

TAS 25-12, D215024

MP 261.7 TO MP 268.0:

2" MILL AND INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS
WORK

DESIGN CALCULATIONS & QUANTITY WORK-UPS



**Thruway
Authority**



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2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/19/2025

ITEM 201.07 (ACRE)
CLEARING AND GRUBBING

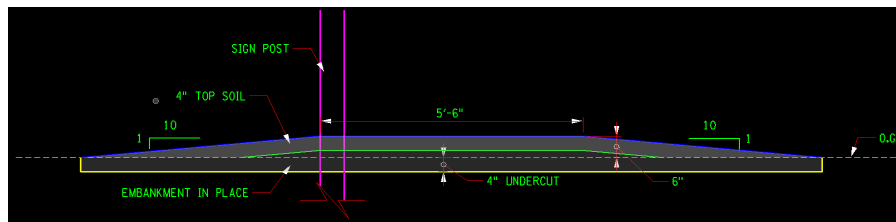
DESCRIPTION	TOTAL AREA	ACRES
EB MP 267.74 TO MP 267.81, FROM TREE LINE TO ROW FENCE, GNP-02	5,700	0.13
EB MP 267.699, REMOVE LEANING TREE (APPROX. D=3', H=25'), GNP-02	350	0.01
WB MP 263.275 TO MP 263.310, TRIM OVERHANGING TREE TO ROW, GNP-22	4,450	0.10
TOTAL		0.24

SAY: 0.25

ITEM 203.02 (CY)							
UNCLASSIFIED EXCAVATION AND DISPOSAL							
DESCRIPTION	MP	SIDE	COMMENTS	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	VOLUME (CY)
WB FULL DEPTH	SEE FDR SAMPLE CALC						1,994.2
EB FULL DEPTH	SEE FDR SAMPLE CALC						1,193.9
U-TURN LAYOUT STD. SHT. TA 606-06, DWG. MSD-10							
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	262.6 - 262.75	WB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	263.91 - 263.87	EB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	263.91 - 264.35	WB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	266.05 - 265.9	EB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	266.05 - 266.21	WB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	266.71 - 266.66	EB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	266.71 - 266.845	WB/MED	SEE U-TURN SAMPLE CALCS	9,754		2.33	842.9
RE-GRADING SIGNS, STD. SHT. TA 203-02							
SIGN: CHITTENANGO SERVICE AREA/1.5 MILES, GNP-16	264.691	WB/RT	GRADE AROUND SIGN POSTS	25	25	0.33	7.7
SIGN: NEXT SERVICE AREA/27 MILES, GNP-18	264.260	WB/RT	GRADE AROUND SIGN POSTS	25	25	0.33	7.7
SIGN: CHITTENANGO SERVICE AREA/2 MILES, GNP-18	264.135	WB/RT	GRADE AROUND SIGN POSTS	25	25	0.33	7.7
SIGN: EXIT 34 CANASTOTA/ONEIDA/1 MILE, GNP-24	262.945	EB/RT	GRADE AROUND SIGN POSTS	25	25	0.33	7.7
SIGN: ATTRACTIONS EXIT 34/SUNY MORRISVILLE, GNP-26	262.635	EB/RT	GRADE AROUND SIGN POSTS	25	25	0.33	7.7
SIGN: SERVICE AREA, GNP-09	266.258	WB/RT	GRADE AROUND SIGN POSTS	25	25	0.33	7.7
TOTAL:							9,134.9
5% CONTINGENCY							456.7
SAY:							9,592

[EB FDR ITEMS](#)
[WB FDR ITEMS](#)

SIGN REGRADING TYPICAL CROSS-SECTION





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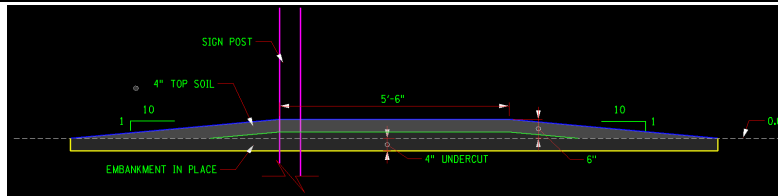
2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

**ITEM 203.03 (CY)
EMBANKMENT IN PLACE**

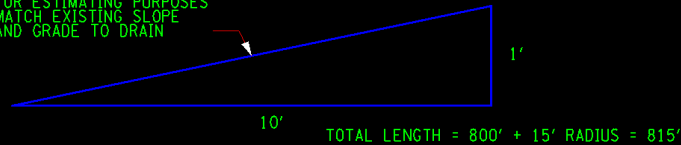
DESCRIPTION	MP	SIDE	COMMENT	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	VOLUME (CY)
SIGN: CHITTENANGO SERVICE AREA/1.5 MILES	264.691	WB/RT	GRADE AROUND SIGN POST	25	25	4	7.7
SIGN: NEXT SERVICE AREA/27 MILES	264.260	WB/RT	GRADE AROUND SIGN POST	25	25	4	7.7
SIGN: CHITTENANGO SERVICE AREA/2 MILES	264.135	WB/RT	GRADE AROUND SIGN POST	25	25	4	7.7
SIGN: EXIT 34 CANASTOTA/ONEIDA/1 MILE	262.945	EB/RT	GRADE AROUND SIGN POST	25	25	4	7.7
SIGN: ATTRACTIONS EXIT 34/SUNY MORRISVILLE	262.635	EB/RT	GRADE AROUND SIGN POST	25	25	4	7.7
SIGN: SERVICE AREA	266.258	WB/RT	GRADE AROUND SIGN POST	25	25	4	7.7
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26			SEE U-TURN DESIGN CALCS				150.9
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20			SEE U-TURN DESIGN CALCS				150.9
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20			SEE U-TURN DESIGN CALCS				150.9
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11			SEE U-TURN DESIGN CALCS				150.9
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10			SEE U-TURN DESIGN CALCS				150.9
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7			SEE U-TURN DESIGN CALCS				150.9
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7			SEE U-TURN DESIGN CALCS				150.9
C26599009XX, 24" PIPE EXTENSION REPLACEMENT				6	20.8		4.6
TOTAL:							1107.4
2% CONTINGENCY							22.1
SAY:							1,130

SIGN REGRADING TYPICAL CROSS-SECTION



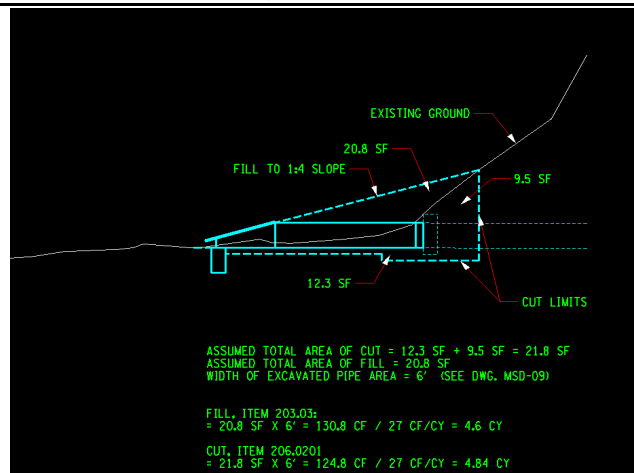
U-TURN ACCEL. LANE DESIGN CALCS

EXISTING SLOPE VARIES
••ASSUME 1:10 SLOPE
FOR ESTIMATING PURPOSES
MATCH EXISTING SLOPE
AND GRADE TO DRAIN



ITEM 203.03:
AREA = (0.5 X 10' X 1') = 5 SF
VOLUME = (5 SF X 815' TOTAL LENGTH)/27 CF/CY = 150.93 CY
ITEM 610.1402: (815' LENGTH X 10' WIDE X 4"/12" DEPTH)/27 CF/CY = 100.62 CY
ITEM 610.1601: (815' LENGTH X 10' WIDE)/9 SF/SY = 905.56 SY

C26599009XX, 24" PIPE EXTENSION REPLACEMENT



ASSUMED TOTAL AREA OF CUT = 12.3 SF + 9.5 SF = 21.8 SF
ASSUMED TOTAL AREA OF FILL = 20.8 SF
WIDTH OF EXCAVATED PIPE AREA = 6' (SEE DWG. MSD-09)

FILL, ITEM 203.03:
= 20.8 SF X 6' = 130.8 CF / 27 CF/CY = 4.6 CY
CUT, ITEM 206.0201
= 21.8 SF X 6' = 144.8 CF / 27 CF/CY = 4.84 CY



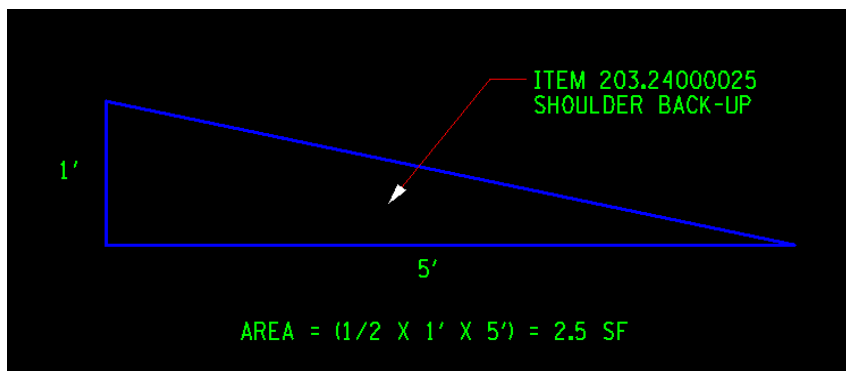
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IMPROVEMENTS
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ITEM 203.24000025 (TON) SHOULDER BACK-UP MATERIAL								
LOCATION	FROM MP	TO MP	SIDE	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	VOLUME (CF)	VOLUME (TON)
WB RIGHT	261.660	268.00	RT	33,475.20	2.25	4	25,106.4	1,883.0
WB LEFT	261.660	268.00	LT	33,475.20	2.25	4	25,106.4	1,883.0
EB RIGHT	261.660	268.00	RT	33,475.20	2.25	4	25,106.4	1,883.0
EB LEFT	261.660	268.00	LT	33,475.20	2.25	4	25,106.4	1,883.0
PIER PROTECTION BACK-UP, SEE SAMPLE CALC FOR AREA								
LAKEPORT ROAD - WB PIER PROTECTION	267.89		RT	110.00	2.5		275.0	20.6
LAKEPORT ROAD - EB PIER PROTECTION	267.89		RT	110.00	2.5		275.0	20.6
INDIAN OPENING ROAD - WB PIER PROTECTION	263.03		LT	160.00	2.5		400.0	30.0
INDIAN OPENING ROAD - EB PIER PROTECTION	263.03		RT	160.00	2.5		400.0	30.0
GR RUN 21, GNP-10, WB	266.912		RT	50.00	3.25	4	54.2	4.1
GR RUN 18, GNP-10, EB	266.060		RT	50.00	3.25	4	54.2	4.1
GR RUN 22, GNP-11, WB	265.780		RT	50.00	3.25	4	54.2	4.1
GR RUN 29, GNP-26, WB	262.600		LT	50.00	4	6	100.0	7.5
U-TURN MP 262.6, BOTH SIDES	262.600		RT/LT	50.00	10	4	166.7	12.5
U-TURN MP 263.88, BOTH SIDES	263.880		RT/LT	50.00	10	4	166.7	12.5
U-TURN MP 266.05, BOTH SIDES	266.050		RT/LT	50.00	10	4	166.7	12.5
U-TURN MP 266.71, BOTH SIDES	266.710		RT/LT	50.00	10	4	166.7	12.5
LAKEPORT ROAD OVERLAP				110.00	2.25	4	82.5	-6.2
INDIAN OPENING ROAD OVERLAP				160.00	2.25	4	120.0	-9.0
GR RUN 21 OVERLAP				50.00	2.25	4	37.5	-2.8
GR RUN 18 OVERLAP				50.00	2.25	4	37.5	-2.8
GR RUN 22 OVERLAP				50.00	2.25	4	37.5	-2.8
GR RUN 29 OVERLAP				50.00	2.25	6	56.3	-4.2
TOTAL:							7,675	
2% CONTINGENCY							153.5	
SAY:							7,829	

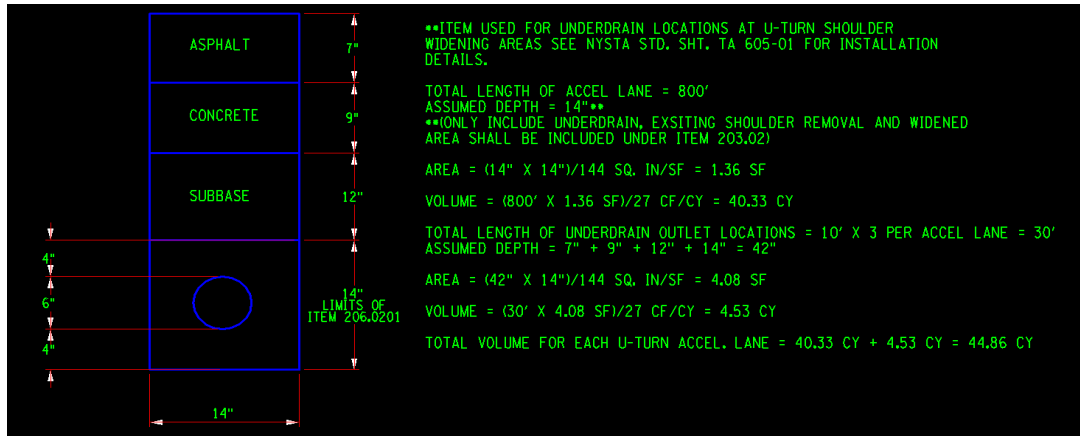
TONS = VOLUME (CF) * (150 LBS/CF) / (2000 LBS/TON)

