

Starke County Highway Department
Monthly Report – July 1strd, 2019

BRIDGE WORK	ROAD WORK	OTHER ACTIVITIES
#7 REPLACEMENT IN DESIGN	CR210/600S INTERSECTION IMPROVEMENT COMPLETE 5/24/19	CROSSWALK INSTALLATION AT BOA SHORES JULY/AUGUST
BRIDGE #154 REPLACEMENT CONSTRUCTION - APR 8 TO IN PROGRESS JULY 3	CROWN HOT MIX FROM 600E TO SR23 JULY (3 mi)	TRAINING / MORNING OST MEETINGS LTAP ACCREDITATION BLISS MCKNIGHT
#140 REPLACEMENT AWARDED OCT 19 TO JCI OR SPRING 20	CHIP SEAL ROUND 1 JUNE (20 mi)	SIGNAGE UPGRADES
CULVERT CLEANING COMPLETED 4/26/19 (52)	COLD MIX PAVING Rds 1 & 2 25 JUNE 25 TH - SEP (3) (0)	PATCHING
CULVERT REPLACEMENTS APRIL - OCTOBER (21) (15)	CRACK SEAL AUGUST (20 mi)	MOWING (6 MOWERS)
BRIDGE CLEANING (57) APRIL/MAY COMPLETED 4/22/19	REBUILD + REOPEN 1100E FROM 150N TO 300N	BRUSH CUTTING BUCKET TRUCK
BRIDGE SEALING SEPTEMBER (44)	CHIP SEAL RD. 2 (30 mi) 1 AUG/SEP BERMING	HAUL MATERIAL AS NEEDED
		GRANT APPLICATIONS
		TRASH + ROADKILL
		FACILITY UPGRADES
		ROAD CREW STARTED 6/3/19
		DUST (AS NEEDED) CONTROL
		GRADE GRAVEL ROADS
		ROUTINE TRUCK INSPECTIONS
		SPEED LIMIT INVESTIGATIONS
		PURDUE REQUESTED SAFETY AUDITS

Culvert Collapse – CR700E between CR600N and CR70N



TYPE OF REPAIR	PROS	CONS	ESTIMATED COST	ESTIMATED COMPLETION DATE	SUPPLIER
BRIDGE REPLACEMENT Continuous slab top	life span of 75 to 100 years; easy to maintain, provides best bank stabilization	expensive; road will be closed for most of the fall school semester	\$300,000.00 TO \$350,000.00	Nov-19	Contractor
Modular Bridge	quick build time for a bridge; less expensive than slab top; good bank stabilization; life span from 50 to 75 years	still fairly expensive; unproven in this area	\$200,000 TO \$300,000	Sep-19	E3 Bridge
Aluminum Box Culvert	quick build time, fairly inexpensive	we have not had the best luck with these due to installation errors and poor subsoils; lasts about 20 to 50 years	\$150,000 to \$225,000	Sep-19	ConTech
Twin Culverts	least expensive; can be done with local forces	lasts about 20 to 40 years; potentially high maintenance due to debris accumulation; potential bank stabilization problems due to bend in creek	\$50,000 to \$75,000	Aug-19	Debco

LTAP INTERSECTION ANALYSIS AND SPEED STUDIES

The Starke County Highway Department is requesting LTAP's assistance in assessing the safety of three intersections:

1. CR 300 East at Toto Road – 300 East zig-zags north and south across Toto Road at the bottom of the crest of a hill, which creates challenges in terms of visibility. Additionally 300 East runs north into the Knox Industrial Park, with long-term plans to upgrade the pavement to Toto Road in order to accommodate truck traffic. North/South traffic stops; East/west traffic does not.
2. CR 500 S at CR 260 West – 260 West Ts into 500 South. The surrounding area is densely populated, and the terrain is uneven. Traffic on 500 S does not stop.
3. CR 250 W at CR 700 S – This is a two-way stop north and south on 250 W. Residents in the area are complaining about poor visibility and excessive vehicle speed and cite the number of children living in the area as a concern.

