



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Dale F. Doughty
COMMISSIONER

March 23, 2026
Subject: Pavement Milling &
Cyclical Pavement Resurfacing
WIN: 028902.00 & 029422.00
Location: **Winslow & Benton**
Amendment No. 1

Dear Sir/Ms.:

Make the following changes to the bid book

Remove pages eighteen through twenty three titled Proposal Schedule of items dated 2/26/2026 and **Replace** with the attached Proposal Schedule of Items dated 3/16/2026

Remove pages thirty eight through 41 titled TYPICAL SECTIONS totaling four pages **Replace** with the attached TYPICAL SECTIONS totaling four pages

Remove pages forty three through forty six titled Construction notes dated February 25, 2026 and **Replace** with the attached construction notes dated March 13, 2026

Remove page fifty six through sixty one titled TYPICAL SECTIONS totaling four pages **Replace** with the attached TYPICAL SECTIONS totaling four pages

Remove pages sixty five through sixty nine titled construction notes dated February 25, 2026 and **Replace** with the attached Construction notes dated March 16, 2026

Add SPECIAL PROVISION SECTION 204 SHOULDER REHABILITATION totaling one page dated

Add SPECIAL PROVISION SECTION 205 SHOULDER RECONSTRUCTION totaling one page

Add SPECIAL PROVISION SECTION 631 EQUIPMENT RENTAL (Small Paving Grinder- by the hour) Dated March 13, 2026

The following questions have been received:

Question: What is the average width figured for the shoulder work for item 205.412 for each WIN?

Response: Please refer to the revised Typical Sections, which have been updated to clarify the width of each shoulder section and the associated work expected in those areas.

The Construction Notes and Special Provisions have also been revised to further clarify the method of measurement and payment for the work referenced in this request. Contractors shall perform the work in accordance with the revised documents. Please see attached updated Schedule of Items.

Question: Could the department please provide detailed information including stationing for the items shown on the schedule of items under Section 2 to allow the contractor to accurately locate, quantify and evaluate the associated work?

Response: Details on the presence of gate valves can be found in the Special Provisions 104 and with the respective utilities. The Department does not provide stationing and offsets for gate valves. The Contractor will need to coordinate work with the Utility.

Consider these changes and information prior to submitting your bid on **March 25, 2026**.

Sincerely,



George M. A. Macdougall P.E.
Contracts & Specifications Engineer

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 028902.00

Project(s): 028902.00, 029422.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	202.2023 REMOVING PAVEMENT SURFACE - MEDIUM CUT DRUM	37,409.000 SY	_____	 _____	_____	 _____
0030	202.203 PAVEMENT BUTT JOINTS	200.000 SY	_____	 _____	_____	 _____
0040	204.21 ADD SHOULDER AGGREGATE - TRUCK MEASURE	150.000 CY	_____	 _____	_____	 _____
0050	205.412 RECONSTRUCTION OF EXISTING SHOULDER	2,260.000 SY	_____	 _____	_____	 _____
0060	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	650.000 CY	_____	 _____	_____	 _____
0080	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	3,240.000 T	_____	 _____	_____	 _____
0090	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	90.000 T	_____	 _____	_____	 _____
0100	403.211 HOT MIX ASPHALT (SHIMMING)	450.000 T	_____	 _____	_____	 _____
0110	403.213 HOT MIX ASPHALT 12.5 MM BASE	1,900.000 T	_____	 _____	_____	 _____
0130	409.15 BITUMINOUS TACK COAT - APPLIED	3,220.000 G	_____	 _____	_____	 _____
0150	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	60.000 CY	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 028902.00

Project(s): 028902.00, 029422.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0160	461.210 9.5 MM HMA - CYCLICAL PAVEMENT RESURFACING	550.000 T	_____	 _____	_____	 _____
0170	511.07 COFFERDAM: DOWNSTREAM	LUMP SUM	_____	 LUMP SUM	_____	 _____
0180	511.07 COFFERDAM: UPSTREAM	LUMP SUM	_____	 LUMP SUM	_____	 _____
0190	603.16 15 INCH CULVERT PIPE OPTION I	20.000 LF	_____	 _____	_____	 _____
0200	603.209 30 INCH CULVERT PIPE OPTION III	90.000 LF	_____	 _____	_____	 _____
0210	604.092 CATCH BASIN TYPE B1-C	4.000 EA	_____	 _____	_____	 _____
0220	604.16 ALTERING CATCH BASIN TO MANHOLES	1.000 EA	_____	 _____	_____	 _____
0250	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	2.000 EA	_____	 _____	_____	 _____
0270	606.356 UNDERDRAIN DELINEATOR POST	26.000 EA	_____	 _____	_____	 _____
0280	606.47 SINGLE WOOD POST	13.000 EA	_____	 _____	_____	 _____
0290	609.21 CONCRETE SLIPFORM CURB	2,425.000 LF	_____	 _____	_____	 _____
0300	610.08 PLAIN RIPRAP	11.000 CY	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 028902.00

Project(s): 028902.00, 029422.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0310	613.319 EROSION CONTROL BLANKET	2,240.000 SY	_____	 _____	_____	 _____
0320	615.07 LOAM	94.000 CY	_____	 _____	_____	 _____
0330	618.13 SEEDING METHOD NUMBER 1	46.000 UN	_____	 _____	_____	 _____
0340	618.14 SEEDING METHOD NUMBER 2	66.000 UN	_____	 _____	_____	 _____
0350	619.12 MULCH	112.000 UN	_____	 _____	_____	 _____
0360	620.58 EROSION CONTROL GEOTEXTILE	22.000 SY	_____	 _____	_____	 _____
0370	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	36,140.000 LF	_____	 _____	_____	 _____
0380	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	550.000 SF	_____	 _____	_____	 _____
0390	627.78 TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	72,165.000 LF	_____	 _____	_____	 _____
0400	629.05 HAND LABOR, STRAIGHT TIME	35.000 HR	_____	 _____	_____	 _____
0410	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	185.000 HR	_____	 _____	_____	 _____
0420	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	370.000 HR	_____	 _____	_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 028902.00

Project(s): 028902.00, 029422.00

SECTION: 1 INITIAL GROUP

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0430	631.212 SMALL PAVEMENT GRINDER (INCLUDING OPERATOR)	40.000 HR	_____	 _____	_____	 _____
0440	639.19 FIELD OFFICE TYPE B	1.000 EA	_____	 _____	_____	 _____
0450	652.33 DRUM	20.000 EA	_____	 _____	_____	 _____
0460	652.34 CONE	300.000 EA	_____	 _____	_____	 _____
0470	652.35 CONSTRUCTION SIGNS	3,400.000 SF	_____	 _____	_____	 _____
0480	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	137.000 CD	_____	 _____	_____	 _____
0490	652.38 FLAGGER	3,090.000 HR	_____	 _____	_____	 _____
0500	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	3.000 EA	_____	 _____	_____	 _____
0510	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		 LUMP SUM	_____	 _____
0520	659.10 MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
Section: 1			Total:		_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 028902.00

