INFORMATION HANDOUT

For Contract No. 09-364304
At Mno-395-106.3/120.5

Identified by
Project ID 0914000038

PERMITS

Nevada Department of Transportation

MATERIALS INFORMATION

Log of Pavement Cores

Existing Pavement Profile Data

Survey Control Data

PERMITS

Nevada Department of Transportation

TEMPORARY

Route: US 395	
Milepost: Do 0.5	NDOT District II
District Permit No.: T-388-15	
Applicant: CALTRANS	
Type of Activity:	
Signs in ROW	
FOR DEPARTMENT USE ONLY	

APPLICATION AND PERMIT FOR TEMPORARY OCCUPANCY OF
NEVADA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY
(Under the Provisions of NRS 408.423 and 408.210)

1. Location where the event and/or occupancy is proposed:

US Route 395 — Local name of highway
Mark Twain Ave. — Street address or nearest cross street

between Milepost 0.50 and Milepost 0.50

2. Describe the event in detail, including the number of participants, the proposed route, the proposed date and time of the event. Please attach plans and/or drawings of the proposed route.

Construction activities are scheduled to take place in the summer of 2016 on US Route 395 in California from PM 106.3 to PM 120.5 (from the town of Walker, CA to the Nevada State line). To alert motorists of approaching construction, California Department of Transportation (Caltrans) is seeking permission to install construction area signs in Nevada on southbound US Route 395 at approximately PM 0.5. Plans are attached that show where the signs will be installed and which signs will be used. Signs will be in place from approximately July 2016 thru November 2016. Please contact Kami Bayer, (kami.bayer@dot.ca.gov) design engineer on this project for any additional information or questions.

Attachments: Project Title Sheet, Construction Area Signs Plan Sheet

EVENT DATE(s): Summer 2016

3. SPECIFIC TERMS AND CONDITIONS FOR THIS PERMIT ARE LISTED ON PAGES 2 & 3.

4. THE PERMIT SHALL BE SIGNED AND RETURNED TO THE DISTRICT OFFICE.

Kami Bayer	Design Engineer Caltrans District 9 - Bishop
*Name of **PERMITTEE***	*Name and Title (Please print)*
500 S. Main St.	Kami Bayer
Address	*Signature*
Bishop, CA 93514	(760)872-5212
City, State, Zip	*Telephone/Fax*
12/1/2015	
Date of Application	

District Permit No.: T-388-15

ADDITIONAL TERMS AND CONDITIONS

1. The permit shall be signed by **PERMITTEE** on Page 1 and returned to the district office. The permit shall not be valid until the **SIGNED** original permit has been received by the district office.

2. This temporary permit expires upon completion of the event.

3. The temporary Right-of-Way Occupancy Permit, or a conformed copy, shall be kept at the site of the event and must be shown to any representative of the Department of Transportation or any law enforcement officer on demand. **THE EVENT SHALL BE SUSPENDED IF THE PERMIT IS NOT AT THE SITE AS PROVIDED.**

4. The **PERMITTEE**, in addition to obtaining the temporary Right-of-Way Occupancy Permit must also obtain any and all other permits required by State law or local ordinances.

5. The **PERMITTEE** agrees to indemnify and save harmless the State of Nevada and its officers, agents, and employees against any and all liability, loss, damage, cost and expense which it or they may incur, suffer, or be required to pay by reason of death, disease, or bodily injury to any person or persons, or injury to, destruction of, or loss of use of any property, including property belonging to the State of Nevada, arising out of or incident to activities contemplated by this permit, and proximately caused, in whole or in part, by any act or omission of the **PERMITTEE**, or its contractors, agents, or the employees of any one or all of them **OR BY THE OFFICERS, AGENTS, OR EMPLOYEES OF THE STATE OF NEVADA,** unless it is established by the **PERMITTEE** that the proximate cause was the willful misconduct or gross negligence of the officers, agents, or employees of the State of Nevada.

6. This application must have the following signatures of approval before being processed by the district office:

Nevada Highway Patrol

By: _____ NO IMPACT TO NV TRAFFIC

Date: WAIVED

Special conditions / requirements or other comments (i.e. escorts, traffic control, contact area supervisor, or N/A):

_____

_____

County Sheriff or City Police

By: _____

Date: WAIVED

Special conditions / requirements or other comments (i.e. escorts, traffic control, contact area supervisor, or N/A):

_____

_____

*** SEE ADDITIONAL TERMS AND CONDITIONS ON PAGE 3. ***

Reviewed by: _____ 12/2/15 TA
District II Permit Office Date

This temporary Right-of-Way Occupancy permit is granted to the PERMITTEE in accordance with the provisions of Chapter 408 NRS, and subject to the terms and conditions stipulated to perform the activity described.

Dated this 2nd day of December, 2015

STATE OF NEVADA, DEPARTMENT OF TRANSPORTATION

By _____
Director or District Engineer

NDOT District II
310 Galletti Way
Sparks, NV 89431

ADDITIONAL TERMS AND CONDITIONS

7. **PERMITTEE shall contact Permit Office at (775) 834-8330 a minimum of two (2) working days prior to the anticipated beginning of work.**

8. The NDOT right-of-way shall be returned to the original condition. Road travel way shall remain clean and free of debris at all times. Removal of trash and debris will be the responsibility of the PERMITTEE.

9. All Category 1 & 2 Traffic Control Devices used on NDOT roadways must be National Cooperative Highway Research Program (NCHRP) Report 350 compliant. The PERMITTEE and/or contractor shall have manufacturer's certificates of compliance available at the project site.

10. All traffic control shall conform to the "Manual on Uniform Traffic Control Device," chapter 6, and 2010 Nevada Standard Plans. **Traffic shall not be impacted more than 20 minutes. Failure to adhere to this condition will result in immediate suspension of work in the right of way.**

11. Traffic control shall be set up as shown on the attached plans, unless otherwise noted herein or directed by the NDOT Permit Inspector. Any deviation will require prior approval from the NDOT Permit Office.

12. The work of setting up and tearing down traffic control devices as required shall be completed each day within the hours specified on the permit and/or on the approved traffic control plan. All traffic control devices shall be completely removed from the roadway and sidewalk at the end of the work period or when NO longer needed..

13. **PERMITTEE shall be responsible for the maintenance of signs placed in the NDOT Right-of-Way.**

14. PERMITTEE shall not store equipment, materials or spoils in the NDOT Right-of-Way outside of normal working hours.

15. Work within the NDOT Right-of-Way will not be permitted on weekends, holidays and during major community events. Work will not be permitted on the day preceding and the day following long weekends, holidays, and major community events.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	106.3/120.5	1	49

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-6	TYPICAL CROSS SECTIONS
7-16	CONSTRUCTION DETAILS
17-18	TEMPORARY WATER POLLUTION CONTROL PLANS
19	CONSTRUCTION AREA SIGNS
20	PAVEMENT DELINEATION QUANTITIES
21-23	SUMMARY OF QUANTITIES
23-49	REVISED STANDARD PLANS

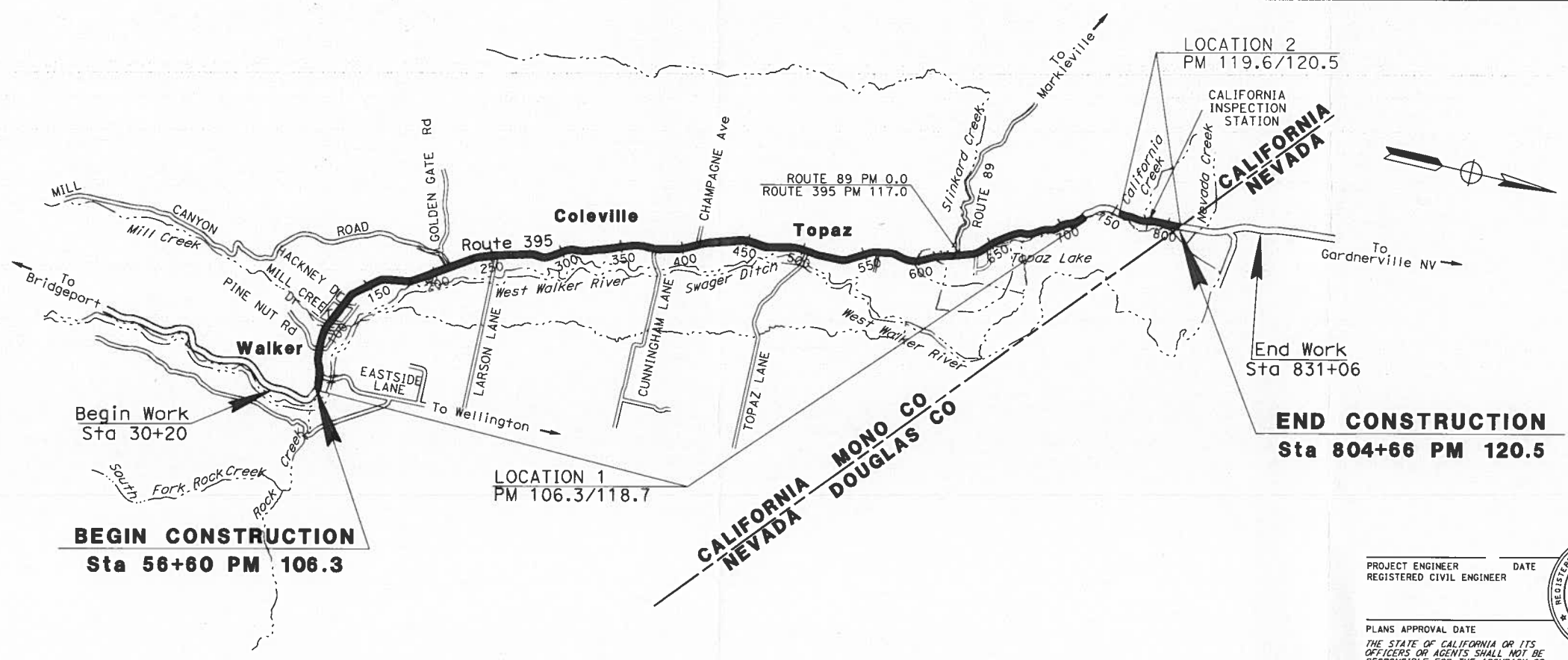
THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN MONO COUNTY AT AND NEAR COLEVILLE FROM EAST SIDE LANE TO NEVADA STATE LINE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010



NO SCALE

PROJECT MANAGER	BRIAN MCELWAIN
DESIGN ENGINEER	BRIAN WESLING

PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
BRIAN P WESLING
No. 62509
Exp. 9/30/17
CIVIL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

CONTRACT No.	09-364304
PROJECT ID	0914000038

LAST REVISION 00-00-00
DATE PLOTTED => 30-NOV-2015
TIME PLOTTED => 16:11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	106.3/120.5	19	49

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER BRIAN P. WESLING No. 62509 Exp. 9/30/17 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

1. EXACT LOCATION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.

LEGEND:

(X) - PLACEMENT TYPE

CONSTRUCTION AREA SIGNS

PM	PLACEMENT	REMARKS
105.8	A	BEGIN WORK
106.33	B	EASTSIDE LANE, Rt
106.8	B	PINE NUT ROAD, Lt
107.13	B	MILL CREEK DRIVE, Lt
107.5	B	HACKNEY DRIVE, Lt
109.26	B	MILL CANYON ROAD, Lt
109.98	B	LARSON LANE, Rt
112.36	B	CUNNINGHAM LANE, Rt
113.04	B	CHAMPAGNE AVENUE, Lt
114.69	B	TOPAZ LANE, Rt
116.96	B	Rte 89, Lt
0.5	A	END WORK, NEVADA, DOUGLAS Co, Rte 395

MAINTAIN EXISTING TRAFFIC MANAGEMENT SYTEM ELEMENTS DURING CONSTRUCTION

LOCATION	PM	STATION	REMARKS
1	111.46 - 111.75	328+90 - 344+25	FLASHING SCHOOL BEACONS WARNING SYSTEM
	117.0	620+00	COUNT STATION ON SR 89, 568' WEST OF THE EASTBOUND STOP BAR
2	120.1	781+50	ELECTRICAL ELEMENTS FOR CHANGEABLE MESSAGE SIGN (CMS)
	120.21	789+53	FLASHING 'STOP AHEAD' TURNABLE SIGN

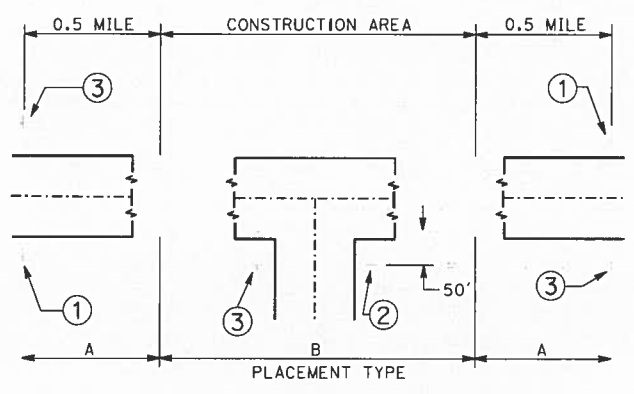
CONSTRUCTION AREA SIGNS

LAYOUT	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF SIGNS	No. OF POST AND SIZE
1	A	48" x 48"	ROAD WORK AHEAD	2	1 - 6" x 6"
		60" x 24"	PAVEMENT MAINTENANCE		
2	B	36" x 36"	ROAD WORK AHEAD	10	1 - 4" x 6"
3	C	36" x 18"	END ROAD WORK	12	1 - 4" x 4"

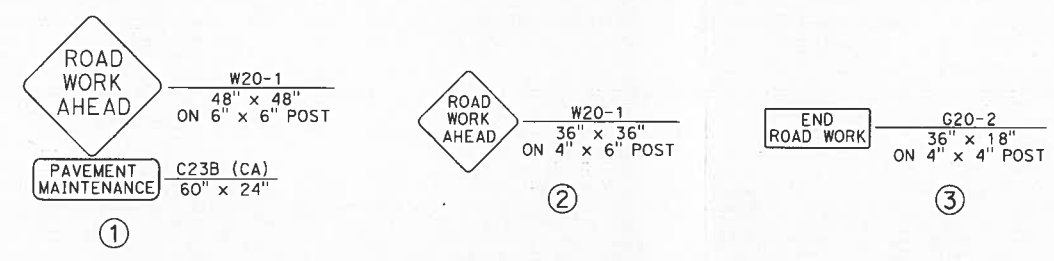
PORTABLE CHANGEABLE MESSAGE SIGNS

USE CAUTION	REDUCE SPEED	LANE CLOSED AHEAD

1. PORTABLE CHANGEABLE MESSAGE SIGN LOCATIONS TO BE CONFIRMED BY THE ENGINEER BEFORE THE ACTUAL CLOSURE.
2. ALTERNATE MESSAGES MUST BE APPROVED BY THE ENGINEER.
3. MESSAGE MAY BE ALTERED BY THE ENGINEER.
4. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, PORTABLE CHANGEABLE MESSAGE SIGNS SHALL NOT DISPLAY A MESSAGE UNLESS DIRECTED BY THE ENGINEER.



TYPICAL SIGN PLACEMENT FOR UNDIVIDED HIGHWAY



TYPICAL SIGN LAYOUT

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS

NO SCALE **CS-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DELIVERY

FUNCTIONAL SUPERVISOR: BRIAN WESLING
CALCULATED-DESIGNED BY: KAMI BAYER
CHECKED BY: BRIAN WESLING
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 30-NOV-2015
TIME PLOTTED => 16:11

MATERIALS INFORMATION

Log of Pavement Cores

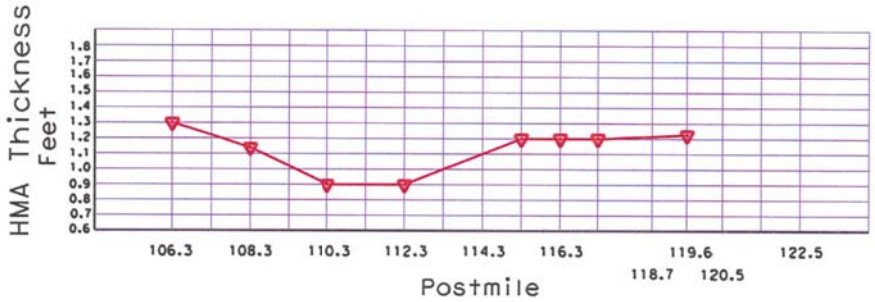
SUMMARY OF INVESTIGATIONS

Pavement investigations and coring were conducted from April 5, 2015 to April 8, 2015 on State Route 395 from PM 116.3 to PM 118.7 and PM 119.6 to 120.5 in Mono County. The proposed project is a cold-in-place recycling strategy.

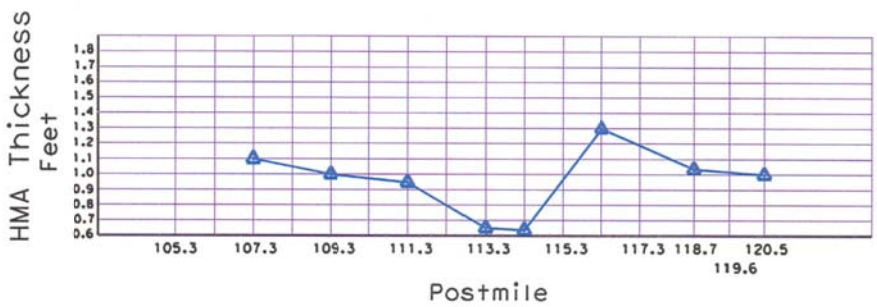
The typical existing structural section consists of dense graded hot mix asphalt (HMA) over Aggregate Base (AB). It was noted during the field survey, that a rubberized hot mix asphalt (RHMA) overlay was the paved over the entire project limits. A total of 14 cores were taken. Out of sixteen (16) cores, all cores were taken from the traveled-way throughout the project. Eight (8) cores were taken in the North bound direction and another eight (8) cores taken in the South bound direction. The cores indicated a thickness of HMA ranging from 0.65 foot to 1.3 foot. The majority of the core samples taken were intact. The base materials are AB for all cores. Generally, core samples taken were not uniform in appearance. The presence of fabric layer was not found throughout the project limits.