SAMPLE CALC FOR PIER PROTECTION BACK-UP

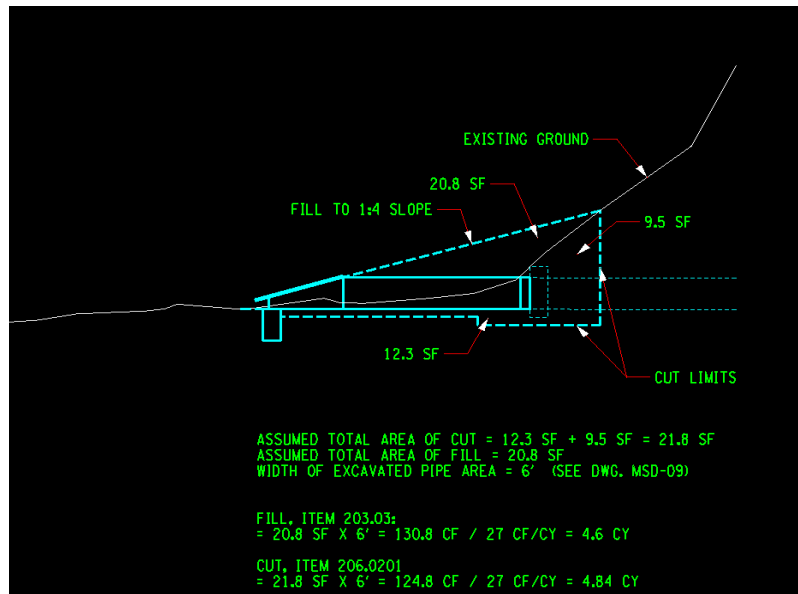


ITEM 206.0201 (CY)				
TRENCH AND CULVERT EXCAVATION				
LOCATION	LENGTH	WIDTH	DEPTH	QTY. (CY)
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26		SEE SAMPLE CALC		44.86
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20		SEE SAMPLE CALC		44.86
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20		SEE SAMPLE CALC		44.86
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11		SEE SAMPLE CALC		44.86
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10		SEE SAMPLE CALC		44.86
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7		SEE SAMPLE CALC		44.86
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7		SEE SAMPLE CALC		44.86
C26599009XX, 24" PIPE EXTENSION REPLACEMENT	6		21.8	4.84
TOTAL:				319
2% CONTINGENCY				6
SAY:				325

SAMPLE CALC - PROPOSED U-TURN SHOULDER WIDENING



C26599009XX, 24" PIPE EXTENSION REPLACEMENT





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ITEM 206.05 (EA) TEST PIT EXCAVATION	
DESCRIPTION	QTY. (EA)
AS NEEDED TO LOCATE FIBER OPTIC	7
TOTAL:	7
SAY:	7



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MP 261.7 TO 268.0
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DATE: 08/15/2025
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ITEM 209.110201 (EA) CHECK DAM (DITCH BOTTOM WIDTH 0.0 TO 3') GRAVEL BAG -TEMPORARY		
LOCATION	COMMENT	QTY. (LF)
C26599009XX, 24" PIPE EXTENSION REPLACEMENT	DWG. MSD-09	1
TOTAL:		1
SAY:		1

[REFER TO NYSDOT STANDARD SHEET 209-02](#)



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
 MP 261.7 TO 268.0
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 MADISON COUNTY
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ITEM 209.13 (LF)		
SILT FENCE-TEMPORARY		
LOCATION	COMMENT	QTY. (LF)
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	**USED TO PROVIDE CONTAINMENT WHEN INSTALLING U-TURN ACCEL LANES. (TOTAL LENGTH WITH 15' RAD. PLUS 25' ADDITIONAL IN EITHER DIRECTION) 800' + 15' + (25*2)	865
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20		865
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20		865
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11		865
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10		865
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7		865
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7		865
C26599009XX, 24" PIPE EXTENSION REPLACEMENT	TOTAL LENGTH = 10' PIPE + 5' GRATE + 10' DOWNSTREAM + 10' UPSTREAM + 6' ACROSS DITCH	41
TOTAL:		6,096
SAY:		6,096



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ITEM 209.1701 (LF)

DRAINAGE STRUCTURE INLET PROTECTION, SILT FENCE - TEMPORARY

LOCATION	COMMENT	QTY. (LF)
U-TURN MP 263.91 MEDIAN WEST OF UTURN, GNP 19	**USED TO PROVIDE CONTAINMENT AROUND EXISTING DRAINAGE STRUCTURES WHEN INSTALLING U-TURN ACCEL LANES.	78
U-TURN MP 266.71 MEDIAN WEST OF UTURN, GNP 7		78
TOTAL:		156

SAY:	156
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
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DATE: 08/15/2025
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ITEM 304.12 (CY)						
SUBBASE COURSE (TYPE 2)						
DESCRIPTION	MP	SIDE	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	VOLUME (CY)
WB FULL DEPTH	SEE FDR SAMPLE CALC					247
EB FULL DEPTH	SEE FDR SAMPLE CALC					153
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	SEE U-TURN SAMPLE CALCS	WB/MED	9,754		12	361.26
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	SEE U-TURN SAMPLE CALCS	EB/MED	9,754		12	361.26
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	SEE U-TURN SAMPLE CALCS	WB/MED	9,754		12	361.26
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	SEE U-TURN SAMPLE CALCS	EB/MED	9,754		12	361.26
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	SEE U-TURN SAMPLE CALCS	WB/MED	9,754		12	361.26
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	SEE U-TURN SAMPLE CALCS	EB/MED	9,754		12	361.26
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	SEE U-TURN SAMPLE CALCS	WB/MED	9,754		12	361.26
ROADWAY:						2,929
2% CONTINGENCY						59
SAY:						2,988



2" MILL AND INLAY, SAFETY WORK AND
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ITEM 404.0001

**PLANT PRODUCTION QUALITY ADJUSTMENT TO ASPHALT
ITEMS**

HMA ITEMS	QUANTITY (TONS)	(QAF)	QUALITY UNITS (QU)
TOP COURSE, 50 SERIES	33,929	0.05	1696
TOP COURSE, 70 SERIES	2,426	0.05	121
BINDER COURSE, 70 SERIES	7,984	0.05	399
BASE COURSE, 70 SERIES	7,222	0.05	361
TOTAL (QU):			2579.00



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AND MISCELLANEOUS

MP 261.7 TO 268.0

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ALR

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ITEM 404.0002			
PAVEMENT DENSITY QUALITY ADJUSTMENT TO ASPHALT ITEMS			
HMA ITEMS	QUANTITY (TONS)	(QAF)	QUALITY UNITS (QU)
TOP COURSE, 50 SERIES	33,929	0.05	1,696
TOTAL (QU):			1,696

SEE THE FOLLOWING: EI 10-009, EI 16-010, EB 16-027



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ITEM 404.0003

**LONGITUDINAL JOINT DENSITY QUALITY ADJUSTMENT TO ASPHALT
ITEMS**

DIRECTION	# LANES	FACTOR	LENGTH (MILES)	QU
WESTBOUND	2	40	6.34	253.6
EASTBOUND	2	40	6.34	253.6
TOTAL (QU):			TOTAL (QU):	507

QU = (# LANES - 1) x FACTOR x LENGTH (IN MILES)
SEE THE FOLLOWING: EI 10-009, EI 16-010, EB 16-027



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

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ITEMS 404.1252 (TON)								
12.5 F2 TOP COURSE ASPHALT, 50 SERIES COMPACTION								
DESCRIPTION	FROM MP	TO MP	SIDE	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	VOLUME (CY)	TONS
WB MAINLINE PASSING LANE	268.000	261.660		33,475	12	2	2,479.6	5,021.6
WB MAINLINE DRIVING LANE	268.000	261.660		33,475	12	2	2,479.6	5,021.6
WB MAINLINE MED. SHOULDER	268.000	261.660		33,475	4	2	826.5	1,673.9
WB MAINLINE RT. SHOULDER	268.000	261.660		33,475	10	2	2,066.4	4,184.6
WB 6" OVERLAP AT LONG. JOINT - FIRST PASS	268.000	261.660		33,475	0.5	2	103.3	209.2
WB 6" OVERLAP AT LONG. JOINT - SECOND PASS	268.000	261.660		33,475	0.5	2	103.3	209.2
EB MAINLINE EXIT 34 DECEL LANE	261.840	261.660	RT	950	12	2	70.4	142.6
EB MAINLINE EXIT 34 DECEL LANE, TAPERED SECTION	CAD-MEASURED AREA		RT	1,602		2	9.9	20.0
EB MAINLINE PASSING LANE	268.000	261.660		33,475	12	2	2,479.6	5,021.6
EB MAINLINE DRIVING LANE	268.000	261.660		33,475	12	2	2,479.6	5,021.6
EB MAINLINE MED. SHOULDER	268.000	261.660		33,475	4	2	826.5	1,673.9
EB MAINLINE RT. SHOULDER	268.000	261.660		33,475	10	2	2,066.4	4,184.6
EB 6" OVERLAP AT LONG. JOINT - FIRST PASS	268.000	261.660		33,475	0.5	2	103.3	209.2
EB 6" OVERLAP AT LONG. JOINT - SECOND PASS	268.000	261.660		33,475	0.5	2	103.3	209.2
WB SERVICE AREA ACCEL	CAD-MEASURED AREA			17,100		2	105.6	213.8
WB SERVICE AREA DECEL	CAD-MEASURED AREA			19,775		2	122.1	247.2
TOTAL:							33,263.7	
2% CONTINGENCY							665.3	
SAY:							33,929	

CY / 0.4938 = TONS



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ITEMS 404.1272 (TON)								
12.5 F2 TOP COURSE ASPHALT, 70 SERIES COMPACTION								
DESCRIPTION	FROM MP	TO MP	SIDE	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	CY	TONS
CHITTENANGO SERVICE PLAZA FUEL AREA	CAD-MEASURED AREA		WB/RT	60,800		2	375.3	760.0
ASPHALT WEDGE, WB	267.080		RT	7.5	1.67	9	0.3	0.7
ASPHALT WEDGE, EB	267.093		RT	10.0	1.67	12	0.6	1.3
U-TURN MP 262.6	CAD-MEASURED AREA			26,265		2	162.1	328.3
U-TURN MP 263.88	CAD-MEASURED AREA			11,425		2	70.5	142.8
U-TURN MP 266.05	CAD-MEASURED AREA			10,280		2	63.5	128.5
U-TURN MP 266.71	CAD-MEASURED AREA			13,095		2	80.8	163.7
U-TURN LAYOUT STD. SHT. TA 606-06, DWG. MSD-10								
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	SEE U-TURN SAMPLE CALCS		WB/MED	9,754		2	60.2	121.9
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	SEE U-TURN SAMPLE CALCS		EB/MED	9,754		2	60.2	121.9
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	SEE U-TURN SAMPLE CALCS		WB/MED	9,754		2	60.2	121.9
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	SEE U-TURN SAMPLE CALCS		EB/MED	9,754		2	60.2	121.9
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	SEE U-TURN SAMPLE CALCS		WB/MED	9,754		2	60.2	121.9
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	SEE U-TURN SAMPLE CALCS		EB/MED	9,754		2	60.2	121.9
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	SEE U-TURN SAMPLE CALCS		WB/MED	9,754		2	60.2	121.9
TOTAL:								2,378.9
2% CONTINGENCY								47.6
SAY:								2,426

CY / 0.4938 = TONS



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEMS 404.1979 (TON)					
19 F9 BINDER COURSE ASPHALT, 70 SERIES COMPACTION					
DESCRIPTION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	CY	TONS
WB FULL DEPTH REPAIR	SEE FDR SAMPLE CALC				1,666.6
EB FULL DEPTH REPAIR	SEE FDR SAMPLE CALC				943.1
WB PARTIAL DEPTH REPAIR	SEE PDR SAMPLE CALC				381.1
EB PARTIAL DEPTH REPAIR	SEE PDR SAMPLE CALC				319.4
U-TURN LAYOUT STD. SHT. TA 606-06, DWG. MSD-10					
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	9,754		5.00	150.5	304.8
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	9,754		5.00	150.5	304.8
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	9,754		5.00	150.5	304.8
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	9,754		5.00	150.5	304.8
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	9,754		5.00	150.5	304.8
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	9,754		5.00	150.5	304.8
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	9,754		5.00	150.5	304.8
VERTICAL CLEARANCE, STD. SHT. TA 404-01 AND TA 404-03					
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - EASTBOUND	315	39	4.00	151.7	307.1
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - WESTBOUND	505	39	4.00	243.1	492.4
BIN 5512770, MP 265.99 GEE ROAD - EASTBOUND	325	39	4.00	156.5	316.9
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND	295	39	4.00	142.0	287.6
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND - U-TURN DECEL TAPER	960		4.00	11.9	24.0
BIN 5512750, MP 267.89 LAKEPORT ROAD - EASTBOUND	375	39	4.00	180.6	365.6
BIN 5512750, MP 267.89 LAKEPORT ROAD - WESTBOUND	375	39	4.00	180.6	365.6
TOTAL:					7,603.3
5% CONTINGENCY					380
SAY:					7,984

