

# PROGRAMMATIC CATEGORICAL EXCLUSION

Project #: SS-7-016(008)121 PCN: 19492 Date: 12/3/2015

The work for this project is generally confined to the roadway surface with the exception of some Structural, Guardrail, ITS, and Miscellaneous types of work. Select all work items that will be applied to the project. The pavement marking will be replaced if removed or covered as a part of the project. The abbreviation in the parentheses designates the investment strategy in the Design Guidelines (PM = Preventive Maintenance, MiR – Minor Rehabilitation, SI = Structural Improvement, MaR = Major Rehabilitation, N/R = New/Reconstruction).

- The "Decision Document for ECL" is required for any work item selected below that is designated as: (MiR), (SI), (MaR), (N/R), or (-Dec.Doc.) and is also required for any projects located within the 12 major cities.
- Attach Worksheet C – Supporting Documentation for any work item selected below designated with (+)

**1) Surface Treatments:** Use additional pages to discuss the applicable Americans with Disabilities Act (ADA) of 1990 requirements. An asterisk (\*) denotes ADA requirements may be required as a part of the project.

<input type="checkbox"/>	Seal Coat (PM)	<input type="checkbox"/>	Aggregate Surfacing (PM)
<input type="checkbox"/>	Slurry Seal (PM)	<input type="checkbox"/>	*Patching (PM)
<input type="checkbox"/>	Microsurfacing (PM)	<input checked="" type="checkbox"/>	*HBP ≤ 2" (PM)
<input type="checkbox"/>	Macrosurfacing (PM)	<input type="checkbox"/>	*Mill and Overlay ≤ 2" (PM)
<input type="checkbox"/>	Crack Pouring/Sealing (PM)	<input type="checkbox"/>	*HBP up to 3" (MiR)
<input type="checkbox"/>	Route and Seal (PM)	<input type="checkbox"/>	*Mill and Overlay up to 3" (MiR)
<input type="checkbox"/>	Repair of depressed cracks (PM)	<input type="checkbox"/>	*HBP > 3" (SI)
<input type="checkbox"/>	Dowel Bar Retrofit (PM)	<input type="checkbox"/>	*White Topping (SI)
<input type="checkbox"/>	Mudjacking (PM)	<input type="checkbox"/>	*Cold in Place Recycle (MiR)
<input type="checkbox"/>	Grinding (PM)		
<input type="checkbox"/>	CPR ≤ 10% area per mile (PM)		

**2) Minor Structural Work:**

<input type="checkbox"/>	Mudjacking (PM)	<input type="checkbox"/>	+Deck Replacement (N/R)
<input type="checkbox"/>	Approach Slabs (PM)	<input type="checkbox"/>	+Deck Rehabilitation (MaR)
<input type="checkbox"/>	Sealing Deck/Substructures (PM)	<input type="checkbox"/>	+Abutment Repair (PM)
<input type="checkbox"/>	Painting (PM)	<input type="checkbox"/>	+Slope Repair/ Protection (PM)
		<input type="checkbox"/>	+Rail Retrofit (PM)

**3) Guardrail Work:**

Guardrail Removal, Resetting, or Installation (+if embankment required)

**4) Intelligent Transportation Systems (ITS):** The purpose is to install, replace, or update items.

- +Automated Traffic Recorder, ATR (-Dec.Doc.)
- +Weigh in Motion, WIM (-Dec.Doc.)
- +Environmental Sensor Station (ESS) (-Dec.Doc.)
- +NDDOT Road Weather Information System, RWIS (-Dec.Doc.)
- +Dynamic Message Signs, DMS (-Dec.Doc.)
- +Surveillance Camera (-Dec.Doc.)
- +Video Detection System for Signals

**5) Miscellaneous Items:** The purpose is to install, replace, or update items.

<input checked="" type="checkbox"/>	Rumble Strips (PM)	<input type="checkbox"/>	+Flashing Beacon (-Dec.Doc.)
<input checked="" type="checkbox"/>	Pavement Markings (PM)	<input type="checkbox"/>	+Pedestrian Facilities/Curb Ramps
<input type="checkbox"/>	Railroad Warning Devices	<input type="checkbox"/>	+Landscaping (-Dec.Doc.)
<input type="checkbox"/>	Fencing (-Dec.Doc.)	<input type="checkbox"/>	+Pipe Repair/Replacement
<input type="checkbox"/>	+Traffic Signals (-Dec.Doc.)	<input type="checkbox"/>	+Advanced Acquisition of ROW (-Dec.Doc.)
<input type="checkbox"/>	+Signs (-Dec.Doc.)	<input type="checkbox"/>	+Disposal of Excess ROW
<input type="checkbox"/>	+Lighting (-Dec.Doc.)	<input type="checkbox"/>	+Environmental Mitigation (-Dec.Doc.)