The existing HMA appeared to have some Type A or B alligator cracking failures, transverse and longitudinal cracking were also observed. Occasional alligator cracking was observed within the project limits as well.

Any reliance placed by the contractor on this information shall be at their own risk. The contractor is responsible for their own independent testing program to determine the materials present and conditions prevailing at the time of construction for obtaining the pavement mix design.



Mono-395-PM 106.3/118.7, 119.6/120.5 Northbound Cores



Mono-395-PM 106.3/118.7, 119.6/120.5 Southbound Cores

Index

SB Lane Cores Curve	
NB Lane Cores Curve	

EA-09-36430-Mono-395-PM 106.3-120.5 cores Graph.dgn 5/7/2015 8:02:44 AM

STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION

District 9

Materials Engineering Branch

District-County Route-PM/PM: MONO-395-PM 106.3/118.7, 119.6/120.5

Expense Authorization (EA): EA_09-36430

LOG OF CORES

Project ID Number: 914000038

Core Rig Operator:		Date of Coring	April 6-April 8, 2015
Materials Engineer:	Glenn Johnson	No. Of cores	16

10/8/2015

Test Section	Core Hole Location (PM, Lane No., Direction)	Lane/ Shoulder	1 (Seal Coat?)	Layer 2 (Struct. Sect.)	Layer 3 (Struct. Sect.)	Layer 4 (Base Matrl)	Total Core Thickness	Remarks
1	MONO-395-NORTHBOUND LANE PM-106.3	Lane		0.1 R chip seal	1.20'-HMA	Aggregate Base	1.30'	Core was delimimnated at 02',0.3',0.5' and 1.0' from top
2	MONO-395-SOUTHBOUND LANE PM-107.3	Lane		0.1 R chip seal	1.00' HMA	Aggregate Base	1.10'	Core was delimimnated at 0.6' ffom top
3	MONO-395-NORTHBOUND LANE PM-108.3	Lane		0.1 R chip seal	1.04'-HMA	Aggregate Base	1.14'	CORE WAS INTACT
4	MONO-395-SOUTHBOUND LANE PM-109.3	Lane		0.1 R chip seal	0.90'-HMA	Aggregate Base	1.00'	Core was deliminated at 0.1', 0.73', and 0.88' from top
5	MONO-395-NORTHBOUND LANE PM-110.3	Lane		0.1 R chip seal	0.80'-HMA	Aggregate Base	0.90'	CORE WAS INTACT
6	MONO-395-SOUTHBOUND LANE PM-111.3	Lane		0.1 R chip seal	0.85'-HMA	Aggregate Base	0.95'	Core was deliminated at 0.73' from top
7	MONO-395-NORTHBOUND LANE PM-112.3	Lane		0.1 R chip seal	0.80-HMA	Aggregate Base	0.90'	CORE WAS INTACT
8	MONO-395-SOUTHBOUND LANE PM-113.3	Lane		0.1 R chip seal	0.55'-HMA	Aggregate Base	0.65'	CORE WAS INTACT
9	MONO-395-SOUTHBOUND LANE PM-114.3	Lane		0.1 R chip seal	0.53'-HMA	Aggregate Base	0.63'	CORE WAS INTACT
10	MONO-395-NORTHBOUND LANE PM-115.3	Lane		0.1 R chip seal	1.10'-HMA	Aggregate Base	1.20'	CORE WAS INTACT

Layer 1 - 3/

Layer 2 -

About 2 yea

District 9

Materials Engineering Branch

District-County Route-PM/PM: MONO-395-PM 106.3/118.7, 119.6/120.5

Expense Authorization (EA): EA_09-36430

Project ID Number: 914000038

LOG OF CORES

11	MONO-395-NORTHBOUND LANE PM-116.3	Lane		0.1 R chip seal	1.10'-HMA	Aggregate Base	1.2	CORE WAS INTACT
12	MONO-395-SOUTHBOUND LANE PM-116.3	Lane		0.1 R chip seal	1.20'-HMA	Aggregate Base	1.30'	Core was deliminated at 0.44'. 0.80' and 1.2' from top.
13	MONO-395-NORTHBOUND LANE PM-117.3	Lane		0.1 R chip seal	1.10'-HMA	Aggregate Base	1.20'	Core was delinated at 0.30' from top
14	MONO-395-SOUTHBOUND LANE PM-118.7	Lane		0.1 R chip seal	0.93'-HMA	Aggregate Base	1.03'	Core was deliminated at 0.20', 0.27' from top
15	MONO-395-NORTHBOUND LANE PM-119.6	Lane		0.1 R chip seal	1.13'-HMA	Aggregate Base	1.23'	Core was delinated at 0.0.33' from top
16	MONO-395-SOUTHBOUND LANE PM-120.5	Lane		0.1 R chip seal	0.90'-HMA	Aggregate Base	1.00'	CORE WAS INTACT

- Info from Joe Blommer

8 chip with a TR Binder (10% Rubber)

Gap-graded rubberized HMA (small amount of rubber)

ars ago joe did a 0.25 foot dig out in SB #2 in Topaz Lane - full width of lane

64-16 is stiffer which is good and bad

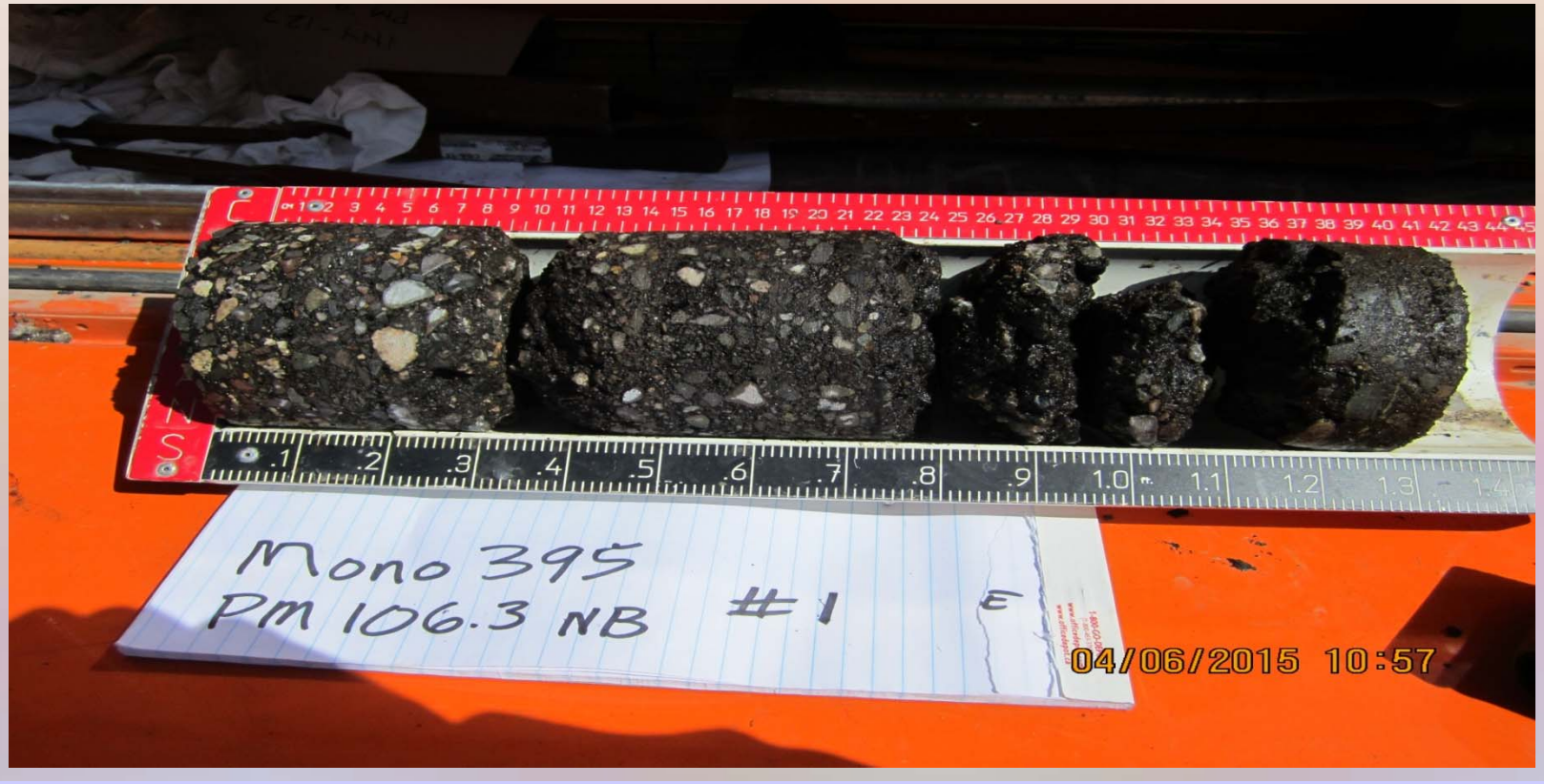
DEPARTMENT OF TRANSPORTATION
CENTRAL REGION CONSTRUCTION
MATERIALS ENGINEERING

CORE PHOTOS

MONO-395-PM 106.3/118.7/118.7.119.6/120.5_EA 09-036430

NORTHTHBOUND MONO-395-PM 106.3

LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

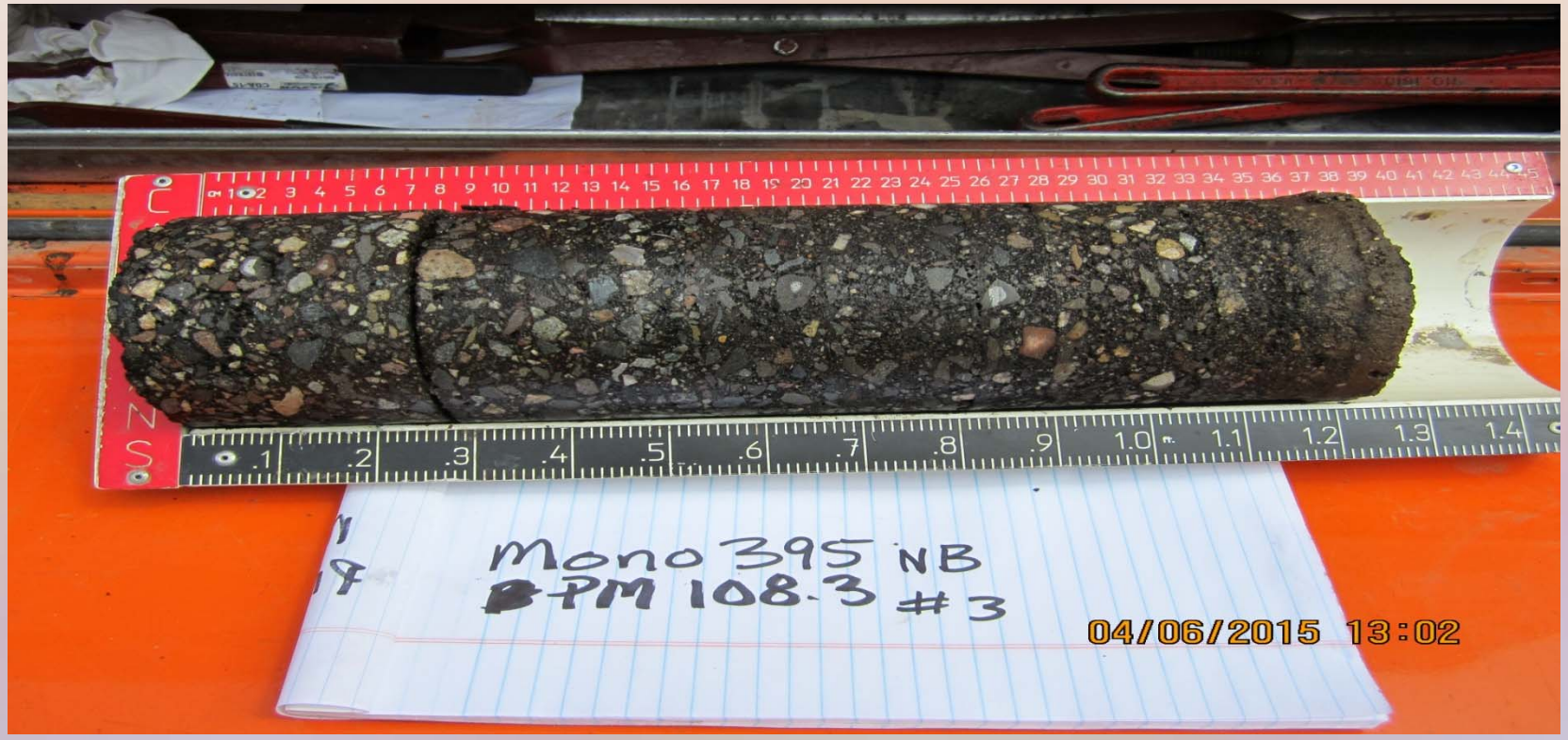
SOUTHBOUND MONO-395- 107.3

LANE CORE

MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

NORTHBOUND MONO-395- 108.3

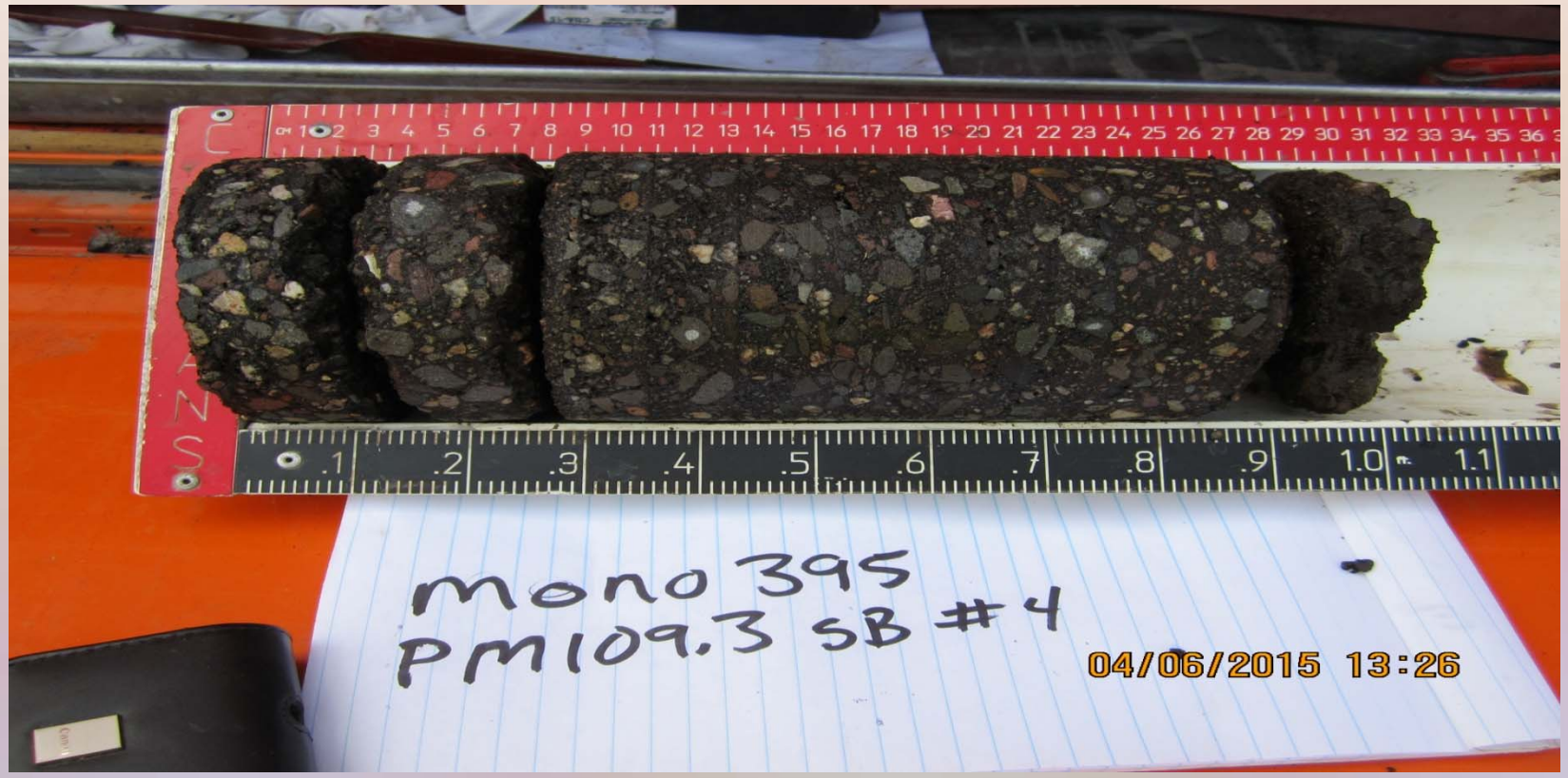
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