CY / 0.4938 = TONS



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEMS 404.3779 (TON)					
37.5 F9 BASE COURSE ASPHALT, 70 SERIES COMPACTION					
DESCRIPTION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	CY	TONS
WB FULL DEPTH REPAIR		SEE FDR SAMPLE CALC			1,872.6
EB FULL DEPTH REPAIR		SEE FDR SAMPLE CALC			1,164.3
U-TURN LAYOUT STD. SHT. TA 606-06, DWG. MSD-10					
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	9,754		9.00	270.94	548.7
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	9,754		9.00	270.94	548.7
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	9,754		9.00	270.94	548.7
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	9,754		9.00	270.94	548.7
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	9,754		9.00	270.94	548.7
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	9,754		9.00	270.94	548.7
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	9,754		9.00	270.94	548.7
TOTAL:					6,877.7
5% CONTINGENCY					344
SAY:					7,222

CY / 0.4938 = TONS



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 407.01040009 (GAL) NON-TRACKING TACK COAT								
DESCRIPTION	FROM MP	TO MP	LENGTH (FT)	WIDTH (FT)	AREA (SY)	# OF LAYERS	RATE	GALS
WB MAINLINE PASSING LANE	268.000	261.660	33,475	12.00	44,633.60	1.00	0.06	2,678.02
WB MAINLINE DRIVING LANE	268.000	261.660	33,475	12.00	44,633.60	1.00	0.06	2,678.02
WB MAINLINE MED. SHOULDER	268.000	261.660	33,475	4.00	14,877.87	1.00	0.06	892.67
WB MAINLINE RT. SHOULDER	268.000	261.660	33,475	10.00	37,194.67	1.00	0.06	2,231.68
EB MAINLINE EXIT 34 DECEL LANE	261.840	261.660	950	12	1,267.20	1.00	0.06	57.02
EB MAINLINE EXIT 34 DECEL LANE, TAPERED SECTION	CAD-MEASURED AREA		1,602		178.00	1.00	0.06	96.12
EB MAINLINE PASSING LANE	268.000	261.660	33,475	12.00	44,633.60	1.00	0.06	2,678.02
EB MAINLINE DRIVING LANE	268.000	261.660	33,475	12.00	44,633.60	1.00	0.06	2,678.02
EB MAINLINE MED. SHOULDER	268.000	261.660	33,475	4.00	14,877.87	1.00	0.06	892.67
EB MAINLINE RT. SHOULDER	268.000	261.660	33,475	10.00	37,194.67	1.00	0.06	2,231.68
CHITTENANGO SERVICE AREA - FUEL	CADD MEASURED		60,800		6,755.56	1.00	0.06	405.33
WB SERVICE AREA ACCEL	CAD-MEASURED AREA		17,100		1,900.00	1.00	0.06	114.00
WB SERVICE AREA DECEL	CAD-MEASURED AREA		19,775		2,197.22	1.00	0.06	131.83
U-TURN MP 262.6	CAD-MEASURED AREA		26,265		2,918.33	1.00	0.06	175.10
U-TURN MP 263.88	CAD-MEASURED AREA		11,425		1,269.44	1.00	0.06	76.17
U-TURN MP 266.05	CAD-MEASURED AREA		10,280		1,142.22	1.00	0.06	68.53
U-TURN MP 266.71	CAD-MEASURED AREA		13,095		1,455.00	1.00	0.06	87.30
VERTICAL CLEARANCE, STD. SHT. TA 404-01 AND TA 404-03								
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - EASTBOUND	PARTIAL DEPTH, TACK COAT ON LONGITUDINAL TRANSITIONS		150	39	650.00	1.00	0.06	39.00
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - WESTBOUND			505	39	2,188.33	1.00	0.06	131.30
BIN 5512770, MP 265.99 GEE ROAD - EASTBOUND			325	39	1,408.33	1.00	0.06	84.50
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND			295	39	1,278.33	1.00	0.06	76.70
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND - U-TURN DECEL TAPER	CAD-MEASURED AREA		960		106.67	1.00	0.06	6.40
BIN 5512750, MP 267.89 LAKEPORT ROAD - EASTBOUND			375	39	1,625.00	1.00	0.06	97.50
BIN 5512750, MP 267.89 LAKEPORT ROAD - WESTBOUND			375	39	1,625.00	1.00	0.06	97.50
U-TURN ACCEL LANE LAYOUT STD. SHT. TA 606-06, DWG. MSD-10								
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 262.6 WB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 263.91 EB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 263.91 WB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 266.05 EB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 266.05 WB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 266.71 EB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	SEE U-TURN SAMPLE CALCS		9,754		1,083.78	4.00	0.05	216.76
U-TURN MP 266.71 WB VERTICAL FACE	SEE U-TURN SAMPLE CALCS				1,086.67	1.00	0.07	76.07
WB FULL DEPTH REPLACEMENT - FLAT AREA	SEE FDR SAMPLE CALC				3,698.67	3.00	0.04	443.84
WB FULL DEPTH REPLACEMENT - VERTICAL FACE	SEE FDR SAMPLE CALC				832.30	1.00	0.07	58.26
EB FULL DEPTH REPLACEMENT - FLAT AREA	SEE FDR SAMPLE CALC				2,299.78	3.00	0.04	275.97
EB FULL DEPTH REPLACEMENT - VERTICAL FACE	SEE FDR SAMPLE CALC				600.00	1.00	0.07	42.00
WB PARTIAL DEPTH REPLACEMENT - FLAT AREA (ASPHALT)	SEE PDR SAMPLE CALC				967.78	1.00	0.04	38.71
WB PARTIAL DEPTH REPLACEMENT - FLAT AREA (CONCRETE)	SEE PDR SAMPLE CALC				967.78	1.00	0.06	58.07
WB PARTIAL DEPTH REPLACEMENT - VERTICAL FACE	SEE PDR SAMPLE CALC				124.83	1.00	0.07	8.74
EB PARTIAL DEPTH REPLACEMENT - FLAT AREA (ASPHALT)	SEE PDR SAMPLE CALC				811.11	1.00	0.04	32.44
EB PARTIAL DEPTH REPLACEMENT - FLAT AREA (CONCRETE)	SEE PDR SAMPLE CALC				811.11	1.00	0.06	48.67
EB PARTIAL DEPTH REPLACEMENT - VERTICAL FACE	SEE PDR SAMPLE CALC				93.20	1.00	0.07	6.52
TOTAL:								21,768.06
2% CONTINGENCY (including vertical faces)								435.36
SAY:								22,204



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK
AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEM 418.7603 (LF)				
ASPHALT PAVEMENT JOINT ADHESIVE				
DESCRIPTION	FROM MP	TO MP	NUMBER OF LANES	LENGTH (FT)
WB MAINLINE CENTER LINE	261.660	268.000		33,475
WB MAINLINE MED. SHOULDER	261.660	268.000		33,475
WB MAINLINE RT. SHOULDER	261.660	268.000		33,475
EB MAINLINE EXIT 34 DECEL LANE	261.660	261.840		950
EB MAINLINE EXIT 34 DECEL LANE, TAPERED SECTION	CAD-MEASURED			250
EB MAINLINE CENTER LINE	261.660	268.000		33,475
EB MAINLINE MED. SHOULDER	261.660	268.000		33,475
EB MAINLINE RT. SHOULDER	261.660	268.000		33,475
WB SERVICE AREA ACCEL	CAD-MEASURED			1,110
WB SERVICE AREA DECEL	CAD-MEASURED			995
CHITTENANGO SERVICE AREA - FUEL TO PARKING	CADD MEASURED			285
TOTAL:				204,442
2% CONTINGENCY				4,089
SAY:				208,531



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEM 490.15 (SY)						
PRODUCTION COLD MILL SURFACE PLANING OF BITUMINOUS CONCRETE						
DESCRIPTION	FROM MP	TO MP	SIDE	LENGTH (FT)	WIDTH (FT)	AREA (SY)
WB MAINLINE PASSING LANE	268.000	261.660		33,475	12.00	44,634
WB MAINLINE DRIVING LANE	268.000	261.660		33,475	12.00	44,634
WB MAINLINE MED. SHOULDER	268.000	261.660		33,475	4.00	14,878
WB MAINLINE RT. SHOULDER	268.000	261.660		33,475	10.00	37,195
WB 6" OVERLAP AT LONG. JOINT - FIRST PASS	268.000	261.660		33,475	0.50	1,860
WB 6" OVERLAP AT LONG. JOINT - SECOND PASS	268.000	261.660		33,475	0.50	1,860
EB MAINLINE EXIT 34 DECEL LANE	261.840	261.660	RT	950	12.00	1,267
EB MAINLINE EXIT 34 DECEL LANE, TAPERED SECTION	CAD-MEASURED AREA		RT	1,602		178
EB MAINLINE PASSING LANE	268.000	261.660		33,475	12.00	44,634
EB MAINLINE DRIVING LANE	268.000	261.660		33,475	12.00	44,634
EB MAINLINE MED. SHOULDER	268.000	261.660		33,475	4.00	14,878
EB MAINLINE RT. SHOULDER	268.000	261.660		33,475	10.00	37,195
EB 6" OVERLAP AT LONG. JOINT - FIRST PASS	268.000	261.660		33,475	0.50	1,860
EB 6" OVERLAP AT LONG. JOINT - SECOND PASS	268.000	261.660		33,475	0.50	1,860
WB SERVICE AREA ACCEL LANE	CADD MEASURED			17100		1,900
WB SERVICE AREA DECEL LANE	CADD MEASURED			19775		2,197
TOTAL						295,661
2% CONTINGENCY						5,913
SAY						301,575



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 490.30 (SY)				
MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE				
FROM STATION	LENGTH (FT)	WIDTH (FT)	AREA (SF)	AREA (SY)
FULL U-TURN MP 262.6	CAD-MEASURED AREA		26265	2,918
FULL U-TURN MP 263.88	CAD-MEASURED AREA		11425	1,269
FULL U-TURN MP 266.05	CAD-MEASURED AREA		10280	1,142
FULL U-TURN MP 266.71	CAD-MEASURED AREA		13095	1,455
VERTICAL CLEARANCE, STD. SHT. TA 404-01 AND TA 404-03				
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - EASTBOUND	315	39	12285	1,365
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - WESTBOUND	505	39	19695	2,188
BIN 5512770, MP 265.99 GEE ROAD - EASTBOUND	325	39	12675	1,408
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND	295	39	11505	1,278
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND - U-TURN DECEL TAPER	CAD-MEASURED AREA		960	107
BIN 5512750, MP 267.89 LAKEPORT ROAD - EASTBOUND	375	39	14625	1,625
BIN 5512750, MP 267.89 LAKEPORT ROAD - WESTBOUND	375	39	14625	1,625
CHITTENANGO SERVICE AREA	CADD MEASURED		60800	6,756
WB PARTIAL DEPTH REPLACEMENT	WB PDR ITEM CALCS		968	108
EB PARTIAL DEPTH REPLACEMENT	EB PDR ITEM CALCS		811	90
TOTAL:				23,335
2% CONTINGENCY				467
SAY:				23,802



**Thruway
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/19/2025

ITEMS 552.17 (SF) SHIELDS AND SHORING			
DESCRIPTION	LENGTH (FT)	WIDTH (FT)	AREA (SF)
C26599009XX, 24" PIPE EXTENSION REPLACEMENT (MSD-09)	15	6	90.0
TOTAL:			90.0
SAY:			90

CY / 0.4938 = TONS



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
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MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/19/2025

ITEMS 555.0021 (CY)					
CONCRETE FOR STRUCTURES, PERFORMANCE					
DESCRIPTION	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	NO. OF SIDES	CY
CONCRETE CULVERT CUT-OFF WALL, 30" DIA. END SECTION C26599009XX (MSD-09)	10.0	1	24.0		0.80
TOTAL:					0.80
SAY:					1

CY / 0.4938 = TONS

REFER TO NYSDOT STANDARD SHEET 603-04



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEMS 555.9902 (QU) PERFORMANCE CONCRETE QUALITY ADJUSTMENT - CONCRETE FOR STRUCTURES	
QUALITY UNITS	1.00
TOTAL:	1.00
SAY:	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEMS 603.0101 (SF)			
CULVERT-END SAFETY GRATE			
DESCRIPTION	LENGTH (FT)	WIDTH (FT)	AREA (SF)
C26599009XX, END SECTION SAFETY GRATE (MSD-09)	8	5	40.0
TOTAL:			40.0

SAY:	40
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REFER TO NYSDOT STANDARD SHEET 603-05



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 603.171614 (EA)		
GALVANIZED STEEL END SECTIONS-PIPE (2-2/3" X 1/2" CORRUGATIONS) 30 INCH DIAMETER, 14 GAUGE		
DWG. NUMBER	COMMENTS	QTY. (EA)
MSD-09	C26599009XX, 24" SICPP, 30" END SECTION	1
TOTAL:		1
SAY:		1



