

INDEX

A

Access, 1-4, 1-8, 1-11, 1-12, 2-9, 2-17, 3-17, 3-20, 3-21, 3-22, 3-30, 3-62, 3-76, 3-113, 3-114, 3-117, 3-118, 3-120, 3-122, 3-126, 3-127, 3-134, 4-4, 4-15, 4-16, 4-17, 4-18, 4-29

Accessible, 2-26, 3-9, 3-17, 3-23, 3-24, 3-25, 3-26, 3-27, 3-28, 3-29, 3-122, 3-127, 4-32

Aesthetic Quality, 2-26, 3-73, 3-74, 3-75, 3-76, 3-77, 3-78, 3-126, 3-132

Affected Environment, 3-1, 3-2, 3-3, 3-8, 3-12, 3-14, 3-20, 3-23, 3-28, 3-38, 3-54, 3-58, 3-63, 3-68, 3-71, 3-73, 3-79, 3-82, 3-85, 3-89, 3-91, 3-96, 3-102, 3-107, 3-111, 3-113, 3-119, 3-120, 3-124, 3-130

Agricultural Resources, 2-6, 2-26, 3-8, 3-10, 3-11, 3-13, 3-16, 3-96, 4-2, 4-26

Air Quality, 2-26, 2-27, 3-2, 3-53, 3-54, 3-55, 3-56, 3-57, 3-113, 3-114, 3-116, 3-118, 3-120, 3-121, 3-127, 3-128, 3-129, 3-134, 4-4, 4-10, 4-14, 4-26, 4-33

Airline Service, 1-7, 1-10, 3-4, 3-6, 3-26, 4-7

Airlines, 1-10, 2-14, 2-25, 3-4, 3-26, 3-54, 3-56, 3-111, 3-112, 3-122, 4-26, 4-27, 4-29, 4-30, 4-32

Alternatives (*See Build Alternative, No-Build Alternative, or Route Alternative*)

Amtrak, 1-1, 1-2, 1-11, 2-13, 2-14, 2-15, 2-18, 2-23, 2-25, 3-5, 3-6, 3-10, 3-18, 3-24, 3-125, 4-13, 4-15, 4-26, 4-27, 4-28, 4-30

Aquatic Resources, 2-26, 2-27, 3-82, 3-83, 3-84, 3-96, 3-97, 3-99, 3-100, 3-101, 3-108, 3-110, 3-131

Area of Potential Effect, 3-62, 3-63, 3-64, 3-67

Asbestos, 3-134, 4-10

Attainment, 3-53, 3-54, 5-4

Automobile Travel, 1-7, 1-8, 1-9, 1-10, 2-24, 2-27, 3-3, 3-4, 3-5, 3-6, 3-7, 3-55, 3-65, 3-111, 3-112, 3-119, 3-122, 3-126, 3-127, 4-7, 4-12, 4-30

B

Bedrock, 3-86, 3-91, 3-92, 3-94, 3-103

Benefits, 1-8, 2-4, 2-7, 2-8, 2-26, 2-27, 3-6, 3-7, 3-14, 3-17, 3-18, 3-21, 3-22, 3-23, 3-27, 3-30, 3-55, 3-57, 3-112, 3-120, 3-121, 3-122, 3-128, 4-13, 4-16, 4-25, 4-26, 4-27, 4-31, 4-32, 4-34

Best Management Practice (BMP), 3-60, 5-4

BNSF Railway, 2-13, 2-15, 2-17, 2-18, 3-2, 3-5, 3-6, 3-9, 3-21, 3-24, 3-28, 3-29, 3-80, 3-114, 3-124, 3-125, 4-13

Brownfield, 3-57, 3-59, 3-60

Build Alternative, 1-1, 2-1, 2-2, 2-13, 2-14, 2-15, 2-16, 2-17, 2-23, 2-24, 2-25, 2-26, 3-1, 3-2, 3-3, 3-6, 3-7, 3-9, 3-11, 3-13, 3-16, 3-17, 3-19, 3-21, 3-22, 3-26, 3-29, 3-38, 3-42, 3-44, 3-45, 3-48, 3-49, 3-50, 3-51, 3-55, 3-56, 3-57, 3-59, 3-60, 3-61, 3-64, 3-69, 3-71, 3-75, 3-76, 3-77, 3-80, 3-84, 3-87, 3-89, 3-90, 3-93, 3-94, 3-99, 3-100, 3-107, 3-108, 3-109, 3-110, 3-112, 3-114, 3-115, 3-119, 3-120, 3-121, 3-122, 3-126, 3-128, 3-129, 3-130

Bus Service, 1-2, 1-4, 1-7, 1-9, 1-10, 1-11, 2-14, 2-25, 3-3, 3-4, 3-5, 3-6, 3-7, 3-23, 3-24, 3-25, 3-56, 3-111, 3-112, 3-122, 3-127, 4-7, 4-15, 4-26, 4-27, 4-28, 4-29, 4-30, 4-32