SOUTHBOUND MONO-395- 109.3

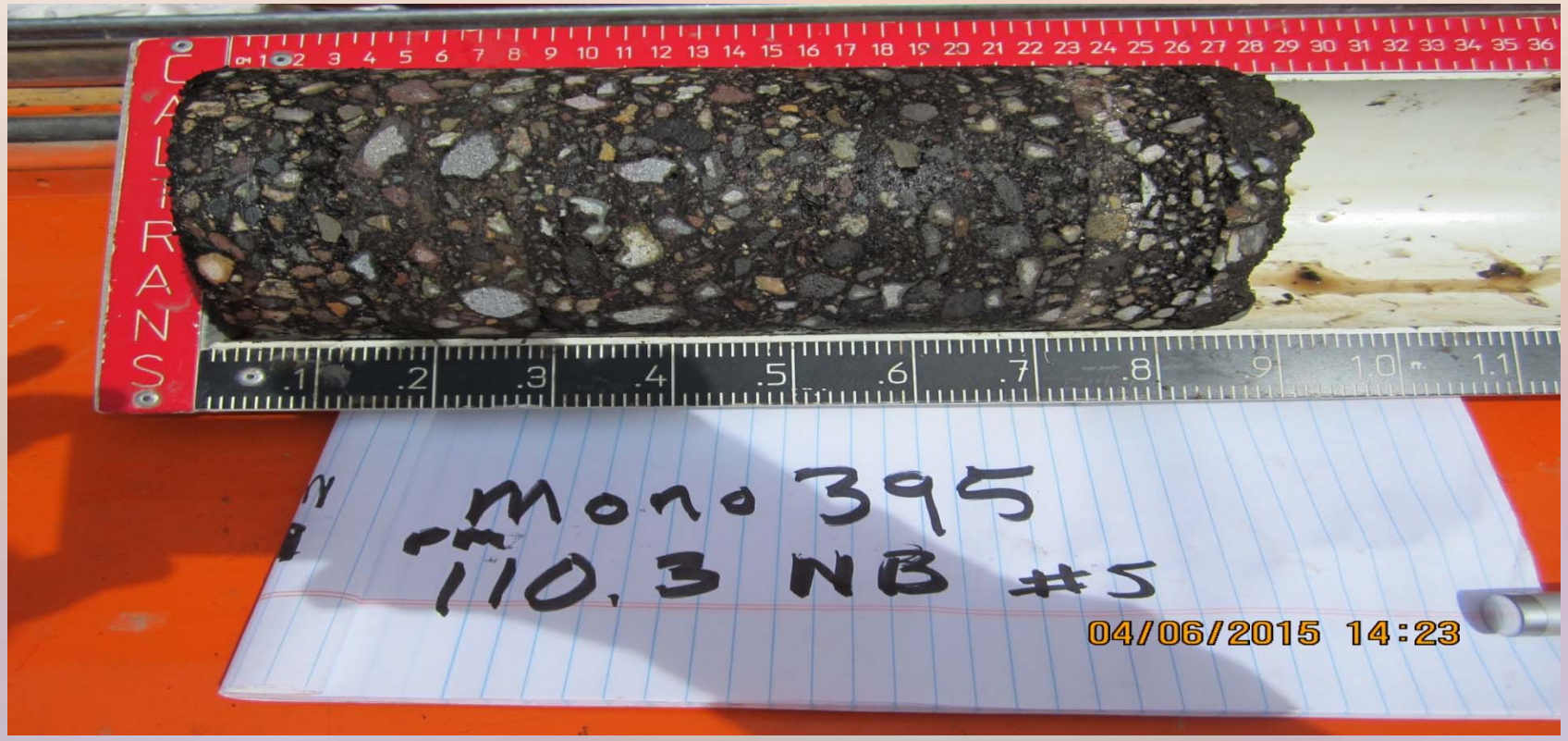
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

NORTHBOUND MONO-395- 110.3

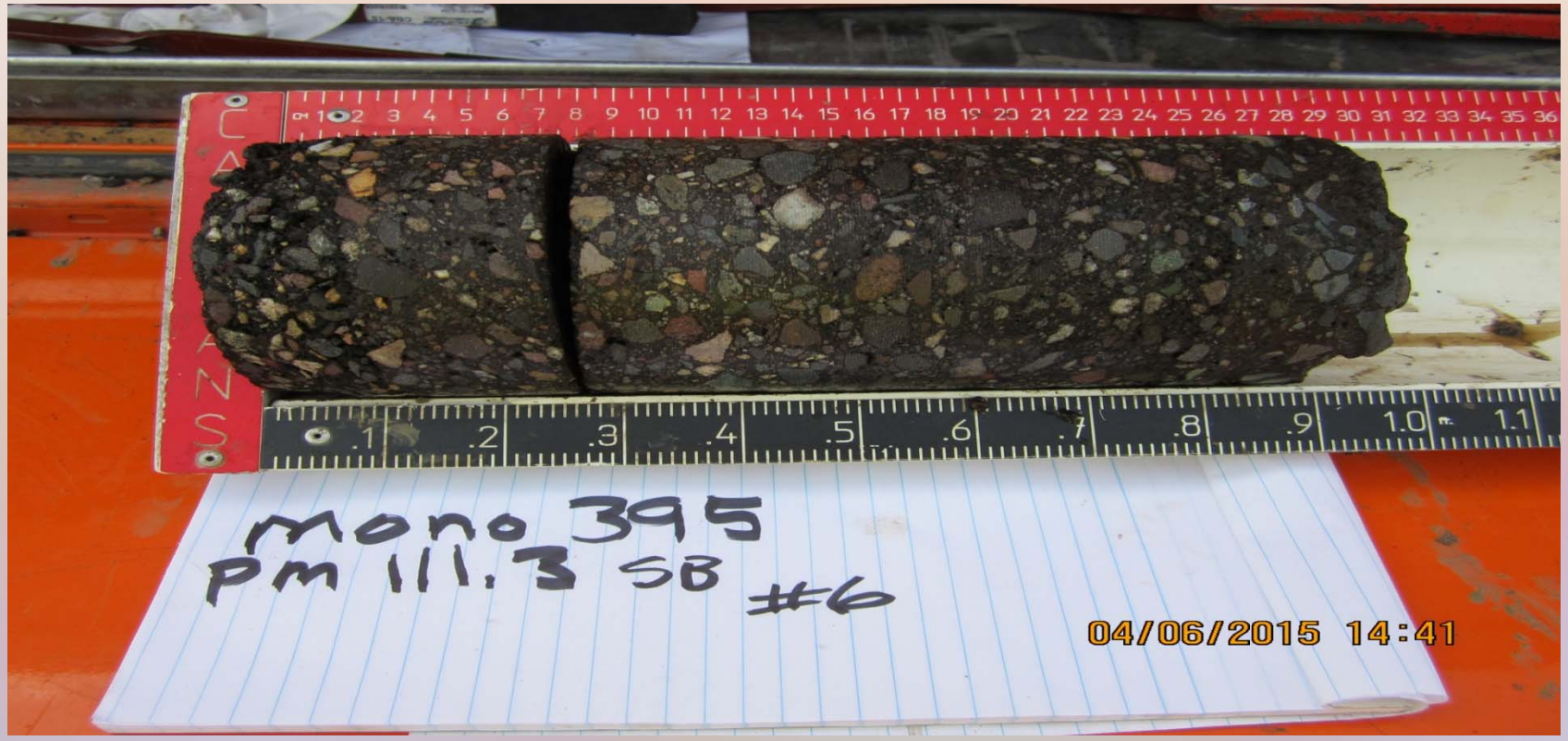
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

SOUTHBOUND MONO-395- 111.3

LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

NORTHBOUND MONO-395- 112.3

LANE CORE

MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

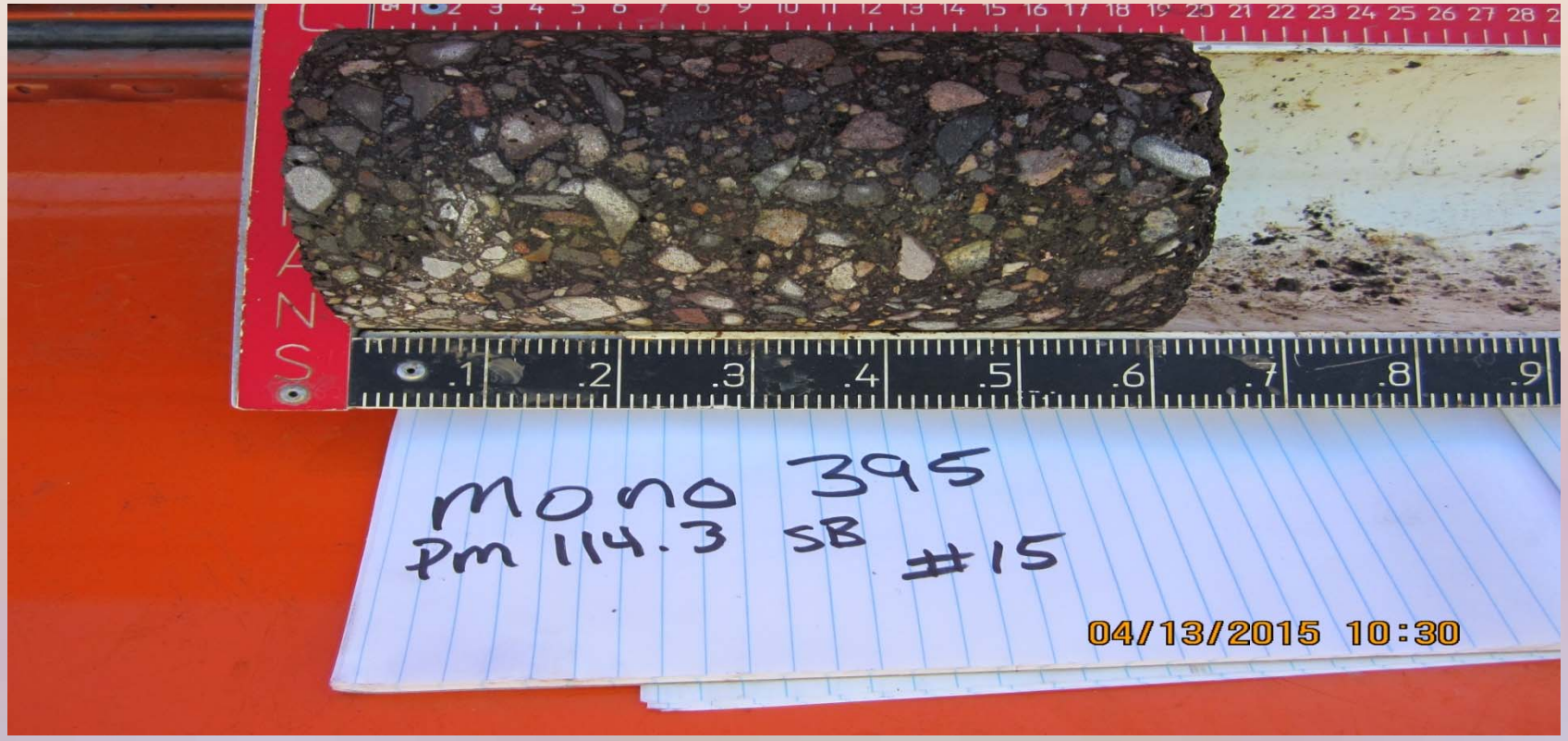
SOUTHBOUND MONO-395- 113.3

LANE CORE

MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

SOUTHBOUND MONO-395- 114.3

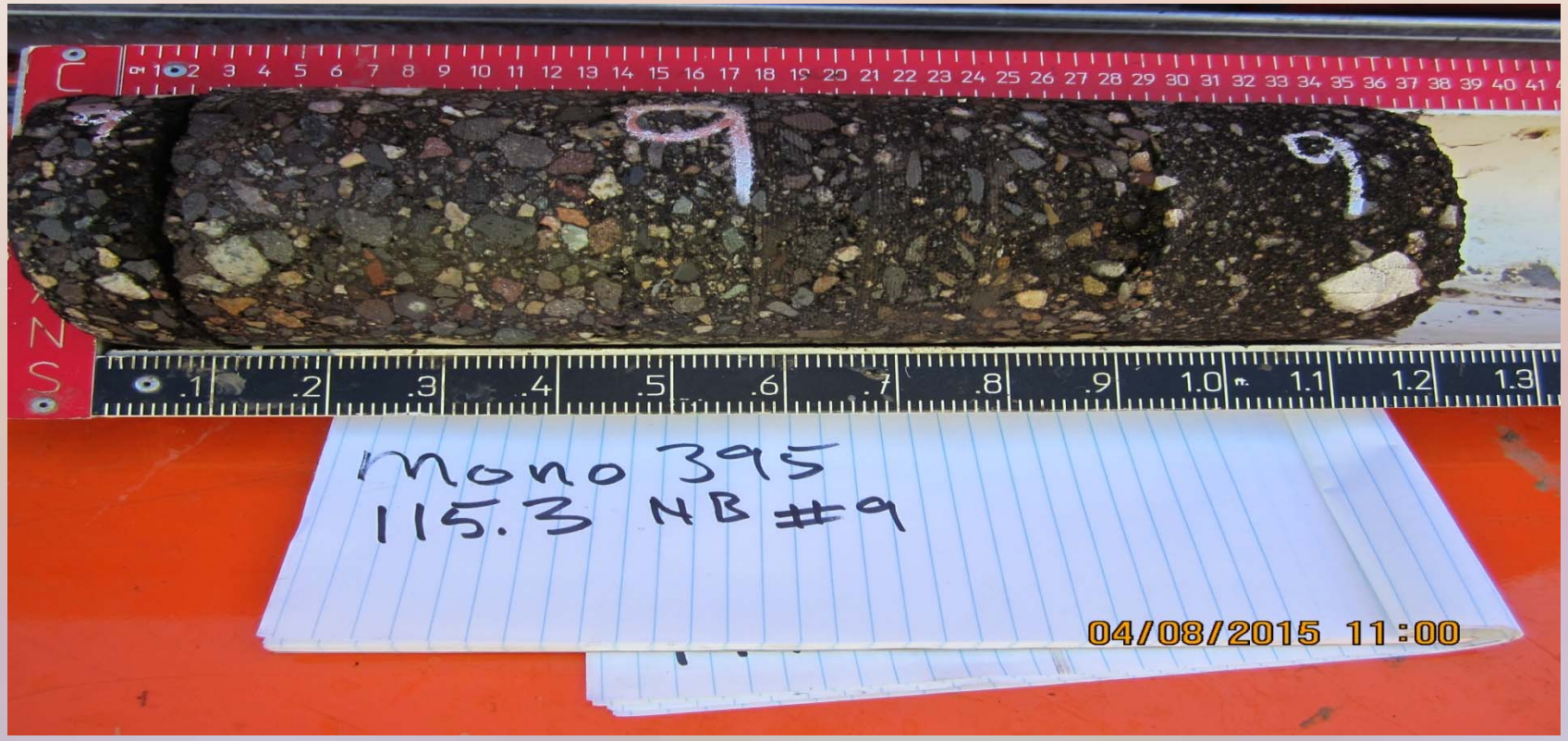
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

NORTHBOUND MONO-395- 115.3

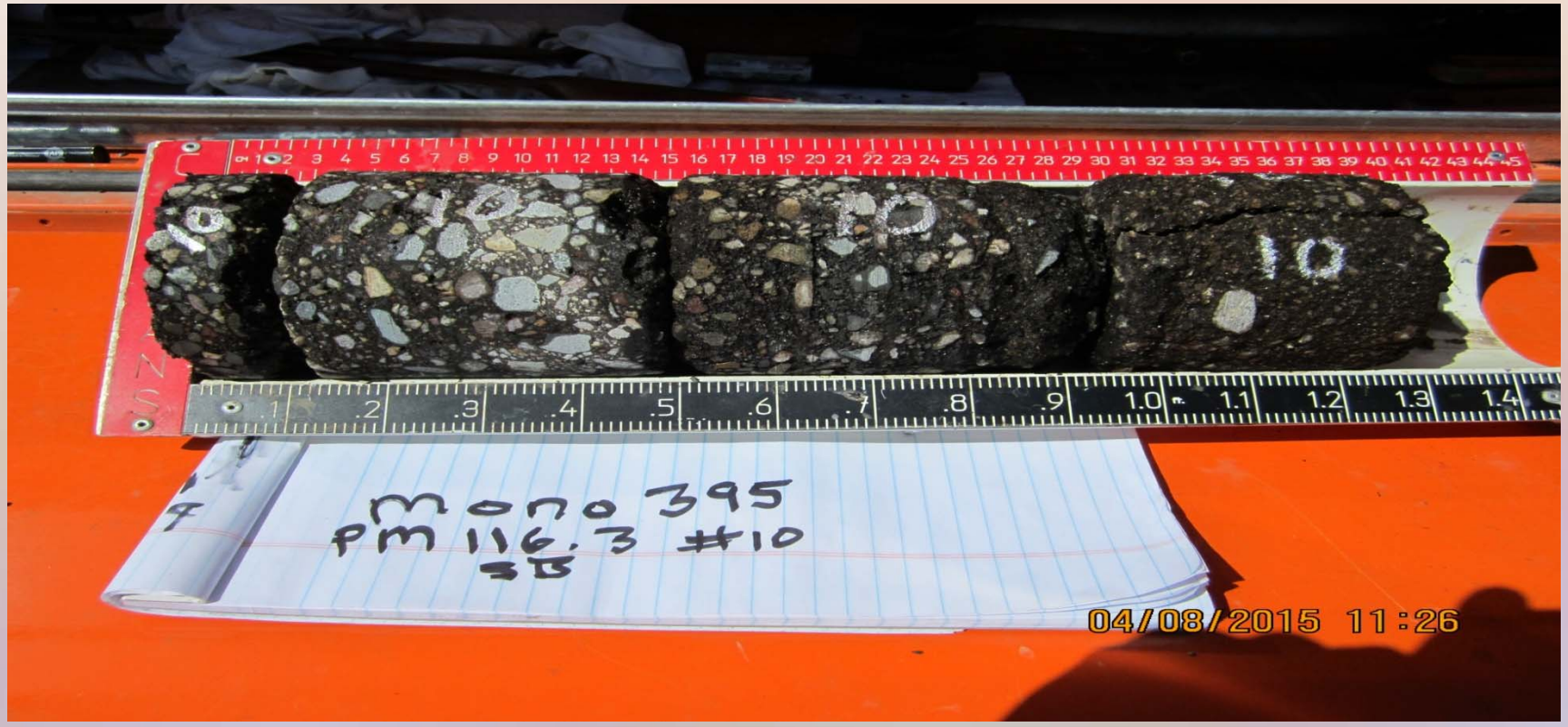
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

