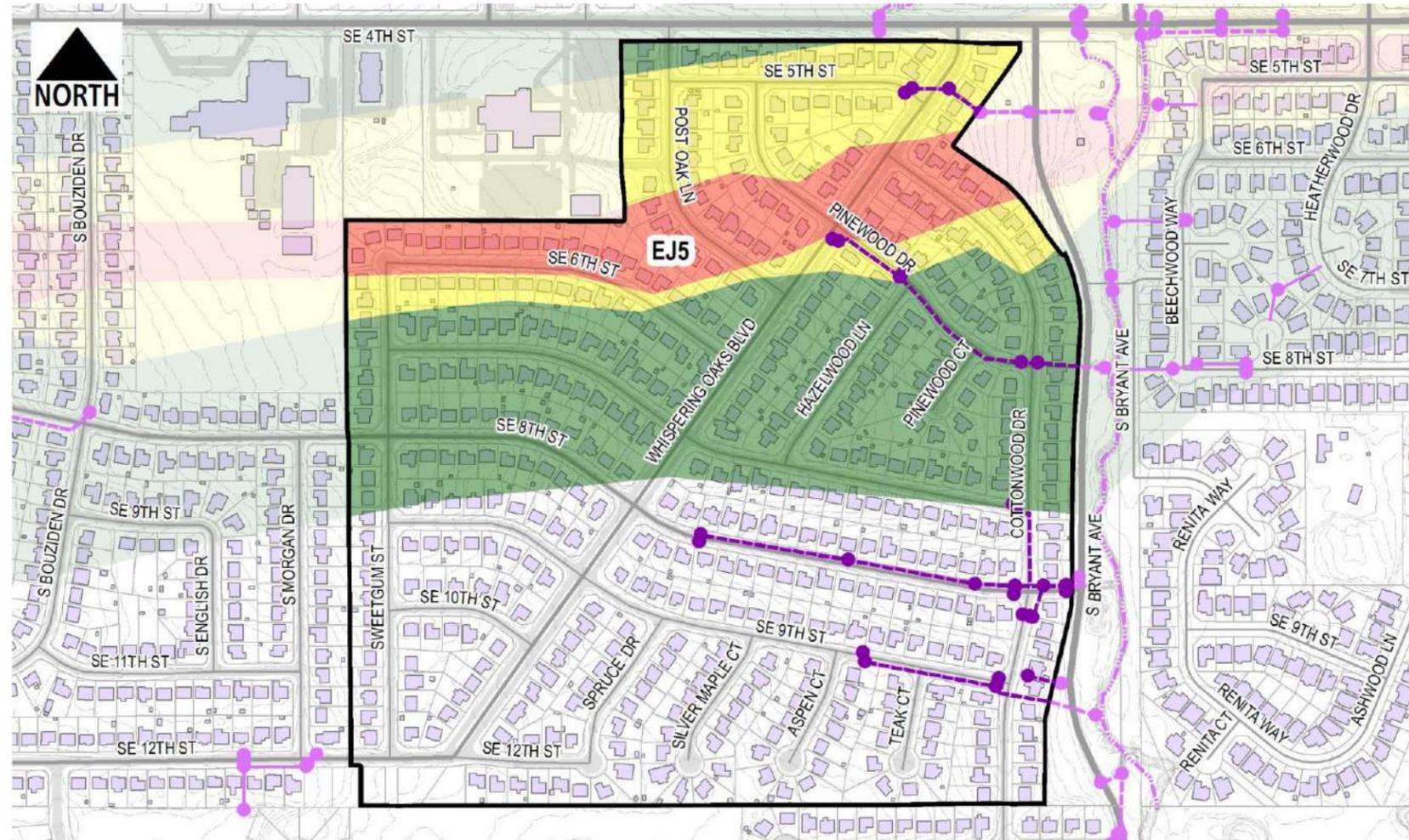
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	3865			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	31			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	3865	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	3865	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	31	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	2511	0.65	10.00	6.50
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1353	0.35	5.00	1.75
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3865	1.00	2.00	2.00
Age				
More than 20-years	3860	1.00	10.00	9.99
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	5	0.00	1.00	0.00

Background Score 25.24

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	5	0.50	2.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 2.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ5
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	553	0.14	5.00	0.72
Length within EF0 to EF2 Damage Area prior to disaster (ft)	724	0.19	2.00	0.37
Length Outside Damage Area prior to Disaster (ft)	2588	0.67	1.00	0.67
Damage Score				1.76

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.3	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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 EJ5: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	63	0.02	10.00	0.16
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.16

Infrastructure Photographs



Infrastructure Rating Index (IRI) **40.66**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
 Assessment Sub-Area EJ6
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	839			
Total Drainage Channel Length (ft)	2068			
Total Storm Sewer Structures (ea)	12			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	839	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	839	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	12	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	213	0.07	10.00	0.73
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	2693	0.93	5.00	4.63
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2907	1.00	2.00	2.00
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	838	1.00	1.00	1.00

Background Score 13.36

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	1	0.50	0.50	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	27	0.50	13.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 14.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Eastmoor / JD Estates
Assessment Sub-Area EJ6
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	128	0.15	10.00	1.53
Length within EF2 to EF4 Damage Area prior to disaster (ft)	209	0.25	5.00	1.25
Length within EF0 to EF2 Damage Area prior to disaster (ft)	141	0.17	2.00	0.34
Length Outside Damage Area prior to Disaster (ft)	360	0.43	1.00	0.43
Damage Score				3.54

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.05.2	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				20.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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 EJ6: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **61.90**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
 Assessment Sub-Area HW1
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

