

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-001

PROJECT DESCRIPTION

Name:	19th St Detention Pond
Drainage Basin:	19th Street
Map Book Grid #:	J3
Category:	Storage
Type of Project:	Replacement of Existing Facilities
Description:	Construct new outlet structure and improve maintenance access.
Summary of Problem:	City has legal mandate to improve safety, maintenance, and access at the pond.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: In Design
 Project Classification: Class A
 Urgency of Project: High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 20
 Environmental Sustainability Score (10% weight): 3
 System Reliability Score (30% weight): 0
Total Weighted Score: 35

COST

Best Available Baseline Cost Year: 2012
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$393,313 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-002

PROJECT DESCRIPTION

Name:	31st Street Drainage Way, Phase 1
Drainage Basin:	Camp Creek
Map Book Grid #:	J2
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Replace existing undersized concrete channel with greenway - Fountain Creek to Fontanero.
Summary of Problem:	Safety, remove homes from floodplain, aesthetics
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	In Design
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	51

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$8,910,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-003

PROJECT DESCRIPTION

Name:	31st Street Drainage Way, Phase 2
Drainage Basin:	Camp Creek
Map Book Grid #:	J2
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Replace existing undersized concrete channel with greenway - Fontanero to Garden of the Gods.
Summary of Problem:	Safety, remove homes from floodplain, aesthetics
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	In Design
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	51

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$5,530,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-004

PROJECT DESCRIPTION

Name:	Cottonwood Creek - Academy to Union
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F6
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Construct flood control and stream restoration projects.
Summary of Problem:	Cottonwood Creek has experienced sever erosion and requires the design and construction of grade control structures and channel improvements to reduce erosion and damage to adjacent public and private property.
Source Document:	AMEC Earth & Environmental. 2009. Cotton Wood Creek Monument Creek to Academy Boulevard Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	12
Total Weighted Score:	49

COST

Best Available Baseline Cost Year:	2010
% Constructed:	40
Construction Normal or Difficult:	Normal
Project Cost:	\$5,753,740 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-005

PROJECT DESCRIPTION

Name:	Cottonwood Creek - Monument Creek to Academy
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Construct flood control and stream restoration projects - Reaches 4 and 5.
Summary of Problem:	Channel and bank instabilities through Reaches 1, 2a, 2b, 4, and 5.
Source Document:	AMEC Earth & Environmental. 2009. Cotton Wood Creek Monument Creek to Academy Boulevard Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	12
Total Weighted Score:	41

COST

Best Available Baseline Cost Year:	2009
% Constructed:	36
Construction Normal or Difficult:	Normal
Project Cost:	\$13,036,340 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-006

PROJECT DESCRIPTION

Name:	Doherty H.S. Channel/Inlets
Drainage Basin:	Templeton Gap
Map Book Grid #:	H8
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Replace inadequate channel and construct new storm sewer inlets.
Summary of Problem:	Runoff bypasses an existing channel and flows into high traffic roadways and intersection due to insufficient capacity in the existing channel. Existing channel is undersized to convey the 100-year storm event.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	18
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$3,994,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-007

PROJECT DESCRIPTION

Name:	Dry Creek Channel – Dairy Ranch Road to Carlson Drive
Drainage Basin:	Dry Creek
Map Book Grid #:	E3
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Construct stormwater channel and stream bank protection.
Summary of Problem:	Channel overgrown, inadequate conveyance, and cannot be maintained in its current state.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	18
Total Weighted Score:	47

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,352,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-009

PROJECT DESCRIPTION

Name:	El Sereno Drainage (Cheyenne Creek)/1931 Woodburn St.
Drainage Basin:	Southwest Area
Map Book Grid #:	M4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Construct new storm sewer system to address localized flooding; the drainage problem involves street runoff flowing across his property at 1931 Woodburn Street.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Aerial Photo
 Post Assessment Status: Planned
 Project Classification: Class B
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 12

COST

Best Available Baseline Cost Year: N/A
 % Constructed: N/A
 Construction Normal or Difficult: N/A
Project Cost: \$1,659,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-011

PROJECT DESCRIPTION

Name:	Monument Creek at Talamine
Drainage Basin:	Monument Creek
Map Book Grid #:	I4
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Stabilize eroding streambank.
Summary of Problem:	There is an exposed sanitary sewer line, steep banks near businesses, undercutting of toe of slope and bank erosion.
Source Document:	CH2M HILL. 2009. Monument Creek at Talamine Alternative Analysis.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	43

COST

Best Available Baseline Cost Year:	2009
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,752,131 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-013

PROJECT DESCRIPTION

Name:	King Street Detention Pond
Drainage Basin:	Westside
Map Book Grid #:	J2
Category:	Storage
Type of Project:	Replace Existing Facilities
Description:	Construct new outlet structure and improve maintenance access.
Summary of Problem:	Safety, improve maintenance and access
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	37

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$431,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-014

PROJECT DESCRIPTION

Name:	Pitkin Street Drainage - Platte to Boulder
Drainage Basin:	Shooks Run
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Construct storm sewer system to address localized flooding.
Summary of Problem:	Residences and businesses along Pitkin Street between Platte Avenue and Boulder Street have experienced flooding due to inadequate storm sewer capacity.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	18
Total Weighted Score:	30

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$185,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-015

PROJECT DESCRIPTION

Name:	Rockrimmon Channel
Drainage Basin:	North Douglas
Map Book Grid #:	F3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Study and construct drop structures to stabilize stream upstream of Centennial Boulevard.
Summary of Problem:	Restore channel (aerial shows erosion in open space), increase capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	21

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$3,720,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-016

PROJECT DESCRIPTION

Name:	S. Douglas Creek Critical Repairs
Drainage Basin:	South Douglas Creek
Map Book Grid #:	H2
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Repair or replace existing concrete channel.
Summary of Problem:	Failing concrete channel
Source Document:	Stantec Consulting Inc. 2009. Concept Design Report Douglas Creek Channel Restoration Study Centennial Boulevard to Garden of the Gods Road.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	12
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2009
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,263,467 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-017

PROJECT DESCRIPTION

Name:	N. Douglas Creek between I-25 and Monument Creek
Drainage Basin:	North Douglas
Map Book Grid #:	H3
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Repairs for channel and road undercutting; repair broken wing walls.
Summary of Problem:	Steep eroded banks close to roads, parking lots, and businesses
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	24
Total Weighted Score:	53

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$930,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-018

PROJECT DESCRIPTION

Name:	Sand Creek Downstream of Platte
Drainage Basin:	Sand Creek
Map Book Grid #:	K8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Construct stormwater drop structures, streambank protection.
Summary of Problem:	Channel stabilization needed
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	31

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,944,535 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-019

PROJECT DESCRIPTION

Name:	Shooks Run Culverts, Phase 1 Costilla
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Channel / Grade Control
Type of Project:	Replacement
Description:	Construct stormwater channel, culvert and streambank protection.
Summary of Problem:	Existing infrastructure does not fully contain the 100-year storm event, resulting in flooding and erosion damage to existing infrastructure and adjacent public and private property.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 18
Total Weighted Score: 34

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Difficult
Project Cost: \$2,643,525 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-020

PROJECT DESCRIPTION

Name:	Shooks Run Culverts, Phase 2 Platte to Boulder
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Construct stormwater channel, culvert and streambank protection.
Summary of Problem:	Major storm events cause flooding and erosion damage to existing infrastructure and adjacent public and private property.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	18
Total Weighted Score:	30

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$8,313,694 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-021

PROJECT DESCRIPTION

Name:	Templeton Gap Floodway
Drainage Basin:	Templeton Gap
Map Book Grid #:	I5
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Reconstruct levee and floodway.
Summary of Problem:	Capacity of the Templeton Gap Floodway requires upsizing to convey the 100-year event. As part of FEMA's Map Modernization program, flood protection levees are required to be certified. Additional capacity is required to get the Templeton Gap Floodway (a
Source Document:	Anderson Consulting Engineers, Inc. 2010. Templeton Gap Levee Rehabilitation Project Construction Drawings.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Aerial Photo
 Post Assessment Status: In Design
 Project Classification: Class A
 Urgency of Project: High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 8
 System Reliability Score (30% weight): 18
Total Weighted Score: 42

COST

Best Available Baseline Cost Year: 2009
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$10,626,551 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-022

PROJECT DESCRIPTION

Name:	535 Popes Valley Drive
Drainage Basin:	Popes Valley
Map Book Grid #:	G3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Repairs to address 150' long ravine on private property caused by runoff; modify run-on, add slope drain and fill ravine.
Summary of Problem:	Erosion on private property
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	32

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$241,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-023

PROJECT DESCRIPTION

Name:	1327 Arcadia
Drainage Basin:	Shooks Run
Map Book Grid #:	J4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Needs storm sewer; private property flooding.
Summary of Problem:	Private property flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	24
Total Weighted Score:	44

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$356,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-024

PROJECT DESCRIPTION

Name:	Mid Palmer Park Neighborhood (2602 P. Park)
Drainage Basin:	Shooks Run
Map Book Grid #:	J6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Needs storm sewer; private property flooding.
Summary of Problem:	Private property flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	24
Total Weighted Score:	44

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,915,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-025

PROJECT DESCRIPTION

Name:	Sand Creek West Fork - Main stem to Wooten
Drainage Basin:	Sand Creek
Map Book Grid #:	K8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Construct drop structures and streambank protection.
Summary of Problem:	Channel/bank erosion
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	31

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,173,257 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-030

PROJECT DESCRIPTION

Name:	Pond Retrofits
Drainage Basin:	Multiple
Map Book Grid #:	B4
Category:	Storage
Type of Project:	Replacement of Existing Facilities
Description:	Retrofit ponds upstream of the USAFA to full spectrum or multi-stage detention.
Summary of Problem:	Existing ponds not functioning to full potential
Source Document:	2011 CIP list per AFA concerns
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	14
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	0
Total Weighted Score:	36

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$724,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-032

PROJECT DESCRIPTION

Name:	Patty Jewett area/Royer-El Paso-Franklin Streets New Drainage System Phase I/ 725 E. Espanola St.
Drainage Basin:	Shooks Run
Map Book Grid #:	J4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Flat street grades suggest new drainage improvements on Royer Street, El Paso Street, with an outfall along Columbia Street to Shooks Run.
Summary of Problem:	Localized flooding
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	21

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$4,453,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-033

PROJECT DESCRIPTION

Name:	West Side area/1513 Manitou Blvd - Street Drainage Improvement
Drainage Basin:	Westside
Map Book Grid #:	K3
Category:	Storm Drain
Type of Project:	New Construction
Description:	Inadequate storm sewer and drainage improvements cause significant street flooding and localized property damage/erosion.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$260,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-034

PROJECT DESCRIPTION

Name:	Colorado Avenue - Midland RR Branch area/Chestnut Street Storm Drain Outfall
Drainage Basin:	Monument Creek
Map Book Grid #:	L3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Design and construct upgrade storm sewer system in Chestnut Street from Pikes Peak Avenue to south of Colorado Avenue and outfalling to Monument Creek or Fountain Creek.
Summary of Problem:	There is a need to increase the storm sewer capacity in this area.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$963,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-035

PROJECT DESCRIPTION

Name:	Monument Creek, Phase 1A & 1B: Fountain Creek to Bijou to Fillmore
Drainage Basin:	Monument Creek
Map Book Grid #:	J3
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	The banks and bottom of Monument Creek are experiencing significant erosion. Several areas are susceptible to flooding and property damage without future bank and creek bottom stabilization.
Summary of Problem:	Several areas are susceptible to flooding and property damage without future bank and creek bottom stabilization.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	12
Total Weighted Score:	41