Businesses, 2-6, 3-7, 3-14, 3-17, 3-18, 3-19, 3-20, 3-31, 3-113, 3-117, 3-127, 4-13, 4-16, 4-17, 4-25, 4-27, 4-29, 4-31, 4-32, 4-33, 4-34

C

California Zephyr, 1-11, 2-13, 2-14, 2-15, 3-5, 3-6, 3-125, 4-7, 4-13, 4-26, 4-27, 4-28, 4-30

Carbon Dioxide, 3-56, 3-112, 3-113, 4-26, 4-30

Carbon Monoxide, 3-53, 3-56, 3-134

Caves, 3-86, 3-91, 3-92, 3-103

Census, 1-8, 1-9, 3-14, 3-19, 3-20, 3-22

Centralized Traffic Control (CTC), 2-17, 3-28, 3-29, 3-30

Chicago Union Station, 1-2, 1-5, 2-8, 2-9, 2-11, 2-15, 2-18, 2-24, 3-64, 5-1

Churches, 3-10, 3-14, 3-17, 3-31, 3-65

Clean Air Act (CAA), 3-53, 3-111

Climate Change, 2-27, 3-111, 3-112, 3-113, 4-3, 4-5, 4-26

Commercial Property, 2-14, 3-4, 3-8, 3-10, 3-25, 3-57, 3-58, 3-59, 3-64, 3-65, 3-66, 3-79, 3-122

Community Centers, 3-14, 3-17

Commuter Rail Service, 1-1, 1-12, 3-5, 3-24, 3-33, 3-124

Congestion, 1-10, 1-13, 2-11, 2-13, 2-14, 2-26, 2-27, 3-3, 3-4, 3-6, 3-21, 3-22, 3-26, 3-55, 3-114, 3-121, 3-122, 3-125, 3-126, 3-127, 3-128, 3-129, 4-12, 4-13, 4-14, 4-26, 4-29, 4-30

Construction, 2-1, 2-4, 2-5, 2-8, 2-13, 2-17, 2-18, 2-23, 2-25, 2-27, 3-1, 3-2, 3-6, 3-7, 3-9, 3-10, 3-11, 3-13, 3-14, 3-16, 3-17, 3-18, 3-19, 3-21, 3-23, 3-26, 3-27, 3-28, 3-29, 3-30, 3-37, 3-53, 3-55, 3-57, 3-60, 3-61, 3-62, 3-63, 3-64, 3-67, 3-68, 3-69, 3-70, 3-71, 3-73, 3-75, 3-78, 3-79, 3-80, 3-81, 3-83, 3-84, 3-85, 3-86, 3-87, 3-88, 3-89, 3-90, 3-93, 3-94, 3-98, 3-99, 3-101, 3-102, 3-107, 3-108, 3-109, 3-111, 3-112, 3-113, 3-114, 3-115, 3-116, 3-117, 3-118, 3-119, 3-120, 3-121, 3-123, 3-124, 3-126, 3-127, 3-128, 3-129, 3-130, 3-131, 3-132, 3-133, 3-134, 3-135, 4-3, 4-5, 4-8, 4-9, 4-10, 4-11, 4-12, 4-11, 4-23, 4-27, 4-28, 4-29, 5-1, 5-4, 5-5

Contamination, 3-57, 3-58, 3-59, 3-60, 3-61, 3-62, 3-86, 3-115, 4-10

Councils of Government (COGs), 3-3, 3-8, 3-18, 3-111, 3-123

Criteria Pollutant, 3-53, 3-54, 3-55

Crossings

At-grade, 2-17, 2-23, 2-24, 2-26, 3-6, 3-17, 3-26, 3-28, 3-29, 3-30, 3-33, 3-49, 3-52, 3-121, 3-122, 3-127, 4-12

Grade-separated, 3-26, 3-28, 3-29, 3-36, 3-49, 4-29

Cultural Resources, 2-4, 2-6, 2-26, 3-2, 3-62, 3-63, 3-64, 3-67, 3-127, 5-4

D

Decibels, 3-31, 3-36, 3-98, 3-116

Demographic 1-8, 3-14, 3-16, 3-19, 3-20, 3-22, 4-30

Designated Critical Habitat, 3-102, 3-103, 3-105, 3-107, 3-108, 4-8

Detour, 3-26, 3-89, 3-113, 3-120

Disabilities, 2-26, 3-19, 3-23, 3-24, 3-25, 3-26, 3-27, 3-28, 3-113, 3-116, 3-117, 3-122, 4-27