Speed study now available after US30 data collection is over (show report example)

ROUND ONE PAVING

COLD MIX PAVING ROUND 1

	<u>MILES</u>
700S FROM 200E TO 300E	1
200E FROM 800S TO 900S	1
600E FROM 800S TO 900S	1
850E FROM ^{NORTH OF} 850S TO 625S	2
900E FROM 625S TO 550S	.75
450S FROM 1000E TO 1150E	1.5
600W FROM 500S TO SR10	1
100W FROM 800S TO GRAVEL	.75
100W FROM 400S TO 450S	.50
SAN PIERRE - WEST SIDE	2
BOURNE'S SUB	2

Monday, July 1

Moose — Return July 8

Brendan - Vacation → July 5

Lowe - Vacation

ED DAYS OFF - July
1, 8, 15, 19, 29

WORK ASSIGNMENTS

7-01-19

Paving 600E BIT 800S + 900S

Paver

Ricky
Reid
Tony
Louie

loader

Ralph

Haul to Paver

Bryon - TK #12
Adam - TK #17
harry - TK #16
Jeremiah - Shawn
James - Chesten
Mike - Steve
Francis

REK SUPERINTENDENT
DAVE FOREMAN
RICKY FOREMAN
RALPH SENIOR DRIVER
BOB - CONSTRUCTION INSPECTOR
MARY - OFFICE MANAGER
LAURA - ASSET MANAGER

mowers

Taylor
GARY
Doug

ED

MECHANICS

CARY*
BRENDAN

TRAINING

This month, besides our usual weekly morning meetings, we sent employees to the following trainings:

IACHES (Indiana Association of County Highway Engineers and Suprvisors) conference

LTAP Road Scholar class #1 Asset Management

Construction Inspector Bridge test – Stephen David, and Shawn McCarthy

UPCOMING TRAININGS

LTAP Crack Seal Training 7/23/2019

LTAP Road Scholar #5 Roadway Safety

August 8th Road Scholar awards Ralph Saine, Dale Conley, and Rachel Oesterreich

US30 COALITION –

A note: We are not advocating US30 project, but advocating the interests of Sktarke County

Not much change since my last report. We have completed all our internal data collection and planning. If there is no change in status by the next time we our invoiced for our dues and/or if INDOT has begun to complete their smaller scale projects on US30 it is recommended that we do not pay.

STELLAR COMMUNITIES APPLICATION

We are meeting with DLZ tomorrow to discuss specific design topics related to several of our proposed Stellar projects.

Time	Community	Projects	DLZ	Representative
8:00 - 8:45	San Pierre	Park Improvements	Sara Hicks	Larry Wickert
8:45 - 9:30	Hamlet	Park Improvements	Sara Hicks	
9:30 - 10:15	Koontz Lake	Park Improvements	Sara Hicks	
10:15 – 11:15	Bass Lake	Beach House, Landscape, Streetscape, Park	Sara Hicks, Zach Flagle	Rik Ritzler
11:15 - 12:00	N. Judson	Park Improvements, NorWayne Restroom	Sara Hicks, Zach Flagle	Andrew Rowe
8:00 – 10:00	County	Trail	Paul Foster	Rik Ritzler
12:00 - 1:00	Lunch Break			
1:00 - 1:30	Knox	Downtown and Parks	Sara Hicks	Mayor Dennis Estok

INDOT INQUIRIES

- 1) Koontz Lake Dam and fishing area mowing - Completed
- 2) Koontz Lake flooding Iroquois/SR23 – Awaiting response, may place catch basin
- 3) Bass Lake realignment of SR10 – INDOT is looking for old plans
- 4) No passing zone on US35 near 500S --- pending INDOT investigation
- 5) State maintenance done by the County ---pending meeting w/ INDOT
- 6) BLPOA building drainage issue –Awaiting response