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$25,718,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-036

PROJECT DESCRIPTION

Name:	Monument Creek, Phase II: Fillmore to I-25
Drainage Basin:	Monument Creek
Map Book Grid #:	I3
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	The banks and bottom of Monument Creek are experiencing significant erosion. Several areas are susceptible to flooding and property damage without future bank and creek bottom stabilization.
Summary of Problem:	Several areas are susceptible to flooding and property damage without future bank and creek bottom stabilization.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class B
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	47

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$39,313,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-037

PROJECT DESCRIPTION

Name:	Monument Creek, Phase III: I-25 to U.S. Air Force Academy Boundary
Drainage Basin:	Monument Creek
Map Book Grid #:	E4
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	The banks and bottom of Monument Creek are experiencing significant erosion. Several areas are susceptible to flooding and property damage without future bank and creek bottom stabilization.
Summary of Problem:	Several areas are susceptible to flooding and property damage without future bank and creek bottom stabilization.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	47

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$11,603,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-039

PROJECT DESCRIPTION

Name:	Sand Creek Channel Stabilization: Fountain to Airport drop structures
Drainage Basin:	Sand Creek
Map Book Grid #:	L8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Aggressive cutting is eroding the banks and creek bottom in this area. Drop structures are required to dissipate energy and limit future erosion.
Summary of Problem:	Channel stabilization needed
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	0
Total Weighted Score:	29

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,850,692 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-040

PROJECT DESCRIPTION

Name:	Sand Creek Channel Stabilization: Karr to West Fork Sand Creek Confluence
Drainage Basin:	Sand Creek
Map Book Grid #:	L8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	This area of the creek continues to cut deeper each year, threatening to undermine drop structures upstream. If lost, the drop structure directly downstream of the Platte Bridge over Sand Creek would cause the closure of Platte Avenue at that location.
Summary of Problem:	Drop structure at Karr built in 2012. Aerial doesn't indicate significant downcutting and erosion to banks. No nearby structures or infrastructure.
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	12
Total Weighted Score:	45

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,455,554 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-041

PROJECT DESCRIPTION

Name:	E. Fork Sand Creek from Mainstem Confluence to below Powers
Drainage Basin:	Sand Creek
Map Book Grid #:	L8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Aggressive cutting is eroding the banks and creek bottom in this area. Drop structures are required to dissipate energy and limit future erosion.
Summary of Problem:	Channel stabilization needed
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	0
Total Weighted Score:	29

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$7,353,739 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-045

PROJECT DESCRIPTION

Name:	Columbia Road Drainage
Drainage Basin:	Fountain Creek
Map Book Grid #:	J1
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Design and construct upgraded and new storm sewer facilities in Columbia Road and upgraded channel improvements west of Columbia Road from approximately Arnold Drive to Fountain Creek.
Summary of Problem:	Nuisance and cleanup problem. No evident or imminent erosion to cause potential damage to infrastructure.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	53

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$2,037,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-046

PROJECT DESCRIPTION

Name:	Wagner Park Channel
Drainage Basin:	Spring Creek
Map Book Grid #:	K7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Stabilize bank slopes and channel bottom to limit further erosion.
Summary of Problem:	Erosion along the channel due to the unstable bank and channel bed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	33

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,925,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-047

PROJECT DESCRIPTION

Name:	Pine Creek Channel Outfall into Monument Creek
Drainage Basin:	Pine Creek
Map Book Grid #:	E4
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Severe erosion behind The Margarita at Pine Creek Restaurant; a deep gorge has been formed by erosion.
Summary of Problem:	Erosion along the channel due to the unstable bank and channel bed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$2,796,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-049

PROJECT DESCRIPTION

Name:	Spring Creek Drainage Improvements: Golf Pond to Fountain
Drainage Basin:	Spring Creek
Map Book Grid #:	L6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Reconstruct the Major Springs Creek Drainage Channel and spillway between the Valley Hi golf course pond and Fountain Boulevard.
Summary of Problem:	Potential scour and erosion at the confluence of the Valley Hi golf course pond and Fountain Boulevard
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	29

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$3,264,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-050

PROJECT DESCRIPTION

Name:	Spring Creek Drainage Improvements: South of Pikes Peak Avenue
Drainage Basin:	Spring Creek
Map Book Grid #:	L7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Serious erosion of the channel bottom and banks downstream of Pikes Peak Avenue is creating safety concerns adjacent to the channel and potential property damage. Bottom and sides should be stabilized per Spring Creek Drainage Basin Planning Study.
Summary of Problem:	Erosion along the channel due to the unstable bank and channel bed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$2,458,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-053

PROJECT DESCRIPTION

Name:	Mesa Basin North Outfall: Chestnut Street to Monument Creek
Drainage Basin:	Mesa
Map Book Grid #:	J3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Erosion along Mesa Creek south of Caramillo Street impacts private property. Construction of channel stabilization improvements is required to limit erosion.
Summary of Problem:	Channel degradation
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	31

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$5,096,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-054a

PROJECT DESCRIPTION

Name:	Shooks Run - Bijou St. Culvert and Channel Stabilization - High Priority Project
Drainage Basin:	Shooks Run
Map Book Grid #:	L4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Design and construct new channel section to mitigate severe erosion just south of Bijou. Construct new culvert at Bijou St.
Summary of Problem:	Flooding due to inadequate capacity of existing channel
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	8
System Reliability Score (30% weight):	18
Total Weighted Score:	42

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$9,275,090 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-054b

PROJECT DESCRIPTION

Name:	Shooks Run Channel Costilla to Platte - DBPS "C"
Drainage Basin:	Shooks Run
Map Book Grid #:	L4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Design and construct new channel section to accommodate higher flows while limiting erosion and cutting.
Summary of Problem:	Flooding due to inadequate capacity of existing channel
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	8
System Reliability Score (30% weight):	18
Total Weighted Score:	42

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$32,944,683 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-056

PROJECT DESCRIPTION

Name:	Shooks Run North/Templeton Gap Drainage - drain piping capacity upgrade - Old Farm Circle
Drainage Basin:	Templeton Gap
Map Book Grid #:	G8
Category:	Storm Drain
Type of Project:	New Construction
Description:	New 36 and 48 inch pipe installed in Old Farm Drive, Old Farm Circle West, and Farmingdale Dr.
Summary of Problem:	Inadequate capacity in current infrastructure
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$751,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-057

PROJECT DESCRIPTION

Name:	N. Chelton Neighborhood Improvements - Shooks Run Basin & North Chelton Neighborhood Improvements - Van Buren Ditch / Monument Creek basin
Drainage Basin:	Shooks Run
Map Book Grid #:	I6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Project includes issues on Marlborough Road, Kent Lane, San Carlos Circle, as well as the properties on North Chelton Road. In addition, project CS-378 has been combined with this project and will address runoff and erosion from Palmer Park.
Summary of Problem:	Flooding due to runoff from the adjacent basin to the north, flooding due to inadequate local storm sewer infrastructure (inlets, pipes, etc.)
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	24
Total Weighted Score:	36

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,337,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-058

PROJECT DESCRIPTION

Name:	Airport/Chelton Drainage
Drainage Basin:	Spring Creek
Map Book Grid #:	L6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Construct upgrades and extensions to existing storm sewer system to pick up more storm flow and lessen impact to adjacent properties.
Summary of Problem:	Inadequate existing storm drainage system and flooding problem in the adjacent properties
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,349,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-059

PROJECT DESCRIPTION

Name:	Hancock Avenue Drainage
Drainage Basin:	Monument Creek
Map Book Grid #:	I5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Design and construct storm sewer and related drainage improvements in Hancock Avenue, Clinton Way, Institute Street, Prospect Street, and outfall to the Van Buren Ditch.
Summary of Problem:	Increased storm sewer capacity is needed in this area.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$3,583,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-060

PROJECT DESCRIPTION

Name:	Hancock Expressway Drainage
Drainage Basin:	Sand Creek
Map Book Grid #:	N8
Category:	Culvert
Type of Project:	Existing
Description:	Undersized culvert pipe is at improper grade underneath Hancock Expressway at Clarendon is causing localized street flooding. Replace RCP with box culvert at proper flow line, which is 30" too low.
Summary of Problem:	Storm sewer undersized
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$628,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-063

PROJECT DESCRIPTION

Name:	North Stone Avenue Drainage Improvements
Drainage Basin:	Monument Creek
Map Book Grid #:	I4
Category:	Storm Drain
Type of Project:	New Construction
Description:	The area is prone to flooding, ponding, and traffic problems during storm events. The first phase is along Stone Avenue from Fillmore to Winters Drive; the second phase is Stone Avenue at Winters Drive and Winters Drive itself.
Summary of Problem:	There is a need to increase the storm sewer capacity in this area.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$2,977,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-064

PROJECT DESCRIPTION

Name:	Mount Woodmen Court Drainage
Drainage Basin:	Dry Creek
Map Book Grid #:	E2
Category:	Storage
Type of Project:	Repair of Existing Facilities
Description:	The sedimentation pond outfalls directly onto private property, creating a ravine. Pond outfall requires redesign.
Summary of Problem:	Sedimentation pond outfalls directly onto private property creating a ravine. Pond outfall requires redesign. Just one property with local erosion. No structures threatened.
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	41

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$502,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-066

PROJECT DESCRIPTION

Name:	122 North Swope Alley Drainage
Drainage Basin:	Shooks Run
Map Book Grid #:	K5
Category:	Curb & Gutter
Type of Project:	Replacement of Existing Facilities
Description:	Reshape alley to facilitate drainage and limit flooding of private property.
Summary of Problem:	Flooding on private property due to inadequate drainage in alley
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	0
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$55,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-067

PROJECT DESCRIPTION

Name:	1780 S. 8th Street - Wolfe St. & 8th to Cheyenne Run
Drainage Basin:	Cheyenne Run
Map Book Grid #:	M3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Design and construct storm sewer system along Wolfe Avenue, 8th Street, etc. and outfall into Cheyenne Run.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,430,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-068

PROJECT DESCRIPTION

Name:	805 S. 8th Street at N.W. corner of 8th St. and Bear Creek
Drainage Basin:	Bear Creek
Map Book Grid #:	L3
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct additional storm sewer and inlets from Motor City Drive to Bear Creek on 8th Street.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$250,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-069

PROJECT DESCRIPTION

Name:	Anderosa/Belle Drive Drainage - Stampede/Bell/Red Mountain/Chapel Hills/Timberline Roads
Drainage Basin:	Pine Creek
Map Book Grid #:	E5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer improvements - inlets, pipe, asphalt pavement, surface restoration between properties off of Stampede Drive, Bell Drive, Red Mountain Drive, Chapel Hills Drive, and Timberline Road.
Summary of Problem:	Storm sewer drainage and roadway improvements are needed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,675,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-070

PROJECT DESCRIPTION

Name:	Anita Road and Mesa Lane Drainage
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct drainage improvements in Anita Road and possibly Mesa Lane to alleviate flooding problem.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$370,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-071

PROJECT DESCRIPTION

Name:	Briargate Boulevard at Vintage Drive - Storm Drain
Drainage Basin:	Pine Creek
Map Book Grid #:	E6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm drainage improvements on Vintage Drive and Briargate Boulevard outfalling to the detention pond on the south side of Briargate Boulevard.
Summary of Problem:	Storm sewer drainage improvement is needed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$372,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-072

