



Hall County Regional Planning Commission

Wednesday, February 02, 2011
Regular Session

Item F4

Adoption of the Grand Island 1 & 6 Year Street Improvement Plan

Insert a narrative here


Staff Contact:

1 & 6 YEAR STREET IMPROVEMENT PLAN


Presented by: Gary Mader / Terry Brown

Proposed 1 & 6 Year Street Improvement Plan

 = Railroad Transportation Safety District

 = Highway Safety Improvement Program (90/10)

 = Street Transportation Projects (80/20)

 = Transportation Enhancements Funds (80/20)

 = Safe Routes to Schools

2011 Construction (Year 1) = \$1,862,000

Budgeted Amount = \$2,689,081

CITY COST

Construction of NW GI Flood Control Project = \$400,000

 Realign Walnut Ent. @ Custer/15th St w/ Signal (SRTS) = \$27,000

Build Pipes from US Hwy 30 to Wasmer Cell = \$32,000

Build Drainway from CCC to Wood River = \$350,000

Quiet Zone – UPRR Corridor – Oak, Pine, Elm & Walnut = \$7,000

Signal @ N Front St & Webb Rd = \$80,000

PVIP Drainage Project – Phase 1 = \$127,000

 Trail along Moores Creek Drain – State to Capital Connector = \$12,000

Moores Creek Drain – Rogers Well to South of Old Potash = \$220,000

Annual Paving Program (Assessment Districts) = \$532,000

Annual Sidewalk Projects = \$25,000

Concrete Lining of Drainage Ditches = \$50,000

Proposed 1 & 6 Year Street Improvement Plan



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2012 Construction (Year 2) = \$3,106,000

CITY COST

Construction of NW GI Flood Control Project =	\$400,000
Husker Hwy (US Hwy 34) from US Hwy 281 to Locust St =	\$100,000 (NDOR)
 Blaine St bridges over Wood River =	\$100,000
 Mormon Island Trail Bridges =	\$101,000
Realign Walnut Ent @ Custer/15 th St w/ Signal =	\$30,000
Build Pipes from US Hwy 30 to Wasmer Cell =	\$430,000(60/40?)
Quiet Zone – UPRR Corridor – Oak, Pine, Elm & Walnut =	\$450,000
Trail along Moores Creek Drain – State to Capital Connector =	\$70,000
Hwy 30 Concrete Repair (Grant to Claude Rd) =	\$600,000 (NDOR) (50/50)
Concrete Lining of Drainage Ditches =	\$50,000
Annual Sidewalk Projects =	\$25,000
Annual Paving Program (Assessment Districts) =	\$750,000

Proposed 1 & 6 Year Street Improvement Plan



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= Safe Routes to Schools

2013 Construction (Year 3) = \$2,688,750

CITY COST

Construction of NW GI Flood Control Project =		\$400,000
Misc Federal Aid Resurfacing (Various locations) =		\$550,000
Quiet Zone – UPRR Corridor – Lincoln, Broadwell & Blaine/Custer =		\$370,000
Independence Ave Ditch – Design =		\$80,000
Trail along Veteran’s Home from Capital & Webb to Eagle Scout Park =		\$120,000
Update Moores Creek Drainage Plan =	Tied together as one project	\$39,000
Integrated Comprehensive Drainage Plan =		\$80,000
Concrete Lining of Drainage Ditches =		\$50,000
PVIP Drainage Project – Phase 2 =		\$99,750
Signal @ US Hwy 30 (2 nd St) & Lincoln Ave =		\$55,000
Independence – Construct Culverts & Fill in West Ditch =		\$70,000
Annual Sidewalk Projects =		\$25,000
Annual Paving Program (Assessment Districts) =		\$750,000

Proposed 1 & 6 Year Street Improvement Plan



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= Transportation Enhancements Funds (80/20)



= Highway Safety Improvement Program (90/10)






= Safe Routes to Schools



= Street Transportation Projects (80/20)

2014 Construction (Year 4) = \$1,807,500

	<u>CITY COST</u>
Construction of NW GI Flood Control Project =	\$400,000
 Trail along Locust from I-80 to Wood River Floodway =	\$120,000
 Capital Ave – Webb Rd to Broadwell Ave =	\$350,000 (20% match)
Concrete Lining of Drainage Ditches =	\$50,000
US 30 Resurfacing – West City Limits to HWY 281 =	\$0 (NDOR Funded)
 Faidley Ave – North Rd east to Irongate Ave (approx 2,000') =	\$112,500
Annual Sidewalk Projects =	\$25,000
Annual Paving Program (Assessment Districts) =	\$750,000