SOUTHBOUND MONO-395- 116.3

LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

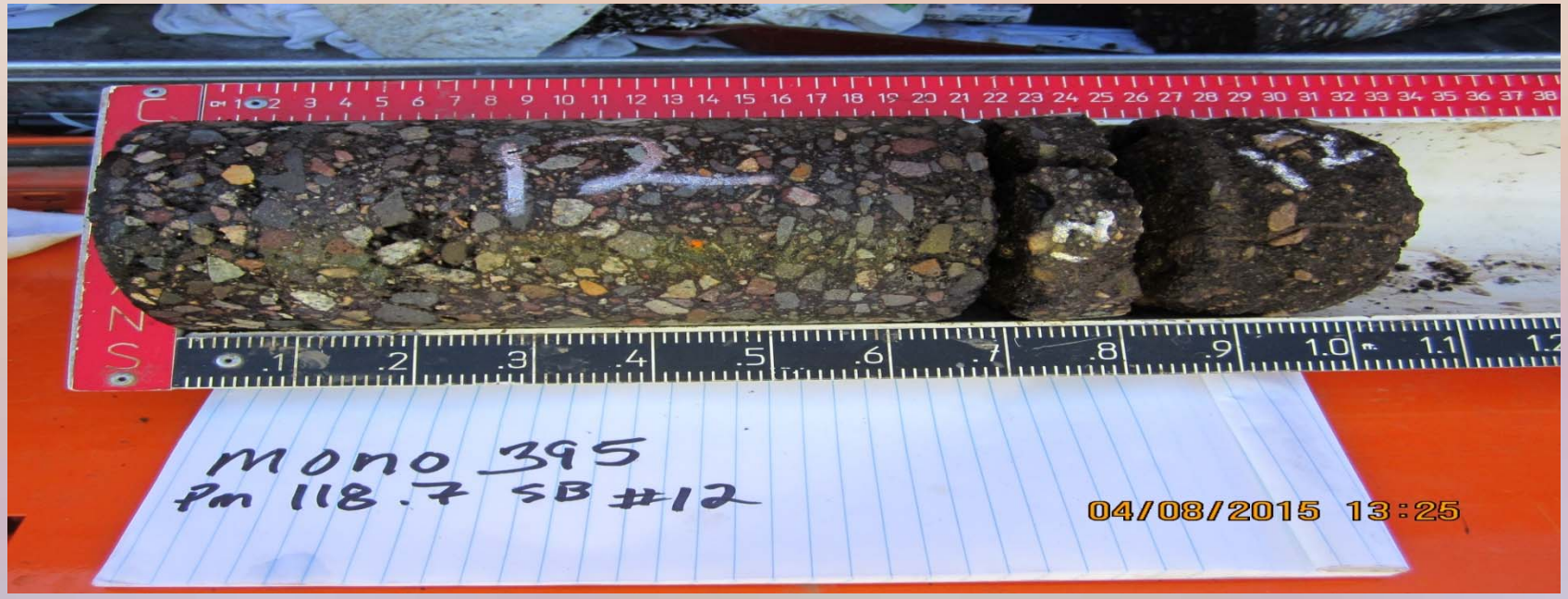
NORTHBOUND MONO-395- 117.3

LANE CORE

MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

SOUTHBOUND MONO-395- 118.3

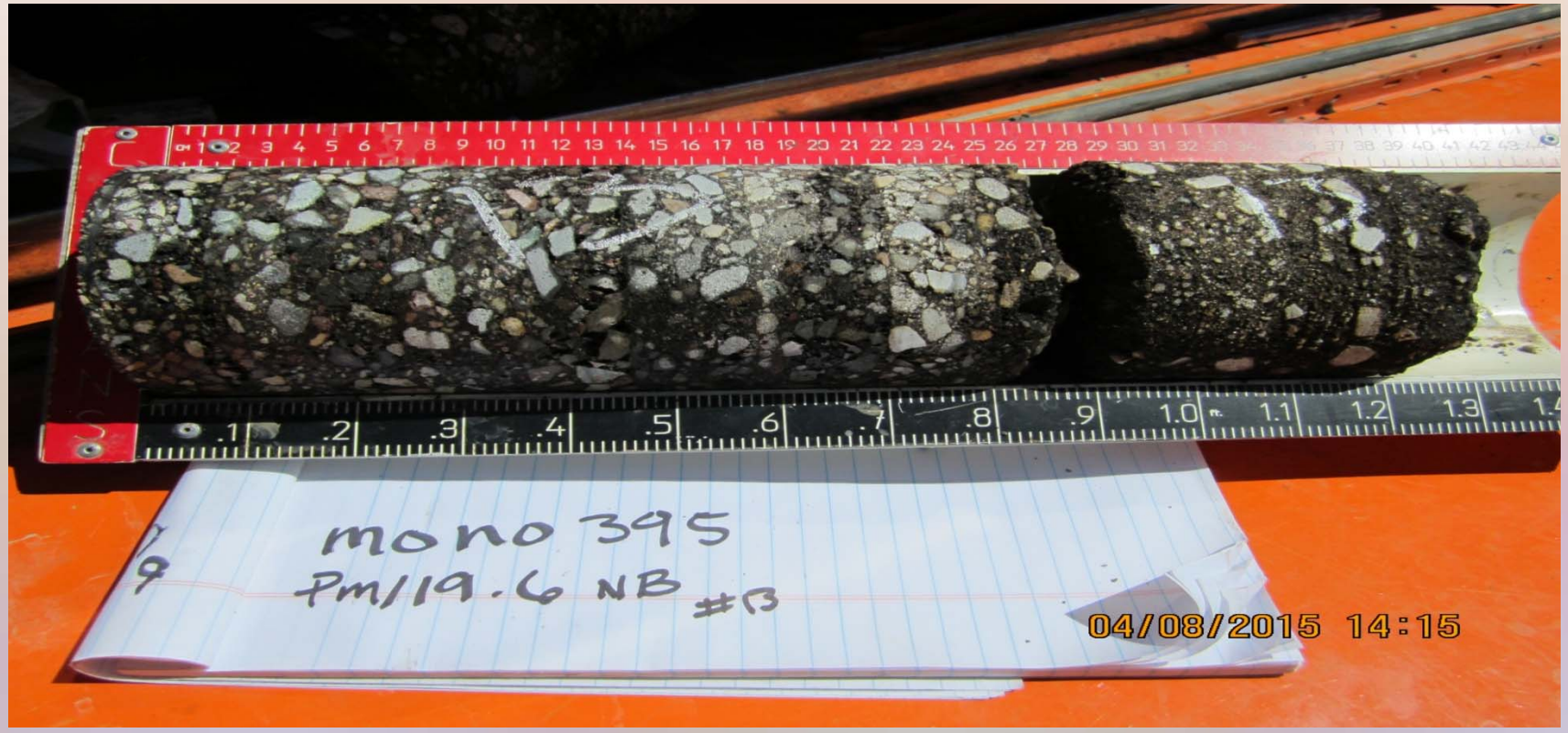
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

NORTHBOUND MONO-395- 119.6

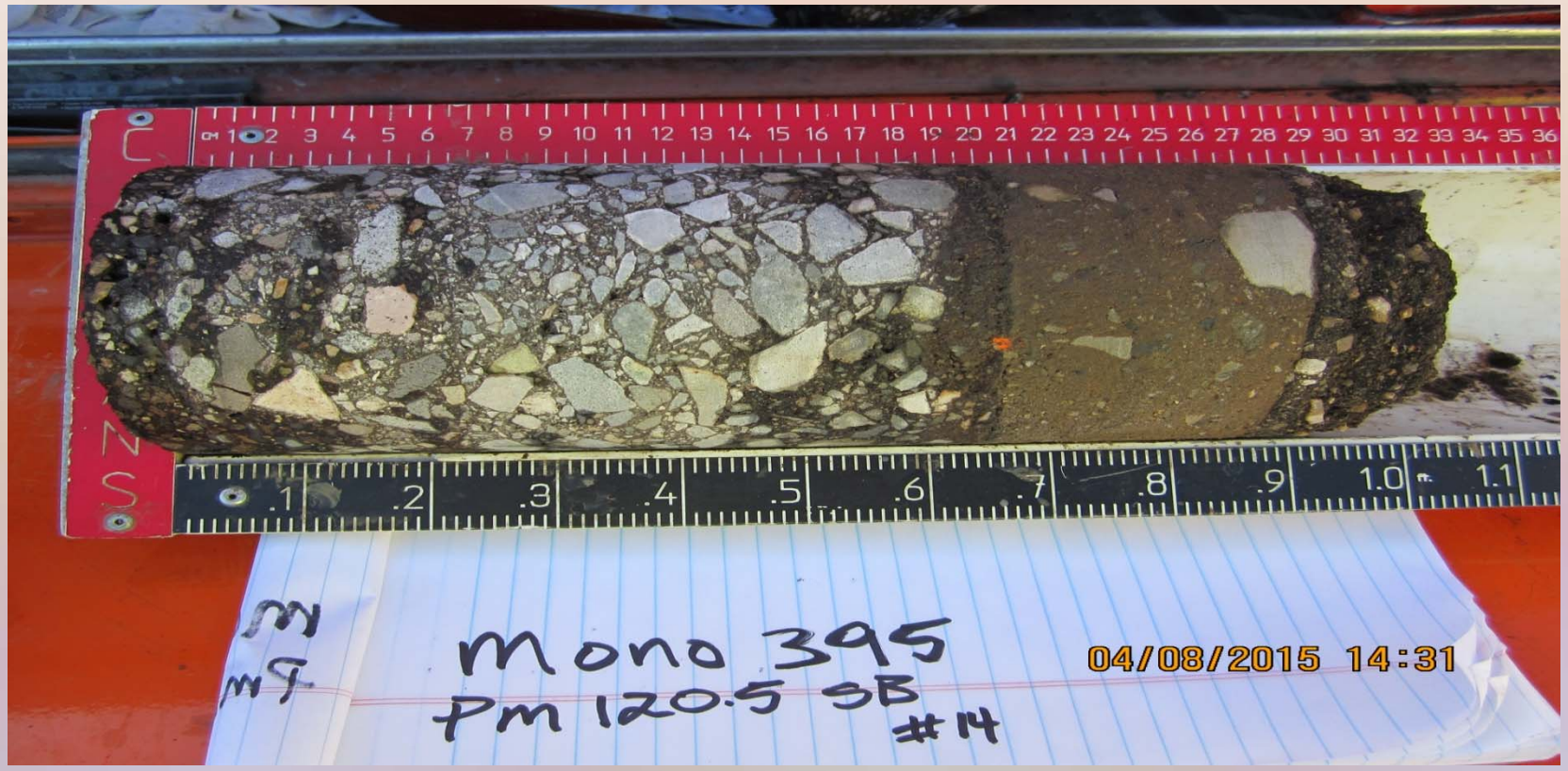
LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

NORTHBOUND MONO-395- 120.5

LANE CORE



MONO-395-PM 106.3/118.7/118.7.119.6/120.5 09-36430

FOR ALL CORE INFORMATION
PLEASE
CHECK THE ATTACHED CORE LOG

MONO-395-PM 106.3/118.7, 119.6/120.5
EA-09-364301
Project No. 0914000038

Existing Pavement Profile Data

Analysis: Ride Quality

Inputs

Threshold (in/mi): 120.00
Segment Length (ft): 528.00

Selections

File	Section	Apply 250mm Filter
0936430Mono395NB106.3-120.5 T1 to T2 - 1	Full	Yes

Leave-outs

0936430Mono395NB106.3-120.5 T1 to T2 - 1

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	Name
118.736	119.618	4,659.578	Exclusion for High Point Project
120.075	120.085	53.914	Culvert

Results

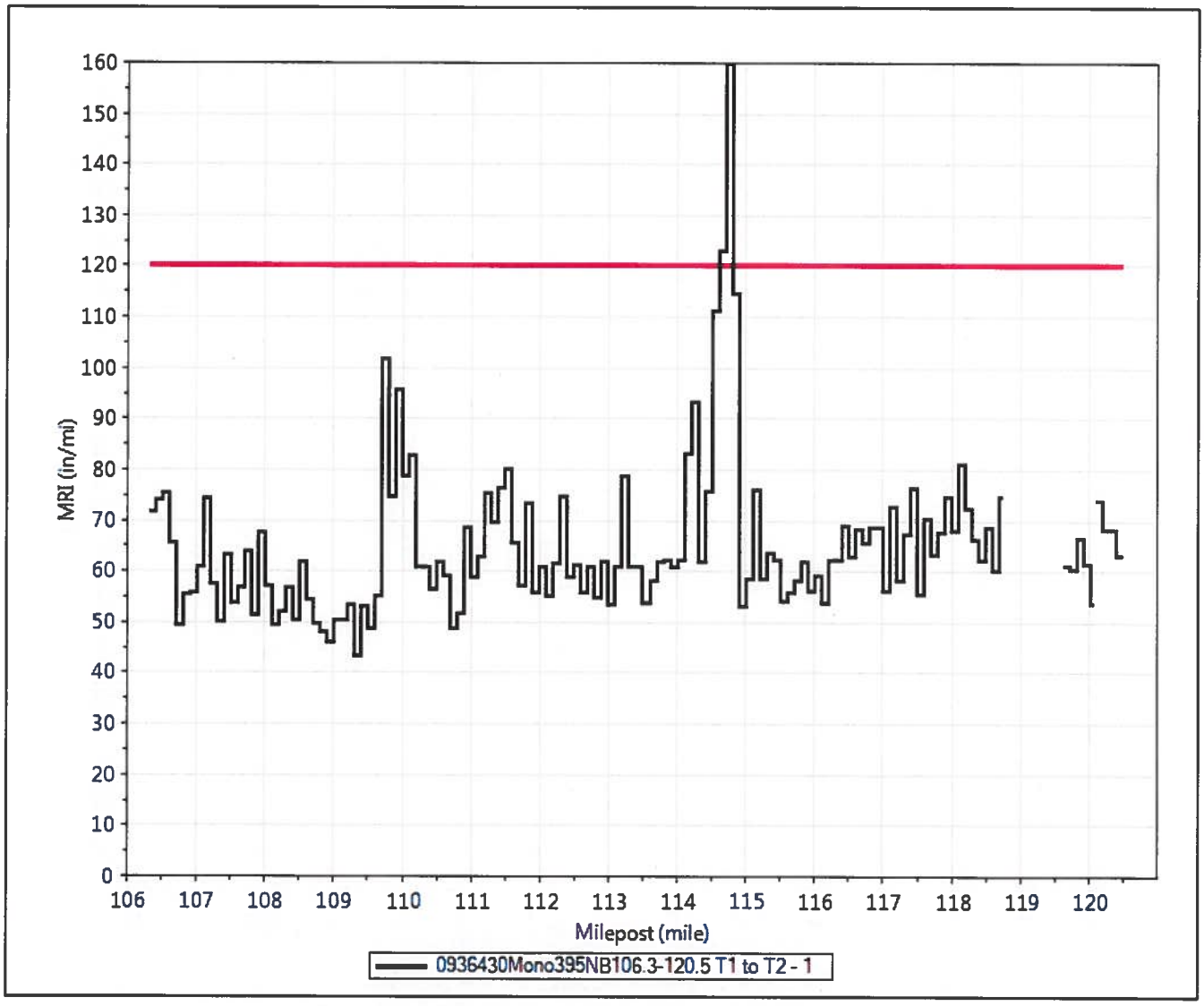
0936430Mono395NB106.3-120.5 T1 to T2 - 1

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
106.3000	106.4000	528.00	71.42
106.4000	106.5000	528.00	73.98
106.5000	106.6000	528.00	75.17
106.6000	106.7000	528.00	65.49
106.7000	106.8000	528.00	49.13
106.8000	106.9000	528.00	55.41
106.9000	107.0000	528.00	55.61
107.0000	107.1000	528.00	60.89
107.1000	107.2000	528.00	74.38
107.2000	107.3000	528.00	57.55
107.3000	107.4000	528.00	50.00
107.4000	107.5000	528.00	63.25
107.5000	107.6000	528.00	53.59
107.6000	107.7000	528.00	56.69
107.7000	107.8000	528.00	63.92
107.8000	107.9000	528.00	51.39
107.9000	108.0000	528.00	67.58
108.0000	108.1000	528.00	57.15
108.1000	108.2000	528.00	49.32
108.2000	108.3000	528.00	52.09
108.3000	108.4000	528.00	56.87
108.4000	108.5000	528.00	50.41
108.5000	108.6000	528.00	61.77
108.6000	108.7000	528.00	54.33
108.7000	108.8000	528.00	49.58
108.8000	108.9000	528.00	47.87