Diversion, 1-9, 3-3, 3-6, 3-7, 3-55, 3-56, 3-87, 3-129

eagles, 3-65, 3-95, 3-97, 3-101

E

Eagles, 4-12

Economic, 1-2, 2-2, 2-4, 2-6, 2-7, 2-8, 2-9, 2-12, 2-26, 3-1, 3-2, 3-8, 3-14, 3-16, 3-17, 3-18, 3-21, 3-22, 3-63, 3-117, 3-121, 3-122, 3-127, 4-2, 4-4, 4-12, 4-13, 4-14, 4-15, 4-16, 4-17, 4-18, 4-25, 4-26, 4-30, 4-31, 4-32, 4-34

Elderly, 2-26, 3-19, 3-23, 3-24, 3-25, 3-26, 3-27, 3-113, 3-116, 3-117, 3-122, 4-26

Emergency Facilities, 3-14

Emergency Services, 3-14, 3-17, 3-117

Emissions, 1-8, 2-26, 2-27, 3-31, 3-53, 3-54, 3-55, 3-56, 3-57, 3-58, 3-69, 3-71, 3-111, 3-112, 3-113, 3-114, 3-116, 3-118, 3-120, 3-121, 3-122, 3-126, 3-127, 3-128, 3-134, 4-13, 4-14, 4-26, 5-4

Employment, 2-27, 3-14, 3-16, 3-17, 3-121, 3-122

Endangered Species, 2-6, 2-27, 3-95, 3-102, 3-103, 3-104, 3-105, 3-106, 3-107, 3-108, 3-109, 3-110, 3-118, 3-127, 3-133, 4-3, 4-8, 4-11, 5-4

Endangered Species Act 3-95, 3-102, 3-110, 5-4

Energy, 2-27, 3-31, 3-111, 3-112, 3-113, 3-118, 3-119, 3-121, 3-122, 3-126, 3-128, 4-12, 4-18, 4-26, 4-30

Environmental Justice, 2-6, 2-26, 3-19, 3-20, 3-21, 3-22, 3-23, 3-113, 3-116, 4-27

Environmental Protection Agency (*See U.S. Environmental Protection Agency (USEPA)*)

Eola Yard, 2-13, 3-2, 3-13, 3-26, 3-59, 3-64, 3-69, 3-71, 3-75, 3-80, 3-83, 3-86, 3-89, 3-93, 3-97, 3-106, 3-119

F

Farmland, 2-6, 2-26, 3-9, 3-11, 3-12, 3-13, 3-121, 3-122, 3-128, 4-12, 4-26

Floodplain, 2-6, 2-26, 3-79, 3-80, 3-82, 3-83, 3-84, 3-88, 3-89, 3-90, 3-91, 3-93, 3-94, 3-97, 3-122, 3-130, 3-133, 3-134, 4-3, 4-4, 4-5, 4-11

Forest Preserve, 3-68, 3-69, 3-71, 3-72, 3-73, 3-96, 3-97, 3-106

Forest, State, 3-97, 3-134

Freight Rail Service, 3-5, 3-6, 3-7, 3-29, 3-129

Fuel, 3-6, 3-12, 3-55, 3-57, 3-60, 3-111, 3-112, 3-113, 3-120, 3-127, 4-12, 4-26

G

Geology, 2-26, 3-36, 3-37, 3-91, 3-92, 3-93, 3-94, 3-118

Grassland, 3-76, 3-96, 3-97, 3-99

Greenfield, 2-1, 2-7, 3-9

Greenhouse Gas, 2-27, 3-111, 3-112, 3-127, 3-134

Greyfield, 3-9

Groundwater, 3-58, 3-60, 3-82, 3-85, 3-86, 3-87, 3-88, 3-115, 4-11

H

Hazardous Materials, 2-6, 2-27, 3-57, 3-58, 3-59, 3-60, 3-61, 3-62, 3-116, 3-117, 3-120, 3-127

Historic District, 2-26, 3-62, 3-64, 3-65, 3-66, 3-71, 3-76

Historic Resources, 2-26, 3-62, 3-63, 3-64, 3-65, 3-66, 3-76

homes, 3-17

Homes, 2-6, 4-30, 4-33, 4-34

Hospitals, 3-14, 3-17, 3-31, 4-30

Housing, 3-10, 3-14, 3-17

Hydric Soils, 3-83, 3-93, 3-94

Hydrophytic Vegetation, 3-83

I

Illinois Department of Natural Resources (DNR), 3-68, 3-79, 3-82, 3-83, 3-85, 3-86, 3-95, 3-96, 3-97, 3-101, 3-102, 3-105, 3-106, 3-108, 3-109, 3-110, 3-131, 3-134, 4-1, 4-3, 4-9, 4-21

Impact

Construction, 2-27, 3-7, 3-19, 3-27, 3-80, 3-81, 3-83, 3-84, 3-86, 3-90, 3-98, 3-101, 3-107, 3-108, 3-109, 3-113, 3-114, 3-117, 3-120, 3-121, 3-128