**Thruway
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 603.77220015 (EA)		
CONCRETE COLLARS FOR PIPE EXTENSIONS (INSIDE DIAMETER OR SPAN 20 IN. THROUGH 29 IN.)		
DWG. NUMBER	COMMENTS	QTY. (EA)
MSD-09	C26599009XX, 24" RCP ATTACHED TO 24" SICPP	1
TOTAL:		1
SAY:		1



**Thruway
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
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DATE: 08/15/2025
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COMP DATE: 08/18/2025

ITEM 603.9824 (LF)		
SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 24 INCH DIAMETER		
LOCATION	COMMENT	QTY. (LF)
C26599009XX, REPLACING 24" CMP WITH 24" SICPP	DWG. MSD-09	10
TOTAL:		10
SAY:		10



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
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MADISON COUNTY
TAS 25-12

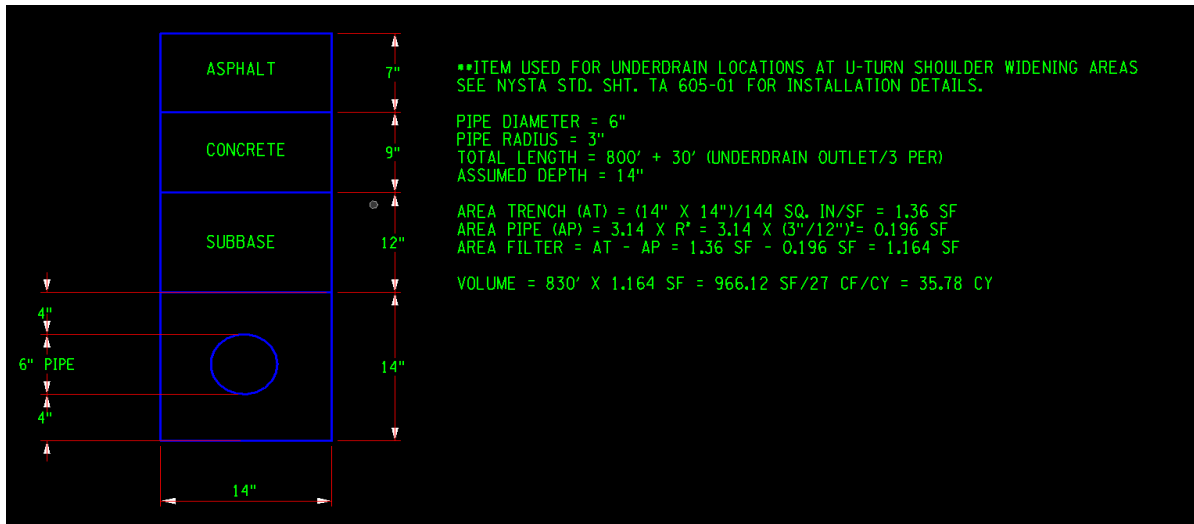
DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

**ITEM 605.0901 (CY)
UNDERDRAIN FILTER, TYPE 1**

LOCATION	COMMENT	QTY. (CY)
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	SEE SAMPLE CALC	35.78
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20	SEE SAMPLE CALC	35.78
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20	SEE SAMPLE CALC	35.78
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11	SEE SAMPLE CALC	35.78
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10	SEE SAMPLE CALC	35.78
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7	SEE SAMPLE CALC	35.78
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7	SEE SAMPLE CALC	35.78
TOTAL:		250
5% CONTINGENCY		13
SAY:		265

REFER TO NYSTA STANDARD SHEET TA 605-01

SAMPLE CALC - PROPOSED U-TURN SHOULDER WIDENING





**Thruway
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEM 605.1702 (LF)		
OPTIONAL UNDERDRAIN PIPE, 6 INCH DIAMETER		
LOCATION	COMMENT	QTY. (LF)
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	ITEM USED FOR UNDERDRAIN LOCATIONS ALONG U-TURN WIDENED SHOULDER/ACCEL LANE. REFER TO NYSTA STD. SHT. TA 605-01.	830
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20		830
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20		830
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11		830
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10		830
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7		830
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7		830
TOTAL:		5,810
SAY:		5,810



Thruway
Authority

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEM 605.21015025 (EA)		
PRE-CAST CONCRETE HEADWALL FOR 6-INCH LATERAL OUTLET PIPES		
LOCATION	COMMENTS	QTY. (EA)
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26	ITEM USED FOR UNDERDRAIN LOCATIONS ALONG U-TURN WIDENED SHOULDER/ACCEL LANE. REFER TO NYSTA STD. SHT. TA 605-01. **ASSUME 3 AT EACH U-TURN SHOULDER WIDENING	3
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20		3
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20		3
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11		3
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10		3
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7		3
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7		3
TOTAL:		21
SAY:		21



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.120102 (EA)		
BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I		
RUN #	COMMENTS	QTY. (EA)
13	WB MEDIAN, 72 FT W/ R=205.25 FT., GNP-07	1
16	EB MEDIAN, 72 FT W/ R=205.25 FT., GNP-07	1
TOTAL:		2
SAY:		2



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.1203 (EA)		
BOX BEAM END ASSEMBLY, TYPE III		
RUN #	COMMENTS	QTY. (EA)
34	WB RIGHT, GNP-29	1
35	EB RIGHT, GNP-29	1
TOTAL:		2
SAY:		2



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY:

COMP DATE:

ITEM 606.17 (LF)

CORRUGATED BEAM MEDIAN BARRIER

RUN #	COMMENTS	QTY. (LF)
25	EB TAPER TO INDIAN OPENING ROAD PIER PROTECTION, GNP-23	450
27	WB TAPER TO INDIAN OPENING ROAD PIER PROTECTION, GNP-24	550
33	END OF PROJ. MEDIAN, TIE INTO EXISTING WITH 8 BOLT CONNECTION, GNP-30	75
TOTAL:		1,075

SAY: 1,075



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.2701 (LF)		
HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING		
RUN #	COMMENTS	LENGTH (FT)
1	EB RIGHT, MP 267.96-267.95 (GNP-01-02)	230
8	EB MEDIAN, INSTALL 87.5' WEST OF EXISTING (GNP-04)	87.5
30	EB RIGHT, MP 262.485-262.470 (GNP-26)	37.5
TOTAL:		355.0
SAY:		355.0



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.28 (EA)		
HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM MEDIAN GUIDE RAILING END TERMINAL (ENERGY-ABSORBING)		
RUN #	COMMENTS	QTY. (EA)
1	EB RT, MP 267.97-267.96 (GNP-01), INSTALL 25' WEST OF EXISTING	1
4	EB MEDIAN, MP 267.49 (GNP-03)	1
8	EB MEDIAN, MP 267.29 (GNP-04)	1
TOTAL:		3
SAY:		3



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.2801 (LF)		
HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER		
RUN #	COMMENTS	LENGTH (FT)
33	Median, Pier Protection N. Main St. Bridge TO END (GNP 29-30)	1,640.00
TOTAL:		1,640.00

SAY:	1,640.0
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.2802 (EA)

**ANCHORAGE UNITS FOR HPBO (MOD.) CORRUGATED BEAM
MEDIAN BARRIER**

RUN #	COMMENTS	QTY. (EA)
33	WB MEDIAN, MP 262.25 (GNP-29)	1.00
TOTAL:		1.00

SAY:	1.0
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY:

COMP DATE:

606.3042 (LF)		
SINGLE SLOPE CONCRETE MEDIAN BARRIER (PRECAST)		
RUN	COMMENTS	LENGTH (FT)
1	BIN 5512750, LAKEPORT RD EB PIER PROTECTION (GNP-01 -02, MSD-01, 05 AND 06)	100
2	BIN 5512750, LAKEPORT RD WB PIER PROTECTION (GNP-02, MSD-02, 05 AND 06)	100
11	EB RIGHT, CANASERAGA CREEK (BIN 551271), GNP-07	35
14	WB RIGHT, CANASERAGA CREEK (BIN 551271), GNP-07	35
25	BIN 5512780, INDIAN OPENING RD EB PIER PROTECTION (GNP-23 AND 24, MSD-03, 05 AND 08)	160
27	BIN 5512780, INDIAN OPENING RD WB PIER PROTECTION (GNP-23 AND 24, MSD-04, 05 AND 08)	160
32	WB RIGHT, CANASTOTA CREEK (BIN 5513110), GNP-28	40
TOTAL:		630

SAY:	630
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY:

COMP DATE:

606.3062 (LF)		
SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)		
RUN	COMMENTS	LENGTH (FT)
26	INDIAN OPENING ROAD, EB RIGHT SIDE EXISTING PIER PROTECTION	65
28	INDIAN OPENING ROAD, WB RIGHT SIDE EXISTING PIER PROTECTION	65
TOTAL:		130
SAY: 130		



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 606.53 (LF)		
RESETTING BOX BEAM GUIDE RAILING		
RUN #	COMMENTS	LENGTH (FT)
7	EB ASPHALT WEDGE, GNP-05	32
10	WB ASPHALT WEDGE, GNP-05	32
11	MP 266.806-266.761, EB RIGHT, RESET FOR NEW CONC. BARRIER AT CANASERAGA CULVERT, GNP-07	36
13	MP 266.695-266.755, WB MEDIAN, RESET FOR ACCEL LANE, GNP-07	275
14	MP 266.806-266.761, WB RIGHT, RESET FOR NEW CONC. BARRIER AT CANASERAGA CULVERT, GNP-07	36
16	MP 266.686-266.632, EB MEDIAN, RESET FOR U-TURN ACCEL. LANE, GNP-07	220
18	MP 266.055-266.010, EB RIGHT, RESET FOR VERT. CLEARANCE, MSD-07 (GEE ROAD)	106
21	MP 265.917 - 265.972, WB RIGHT, RESET FOR VERT. CLEARANCE, MSD-07 (GEE ROAD)	90
26	MP 263.075-263.039, EB RIGHT, RESET FOR VERT. CLEARANCE, MSD-08 (INDIAN OPENING ROAD)	75
28	MP 263.016 - 263.021, WB RIGHT, RESET FOR VERT. CLEARANCE, MSD-08 (INDIAN OPENING ROAD)	32
32	MP 262.18, WB RIGHT, RESET FOR NEW CONC. BARRIER AT CANASTOTA CREEK CULVERT, GNP-28	36
TOTAL:		970
SAY:		970



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.54 (LF)

RESETTING BOX BEAM MEDIAN BARRIER

RUN #	COMMENTS	LENGTH (FT)
19	MP 266.020-266.010, EB MEDIAN, RESET FOR ACCEL LANE/VERT.CLEARANCE (MSD-07)	54
20	MP 265.962-265.967, WB MEDIAN, RESET FOR VERT. CLEARANCE (MSD-07)	50
TOTAL:		104

SAY:	104
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.57 (LF)		
RESETTING PRECAST CONCRETE BARRIER		
RUN #	COMMENTS	LENGTH (FT)
19	MP 266.000-265.985, EB MEDIAN, RESET FOR ACCEL LANE/VERT.CLEARANCE	88
20	MP 265.962-265.967, WB MEDIAN, RESET FOR VERT. CLEARANCE	85
TOTAL:		173
SAY:		173



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.5710 (LF)

RESETTING PRECAST CONCRETE BARRIER - HALF SECTION

RUN #	COMMENTS	LENGTH (FT)
18	MP 266.000-265.985, EB RT, RESET FOR VERT.CLEARANCE	82
21	MP 265.962-265.967, WB RT, RESET FOR VERT. CLEARANCE	85
TOTAL:		167

SAY:	167
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.58 (LF)			
RESETTING HEAVY POST BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING			
RUN #	MP	COMMENTS	QTY. (LF)
2	MP 267.91	MP 267.830-267.840, WB RIGHT, GNP-02	50
3	MP 267.479	MP 267.479-267.469, EB RIGHT, GNP-03	50
4	MP 267.479	MP 267.479-267.469, EB MEDIAN, GNP-03	50
5	MP 267.360	MP 267.360-267.365, WB MEDIAN, GNP-04	62.5
6	MP 267.355	MP 267.355-267.365, WB RIGHT, GNP-04	50
7	MP 267.269	MP 267.269-267.259, EB RIGHT, GNP-04	50
8	MP 267.269	MP 267.269-267.259, EB MEDIAN, GNP-04	50
12	MP 266.806	MP 266.806-266.796, EB MEDIAN, GNP-06-07	50
23	MP 264.836	MP 264.836-264.826, EB RIGHT, GNP-15	50
TOTAL:			462.5
SAY:			462.5



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.5810 (LF)

**RESETTING HEAVY POST BLOCKED-OUT (MOD.)
CORRUGATED BEAM MEDIAN BARRIER**

RUN #	COMMENTS	QTY. (LF)
24	GNP-17, WB MEDIAN, MP 264.37	50
TOTAL:		50

SAY:	50
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.59200125 (EA)		
RESETTING END TERMINALS FOR BOX BEAM GUIDE RAIL AND MEDIAN BARRIER		
RUN #	COMMENTS	QTY. (EA)
10	MP 267.015, WB RIGHT, RESET BEAT, GNP-06	1
11	MP 266.811, EB RIGHT, RESET BEAT, GNP-06	1
14	MP 266.672, WB RIGHT, RESET BEAT, GNP-07	1
15	MP 266.647, WB MEDIAN, RESET BEAT, GNP-07	1
17	MP 266.183, WB RIGHT, RESET BEAT, GNP-09 (off ramp)	1
18	MP 266.060, EB RIGHT, RESET BEAT, GNP-10	1
19	MP 266.025, EB MEDIAN, RESET BEAT ACCEL LANE, MSD-07 AND GNP-10	1
20	MP 265.952, WB MEDIAN, RESET BEAT, MSD-07 AND GNP-10	1
21	MP 265.912, WB RIGHT, RESET BEAT, GNP-10	1
22	MP 265.773, WB RIGHT, RESET BEAT, GNP-11	1
32	MP 262.089, WB RIGHT, RESET BEAT, GNP-28	1
TOTAL:		11
SAY:		11