Proposed 1 & 6 Year Street Improvement Plan



= Railroad Transportation Safety District



= Highway Safety Improvement Program (90/10)



= Street Transportation Projects (80/20)





= Transportation Enhancements Funds (80/20)








= Safe Routes to Schools

2015 Construction (Year 5) = \$1,745,000















	<u>CITY COST</u>
Construction of NW GI Flood Control Project =	\$400,000
Concrete Lining of Drainage Ditches =	\$50,000
 Trail along I-80 from Mormon Island to Locust =	\$120,000
Annual Sidewalk Projects =	\$25,000
Lighting on US Hwy 281 from Stolley Park Rd to Old Potash =	\$250,000
 Signal @ US Hwy 34/281 and Wildwood Rd =	\$150,000
Annual Paving Program (Assessment Districts) =	\$750,000

Proposed 1 & 6 Year Street Improvement Plan


-  = Railroad Transportation Safety District
-  = Highway Safety Improvement Program (90/10)
-  = Street Transportation Projects (80/20)


-  = Transportation Enhancements Funds (80/20)
-  = Safe Routes to Schools


2016 & After Construction (Year 6 & After) = \$22,975,200

	<u>CITY COST</u>
 Trail – along Locust from US Hwy 34 to Stagecoach =	\$120,000
US 30 Widening – West City Limits to Hwy 281 (2018) =	\$9,000,000 (NDOR 50/50)
 Broadwell Ave/UPRR – Construction =	\$2,160,000
Concrete Lining of Drainage Ditches =	\$50,000
Annual Sidewalk Projects =	\$25,000
 Stolley – Fonner/HEC/Fair Entrance to Stuhr Road =	\$184,000
 Husker Hwy West of US Hwy 34/281 Intersection =	\$1,200,000
 Signal @ US Hwy 34/281 and Rae Road =	\$67,000
 Misc Safety Projects – TBD =	\$150,000
 North Rd over UPRR =	\$1,520,000
 Stolley Park Rd & North Rd Intersection =	\$146,000
 Left Turn Lane on 13 th @ Redwood/Mansfield =	\$62,000
 State/Diers Intersection Improvements =	\$390,000
 Left Turn Lane on Husker Hwy @ HLHS =	\$62,000
 Shady Bend Road @ UPRR East Bypass =	\$3,200,000
 Webb Rd widening from UPRR to south of Stolley Park Rd =	\$300,000 (added by council)
 Broadwell Ave widening north of Capital Ave to Airport Rd =	\$240,000 (added by council)


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 = Street Transportation Projects (80/20)

2016 & After Construction (Year 6 & After) (cont.)

	<u>CITY COST</u>
 Left Turn Lane – North Rd @ NWHS =	\$56,000
 Misc Signals – TBD =	\$112,000
Annual Paving Program (Assessment Districts) =	\$750,000
 North Rd & 13 th St Intersection Improvements =	\$300,000
 North Rd & Old Potash Intersection Improvements =	\$300,000
 Realign Barr Ent @ Stolley/Adams w/ Signal =	\$360,000
 Stolley Park Rd - Locust St. to Webb Rd Safety Improvement	\$100,000
 State Street – Webb Rd to Broadwell Ave Safety Improvement	\$150,000
Misc Major Drainage Development =	\$250,000
 Swift Rd – WWTP to Stuhr Rd =	\$90,000
 Resurface Wildwood Rd from US Hwy 281 to Locust St =	\$175,200
Moores Creek – Old Potash to Edna =	\$150,000
3 rd St Widening – Adams to Eddy =	\$90,000
 Blaine Street – Schimmer Dr to Wildwood Dr	\$200,000
 Capital Ave – Broadwell Ave to St. Paul Rd =	\$200,000
 Broadwell Ave/UPRR – Environmental Study/Preliminary Engineering =	\$128,000 (moved by council)
 Broadwell Ave/UPRR – Final Design & ROW Appraisal =	\$128,000 (moved by council)
 Broadwell Ave/UPRR – ROW =	\$200,000 (moved by council)
 Capital Ave & North Rd Intersection Improvements =	\$360,000 (moved by council)