

# OLD CHENEY PAVEMENT REPAIR PROJECT

## 40th Street to Highway 2

LCLC - 5202(9), C.N. 13315, City 540041

### INTENT OF PROJECT

This would be a pavement preservation project intended to maintain and improve the driving surface of the existing roadway. Through the environmental process, the City has received comments and questions about how work at the 56th Street and Old Cheney Road intersection would be completed. As a result, alternative means and methods of construction are being evaluated. The City is evaluating options for minimizing impacts during construction.

### SCOPE OF WORK

Construction would include repairing or removing and replacing deteriorated concrete panels, joints and curbs, milling the concrete surface and covering with asphalt, and sealing joints and cracks. Other work would include removing and replacing damaged storm drainage inlet tops, utility adjustments, and restoration of impacted traffic signal elements impacts.



### PROJECT SCHEDULE

The project is currently in the preliminary design and environmental review phase. Pending review and approval, construction could begin as early as spring 2017 and would be expected to take approximately six months, weather permitting.

### RIGHT-OF-WAY

All work would be anticipated to take place within existing right-of-way and easements.

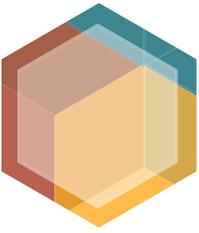
### TRAFFIC DURING CONSTRUCTION

Work would be completed using lane closures with one lane of traffic open in each direction on Old Cheney Road. Exceptions would be a brief closure at the 56th Street intersection and turning movement restrictions at the 48th Street intersection. The Old Cheney trail may be temporarily affected. Temporary detours would be used to maintain vehicular and pedestrian traffic. For more information see access during construction graphic on page 3.

**48th Street & Old Cheney Road:** One traffic lane in each direction would be maintained at all times for east and westbound vehicles with restrictions placed on turning movements. Restricted turning movement traffic would be detoured along Highway 2 from 40th Street to 56th Street for a duration not to exceed ten (10) calendar days.

**56th Street & Old Cheney Road:** A full intersection closure would be necessary to complete concrete pavement repairs within this intersection. All traffic would be detoured on 48th Street, Highway 2, 70th Street and Pine Lake Road for a duration not to exceed twenty (20) calendar days.

Access to adjacent properties would be maintained and any access restrictions would be coordinated with the property owner. Properties with multiple entrances would have one entrance open at all times, unless otherwise agreed to by the property owner. Access for emergency vehicles would be maintained at all times. Pedestrian access to businesses, residences, and trails would be maintained throughout the duration of the project via alternate pedestrian routes and or detours. See Proposed Detour Map on page 3. Existing and future projects are included in the Projects in the Area exhibit on page 4.