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.71 (LF)		
REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING		
RUN #	COMMENTS	LENGTH (FT)
1	MSD-06, LAKEPORT ROAD EB PIER PROTECTION	323
2	MSD-06, LAKEPORT ROAD WB PIER PROTECTION	245
33	MEDIAN, END OF PROJ. GNP 30	170
TOTAL:		738
SAY:		738



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.7101 (LF)		
REMOVING AND DISPOSING HEAVY POSTS BLOCKED-OUT (MOD.) CORRUGATED BEAM GUIDE RAILING		
RUN #	COMMENTS	LENGTH (FT)
1	EB MEDIAN, MP 267.95 GNP-01	50
30	EB RIGHT, GNP-26	37.5
TOTAL:		87.5
SAY:		87.5



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY: TJW

COMP DATE: 09/08/2025

ITEM 606.72 (LF)

REMOVING AND DISPOSING CORRUGATED BEAM MEDIAN BARRIER

RUN #	COMMENTS	LENGTH (FT)
25	INDIAN OPENING ROAD, EB PIER PROTECTION, GNP-23 AND MSD-08	760
27	INDIAN OPENING ROAD, WB PIER PROTECTION, GNP-24 AND MSD-08	835.0
33	WB MEDIAN, GNP 29-30, N. MAIN ST. BRIDGE TO END	1,600.0
TOTAL:		3,195.0

SAY:	3,195.0
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.73 (LF)		
REMOVING AND DISPOSING BOX BEAM GUIDE RAILING		
RUN #	COMMENTS	LENGTH (FT)
13	WB MEDIAN, MP 266.70, GNP-07	22
16	EB MEDIAN, MP 266.68, GNP-07	22
26	EB RIGHT, MP 263.016-263.021, INDIAN OPENING ROAD VERT. CLEARANCE/PIER PROTECTION, GNP-24 AND MSD-08	75
28	WB RIGHT, MP 263.016-263.021, INDIAN OPENING ROAD VERT. CLEARANCE/PIER PROTECTION, GNP-24 AND MSD-08	70
TOTAL:		189

SAY:	189
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.7510 (LF)		
REMOVING AND DISPOSING CONCRETE BARRIER - HALF SECTION		
RUN #	COMMENTS	LENGTH (FT)
11	EB RIGHT SIDE, CANASERAGA CREEK (BIN 551271), GNP-07	159
14	WB RIGHT SIDE, CANASERAGA CREEK (BIN 551271), GNP-07	159
26	EB RIGHT SIDE, INDIAN OPENING ROAD (BIN5512780), GNP-24 AND MSD-08	86
28	WB RIGHT SIDE, INDIAN OPENING ROAD (BIN5512780), GNP-24 AND MSD-08	106
32	WB RIGHT SIDE, CANASTOTA CREEK (BIN5513110), GNP-28	164
TOTAL:		674
SAY:		674



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.7910 (EA)

**REMOVING AND DISPOSING ANCHORAGE UNITS
FOR CORRUGATED BEAM GUIDE RAILING AND
MEDIAN BARRIER**

RUN #	MP	SIDE	COMMENTS	QTY. (EA)
1	267.91	RT	EB, MSD-06	1
2	267.896	RT	WB, MSD-06	1
25	263.01	LT	EB, MSD-08	1
27	263.035	LT	WB, MSD-08	1
33	262.25	LT	WB, GNP-29	1
TOTAL:				5

SAY: 5



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.7911 (EA)				
REMOVING AND DISPOSING WEAK AND HEAVY POST CORRUGATED BEAM ENERGY ABSORBING TERMINALS				
RUN #	MP	SIDE	COMMENTS	QTY. (EA)
1	267.96	EB,RT	REMOVE EXISTING AND SHIFT 25' WEST WITH NEW, GNP-01	1
4	267.489	EB,LT	REMOVE EXISTING, GNP-03	1
8	267.29	EB,LT	REMOVE EXISTING, SHIFTING NEW 87.5' WEST, GNP-04	1
TOTAL:				3
SAY:				3



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

ITEM 606.7921 (EA)

**REMOVING AND DISPOSING BOX BEAM GUIDE
RAILING ENERGY ABSORBING TERMINAL**

RUN #	MP	SIDE	COMMENTS	QTY. (EA)
13	266.7	MEDIAN	BEAT, GNP-07	1
16	266.68	MEDIAN	BEAT, GNP-07	1
TOTAL:				2

SAY: 2



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.8101 (EA)

**GUIDE RAIL TRANSITION WEAK-POST CORRUGATED BEAM TO BOX
BEAMGUIDE RAIL (ONE OR TWO-WAY OPERATION)**

RUN #	COMMENTS	QUANTITY (EA)
7	EB RIGHT SIDE, 70.5 FT TRANSITION, GNP-05	1
TOTAL:		1

SAY:	1
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.8803 (EA)

**TRANSITION BETWEEN BOX BEAM GUIDE RAIL AND SINGLE SLOPE HALF
SECTION CONCRETE BARRIER(ONE OR TWO WAY OPERATION)**

RUN #	COMMENTS	QUANTITY (EA)
11	BIN 5512761, CANASERAGA EB, GNP-07	2
14	BIN 5512761, CANASERAGA WB, GNP-07	2
26	INDIAN OPENING ROAD BRIDGE, EB RT. PIER PROTEC., MSD-03	1
28	INDIAN OPENING ROAD BRIDGE, WB RT. PIER PROTEC., MSD-04	1
32	BIN 5513110, CANASTOTA CREEK, GNP-28	2
TOTAL:		8

SAY: 8



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.8902 (EA)

**TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED
BEAM GUIDE RAILING TO WEAK POST CORRUGATED BEAM GUIDE
RAILING**

RUN #	COMMENTS	QUANTITY (EA)
2	BIN 5512750, LAKEPORT RD WB PIER PROTECTION (GNP-02, MSD-02, 05 AND 06)	1
TOTAL:		1

SAY:	1
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.8903 (EA)

**TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.)
CORRUGATED BEAM GUIDE RAILING TO SINGLE
SLOPE CONCRETE HALF SECTION BARRIER**

RUN #	COMMENTS	QUANTITY (EA)
1	BIN 5512750, LAKEPORT RD EB PIER PROTECTION (GNP-01 -02, MSD-01, 05 AND 06)	1
2	BIN 5512750, LAKEPORT RD WB PIER PROTECTION (GNP-02, MSD-02, 05 AND 06)	1
TOTAL:		2

SAY:	2
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.8905 (EA)

**TRANSITION: HEAVY POSTS BLOCKED OUT (MOD.) CORRUGATED
BEAM MEDIAN BARRIER TO WEAK POST CORRUGATED BEAM
MEDIAN BARRIER**

RUN #	COMMENTS	QUANTITY (EA)
25	BIN 5512780, INDIAN OPENING ROAD EB PIER PROTECTION (GNP-23-24, MSD-03, 05 AND 08)	1
27	BIN 5512780, INDIAN OPENING ROAD WB PIER PROTECTION (GNP-23-24, MSD-04, 05 AND 08)	1
33	EB MEDIAN @ PROJECT LIMITS, GNP-30	1
TOTAL:		3

SAY:	3
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.8906 (EA)

**TRANSITION: HPBO (MOD.) CORRUGATED BEAM MEDIAN
BARRIER TO SINGLE SLOPE CONCRETE MEDIAN BARRIER**

RUN #	COMMENTS	QUANTITY (EA)
25	EB MEDIAN PIER PROTECTION, INDIAN OPENING ROAD, MSD-03	1
27	WB MEDIAN PIER PROTECTION, INDIAN OPENING ROAD, MSD-04	1
TOTAL:		2

SAY:	2
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.9003 (EA)		
TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION SINGLESLOPE CONCRETE BARRIER (LEFT POCKET)		
RUN #	COMMENTS	QUANTITY (EA)
1	BIN 5512750, LAKEPORT RD EB PIER PROTECTION (GNP-01 -02, MSD-01, 05 AND 06)	1
2	BIN 5512750, LAKEPORT RD WB PIER PROTECTION (GNP-02, MSD-02, 05 AND 06)	1
11	EB RIGHT, CANASERAGA CREEK (BIN 5512762), GNP-07	1
14	WB RIGHT, CANASERAGA CREEK (BIN 551271), GNP-07	1
32	WB RIGHT, CANASTOTA CREEK (BIN 5513110), GNP-28	1
TOTAL:		5

SAY:	5
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.9004 (EA)

**TRANSITION BETWEEN HALF-SECTION AND FULL-SECTION
SINGLESLOPE CONCRETE BARRIER (RIGHT POCKET)**

RUN #	COMMENTS	QUANTITY (EA)
11	EB RIGHT, CANASERAGA CREEK (BIN 5512762), GNP-07	1
14	WB RIGHT, CANASERAGA CREEK (BIN 551271), GNP-07	1
32	WB RIGHT, CANASTOTA CREEK (BIN 5513110), GNP-28	1
TOTAL:		3

SAY:	3
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Thruway
Authority

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 09/08/2025

606.92010125 (EA)

REPLACE GUIDE RAIL SPLICE BOLTS

RUN #	SHEET NO.	DESCRIPTION	TOTAL LENGTH (LF)	QUANTITY (EA)
2	GNP-02	WB RIGHT SHOULDER	155	103
3	GNP 03-04	EB RIGHT SHOULDER	375	250
4	GNP 03-04	EB MEDIAN	470	313
5	GNP-04	WB MEDIAN	475	317
6	GNP-04	WB RIGHT SHOULDER	375	250
7	GNP 04-05	EB RIGHT SHOULDER	845	563
8	GNP 04-05	EB MEDIAN	1060	707
9	GNP 05-06	WB MEDIAN	990	660
10	GNP-05	WB RIGHT SHOULDER	640	427
12	GNP 06-07	EB MEDIAN	525	350
23	GNP 16-15	EB RIGHT SHOULDER	420	280
24	GNP 17-20	MEDIAN (DOUBLE SIDED BARRIER)	2550	3400
25	GNP 20-23	MEDIAN (DOUBLE SIDED BARRIER)	4330	5773
27	GNP 24-26	MEDIAN (DOUBLE SIDED BARRIER)	1450	1933
29	GNP 26-29	MEDIAN (DOUBLE SIDED BARRIER)	3075	4100
30	GNP 26-28	EB RIGHT SHOULDER	1775	1183
31	GNP 26-27	WB RIGHT SHOULDER	750	500
36	GNP-30	WB MEDIAN	305	203
TOTAL:			20565.00	
				21,313

SAY:	21,320
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NOTE: CONNECTION EVERY 12 FEET. 8 BOLTS PER CONNECTION, 16 BOLTS IF DOUBLE SIDED BARRIER



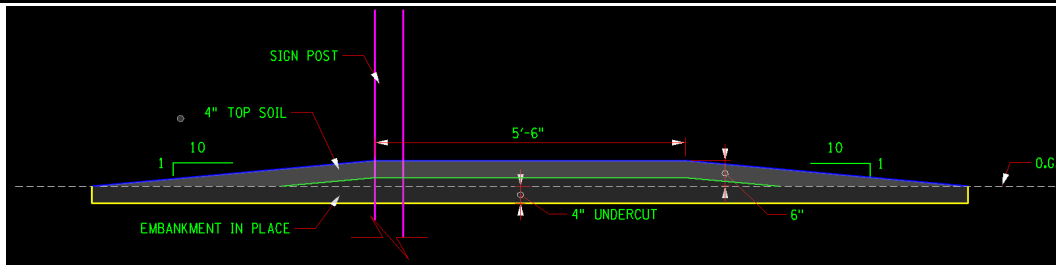
2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 610.1402 (CY)
TOPSOIL - ROADSIDE

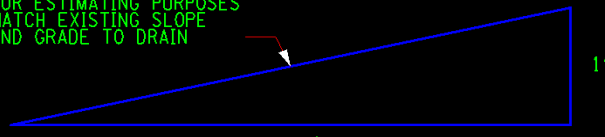
DESCRIPTION	MP	SIDE	COMMENTS	LENGTH (LF)	WIDTH (LF)	MULTI-PLIER	DEPTH (IN)	VOLUME (CY)
SIGN: CHITTENANGO SERVICE AREA/1.5 MILES	264.691	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	4	7.8
SIGN: NEXT SERVICE AREA/27 MILES	264.260	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	4	7.8
SIGN: CHITTENANGO SERVICE AREA/2 MILES	264.135	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	4	7.8
SIGN: EXIT 34 CANASTOTA/ONEIDA/1 MILE	262.945	EB/RT	GRADE AROUND SIGN POST	25	25	1.01	4	7.8
SIGN: ATTRACTIONS EXIT 34/SUNY MORRISVILLE	262.635	EB/RT	GRADE AROUND SIGN POST	25	25	1.01	4	7.8
SIGN: SERVICE AREA	266.258	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	4	7.8
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26			SEE DESIGN CALCS	815	10		4	70.4
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20			SEE DESIGN CALCS	815	10		4	70.4
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20			SEE DESIGN CALCS	815	10		4	70.4
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11			SEE DESIGN CALCS	815	10		4	70.4
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10			SEE DESIGN CALCS	815	10		4	70.4
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7			SEE DESIGN CALCS	815	10		4	70.4
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7			SEE DESIGN CALCS	815	10		4	70.4
TOTAL:								539.8
2% CONTINGENCY								10.8
SAY:								551