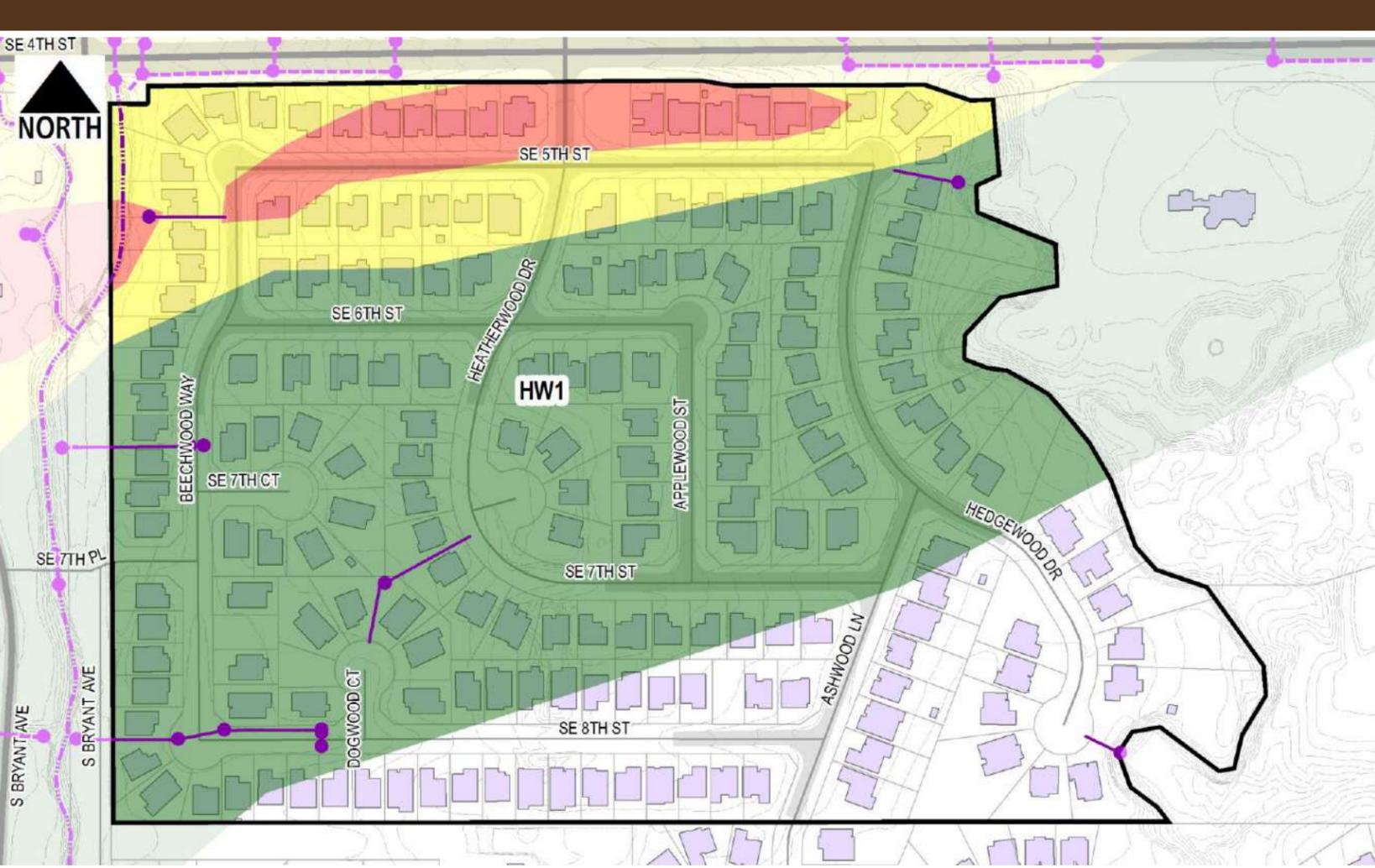
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1126			
Total Drainage Channel Length (ft)	313			
Total Storm Sewer Structures (ea)	11			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	136	0.12	10.00	1.21
Diameter 18-in to 30-in equivalent (ft)	412	0.37	5.00	1.83
Diameter Less than 18-in equivalent (ft)	338	0.30	1.00	0.30
Diameter Unknown (ft)	239	0.21	1.00	0.21
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	646	0.57	5.00	2.87
Length of Unknown (ft)	480	0.43	2.00	0.85
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	11	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1440	1.00	5.00	5.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1440	1.00	2.00	2.00
Age				
More than 20-years	0	0.00	10.00	0.00
15 to 20-years	239	0.21	5.00	1.06
10 to 15-years	887	0.79	4.00	3.15
less than 10-years	0	0.00	2.00	0.00
Unknown	0	0.00	1.00	0.00

Background Score 20.49

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	2	0.50	1.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	1	0.50	0.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Heatherwood
Assessment Sub-Area HW1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	25	0.02	10.00	0.22
Length within EF2 to EF4 Damage Area prior to disaster (ft)	104	0.09	5.00	0.46
Length within EF0 to EF2 Damage Area prior to disaster (ft)	931	0.83	2.00	1.65
Length Outside Damage Area prior to Disaster (ft)	66	0.06	1.00	0.06
Damage Score				2.40

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.07.1	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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 HW1: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **35.38**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Drainage
Exhibit Group E.4