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
108.9000	109.0000	528.00	46.07
109.0000	109.1000	528.00	50.42
109.1000	109.2000	528.00	50.21
109.2000	109.3000	528.00	53.42
109.3000	109.4000	528.00	43.30
109.4000	109.5000	528.00	53.12
109.5000	109.6000	528.00	48.58
109.6000	109.7000	528.00	54.95
109.7000	109.8000	528.00	101.56
109.8000	109.9000	528.00	74.62
109.9000	110.0000	528.00	95.62
110.0000	110.1000	528.00	78.62
110.1000	110.2000	528.00	82.58
110.2000	110.3000	528.00	60.64
110.3000	110.4000	528.00	60.82
110.4000	110.5000	528.00	56.41
110.5000	110.6000	528.00	61.89
110.6000	110.7000	528.00	59.00
110.7000	110.8000	528.00	48.74
110.8000	110.9000	528.00	51.59
110.9000	111.0000	528.00	68.39
111.0000	111.1000	528.00	58.68
111.1000	111.2000	528.00	62.70
111.2000	111.3000	528.00	75.13
111.3000	111.4000	528.00	69.57
111.4000	111.5000	528.00	76.21
111.5000	111.6000	528.00	79.93
111.6000	111.7000	528.00	65.43
111.7000	111.8000	528.00	56.89
111.8000	111.9000	528.00	73.32
111.9000	112.0000	528.00	55.68
112.0000	112.1000	528.00	60.78
112.1000	112.2000	528.00	54.87
112.2000	112.3000	528.00	61.41
112.3000	112.4000	528.00	74.57
112.4000	112.5000	528.00	58.77
112.5000	112.6000	528.00	61.17
112.6000	112.7000	528.00	55.73
112.7000	112.8000	528.00	60.91
112.8000	112.9000	528.00	54.69
112.9000	113.0000	528.00	61.79
113.0000	113.1000	528.00	53.32
113.1000	113.2000	528.00	60.67
113.2000	113.3000	528.00	78.61
113.3000	113.4000	528.00	60.65
113.4000	113.5000	528.00	60.90
113.5000	113.6000	528.00	53.53
113.6000	113.7000	528.00	58.17

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
113.7000	113.8000	528.00	61.84
113.8000	113.9000	528.00	61.98
113.9000	114.0000	528.00	60.86
114.0000	114.1000	528.00	62.03
114.1000	114.2000	528.00	83.13
114.2000	114.3000	528.00	93.23
114.3000	114.4000	528.00	61.69
114.4000	114.5000	528.00	75.66
114.5000	114.6000	528.00	111.14
114.6000	114.7000	528.00	122.75
114.7000	114.8000	528.00	159.56
114.8000	114.9000	528.00	114.46
114.9000	115.0000	528.00	52.91
115.0000	115.1000	528.00	58.42
115.1000	115.2000	528.00	75.94
115.2000	115.3000	528.00	58.44
115.3000	115.4000	528.00	63.51
115.4000	115.5000	528.00	62.19
115.5000	115.6000	528.00	53.86
115.6000	115.7000	528.00	55.75
115.7000	115.8000	528.00	58.11
115.8000	115.9000	528.00	61.61
115.9000	116.0000	528.00	56.10
116.0000	116.1000	528.00	59.06
116.1000	116.2000	528.00	53.64
116.2000	116.3000	528.00	62.23
116.3000	116.4000	528.00	62.08
116.4000	116.5000	528.00	68.74
116.5000	116.6000	528.00	62.73
116.6000	116.7000	528.00	68.20
116.7000	116.8000	528.00	65.52
116.8000	116.9000	528.00	68.64
116.9000	117.0000	528.00	68.48
117.0000	117.1000	528.00	56.16
117.1000	117.2000	528.00	72.52
117.2000	117.3000	528.00	58.13
117.3000	117.4000	528.00	67.08
117.4000	117.5000	528.00	76.33
117.5000	117.6000	528.00	55.47
117.6000	117.7000	528.00	70.25
117.7000	117.8000	528.00	63.07
117.8000	117.9000	528.00	67.39
117.9000	118.0000	528.00	74.57
118.0000	118.1000	528.00	67.81
118.1000	118.2000	528.00	80.91
118.2000	118.3000	528.00	72.10
118.3000	118.4000	528.00	66.32
118.4000	118.5000	528.00	62.08

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
118.5000	118.6000	528.00	68.54
118.6000	118.7000	528.00	60.18
118.7000	118.7358	189.00	74.49
119.6183	119.7183	528.00	61.17
119.7183	119.8183	528.00	60.45
119.8183	119.9183	528.00	66.62
119.9183	120.0183	528.00	61.34
120.0183	120.0750	299.33	53.74
120.0852	120.1852	528.00	73.92
120.1852	120.2852	528.00	68.29
120.2852	120.3852	528.00	68.31
120.3852	120.4804	501.50	63.11



Analysis: Ride Quality

Inputs

Threshold (in/mi): 120.00
Segment Length (ft): 25.00

Selections

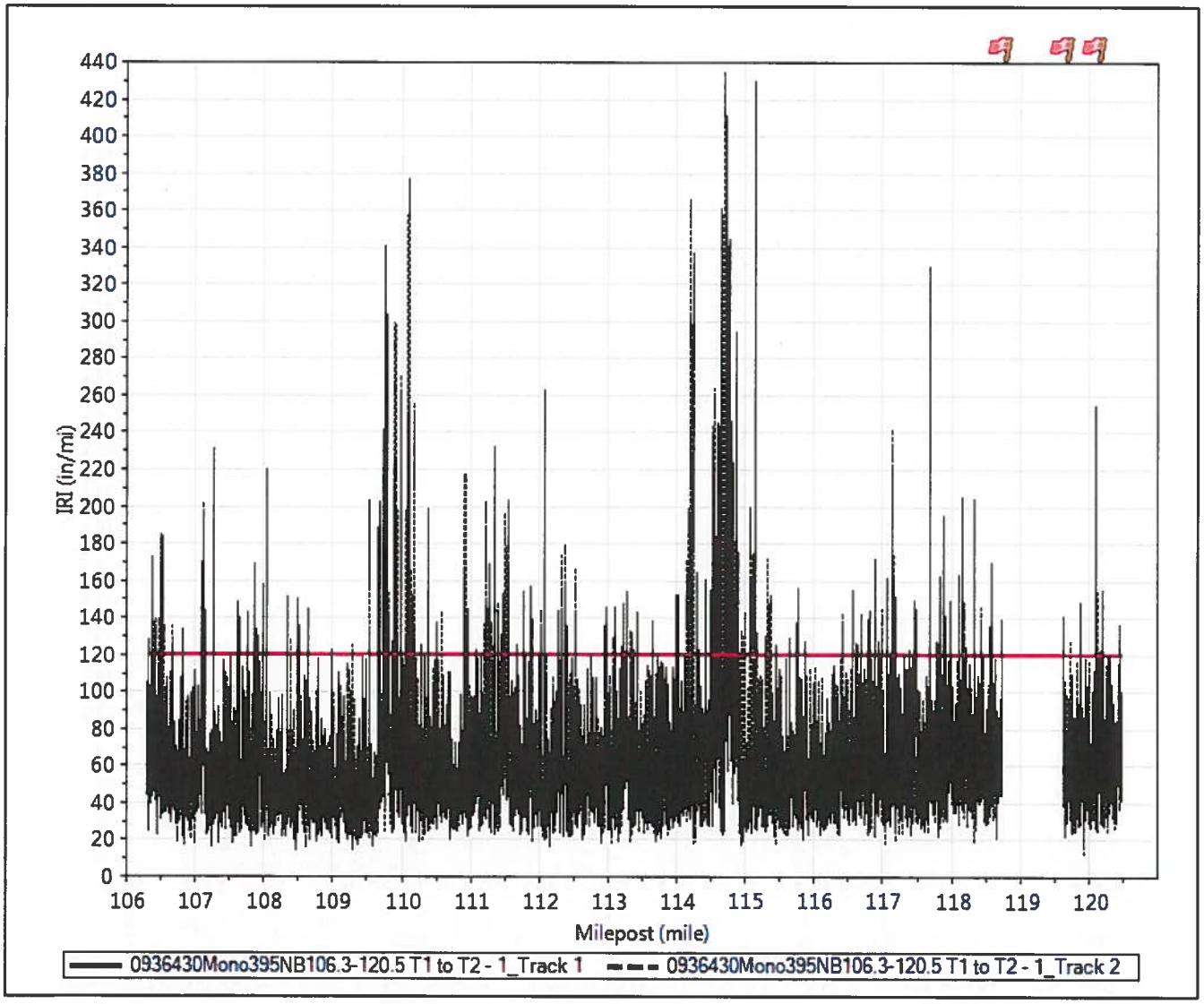
File	Profile	Section	Apply 250mm Filter
0936430Mono395NB106.3-120.5 T1 to T2 - 1	Track 1	Full	Yes
0936430Mono395NB106.3-120.5 T1 to T2 - 1	Track 2	Full	Yes

Leave-outs

0936430Mono395NB106.3-120.5 T1 to T2 - 1

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	Name
118.736	119.618	4,659.578	Exclusion for High Point Project
120.075	120.085	53.914	Culvert

Results



0936430Mono395NB106.3-120.5 T1 to T2 - 1_Track 1

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
106.3280	106.3304	128.03
106.3783	106.3829	172.31
106.5077	106.5124	184.84
106.5138	106.5146	123.30
106.5246	106.5288	160.84
106.6678	106.6682	122.14
106.6711	106.6712	120.52
106.8123	106.8163	133.44
107.1062	107.1108	170.04
107.1223	107.1269	163.37
107.1423	107.1458	143.88
107.2745	107.2826	231.28
107.6302	107.6347	148.65
107.7596	107.7619	143.04
107.8779	107.8819	169.05
107.9293	107.9310	130.06
107.9887	107.9919	139.79
107.9983	107.9985	120.55
108.0373	108.0444	220.42
108.3349	108.3387	151.29
108.4982	108.4986	123.04
108.5033	108.5060	135.86
108.6361	108.6396	145.23
108.9990	108.9995	122.58
109.5409	109.5415	122.64
109.5428	109.5441	134.97
109.6741	109.6789	202.41
109.7295	109.7298	121.23
109.7301	109.7321	145.94
109.7322	109.7340	138.94
109.7364	109.7390	139.13
109.7396	109.7414	130.24
109.7693	109.7831	340.40
109.7976	109.7990	126.28
109.7995	109.7999	121.33
109.8001	109.8001	120.05
109.8666	109.8679	127.31
109.8955	109.9005	225.43
109.9069	109.9109	145.31
109.9136	109.9147	133.65
109.9153	109.9160	125.38
109.9168	109.9171	122.11
109.9240	109.9265	129.29
109.9776	109.9874	243.49
110.0733	110.0777	156.67
110.0948	110.1041	253.05
110.1614	110.1655	152.52
110.1768	110.1770	120.63

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
110.3912	110.3959	198.22
110.9179	110.9220	165.12
110.9535	110.9576	145.17
111.0715	111.0719	122.90
111.2816	111.2862	169.30
111.3577	111.3632	231.85
111.4528	111.4553	130.80
111.4800	111.4813	127.33
111.4829	111.4832	121.34
111.4837	111.4861	139.33
111.4866	111.4880	126.36
111.4896	111.4941	141.09
111.5543	111.5608	168.29
111.6871	111.6877	125.26
111.7740	111.7771	154.00
111.8688	111.8690	121.46
111.8693	111.8708	128.51
111.8709	111.8732	136.75
111.8938	111.8946	123.61
111.8956	111.8981	139.47
112.0259	112.0267	133.52
112.0756	112.0806	262.94
112.2784	112.2809	136.48
112.3208	112.3217	128.25
112.3242	112.3260	143.43
112.3266	112.3269	121.03
112.3275	112.3330	137.98
112.3707	112.3748	143.69
112.4004	112.4021	135.64
112.9838	112.9841	120.91
112.9847	112.9869	145.40
113.1053	113.1073	145.52
113.2241	113.2248	128.99
113.3579	113.3589	131.89
113.4220	113.4263	143.01
113.9884	113.9929	152.44
113.9961	113.9963	120.46
114.0204	114.0209	128.10
114.0212	114.0249	152.54
114.1695	114.1731	148.17
114.2931	114.2941	127.70
114.2971	114.3017	153.76
114.3188	114.3194	122.72
114.3201	114.3205	122.13
114.4142	114.4164	133.11
114.4298	114.4315	127.34
114.4326	114.4331	122.38
114.5335	114.5451	210.60
114.5462	114.5494	131.78

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
114.5607	114.5610	122.11
114.5788	114.5792	123.80
114.5795	114.5816	131.25
114.6042	114.6127	244.66
114.6220	114.6276	196.63
114.6342	114.6528	361.18
114.6973	114.6981	124.38
114.7172	114.7193	129.45
114.7241	114.7256	138.77
114.7262	114.7388	411.66
114.7393	114.7398	124.81
114.7407	114.7414	128.38
114.7436	114.7495	196.27
114.7596	114.7622	142.93
114.7673	114.7931	344.54
114.7992	114.8006	130.88
114.8013	114.8083	213.74
114.8089	114.8111	124.05
114.8189	114.8237	161.80
114.8553	114.8557	124.78
114.8559	114.8561	120.32
114.8580	114.8634	176.18
114.8774	114.8788	142.27
114.8999	114.9001	121.79
115.3455	115.3492	147.56
115.4542	115.4550	125.68
115.6527	115.6535	128.71
115.6535	115.6538	123.19
115.7542	115.7593	156.08
115.8746	115.8759	127.26
116.5556	116.5601	155.16
116.5741	116.5743	120.83
116.5746	116.5747	120.17
116.6117	116.6128	125.81
116.6135	116.6140	122.22
116.6825	116.6862	141.57
116.7787	116.7815	139.58
116.8092	116.8118	143.93
116.8769	116.8815	171.93
116.9494	116.9511	126.89
117.1423	117.1464	141.24
117.1606	117.1647	162.01
117.1876	117.1913	151.01
117.3786	117.3788	122.94
117.4366	117.4367	120.09
117.4684	117.4714	141.87
117.4935	117.4975	144.69
117.6765	117.6842	329.98
117.6853	117.6855	121.52

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
117.6872	117.6876	124.13
117.6877	117.6925	167.92
117.7812	117.7812	120.13
117.7819	117.7820	120.26
117.7837	117.7841	120.58
117.7973	117.7976	120.69
117.7978	117.7985	127.09
117.8312	117.8348	162.59
117.8437	117.8452	128.58
117.8454	117.8455	120.35
117.8767	117.8816	194.66
117.9033	117.9072	141.19
117.9794	117.9841	149.17
117.9843	117.9851	130.05
117.9857	117.9869	129.14
118.1105	118.1140	140.30
118.1148	118.1203	163.45
118.1205	118.1211	122.09
118.1214	118.1219	128.02
118.1504	118.1507	120.90
118.1558	118.1607	205.37
118.2111	118.2115	123.82
118.2128	118.2134	124.70
118.3243	118.3244	120.26
118.3244	118.3294	204.54
118.5634	118.5649	131.43
118.5718	118.5778	169.92
118.7272	118.7289	139.30
119.6183	119.6191	135.07
119.6323	119.6342	141.20
119.8745	119.8792	148.30
120.0960	120.1013	254.17
120.1562	120.1567	121.37
120.1863	120.1866	122.87
120.1948	120.1965	130.76
120.1967	120.1974	122.05
120.4563	120.4581	136.28

0936430Mono395NB106.3-120.5 T1 to T2 - 1_Track 2

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
106.3797	106.3799	121.46
106.3815	106.3817	120.96
106.3985	106.4014	138.07
106.4134	106.4158	140.55
106.4223	106.4228	126.69
106.4853	106.4890	139.48
106.5249	106.5290	161.16
106.5418	106.5447	135.47
106.6800	106.6833	135.80

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
107.1072	107.1108	145.25
107.1110	107.1111	120.43
107.1189	107.1282	202.76
107.1431	107.1460	142.60
107.2783	107.2826	151.16
107.6306	107.6320	129.40
107.8767	107.8801	136.13
107.9882	107.9924	158.03
108.0478	108.0481	121.71
108.3351	108.3392	149.13
108.3881	108.3890	127.51
108.3892	108.3903	129.12
108.3915	108.3918	120.79
108.4949	108.4995	150.79
108.5050	108.5052	120.92
108.9997	109.0006	122.58
109.2955	109.2988	125.68
109.5398	109.5446	203.20
109.6745	109.6767	133.60
109.6950	109.6966	142.25
109.6971	109.6978	121.88
109.7305	109.7450	241.76
109.7678	109.7778	291.91
109.7804	109.7851	151.27
109.7953	109.7993	134.07
109.7995	109.7998	122.33
109.8196	109.8227	153.39
109.8823	109.8851	128.37
109.8956	109.9013	298.61
109.9060	109.9111	226.32
109.9137	109.9142	127.29
109.9154	109.9155	120.65
109.9161	109.9278	197.96
109.9765	109.9867	271.23
109.9905	109.9908	124.13
110.0723	110.0776	216.06
110.0788	110.0803	140.40
110.0948	110.1040	376.50
110.1251	110.1268	140.32
110.1273	110.1320	166.13
110.1619	110.1653	133.80
110.1892	110.1906	135.49
110.1907	110.1979	255.84
110.2916	110.2930	125.12
110.3911	110.3955	179.45
110.5154	110.5192	136.93
110.5776	110.5808	142.74
110.9177	110.9226	218.04
111.2136	111.2136	120.02