PROJECT DESCRIPTION

Name:	Cache La Poudre at East Hills and Alexander Roads
Drainage Basin:	Shooks Run
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Demo existing curb and gutter at Cache La Poudre and East Hills Road, extend storm sewer south to existing storm sewer in East Hills Road and extend storm sewer east of Alexander Road in Cache La Poudre.
Summary of Problem:	Flooding in private property due to inadequate existing infrastructure
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$813,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-074

PROJECT DESCRIPTION

Name:	Dale, Yampa & Cedar Storm Drain
Drainage Basin:	Shooks Run
Map Book Grid #:	K5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Inadequate storm sewer contributes to structural flooding on Cedar Street. Storm drainage improvements will include storm sewer, inlets, surface restoration, utility adjustments, etc.
Summary of Problem:	Flooding on roadway due to inadequate infrastructure capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$2,903,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-075

PROJECT DESCRIPTION

Name:	Turret Drive Storm Drain with outlet to Dublin Channel
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct a storm sewer system on Turret Drive.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$542,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-076

PROJECT DESCRIPTION

Name:	East Cheyenne Road Drainage
Drainage Basin:	Southwest Area
Map Book Grid #:	M4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer facilities along E. Cheyenne Road from Southern Crossing Center.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,256,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-078

PROJECT DESCRIPTION

Name:	El Camino Drive Storm Drain
Drainage Basin:	Templeton Gap
Map Book Grid #:	G6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Extend storm sewer system from drainage channel along east side of shopping complex northerly in El Camino Drive to Fremont Elementary School site.
Summary of Problem:	Inadequate storm sewer infrastructure
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$614,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-079

PROJECT DESCRIPTION

Name:	Escarpardo Way and Inspiration Drive Drainage
Drainage Basin:	Sand Creek
Map Book Grid #:	I8
Category:	Storm Drain
Type of Project:	New Construction
Description:	Install new inlet at the Escarpardo Way cul-de-sac and larger storm sewer outfall system to Inspiration Drive.
Summary of Problem:	Storm sewer needed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$170,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-080

PROJECT DESCRIPTION

Name:	Garden Ranch Drive Drainage
Drainage Basin:	Templeton Gap
Map Book Grid #:	G6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct additional inlets at intersection of Garden Ranch Drive and Garden Way with larger storm sewer outfall near the intersection of Garden Ranch Drive and Union Boulevard.
Summary of Problem:	Inadequate inlet and stormsewer capacity/infrastructure
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$737,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-081

PROJECT DESCRIPTION

Name:	Las Vegas Street Wastewater Plant Drainage
Drainage Basin:	Fountain Creek
Map Book Grid #:	M4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Construct an extension of the storm sewer system westerly of Phase I construction on Las Vegas Street.
Summary of Problem:	Undersized storm sewer infrastructure
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class B
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 20
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 20

COST

Best Available Baseline Cost Year: N/A
 % Constructed: N/A
 Construction Normal or Difficult: N/A
Project Cost: \$606,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-082

PROJECT DESCRIPTION

Name:	Madison/Wahsatch Area Drainage
Drainage Basin:	Shooks Run
Map Book Grid #:	J4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Continue design and construction of new storm sewer and upgrading of existing facilities from Washington Street to Jackson Street and from Washington Avenue to Corona Street in accordance with the Madison/Wahsatch Drainage Study.
Summary of Problem:	Severe flooding in the Madison/Wahsatch and Wahsatch/Caramillo intersections (as well as other locations in the general area) due to antiquated and underdesigned drainage facilities
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	In Design
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	1986
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$11,794,836 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-083

PROJECT DESCRIPTION

Name:	Moreno/Weber Street Drainage
Drainage Basin:	Shooks Run
Map Book Grid #:	L4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Upgrade inlets and storm sewer from intersection easterly through private property to existing storm sewer northwesterly of Rio Grande Street and Wahsatch Avenue.
Summary of Problem:	Flooding due to inadequate capacity of existing infrastructure
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class B
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 18
Total Weighted Score: 34

COST

Best Available Baseline Cost Year: N/A
 % Constructed: N/A
 Construction Normal or Difficult: N/A
Project Cost: \$268,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-084

PROJECT DESCRIPTION

Name:	Nichols and El Paso Street Area
Drainage Basin:	Monument Creek
Map Book Grid #:	I4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Storm sewer extension north on El Paso St. to 530' north of Nichols Boulevard, cross pan, curb and gutter bordering Sleepy village Mobile Home Park, removal and replacement of inadequate inlet northwest of intersection.
Summary of Problem:	Increased storm sewer capacity is needed in this area
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$209,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-086

PROJECT DESCRIPTION

Name:	Pikes Peak Avenue at Academy Blvd.
Drainage Basin:	Spring Creek
Map Book Grid #:	L7
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer from intersection of Pikes Peak Ave. to Academy Blvd. south to Spring Creek Tributary.
Summary of Problem:	No storm drainage system between the intersection of Pikes Peak Avenue and Academy Boulevard to the south of spring creek tributary
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$361,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-087

PROJECT DESCRIPTION

Name:	Polk/Steel Streets Drainage
Drainage Basin:	Monument Creek
Map Book Grid #:	I3
Category:	Storm Drain
Type of Project:	New Construction
Description:	Construct Master Drainage Plan improvements proposed from I-25 to Monument Creek. Outfall improvement for portion of storm water improvements previously constructed in Mesa area.
Summary of Problem:	Outfall protection is required at storm sewer outfalls
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,206,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-088

PROJECT DESCRIPTION

Name:	Pando Road/Cheyenne Road/Florence Ave./Hancock Ave., Rand Ave to Slater Ave - Drainage
Drainage Basin:	Southwest Area
Map Book Grid #:	N5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer improvements on 1) Pando Road and branches north and south at east Cheyenne Road, and 2) Florence Avenue to slater Avenue and Branches north and south at East Cheyenne Road and Hancock Avenue. ALSO INCLUDE 1221 La Junta.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,148,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-089

PROJECT DESCRIPTION

Name:	Red Sky Drive and Heatherdale Drive
Drainage Basin:	Sand Creek
Map Book Grid #:	J8
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Design and construct adequate inlets at intersection and reconstruct/upgrade channel from intersection west 150' +/- to main channel.
Summary of Problem:	Storm sewer needed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$130,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-091

PROJECT DESCRIPTION

Name:	Scorpio Gulch - Box Culvert Upgrade at 21st Street
Drainage Basin:	Bear Creek
Map Book Grid #:	L2
Category:	Culvert
Type of Project:	Replace Existing Facilities
Description:	Design and construct replacement box culvert in accordance with the Bear Creek Drainage Basin Planning Study.
Summary of Problem:	Insufficient culvert capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$571,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-092

PROJECT DESCRIPTION

Name:	Scott/Winfield/Stratton Intersection Drainage Outfall to Cheyenne Creek
Drainage Basin:	Southwest Area
Map Book Grid #:	N2
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer system to pick up stormwater at the Stratton/Winfield intersection and convey to Cheyenne Creek via Stratton Avenue or obtain drainage easement across 1 1/2 Scott Street to Cheyenne Creek with construction of facilities in
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$683,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-093

PROJECT DESCRIPTION

Name:	Serendipity Circle Storm Drain Outfall to Radiant Drive Channel
Drainage Basin:	Sand Creek
Map Book Grid #:	I7
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer improvements from Serendipity Circle to Radiant Drive Channel.
Summary of Problem:	Storm sewer needed
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$445,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-094

PROJECT DESCRIPTION

Name:	Summerset Drive Storm Drain
Drainage Basin:	Pine Creek
Map Book Grid #:	D5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Extend existing storm sewer north of Trafalger Drive to approximately Williamsburg Drive.
Summary of Problem:	In need of storm sewer drainage improvement
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class B
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 12

COST

Best Available Baseline Cost Year: N/A
 % Constructed: N/A
 Construction Normal or Difficult: N/A
Project Cost: \$319,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-095

PROJECT DESCRIPTION

Name:	Tejon Street Storm Drain - Fountain Blvd to Fountain Creek (eliminates flooding on Las Vegas)
Drainage Basin:	Fountain Creek
Map Book Grid #:	L4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Modifications to the existing storm sewer in Tejon Street from Fountain Boulevard to Fountain Creek along with the construction of curb and gutter from Mill Street south to Las Vegas.
Summary of Problem:	Street flooding occurs on Las Vegas due to inadequate storm sewer system
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$3,509,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-096

PROJECT DESCRIPTION

Name:	Brenton Dr, Lyncrest Dr. and Tuckerman Lane Drainage
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Approximately 1000' of storm sewer and related appurtenances should be installed to convey storm water to existing drainage channel. Twelve citizens brought to Council's attention. Issues include foundation damages/saturated soils.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,242,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-097

PROJECT DESCRIPTION

Name:	Wahsatch Avenue at Brookside St (East end)/Hunter Drive Entrance to CMCA.
Drainage Basin:	Fountain Creek
Map Book Grid #:	M4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Stormwater runoff in larger storm events exceeds capacity of existing (recently-constructed) storm sewer improvements constructed by CMCA and maintained privately by CMCA as part of a 2006 Private Maintenance Agreement. Stormwater overtops existing curb.
Summary of Problem:	Flooding results from street flooding; undersized storm sewer system
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,776,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-098

PROJECT DESCRIPTION

Name:	Wentworth Drive and Chapman Drive - Intersection Drainage system
Drainage Basin:	Spring Creek
Map Book Grid #:	L7
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer inlet and storm sewer extension from intersection westerly in Wentworth Drive to existing storm sewer.
Summary of Problem:	No storm drainage system east of Wentworth Drive to Chapman Drive
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$369,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-099

PROJECT DESCRIPTION

Name:	Westgate - Cheyenne Mt. Blvd/Northgate Road/Pourtales Road
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Conduct drainage study of area and design/construct drainage improvements for improved conveyance of stormwater.
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$298,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-101

PROJECT DESCRIPTION

Name:	Winnepeg Drive Storm Drain from Sequoia Drive to Circle Drive
Drainage Basin:	Spring Creek
Map Book Grid #:	L6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Design and construct storm sewer facilities on Winnepeg Drive from approximately Sequoia Drive to existing system in Circle Drive.
Summary of Problem:	No storm drainage system along Winnepeg Drive between Sequoia Drive and Circle Drive
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,358,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-104

PROJECT DESCRIPTION

Name:	Tejon Street Storm Drain - from St. Vrain to Boulder
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Inadequate drainage causes localized flooding and property damage.
Summary of Problem:	Flooding and property damage
Source Document:	City of Colorado Springs. 2005. 2006-2010 Capital Improvements Program and Needs Assessment
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$362,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-105

PROJECT DESCRIPTION

Name:	Sand Creek Detention Pond 2
Drainage Basin:	Sand Creek
Map Book Grid #:	H9
Category:	Storage
Type of Project:	
Description:	Complete Detention Pond 2 on Sand Creek south of Barnes Road to get to 100-year capacity.
Summary of Problem:	Pond does not have enough storage capacity.
Source Document:	Tim Mitros
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	51

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$1,000,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-109

PROJECT DESCRIPTION

Name:	Dublin Blvd. and Dublin Cir.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Intersection does not drain well, corner properties flood. May be as a result of inlets plugging.
Summary of Problem:	Flooded Intersection
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$201,529 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-111

PROJECT DESCRIPTION

Name:	University Park Detention Pond Phase II
Drainage Basin:	Pulpit Rock
Map Book Grid #:	G5
Category:	Storage
Type of Project:	New Construction
Description:	University Village Pond outlet had contributed to a ravine that flows downstream between houses on Spurwood Court eroding private property.
Summary of Problem:	Erosion damage to existing channel from flows released from a nearby detention pond (University Park Detention Pond Phase II). Not causing imminent damage to homes.
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 3
 System Reliability Score (30% weight): 6
Total Weighted Score: 21