Assessment Data

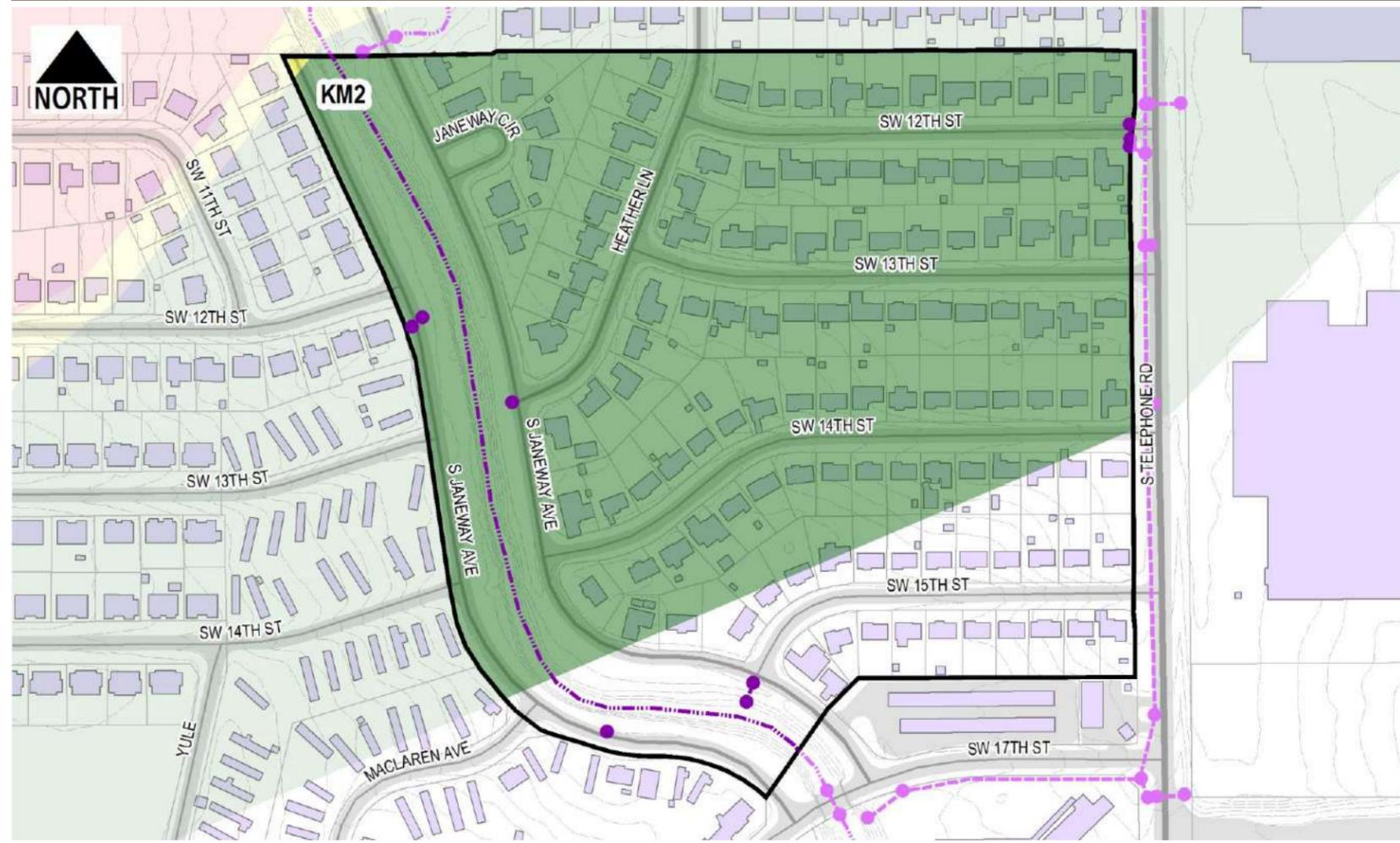
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	78			
Total Drainage Channel Length (ft)	1643			
Total Storm Sewer Structures (ea)	9			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	78	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	78	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	9	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	43	0.02	10.00	0.25
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1677	0.97	5.00	4.87
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1721	1.00	2.00	2.00
Age				
More than 20-years	78	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 22.12

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	1	0.50	0.50	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	4	0.50	2.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	22	0.50	11.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 14.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	43	0.55	2.00	1.10
Length Outside Damage Area prior to Disaster (ft)	35	0.45	1.00	0.45
Damage Score				1.55

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	
STREAM RESTORATION, FOREST & NATIVE GRASS RESTORATION PER PUBLIC COMMENT A	1.00	5.00	5.00	
SUB-AREA KM2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	0	0.00	10.00	0.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				0.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **93.67**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area King's Manor
Assessment Sub-Area KM3
Infrastructure Category Drainage
Exhibit Group E.4

Assessment Data

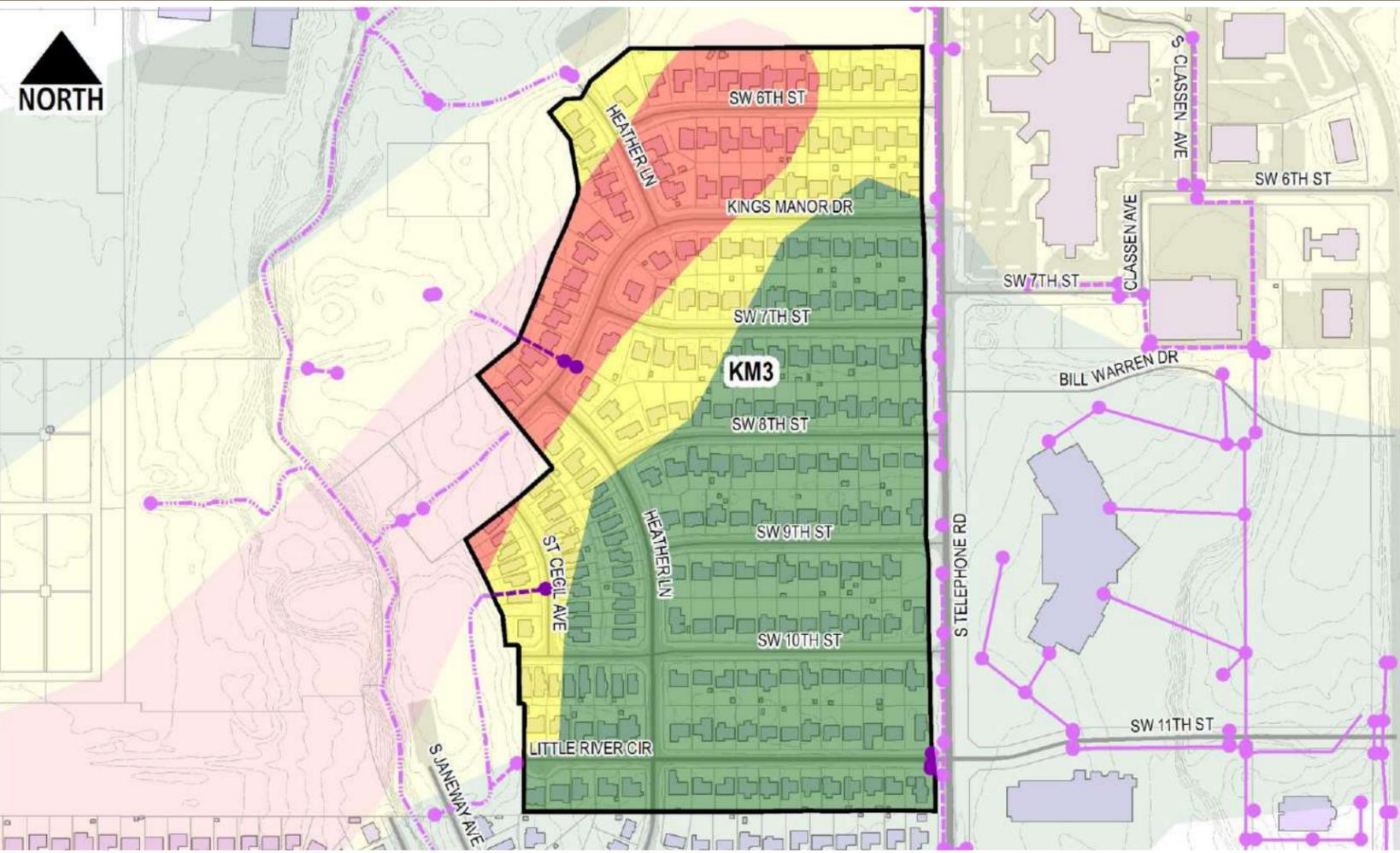
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	413			
Total Drainage Channel Length (ft)	0			
Total Storm Sewer Structures (ea)	7			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	413	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	413	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	329	0.80	10.00	7.97
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	84	0.20	5.00	1.02
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	413	1.00	2.00	2.00
Age				
More than 20-years	413	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 25.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	1	0.50	0.50	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	15	0.50	7.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 8.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM3
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	180	0.44	10.00	4.36
Length within EF2 to EF4 Damage Area prior to disaster (ft)	174	0.42	5.00	2.11
Length within EF0 to EF2 Damage Area prior to disaster (ft)	59	0.14	2.00	0.29
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				6.75

