



Board of Commissioners of Cook County

118 North Clark Street
Chicago, IL

Legislation Details (With Text)

File #:	16-4771	Version:	1	Name:	Fracture Critical, Hands On and In Depth Bridge Inspection Program
Type:	Appropriating Resolution (Highway)	Status:			Approved
File created:	8/9/2016	In control:			Board of Commissioners
On agenda:	9/14/2016	Final action:			9/14/2016
Title:	PROPOSED APPROPRIATING RESOLUTION (TRANSPORTATION AND HIGHWAYS)				

Department: Transportation and Highways

Other Part(ies): N/A

Request: Approval

Good(s) or Services(s): Fracture Critical, Hands On and In Depth Bridge Inspection Program

Location: Various Location within Cook County

County Board Districts: 5, 6, 11, 14, 16, 17

Section: 16-6BIST-00-ES

Fiscal Impact: \$480,000.00

Accounts: Motor Fuel Tax Fund: 600-585 Account

Summary: Motor Fuel Tax Project

The Department of Transportation and Highways respectfully submits for adoption a resolution appropriating funds for the inspection, by an outside consulting firm, of ten (10) steel truss bridges at the following locations:

FRACTURE CRITICAL/IN-DEPTH INSPECTION LOCATION

104th Avenue (CH W25) over Calumet Sag Channel in Unincorporated Palos Township

Ridgeland Avenue (CH W37) over Calumet Sag Channel in the Village of Alsip and City of Palos Heights

Crawford Avenue (CH W43) over Calumet Sag Channel in the Villages of Alsip and Crestwood

Francisco Avenue (CH W95) over Calumet Sag Channel in the Unincorporated Worth Township

IN-DEPTH INSPECTION LOCATION

Central Avenue (CH W39) over ICG RR & Ground in the Village of Forest View and Unincorporated Stickney Township

Central Avenue (CH W39) over Sanitary Drainage & Ship Canal (North of I-55) in the Villages of Forest View, Stickney and unincorporated Stickney Township

Barrypoint Road (CH W88) over Des Plaines River in the Village of Riverside and Unincorporated

Forest Preserve

East Lake Avenue (CH A59) under C. & N.W. R.R.in the Village of Glenview

East Lake (CH A50) under SOO(WICT) AMTK. R.R. in the Village of Glenview

Lake Cook Road (CH A50) under SOO Line (METRA) R.R in the Village of Deerfield

Lake Cook Road (CH A50) under C. & N.W. R.R. in the Village of Northbrook

Sauk Trail Road (CH C11) under I.C.G. R.R. (Main Line) in the Village of Richton Park

Sauk Trail Road (CH C11) under I.C.G. R.R. (Commuter) in the Village of Richton Park

This work, as proposed, will consist of the inspection and non-destructive testing of fracture critical and non-redundant steel bridge members and connections to determine the structural adequacy of the bridges, including a written report for each bridge addressing structural adequacy, deficiencies and recommendations for remediation, as more fully described in an Engineering Services Agreement to be presented to your Honorable Body at a later date.

Sponsors:

Indexes: (Inactive) JOHN YONAN, P.E., Superintendent, Department of Transportation and Highways

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
9/14/2016	1	Board of Commissioners	approve	Pass

PROPOSED APPROPRIATING RESOLUTION (TRANSPORTATION AND HIGHWAYS)

Department: Transportation and Highways

Other Part(ies): N/A

Request: Approval

Good(s) or Services(s): Fracture Critical, Hands On and In Depth Bridge Inspection Program

Location: Various Location within Cook County

County Board Districts: 5, 6, 11, 14, 16, 17

Section: 16-6BIST-00-ES

Fiscal Impact: \$480,000.00

Accounts: Motor Fuel Tax Fund: 600-585 Account

Summary: Motor Fuel Tax Project

The Department of Transportation and Highways respectfully submits for adoption a resolution appropriating funds for the inspection, by an outside consulting firm, of ten (10) steel truss bridges at the following locations:

FRACTURE CRITICAL/IN-DEPTH INSPECTION LOCATION

104th Avenue (CH W25) over Calumet Sag Channel in Unincorporated Palos Township

Ridgeland Avenue (CH W37) over Calumet Sag Channel in the Village of Alsip and City of Palos Heights

Crawford Avenue (CH W43) over Calumet Sag Channel in the Villages of Alsip and Crestwood

Francisco Avenue (CH W95) over Calumet Sag Channel in the Unincorporated Worth Township

IN-DEPTH INSPECTION LOCATION

Central Avenue (CH W39) over ICG RR & Ground in the Village of Forest View and Unincorporated Stickney Township

Central Avenue (CH W39) over Sanitary Drainage & Ship Canal (North of I-55) in the Villages of Forest View, Stickney and unincorporated Stickney Township

Barrypoint Road (CH W88) over Des Plaines River in the Village of Riverside and Unincorporated Forest Preserve

East Lake Avenue (CH A59) under C. & N.W. R.R. in the Village of Glenview

East Lake (CH A50) under SOO(WICT) AMTK. R.R. in the Village of Glenview

Lake Cook Road (CH A50) under SOO Line (METRA) R.R in the Village of Deerfield

Lake Cook Road (CH A50) under C. & N.W. R.R. in the Village of Northbrook

Sauk Trail Road (CH C11) under I.C.G. R.R. (Main Line) in the Village of Richton Park

Sauk Trail Road (CH C11) under I.C.G. R.R. (Commuter) in the Village of Richton Park

This work, as proposed, will consist of the inspection and non-destructive testing of fracture critical and non-redundant steel bridge members and connections to determine the structural adequacy of the bridges, including a written report for each bridge addressing structural adequacy, deficiencies and recommendations for remediation, as more fully described in an Engineering Services Agreement to be presented to your Honorable Body at a later date.