Project(s): 028902.00, 029422.00

SECTION: 2 TOWN OF WINSLOW

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0020	202.2023 REMOVING PAVEMENT SURFACE - MEDIUM CUT DRUM	8,320.000 SY	_____	 _____	_____	 _____
0070	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	730.000 T	_____	 _____	_____	 _____
0120	403.213 HOT MIX ASPHALT 12.5 MM BASE	25.000 T	_____	 _____	_____	 _____
0140	409.15 BITUMINOUS TACK COAT - APPLIED	450.000 G	_____	 _____	_____	 _____
0230	604.16 ALTERING CATCH BASIN TO MANHOLES	1.000 EA	_____	 _____	_____	 _____
0240	604.161 ALTERING CATCH BASIN	1.000 EA	_____	 _____	_____	 _____
0260	604.18 ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	6.000 EA	_____	 _____	_____	 _____
0530	659.10 MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
Section: 2			Total:		_____	 _____

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 028902.00

Project(s): 028902.00, 029422.00

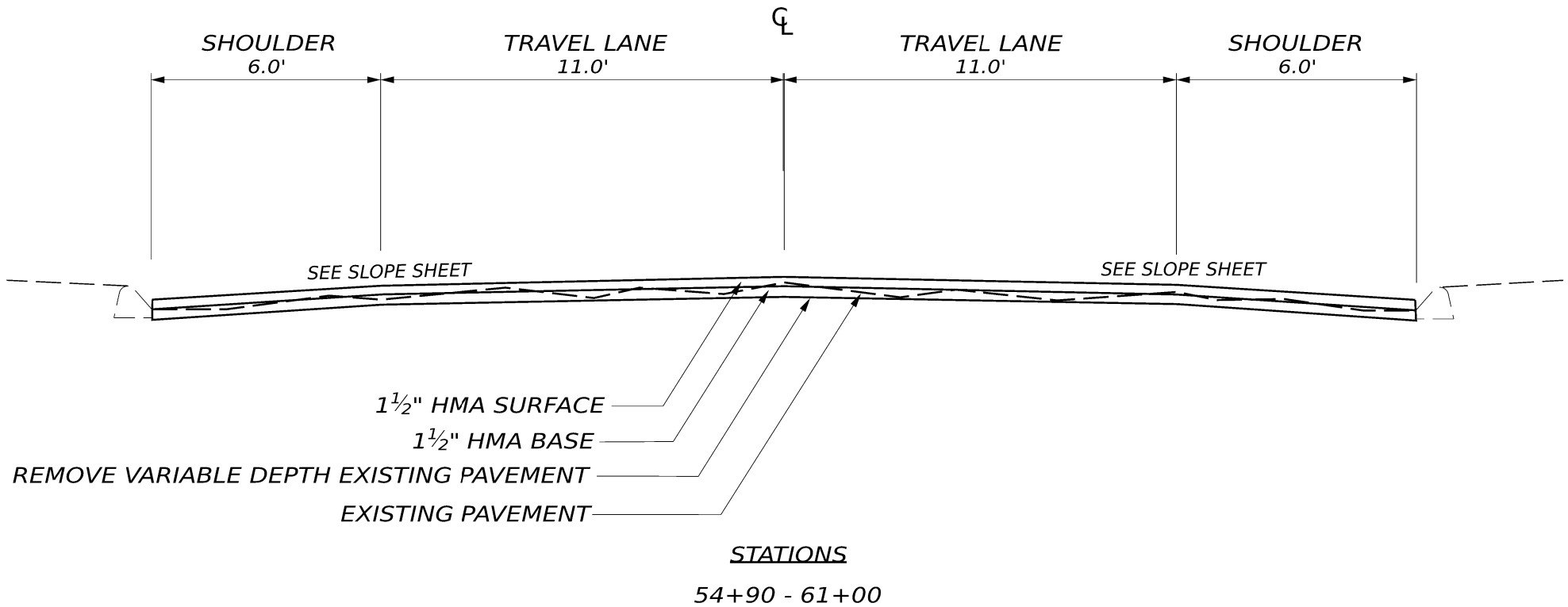
SECTION: 3 KENNEBEC WATER DISTRICT

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0540	823.332 GATE VALVE BOX, ADJUST TO GRADE	53.000 EA	_____	 _____	_____	 _____
	Section: 3		Total:		_____	 _____
			Total Bid:		_____	 _____

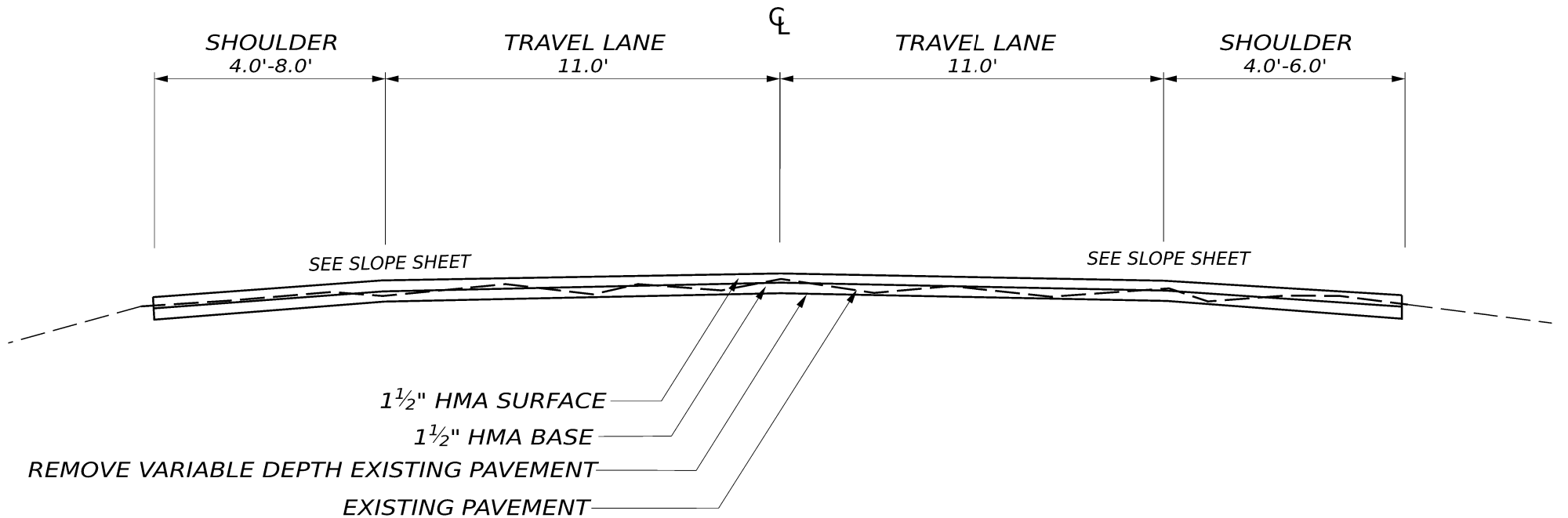
**COLLECTOR HIGHWAY IMPROVEMENT PROGRAM
 VARIABLE MILL & 3" OVERLAY
 SHOWING CURB**