**6) Other Types of Work:** \_\_\_\_\_

Ahmed Yusuf  
Ahmed Yusuf Williston District

12/3/15  
Date

## Worksheet A ENVIRONMENTAL CHECK LIST

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Answer the environmental questions below. If any of the questions below are answered "YES", attach Worksheet C – Supporting Documentation and coordinate with the ETS Division for environmental and cultural clearance or permits.

Yes  No SECTION 4(F)/6(F): Are there any impacts to Section 4(f) or 6(f) property (public owned land of a public park, recreation area, or wildlife and waterfowl refuge and historic sites)?

Yes  No HISTORIC / ARCHAEOLOGICAL: Are there any impacts to HISTORIC / ARCHAEOLOGICAL properties?

Yes  No THREATENED OR ENDANGERED SPECIES: Does the action affect species or critical habitat protected by the Endangered Species Act?

Yes  No RIGHT OF WAY: Is there any action required for new right of way or temporary easement, minor access change, relocations, and does it have any risk of hazardous materials involvement?

Yes  No PRIME AND UNIQUE FARMLAND: Does this action involve the acquisition of prime and unique farmland?

Yes  No STATE SCENIC RIVER: Does the action impact the Little Missouri River, a state designated scenic river?

Yes  No FLOODPLAIN/FLOODWAY: Based on SOV Letter #6 to the ND State Water Commission, is the project located in a floodplain or floodway? (SOVs are required for projects as noted in section II-05.02.01 of the Design Manual).

Yes  No WETLANDS: Does the action have temporary or permanent impacts to any wetlands?

Yes  No NOISE: Is this action a Type I action in accordance with 23 CFR 772 and does it significantly impact noise levels? (Increases the carrying capacity of the roadway by allowing more volume).

Yes  No AIR: Will the action significantly impact air quality?

Yes  No WATER QUALITY: Does the project disturb greater than one acre and if it does a Pollution Discharge Elimination System NDPDES (NDDOH) / NPDES (EPA) Construction Permit must be obtained.

Yes  No PUBLIC CONTROVERSY: Is this action controversial?

  
\_\_\_\_\_  
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### Worksheet B PROJECT DATA

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Estimated Cost: \$ 3,497,130 STIP Cost: \$ 3,814,000

Traffic Volumes: Current ADT: 460 Percent Trucks: 41.3

Highway Classification

- Interstate
- State Corridor
- Interregional
- District Corridor
- District Collector
- Other -

Cross Section

- Rural Two Lane
- Interstate Divided
- Rural Divided
- Urban (all cross sections)

Type of Project: PM Overlay

Existing Roadway Width: 27 \*Proposed Roadway Width: 27 Minimum Roadway Width Required: 24

***\*If the proposed roadway width is less than the minimum roadway width required in the Design Guidelines, forward to the Planning & Programming Division***

Any Design Exception required for this project: Yes \_\_\_\_\_ No x  
(Check the Design Guidelines)

Have any safety issues been identified through the Statewide Safety Program? Yes \_\_\_\_\_ No X

If yes, what: \_\_\_\_\_

What are the ADA Requirements to be considered for improvements?  
None

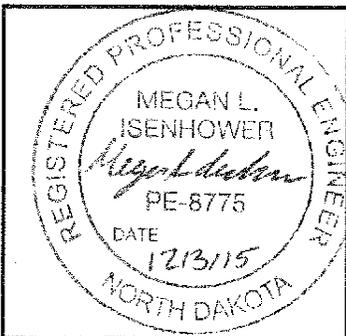
Have any traffic control devices been identified that do not comply with the current MUTCD?  
Yes \_\_\_\_\_ No X If yes, what? \_\_\_\_\_

Do all railroad crossings have adequate protective devices in place? Yes \_\_\_\_\_ No X  
If no, what? \_\_\_\_\_

Is the project located within 5 miles of an airport? \*Yes \_\_\_\_\_ No X  
***\*If yes, send general SOV letter and coordinate with NDDOT Utilities Engineer***

**Cost Effective Analysis:**

STRUCTURAL IMPROVEMENT		PREVENTIVE MAINTENANCE	
Improvement Cost	\$720,000	PM Overlay	\$210,000
Estimated Service Life	20	Estimated Design Life	4.99
Discount Rate	4%	Discount Rate	4%
Life Cycle Cost	\$720,000	Life Cycle Cost	\$720,000



This document was originally issued and sealed by Megan L Isenhower, Registration number PE-8775 on 12/3/15 and the original document is stored at the North Dakota Department of Transportation.

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