Cumulative, 2-27, 3-122, 3-123, 3-124, 3-126, 3-128, 3-129, 3-130, 4-3, 4-7, 4-19, 4-26

Direct, 3-9, 3-17, 3-20, 3-21, 3-26, 3-75, 3-76, 3-80, 3-89, 3-107, 3-123, 3-126

Indirect, 2-27, 3-17, 3-20, 3-21, 3-64, 3-67, 3-123, 3-126, 3-127, 3-128

Moderate, 3-31, 3-32

Severe, 3-31

Induced Development, 3-129

Industrial Property, 2-26, 3-8, 3-9, 3-10, 3-15, 3-16, 3-30, 3-57, 3-58, 3-59, 3-61, 3-64, 3-86, 3-115, 3-116, 3-122

Iowa Department of Natural Resources (DNR), 3-53, 3-57, 3-58, 3-68, 3-73, 3-78, 3-79, 3-80, 3-85, 3-86, 3-87, 3-91, 3-92, 3-94, 3-95, 3-96, 3-97, 3-101, 3-102, 3-105, 3-107, 3-108, 3-109, 3-110, 3-131, 3-133, 3-134, 4-2

Iowa Interstate Railroad (IAIS), 2-13, 2-15, 2-17, 2-18, 2-23, 3-2, 3-5, 3-6, 3-9, 3-21, 3-28, 3-29, 3-30, 3-80, 3-89, 3-114, 4-6, 4-13, 4-15, 4-16, 4-17

Irretrievable Commitments, 2-27, 3-118, 3-119

Irreversible Commitments, 3-118

J

Jobs, 1-13, 3-17, 3-125, 4-9, 4-17, 4-18, 4-27

K

Karst, 3-85, 3-86, 3-87, 3-92, 3-94

L

Lakes, 2-26, 3-78, 3-80, 3-81, 3-85, 3-91, 3-97, 3-99, 3-104, 3-132, 3-134, 4-11, 4-15, 4-18, 4-23

Land and Water Conservation Fund, 3-70, 3-71, 3-72, 3-73

Land Use, 1-8, 2-18, 2-26, 3-2, 3-7, 3-8, 3-9, 3-10, 3-11, 3-14, 3-31, 3-32, 3-33, 3-34, 3-35, 3-36, 3-38, 3-42,

3-44, 3-49, 3-113, 3-114, 3-116, 3-118, 3-121, 3-122, 3-123, 3-127, 4-26

Layover Facilities, 2-17, 2-23, 3-9, 3-10, 3-11, 3-18, 3-60, 3-61, 4-9, 5-1, 5-2, 5-3, 5-5

Lead (Pb), 3-53, 3-54, 3-55, 3-58, 3-60

Lead Agency, 3-62, 3-63, 3-129, 4-3, 4-7, 4-8, 4-21, 4-22

Locomotive, 2-23, 3-33, 3-35, 3-36, 3-37, 3-42, 3-49, 3-52, 3-54

Loess Hills, 2-26, 3-74, 3-76, 3-78, 3-91, 3-93, 3-94

Long-term, 2-27, 3-10, 3-17, 3-18, 3-120, 3-121, 3-122, 3-127, 3-128, 4-31

Low-income, 3-19, 3-20, 3-21, 3-22, 3-23, 3-25, 3-113, 3-122, 4-27

M

Maintenance Facilities, 2-17, 2-23, 3-9, 3-10, 3-11, 3-59, 3-69, 3-71, 3-113, 3-127, 5-1, 5-2, 5-3