NOT TO SCALE

WINSLOW-BENTON BENTON AVENUE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SHEET NUMBER 1 OF 4
TYPICAL SECTIONS	WIN 28902.00	28902.00 HIGHWAY PLANS	

**COLLECTOR HIGHWAY IMPROVEMENT PROGRAM
VARIABLE MILL & 3" OVERLAY**



STATIONS

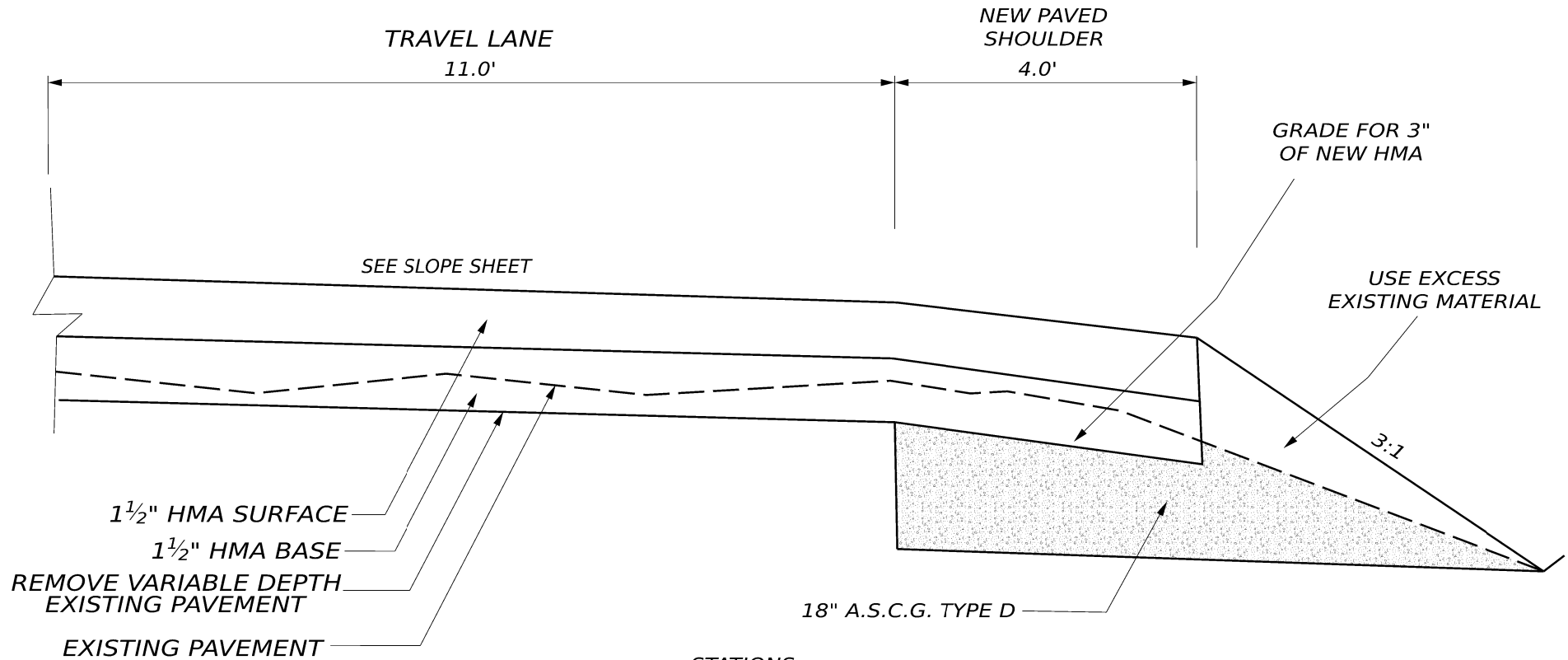
LT	RT
14+05 - 16+39 (6.0')	18+25 - 25+97 (4.0')
22+44 - 43+44 (6.0')	25+97 - 39+52 (6.0')
46+90 - 54+90 (4.0')	

NOTE: SEE TYPICAL 3 FOR CONSTRUCT NEW
PAVED SHOULDER DETAIL & LOCATIONS

NOT TO SCALE

WINSLOW-BENTON BENTON AVENUE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SHEET NUMBER
TYPICAL SECTIONS	WIN 28902.00	28902.00 HIGHWAY PLANS	2 OF 4

**COLLECTOR HIGHWAY IMPROVEMENT PROGRAM
NEW PAVED SHOULDER
DETAIL**



STATIONS

LT	RT
9+50 - 14+05	9+50 - 18+25
16+39 - 22+44	39+52 - 54+70
43+44 - 46+90	

NOT TO SCALE

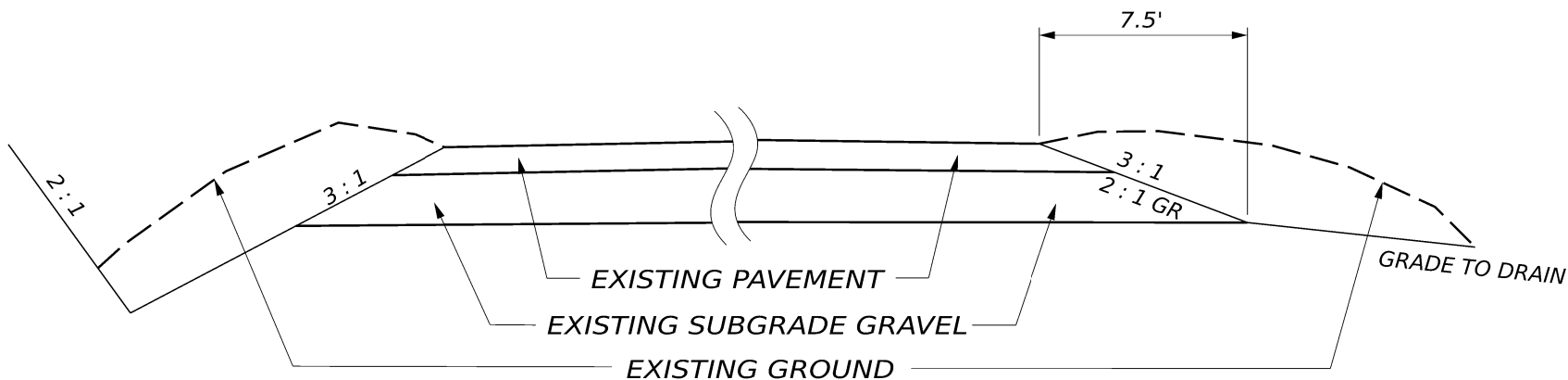
WINSLOW-BENTON
BENTON AVENUE
TYPICAL SECTIONS

WIN 28902.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
28902.00 HIGHWAY PLANS

SHEET NUMBER
3 OF 4

*WINTER SAND REMOVAL
NORMAL TYPICAL*



NOT TO SCALE

WINSLOW-BENTON
BENTON AVENUE
TYPICAL SECTIONS

WIN 28902.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
28902.00 HIGHWAY PLANS

SHEET NUMBER
4 OF 4

CONSTRUCTION NOTES

202.2023 - Removing Pavement Surface – Medium Cut Drum

Millings/grindings will become property of the State of Maine and will be delivered and stockpiled at the Maintenance Camp in Sidney located at 109 Lyons Road. Payment for delivery and stockpiling will be incidental to Item 202.2023. Stockpiling shall include all equipment, personnel, and all other necessary incidentals required to construct stockpiles as per normal construction practices.