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
111.2137	111.2167	136.01
111.2297	111.2372	202.09
111.2527	111.2563	145.07
111.2936	111.2937	120.88
111.2939	111.2969	137.06
111.3357	111.3361	125.46
111.3584	111.3631	150.05
111.3955	111.3996	148.24
111.4785	111.4809	139.74
111.4811	111.4815	122.94
111.4856	111.4858	120.99
111.4863	111.4886	140.26
111.4892	111.4921	153.93
111.4923	111.4947	141.08
111.4969	111.4972	121.73
111.4984	111.4985	120.23
111.5042	111.5051	123.60
111.5134	111.5210	196.52
111.5531	111.5544	128.78
111.5555	111.5648	203.36
111.7743	111.7784	152.82
111.8829	111.8870	156.88
112.0227	112.0266	144.52
112.0756	112.0807	237.03
112.1026	112.1027	120.20
112.2705	112.2738	144.33
112.3242	112.3309	173.86
112.3705	112.3753	179.22
112.5336	112.5381	166.85
112.9582	112.9614	136.72
113.0793	113.0805	128.89
113.2029	113.2030	120.11
113.2033	113.2046	124.05
113.2252	113.2298	147.62
113.2632	113.2634	121.44
113.2693	113.2704	127.52
113.2804	113.2840	153.67
113.3157	113.3191	132.90
113.3585	113.3590	124.53
113.3754	113.3758	122.50
113.6432	113.6448	138.61
114.1526	114.1575	171.55
114.1674	114.1692	140.98
114.1741	114.1796	200.04
114.1906	114.2011	366.15
114.2169	114.2198	146.57
114.2227	114.2273	158.53
114.2283	114.2490	336.69
114.2864	114.2867	120.56

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
114.2881	114.2944	144.60
114.2956	114.2996	164.27
114.4146	114.4157	123.59
114.4208	114.4273	160.61
114.4294	114.4309	146.58
114.4313	114.4315	120.81
114.4896	114.4923	149.43
114.4926	114.4930	122.32
114.5015	114.5082	154.61
114.5087	114.5094	126.65
114.5153	114.5444	263.30
114.5460	114.5505	153.44
114.5586	114.5599	135.79
114.5700	114.5746	183.96
114.5785	114.5807	133.65
114.5887	114.5928	156.63
114.6007	114.6086	171.16
114.6091	114.6094	122.30
114.6103	114.6111	129.67
114.6115	114.6120	121.94
114.6221	114.6244	145.58
114.6274	114.6320	134.87
114.6339	114.6370	133.12
114.6417	114.6512	276.02
114.6802	114.6941	434.62
114.6947	114.6952	123.19
114.6959	114.7004	156.89
114.7043	114.7254	278.74
114.7258	114.7390	281.07
114.7408	114.7532	211.97
114.7533	114.7539	123.63
114.7540	114.7542	120.68
114.7653	114.7653	120.13
114.7661	114.7775	300.02
114.7790	114.7832	150.32
114.7847	114.7997	246.60
114.8023	114.8077	180.83
114.8084	114.8121	154.26
114.8123	114.8131	121.97
114.8135	114.8302	223.78
114.8308	114.8369	181.72
114.8488	114.8538	155.14
114.8558	114.8566	123.89
114.8577	114.8595	131.31
114.8700	114.8712	134.54
114.8733	114.8844	294.49
114.8940	114.8998	175.23
114.9562	114.9587	132.44
114.9844	114.9885	143.41

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
115.0577	115.0628	200.01
115.0631	115.0632	120.28
115.0633	115.0635	120.61
115.0775	115.0911	174.84
115.1171	115.1214	155.00
115.1270	115.1324	174.27
115.1383	115.1501	429.79
115.1663	115.1670	123.69
115.1674	115.1691	131.43
115.2880	115.2891	129.56
115.3287	115.3331	172.10
115.3479	115.3491	133.86
115.3554	115.3585	152.59
115.6521	115.6526	122.10
115.6527	115.6529	120.98
116.4030	116.4038	122.06
116.4040	116.4052	128.57
116.4055	116.4106	143.21
116.4109	116.4117	128.16
116.6306	116.6312	125.62
116.6322	116.6324	120.35
116.6826	116.6828	120.98
116.6833	116.6857	125.92
116.8773	116.8811	150.99
116.9350	116.9358	126.40
116.9449	116.9454	125.24
116.9889	116.9932	144.39
117.0564	117.0607	161.26
117.1265	117.1318	242.63
117.1599	117.1645	173.92
117.4557	117.4564	123.82
117.4632	117.4633	120.26
117.4634	117.4672	149.61
117.4674	117.4686	141.68
117.4689	117.4690	120.44
117.6808	117.6855	153.87
117.9798	117.9800	122.18
117.9813	117.9814	120.21
118.1501	118.1515	143.34
118.1556	118.1599	173.90
118.1879	118.1916	148.12
118.4327	118.4345	145.73
118.5466	118.5484	135.13
119.7338	119.7349	126.90
119.8782	119.8789	129.29
120.0967	120.1011	161.42
120.1348	120.1384	154.17
120.1932	120.1970	155.09

Analysis: Ride Quality

Inputs

Threshold (in/mi): 120.00
Segment Length (ft): 528.00

Selections

File	Section	Apply 250mm Filter
0936430Mono395SB120.5-106.6 T1 to T2 - 1	Full	Yes

Leave-outs

Results

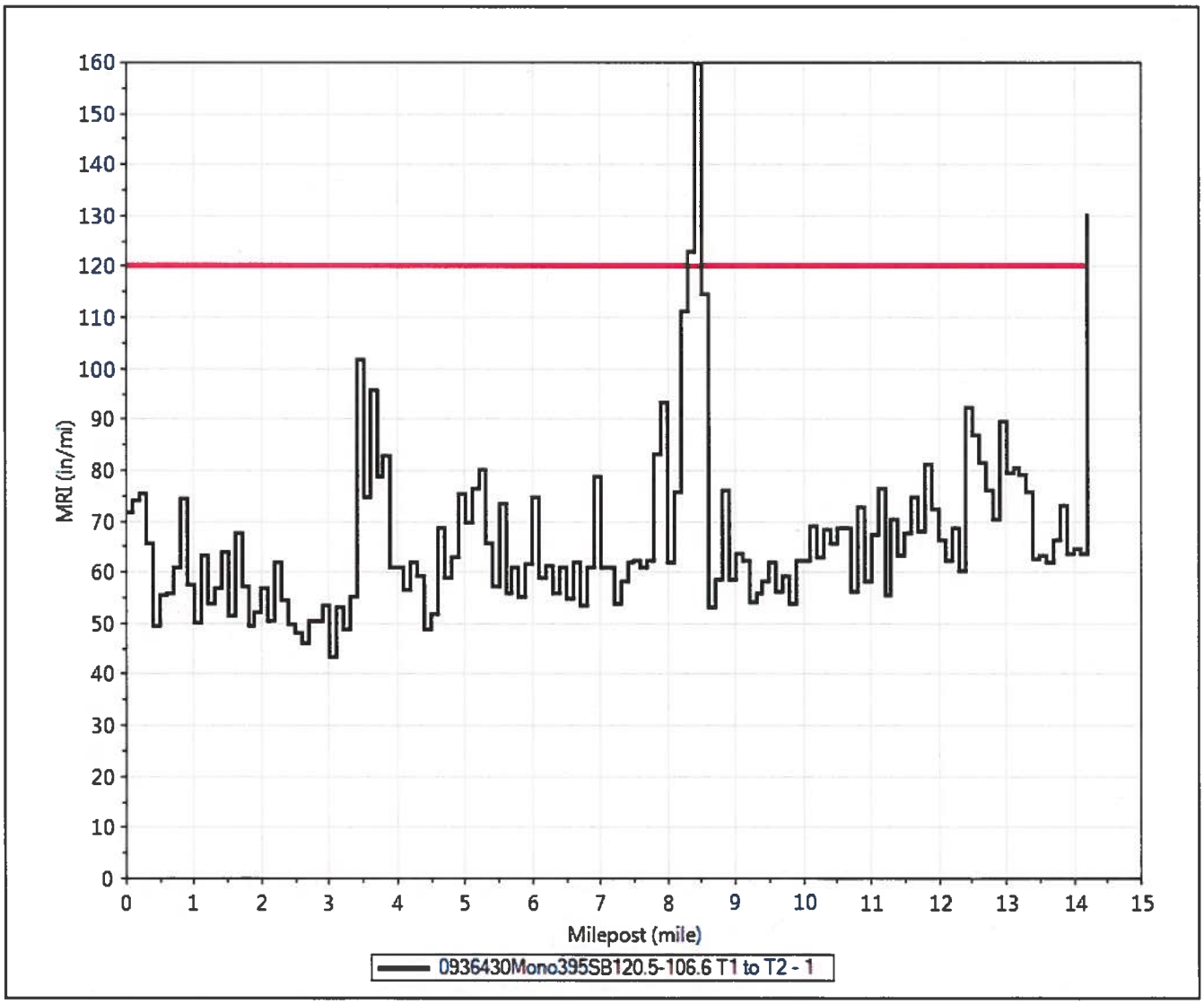
0936430Mono395SB120.5-106.6 T1 to T2 - 1

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
0.0000	0.1000	528.00	71.42
0.1000	0.2000	528.00	73.98
0.2000	0.3000	528.00	75.17
0.3000	0.4000	528.00	65.49
0.4000	0.5000	528.00	49.13
0.5000	0.6000	528.00	55.41
0.6000	0.7000	528.00	55.61
0.7000	0.8000	528.00	60.89
0.8000	0.9000	528.00	74.38
0.9000	1.0000	528.00	57.55
1.0000	1.1000	528.00	50.00
1.1000	1.2000	528.00	63.25
1.2000	1.3000	528.00	53.59
1.3000	1.4000	528.00	56.69
1.4000	1.5000	528.00	63.92
1.5000	1.6000	528.00	51.39
1.6000	1.7000	528.00	67.58
1.7000	1.8000	528.00	57.15
1.8000	1.9000	528.00	49.32
1.9000	2.0000	528.00	52.09
2.0000	2.1000	528.00	56.87
2.1000	2.2000	528.00	50.41
2.2000	2.3000	528.00	61.77
2.3000	2.4000	528.00	54.33
2.4000	2.5000	528.00	49.58
2.5000	2.6000	528.00	47.87
2.6000	2.7000	528.00	46.07
2.7000	2.8000	528.00	50.42
2.8000	2.9000	528.00	50.21
2.9000	3.0000	528.00	53.42
3.0000	3.1000	528.00	43.30
3.1000	3.2000	528.00	53.12

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
3.2000	3.3000	528.00	48.58
3.3000	3.4000	528.00	54.95
3.4000	3.5000	528.00	101.56
3.5000	3.6000	528.00	74.62
3.6000	3.7000	528.00	95.62
3.7000	3.8000	528.00	78.62
3.8000	3.9000	528.00	82.58
3.9000	4.0000	528.00	60.64
4.0000	4.1000	528.00	60.82
4.1000	4.2000	528.00	56.41
4.2000	4.3000	528.00	61.89
4.3000	4.4000	528.00	59.00
4.4000	4.5000	528.00	48.74
4.5000	4.6000	528.00	51.59
4.6000	4.7000	528.00	68.39
4.7000	4.8000	528.00	58.68
4.8000	4.9000	528.00	62.70
4.9000	5.0000	528.00	75.13
5.0000	5.1000	528.00	69.57
5.1000	5.2000	528.00	76.21
5.2000	5.3000	528.00	79.93
5.3000	5.4000	528.00	65.43
5.4000	5.5000	528.00	56.89
5.5000	5.6000	528.00	73.32
5.6000	5.7000	528.00	55.68
5.7000	5.8000	528.00	60.78
5.8000	5.9000	528.00	54.87
5.9000	6.0000	528.00	61.41
6.0000	6.1000	528.00	74.57
6.1000	6.2000	528.00	58.77
6.2000	6.3000	528.00	61.17
6.3000	6.4000	528.00	55.73
6.4000	6.5000	528.00	60.91
6.5000	6.6000	528.00	54.69
6.6000	6.7000	528.00	61.79
6.7000	6.8000	528.00	53.32
6.8000	6.9000	528.00	60.67
6.9000	7.0000	528.00	78.61
7.0000	7.1000	528.00	60.65
7.1000	7.2000	528.00	60.90
7.2000	7.3000	528.00	53.53
7.3000	7.4000	528.00	58.17
7.4000	7.5000	528.00	61.84
7.5000	7.6000	528.00	61.98
7.6000	7.7000	528.00	60.86
7.7000	7.8000	528.00	62.03
7.8000	7.9000	528.00	83.13
7.9000	8.0000	528.00	93.23

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
8.0000	8.1000	528.00	61.69
8.1000	8.2000	528.00	75.66
8.2000	8.3000	528.00	111.14
8.3000	8.4000	528.00	122.75
8.4000	8.5000	528.00	159.56
8.5000	8.6000	528.00	114.46
8.6000	8.7000	528.00	52.91
8.7000	8.8000	528.00	58.42
8.8000	8.9000	528.00	75.94
8.9000	9.0000	528.00	58.44
9.0000	9.1000	528.00	63.51
9.1000	9.2000	528.00	62.19
9.2000	9.3000	528.00	53.86
9.3000	9.4000	528.00	55.75
9.4000	9.5000	528.00	58.11
9.5000	9.6000	528.00	61.61
9.6000	9.7000	528.00	56.10
9.7000	9.8000	528.00	59.06
9.8000	9.9000	528.00	53.64
9.9000	10.0000	528.00	62.23
10.0000	10.1000	528.00	62.08
10.1000	10.2000	528.00	68.74
10.2000	10.3000	528.00	62.73
10.3000	10.4000	528.00	68.20
10.4000	10.5000	528.00	65.52
10.5000	10.6000	528.00	68.64
10.6000	10.7000	528.00	68.48
10.7000	10.8000	528.00	56.16
10.8000	10.9000	528.00	72.52
10.9000	11.0000	528.00	58.13
11.0000	11.1000	528.00	67.08
11.1000	11.2000	528.00	76.33
11.2000	11.3000	528.00	55.47
11.3000	11.4000	528.00	70.25
11.4000	11.5000	528.00	63.07
11.5000	11.6000	528.00	67.39
11.6000	11.7000	528.00	74.57
11.7000	11.8000	528.00	67.81
11.8000	11.9000	528.00	80.91
11.9000	12.0000	528.00	72.10
12.0000	12.1000	528.00	66.32
12.1000	12.2000	528.00	62.08
12.2000	12.3000	528.00	68.54
12.3000	12.4000	528.00	60.18
12.4000	12.5000	528.00	92.03
12.5000	12.6000	528.00	86.63
12.6000	12.7000	528.00	81.23
12.7000	12.8000	528.00	76.07

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
12.8000	12.9000	528.00	70.37
12.9000	13.0000	528.00	89.53
13.0000	13.1000	528.00	79.18
13.1000	13.2000	528.00	80.23
13.2000	13.3000	528.00	78.92
13.3000	13.4000	528.00	75.58
13.4000	13.5000	528.00	62.28
13.5000	13.6000	528.00	63.01
13.6000	13.7000	528.00	61.69
13.7000	13.8000	528.00	66.08
13.8000	13.9000	528.00	73.01
13.9000	14.0000	528.00	63.54
14.0000	14.1000	528.00	64.52
14.1000	14.2000	528.00	63.47
14.2000	14.2372	195.50	129.85



Analysis: Ride Quality

Inputs

Threshold (in/mi): 120.00
Segment Length (ft): 25.00

Selections

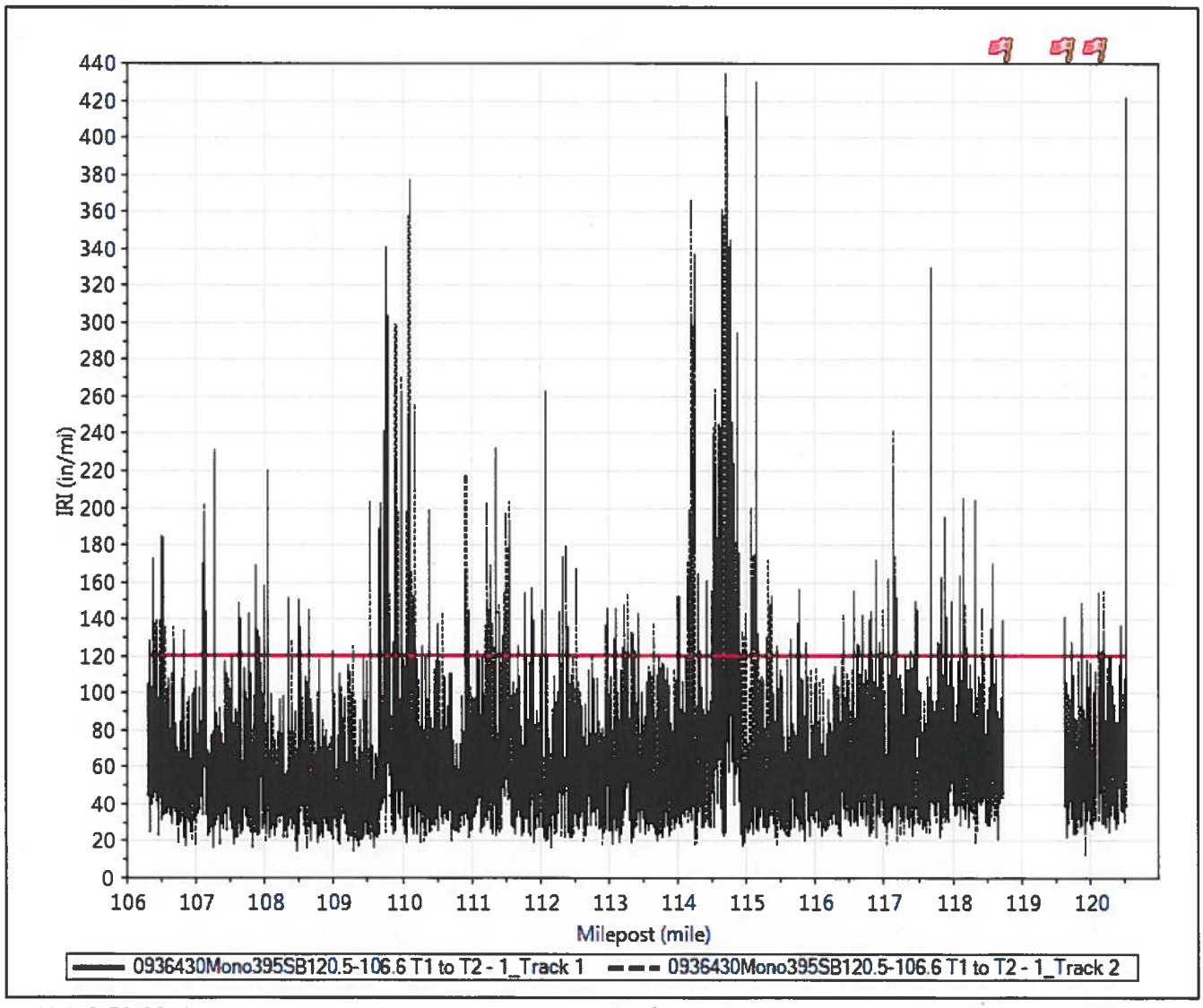
File	Profile	Section	Apply 250mm Filter
0936430Mono395SB120.5-106.6 T1 to T2 - 1	Track 1	Full	Yes
0936430Mono395SB120.5-106.6 T1 to T2 - 1	Track 2	Full	Yes