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.2	1.00	10.00	10.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				15.00

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	Yes	1.00	5.00	5.00
Q15: Historic capacity / load / design issue with infrastructure	Yes	1.00	10.00	10.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	Yes	1.00	5.00	5.00
Recovery/Revitalization Score				25.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	Score
SUB-AREA KM3: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	5.00
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	232	0.56	10.00	5.62
Length within 0.25-mi of Emergency Response Facility (ft)	232	0.56	5.00	2.81
Proximity Score				8.43

Infrastructure Photographs



Infrastructure Rating Index (IRI) **100.16**



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

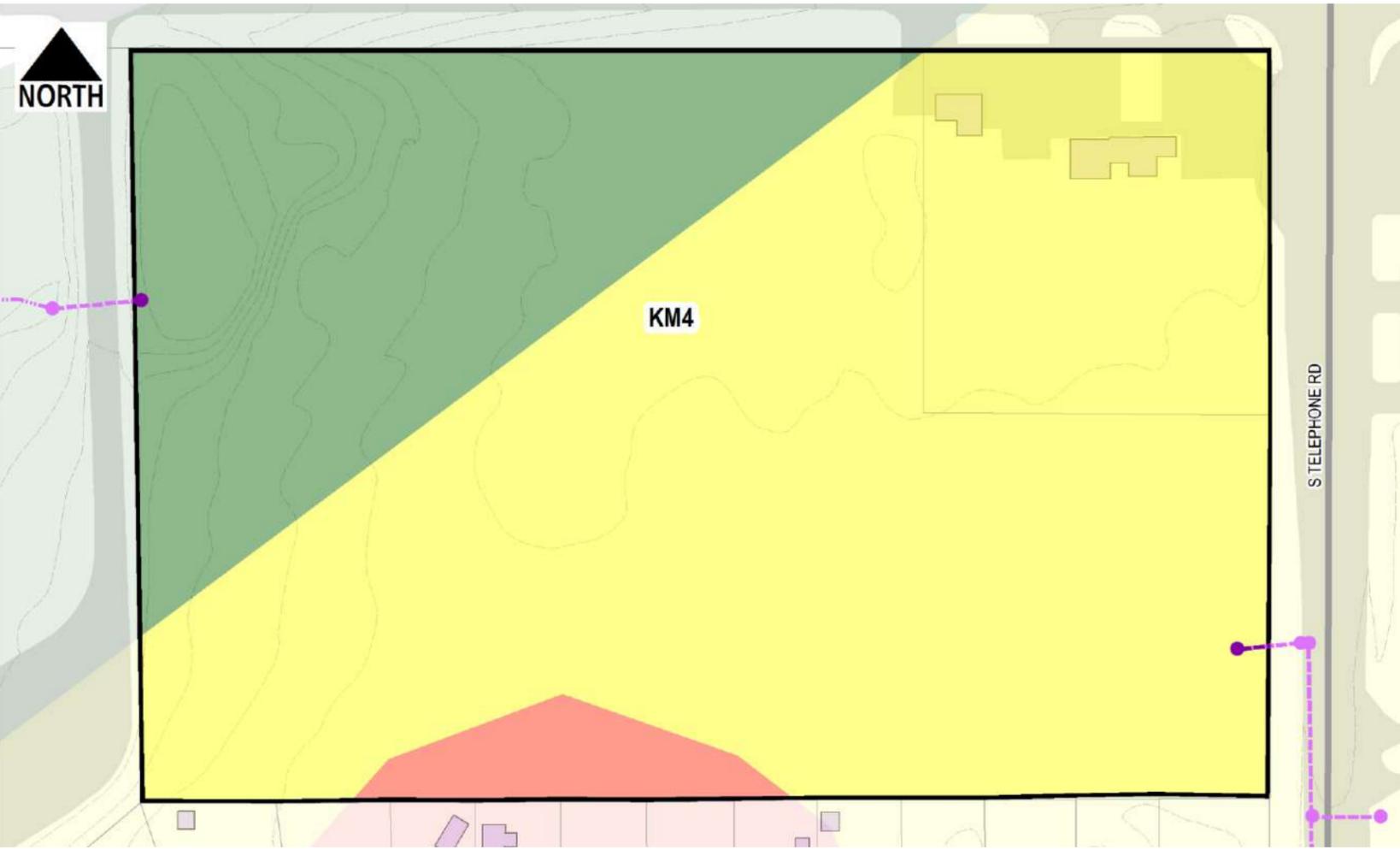
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)				
	29			
Total Drainage Channel Length (ft)				
	0			
Total Storm Sewer Structures (ea)				
	2			
Line Size				
RCB				
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	29	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	29	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	2	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	29	1.00	10.00	10.00
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	29	1.00	2.00	2.00
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 17.00

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	0	0.50	0.00
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area King's Manor
 Assessment Sub-Area KM4
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	24	0.83	5.00	4.14
Length within EF0 to EF2 Damage Area prior to disaster (ft)	6	0.21	2.00	0.41
Length Outside Damage Area prior to Disaster (ft)	0	0.00	1.00	0.00
Damage Score				4.55

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: 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
Q12: Opportunity to harden infrastructure against future disasters	No	0.00	1.00	0.00
Health and Safety Score				0.00