205.412 -Reconstruction of Existing Shoulder

See Typical Section for shoulder detail.

Left Shoulder

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Length</u>	<u>Width (Ft)</u>
9+50		14+05	455	4
16+39		22+44	605	4
43+44		46+90	346	4

Right Shoulder

<u>Station</u>	<u>To</u>	<u>Station</u>	<u>Length</u>	<u>Width (Ft)</u>
9+50		18+25	875	4
39+52		54+79	1527	4

403.208 - Hot Mix Asphalt 12.5 mm Surface Course

Shall be used for surface paving of the mainline and shoulders.
Shall be used to match into side road intersections.

Kennebec drive-25-RT
Booker ave-25-LT
Anderea ave-25'-LT
Dannielle ave-25'-LT

403.209 - Hot Mix Asphalt 9.5 mm (Sidewalks, Drives, and Incidentals)

Shall be used to match into paved driveways and at other locations as directed by the Department.

403.211 - Hot Mix Asphalt (Shimming)

Shall be used in areas where the milling operation daylighted and/or in delaminated area

CONSTRUCTION NOTES

411.10 - Untreated Aggregate Surface Course (Truck Measure)

Shall be used to back up driveway lips, mailboxes, and other locations as directed by the Department.

603.16 - 15 inch Culvert Option III

To be used for stub-pipe inlets into new catch basins.

603.209 -30 inch Culvert Option III

Station	Length
52+66	90.0 L.F.

604.092 - Catch Basin Type B1-C

Station	Offset	Quantity
28+62	17' RT	1
30+54	17' RT	1
31+67	17' RT	1
38+70	17' RT	1

604.18 - Adjusting Manhole or C.B. to Grade

Station	Offset	Quantity
24+80	27' LT	1
36+16	25' LT	1

CONSTRUCTION NOTES

609.21 - Slipform Concrete Curb

Station	to	Station	Offset	Length(ft)
14+20		14+85	LT	65
15+20		15+69	LT	49
22+70		22+92	LT	22
23+16		23+73	LT	57
25+02		25+75	LT	73
28+10		29+50	LT	140
29+73		30+22	LT	49
31+10		31+56	LT	46
34+15		34+72	LT	57
34+90		36+93	LT	203
41+03		41+70	LT	67
42+22		43+28	LT	106
56+30		57+15	LT	85
57+83		58+50	LT	67
59+38		60+60	LT	122
60+80		61+10	LT	30
21+80		22+63	RT	79
22+80		23+82	RT	94
24+00		24+40	RT	40
27+50		28+29	RT	83
28+56		28+95	RT	39
29+15		29+55	RT	40
31+10		31+77	RT	67
35+60		37+40	RT	180
37+80		38+80	RT	100
55+85		58+25	RT	240
58+75		61+00	RT	225

610.08 - Plain Riprap

Shall be used at both ends of the new 30-inch culvert installation.

613.319 - Erosion Control Blanket

Shall be used in ditch bottoms after ditch excavation done by A.P.E. and as directed by the Department.

CONSTRUCTION NOTES

615.07 - Loam

Shall be used in lawn areas.

618.13 - Seeding Method I

Shall be used in lawn areas where loam is placed.

618.14 - Seeding Method II

Shall be used in all disturbed areas other than loam areas.

620.58 - Erosion Control Geotextile

Shall be used under Plain Riprap at new culvert ends.

627.733 4" White or Yellow Painted Pavement Marking Line

Center lines and edge lines shall be painted on all matched pavement within one week. Center line TOMs may be utilized until final striping and will be considered incidental to the contract.

627.75 White or Yellow Pavement & Curb Marking

Sta 60+45 - Stop Bar

627.78 Temporary 4" Painted Pavement Marking Line, White or Yellow

Temporary center lines and edge lines shall be painted on all matched pavement within one week.

Multilane sections, truck lanes, and milled surfaces must be striped daily on all matched pavement layers.

Temporary lines will require one coat on the milled surface and one coat on the shim layer.

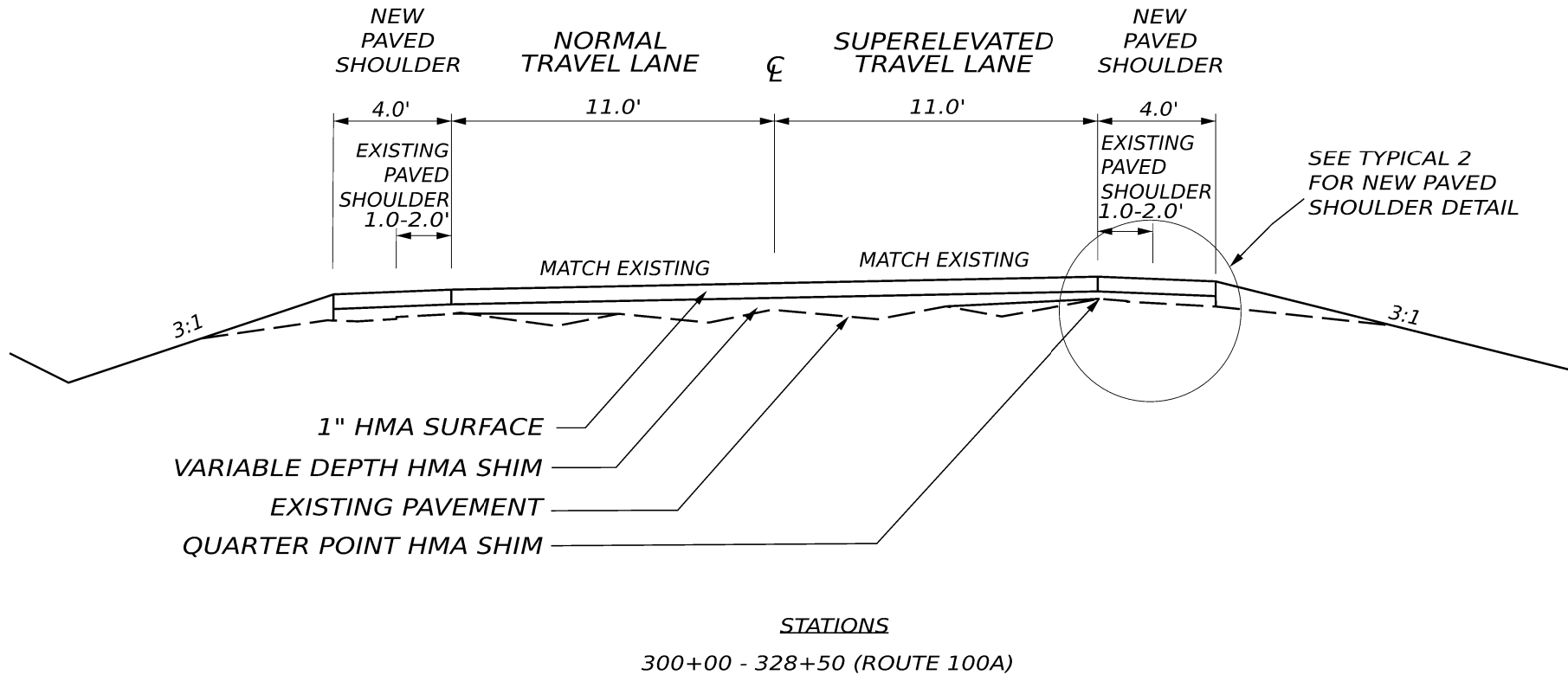
629 & 631 Hand Labor & Equipment Rental

Rental items to be used for removal of winter sand, backing up pavement, cleaning the edge of pavement after new shoulders are paved.