COST

Best Available Baseline Cost Year: 2012
 % Constructed: 0
 Construction Normal or Difficult: Difficult
Project Cost: \$4,081,658 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-112

PROJECT DESCRIPTION

Name:	2125 Golden Barrel Ct.
Drainage Basin:	North Douglas
Map Book Grid #:	F2
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Undersized sump drainage inlet. Stormwater has flooded basement and garage.
Summary of Problem:	Structure flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	22

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$134,710 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-117

PROJECT DESCRIPTION

Name:	Centennial Blvd. and Rising Moon Dr.
Drainage Basin:	North Douglas
Map Book Grid #:	E2
Category:	Storm Drain
Type of Project:	Maintenance
Description:	Hill transporting debris into Centennial and Rising Moon.
Summary of Problem:	Sediment blocking storm sewer system and depositing in residential area
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	32
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	18
Total Weighted Score:	50

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$95,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-119

PROJECT DESCRIPTION

Name:	Galley Rd. and N. Murray Blvd.
Drainage Basin:	Sand Creek
Map Book Grid #:	K7
Category:	Storm Drain
Type of Project:	New Construction
Description:	Flooding in intersection, needs storm sewer.
Summary of Problem:	Storm water/flooding
Source Document:	Design
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$620,528 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-125

PROJECT DESCRIPTION

Name:	3110 Wesley Pl
Drainage Basin:	Templeton Gap
Map Book Grid #:	H6
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Private property at end of cul-de-sac receives public water, overtops chase, washes away landscaping. Behind home, greencrest channel has steep banks. Potential landslide area.
Summary of Problem:	Runoff floods private property
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	27

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$57,771 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-128

PROJECT DESCRIPTION

Name:	Cottonwood Creek at Cowpoke and Tutt
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	D9
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Cottonwood Creek erosion is ~50 to 75' from reaching road improvements. Apparent flows overtop curb, eroding land adjacent to street.
Summary of Problem:	Creek erosion threatening street
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$173,115 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-130

PROJECT DESCRIPTION

Name:	Hancock Expressway Channel East of Astrozon
Drainage Basin:	Sand Creek
Map Book Grid #:	N7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Undermining of infrastructure.
Summary of Problem:	Broken concrete channel
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	41

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$70,526 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-131

PROJECT DESCRIPTION

Name:	North Douglas Creek at 4815 List Drive
Drainage Basin:	North Douglas
Map Book Grid #:	G2
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	A plugged underdrain has caused an isolated channel failure of a concrete trapezoidal ditch. Although the failure is isolated to the source of the failure, it has potential to expand since the subgrade is now exposed to live flows.
Summary of Problem:	Concrete channel failing
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	24

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$235,266 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-134

PROJECT DESCRIPTION

Name:	Rock Ridge Ct.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Curb & Gutter
Type of Project:	Replacement of Existing Facilities
Description:	24" pipe draining onto street causing wash out of landscaping.
Summary of Problem:	Street flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$38,200 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-137

PROJECT DESCRIPTION

Name:	902 Teal Ct.
Drainage Basin:	Spring Creek
Map Book Grid #:	L6
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Backup from creek floods adjacent parking lot. Creek needs excavation to provide more freeboard/storage.
Summary of Problem:	Several flooding issues due to vegetation growth in the channel, improper channel alignment, inadequate outfall structure. Residents (1998) complain that rear of complex smells very badly in the drainage ditch.
Source Document:	Tim Mitros
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class B
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 3
 System Reliability Score (30% weight): 0
Total Weighted Score: 29

COST

Best Available Baseline Cost Year: N/A
 % Constructed: N/A
 Construction Normal or Difficult: N/A
Project Cost: \$1,500,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-138

PROJECT DESCRIPTION

Name:	2439 Gunnison St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Gunnison Street drains onto private property. Damaging foundation and patios on two properties.
Summary of Problem:	Flooding onto private property from adjacent street
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 24
Total Weighted Score: 40

COST

Best Available Baseline Cost Year: 2012
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$75,982 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-139

PROJECT DESCRIPTION

Name:	Monument Creek Mobile Home Park
Drainage Basin:	Monument Creek
Map Book Grid #:	H4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Drainage is escaping the storm sewer system and eroding bank of monument creek.
Summary of Problem:	Drainage is escaping the storm sewer system and eroding bank of monument creek. There are steep banks near homes, trail and road.
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	47

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$468,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-141

PROJECT DESCRIPTION

Name:	Gillette St. and Shooks Run (Confluence of Shooks Run and Fountain Creek)
Drainage Basin:	Fountain Creek
Map Book Grid #:	M4
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete retaining wall has fallen into Shooks Run. Possibly part of Shooks run project scope.
Summary of Problem:	Riprap was installed to protect a 60" sewer main and is currently failing.
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	0
Total Weighted Score:	37

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$484,450 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-142

PROJECT DESCRIPTION

Name:	Tejon Railroad Bridge
Drainage Basin:	Fountain Creek
Map Book Grid #:	L4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Storm sewer failure under street. RTA may have resolved.
Summary of Problem:	Part of the existing CMP has been repaired under the railroad bridge, City wants to upgrade the pipe to RCP.
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$215,858 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-150

PROJECT DESCRIPTION

Name:	5555 Constitution Ct.
Drainage Basin:	Sand Creek
Map Book Grid #:	I8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Drainage ditch behind property is eroding onto property.
Summary of Problem:	Channel stabilization needed
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$750,476 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-155

PROJECT DESCRIPTION

Name:	W. Del Norte and Culebra Pl.
Drainage Basin:	Monument Creek
Map Book Grid #:	J3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Ineffective bubblers, intersection flooding.
Summary of Problem:	Flooded intersection
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$354,146 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-157

PROJECT DESCRIPTION

Name:	829 Alexander Rd.
Drainage Basin:	Shooks Run
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Water shoots across E. Cache La Poudre Street and onto property.
Summary of Problem:	Stormflow jumping from adjacent street onto a private property
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	18
Total Weighted Score:	30

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$34,760 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-158

PROJECT DESCRIPTION

Name:	6915 Cherrywood Dr.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F6
Category:	Storm Drain
Type of Project:	Repair and/or Maintenance
Description:	Water draining off Woodmen and flooding property.
Summary of Problem:	Property flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$448,346 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-161

PROJECT DESCRIPTION

Name:	2745 Kittridge Rd
Drainage Basin:	Dry Creek
Map Book Grid #:	D1
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Bubbler across cul de sac is ineffective.
Summary of Problem:	Street flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$97,337 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-165

PROJECT DESCRIPTION

Name:	La Fayette Rd. and Constitution Ave.
Drainage Basin:	Monument Creek
Map Book Grid #:	J5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Recurring flooding issue.
Summary of Problem:	Ineffective bubblers, intersection flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$193,137 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-166

PROJECT DESCRIPTION

Name:	N. Academy Blvd. and Lehman Dr.- Pine Hill in Erindale Park
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Townhomes receive runoff from public streets.
Summary of Problem:	Property flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$82,132 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-169

PROJECT DESCRIPTION

Name:	E. Monument St. and N. Cedar St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Bubblers are ineffective.
Summary of Problem:	No bubblers (East Monument Street and North Cedar Street)
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	24

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$53,319 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-176

PROJECT DESCRIPTION

Name:	Salano Ave. / W. Ramona Ave. / Apache Trl. intersection
Drainage Basin:	Southwest Area
Map Book Grid #:	M3
Category:	Storm Drain
Type of Project:	Repair of Existing Facilities
Description:	Flat grades result in icy road conditions.
Summary of Problem:	Standing water causes icy roads
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$126,456 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-178

PROJECT DESCRIPTION

Name:	Corner of E. Dale St. and N. Prospect St. - 804 E. Dale St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Non-standard pipe inlet on corner may be undersized. Water levels come close to apartments.
Summary of Problem:	Undersized inlet leads to high water levels and potential flooding to nearby apartments
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	27

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$59,890 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-179

PROJECT DESCRIPTION

Name:	19 Woodmen Lane
Drainage Basin:	Woodman
Map Book Grid #:	E3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Sand collects on Woodmen Road from the construction and then water starts to collect as more sand builds up.
Summary of Problem:	Street flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 16

COST

Best Available Baseline Cost Year: 2012
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$36,446 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-181

PROJECT DESCRIPTION

Name:	6896 Duke Drive
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Storm Drain
Type of Project:	New Construction
Description:	Citizen claims that when it rains the water collects at the end of her driveway and is eroding the street. She spoke to the Street Department as well, and they will send someone out to assess the situation.
Summary of Problem:	Street flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$125,450 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-182

PROJECT DESCRIPTION

Name:	3010 East Bijou
Drainage Basin:	Spring Creek
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Photos were delivered to SWENT that show an intersection that has poor drainage. Curb overtopping is evident. This is the intersection of Bijou and Arrawana. Bijou and Arlen is another inadequately draining intersection that we have received complaints
Summary of Problem:	Inadequate storm drainage system at the intersection of Arrawanaa Street and Bijou Street
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$484,749 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-185

PROJECT DESCRIPTION

Name:	2465 Sweet Water Ct. (Mountain Shadows)
Drainage Basin:	North Douglas
Map Book Grid #:	F1
Category:	Storm Drain
Type of Project:	Repair of Existing Facilities
Description:	Area behind property has eroded to expose 12" DIP and 24" steel water lines. This is in same area as issues on Rising moon Drive and Golden Barrel Court.
Summary of Problem:	Exposed water utility lines in area where concrete channel was proposed; previous improvements failing
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	12
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,140,457 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-188

PROJECT DESCRIPTION

Name:	Cottonwood Creek basin, N. of N. Academy Blvd & Vickers Dr. Drainage channel at Hollow Tree Ct.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Bottom of concrete channel is cracked and buckling upward in the middle.
Summary of Problem:	Channel failure
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	6
Total Weighted Score:	29

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$80,563 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-191

PROJECT DESCRIPTION

Name:	1808 Mid Rd
Drainage Basin:	Southwest Area
Map Book Grid #:	N2
Category:	Storm Drain
Type of Project:	New Construction
Description:	Chase section is directed at retaining wall, causing damage.
Summary of Problem:	Street overflows
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$82,848 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-195

PROJECT DESCRIPTION

Name:	Alley between Cooper Ave. and N. Chestnut St.
Drainage Basin:	Monument Creek
Map Book Grid #:	I3
Category:	Storm Drain
Type of Project:	New Construction
Description:	520 N. Cooper - Steve Blackwell of 520 and 524 N. Cooper is dealing with alley flooding that overtops the property lines and floods property with soil and debris.
Summary of Problem:	Property flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	22

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$108,918 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-198

PROJECT DESCRIPTION

Name:	2559 Ranch Lane / 2548 Garden Way
Drainage Basin:	Templeton Gap
Map Book Grid #:	G6
Category:	Storm Drain
Type of Project:	New Construction
Description:	Cul-de-sac inlet outfalls in back yard (12" CMP).
Summary of Problem:	Adjacent street inlet outfalls on private property. Apparently the developer did not connect the existing drain pipe to the storm drain system properly.
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	28

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$76,030 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-199

PROJECT DESCRIPTION

Name:	552 Asbury Pl
Drainage Basin:	Fountain Creek
Map Book Grid #:	M4
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	concrete swale in easement has sump condition.
Summary of Problem:	Existing concrete swale is failing; neighbors flooding from redirected flow
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$112,798 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-202