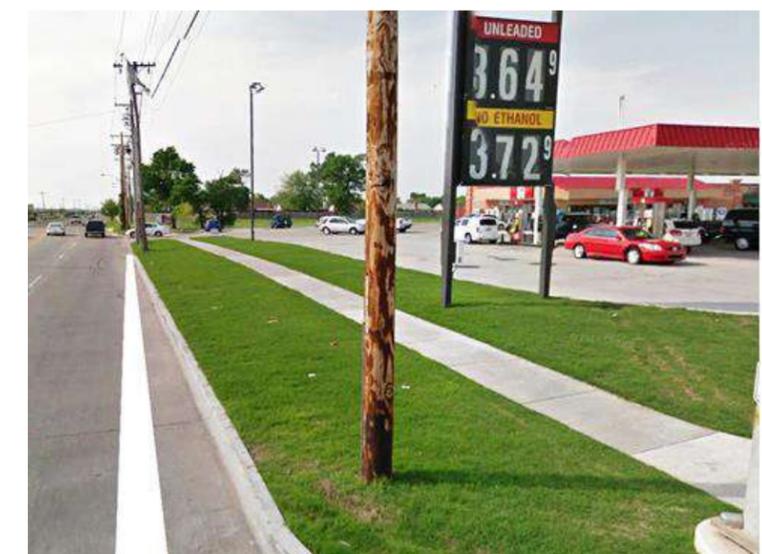
Long Term Recovery / Economic Revitalization				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

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

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	29	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	29	1.00	5.00	5.00
Proximity Score				15.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **36.55**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area Little River
Assessment Sub-Area LR1
Infrastructure Category Drainage
Exhibit Group E.4

Assessment Data

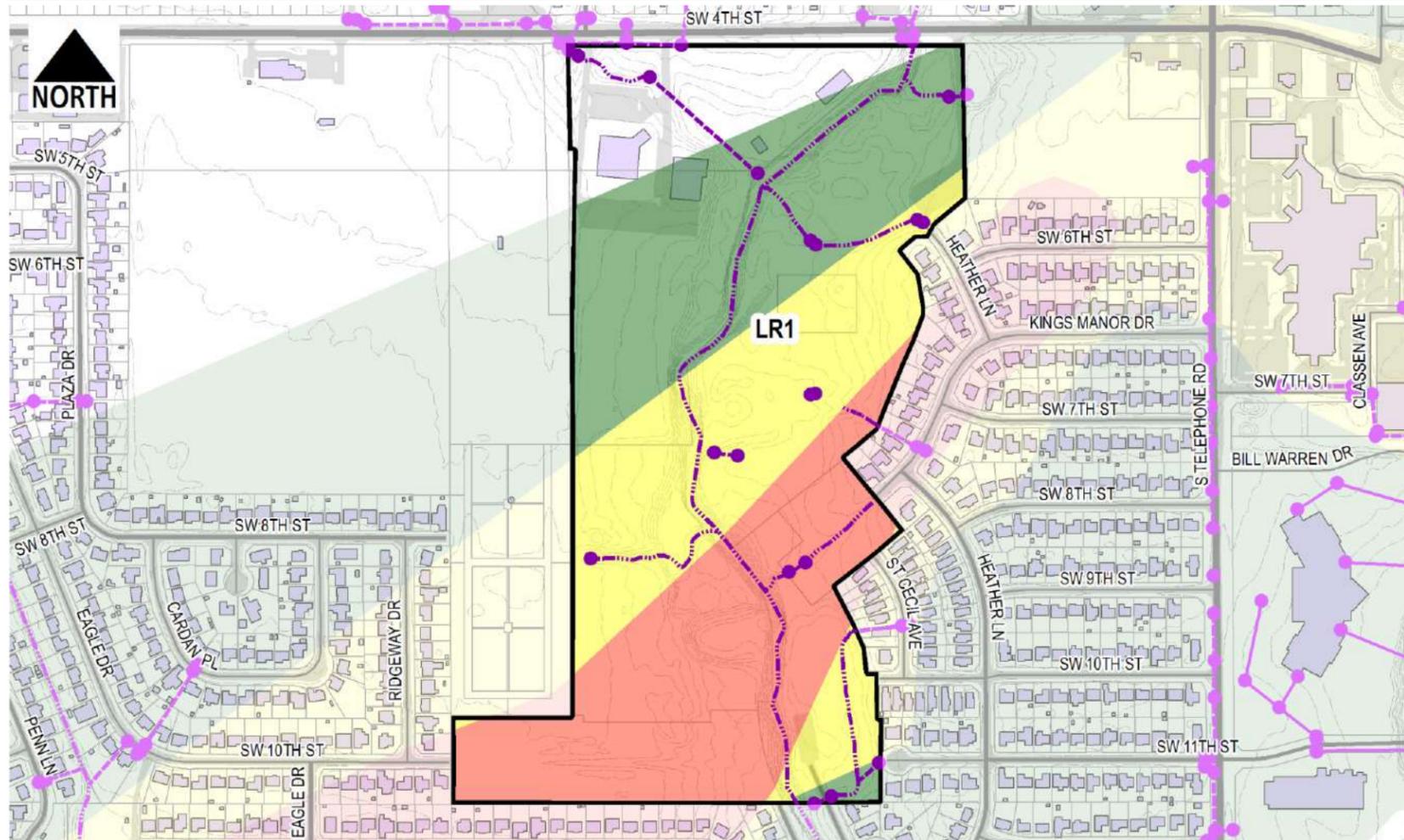
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1349			
Total Drainage Channel Length (ft)	5928			
Total Storm Sewer Structures (ea)	21			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1349	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	1349	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	21	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1422	0.20	10.00	1.95
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	5855	0.80	5.00	4.02
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	7277	1.00	2.00	2.00
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 12.98

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 0.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Little River
 Assessment Sub-Area LR1
 Infrastructure Category Drainage
 Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical Length	Weighting Factor	Score
Length within EF4 to EF5 Damage Area prior to disaster (ft)	94	0.07	10.00	0.70
Length within EF2 to EF4 Damage Area prior to disaster (ft)	141	0.10	5.00	0.52
Length within EF0 to EF2 Damage Area prior to disaster (ft)	395	0.29	2.00	0.59
Length Outside Damage Area prior to Disaster (ft)	719	0.53	1.00	0.53
Damage Score				2.34

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	108	0.08	10.00	0.80
Length within 0.25-mi of Emergency Response Facility (ft)	108	0.08	5.00	0.40
Proximity Score				1.20

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2016.04.1	0.00	10.00	0.00
Q11: Improvements would benefit LMI Census Block Group	Yes	1.00	5.00	5.00
LMI Score				5.00

Infrastructure Photographs

Health and Safety				
Description	Value	Score	Weighting Factor	Score
Q12: 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				
Description	Value	Score	Weighting Factor	Score
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00



Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: Opportunity for introduction of sustainable design concepts	No	0.00	5.00	0.00
Sustainability Score				0.00