652.35 Construction Signs

Two **Road Work Next 1.0 Miles** signs are required for this project.

**1" HMA OVERLAY
WITH VARIABLE DEPTH SHIM**



NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32,
ROUTE 100A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

1 OF 6

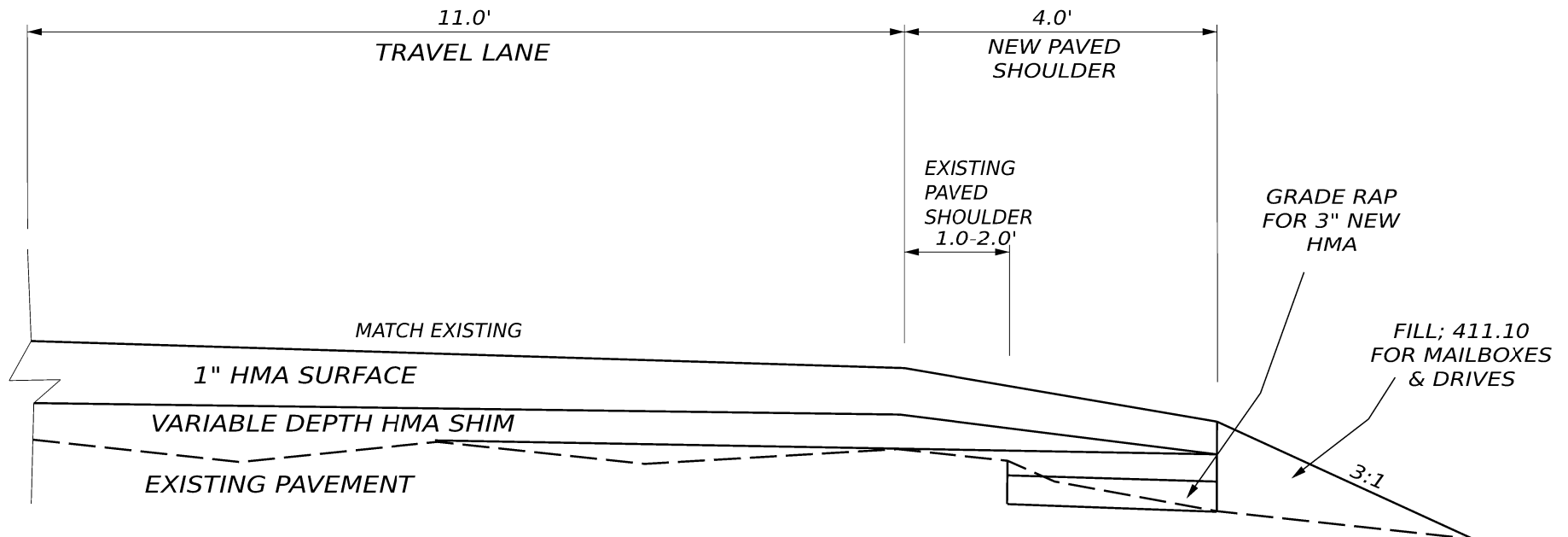
TYPICAL SECTIONS

WIN 29422.00

2942200

HIGHWAY PLANS

**NEW PAVED SHOULDER
SHIM & OVERLAY
DETAIL**



1. EXPECTATION IS TO USE ITEM 631.212 TO GRIND AT SHOULDER BREAK & REMOVE EXISTING PAVEMENT.
2. CONTRACTOR SHALL USE MILLINGS FROM 631.212 & ITEM 204.21 TO BUILD EXISTING SHOULDER OUT TO 4.0' WIDTH.
3. FOR FIRST COURSE OF HMA, CONTRACTOR SHALL USE 8.0' PAVER PLACING WING DOWN APPROX. 5.0' O/S CENTERLINE DRAGGING TO SHOULDER BREAK AND PLACING 1½" COMPACTED DEPTH AT NEW EDGE OF PAVEMENT.
4. FOR NEXT COURSE, CONTRACTOR SHALL PLACE ½" COMPACTED CENTERLINE DEPTH FULL WIDTH WITH SHIM COURSE.
5. SURFACE SHALL BE PLACED AT 1" COMPACTED CENTERLINE DEPTH TO 11.0' O/S CENTERLINE WHERE THE SHOULDER WILL BE TIPPED DOWN.

STATIONS

300+00 - 328+50 LT & RT (ROUTE 100A)

NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32,
ROUTE 100A

TYPICAL SECTIONS

WIN 29422.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

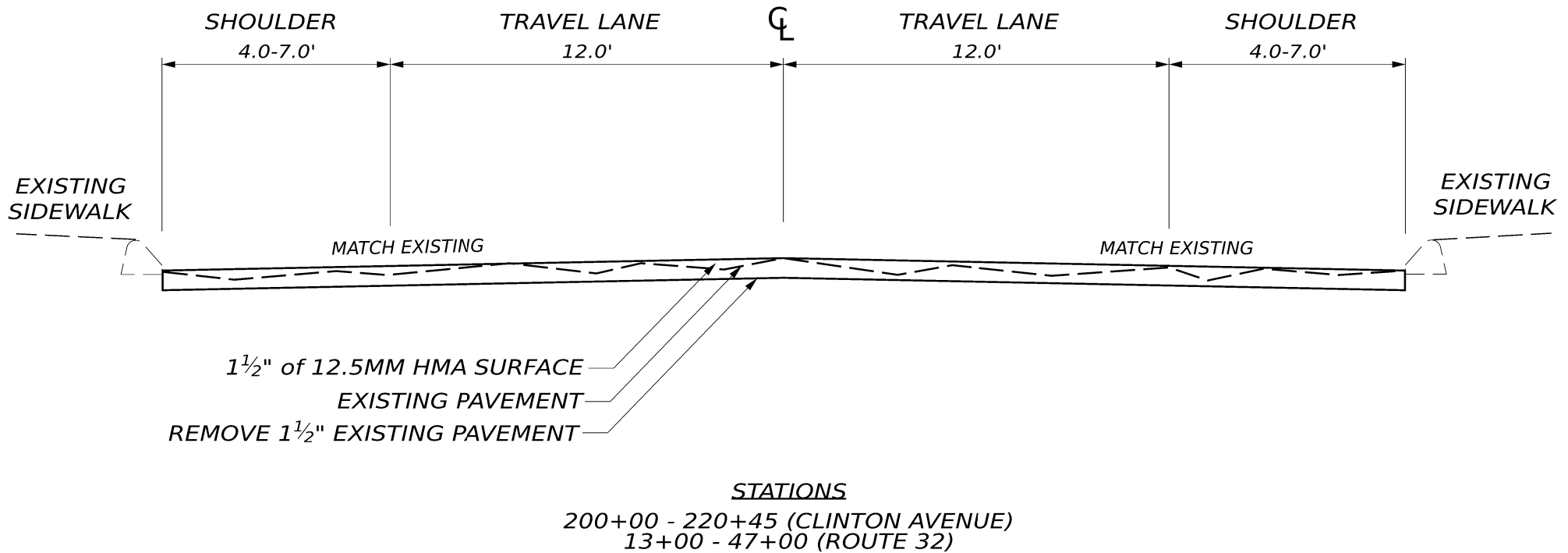
2942200

HIGHWAY PLANS

SHEET NUMBER

2 OF 6

**1½" MILL & FILL SHOWING
VARIABLE WIDTH ROADWAY**



NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32,
ROUTE 100A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

3 OF 6

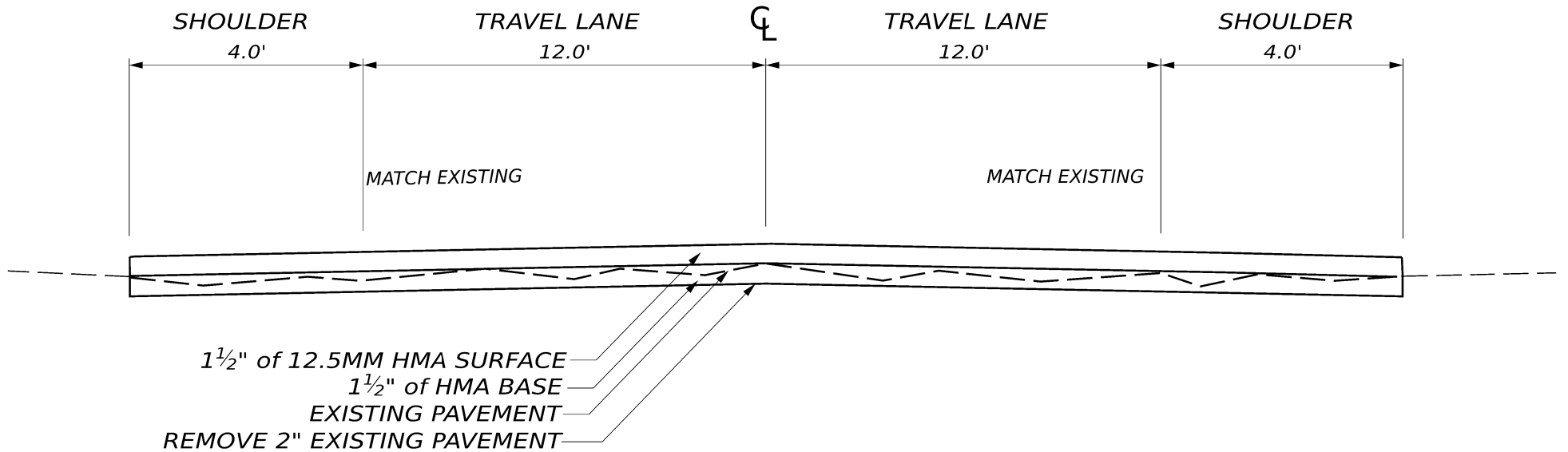
TYPICAL SECTIONS

WIN 29422.00

2942200

HIGHWAY PLANS

**2" MILL & 3" FILL SHOWING
VARIABLE WIDTH ROADWAY**



STATIONS
220+45 - 231+68 (CLINTON AVENUE)

NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32,
ROUTE 100A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

TYPICAL SECTIONS

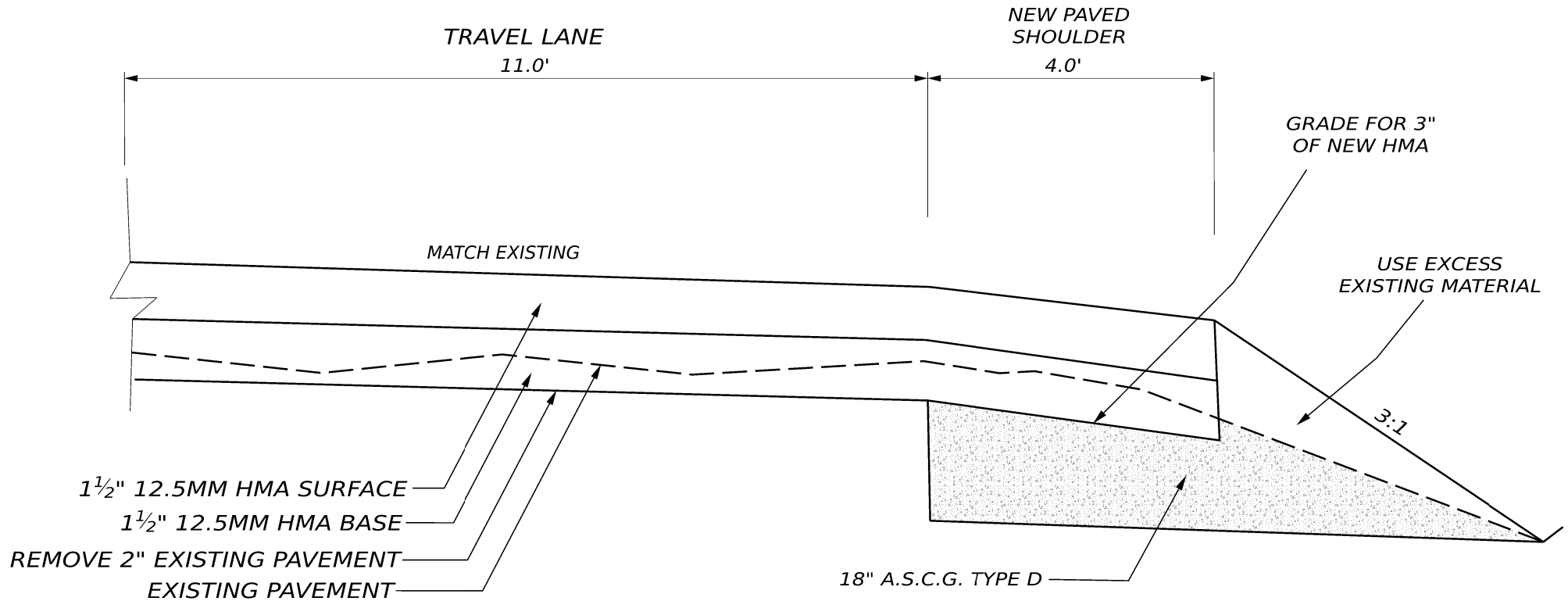
WIN 29422.00

2942200

HIGHWAY PLANS

4 OF 6

**NEW PAVED SHOULDER
2" MILL & 3" FILL
DETAIL**



STATIONS
220+45 - 231+68 (CLINTON AVENUE)

NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32,
ROUTE 100A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

5 OF 6

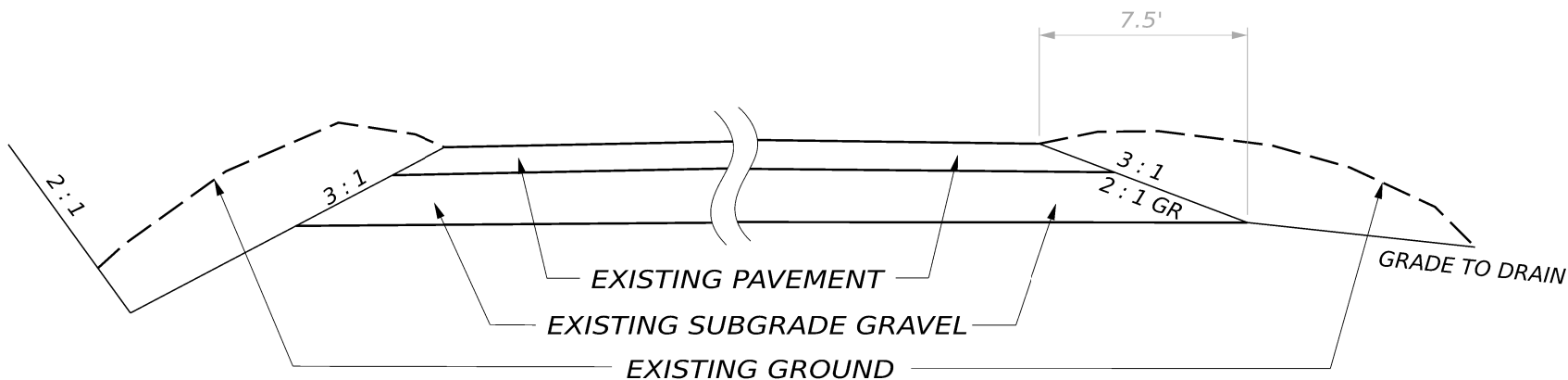
TYPICAL SECTIONS

WIN 29422.00

2942200

HIGHWAY PLANS

*WINTER SAND REMOVAL
NORMAL TYPICAL*



STATIONS
300+00 - 328+50 (ROUTE 100A)

NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32
ROUTE 100A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

6 OF 6

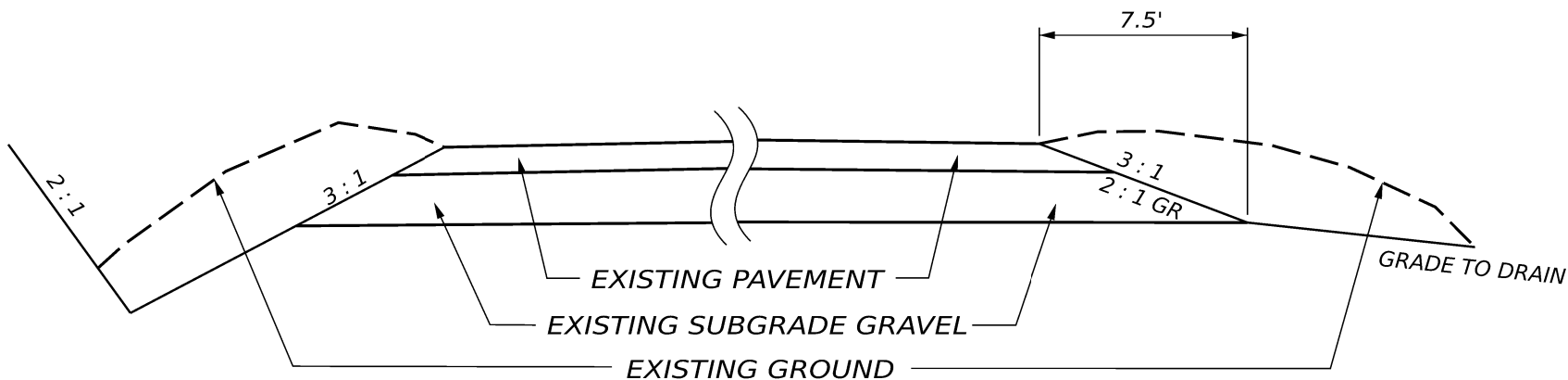
TYPICAL SECTIONS

WIN 29422.00

2942200

HIGHWAY PLANS

*WINTER SAND REMOVAL
NORMAL TYPICAL*



STATIONS

300+00 - 328+50 (ROUTE 100A)

NOT TO SCALE

WINSLOW
CLINTON AVENUE, ROUTE 32
ROUTE 100A

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER

6 OF 6

TYPICAL SECTIONS

WIN 29422.00

2942200

HIGHWAY PLANS

CONSTRUCTION NOTES

202.2023 - Removing Pavement Surface – Medium Cut Drum

Millings/grindings will become property of the Contractor.

Clinton Avenue

200+00 – 220+45

1½” Full Width, centerline control

220+45 – 231+68

2” Full Width, centerline control

Route 32

10+00 – 49+46

1½” Full Width, centerline control

204.21 – Add Shoulder Aggregate, Truck Measure

Route 100A

300+00 – 328+50

LT & RT

Estimated to build the existing 1-2’ paved shoulder out to uniform 4’ paved shoulders LT & RT on Route 100A. This item to be utilized if the pavement millings from Item 631.212 are not sufficient.

This item will not be used on Route 32 or Clinton Avenue.

205.412 – Reconstruction of Existing Shoulder

Clinton Avenue

220+45 – 231+68

LT & RT

Estimated to remove existing material to sufficient depth to place 18”+/- of ASCG to build new paved shoulders.

403.2081 – 12.5mm Hot Mix Asphalt Surface (Polymer Modified)

Route 32

10+00 – 49+46

Full Width

Clinton Avenue

200+00 – 231+68

Full Width

Contractor shall place 1½" compacted centerline depth in one lift.

This item will not be used on Route 100A.

CONSTRUCTION NOTES

403.211 – 9.5mm Hot Mix Asphalt Shim

Route 100A

Reference Typical Section 2.

Shim areas may be adjusted by the Department upon review of most current roadway conditions.

403.213 – 12.5mm Hot Mix Asphalt Base

Clinton Avenue

220+45 – 231+68

Full Width

Contractor shall place 1½” compacted centerline depth.

411.10 – Untreated Aggregate Surface Course

Route 100A

Shall be used to back up driveway lips, mailboxes, and other locations as determined by the Department.

This item will not be used on Route 32 or Clinton Avenue.

461.210 – 9.5 mm HMA Cyclical Pavement Resurfacing

Paved drives may need additional work including extending the wing on the paver and raking the edge joint as directed by the Department. This work will be considered incidental to Item 461.210.