PROJECT DESCRIPTION

Name:	22 O Malley
Drainage Basin:	Southwest Area
Map Book Grid #:	M3
Category:	Storm Drain
Type of Project:	Repair of Existing Facilities
Description:	The inverted crown on Omalley Drive has been filled in from utility cuts and patches. Now the roadway has birdbaths that fill with sediment, forcing the drainage away from the centerline swale.
Summary of Problem:	Street flooding
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$61,401 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-203

PROJECT DESCRIPTION

Name:	3108 Deliverance Dr.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F6
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel behind property is becoming undermined.
Summary of Problem:	There are exposed rebar, pits and chunks of concrete missing in drainage channel behind home.
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	12
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$123,745 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-204

PROJECT DESCRIPTION

Name:	5272 Cliff Point Dr. W.
Drainage Basin:	Popes Valley
Map Book Grid #:	G3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	Owner is experiencing flooding in her basement from the street above. In that neighborhood, there is only one drainage inlet at the bottom of the hill by her house. She feels the inlet is not sufficient.
Summary of Problem:	Flooding on private property
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$40,160 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-212

PROJECT DESCRIPTION

Name:	Bijou and Arlen
Drainage Basin:	Spring Creek
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	New Construction
Description:	PPRTA replaced outdated curb and gutter and drive aprons with the City Standard structures. Arlen is steep and flows jump out of the gutter, across the new drive aprons, and washes out landscaping.
Summary of Problem:	Not adequate storm drainage system downstream to capture the bypass flows from west towards east at the intersection of Bijou Street and Arlen Street; bubbler incapable of capturing the flow
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$679,459 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-213

PROJECT DESCRIPTION

Name:	2385 Rossmere Dr.
Drainage Basin:	North Douglas
Map Book Grid #:	F2
Category:	Curb & Gutter
Type of Project:	Replacement of Existing Facilities
Description:	Flow jumps curb head on outside of curve.
Summary of Problem:	Flooding of private property
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$190,339 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-221

PROJECT DESCRIPTION

Name:	N. Douglas Creek N & S of Rendezvous, S of Crested Butte
Drainage Basin:	North Douglas
Map Book Grid #:	F2
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel repairs needed.
Summary of Problem:	Upheaval of channel bottom
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$261,038 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-222

PROJECT DESCRIPTION

Name:	Rockrimmon Channel at Rockrimmon/Pro Rodeo Int.
Drainage Basin:	North Douglas
Map Book Grid #:	G4
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Repair damage to channel at outlet.
Summary of Problem:	Repair outfall; other projects shown in the area: bridge/ culvert replacement and roadway improvements
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$97,475 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-224

PROJECT DESCRIPTION

Name:	Cheyenne Creek Channel downstream of Southgate Rd.
Drainage Basin:	Southwest Area
Map Book Grid #:	M4
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel repairs needed.
Summary of Problem:	Repair concrete channel
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	0
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	6
Total Weighted Score:	7

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$86,460 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-226

PROJECT DESCRIPTION

Name:	Templeton Gap Channel at Oro Blanco Dr.
Drainage Basin:	Templeton Gap
Map Book Grid #:	H8
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel repairs needed upstream and downstream.
Summary of Problem:	There is damage to existing channel, but homes are not in imminent danger.
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	12
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$117,462 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-227

PROJECT DESCRIPTION

Name:	Pine Creek Tributary at Misty Meadow Dr.
Drainage Basin:	Pine Creek
Map Book Grid #:	E7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel repairs needed downstream. Very poor condition on both sides of St. Helena Drive.
Summary of Problem:	Sediments deposition, exposed rebar, cracking of concrete at channel base, vegetation growth on the channel
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	0
Total Weighted Score:	23

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,002,686 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-228

PROJECT DESCRIPTION

Name:	Cottonwood Creek at Lehman Drive
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel bottom repairs needed.
Summary of Problem:	Channel failure
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	6
Total Weighted Score:	29

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$189,784 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-230

PROJECT DESCRIPTION

Name:	Douglas Creek Channel North at Pinon Park Dr
Drainage Basin:	North Douglas
Map Book Grid #:	G2
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Replace channel floor upstream and downstream.
Summary of Problem:	Upheaval of channel bottom
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	28

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,459,570 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-231

PROJECT DESCRIPTION

Name:	Unnamed Channel - Fountain Blvd 1/4 W. of Circle
Drainage Basin:	Spring Creek
Map Book Grid #:	L6
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Concrete channel repairs needed upstream and downstream.
Summary of Problem:	Concrete channel in deteriorated condition. Headwalls (both sides of fountain blvd) and inlet structure needs maintenance. Undersized inlets. The upper portion is heavily wooded and lower portion has a grass channel base.
Source Document:	PPRTA - Stantec Field Assessment (2010-2012)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 1
 System Reliability Score (30% weight): 0
Total Weighted Score: 23

COST

Best Available Baseline Cost Year: 2012
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$270,571 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-232

PROJECT DESCRIPTION

Name:	Park Vista
Drainage Basin:	Templeton Gap
Map Book Grid #:	H7
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Channel and box culvert construction required.
Summary of Problem:	This is an unengineered channel with no culvert beneath road. Flow will sheet flow from channel, over road, back into channel on other side.
Source Document:	Tim Mitros
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	4
System Reliability Score (30% weight):	18
Total Weighted Score:	34

COST

Best Available Baseline Cost Year:	2003
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$8,726,457 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-234

PROJECT DESCRIPTION

Name:	Delmonico Drive
Drainage Basin:	Monument Creek
Map Book Grid #:	F3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	1300' of 36" RCP needs replacement.
Summary of Problem:	Upgrade CMP storm sewer system
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
Post Assessment Status: Planned
Project Classification: Class A
Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 0
Legal Regulatory Score (20% weight): 0
Environmental Sustainability Score (10% weight): 0
System Reliability Score (30% weight): 6
Total Weighted Score: 6

COST

Best Available Baseline Cost Year: 2012
% Constructed: 0
Construction Normal or Difficult: Normal
Project Cost: \$570,950 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-235

PROJECT DESCRIPTION

Name:	Halleys Court
Drainage Basin:	Bear Creek
Map Book Grid #:	L2
Category:	Storm Drain
Type of Project:	Replace Existing Facilities
Description:	300' of 60" RCP needs replacement.
Summary of Problem:	Prevent collapse of overlying roadway
Source Document:	SWENT Database
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	28

COST

Best Available Baseline Cost Year:	2012
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$108,061 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-238

PROJECT DESCRIPTION

Name:	Lower Hancock Channel - Downstream
Drainage Basin:	Sand Creek
Map Book Grid #:	N7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	1500 LF channel stabilization, 2 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit/Aerial Review
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,228,112 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-239

PROJECT DESCRIPTION

Name:	Upper Hancock Channel - Hancock to Academy, 78+33 to 96+97
Drainage Basin:	Sand Creek
Map Book Grid #:	N7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	3 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	2013
% Constructed:	33
Construction Normal or Difficult:	Normal
Project Cost:	\$1,218,069 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-240

PROJECT DESCRIPTION

Name:	Lower Sand Creek Tributaries 2,3, and 4 - Main Stem to Academy
Drainage Basin:	Sand Creek
Map Book Grid #:	N7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	500 LF channel stabilization, 1520 LF storm drain
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$853,698 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-241

PROJECT DESCRIPTION

Name:	Chelton Road Channel - Academy to Chelton, 96+97 to 119+50
Drainage Basin:	Sand Creek
Map Book Grid #:	M7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	2 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	31

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,569,152 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-243

PROJECT DESCRIPTION

Name:	Fountain Blvd. Channel - Chelton Rd. to Fountain Blvd., 119+50 to 146+60
Drainage Basin:	Sand Creek
Map Book Grid #:	M7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	3 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Ayres Associates. 2013. Sand Creek Channel Improvements Hancock Expwy. to Platte Ave. East Fork to S. Powers Blvd. and West Fork to Wooten Road.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	2013
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,515,203 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-246

PROJECT DESCRIPTION

Name:	Sand Creek Lower Center Tributary - No Name to East Fork Tributary
Drainage Basin:	Sand Creek
Map Book Grid #:	L8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	800 LF channel stabilization, 3 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	37

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$447,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-252

PROJECT DESCRIPTION

Name:	Sand Creek Lower West Fork - Emory to Platte Ave.
Drainage Basin:	Sand Creek
Map Book Grid #:	K8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	1000 LF channel stabilization
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,347,994 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-254

PROJECT DESCRIPTION

Name:	Sand Creek Upper West Fork - Galley to Murray
Drainage Basin:	Sand Creek
Map Book Grid #:	K7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	1730 LF channel stabilization, 2 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	31

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,976,777 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-258

PROJECT DESCRIPTION

Name:	Galley Road Channel - Platte Ave. to Galley Rd., 270+00 to 300+00
Drainage Basin:	Sand Creek
Map Book Grid #:	K8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	6 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	ICON Engineering, Inc. 2010. Sand Creek Channel Stabilization East Platte Avenue to Constitution Avenue.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	In Design/Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2010
% Constructed:	50
Construction Normal or Difficult:	Normal
Project Cost:	\$2,552,701 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-259

PROJECT DESCRIPTION

Name:	Palmer Park Channel - Galley Rd. to Palmer Park, 300+00 to 345+00
Drainage Basin:	Sand Creek
Map Book Grid #:	J8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	13 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	ICON Engineering, Inc. 2010. Sand Creek Channel Stabilization East Platte Avenue to Constitution Avenue.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	12
Total Weighted Score:	45

COST

Best Available Baseline Cost Year:	2010
% Constructed:	25
Construction Normal or Difficult:	Normal
Project Cost:	\$6,496,775 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-261

PROJECT DESCRIPTION

Name:	Sand Creek Main Stem - segment 107, reach SC-5
Drainage Basin:	Sand Creek
Map Book Grid #:	I9
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	1700 LF channel stabilization
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,224,043 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-262

PROJECT DESCRIPTION

Name:	East Branch West Fork Sand Creek- West Fork to Galley Rd
Drainage Basin:	Sand Creek
Map Book Grid #:	K8
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	1550 LF channel stabilization with drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	6
Total Weighted Score:	31

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,174,158 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-265

PROJECT DESCRIPTION

Name:	Sand Creek Upper West Fork - Maizeland to South Carefree
Drainage Basin:	Sand Creek
Map Book Grid #:	I7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	3 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$414,128 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-267

PROJECT DESCRIPTION

Name:	Lower Sand Creek Tributary 1 - Main Stem to FMIC, ATSFRR
Drainage Basin:	Sand Creek
Map Book Grid #:	N6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	1000 LF channel stabilization
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$740,367 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-268

PROJECT DESCRIPTION

Name:	Las Vegas St. Channel - ATSF RR to Peterson Fld Trib.
Drainage Basin:	Sand Creek
Map Book Grid #:	N6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	700 LF channel stabilization, 2 drop structures
Summary of Problem:	Channel stabilization needed
Source Document:	Kiowa Engineering Corporation. 1996. Sand Creek Drainage Basin Planning Study Preliminary Design Report.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1996
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,522,257 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-269

PROJECT DESCRIPTION

Name:	Parkview Channel - Parkview to Arcturus
Drainage Basin:	Southwest Area
Map Book Grid #:	M3
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	1460 LF channel stabilization
Summary of Problem:	Originally increase capacity, now erosion control
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	20

COST

Best Available Baseline Cost Year:	1984
% Constructed:	30
Construction Normal or Difficult:	Normal
Project Cost:	\$376,530 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-272