Opportunity Score				
Project Description	Score	Weighting Factor	Score	Score
STREAM RESTORATION, FOREST & NATIVE GRASS RESTORATION PER PUBLIC COMMENT A	1.00	5.00	5.00	5.00
PT5: DRAINAGE IMPROVEMENTS, TERMINATION OF SW 8TH STREET	1.00	5.00	5.00	5.00
Opportunity Score				10.00

Infrastructure Rating Index (IRI) **37.02**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH1
 Infrastructure Category: Drainage
 Exhibit Group: E.4

Assessment Data

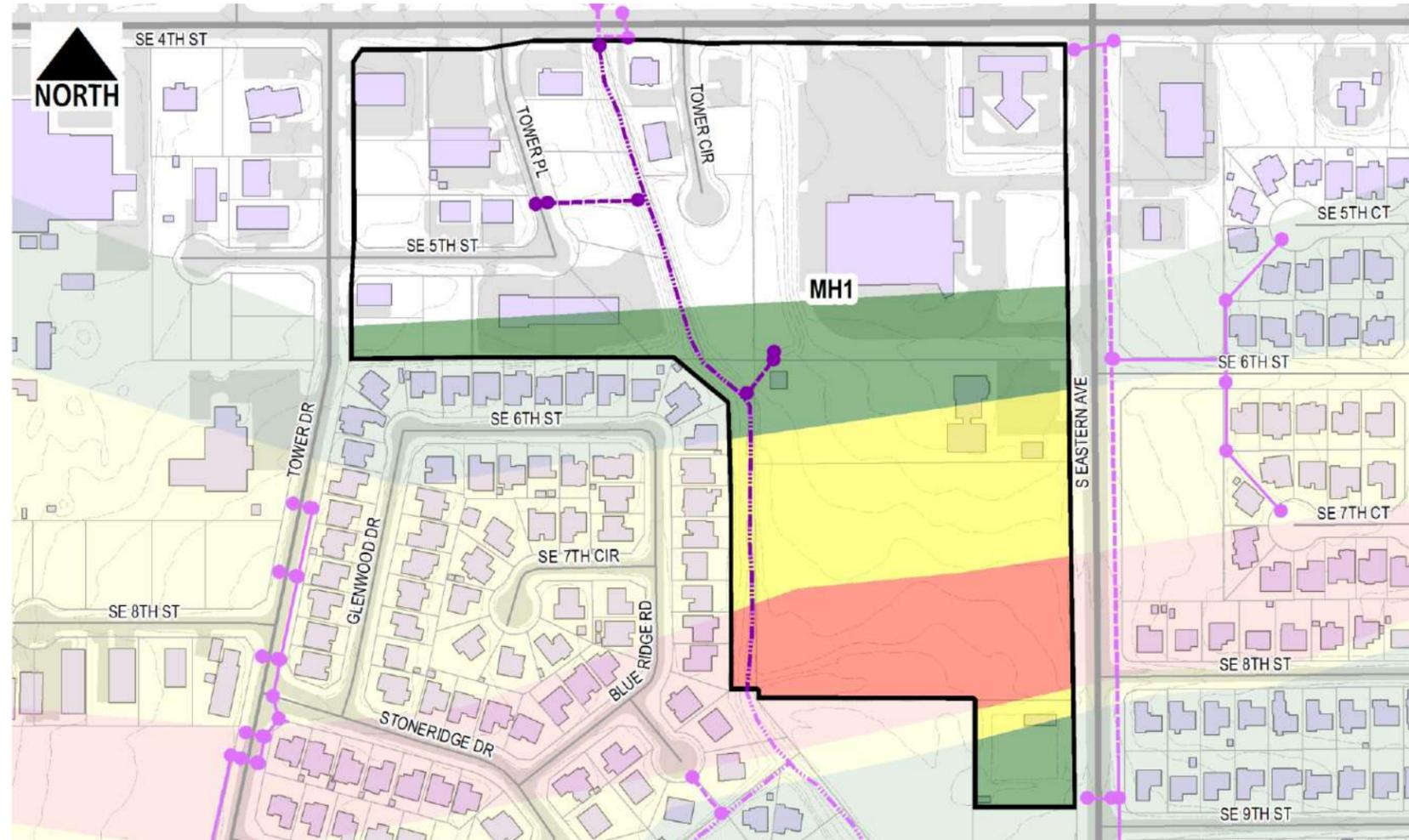
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	313			
Total Drainage Channel Length (ft)	1320			
Total Storm Sewer Structures (ea)	7			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	313	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	313	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	7	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	254	0.16	10.00	1.56
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	1379	0.84	5.00	4.22
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	1633	1.00	2.00	2.00
Age				
More than 20-years	214	0.68	10.00	6.84
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	99	0.32	1.00	0.32

Background Score 19.93

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	5	0.50	2.50
D4 - Insufficient armoring	3	0.50	1.50	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	1	0.50	0.50				

Condition Score 4.50



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH1
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	99	0.32	2.00	0.63
Length Outside Damage Area prior to Disaster (ft)	214	0.68	1.00	0.68
Damage Score				1.32

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	Yes	1.00	5.00	5.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				5.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	
MH1: DRAINAGE CHANNEL IMPROVEMENTS, EAST OF HUNTER'S GLENN AREA	1.00	5.00	5.00	
Opportunity Score				5.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	313	1.00	10.00	10.00
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				10.00

Infrastructure Photographs



Infrastructure Rating Index (IRI) **51.75**



City of Moore

Infrastructure Recovery and Implementation Plan

Infrastructure Assessment Form

Assessment Area: Madison Place / Hunter's Gl
 Assessment Sub-Area: MH2
 Infrastructure Category: Drainage
 Exhibit Group: E.4