604.16 – Alter Catch Basin to Manhole

Clinton Avenue

206+29 LT – Existing structure is a round slit top catch basin in the shoulder.

Route 32

48+84 RT – Existing structure is a square opening catch basin with 8” frame in the middle of the turn lane.

604.161 – Alter Catch Basin

Clinton Avenue

210+68 LT

CONSTRUCTION NOTES

606.47 – Single Wood Post

Estimated to be used to replace necessary mailbox posts on Clinton Avenue from 220+45 to 231+68 where new paved shoulders will be constructed. Exact locations and quantity to be determined in the field by the Resident.

627.733 4” White or Yellow Painted Pavement Marking Line

Center lines and edge lines shall be painted on all matched pavement within one week. Center line TOMs may be utilized until final striping and will be considered incidental to the contract.

Multilane sections and truck lanes must be striped daily on all matched pavement layers.

Prior to final marking line application on surface course, the Contractor shall confirm and receive approval for marking line layout from the Department.

627.75 – White or Yellow Pavement & Curb Marking

One application for paint will be required on the surface course. The contractor will replace all existing stencils.

Prior to final stencil application on the surface course, the contractor shall confirm and receive approval for marking line layout from the Department.

627.78 Temporary 4” Painted Pavement Marking Line, White or Yellow

Temporary center lines and edge lines shall be painted on all matched pavement within one week.

Multilane sections, truck lanes, and milled surfaces must be striped daily on all matched pavement layers.

Temporary lines will require one coat on the milled surface and one coat on the shim layer.

629 & 631 Hand Labor & Equipment Rental

Rental items to be used for removal of winter sand, backing up pavement, grading/insloping after building new paved shoulders on Route 100A and other areas as directed by the Department.

CONSTRUCTION NOTES

631.212 – Small Pavement Grinder

Estimated to remove pavement along the existing shoulder break 11' off centerline on shoulders on Route 100A (300+00 – 328+50 LT & RT). Contractor shall leave the millings in place and utilize them for grading new paved 4' shoulders as well as Item 204.21 as necessary. The maximum allowable size of reclaimed asphalt pavement (RAP) material generated from milling operations shall be 2 inches minus. Removal and disposal of any oversized material shall be incidental to the contract and no additional payment will be made. Shoulders shall be graded to receive 3" of new HMA as shown on Typical Section 2.

Paved drives that the Department identifies as requiring a pavement tie in shall be prepared with a reasonably straight and vertical butt joint edge. Locations and offsets for the butt joints will be determined by the Resident. Construction of butt joints in a manner that steepens or flattens the shoulder slope in front of a driveway will not be permitted.

For paved drives with pavement tie-in offsets that are 5' or less in width from the edge of Travelway (or the shoulders are being paved in a separate operation) and are not constructed within curbed sections, the Contractor shall widen out the paver to the prepared butt joint provided that the joint is no more than one foot from the edge of the shoulder.

For paved drives with pavement tie-in offsets that are greater than 5' in width from the edge of Travelway (and the shoulder is paved within the same operation), when butt joints are established further than one foot from the edge of shoulder, or when the driveway is bound by curb, the driveway paving will be a separate operation and paid under 403.209.

Steepening or flattening of the shoulder slope to match the driveway will not be permitted.

CONSTRUCTION NOTES

652.35 Construction Signs

Two **Road Work Next 1 Miles** signs are required for Route 100A.

The following side roads will require **Road Work Ahead** and **End Road Work** signs:

- Clinton Avenue

Two **Road Work Next 1 Miles** signs are required for Route 32.

The following side roads will require **Road Work Ahead** and **End Road Work** signs:

- Belanger Street
- Paine Street
- Clifford Avenue
- Robert Street
- Beck Street
- Norton Street
- Joe Avenue

Road Work Ahead and **End Road Work** signs will be required for Clinton Avenue.

The following side roads will require **Road Work Ahead** and **End Road Work** signs:

- Whipple Street
- Rancourt Avenue
- Charland Street
- Marcoux Street
- Smiley Avenue

Sideroad signs are estimated only for roads that can be accessed off the project (no signage on loop or dead-end roads). Other signage as directed by the Resident or in accordance with most recent MUTCD standards.

SPECIAL PROVISION
SECTION 204
SHOULDER REHABILITATION

The following additions are made to Section 204 Subsections 204.10 and 204.11 of the March 2020 revision of the Standard Specifications.

204.06 Method of Measurement:

The accepted quantity of Add Shoulder Aggregate to existing shoulder will be paid for at the contract unit price per cubic yard.

204.11 Basis of Payment:

<u>Pay Item</u>	<u>Pay Unit</u>
204.21 Add Shoulder Aggregate – Truck Measure	Cubic Yard

SPECIAL PROVISION
SECTION 205
SHOULDER RECONSTRUCTION

The following additions are made to Section 205 Subsections 205.06 and 205.11 of the November 2014 Edition of the Standard Specifications.

205.06 Method of Measurement:

The quantity of reconstruction of existing shoulders measured for payment will be the number of square yards measured in place.

205.11 Basis of Payment:

<u>Pay Item</u>	<u>Pay Unit</u>
205.412 Reconstruction of Existing Shoulder	Square Yard

SPECIAL PROVISION
SECTION 631
EQUIPMENT RENTAL
(Small Paving Grinder- by the Hour)

Amend Section 631 by adding the following to the noted subsections:

631.03 General

Butt Joints The equipment for removing the bituminous surface shall be a skid-steer mounted cold milling machine or a power operated planer capable of removing the existing pavement to the required depth, width, grade, and slope up to a maximum depth of 6 inches.

The milled surface shall have a uniform texture and provide acceptable rideability for vehicles. Should resurfacing be delayed, or the resulting milled surface is unsatisfactory for any reason, bituminous leveling course or temporary pavement may be required. The Contractor shall clean the milled surface and surrounding area of all loose material prior to use by traffic.

Narrowing of Existing Shoulder At a minimum the equipment for pulverizing the bituminous pavement layers shall be a skid-steer mounted cold milling machine or a power operated planer capable of pulverizing the existing pavement to the required depth, width, grade, and slope up to a maximum depth of 6 inches, or as directed by the Resident.

631.08 Basis of Payment

Butt Joints Time charge will commence when the Contractor begins trimming the first butt joint and will end when the trimming of the last specified butt joint is complete for the shift. The cleaning of all debris from the location once trimming is completed will be considered incidental to Item 631.212.

Narrowing of Existing Shoulder Time charge will commence when the Contractor begins the pulverization of the existing shoulder and will end when the pulverization is complete for the shift. The grading and compaction, or removal of the pulverized pavement shall be paid for under an appropriate hourly rental item, as directed by the Resident.

General Payment will not be included for the following conditions:

- When travel time between specified locations is greater than 15 minutes.
- When idle time is greater than 15 minutes.
- Swapping of equipment “heads”, milling head tip replacement, or general maintenance

The layout and any required preparation of the locations to be trimmed or pulverized will be considered incidental to Item 631.212.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
631.212 Small Pavement Grinder (Including Operator)	Hour