PROJECT DESCRIPTION

Name:	Skyway Blvd - near pt 17A
Drainage Basin:	Southwest Area
Map Book Grid #:	M3
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	48"x76" HERCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$125,131 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-274

PROJECT DESCRIPTION

Name:	Cheyenne Road - near pt 13
Drainage Basin:	Southwest Area
Map Book Grid #:	N2
Category:	Storm Drain
Type of Project:	New Construction
Description:	1225 LF 18" to 30" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Aerial Photo
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 12

COST

Best Available Baseline Cost Year: 1984
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$351,452 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-275

PROJECT DESCRIPTION

Name:	Corona Street - near pt 36
Drainage Basin:	Southwest Area
Map Book Grid #:	M5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	920 LF 54" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$613,705 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-276

PROJECT DESCRIPTION

Name:	Walnut Channel - near pt 32
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	3030 LF channel stabilization
Summary of Problem:	Erosion control
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	26

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$843,396 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-278

PROJECT DESCRIPTION

Name:	Duistry Channel - to pt 38
Drainage Basin:	Southwest Area
Map Book Grid #:	N5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	1010 LF channel stabilization
Summary of Problem:	Originally increase capacity, now erosion control
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	22

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$480,565 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-279

PROJECT DESCRIPTION

Name:	Pt 38 Channel - pt 37 to 38
Drainage Basin:	Southwest Area
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	1530 LF channel stabilization
Summary of Problem:	Originally increase capacity, now erosion control
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 22

COST

Best Available Baseline Cost Year: 1984
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$599,612 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-280

PROJECT DESCRIPTION

Name:	Arvada Channel - Arvada to pt 39
Drainage Basin:	Southwest Area
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	4000 LF channel stabilization
Summary of Problem:	Originally increase capacity, now erosion control
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 0
Total Weighted Score: 22

COST

Best Available Baseline Cost Year: 1984
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$530,022 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-283

PROJECT DESCRIPTION

Name:	Brookside Area - near pt 19
Drainage Basin:	Southwest Area
Map Book Grid #:	M4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	920 LF 18" to 24" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$277,178 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-284

PROJECT DESCRIPTION

Name:	Arvada/Wahsatch
Drainage Basin:	Southwest Area
Map Book Grid #:	M4
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	2130 LF 18" to 36" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$760,151 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-285

PROJECT DESCRIPTION

Name:	Broadmoor Avenue - near pt 33
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Storm Drain
Type of Project:	New Construction
Description:	1720 LF 18" to 36" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$606,746 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-286

PROJECT DESCRIPTION

Name:	Cheyenne Mtn Road - near pt 32
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Storm Drain
Type of Project:	New Construction
Description:	2960 LF 24" to 42" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	16

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,235,464 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-287

PROJECT DESCRIPTION

Name:	Elm Ave/Seventh St - near pt 34A
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Storm Drain
Type of Project:	New Construction
Description:	1960 LF 18" to 36" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$704,960 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-288

PROJECT DESCRIPTION

Name:	Hancock/Florence/Rand - near pt 38
Drainage Basin:	Southwest Area
Map Book Grid #:	N5
Category:	Storm Drain
Type of Project:	New Construction
Description:	6190 LF 18" to 54" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,354,551 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-289

PROJECT DESCRIPTION

Name:	Cheyenne Road - near pt 39
Drainage Basin:	Southwest Area
Map Book Grid #:	M5
Category:	Storm Drain
Type of Project:	New Construction
Description:	5280 LF 18" to 54" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,473,204 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-290

PROJECT DESCRIPTION

Name:	Aspen St - near pt 37
Drainage Basin:	Southwest Area
Map Book Grid #:	M5
Category:	Storm Drain
Type of Project:	New Construction
Description:	1170 LF 18" to 24" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$332,106 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-292

PROJECT DESCRIPTION

Name:	Sycamore - near pt 34A
Drainage Basin:	Southwest Area
Map Book Grid #:	N3
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	60" RCP with wingwalls
Summary of Problem:	Insufficient culvert capacity
Source Document:	Lincoln Devore, Inc. 1984. Engineering Study of Southwest Area Drainage Basin (Cheyenne Creek, Cheyenne Run, and Spring Run)
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1984
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$55,891 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-293

PROJECT DESCRIPTION

Name:	Bear Creek, Reaches 1-5
Drainage Basin:	Bear Creek
Map Book Grid #:	L2
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	6650 LF riprap channel lining, 14 drop structures
Summary of Problem:	Erosion and grade control
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	0
Total Weighted Score:	33

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$6,389,170 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-294

PROJECT DESCRIPTION

Name:	Constellation Gulch, Reach 6
Drainage Basin:	Bear Creek
Map Book Grid #:	M2
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	1075 LF riprap channel lining, 8 drop structures
Summary of Problem:	Erosion and grade control
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$705,571 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-295

PROJECT DESCRIPTION

Name:	Constellation Gulch, Reach 7
Drainage Basin:	Bear Creek
Map Book Grid #:	M2
Category:	Storm Drain
Type of Project:	New Construction
Description:	3610 LF 18" to 60" RCP with inlets
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Partially Constructed
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$688,870 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-296

PROJECT DESCRIPTION

Name:	Skway Gulch, Reach 12
Drainage Basin:	Bear Creek
Map Book Grid #:	L2
Category:	Storm Drain
Type of Project:	New Construction
Description:	1930 LF 18" to 36" RCP with inlets
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$337,961 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-297

PROJECT DESCRIPTION

Name:	Scorpio Gulch, Reach 8
Drainage Basin:	Bear Creek
Map Book Grid #:	M2
Category:	Storm Drain
Type of Project:	New Construction
Description:	2390 LF 18" to 42" RCP with inlets
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$556,951 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-299

PROJECT DESCRIPTION

Name:	Gold Camp Rd. Stabilization, Reach 13
Drainage Basin:	Bear Creek
Map Book Grid #:	L1
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	6040 LF channel lining, 8 drop structures
Summary of Problem:	Erosion and grade control
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	28

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$706,400 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-300

PROJECT DESCRIPTION

Name:	Gold Camp Rd. Storm Sewer, Reach 13
Drainage Basin:	Bear Creek
Map Book Grid #:	M1
Category:	Storm Drain
Type of Project:	New Construction
Description:	1580 LF 30" to 48" RCP w/ inlets & 4x7 CBC
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	1991
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$471,911 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-303

PROJECT DESCRIPTION

Name:	8th St. Outfall Storm Sewer
Drainage Basin:	Bear Creek
Map Book Grid #:	L3
Category:	Storm Drain
Type of Project:	New Construction
Description:	2455 LF 18" to 48" RCP/inlets
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	Kiowa Engineering Corporation. 1991. Bear Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Aerial Photo
Post Assessment Status: Planned
Project Classification: Class A
Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
Legal Regulatory Score (20% weight): 0
Environmental Sustainability Score (10% weight): 0
System Reliability Score (30% weight): 0
Total Weighted Score: 12

COST

Best Available Baseline Cost Year: 1991
% Constructed: 0
Construction Normal or Difficult: Normal
Project Cost: \$694,781 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-306a

PROJECT DESCRIPTION

Name:	Fountain Creek - W. Cimmaron St. to N end of Drake Power Plant - High Priority Reach 1 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	L3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Bank Reconstruction and Drop Structure
Summary of Problem:	Steep eroded banks along channel, exposed, abandoned sewer line
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	47

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$495,032 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-306b

PROJECT DESCRIPTION

Name:	Fountain Creek - W. Cimmaron St. to N end of Drake Power Plant
Drainage Basin:	Fountain Creek
Map Book Grid #:	L3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization
Summary of Problem:	Steep eroded banks along channel, exposed, abandoned sewer line
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	47

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$783,526 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-307a

PROJECT DESCRIPTION

Name:	Fountain Creek - N end Drake Power Plant to south end of Drake Power Plant - High Priority Reach 2 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	L3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Outfall Reconstruction
Summary of Problem:	High velocities resulting in erosion and downcutting of the channel
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	51

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$330,352 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-307b

PROJECT DESCRIPTION

Name:	Fountain Creek - N end Drake Power Plant to south end of Drake Power Plant
Drainage Basin:	Fountain Creek
Map Book Grid #:	L3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel Stabilization
Summary of Problem:	High velocities resulting in erosion and downcutting of the channel
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	51

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,581,773 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-308a

PROJECT DESCRIPTION

Name:	Fountain Creek - Drake Power Plant to S. Tejon St. - High Priority Reach 3 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	L3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Evaluation of safety for 4 existing drop structures at LVWWTP
Summary of Problem:	High velocities resulting in erosion and downcutting of the channel. As well as wall failure along bank
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	43

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$858,547 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-308b

PROJECT DESCRIPTION

Name:	Fountain Creek - Drake Power Plant to S. Tejon St.
Drainage Basin:	Fountain Creek
Map Book Grid #:	L3
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization
Summary of Problem:	High velocities resulting in erosion and downcutting of the channel. As well as wall failure along bank
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	20
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	43

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$925,737 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-309a

PROJECT DESCRIPTION

Name:	Fountain Creek - S. Tejon St. to Shooks Run - High Priority Reach 4 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	M4
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Drop Structure
Summary of Problem:	Vertical degradation of the stream and sanitary sewers at the risk of being exposed
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$345,713 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-309b

PROJECT DESCRIPTION

Name:	Fountain Creek - S. Tejon St. to Shooks Run
Drainage Basin:	Fountain Creek
Map Book Grid #:	M4
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization
Summary of Problem:	Vertical degradation of the stream and sanitary sewers at the risk of being exposed
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,523,203 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-310a

PROJECT DESCRIPTION

Name:	Fountain Creek - Shooks Run to Fountain Mutual Canal - High Priority Reach 5 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Drop Structure, property acquisition and Channel Stabilization
Summary of Problem:	Erosion and sediment deposition. Channel banks are documented as being unstable.
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$4,403,240 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-310b

PROJECT DESCRIPTION

Name:	Fountain Creek - Shooks Run to Fountain Mutual Canal
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization
Summary of Problem:	Erosion and sediment deposition. Channel banks are documented as being unstable.
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$7,275,223 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-311a

PROJECT DESCRIPTION

Name:	Fountain Creek - Fountain Mutual Canal to US 24 Bypass - High Priority Reach 6 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Drop Safety Evaluation
Summary of Problem:	High velocities resulting in erosion and downcutting of the channel. WWTP in 100-year floodplain? Utilities are vulnerable, transmission towers
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 7
 System Reliability Score (30% weight): 6
Total Weighted Score: 39

COST

Best Available Baseline Cost Year: 2011
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$9,342,299 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-311b

PROJECT DESCRIPTION

Name:	Fountain Creek - Fountain Mutual Canal to US 24 Bypass
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization, 2 drop structures
Summary of Problem:	High velocities resulting in erosion and downcutting of the channel. WWTP in 100-year floodplain? Utilities are vulnerable, transmission towers
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$432,275 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-312a

PROJECT DESCRIPTION

Name:	Fountain Creek - US 24 Bypass to Spring Creek - High Priority Reach 7 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Drop Safety Evaluation
Summary of Problem:	Extreme erosion and safety concerns throughout the reach. Utilities are vulnerable, transmission towers
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$729,439 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-312b

PROJECT DESCRIPTION

Name:	Fountain Creek - US 24 Bypass to Spring Creek
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization, 2 drop structures
Summary of Problem:	Extreme erosion and safety concerns throughout the reach. Utilities are vulnerable, transmission towers
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,838,441 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-313a