Meandered Sovereign Rivers, 3-80, 3-86, 3-134

Metra, 1-1, 1-12, 1-13, 2-13, 2-23, 3-5, 3-24, 3-124

Metropolitan Planning Organizations (MPOs), 3-3, 3-8, 3-111, 3-123, 4-12

Migratory Birds, 3-95, 3-97, 3-98, 3-100, 3-101, 4-3, 4-8, 4-12

Minorities, 3-19, 3-20, 3-21, 3-22, 3-23, 3-113, 3-122

Mississippi River Bridge, 2-11, 2-12, 5-2

Missouri River Bridge, 5-3

N

National Environmental Policy Act (NEPA), 1-12, 2-1, 2-2, 2-4, 2-5, 2-14, 2-18, 2-23, 2-25, 2-27, 3-1, 3-2, 3-6, 3-7, 3-10, 3-11, 3-13, 3-14, 3-19, 3-20, 3-23, 3-27, 3-30, 3-31, 3-32, 3-33, 3-38, 3-53, 3-55, 3-57, 3-59, 3-62, 3-63, 3-64, 3-67, 3-68, 3-69, 3-70, 3-71, 3-73, 3-75, 3-76, 3-77, 3-78, 3-79, 3-80, 3-81, 3-82, 3-83, 3-85, 3-86, 3-87, 3-88, 3-89, 3-90, 3-92, 3-94, 3-97, 3-98, 3-100, 3-101, 3-102, 3-106, 3-107, 3-108, 3-109, 3-110, 3-111, 3-113, 3-114, 3-115, 3-117, 3-118, 3-120, 3-122, 3-123, 3-124, 3-126, 3-128, 3-129, 3-130, 3-132, 3-135, 4-5, 4-6, 4-7, 4-9, 4-9, 4-10, 4-11, 4-12, 4-16, 4-23, 4-24, 4-25, 4-35, 5-1, 5-2, 5-3, 5-4

National Historic Preservation Act (NHPA), 3-62, 4-23, 5-4

National Pollutant Discharge Elimination System (NPDES), 3-88, 3-115, 3-117, 3-132, 3-133

National Register of Historic Places (NRHP), 2-6, 3-62, 3-63, 3-64, 3-65, 3-66, 3-71, 3-73, 3-74, 3-75

Nationwide Rivers Inventory (NRI), 3-78

Natural Areas, 2-26, 2-27, 3-67, 3-68, 3-69, 3-71, 3-72, 3-73, 3-74, 3-76, 3-77, 3-95, 3-96, 3-97, 3-99, 3-100, 3-122, 3-126, 3-128

Natural Communities, 3-95, 3-96, 3-99, 3-101, 3-102

Natural Community, High Quality, 3-96, 3-99

Natural Habitats, 2-27, 3-95, 3-97, 3-98, 3-99, 3-100, 3-101, 3-105, 3-106, 3-109, 3-118, 3-122, 4-8

Nebraska Department of Environmental Quality (NDEQ), 3-53, 3-57, 3-79, 3-82, 3-85, 3-131, 3-133, 3-134, 4-2, 4-4, 4-10

Nebraska Department of Natural Resources (DNR), 3-85, 3-134, 4-2, 4-4, 4-11

Nebraska Game and Parks Commission (NGPC), 3-68, 3-95, 3-96, 3-101, 3-102, 3-105, 3-107, 3-108, 3-109, 3-110, 4-2, 4-4, 4-11

Neighborhoods, 3-8, 3-9, 3-11, 3-17, 3-73, 3-75, 3-77, 3-113, 3-114, 3-127

Nitrogen Dioxide, 3-53

No-Build Alternative, 1-1, 2-1, 2-2, 2-11, 2-12, 2-13, 2-14, 2-25, 2-26, 3-1, 3-2, 3-6, 3-9, 3-13, 3-16, 3-21, 3-26, 3-29, 3-38, 3-42, 3-44, 3-49, 3-55, 3-59, 3-64, 3-69, 3-71, 3-75, 3-80, 3-83, 3-86, 3-89, 3-93, 3-97, 3-100, 3-106, 3-112, 3-114, 3-119, 3-120, 3-121, 3-126, 3-129, 3-130, 4-6, 4-27

Noise, 2-6, 2-26, 2-27, 3-19, 3-21, 3-22, 3-31, 3-32, 3-33, 3-34, 3-35, 3-36, 3-37, 3-38, 3-42, 3-44, 3-45, 3-48, 3-49, 3-52, 3-64, 3-67, 3-68, 3-69, 3-71, 3-72, 3-98, 3-100, 3-101, 3-107, 3-108, 3-109, 3-110, 3-113, 3-114, 3-116, 3-118, 3-119, 3-120, 3-121, 3-122, 3-126, 3-127, 3-128, 3-129, 4-3, 4-6, 4-7, 4-8, 4-27, 5-4

Nonattainment, 3-53, 3-54, 3-55, 3-56

O

Ozone, 3-53, 3-55

P

Paratransit Service, 3-23, 3-24, 3-25

Parks, State, 3-134

Particulate Matter, 3-53, 3-54, 3-55, 3-56, 3-134

Passenger Rail Service, 1-1, 1-2, 1-4, 1-5, 1-7, 1-9, 1-10, 1-11, 1-12, 2-2, 2-13, 2-14, 2-18, 3-1, 3-3, 3-4, 3-5, 3-6, 3-9, 3-16, 3-18, 3-21, 3-22, 3-23, 3-29, 3-55, 3-111, 3-112, 3-114, 3-119, 3-121, 3-122, 3-126, 3-127, 4-3, 4-7, 4-12, 4-13, 4-15, 4-18, 4-26, 4-27, 4-28, 4-29, 4-30, 4-32, 4-33, 4-34