Assessment Data

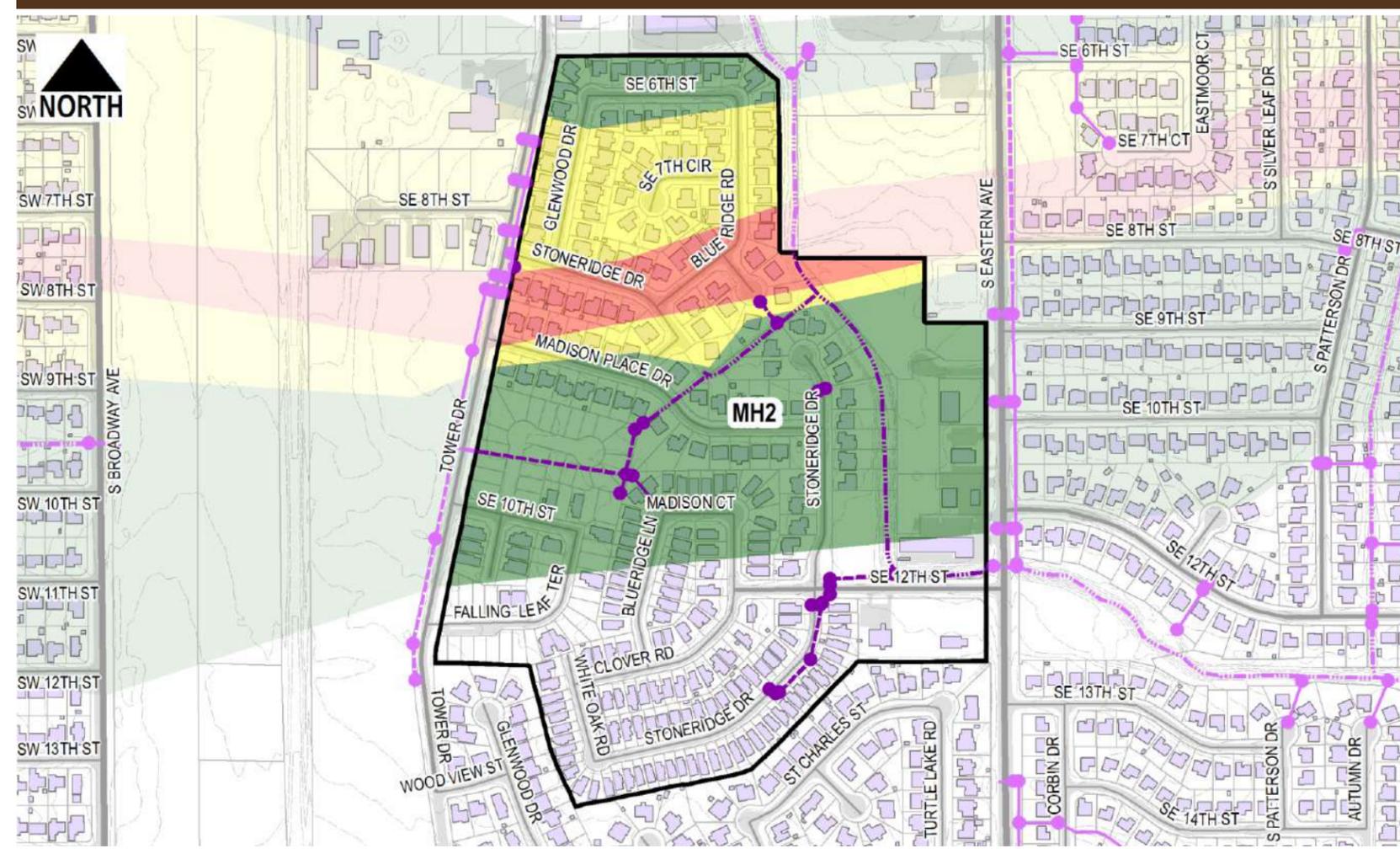
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	1724			
Total Drainage Channel Length (ft)	2192			
Total Storm Sewer Structures (ea)	22			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	52	0.03	10.00	0.30
Diameter 18-in to 30-in equivalent (ft)	87	0.05	5.00	0.25
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	1585	0.92	1.00	0.92
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	138	0.08	5.00	0.40
Length of Unknown (ft)	1585	0.92	2.00	1.84
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	22	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	3581	0.91	10.00	9.14
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	335	0.09	5.00	0.43
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	3916	1.00	2.00	2.00
Age				
More than 20-years	580	0.34	10.00	3.36
15 to 20-years	0	0.00	5.00	0.00
10 to 15-years	236	0.14	4.00	0.55
less than 10-years	733	0.43	2.00	0.85
Unknown	175	0.10	1.00	0.10

Background Score 22.15

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	0	0.50	0.00
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	21	0.50	10.50
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 11.00



City of Moore
Infrastructure Recovery and Implementation Plan
 Infrastructure Assessment Form

Assessment Area Madison Place / Hunter's Gl
Assessment Sub-Area MH2
Infrastructure Category Drainage
Exhibit Group E.4

Damage Score				
Description	Value	Fraction of Historical 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)	105	0.06	5.00	0.30
Length within EF0 to EF2 Damage Area prior to disaster (ft)	915	0.53	2.00	1.06
Length Outside Damage Area prior to Disaster (ft)	704	0.41	1.00	0.41
Damage Score				1.77

LMI Benefit				
Description	Value	Score	Weighting Factor	Score
Q10: Census Block Group	40027.2021.04.1	0.00	10.00	0.00
Q11: 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
Q12: 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
Q13: Opportunity to improve community aesthetic	No	0.00	5.00	0.00
Q14: Current condition may be deterring reinvestment	No	0.00	5.00	0.00
Q15: Historic capacity / load / design issue with infrastructure	No	0.00	10.00	0.00
Q16: Projected capacity issue with infrastructure	No	0.00	5.00	0.00
Q17: Projected maintenance issue with infrastructure	No	0.00	5.00	0.00
Recovery/Revitalization Score				0.00

Sustainability				
Description	Value	Score	Weighting Factor	Score
Q18: 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	
MH1: DRAINAGE CHANNEL IMPROVEMENTS, EAST OF HUNTER'S GLENN AREA	1.00	5.00	5.00	
SUB-AREA MH2: CONSTRUCTION OF NEW PUBLIC STORM SEWER THROUGHOUT SUB-AREA	1.00	5.00	5.00	
Opportunity Score				10.00

Proximity Analysis				
Description	Value	Fraction of Total Length	Weighting Factor	Score
Length within 0.25-mi of Critical User (ft)	1656	0.96	10.00	9.61
Length within 0.25-mi of Emergency Response Facility (ft)	0	0.00	5.00	0.00
Proximity Score				9.61

Infrastructure Photographs



Infrastructure Rating Index (IRI) **60.53**



City of Moore Infrastructure Recovery and Implementation Plan Infrastructure Assessment Form

Assessment Area North 4th Street
 Assessment Sub-Area N4A
 Infrastructure Category Drainage
 Exhibit Group E.4