PROJECT DESCRIPTION

Name:	Fountain Creek - Spring Creek to Mobile Home Park - High Priority Reach 8 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel Realignment and Drop Structure
Summary of Problem:	Vertical degradation of the stream, lateral migration of the creek resulting in encroachment to existing electric transmission towers (2)
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,038,667 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-313b

PROJECT DESCRIPTION

Name:	Fountain Creek - Spring Creek to Mobile Home Park
Drainage Basin:	Fountain Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel Stabilization
Summary of Problem:	Vertical degradation of the stream, lateral migration of the creek resulting in encroachment to existing electric transmission towers (2)
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 7
 System Reliability Score (30% weight): 6
Total Weighted Score: 39

COST

Best Available Baseline Cost Year: 2011
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$1,707,893 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-314a

PROJECT DESCRIPTION

Name:	Fountain Creek - Mobile Home Park to N end El Pomar Sports Park - High Priority Reach 9 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	N6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	2 Drop Structures, Channel realignment, Brudge Abutment Protection, and bank protection
Summary of Problem:	Erosion at Circle Drive Bridge along banks, extends 800 LF upstream. High vertical banks observed, 10 to 30'
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$633,807 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-314b

PROJECT DESCRIPTION

Name:	Fountain Creek - Mobile Home Park to N end El Pomar Sports Park
Drainage Basin:	Fountain Creek
Map Book Grid #:	N6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization
Summary of Problem:	Erosion at Circle Drive Bridge along banks, extends 800 LF upstream. High vertical banks observed, 10 to 30'
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,538,135 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-315a

PROJECT DESCRIPTION

Name:	Fountain Creek - N end El Pomar Sports Park to S end El Pomar Sports Park - High Priority Reach 10 Projects
Drainage Basin:	Fountain Creek
Map Book Grid #:	N6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Formalize existing drop structure
Summary of Problem:	Erosion along banks adjacent to El Pomar Park
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	39

COST

Best Available Baseline Cost Year:	2011
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$381,991 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-315b

PROJECT DESCRIPTION

Name:	Fountain Creek - N end El Pomar Sports Park to S end El Pomar Sports Park
Drainage Basin:	Fountain Creek
Map Book Grid #:	N6
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Channel stabilization
Summary of Problem:	Erosion along banks adjacent to El Pomar Park
Source Document:	WHPacific. 2009. Fountain Creek Stabilization & Restoration Plan Monument Creek to the Colorado Springs Southern City Limit.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 10
 Environmental Sustainability Score (10% weight): 7
 System Reliability Score (30% weight): 6
Total Weighted Score: 39

COST

Best Available Baseline Cost Year: 2009
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$4,102,163 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-319

PROJECT DESCRIPTION

Name:	Shooks Run - Las Vegas St.
Drainage Basin:	Shooks Run
Map Book Grid #:	L4
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	Culvert construction
Summary of Problem:	Flooding and erosion damage due to inadequate capacity of existing culvert
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 6
Total Weighted Score: 18

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Difficult
Project Cost: \$1,915,598 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-320

PROJECT DESCRIPTION

Name:	Shooks Run - Fountain Blvd.
Drainage Basin:	Shooks Run
Map Book Grid #:	L4
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	Culvert construction
Summary of Problem:	Flooding and erosion damage due to inadequate capacity of existing culvert
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,647,008 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-321

PROJECT DESCRIPTION

Name:	Shooks Run - Willamette St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	Culvert construction
Summary of Problem:	Flooding and erosion damage due to inadequate capacity of existing culvert
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 6
Total Weighted Score: 18

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$1,950,427 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-322

PROJECT DESCRIPTION

Name:	Shooks Run - Cache La Poudre St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	Culvert construction
Summary of Problem:	Flooding and erosion damage due to inadequate capacity of existing culvert
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 6
Total Weighted Score: 18

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$2,124,572 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-323

PROJECT DESCRIPTION

Name:	Shooks Run - St. Vrain St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	Culvert construction
Summary of Problem:	Flooding and erosion damage due to inadequate capacity of existing culvert
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 0
 System Reliability Score (30% weight): 6
Total Weighted Score: 18

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$975,213 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-324

PROJECT DESCRIPTION

Name:	Shooks Run - San Miquel St.
Drainage Basin:	Shooks Run
Map Book Grid #:	J4
Category:	Culvert
Type of Project:	Replacement of Existing Facilities
Description:	Culvert construction
Summary of Problem:	Flooding and erosion damage due to inadequate capacity of existing culvert
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$592,094 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-325

PROJECT DESCRIPTION

Name:	Shooks Run - Boulder St. /Willamette St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Channel stabilization
Summary of Problem:	Flooding and erosion damage due to inadequate capacity and lack of stabilization measures in existing channel.
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 12
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 4
 System Reliability Score (30% weight): 6
Total Weighted Score: 22

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Difficult
Project Cost: \$5,172,114 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-326

PROJECT DESCRIPTION

Name:	Shooks Run - Cache La Poudre St. to Patty Jewett Golf Course
Drainage Basin:	Shooks Run
Map Book Grid #:	J5
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Channel stabilization
Summary of Problem:	Flooding and erosion damage due to inadequate capacity and lack of stabilization measures in existing channel.
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	8
System Reliability Score (30% weight):	6
Total Weighted Score:	26

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Difficult
Project Cost:	\$34,519,070 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-327

PROJECT DESCRIPTION

Name:	Shooks Run - Fountain Creek to Abandoned RR
Drainage Basin:	Shooks Run
Map Book Grid #:	L4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Channel stabilization
Summary of Problem:	Flooding and erosion damage due to inadequate capacity and lack of stabilization measures in existing channel.
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	4
System Reliability Score (30% weight):	6
Total Weighted Score:	22

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$835,897 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-328

PROJECT DESCRIPTION

Name:	Shooks Run - Willamette St. to Cache La Poudre St.
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Channel stabilization
Summary of Problem:	Flooding and erosion damage due to inadequate capacity and lack of stabilization measures in existing channel.
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	4
System Reliability Score (30% weight):	6
Total Weighted Score:	22

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$417,949 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-329

PROJECT DESCRIPTION

Name:	Shooks Run - Patty Jewett Golf Course
Drainage Basin:	Shooks Run
Map Book Grid #:	J5
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Channel stabilization
Summary of Problem:	Flooding and erosion damage due to inadequate capacity and lack of stabilization measures in existing channel.
Source Document:	Wilson and Company. 1993. Drainage Basin Planning Study Shooks Run.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment: Field Visit
 Post Assessment Status: Planned
 Project Classification: Class A
 Urgency of Project: High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight): 16
 Legal Regulatory Score (20% weight): 0
 Environmental Sustainability Score (10% weight): 8
 System Reliability Score (30% weight): 6
Total Weighted Score: 30

COST

Best Available Baseline Cost Year: 1993
 % Constructed: 0
 Construction Normal or Difficult: Normal
Project Cost: \$2,751,495 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-330

PROJECT DESCRIPTION

Name:	Fairfax Tributary Detention Pond - Research Parkway at Powers
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	D8
Category:	Storage
Type of Project:	New Construction
Description:	Construct New Detention Pond
Summary of Problem:	Pond required to reduce peak flows in the downstream direction
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	6
Total Weighted Score:	54

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$391,832 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-331

PROJECT DESCRIPTION

Name:	Austin Bluffs Tributary Detention Pond - Upstream of Research
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	D7
Category:	Storage
Type of Project:	New Construction
Description:	Construct New Detention Pond
Summary of Problem:	Pond required to reduce peak flows in the downstream direction
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	6
Total Weighted Score:	54

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$742,418 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-332

PROJECT DESCRIPTION

Name:	Cottonwood Creek Detention Pond - Bridle Pass Drive
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	E7
Category:	Storage
Type of Project:	New Construction
Description:	Construct New Detention Pond
Summary of Problem:	Pond required to reduce peak flows in the downstream direction
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	6
Total Weighted Score:	54

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,567,327 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-333

PROJECT DESCRIPTION

Name:	Rangewood Tributary Detention Pond at Dublin Blvd.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F7
Category:	Storage
Type of Project:	New Construction
Description:	Construct New Detention Pond
Summary of Problem:	Pond required to reduce peak flows in the downstream direction
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	6
Total Weighted Score:	54

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$659,927 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-334

PROJECT DESCRIPTION

Name:	Cottonwood Creek Detention Pond - Cottonwood Park (west side)
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F7
Category:	Storage
Type of Project:	New Construction
Description:	Construct New Detention Pond
Summary of Problem:	Pond required to reduce peak flows in the downstream direction
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	6
Total Weighted Score:	54

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,712,090 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-335

PROJECT DESCRIPTION

Name:	South Pine Creek Detention Pond - Lexington at Bordeaux
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	E6
Category:	Storage
Type of Project:	New Construction
Description:	Construct New Detention Pond
Summary of Problem:	Pond required to reduce peak flows in the downstream direction
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	6
Total Weighted Score:	54

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$453,700 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-336

PROJECT DESCRIPTION

Name:	Cottonwood Creek - Austin Bluffs to Powers
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	E8
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	9300 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	28
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	18
Total Weighted Score:	63

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$7,589,162 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-337

PROJECT DESCRIPTION

Name:	Cottonwood Creek - Rangewood to Woodmen
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	E7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	5300 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,712,090 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-338

PROJECT DESCRIPTION

Name:	Rampart Park Channel - Summerset to Lexington
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	D6
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	3800 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$7,217,953 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-339

PROJECT DESCRIPTION

Name:	Gold Medal Pt. Channel
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	550 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	12
Total Weighted Score:	37

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,608,572 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-340

PROJECT DESCRIPTION

Name:	Templeton Gap Rd. - Rangewood to Powers
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F8
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	2880 LF of storm drain construction
Summary of Problem:	Undersized storm sewer network
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,257,986 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-341

PROJECT DESCRIPTION

Name:	Oakwood Dr. Channel - Dry Stone to Powers
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F8
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	5900 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$5,361,908 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-342

PROJECT DESCRIPTION

Name:	Templeton Gap Rd. Channel - Powers to Tutt
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F9
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	4400 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,031,540 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-343

PROJECT DESCRIPTION

Name:	Rangewood Channel - Main Stem to Balsam
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F8
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	7400 LF channel stabilization, with drop structures
Summary of Problem:	Channel and bank instabilities
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	6
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$4,990,699 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-344

PROJECT DESCRIPTION

Name:	Briargate Blvd. - Goddard to Chapel Hills Drive
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	E5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	3700 LF of storm drain construction
Summary of Problem:	Undersized storm sewer network
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,608,572 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-345

PROJECT DESCRIPTION

Name:	Jamboree Dr. - Goddard to Jamboree
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	E5
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	2300 LF of storm drain construction
Summary of Problem:	Undersized storm sewer network
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,959,159 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-346

PROJECT DESCRIPTION

Name:	Rangewood - Main Stem to Woodland Hills Dr.
Drainage Basin:	Cottonwood Creek
Map Book Grid #:	F7
Category:	Storm Drain
Type of Project:	Replacement of Existing Facilities
Description:	900 LF of 66" RCP storm drain construction
Summary of Problem:	Undersized storm sewer network
Source Document:	Matrix Design Group, Inc. 2010. Cottonwood Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	2010
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$433,077 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-351

PROJECT DESCRIPTION

Name:	23rd St Storm Sewer - Fountain Creek to Uintah St
Drainage Basin:	Westside
Map Book Grid #:	K2
Category:	Storm Drain
Type of Project:	New Construction
Description:	10 inlets required
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	United Western Engineers. 1975. Feasibility Study and Master Plan Fountain Creek Channelization Manitou Springs to Monument Creek and Hydrologic Engineering Study The West Side Drainage Basins.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1975
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$90,237 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-352

