



NDOT TRANSPORTATION BOARD
FEBRUARY 11, 2019

AGENDA ITEM #9

REQUEST FOR APPROVAL TO PURCHASE
HIGH-SPEED PROFILER

PRESENTED BY DARIN TEDFORD, CHIEF MATERIALS ENGINEER



HIGH-SPEED PROFILERS TRAVEL AT HIGHWAY SPEEDS, VERSUS WALKING SPEED, AND GATHER DATA SUCH AS SMOOTHNESS OF THE PAVEMENT, AND SOMETIMES RUTTING AND FAULTING.

THIS DATA IS USED FOR PRIORITIZATION OF REHABILITATION PROJECTS, ACCEPTANCE OF CONTRACTOR PAVING AND FOR REPORTING STATE AND FEDERAL PERFORMANCE MEASURES




ONE EXAMPLE OF A HIGH-SPEED PROFILER. THIS VERSION MAY ALSO BE MOUNTED ON THE REAR OF THE VEHICLE.



THIS EQUIPMENT IS INCLUDED IN THE
FY18/FY19 BUDGET, APPROVED BY THE
LEGISLATURE IN THE 2017 SESSION.

THE ESTIMATED COST OF THIS EQUIPMENT IS
\$80,000.



NRS 408.389 STATES THE DEPARTMENT SHALL NOT PURCHASE ANY EQUIPMENT WHICH EXCEEDS \$50,000 UNLESS THE PURCHASE IS FIRST APPROVED BY THE BOARD.

THIS NEW EQUIPMENT WILL INCREASE THE EFFICIENCY OF THE DEPARTMENT IN GATHERING THE REQUIRED PAVEMENT CONDITION DATA STATEWIDE



EXISTING DEPARTMENT EQUIPMENT. APPROXIMATE VALUE \$450,000. INCLUDES FULL DATA COLLECTION CAPABILITIES, GPS AND VIDEO, (EQUIPMENT CURRENTLY BEING PLACED ON NEW VEHICLE)



THANK YOU FOR YOUR TIME AND ATTENTION,

QUESTIONS ?