SIGN REGRADING CROSS-SECTION



U-TURN ACCEL. LANE DESIGN CALCS

EXISTING SLOPE VARIES
**ASSUME 1:10 SLOPE
FOR ESTIMATING PURPOSES
MATCH EXISTING SLOPE
AND GRADE TO DRAIN



10' TOTAL LENGTH = 800' + 15' RADIUS = 815'

ITEM 203.03:

AREA = (0.5 X 10' X 1') = 5 SF

VOLUME = (5 SF X 815' TOTAL LENGTH)/27 CF/CY = 150.93 CY

ITEM 610.1402: (815' LENGTH X 10' WIDE X 4"/12" DEPTH)/27 CF/CY = 100.62 CY

ITEM 610.1601: (815' LENGTH X 10' WIDE)/9 SF/SY = 905.56 SY

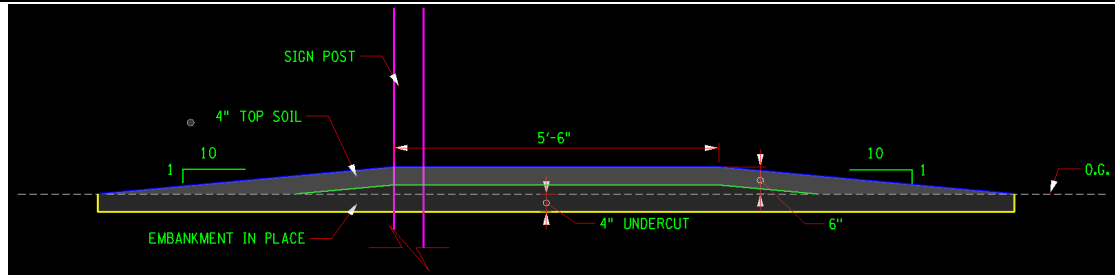
ITEM 610.1601 (SY)
TURF ESTABLISHMENT - ROADSIDE

DESCRIPTION	MP	SIDE	COMMENTS	LENGTH (FT)	WIDTH (FT)	MULTI-PLIER	AREA (SY)
SIGN: CHITTENANGO SERVICE AREA/1.5 MILES	264.691	WB/RT	GRADE AROUND SIGN POSTS	25	25	1.01	70.1
SIGN: NEXT SERVICE AREA/27 MILES	264.260	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	70.1
SIGN: CHITTENANGO SERVICE AREA/2 MILES	264.135	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	70.1
SIGN: EXIT 34 CANASTOTA/ONEIDA/1 MILE	262.945	EB/RT	GRADE AROUND SIGN POST	25	25	1.01	70.1
SIGN: ATTRACTIONS EXIT 34/SUNY MORRISVILLE	262.635	EB/RT	GRADE AROUND SIGN POST	25	25	1.01	70.1
SIGN: SERVICE AREA	266.258	WB/RT	GRADE AROUND SIGN POST	25	25	1.01	70.1
U-TURN MP 262.6 WB WIDE SHLDR, GNP 25-26			SEE DESIGN CALCS	815	10		633.9
U-TURN MP 263.91 EB WIDE SHLDR, GNP 20			SEE DESIGN CALCS	815	10		633.9
U-TURN MP 263.91 WB WIDE SHLDR, GNP 19-20			SEE DESIGN CALCS	815	10		633.9
U-TURN MP 266.05 EB WIDE SHLDR, GNP 10-11			SEE DESIGN CALCS	815	10		633.9
U-TURN MP 266.05 WB WIDE SHLDR, GNP 9-10			SEE DESIGN CALCS	815	10		633.9
U-TURN MP 266.71 EB WIDE SHLDR, GNP 7			SEE DESIGN CALCS	815	10		633.9
U-TURN MP 266.71 WB WIDE SHLDR, GNP 7			SEE DESIGN CALCS	815	10		633.9
TOTAL:							4,858.1

2% CONTINGENCY 97.2

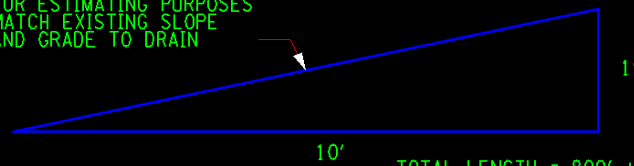
SAY: 4,955

SIGN REGRADING CROSS-SECTION



U-TURN ACCEL. LANE DESIGN CALCS

EXISTING SLOPE VARIES
**ASSUME 1:10 SLOPE
FOR ESTIMATING PURPOSES
MATCH EXISTING SLOPE
AND GRADE TO DRAIN



TOTAL LENGTH = 800' + 15' RADIUS = 815'

ITEM 203.03:
AREA = (0.5 X 10' X 1') = 5 SF
VOLUME = (5 SF X 815' TOTAL LENGTH)/27 CF/CY = 150.93 CY

ITEM 610.1402: (815' LENGTH X 10' WIDE X 4"/12" DEPTH)/27 CF/CY = 100.62 CY

ITEM 610.1601: (815' LENGTH X 10' WIDE)/9 SF/SY = 905.56 SY



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 617.10000024 (CY)			
DISPOSAL OF MATERIAL CONTAINING INVASIVE PLANT SPECIES			
DWG.	SIDE	COMMENTS	VOLUME (CY)
GNP-02	EB RT INLET	USE OF ITEM IS ASSUMED AT DITCH CLEANING LOCATIONS	9.26
GNP-02	EB MEDIAN OUTLET		7.41
GNP-10	EB RT. OUTLET		9.26
GNP-10	EB RT. INLET		9.26
GNP-27	EB RT INLET		9.26
TOTAL:			44
SAY:			45



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY:

COMP DATE:

ITEM 617.11000024 (LS)

EQUIPMENT CLEANING FOR INVASIVE PLANT SPECIES

QUANTITY	1
TOTAL:	1

SAY:	1
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 619.01 (LS)	
BASIC WORK ZONE TRAFFIC CONTROL	
QUANTITY	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 619.04 (EA)		
TYPE III CONSTRUCTION BARRICADE		
LOCATION	COMMENTS	PAID QUANTITY (EA)
WZTC CHITTENANGO SERVICE PLAZA - STAGE A	WZP-02	3
WZTC CHITTENANGO SERVICE PLAZA - STAGE E	WZP-06	3
TOTAL:		6

SAY:	6
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2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 262.0 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 619.0901 (LF)	
TEMPORARY PAVEMENT MARKINGS STRIPES (TRAFFIC PAINT)	
FROM MP	LENGTH PAID (LF)
FROM ITEM 685.1106--25	5,808
FROM ITEM 685.1206--25	920
FROM ITEM 685.1707--25	85,297
FROM ITEM 685.1708--25	66,950
TOTAL:	158,975
SAY:	159,000



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

**ITEM 619.110512 (EACH)
(PVMS) STANDARD SIZE - FULL
MATRIX (LED) NO OPTIONAL
EQUIPMENT SPECIFIED, CELLULAR
COMMUNICATIONS**

DESCRIPTION	QTY. (EA)
ASSUMED FOR WORKZONE	2
TOTAL:	2

SAY:	2
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

**ITEM 619.1706 25 (LF)
LINEAR DELINATION SYSTEM**

COMMENTS	LENGTH OF TANGENT BARRIER (LF)	LENGTH OF PANELS (LF)*
MP 266.71 WB, EXISTING MALL STRUCTURE PROTECTION	60	18.00
MP 266.71 EB, EXISTING OVERHEAD SIGN STRUCTURE	50	15.00
TOTAL:		33.00

SAY:		33
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*34" long panels spaced 86" apart



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 619.1711 (LF)
TEMPORARY CONCRETE BARRIER,
CATEGORY 1 (PINNING PROHIBITED)

COMMENTS	LENGTH (FT)
MP 266.71 WB, EXISTING MALL STRUCTURE PROTECTION	100
MP 266.71 EB, EXISTING OVERHEAD SIGN STRUCTURE	90.00
TOTAL:	190.00

SAY:	190
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 619.24 (LS)	
NIGHTTIME OPERATIONS	
QUANTITY	
	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 619.96----25 (EA) SPEED DISPLAY TRAILER	
DESCRIPTION	QUANTITY (EA)
AS NEEDED	1
TOTAL	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 621.51000015 (LF)

GRADING CLEANING AND RESHAPING EXISTING DITCHES

LOCATION	FROM MP	DESCRIPTION	SIDE	LENGTH (FT)
GNP-02	MP 267.79	C26779009XX	EB RT INLET	25.00
GNP-02	MP 267.79	C26779009XX	EB MEDIAN OUTLET	20.00
GNP-10	MP 265.99	C26599009XX	EB RT. OUTLET	25.00
GNP-10	MP 265.9	C26599009XX	EB RT. INLET	25.00
GNP-27	MP 262.28	C26228006XX	EB RT INLET	25.00
TOTAL:				120

SAY:	120
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 625.01 (LS)	
SURVEY OPERATIONS	
QUANTITY	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY:

COMP DATE:

ITEM 627.50140008 (LF)

CUTTING PAVEMENT

COMMENTS	DESCRIPTION	LENGTH (FT)
EB/WB BEGIN LIMITS	CAD-MEASURED	78
EB/WB END LIMITS	CAD-MEASURED	78
CHITTENANGO FUEL AREA LIMIT	CAD-MEASURED	285
CHITTENANGO ACCEL LANE LIMIT	CAD-MEASURED	50
CHITTENANGO DECEL LANE LIMIT	CAD-MEASURED	57
WB FULL DEPTH CALCS	SEE FDR SAMPLE CALC	5,618
WB PARTIAL DEPTH CALCS	SEE PDR SAMPLE CALC	1,906
EB FULL DEPTH CALCS	SEE FDR SAMPLE CALC	4,050
EB PARTIAL DEPTH CALCS	SEE PDR SAMPLE CALC	1,718
VERTICAL CLEARANCE, STD. SHT. TA 404-01 AND TA 404-03, MSD-05		
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - EASTBOUND	BEGIN AND END LIMITS	78
BIN 5512780, MP 263.03 INDIAN OPENING ROAD - WESTBOUND	BEGIN AND END LIMITS	78
BIN 5512770, MP 265.99 GEE ROAD - EASTBOUND	BEGIN AND END LIMITS	78
BIN 5512770, MP 265.99 GEE ROAD - WESTBOUND	BEGIN AND END LIMITS	78
BIN 5512750, MP 267.89 LAKEPORT ROAD - EASTBOUND	BEGIN AND END LIMITS	78
BIN 5512750, MP 267.89 LAKEPORT ROAD - WESTBOUND	BEGIN AND END LIMITS	78
U-TURN LAYOUT STD. SHT. TA 606-06, DWG. MSD-10		
U-TURN MP 262.6 WB WIDE SHLDR	TOTAL LENGTH PLUS 15' RADIUS AND 4' SHOULDER	819
U-TURN MP 263.88 WB WIDE SHLDR		819
U-TURN MP 263.88 EB WIDE SHLDR		819
U-TURN MP 266.05 WB WIDE SHLDR		819
U-TURN MP 266.05 EB WIDE SHLDR		819
U-TURN MP 266.71 WB WIDE SHLDR		819
U-TURN MP 266.71 EB WIDE SHLDR		819
TOTAL:		20,041
5% CONTINGENCY		1,002.05
SAY:		21,043



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 633.13 (LF)				
CLEANING, SEALING AND/OR FILLING JOINTS				
LOCATION	TOTAL WIDTHS	TOTAL LENGTHS	TOTAL	ASSUME 20% OF TOTAL (LF)
WESTBOUND PDR	273	370	643	129
EASTBOUND PDR	249	390	639	128
TOTAL			256	

SAY	256
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 633.15 (SY)			
REMOVAL AND REPAIR OF LOOSE, BROKEN, OR SPALLED PCC			
LOCATION	TOTAL AREA (SF)	TOTAL REPAIR AREA (SY)	ASSUME 20% OF TOTAL REPAIR AREA (SY)
WESTBOUND PDR	SEE PDR SAMPLE CALC	968	194
EASTBOUND PDR	SEE PDR SAMPLE CALC	811	162
		TOTAL	356

SAY	356
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 635.04030225 (LF) RECESS DIAMOND GRINDING FOR INLAID PAVEMENT MARKINGS			
LOCATION	FROM MP	TO MP	MEASURED LENGTH (FT)
ITEM 685.1707--25	268.000	261.660	85,297
ITEM 685.1708--25	268.000	261.660	66,950
		TOTAL	152,247
SAY			152,247



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY ALR
CHECKED BY:
COMP DATE:

ITEM 637.04 (EA)			
CONCRETE CYLINDER CURING EQUIPMENT			
DESCRIPTION			TOTAL
USED WITH CONCRETE INCLUDED IN PROJECT			1
		TOTAL	1
SAY			1



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
 IMPROVEMENTS
 MP 261.7 TO 268.0
 D215024
 MADISON COUNTY
 TAS 25-12

DATE: 08/15/2025
 PREPARED BY: ALR
 CHECKED BY: TJW
 COMP DATE: 08/18/2025

ITEM 637.12 25 (MNTH)	
ENGINEERS FIELD OFFICE - TYPE 2	
*PROPOSED LETTING = 10/15/2025 (ASSUME BID AWARD 11/15/25) PROPOSED COMPLETION = 11/26/26 (12 MONTHS)	
**ASSUME ADDITIONAL 2 MONTH FOR DELAYS AND 2 MONTHS FOR CLOSE OUT.	
TOTAL:	16
SAY:	16



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 640.25000010 (LF)				
BLUE REFLECTORIZED PAVEMENT MARKING PAINT FOR HANDICAPPED PARKING SPACES				
LOCATION	TYPE	LENGTH (FT)	FACTOR	PAID LENGTH (LF)
CHITTENANGO SERVICE PLAZA FUEL STATION STORE				
OUTSIDE PARKING SPACE STRIPE	4" SOLID	20	1	20
INSIDE PARKING SPACE STRIPE	4" SOLID	20	1	20
HATCHED STRIPPED ACCESS AISLE	4" SOLID	114	1	114
BACKGROUND OF HANDICAP SYMBOL **ASSUME 48" X 48"	48" X 48"	4	12	48
TOTAL:				202
SAY:				202



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 645.81 (EA)				
TYPE A SIGN POSTS				
DESCRIPTION	MP	SIDE	COMMENTS	QTY. (EA)
NO U-TURN, MP 266.71	266.71	MED	WB, GNP-07	2
NO U-TURN, MP 266.71	266.71	MED	EB, GNP-07	2
TOTAL:				4
SAY:				4



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/21/2025

ITEM 645.81090003 (EA)
RETROREFLECTIVE SIGN POST STRIP

DESCRIPTION	MP	SIDE	COMMENTS	QTY. (EA)
NO U-TURN, MP 266.71	266.71	MED	WB, GNP-07	2
NO U-TURN, MP 266.71	266.71	MED	EB, GNP-07	2
TOTAL:				4

SAY:	4
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 645.830202 (EA)					
TYPE B SIGN POST, GALVANIZED, W6X9 SECTION,BI-DIRECTIONAL BREAKAWAY BASE					
MP	GNP	OFFSET (FT)	SIDE	COMMENTS	QTY. (EA)
MP 266.258	GNP-09	24.4	WB/RT	"SERVICE AREA"	2
TOTAL:					2
SAY:					2



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEM 645.830702 (EA)					
TYPE B SIGN POST, GALVANIZED, W12X26 SECTION, BI-DIRECTIONAL BREAKAWAY BASE					
MP	GNP	OFFSET (FT)	SIDE	COMMENTS	QTY. (EA)
MP 266.382	GNP-08	31.7	EB/RT	"ONEIDA SERVICE AREA / 22 MILES"	2
TOTAL:					2
SAY:					2



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 646.0603 25 (EA)
INSTALL DELINEATOR OR TENTH MILE MARKER ON POST

LOCATION	SIDE	TYPE	QTY. (EA)
MAINLINE	WB/RT	TENTHS	57
	WB/RT	SOLID WHITE	183
	WB/RT	DOUBLE WHITE	16
	WB/RT	BLUE	3
	WB/MEDIAN	YELLOW	121
	WB/MEDIAN	DOUBLE YELLOW	30
	EB/MEDIAN	YELLOW	109
	EB/MEDIAN	DOUBLE YELLOW	51
	MEDIAN	BLUE	3
	EB/RT	TENTHS	57
	EB/RT	SOLID WHITE	191
	EB/RT	DOUBLE WHITE	3
	EB/RT	BLUE	2
PROPOSED U-TURN SHOULDER WIDEN/ACCEL LANE	EB AND WB	DOUBLE YELLOW (8 AT EACH U-TURN)	56
TOTAL:			882

SAY: 882



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 646.0626 25 (EA) INSTALL MILE MARKERS			
MILEPOST	SIDE	TYPE	QTY. (EA)
262	EB/WB		2
263	EB/WB		2
264	EB/WB		2
265	EB/WB		2
266	EB/WB		2
267	EB/WB		2
268	EB/WB		2
TOTAL:			14

SAY:		14
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0

D215024

MADISON COUNTY

TAS 25-12

DATE: 08/15/2025

PREPARED BY: ALR

CHECKED BY:

COMP DATE:

ITEM 646.0801 25 (EA)			
INSTALL SNOWPLOW MARKER, SINGLE UNIT			
LOCATION	SIDE	TYPE	QTY. (EA)
MAINLINE	WB/RT		11
	EB/RT		7
	WB/MEDIAN		10
	EB/MEDIAN		6
TOTAL:			34
SAY:			34



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 646.0802 25 (EA)			
INSTALL SNOWPLOW MARKER, DOUBLE UNIT			
LOCATION	SIDE	TYPE	QTY. (EA)
MAINLINE	WB/RT		19
	EB/RT		16
	EB/MEDIAN		10
	WB/MEDIAN		11
TOTAL:			56
SAY:			56



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 646.50 25 (EA)			
REMOVE AND DISPOSE OF DLINEATORS AND MARKERS			
ITEM	SIDE	COMMENTS	QTY. (EA)
646.0603 25	EB/WB/MEDIAN		882
646.0626 25			14
646.0801 25			34
646.0802 25			56
TOTAL:			986
SAY:			986



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 647.31 (EA)
**RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE I (UNDER
30 SQUARE FEET)**

MP	DESCRIPTION	SIDE	COMMENTS	QTY. (EA)
266.71	NO U-TURN, MP 266.71	MED	WB, GNP-07	1
266.71	NO U-TURN, MP 266.71	MED	EB, GNP-07	1
TOTAL:				2

SAY:	2
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**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 647.32 (EA)				
RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE II (30-100 SQUARE FEET)				
MP	OFFSET	SIDE	COMMENTS	QTY. (EA)
MP 266.258	24.4	WB/RT	"SERVICE AREA"	1
TOTAL:				1
SAY:				1



Thruway
Authority

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 647.33 (EA)

**RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY SIZE
III (OVER 100 SQUARE FEET)**

MP	OFFSET	SIDE	COMMENTS	QTY. (EA)
MP 266.382	31.7	EB/RT	"ONEIDA SERVICE AREA / 22 MILES"	1
TOTAL:				1

SAY: 1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 647.61 (EA)

**REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A
SIGN SUPPORTS AND FOUNDATIONS - SIZE I (UNDER 30
SQUARE FEET)**

MP	DESCRIPTION	SIDE	COMMENTS	QTY. (EA)
266.71	NO U-TURN, MP 266.71	MED	WB, GNP-07	2
266.71	NO U-TURN, MP 266.71	MED	EB, GNP-07	2
TOTAL:				4

SAY: 4



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/20/2025

ITEM 647.65 (EA)
REMOVE AND DISPOSE TYPE B GROUND MOUNTED SIGN
SUPPORT AND FOUNDATION

MP	OFFSET (FT)	SIDE	COMMENTS	QTY. (EA)
MP 265.225	39.2	WB/RT	CHITTENANGO SERVICE AREA / 1 MILE** REMOVE LEFTOVER SIGN STUB	1
MP 266.258	24.4	WB/RT	SERVICE AREA	2
MP 266.382	31.7	EB/RT	ONEIDA SERVICE AREA / 22 MILES	3
TOTAL:				6

SAY: 6



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 649.01 (LF)				
MILLED-IN AUDIBLE ROADWAY DELINEATORS (MIARDS)				
FROM MP	TO MP	SIDE	COMMENTS	LENGTH (FT)
261.660	268.00	LEFT	WB MAINLINE	33,475
261.660	268.00	RIGHT	WB MAINLINE	33,475
261.660	268.00	LEFT	EB MAINLINE	33,475
261.660	268.00	RIGHT	EB MAINLINE	33,475
TOTAL:				133,901
SAY:				133,901



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 653.1010					
PAVEMENT RIDE QUALITY ADJUSTMENT TO ASPHALT LEVEL					
1					
DIRECTION	LENGTH	NUMBER OF LANES	PRQ	QUALITY UNITS	TOTAL
WB	33,475	2	127	8	1,014
EB	33,475	2	127	8	1,014
TOTAL (QU):					2,029

REFER TO THE NYSDOT COMPREHENSIVE PAVEMENT DESIGN MANUAL (CPDM),
CHAPTER 6



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
 MP 261.7 TO 268.0
 D215024
 MADISON COUNTY
 TAS 25-12

DATE: 08/15/2025
 PREPARED BY: ALR
 CHECKED BY:
 COMP DATE:

ITEM 685.1106--25 (LF)				
WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES 6 INCH WIDTH X 20 MILS				
LOCATION	TYPE	LENGTH (FT)	FACTOR	PAID LENGTH (LF)
WB SERVICE PLAZA DECEL	6" SOLID	995	1	995
WB SERVICE PLAZA ACCEL	6" SOLID	1,630	1	1,630
WB SERVICE PLAZA DECEL	12" CHANNELIZING	250	2	500
WB SERVICE PLAZA ACCEL	12" CHANNELIZING	190	2	380
WB SERVICE PLAZA CENTER ISLAND	12" CHANNELIZING	188	2	376
WB SERVICE PLAZA DECEL	24" CHEVRON	410	4	1,640
WB SERVICE PLAZA CENTER ISLAND	24" CHEVRON	45	4	180
WB SERVICE PLAZA FUEL STORE CROSSWALK	12" LADDER BAR	26	2	52
CHITTENANGO PLAZA FUEL STATION STORE PARKING (4 SPACES) (GNP-08)	6" SOLID	55.00	1	55
TOTAL:				5,808
SAY:				5,808



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS

MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 685.1206--25 (LF)

YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES 6 INCH WIDTH X 20 MILS

LOCATION	TYPE	LENGTH (FT)	FACTOR	PAID LENGTH (LF)
CHITTENANGO SERVICE PLAZA THRU LANE (GNP-08)	6" SOLID	511.00	1	511
CHITTENANGO SERVICE PLAZA TRUCK LANE (GNP-08)	6" SOLID	335.00	1	335
CHITTENANGO SERVICE PLAZA (GNP-09)	6" SOLID	74.00	1	74
TOTAL:				920

SAY: 920



Thruway
Authority

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 685.1707--25 (LF)						
WHITE HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES 6 INCH WIDTH X 20 MILS						
LOCATION	FROM MP	TO MP	TYPE	MEASURED LENGTH (FT)	FACTOR	PAID LENGTH (FT)
MAINLINE WB	261.660	268.000	6" SOLID	33,475	1	33,475
MAINLINE WB	261.660	268.000	6" BROKEN	33,475	0.25	8,369
MAINLINE EB	261.660	268.000	6" SOLID	33,475	1	33,475
MAINLINE EB	261.660	268.000	6" BROKEN	33,475	0.25	8,369
MAINLINE EB EXIT 34 DECEL LANE	261.660	261.885	6' DOTTED	1,188	0.25	297
MAINLINE WB ACCEL GORE	CAD-MEASURED		12" CHANNELIZING	195	2	390
MAINLINE WB DECEL GORE	CAD-MEASURED		12" CHANNELIZING	253	2	506
MAINLINE WB DECEL	CAD-MEASURED		6' DOTTED	746	0.25	187
MAINLINE WB ACCEL	CAD-MEASURED		6' DOTTED	920	0.25	230
					TOTAL	85,297
SAY						85,297



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY: TJW
COMP DATE: 08/18/2025

ITEM 685.1708--25 (LF)						
YELLOW HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES 6 INCH WIDTH X 20 MILS						
LOCATION	FROM MP	TO MP	TYPE	LENGTH (FT)	WIDTH (IN)	PAID LENGTH (LF)
MAINLINE WB	261.66	268.000	6" SOLID	LEFT	6"	33,475
MAINLINE EB	261.66	268.000	6" SOLID	LEFT	6"	33,475
TOTAL:						66,950
SAY:						66,950



2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
 IMPROVEMENTS
 MP 261.7 TO 268.0
 D215024
 MADISON COUNTY
 TAS 25-12

DATE: 08/15/2025
 PREPARED BY: ALR
 CHECKED BY: TJW
 COMP DATE: 08/18/2025

ITEM 685.3404 (EA) WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 20 MIL PORTABLE/HAND APPLICATION	
LOCATION	TOTAL QTY.
CHITTENANGO SERVICE PLAZA - FUEL STATION STORE HANDICAP PARKING SPACE, GNP-8	1
TOTAL:	1
SAY:	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 697.03 (DC) FIELD CHANGE PAYMENT	
QUANTITY	1



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 698.04 (DC)			
ASPHALT PRICE ADJUSTMENT			
ITEM	QUANTITY	FACTOR (t PGB/t)	TOTAL
406.1252	33,929	0.055	1866.10
404.1272	2,426	0.055	133.43
404.1979	7,984	0.049	391.22
404.3779	7,222	0.04	288.88
407.0104001	22204	0.0016	35.53
633.15 (TONS)	40	0.049	1.96
			2,717.11
ADJUSTMENT:			\$30
TOTAL			\$81,513.30