Leave-outs

0936430Mono395SB120.5-106.6 T1 to T2 - 1

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	Name
118.736	119.618	4,659.672	High Point Job Limits
120.090	120.120	158.422	Culvert

Results



0936430Mono395SB120.5-106.6 T1 to T2 - 1_Track 1

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
106.3280	106.3304	128.03
106.3783	106.3829	172.31
106.5077	106.5124	184.84
106.5138	106.5146	123.30
106.5246	106.5288	160.84
106.6678	106.6682	122.14
106.6711	106.6712	120.52
106.8123	106.8163	133.44
107.1062	107.1108	170.04
107.1223	107.1269	163.37
107.1423	107.1458	143.88
107.2745	107.2826	231.28
107.6302	107.6347	148.65
107.7596	107.7619	143.04
107.8779	107.8819	169.05
107.9293	107.9310	130.06
107.9887	107.9919	139.79
107.9983	107.9985	120.55
108.0373	108.0444	220.42
108.3349	108.3387	151.29
108.4982	108.4986	123.04
108.5033	108.5060	135.86
108.6361	108.6396	145.23
108.9990	108.9995	122.58
109.5409	109.5415	122.64
109.5428	109.5441	134.97
109.6741	109.6789	202.41
109.7295	109.7298	121.23
109.7301	109.7321	145.94
109.7322	109.7340	138.94
109.7364	109.7390	139.13
109.7396	109.7414	130.24
109.7693	109.7831	340.40
109.7976	109.7990	126.28
109.7995	109.7999	121.33
109.8001	109.8001	120.05
109.8666	109.8679	127.31
109.8955	109.9005	225.43
109.9069	109.9109	145.31
109.9136	109.9147	133.65
109.9153	109.9160	125.38
109.9168	109.9171	122.11
109.9240	109.9265	129.29
109.9776	109.9874	243.49
110.0733	110.0777	156.67
110.0948	110.1041	253.05
110.1614	110.1655	152.52
110.1768	110.1770	120.63

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
110.3912	110.3959	198.22
110.9179	110.9220	165.12
110.9535	110.9576	145.17
111.0715	111.0719	122.90
111.2816	111.2862	169.30
111.3577	111.3632	231.85
111.4528	111.4553	130.80
111.4800	111.4813	127.33
111.4829	111.4832	121.34
111.4837	111.4861	139.33
111.4866	111.4880	126.36
111.4896	111.4941	141.09
111.5543	111.5608	168.29
111.6871	111.6877	125.26
111.7740	111.7771	154.00
111.8688	111.8690	121.46
111.8693	111.8708	128.51
111.8709	111.8732	136.75
111.8938	111.8946	123.61
111.8956	111.8981	139.47
112.0259	112.0267	133.52
112.0756	112.0806	262.94
112.2784	112.2809	136.48
112.3208	112.3217	128.25
112.3242	112.3260	143.43
112.3266	112.3269	121.03
112.3275	112.3330	137.98
112.3707	112.3748	143.69
112.4004	112.4021	135.64
112.9838	112.9841	120.91
112.9847	112.9869	145.40
113.1053	113.1073	145.52
113.2241	113.2248	128.99
113.3579	113.3589	131.89
113.4220	113.4263	143.01
113.9884	113.9929	152.44
113.9961	113.9963	120.46
114.0204	114.0209	128.10
114.0212	114.0249	152.54
114.1695	114.1731	148.17
114.2931	114.2942	127.70
114.2971	114.3017	153.76
114.3188	114.3194	122.72
114.3201	114.3205	122.13
114.4142	114.4164	133.11
114.4298	114.4315	127.34
114.4326	114.4331	122.38
114.5335	114.5451	210.60
114.5462	114.5494	131.78

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
114.5607	114.5610	122.11
114.5788	114.5792	123.80
114.5795	114.5816	131.25
114.6042	114.6127	244.66
114.6220	114.6276	196.63
114.6342	114.6528	361.18
114.6973	114.6981	124.38
114.7172	114.7193	129.45
114.7241	114.7256	138.77
114.7262	114.7388	411.66
114.7393	114.7398	124.81
114.7407	114.7414	128.38
114.7436	114.7495	196.27
114.7596	114.7622	142.93
114.7673	114.7931	344.54
114.7992	114.8006	130.88
114.8013	114.8083	213.74
114.8089	114.8111	124.05
114.8189	114.8237	161.80
114.8553	114.8557	124.78
114.8559	114.8561	120.32
114.8580	114.8634	176.18
114.8774	114.8788	142.27
114.8999	114.9001	121.79
115.3455	115.3492	147.56
115.4542	115.4550	125.68
115.6527	115.6535	128.71
115.6535	115.6538	123.19
115.7542	115.7593	156.08
115.8746	115.8760	127.26
116.5556	116.5601	155.16
116.5741	116.5743	120.83
116.5746	116.5747	120.17
116.6117	116.6128	125.81
116.6135	116.6140	122.22
116.6825	116.6862	141.57
116.7787	116.7815	139.58
116.8092	116.8118	143.93
116.8769	116.8815	171.93
116.9494	116.9511	126.89
117.1423	117.1464	141.24
117.1606	117.1647	162.01
117.1876	117.1913	151.01
117.3786	117.3788	122.94
117.4366	117.4367	120.09
117.4684	117.4714	141.87
117.4935	117.4975	144.69
117.6765	117.6842	329.98
117.6853	117.6855	121.52

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
117.6872	117.6876	124.13
117.6877	117.6925	167.92
117.7812	117.7812	120.13
117.7819	117.7820	120.26
117.7837	117.7841	120.58
117.7973	117.7976	120.69
117.7978	117.7985	127.09
117.8312	117.8348	162.59
117.8437	117.8452	128.58
117.8454	117.8455	120.35
117.8767	117.8816	194.66
117.9033	117.9072	141.19
117.9794	117.9841	149.17
117.9843	117.9851	130.05
117.9857	117.9869	129.14
118.1105	118.1140	140.30
118.1148	118.1203	163.45
118.1205	118.1211	122.09
118.1214	118.1219	128.02
118.1504	118.1507	120.90
118.1558	118.1607	205.37
118.2111	118.2115	123.82
118.2128	118.2134	124.70
118.3243	118.3244	120.26
118.3244	118.3294	204.54
118.5634	118.5649	131.43
118.5718	118.5778	169.92
118.7272	118.7289	139.30
119.6183	119.6191	134.34
119.6323	119.6342	141.20
119.8745	119.8792	148.30
120.1562	120.1567	121.37
120.1863	120.1866	122.87
120.1948	120.1965	130.76
120.1967	120.1974	122.05
120.4563	120.4581	136.28
120.5178	120.5347	421.11

0936430Mono395SB120.5-106.6 T1 to T2 - 1_Track 2

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
106.3797	106.3799	121.46
106.3815	106.3817	120.96
106.3985	106.4014	138.07
106.4134	106.4158	140.55
106.4223	106.4228	126.69
106.4853	106.4890	139.48
106.5249	106.5290	161.16
106.5418	106.5447	135.47
106.6800	106.6833	135.80

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
107.1072	107.1108	145.25
107.1110	107.1111	120.43
107.1189	107.1282	202.76
107.1431	107.1460	142.60
107.2783	107.2826	151.16
107.6306	107.6320	129.40
107.8767	107.8801	136.13
107.9882	107.9924	158.03
108.0478	108.0481	121.71
108.3351	108.3392	149.13
108.3881	108.3890	127.51
108.3892	108.3903	129.12
108.3915	108.3918	120.79
108.4949	108.4995	150.79
108.5050	108.5052	120.92
108.9997	109.0006	122.58
109.2955	109.2988	125.68
109.5398	109.5446	203.20
109.6745	109.6767	133.60
109.6950	109.6966	142.25
109.6971	109.6978	121.88
109.7305	109.7450	241.76
109.7678	109.7778	291.91
109.7804	109.7851	151.27
109.7953	109.7993	134.07
109.7995	109.7998	122.33
109.8196	109.8227	153.39
109.8823	109.8851	128.37
109.8956	109.9013	298.61
109.9060	109.9111	226.32
109.9137	109.9142	127.29
109.9154	109.9155	120.65
109.9161	109.9278	197.96
109.9765	109.9867	271.23
109.9905	109.9908	124.13
110.0723	110.0776	216.06
110.0788	110.0803	140.40
110.0948	110.1040	376.50
110.1251	110.1268	140.32
110.1273	110.1320	166.13
110.1619	110.1653	133.80
110.1892	110.1906	135.49
110.1907	110.1979	255.84
110.2916	110.2930	125.12
110.3911	110.3955	179.45
110.5154	110.5192	136.93
110.5776	110.5808	142.74
110.9177	110.9226	218.04
111.2136	111.2136	120.02

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
111.2137	111.2167	136.01
111.2297	111.2372	202.09
111.2527	111.2563	145.07
111.2936	111.2937	120.88
111.2939	111.2969	137.06
111.3357	111.3361	125.46
111.3584	111.3631	150.05
111.3955	111.3996	148.24
111.4785	111.4809	139.74
111.4811	111.4815	122.94
111.4856	111.4858	120.99
111.4863	111.4886	140.26
111.4892	111.4921	153.93
111.4923	111.4947	141.08
111.4969	111.4972	121.73
111.4984	111.4985	120.23
111.5042	111.5051	123.60
111.5134	111.5210	196.52
111.5531	111.5544	128.78
111.5555	111.5648	203.36
111.7743	111.7784	152.82
111.8829	111.8870	156.88
112.0227	112.0266	144.52
112.0756	112.0807	237.03
112.1026	112.1027	120.20
112.2705	112.2738	144.33
112.3242	112.3309	173.86
112.3705	112.3753	179.22
112.5336	112.5381	166.85
112.9582	112.9614	136.72
113.0793	113.0805	128.89
113.2029	113.2030	120.11
113.2033	113.2046	124.05
113.2252	113.2298	147.62
113.2632	113.2634	121.44
113.2693	113.2704	127.52
113.2804	113.2840	153.67
113.3157	113.3191	132.90
113.3585	113.3590	124.53
113.3754	113.3758	122.50
113.6432	113.6448	138.61
114.1526	114.1575	171.55
114.1674	114.1692	140.98
114.1741	114.1796	200.04
114.1906	114.2011	366.15
114.2169	114.2198	146.57
114.2227	114.2273	158.53
114.2283	114.2490	336.69
114.2864	114.2867	120.56

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
114.2881	114.2944	144.60
114.2956	114.2996	164.27
114.4146	114.4157	123.59
114.4208	114.4273	160.61
114.4294	114.4309	146.58
114.4313	114.4315	120.81
114.4896	114.4923	149.43
114.4926	114.4930	122.32
114.5015	114.5082	154.61
114.5087	114.5094	126.65
114.5153	114.5443	263.30
114.5460	114.5505	153.44
114.5586	114.5599	135.79
114.5700	114.5746	183.96
114.5785	114.5807	133.65
114.5887	114.5928	156.63
114.6007	114.6086	171.16
114.6091	114.6094	122.30
114.6103	114.6111	129.67
114.6115	114.6120	121.94
114.6221	114.6244	145.58
114.6274	114.6320	134.87
114.6339	114.6370	133.12
114.6417	114.6512	276.02
114.6802	114.6941	434.62
114.6947	114.6952	123.19
114.6959	114.7004	156.89
114.7043	114.7254	278.74
114.7258	114.7390	281.07
114.7409	114.7532	211.97
114.7533	114.7539	123.63
114.7540	114.7542	120.68
114.7653	114.7653	120.13
114.7661	114.7775	300.02
114.7790	114.7832	150.32
114.7847	114.7997	246.60
114.8023	114.8077	180.83
114.8084	114.8121	154.26
114.8123	114.8131	121.97
114.8135	114.8302	223.78
114.8308	114.8369	181.72
114.8488	114.8538	155.14
114.8558	114.8566	123.89
114.8577	114.8595	131.31
114.8700	114.8712	134.54
114.8733	114.8844	294.49
114.8940	114.8998	175.23
114.9562	114.9587	132.44
114.9844	114.9885	143.41

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
115.0577	115.0628	200.01
115.0631	115.0632	120.28
115.0633	115.0635	120.61
115.0775	115.0911	174.84
115.1171	115.1214	155.00
115.1270	115.1324	174.27
115.1383	115.1501	429.79
115.1663	115.1670	123.69
115.1674	115.1691	131.43
115.2880	115.2891	129.56
115.3287	115.3331	172.10
115.3479	115.3491	133.86
115.3554	115.3585	152.59
115.6521	115.6526	122.10
115.6527	115.6529	120.98
116.4030	116.4038	122.06
116.4040	116.4052	128.57
116.4055	116.4106	143.21
116.4109	116.4117	128.16
116.6306	116.6312	125.62
116.6322	116.6324	120.35
116.6826	116.6828	120.98
116.6833	116.6857	125.92
116.8773	116.8811	150.99
116.9350	116.9358	126.40
116.9449	116.9454	125.24
116.9889	116.9932	144.39
117.0564	117.0607	161.26
117.1265	117.1318	242.63
117.1599	117.1645	173.92
117.4557	117.4564	123.82
117.4632	117.4633	120.26
117.4634	117.4672	149.61
117.4674	117.4686	141.68
117.4689	117.4690	120.44
117.6808	117.6855	153.87
117.9798	117.9800	122.18
117.9813	117.9814	120.21
118.1501	118.1515	143.34
118.1556	118.1599	173.90
118.1879	118.1916	148.12
118.4327	118.4345	145.73
118.5466	118.5484	135.13
119.7338	119.7349	126.90
119.8782	119.8789	129.29
120.1348	120.1384	154.17
120.1932	120.1970	155.09
120.5183	120.5203	128.47
120.5257	120.5260	122.24

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
120.5263	120.5347	245.99

Analysis: Ride Quality

Inputs

Threshold (in/mi): 120.00
Segment Length (ft): 528.00

Selections

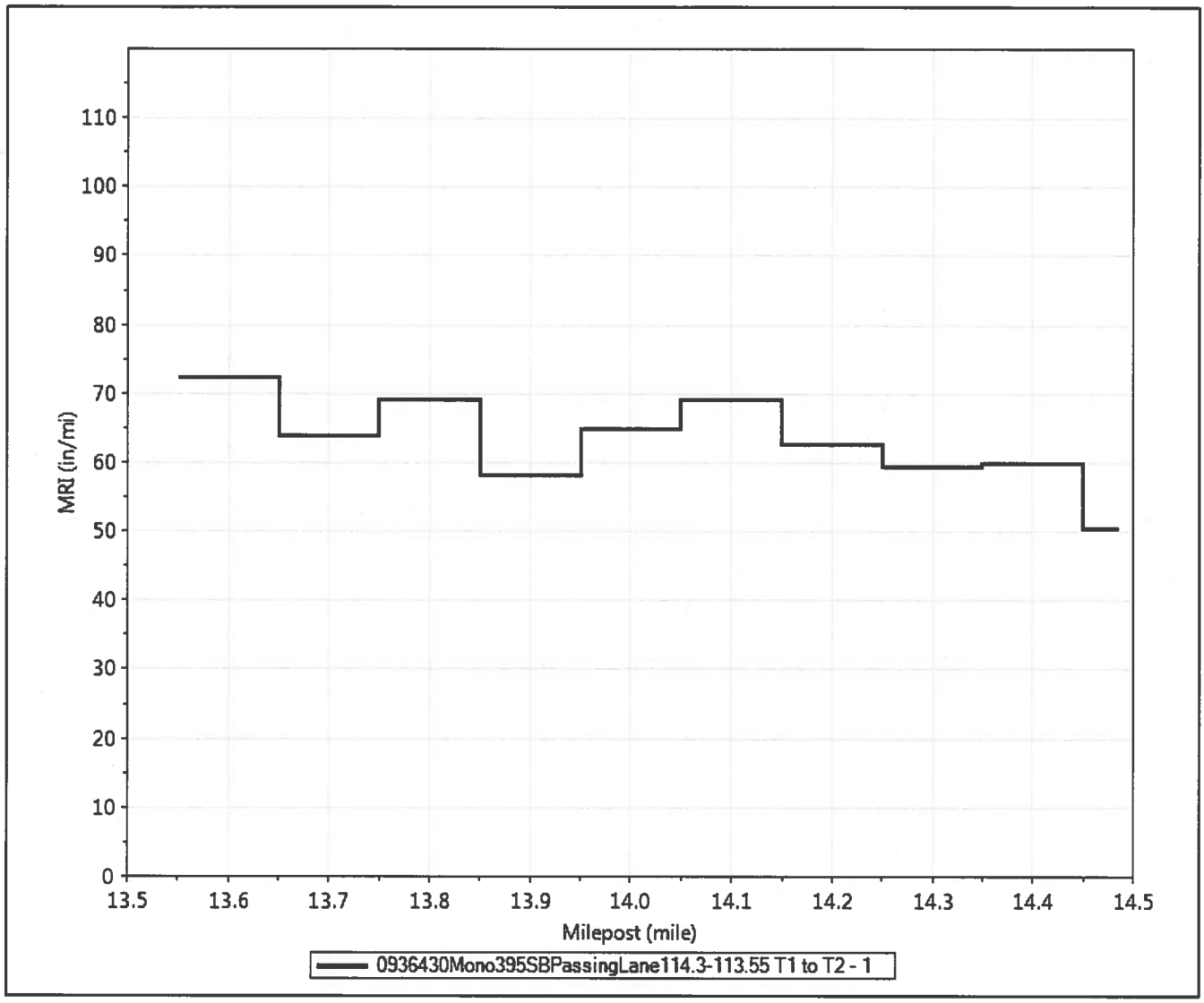
File	Section	Apply 250mm Filter
0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1	Full	Yes