Pedestrians, 3-30, 3-113, 3-120, 3-125, 4-15

Permit

Air Pollution Control, 3-134

Floodplain Development, 3-89, 3-90, 3-133, 4-4, 4-11

General, 3-131, 3-133

Individual, 3-131, 3-133, 3-135

NPDES, 3-132, 3-133

Section 10, 3-79, 3-82, 3-132

Section 9, 3-132

Sovereign Lands Construction, 3-79, 3-134

Physiographic, 3-91

Planes

See Airlines

Pollutants, 2-26, 2-27, 3-53, 3-54, 3-55, 3-56, 3-57, 3-58, 3-81, 3-84, 3-85, 3-86, 3-87, 3-88, 3-98, 3-100, 3-107, 3-108, 3-109, 3-110, 3-115, 3-117, 3-118, 3-121, 3-129, 3-133, 3-134

Pollution, 3-85, 3-86, 3-88, 3-133

Ponds, 2-26, 3-75, 3-78, 3-80, 3-81, 3-85, 3-89, 3-97, 3-99, 3-104

Population, 1-4, 1-8, 1-9, 1-10, 1-12, 2-4, 2-9, 2-11, 2-14, 2-26, 3-8, 3-14, 3-15, 3-19, 3-20, 3-21, 3-22, 3-23, 3-27, 3-34, 3-53, 3-96, 3-122, 3-124, 4-14, 4-15, 4-17, 4-28, 4-29, 4-30

Prairie, 3-69, 3-96, 3-97, 3-99, 3-103, 3-104, 4-8, 4-22

Preserves

Forest, 3-68, 3-69, 3-71, 3-72, 3-73, 3-96, 3-97, 3-106

Nature, 3-67, 3-95, 3-96, 3-97, 3-103

State, 3-134

Project Need, 3-71, 4-27

Project Purpose, 4-7, 4-19, 4-27

Property Acquisition, 2-26, 3-7, 3-11, 4-27, 4-28

Public Health, 2-26, 3-7, 3-21, 3-27, 3-28, 3-29, 3-30, 3-57, 3-58, 4-27

Public Involvement, 3-11, 3-19, 3-22, 3-27, 3-78, 4-1, 4-14, 4-28, 5-3

Q

Quiet Zone, 3-33, 3-36, 3-44, 3-49, 3-52

R

Rail Operations, 2-17, 3-6, 3-114, 3-127, 4-26, 4-27

Rail Safety, 3-28

Railroads, 1-1, 2-7, 2-15, 2-18, 2-23, 3-1, 3-5, 3-6, 3-9, 3-13, 3-19, 3-28, 3-29, 3-31, 3-33, 3-34, 3-37, 3-58, 3-60, 3-61, 3-63, 3-64, 3-65, 3-66, 3-67, 3-73, 3-74, 3-75, 3-77, 3-78, 3-79, 3-80, 3-84, 3-86, 3-87, 3-89, 3-90, 3-93, 3-94, 3-97, 3-98, 3-99, 3-100, 3-114, 3-115, 3-119, 3-122, 3-124, 4-1, 4-3, 4-5, 4-6, 4-6, 4-9, 4-13, 4-15, 4-16, 4-17, 4-27, 5-4

Receptors

Sensitive, 2-26, 3-38, 3-121, 3-122

Visual, 3-74, 3-75, 3-77, 3-78

Recreation Areas, 2-26, 3-31, 3-32, 3-67, 3-68, 3-69, 3-70, 3-71, 3-72, 3-73, 3-74, 3-77, 3-126

Recycling, 3-61, 3-115, 3-117

Regulatory Floodway, 3-90

Residential Property, 3-8, 3-9, 3-10, 3-19, 3-33, 3-42, 3-44, 3-49, 3-51, 3-64, 3-73, 3-74, 3-77, 3-78, 3-113, 3-116

Ridership, 1-9, 2-5, 2-6, 2-7, 2-8, 2-9, 2-11, 2-23, 2-24, 2-27, 3-3, 3-7, 3-55, 3-56, 3-111, 3-112, 3-127, 4-7, 4-12, 4-18, 4-27

Rivers, 1-5, 2-7, 2-8, 2-9, 2-12, 2-15, 2-18, 2-20, 2-27, 3-1, 3-8, 3-10, 3-24, 3-73, 3-74, 3-75, 3-76, 3-78, 3-79, 3-80, 3-82, 3-83, 3-85, 3-86, 3-89, 3-91, 3-93, 3-94, 3-97, 3-101, 3-103, 3-104, 3-105, 3-106, 3-107, 3-110, 3-130, 3-132, 3-135, 4-3, 4-6, 4-5, 4-6, 4-8, 4-9, 4-11, 4-12, 4-14, 4-16, 4-22, 5-2, 5-3