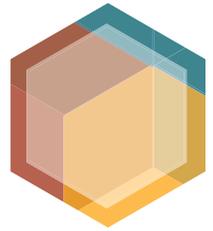


**ALTERNATIVES CONSIDERED**

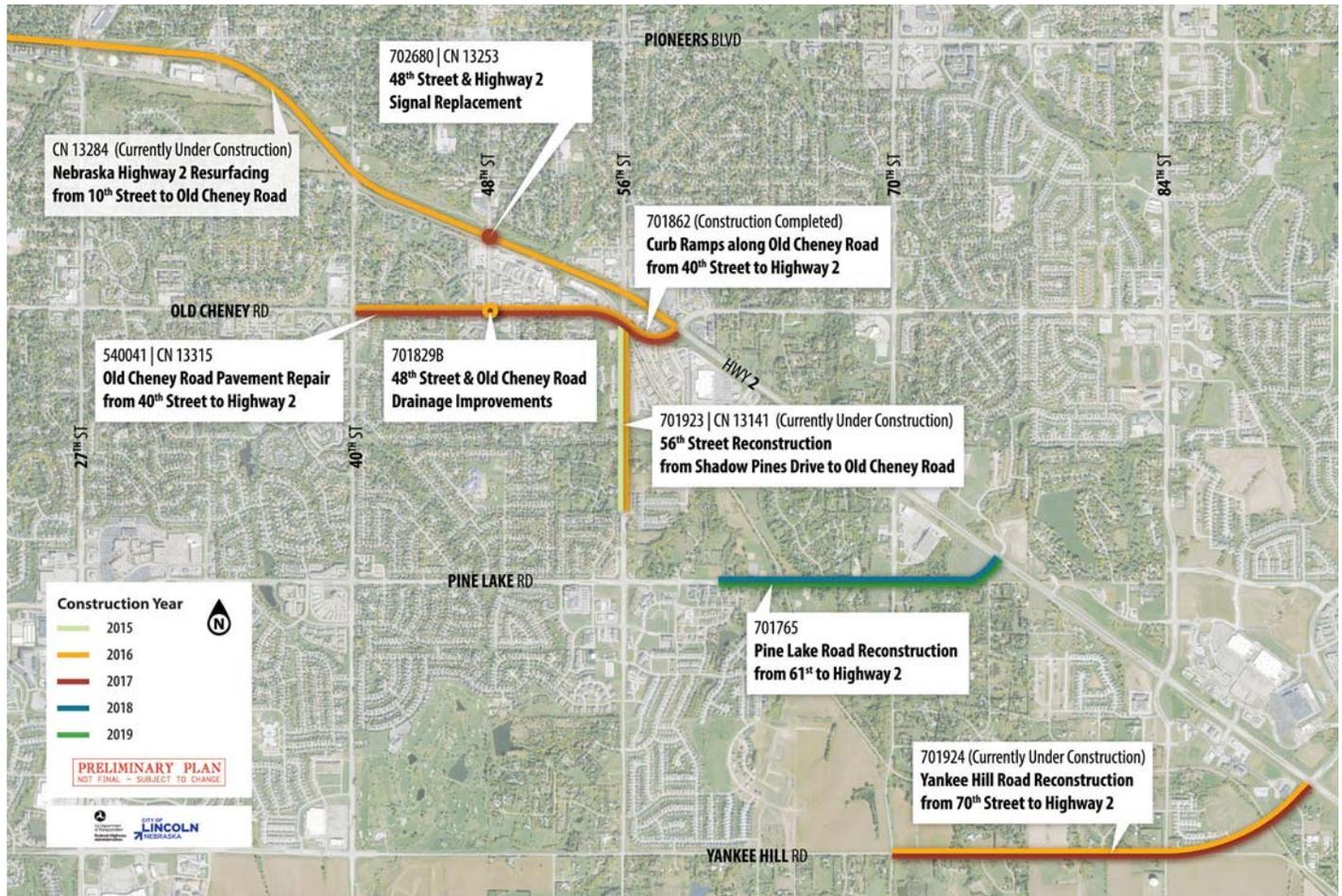
	SCOPE OF WORK/ TYPE OF CONCRETE	TRAFFIC CONTROL/ ACCESS	MINIMUM SAFETY STANDARDS	DAILY CONSTRUCTION	ESTIMATED DURATION (DAYS)	MINIMUM QUALITY STANDARDS	COST RELATIVE TO PREFERRED
1	Repair W/ 47B	Full Intersection Closer	Exceeds	Standard	24	Yes	93%
2	Repair w/47B-HE	Full Intersection Closure	Exceeds	Standard	14	Yes	100%
3	Repair w/ PR3	Full Intersection Closure	Meets	Night Time Only	14	No	164%
4	Repair w/ 47B-HE	Lane Closure Only	Meets	Standard	28	Yes	137%
5	Repair w/ PR3	Lane Closure Only	Meets	Night Time Only	24	No	218%
6	Full Reconstruction w/ 47B	Full Intersection Closure	Exceeds	Standard	28	Yes	154%
7	Full Reconstruction w/ 47B-HE	Full Intersection Closure	Exceeds	Standard	14	Yes	164%

■ Preferred ■ Not Viable



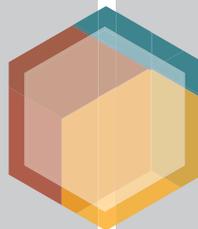


## PROPOSED PROJECTS IN THE AREA



## PROJECT CONTACTS

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