PROJECT DESCRIPTION

Name:	21st St Storm Sewer - Fountain Creek to Uintah St
Drainage Basin:	Westside
Map Book Grid #:	K2
Category:	Storm Drain
Type of Project:	Replace Existing Facilities
Description:	1000 LF 24" & 30" RCP
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	United Western Engineers. 1975. Feasibility Study and Master Plan Fountain Creek Channelization Manitou Springs to Monument Creek and Hydrologic Engineering Study The West Side Drainage Basins.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	1975
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$270,712 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-354

PROJECT DESCRIPTION

Name:	14th, 15th, 17th, & 19th St Storm Sewer
Drainage Basin:	Westside
Map Book Grid #:	K3
Category:	Storm Drain
Type of Project:	Replace Existing Facilities
Description:	8520 LF of storm drain construction
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	United Western Engineers. 1975. Feasibility Study and Master Plan Fountain Creek Channelization Manitou Springs to Monument Creek and Hydrologic Engineering Study The West Side Drainage Basins.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1975
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$8,178,714 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-355

PROJECT DESCRIPTION

Name:	10th & 11th St Storm Sewer - Fountain Creek to Kiowa
Drainage Basin:	Westside
Map Book Grid #:	K3
Category:	Storm Drain
Type of Project:	Replace Existing Facilities
Description:	2270 LF 24" to 48" RCP with inlets
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	United Western Engineers. 1975. Feasibility Study and Master Plan Fountain Creek Channelization Manitou Springs to Monument Creek and Hydrologic Engineering Study The West Side Drainage Basins.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1975
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$757,749 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-357

PROJECT DESCRIPTION

Name:	Chestnut St Storm Sewer - Fountain Creek to Pikes Peak
Drainage Basin:	Westside
Map Book Grid #:	L3
Category:	Storm Drain
Type of Project:	Replace Existing Facilities
Description:	1950 LF 30" to 48" RCP w/inlets
Summary of Problem:	Insufficient storm sewer capacity
Source Document:	United Western Engineers. 1975. Feasibility Study and Master Plan Fountain Creek Channelization Manitou Springs to Monument Creek and Hydrologic Engineering Study The West Side Drainage Basins.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	Waldo Canyon Burn Area

ASSESSMENT SUMMARY

Type of Assessment:	Aerial Photo
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1975
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$701,186 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-358

PROJECT DESCRIPTION

Name:	Union Channel - Hancock to Union
Drainage Basin:	Spring Creek
Map Book Grid #:	M5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	800 LF channel stabilization, 1 drop structure
Summary of Problem:	Potential scour and erosion at the channel
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Partially Constructed
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	25

COST

Best Available Baseline Cost Year:	1993
% Constructed:	50
Construction Normal or Difficult:	Normal
Project Cost:	\$292,686 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-359

PROJECT DESCRIPTION

Name:	Chelton Dr. Channel - Chelton Dr to Airport Rd
Drainage Basin:	Spring Creek
Map Book Grid #:	L7
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	2400 LF channel stabilization, 2 drop structures
Summary of Problem:	Potential scour and erosion at the channel. Existing box culvert crossing at Chelton Road is inadequate in conveying 100-year flow.
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	7
System Reliability Score (30% weight):	0
Total Weighted Score:	33

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,465,049 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-360

PROJECT DESCRIPTION

Name:	Wagner Park Detention - downstream of Bijou
Drainage Basin:	Spring Creek
Map Book Grid #:	K7
Category:	Storage
Type of Project:	New Construction
Description:	Detention storage required
Summary of Problem:	Erosion and collapse of banks. The crossing at downstream of Pikes Peak crossing is inadequate to convey 100-year flow.
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	36
Legal Regulatory Score (20% weight):	10
Environmental Sustainability Score (10% weight):	10
System Reliability Score (30% weight):	0
Total Weighted Score:	56

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$693,237 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-362

PROJECT DESCRIPTION

Name:	Bijou St. Culvert - Spring Creek at Bijou St
Drainage Basin:	Spring Creek
Map Book Grid #:	K7
Category:	Culvert
Type of Project:	New Construction
Description:	10'x5' RCB
Summary of Problem:	The existing culvert 3-8' x 5' CBC and concrete channel upstream are inadequate to pass the 100-year design storm. The downstream concrete channel of Bijou street is severely eroded.
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	0
Total Weighted Score:	15

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$242,619 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-365

PROJECT DESCRIPTION

Name:	Fountain Blvd. Storm Sewer 2 - Hutchison Drive
Drainage Basin:	Spring Creek
Map Book Grid #:	L5
Category:	Storm Drain
Type of Project:	New Construction
Description:	3236 LF 18" to 42" RCP
Summary of Problem:	A downstream pipe is needed to convey the flows from the upstream side to Union Boulevard.
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$628,497 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-366

PROJECT DESCRIPTION

Name:	Spring Creek South Trib - South Trib to Spring Creek Dev.
Drainage Basin:	Spring Creek
Map Book Grid #:	M6
Category:	Storm Drain
Type of Project:	New Construction
Description:	4865 LF 18" to 54" RCP
Summary of Problem:	The existing channel has changed considerably due to construction of U.S. 24.
Source Document:	URS Constultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,160,692 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-368

PROJECT DESCRIPTION

Name:	Spring Creek South Trib Storm Sewer - Chelton Rd south of Fountain
Drainage Basin:	Spring Creek
Map Book Grid #:	M6
Category:	Storm Drain
Type of Project:	New Construction
Description:	2085 LF 18" to 42" RCP
Summary of Problem:	No existing storm drainage system
Source Document:	URS Constultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$846,893 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-369

PROJECT DESCRIPTION

Name:	Spring Creek South Trib East of Circle Storm Sewer
Drainage Basin:	Spring Creek
Map Book Grid #:	M6
Category:	Storm Drain
Type of Project:	New Construction
Description:	7625 LF 18" to 72" RCP
Summary of Problem:	No existing storm drainage system
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$3,798,547 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-373

PROJECT DESCRIPTION

Name:	Pikes Peak Ave. Storm Sewer - East of Concrete Channel
Drainage Basin:	Spring Creek
Map Book Grid #:	L7
Category:	Storm Drain
Type of Project:	New Construction
Description:	7815 LF 18" to 60" RCP
Summary of Problem:	The existing concrete channel from Academy Boulevard to Pikes Peak Avenue does not have the capacity to carry the 100-year design storm with adequate freeboard.
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$2,397,597 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-374

PROJECT DESCRIPTION

Name:	Chelton Rd. Storm Sewer - Chelton Rd to Dale St
Drainage Basin:	Spring Creek
Map Book Grid #:	K6
Category:	Storm Drain
Type of Project:	New Construction
Description:	4610 LF 18" to 54" RCP
Summary of Problem:	No existing storm drainage system
Source Document:	URS Consultants. 1993. Spring Creek Drainage Basin Planning Study.
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class A
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	1993
% Constructed:	0
Construction Normal or Difficult:	Normal
Project Cost:	\$1,036,997 Updated (2013 Dollars)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-377

PROJECT DESCRIPTION

Name:	Coral Point and Wesley Stream Stabilization
Drainage Basin:	Templeton Gap
Map Book Grid #:	H7
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Not related to the most significant failure along Austin Bluffs Parkway downstream. This erosion is behind Coral Point Townhomes.
Summary of Problem:	No documentation on project. Problem not identified.
Source Document:	Undefined by City
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Low

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	6
Total Weighted Score:	18

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$26,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-379

PROJECT DESCRIPTION

Name:	West Fork Sand Creek - Constitution Bridge
Drainage Basin:	West Fork Sand Creek
Map Book Grid #:	J7
Category:	Channel / Grade Control
Type of Project:	Replacement of Existing Facilities
Description:	Culvert and channel repair at undersized box culvert. Not included in RTA list for 25-year program.
Summary of Problem:	Box culvert is undersized, project will correctly size it.
Source Document:	Undefined by City
Project within FEMA 100-Year Floodplain?	Yes
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	0
Total Weighted Score:	12

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$2,335,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-380

PROJECT DESCRIPTION

Name:	Patty Jewett Golf Course - Conc Ditch Failure
Drainage Basin:	Shooks Run
Map Book Grid #:	J5
Category:	Channel / Grade Control
Type of Project:	Repair of Existing Facilities
Description:	Approximately 80 LF of concrete trapezoidal ditch blew apart in a storm on June 6, 2012. \$62,000 has been subtracted from the Shooks Run-Patty Jewett reach of the DBPS to address this specifically.
Summary of Problem:	Flooding and erosion damage due to damage to existing drainage ditch
Source Document:	Undefined by City
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	1
System Reliability Score (30% weight):	18
Total Weighted Score:	35

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$62,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-381

PROJECT DESCRIPTION

Name:	Little Shooks Run - Pipe Arch
Drainage Basin:	Shooks Run
Map Book Grid #:	K5
Category:	Storm Drain
Type of Project:	Repair of Existing Facilities
Description:	Concrete floor has heaved up causing a significant hydraulic jump. Preliminarily estimated as a 100 LF concrete floor removal and replacement, without disturbing the grated inlet above the upheaval. An access hole will need to be cut and replaced.
Summary of Problem:	Hydraulic jump occurs in existing infrastructure due to concrete floor having heaved up in existing culvert.
Source Document:	Undefined by City
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	12
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	12
Total Weighted Score:	24

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$39,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-382

PROJECT DESCRIPTION

Name:	224 N. Franklin
Drainage Basin:	Shooks Run
Map Book Grid #:	K4
Category:	Storm Drain
Type of Project:	New Construction
Description:	Cross section of alley causes structural flooding in the garage of Mr. Brian Lovett at 224 N. Franklin. Julie Pearson performed background research during SWENT. Referred to City Street Maintenance on 4/16/13 for inspection.
Summary of Problem:	Flooding in private property (individual's garage) due to poor drainage in alley adjacent to property.
Source Document:	Citizen Call in
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	Medium

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	0
System Reliability Score (30% weight):	24
Total Weighted Score:	40

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$26,000 Unconfirmable (MPL Cost)

Colorado Springs Stormwater Needs Assessment
Validated Project Summary: CS-383

PROJECT DESCRIPTION

Name:	1522 N. Custer
Drainage Basin:	Shooks Run
Map Book Grid #:	J5
Category:	Channel / Grade Control
Type of Project:	New Construction
Description:	Property owner at 1522 N. Custer is experiencing loss of property due to the re-alignment of Shooks Run. Will require realignment back to original location.
Summary of Problem:	Homemade gabions installed on south bank of Shooks Run. Serious erosion on bank threatening land owner's land. Flooding on private property due to realignment of Shooks Run at Patty Jewett Golf Course over the years.
Source Document:	Citizen Call in
Project within FEMA 100-Year Floodplain?	No
Project Impacted by Burn Area:	No

ASSESSMENT SUMMARY

Type of Assessment:	Field Visit
Post Assessment Status:	Planned
Project Classification:	Class B
Urgency of Project:	High

BENEFIT SCORE

Health, Safety, and Community Benefit Score (40% weight):	16
Legal Regulatory Score (20% weight):	0
Environmental Sustainability Score (10% weight):	3
System Reliability Score (30% weight):	18
Total Weighted Score:	37

COST

Best Available Baseline Cost Year:	N/A
% Constructed:	N/A
Construction Normal or Difficult:	N/A
Project Cost:	\$250,000 Unconfirmable (MPL Cost)