Route Alternative 1, 2-2, 2-7, 2-11, 4-28

Route Alternative 2, 2-2, 2-7, 2-11, 4-14, 4-15, 4-16, 4-18, 4-28

Route Alternative 3, 2-2, 2-7, 4-28

Route Alternative 4, 2-2, 2-7, 2-8, 2-11, 2-15, 2-17, 2-23, 4-3, 4-4, 4-8, 4-9, 4-14, 4-16, 4-17, 4-18, 4-29, 4-31

Route Alternative 4-A, 2-2, 2-7, 2-8, 2-11, 2-15, 2-17, 2-23, 4-14, 4-16, 4-31

Route Alternative 5, 2-2, 2-8, 2-11, 4-14, 4-16, 4-29

S

Safety, 2-23, 2-24, 2-26, 2-27, 3-6, 3-7, 3-17, 3-21, 3-27, 3-28, 3-29, 3-30, 3-60, 3-61, 3-66, 3-113, 3-117, 3-118, 3-121, 3-122, 3-127, 3-133, 4-3, 4-6, 4-7, 4-6, 4-7, 4-26, 4-27, 4-29

Savanna, 3-99

Scenic Resources, 3-73, 3-74, 3-75, 3-76, 3-77, 3-78

Scenic Rivers, 3-80

Schools, 3-14, 3-17, 3-30, 3-31, 3-91, 3-113, 4-33

Section 4(f), 2-6, 2-26, 3-68, 3-69, 3-70, 3-71, 3-72, 3-77, 3-126, 3-128, 5-4

Section 401 Water Quality Certification, 3-79, 3-82, 3-88, 3-131, 3-132

Section 408 Approval, 3-133

Section 6(f), 3-70, 3-73

Sediment, 3-85, 3-87, 3-88, 3-113

Short-term, 2-27, 3-17, 3-88, 3-116, 3-117, 3-120, 3-121, 3-122

State Historic Preservation Office (SHPO), 4-2, 4-3, 4-9, 4-21

Signals, 2-17, 2-18, 2-26, 3-6, 3-7, 3-28, 3-29, 3-113, 3-125, 4-16, 4-28

Sinkholes, 3-86, 3-91, 3-92

Socioeconomic Environment, 2-26, 2-27, 3-14, 3-16, 3-17, 3-18, 3-19, 3-121, 4-7

Soils, 2-26, 3-11, 3-12, 3-13, 3-58, 3-61, 3-81, 3-82, 3-83, 3-84, 3-86, 3-87, 3-91, 3-93, 3-94, 3-103, 3-115, 3-117, 3-118, 3-132

Spills, Fuel, 3-60, 3-127

Stakeholders, 4-23, 4-24, 4-31, 4-34

State Historic Preservation Office (SHPO), 3-62, 3-63, 3-66

Stations, 1-4, 1-5, 1-9, 1-11, 1-12, 2-1, 2-8, 2-15, 2-17, 2-18, 2-21, 2-22, 2-23, 2-24, 2-27, 3-1, 3-3, 3-5, 3-6, 3-8, 3-9, 3-10, 3-11, 3-16, 3-17, 3-18, 3-19, 3-21, 3-22, 3-26, 3-29, 3-30, 3-32, 3-34, 3-65, 3-66, 3-67, 3-68, 3-69, 3-71, 3-73, 3-75, 3-76, 3-77, 3-78, 3-88, 3-93, 3-94, 3-113, 3-123, 3-124, 3-125, 3-127, 3-129, 4-3, 4-5, 4-6, 4-12, 4-14, 4-15, 4-16, 4-17, 4-18, 4-26, 4-27, 4-29, 4-30, 5-1, 5-2, 5-3, 5-4, 5-5

Stormwater, 3-81, 3-84, 3-86, 3-87, 3-88, 3-114, 3-115, 3-117, 3-132, 3-133, 5-4

Streams, 2-6, 2-7, 2-26, 3-75, 3-78, 3-79, 3-80, 3-81, 3-82, 3-83, 3-85, 3-86, 3-87, 3-88, 3-89, 3-93, 3-96, 3-97, 3-99, 3-103, 3-104, 3-108, 3-115, 3-130, 3-131, 3-132, 3-135, 4-4, 4-11, 4-33

Sulfur Dioxide, 3-53, 3-56, 3-134

Superfund, 2-26, 3-57, 3-58, 3-59, 3-60, 3-61

Sustainable, 3-14

T

Terrestrial Habitat, 2-27, 3-95, 3-99

Threatened Species, 3-102, 3-105, 3-133

Topography, 2-26, 3-1, 3-91, 3-92, 3-93, 3-94, 3-118

Track Warrant Control (TWC), 3-28, 3-29, 3-30

Traffic, 1-10, 1-11, 2-4, 2-15, 2-17, 2-18, 2-26, 2-27, 3-3, 3-4, 3-5, 3-6, 3-17, 3-19, 3-21, 3-26, 3-28, 3-29, 3-30, 3-33, 3-34, 3-35, 3-36, 3-37, 3-38, 3-42, 3-44, 3-49, 3-52, 3-55, 3-60, 3-75, 3-76, 3-97, 3-98, 3-99, 3-100, 3-107, 3-112, 3-113, 3-114, 3-117, 3-118, 3-120, 3-121, 3-123, 3-126, 3-127, 3-128, 3-129, 3-132, 4-6, 4-12, 4-13, 4-14, 4-15, 4-16, 4-18, 4-26, 4-28, 4-29, 4-30, 5-4