Leave-outs

Results

0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1

Start Milepost (mile)	Stop Milepost (mile)	Length (ft)	MRI (in/mi)
13.5500	13.6500	528.00	72.19
13.6500	13.7500	528.00	63.61
13.7500	13.8500	528.00	68.85
13.8500	13.9500	528.00	58.02
13.9500	14.0500	528.00	64.79
14.0500	14.1500	528.00	68.87
14.1500	14.2500	528.00	62.37
14.2500	14.3500	528.00	59.22
14.3500	14.4500	528.00	59.83
14.4500	14.4851	184.67	50.41


110
100
90
80
70
60
50
40
30
20
10
0
MRI (in/mi)
13.5
13.6
13.7
13.8
13.9
14.0
14.1
14.2
14.3
14.4
14.5
Milepost (mile)
0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1

Analysis: Ride Quality

Inputs

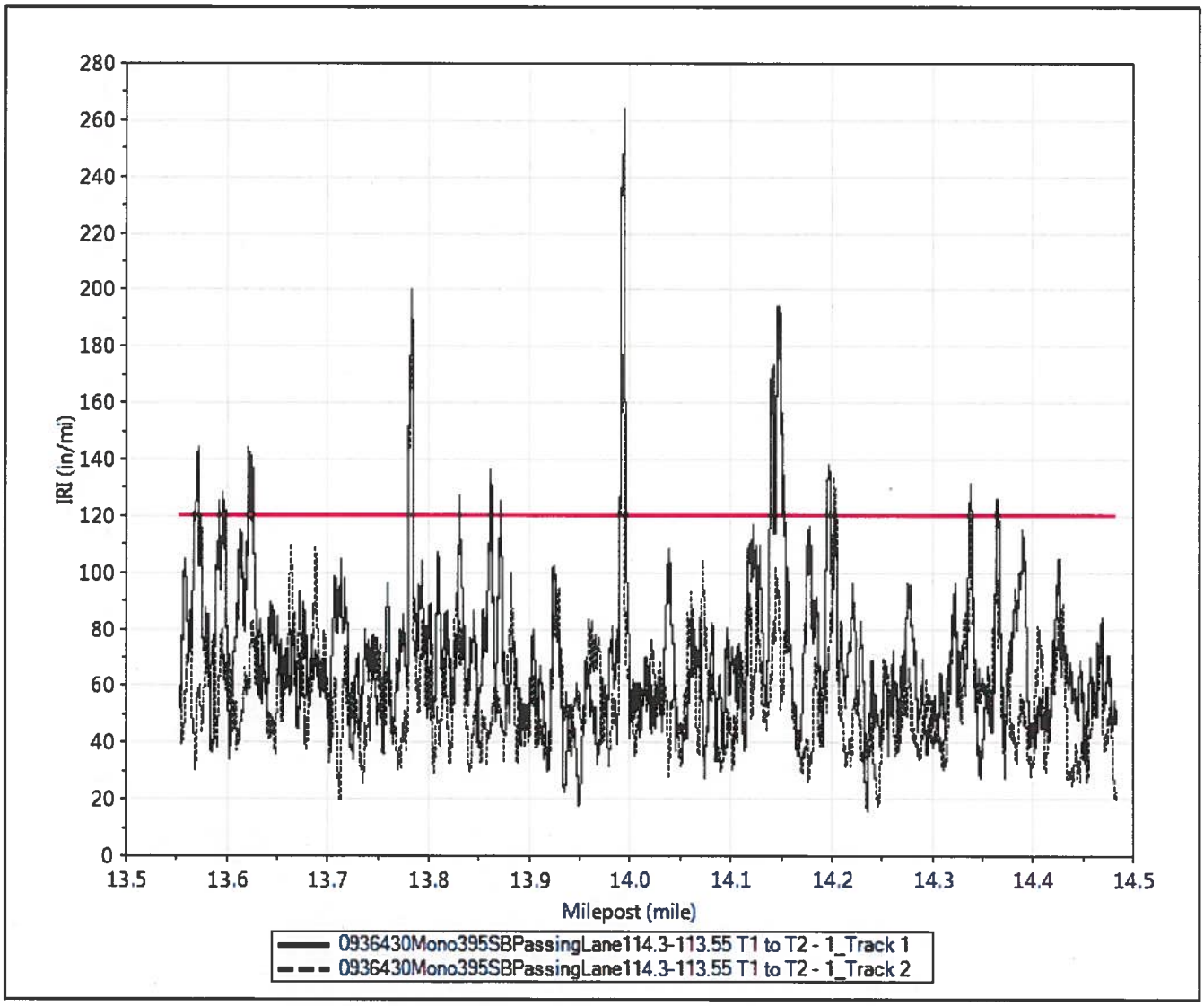
Threshold (in/mi): 120.00
Segment Length (ft): 25.00

Selections

File	Profile	Section	Apply 250mm Filter
0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1	Track 1	Full	Yes
0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1	Track 2	Full	Yes

Leave-outs

Results



0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1_Track 1

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
13.5673	13.5680	124.11
13.5685	13.5719	144.15

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
13.5915	13.5919	125.24
13.5953	13.5961	128.42
13.5971	13.5980	125.45
13.6209	13.6235	144.43
13.6240	13.6259	141.18
13.7796	13.7846	200.00
13.8304	13.8309	127.52
13.8610	13.8624	136.53
13.8710	13.8715	125.44
13.9897	13.9956	264.23
14.1381	14.1429	173.71
14.1437	14.1517	194.41
14.1518	14.1530	134.79
14.1956	14.1984	138.16
14.2015	14.2018	123.99
14.2028	14.2029	120.07
14.3368	14.3391	131.50
14.3642	14.3650	126.18
14.3655	14.3662	125.00

0936430Mono395SBPassingLane114.3-113.55 T1 to T2 - 1_Track 2

Start Milepost (mile)	Stop Milepost (mile)	IRI (in/mi)
13.7797	13.7844	177.30
13.9898	13.9944	177.27
14.2014	14.2046	133.86
14.3391	14.3392	120.18

Survey Control Data

WALKER CAPM IC CONTROL MAP

(9) 78+61.233 32.401 LT
N. 2,406,904.97
E. 6,842,069.64
ELEV. = 5,082.83′

(8) 207+50.40 40 RT
N. 2,402,078.03
E. 6,843,299.34
ELEV. = 5,111.71′

(7) PM 112.06 1998
N. 2,397,011.08
E. 6,844528.03
ELEV. = 5,125.05′

(6) PM 111.14
N. 2,392,436.88
E. 6,845,824.60
ELEV. = 5,155.37′

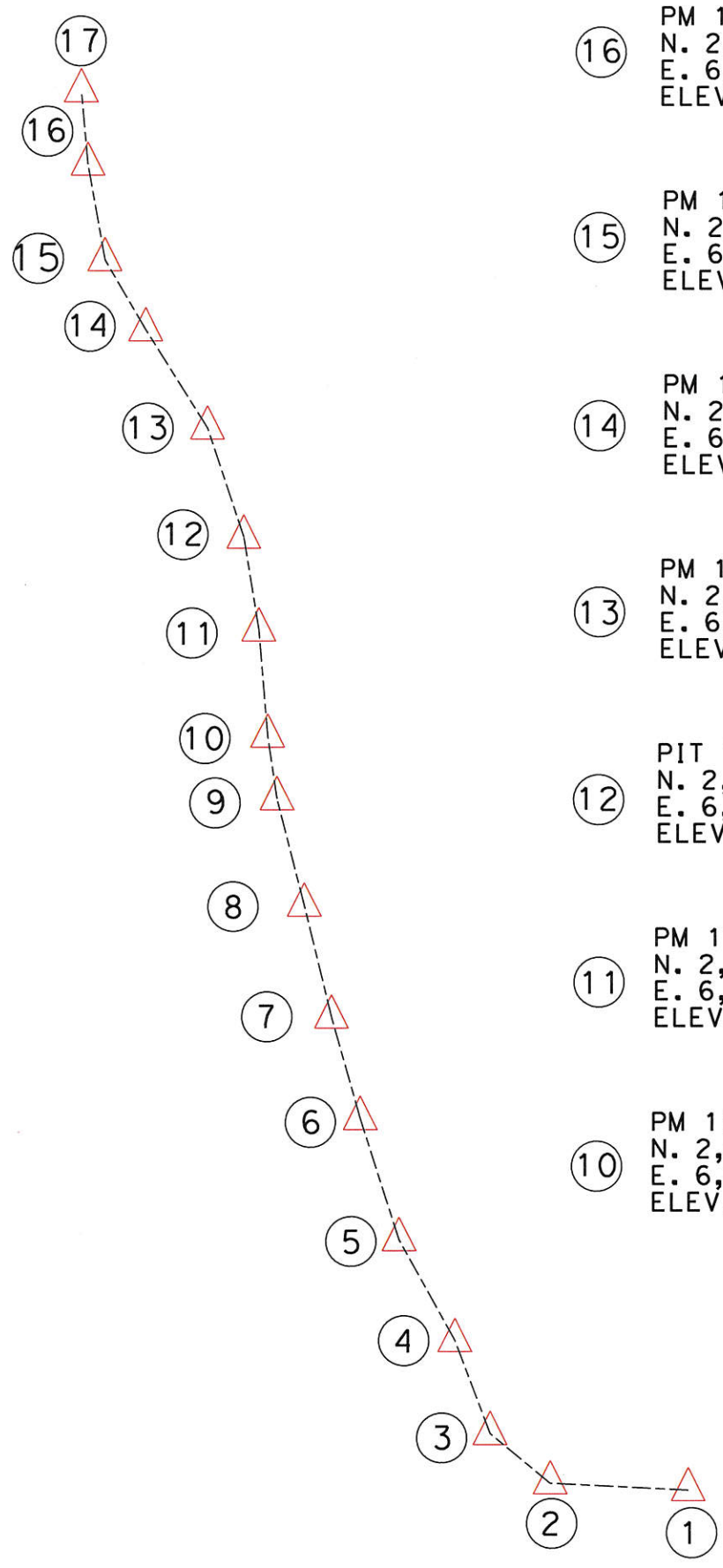
(5) PM 110.0
N. 2,386,962.04
E. 6,847,576.21
ELEV. = 5,216.81′

(4) PM 109
N. 2,382,398.57
E. 6,850,079.95
ELEV. = 5,249.62′

(3) PM 108.17
N. 2,378,197.26
E. 6,851,671.17
ELEV. = 5,324.22′

(2) SAND AZ MK
N. 2,375,956.69
E. 6,854,369.18
ELEV. = 5,387.26′

(1) 695+51.09 EC 49.91 RT
N. 2,375,637.69
E. 6,860,569.27
ELEV. = 5,464.33′



(17) PM 120.58 1998
N. 2,438,902.00
E. 6,833,219.05
ELEV. = 5,104.94′

(16) PM 119.96 1998
N. 2,435,574.83
E. 6,833,526.52
ELEV. = 5,061.32′

(15) PM 119.02 2013
N. 2,431,249.69
E. 6,834,295.12
ELEV. = 5,061.63′

(14) PM 118.32 1998
N. 2,428,084.38
E. 6,836,137.58
ELEV. = 5,038.36′

(13) PM 117.30 1998
N. 2,423,646.46
E. 6,838,917.31
ELEV. = 5,062.90′

(12) PIT T-BAR W/CAP
N. 2,418,716.95
E. 6,840,556.60
ELEV. = 5,064.53′

(11) PM 115.4
N. 2,414,521.77
E. 6,841,235.22
ELEV. = 5,049.14′

(10) PM 114.5
N. 2,409,726.89
E. 6,841,641.84
ELEV. = 5,035.61′

C.G.F. = 0.9997886

WALKER CAPM IC
CONTROL MAP

STATE OF CALIFORNIA
BUSINESS, TRANSPORTATION, AND HOUSING AGENCY
DEPARTMENT OF TRANSPORTATION

09-MNO-395 PM 106.3/120.5
EA: 09-36430
PROJECT # 0914000038

DATUM AND NOTES:
UNITS ARE U.S. SURVEY FEET,
COORDINATES AND BEARINGS ARE NAD83
(1991.35),ZONE 3, ELEVATIONS ARE NGVD29.
TO CONVERT GRID TO GROUND DISTANCES
DIVIDE BY THE C.G.F. THE COMBINED
GRID FACTOR IS 0.9997886.

CONTROL POINT DESCRIPTIONS

PT #	NAME	DESCRIPTION
1	695+51.09 EC 49.91 RT	Found R/W C monument, up 0.5', poor condition - top is crumbling but brass pin is still solid, 50' right of C/L MNO 395 @ PM 106.23, 30' SE'ly of "EAST SIDE LANE" turn sign w/mon. post & paddle 3' W'ly.
2	SAND AZ MK	Found CADH brass cap in concrete, up 0.1', stamped "SAND AZ MK", 39' east of C/L MNO 395 @ PM 107.47 w/three monument posts surrounding point.
3	PM 108.17 1998	Found CT alum cap on ¾" rebar, down 0.1', stamped "PM 108.17 1998", 30' west of C/L MNO 395 w/mon. post & paddle 2' W'ly.
4	PM 109	Found CT alum cap on 1" IDIP, down 1.5', stamped "PM 109", 30' east of C/L MNO 395 @ PM 108.99, 12' east of EP, 31' NW'ly of power pole #286936 w/ mon. post & paddle 1.5' E'ly.
5	PM 110.0	Found T-bar w/cap, flush, stamped "PM 110.0", 36.7' west of C/L MNO 395 @ PM 110.00, 165' north of Larson Lane w/mon. post & paddle 1.5' E'ly.
6	PM 111.14	Found T-bar w/cap, up 0.1', stamped "PM 111.14", 56' west of C/L MNO 395 w/mon. post & paddle 2.5' E'ly.
7	PM 112.06 1998	Found CT alum cap on ¾" rebar, down 0.1', stamped "PM 112.06 1998", 33' east of C/L MNO 395, 11.5' SW'ly of free end of metal gate in R/W fence w/mon. post & paddle 1.5' E'ly.
8	207+50 40 RT	Found CADH brass cap on 2-3/8" ODIP, down 0.5', stamped "207+50 40 RT", 50' right of C/L MNO 395 @ PM 113.04, 1.2' west of R/W fence across from entrance to Marine Housing w/mon. post & paddle 3' W'ly.
9	78+61.233 32.401 LT	Found CT alum cap on 3/4" rebar, flush, stamped "78+61.233 32.401 LT", 106' left of C/L MNO 395 @ PM 113.99, 13' E'ly of top of cut slope w/mon. post & paddle 3' E'ly.
10	PM 114.5	Found T-bar w/cap, down 0.3', stamped "PM 114.5", 57.4' west of C/L MNO 395 @ PM 114.52, 4.6' NE'ly of fence angle pt., 2.6' east of R/W fence, w/mon. post & paddle 2.5' E'ly.
11	PM 115.4	Found T-bar w/cap, down 0.1', stamped "PM 115.4", 32.5' west of C/L MNO 395 @ PM 115.46 w/mon. post & paddle 3' E'ly.
12	PIT	Found T-bar w/cap, flush, stamped "PIT", 86.3' west of C/L MNO 395 @ PM 116.30 w/mon. post & paddle 3' W'ly.
13	PM 117.30 1998	Found CT alum cap on ¾" rebar, down 0.1', stamped "PM 117.30 1998", 50' east of C/L MNO 395 w/mon. post & paddle 2.5' E'ly.

CONTROL POINT DESCRIPTIONS

PT #	NAME	DESCRIPTION
14	PM 118.32 1998	Found CT alum cap on ¾” rebar, flush, stamped "PM 118.32 1998", 31.8' east of C/L MNO 395 2.5' east of front face MBGR w/mon. post & paddle 2' SW'ly.
15	PM 119.02 2013	Found CT alum cap on 3/4" rebar, flush, stamped "PM 119.02 2013", 100' east of C/L MNO 395 at eastern edge of large pullout area overlooking Topaz Lake, 33' east of front face MBGR, 10' west of top of slope leading down to Topaz Lake w/mon. post & paddle 3' W'ly.
16	PM 119.96 1998	Found CT alum cap on ¾” rebar, down 0.1', stamped "PM 119.96 1998". 24.3' east of C/L MNO 395, 21.3' NW'ly of “TOPAZ LAKE MOBILE HOME PARK” sign w/mon. post & paddle 6.6' E'ly.
76	PM 120.58 1998	Found CT alum cap on ¾” rebar, flush, stamped "PM 120.58 1998", 49' west of C/L MNO 395 w/mon. post & paddle 4' W'ly. (Note; this point is in Nevada)