Assessment Data

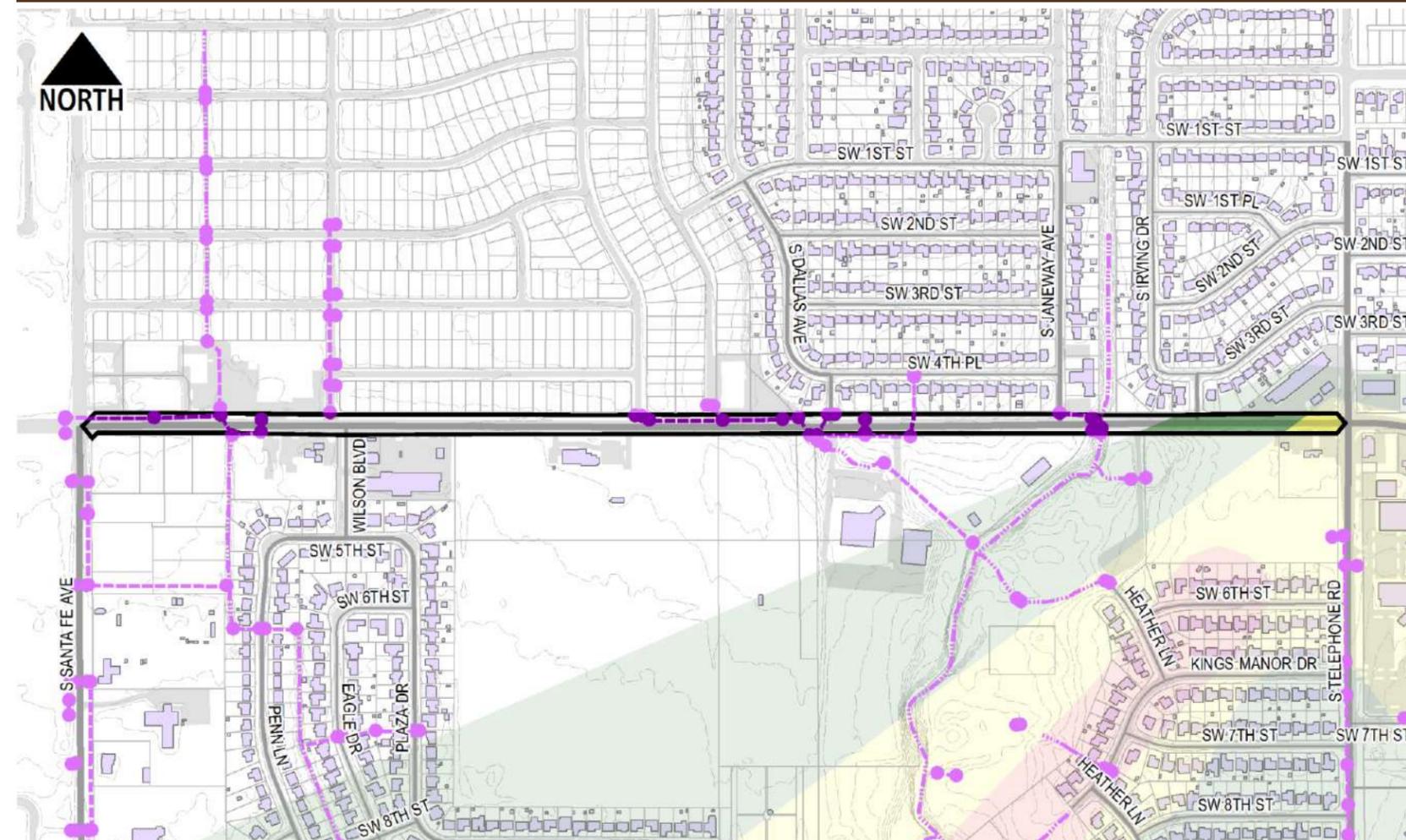
Description	Value
Assessment By	J.Cotton / A.Hartman
Date of Assessment	3/10/2015

Background Data

Description	Value	Fraction of Total Length	Weighting Factor	Score
Total Storm Sewer Line Length (ft)	2209			
Total Drainage Channel Length (ft)	44			
Total Storm Sewer Structures (ea)	23			
Line Size				
RCB	0	0.00	10.00	0.00
Diameter 36-in equivalent or greater (ft)	0	0.00	10.00	0.00
Diameter 18-in to 30-in equivalent (ft)	0	0.00	5.00	0.00
Diameter Less than 18-in equivalent (ft)	0	0.00	1.00	0.00
Diameter Unknown (ft)	2209	1.00	1.00	1.00
Material				
Length of Corrugated Metal (ft)	0	0.00	10.00	0.00
Length of Concrete (ft)	0	0.00	5.00	0.00
Length of Unknown (ft)	2209	1.00	2.00	2.00
Corrosion				
Structures within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Structures within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Structures within "Low Concrete Corrosion Potential" (ea)	23	1.00	2.00	2.00
Drainage Infrastructure within "High Steel Corrosion Potential" (ea)	1974	0.88	10.00	8.76
Drainage Infrastructure within "Medium Steel Corrosion Potential" (ea)	279	0.12	5.00	0.62
Drainage Infrastructure within "Low Steel Corrosion Potential" (ea)	0	0.00	2.00	0.00
Drainage Infrastructure within "High Concrete Corrosion Potential" (ea)	0	0.00	10.00	0.00
Drainage Infrastructure within "Medium Concrete Corrosion Potential" (ea)	0	0.00	5.00	0.00
Drainage Infrastructure within "Low Concrete Corrosion Potential" (ea)	2253	1.00	2.00	2.00
Age				
More than 20-years	661	0.30	10.00	2.99
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	1548	0.70	1.00	0.70

Background Score 20.07

Key Map



Condition Analysis

Description	Quantity	Weighting Factor	Score	Description	Quantity	Weighting Factor	Score
D1 - Grate or hood damage	0	0.50	0.00	D8 - Apparent previous maintenance	0	0.50	0.00
D2 - Improper inlet elevation	0	0.50	0.00	D9 - Channel maintenance required	1	0.50	0.50
D3 - Improper inlet placement	0	0.50	0.00	D10 - Channel damage from erosion	1	0.50	0.50
D4 - Insufficient armoring	0	0.50	0.00	D11 - exposed reinforcing steel	0	0.50	0.00
D5 - Indications of insufficient capacity	0	0.50	0.00	D12 - evidence of ponding	0	0.50	0.00
D6 - Brick Structure	0	0.50	0.00				
D7 - Damage Structure	0	0.50	0.00				

Condition Score 1.00