Train Amenities, 4-29

Transit-oriented Development, 2-27, 3-122, 3-127, 3-129

Transportation Network, 1-2, 2-27, 3-3, 3-24, 3-121, 3-122

Transportation Plan, 1-2, 3-3, 3-4, 3-18, 3-123
, 4-13, 4-14

Travel Demand, 1-7, 1-8, 2-4, 2-6, 2-11, 3-6, 3-55,
3-122, 3-129

U

Underground Mining, 3-92, 3-94

U.S. Army Corps of Engineers, 2-15, 3-79, 3-81, 3-82,
3-85, 3-130, 3-131, 3-132, 3-133, 3-134, 4-1, 4-4, 4-8,
4-10, 4-11, 4-21

U.S. Coast Guard, 3-79, 3-82, 3-132, 4-1, 4-3, 4-5, 4-21

U.S. Environmental Protection Agency, 3-14, 3-31, 3-53,
3-54, 3-55, 3-57, 3-58, 3-82, 3-85, 3-86, 3-132, 4-1, 4-3,
4-6, 4-7, 4-21

U.S. Fish and Wildlife Service, 3-73, 3-78, 3-82, 3-96,
3-97, 3-98, 3-99, 3-100, 3-102, 3-107, 3-108, 3-110, 4-1,
4-3, 4-8, 4-12, 4-11, 4-12, 4-21

V

Vehicles, 3-6, 3-17, 3-30, 3-56, 3-57, 3-116
, 4-26

Vibration, Ground-borne, 3-31, 3-38, 3-42, 3-49, 3-51,
3-52, 3-53

Views from the Train, 3-73, 3-74, 3-75, 3-76

Views of the Railroad Facilities, 3-74, 3-75, 3-77

Visual Resources, 2-26, 3-73, 3-76, 3-77

Volatile Organic Compound, 3-53, 3-54, 3-58

W

Waste, Hazardous, 2-26, 3-57, 3-60, 3-61, 3-115, 3-117

Waste, Solid, 3-61

Water Bodies, 2-26, 3-74, 3-78, 3-79, 3-80, 3-81, 3-86,
3-91, 3-116, 3-117, 3-122, 3-127

Water Quality, 2-26, 3-60, 3-79, 3-85, 3-86, 3-87, 3-88,
3-100, 3-113, 3-114, 3-115, 3-117, 3-120, 3-127, 3-129,
3-131, 3-132, 4-4, 4-10, 4-30

Waterfowl Production Areas, 3-67, 3-95

Waterways, 2-26, 3-78, 3-79, 3-80, 3-81, 3-84, 3-85,
3-89, 3-90, 3-122, 4-3, 4-5

Wetland Hydrology, 3-83

Wetlands, 2-4, 2-6, 2-7, 2-26, 3-70, 3-73, 3-78, 3-82,
3-83, 3-84, 3-85, 3-97, 3-99, 3-103, 3-104, 3-115, 3-117,
3-118, 3-122, 3-127, 3-128, 3-130, 3-135, 4-3, 4-4, 4-7,
4-8, 4-10, 4-11, 4-33

Wildlife, 2-4, 2-7, 2-27, 3-67, 3-68, 3-69, 3-70, 3-71,
3-73, 3-95, 3-96, 3-97, 3-98, 3-99, 3-100, 3-101, 3-102,

3-107, 3-108, 3-109, 3-118, 3-121, 3-122, 3-126, 3-128,
3-132, 3-134, 4-3, 4-7, 4-8, 4-11

Wildlife Management Areas, 3-67, 3-68, 3-71, 3-73,
3-95, 3-97, 3-134

Wildlife Refuges, 3-97, 3-99, 3-100

Woodland, 3-75, 3-96, 3-101

Woodland, Riparian, 3-73, 3-74, 3-75, 3-97, 3-99, 3-107

Woods, Upland, 3-99

Wyanet Connection, 2-13, 3-2, 3-9, 3-13, 3-29, 3-59,
3-64, 3-69, 3-71, 3-75, 3-80, 3-86, 3-89, 3-93, 3-97,
3-106, 3-114, 3-119, 3-124, 4-13, 5-1, 5-2

Z

Zoning, 2-26, 3-7, 3-9, 3-10, 3-11