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS

IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 698.04 (DC)			
FUEL PRICE ADJUSTMENT			
ITEM	QUANTITY	FACTOR (gal/XX)	TOTAL
203.02	9,592	0.35	3,357.2
203.03	1,130	0.1	113.0
206.0201	325	0.5	162.5
304.12	2,988	1	2,988.0
404.1252	33,929	2.5	84,822.5
404.1272	2,426	2.5	6,065.0
404.1979	7,984	2.5	19,960.0
404.3779	7,222	2.5	18,055.0
490.15	301,575	0.1	30,157.5
490.30	23,802	0.1	2,380.2
555.0021	1	1	1.0
610.1402	551	0.45	248.0
610.1601	4,955	0.05	247.8
633.15 (TONS)	40	2.5	100.1

168,657.7

ADJUSTMENT: \$0.20

TOTAL \$33,731.55



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 698.06 (DC)	
STEEL/IRON PRICE ADJUSTMENT	
QUANTITY	1000



**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND
MISCELLANEOUS IMPROVEMENTS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

ITEM 699.04 25 (DC)	
MOBILIZATION	
QUANTITY	1

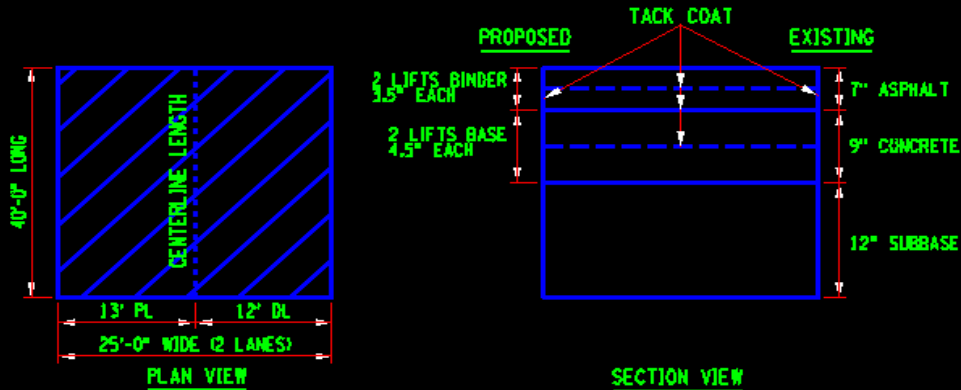


Thruway
Authority

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

**FULL DEPTH REPAIR - SAMPLE CALC
EASTBOUND FDR #1, MP 267.975**



ITEM 203.02:

PL/DL = (40' LENGTH X 25' WIDTH X 16"/12" TOTAL THICKNESS)/27 CF/CY = 49.38 CY

••LEFT SHOULDER RECON. = (40' LENGTH X 4' WIDTH X 6"/12" DEPTH)/27 CF/CY = 2.96 CY

TOTAL ITEM 203.02 = 49.38 CY + 2.96 CY = 52.34 CY

ITEM 404.1979:

PL/DL = (40' LENGTH X 25' WIDTH X 7"/12" TOTAL THICKNESS)/27 CF/CY = 21.60 CY/0.4938 = 43.75 TONS

••LEFT SHOULDER RECON. = (40' LENGTH X 4' WIDTH X 6"/12" DEPTH)/27 CF/CY = 2.96 CY/0.4938 = 6 TONS

TOTAL ITEM 404.1979 = 43.75 TONS + 6 TONS = 49.75 TONS

••AS PER NYSTA STD. SHT. TA 404-01, LEFT SHOULDER REHAB. SHALL BE INCLUDED WITH PASSING LANE FULL DEPTH REPAIR WORK.

ITEM 404.3779: (40' LENGTH X 25' WIDTH X 9"/12" TOTAL THICKNESS)/27 CF/CY = 27.78 CY/0.4938 = 56.25 TONS

ITEM 407.01040009:

FLAT AREA: (40' LENGTH X 25' WIDTH)/9 SF/SY = 111.11 SY X 3 LAYERS X 0.04 GAL/SY = 13.33 GAL

VERTICAL FACE: PERIMETER = [(40' LENGTH X 2) + (25' WIDTH X 2) + (40' CENTERLINE LENGTH X 2)] = 210'

X 16"/12" TOTAL THICKNESS = 280 SF / 9 SF/SY = 31.11 SY X 0.07 GAL/SY = 2.18 GAL

TOTAL ITEM 407.01040009 = 13.33 GAL + 2.18 GAL = 15.51 GAL

ITEM 627.50140008: [(40' LENGTH X 2) + (25' WIDTH X 2) + (40' CENTERLINE LENGTH X 2)] = 210 LF

•CENTERLINE LENGTH: IT IS ASSUMED THAT MULTIPLE LANES WITH ADJACENT REPAIRS WILL BE DONE SEPARATELY.

ADDITIONAL ESTIMATED QUANTITIES:

IN INSTANCES WHERE SUBBASE REPLACEMENT IS DETERMINED NECESSARY, THE FOLLOWING QUANTITIES WILL BE REQUIRED IN ADDITION TO THOSE CALCULATED ABOVE:

ITEM 203.02: (40' LENGTH X 25' WIDTH X 12"/12" TOTAL THICKNESS)/27 CF/CY = 37.04 CY

ITEM 304.12: (40' LENGTH X 25' WIDTH X 12"/12" TOTAL THICKNESS)/27 CF/CY = 37.04 CY

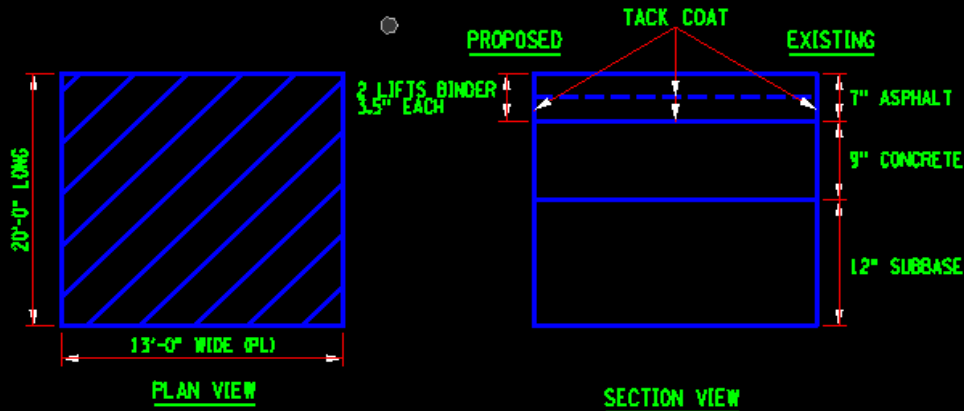


**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

**PARTIAL DEPTH REPAIR - SAMPLE CALC
EASTBOUND FDR #1, MP 266.2**



ITEM 404.1979: (20' LENGTH X 13' WIDTH X 7"/12" TOTAL THICKNESS)/27 CF/CY = 5.62 CY/0.4938 = 11.38 TONS

ITEM 407.01040009:

FLAT AREA (ASPHALT): (20' LENGTH X 13' WIDTH)/9 SF/SY = 28.9 SY X 1 LAYERS X 0.04 GAL/SY = 1.16 GAL
FLAT AREA (CONCRETE): (20' LENGTH X 13' WIDTH)/9 SF/SY = 28.9 SY X 1 LAYERS X 0.06 GAL/SY = 1.73 GAL

VERTICAL FACE: PERIMETER = [(20' LENGTH X 2) + (13' WIDTH X 2)] = 66'

X 7"/12" TOTAL THICKNESS = 38.5 SF / 9 SF/SY = 4.28 SY X 0.07 GAL/SY = 0.30 GAL

TOTAL ITEM 407.01040009 = 1.16 GAL + 1.73 GAL + 0.03 GAL = 2.92 GAL

*SEE TACK COAT APPLICATION RATES PER NYSDOT TABLE 407-01

ITEM 490.30: (20' LENGTH X 13' WIDTH)/9 SF/SY = 28.9 SY

ITEM 627.50140008: [(20' LENGTH X 2) + (13' WIDTH X 2)] = 66 LF

ITEM 633.13: [(20' LENGTH X 1) + (13' WIDTH X 1)] X 20% = 6.6 LF*

ITEM 633.15: [(20' LENGTH X 13' WIDTH) X 20%]/9 SF/SY = 5.78 SY*

*SOME PDRs MAY HAVE 0% ITEMS 633.13 AND 633.15. SOME PDRs MAY HAVE MORE THAN 20%
20% WAS USED FOR QUANTITY CALCULATIONS FOR THE ENTIRE PROJECT.

PARTIAL DEPTH REPAIR SAMPLE CALC

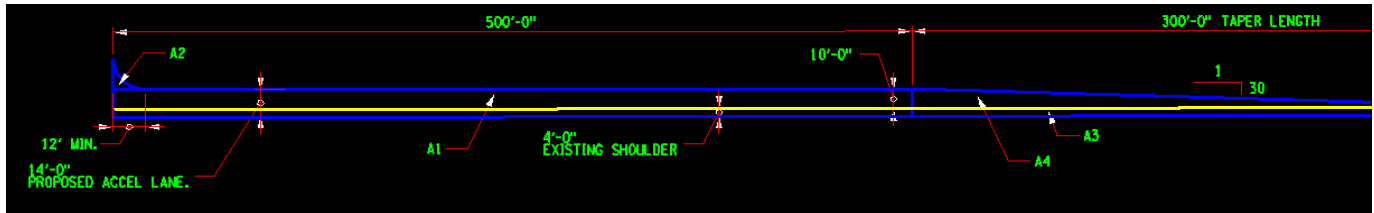


**Thruway
Authority**

2" MILL AND INLAY, SAFETY WORK AND MISCELLANEOUS
MP 261.7 TO 268.0
D215024
MADISON COUNTY
TAS 25-12

DATE: 08/15/2025
PREPARED BY: ALR
CHECKED BY:
COMP DATE:

**U-TURN SHOULDER WIDENING/ACCEL. LANE DESIGN CALCS
7 LOCATIONS - MP 262.60, MP 263.91, 266.05, MP 266.71**



AREA CALCS:

$$A1 = 500' \text{ LENGTH} \times 10' \text{ WIDE} = 5,000 \text{ SF}$$

$$A2 = \frac{1}{2} \times 12' \times 9' = 54 \text{ SF} \bullet\bullet$$

$$A3 = 800' \text{ TOTAL LENGTH} \times 4' \text{ EXISTING SHOULDER} = 3,200 \text{ SF}$$

$$A4 = \frac{1}{2} \times 300' \text{ TAPER LENGTH} \times 10' \text{ WIDE} = 1,500 \text{ SF}$$

••ASSUME 3-4-5 TRIANGLE



$$\text{TOTAL AREA} = A1 + A2 + A3 + A4 = 5,000 \text{ SF} + 54 \text{ SF} + 3,200 \text{ SF} + 1,500 \text{ SF} = 9,754 \text{ SF}$$

TAPER LENGTH:

$$\text{TAPER} = 1:30$$

$$\text{EXISTING SHOULDER} = 4'$$

$$\text{PROPOSED SHOULDER WIDTH} = 14'$$

$$\text{DIFFERENCE} = 10'$$

$$\text{TAPER LENGTH} = 10' \times 30 = 300'$$

ITEM 203.02:

$$\text{TOTAL AREA} = 9,754 \text{ SF}$$

$$\text{ASSUMED DEPTH: } 16" \text{ ASPHALT} + 12" \text{ SUBBASE} = 28" \text{ TOTAL}$$

$$\text{VOLUME} = (9,754 \text{ SF} \times (28\text{IN}/12 \text{ (IN/FT)}) / 27 \text{ CF/CY} = 842.94 \text{ CY}$$

ITEM 404.1272:

$$\text{TOP COURSE} = (9,754 \text{ SF} \times 2"/12" \text{ TOTAL THICKNESS}) / 27 \text{ CF/CY} = 60.21 \text{ CY} / 0.4938 = 121.93 \text{ TONS}$$

ITEM 404.1979:

$$\text{BINDER COURSE} = (9,754 \text{ SF} \times 5"/12" \text{ TOTAL THICKNESS}) / 27 \text{ CF/CY} = 150.52 \text{ CY} / 0.4938 = 304.83 \text{ TONS}$$

ITEM 404.3779:

$$\text{BASE COURSE} = (9,754 \text{ SF} \times 9"/12" \text{ TOTAL THICKNESS}) / 27 \text{ CF/CY} = 270.94 \text{ CY} / 0.4938 = 548.69 \text{ TONS}$$

ITEM 304.12:

$$\text{SUBBASE} = (9,754 \text{ SF} \times 12" \text{ DEPTH}) / 27 \text{ CF/CY} = 361.26 \text{ CY}$$

ITEM 407.01040009:

$$\text{FLAT AREA: } 9,754 \text{ SF} / 9 \text{ SF/SY} = 1,083.78 \text{ SY} \times 4 \text{ LAYERS} \times 0.05 \text{ GAL/SY} = 216.76 \text{ GAL}$$

$$\text{VERTICAL FACE: PERIMETER} = 800' \text{ LENGTH} + 15' \text{ RADIUS} = 815'$$

WESTBOUND FDRs												LEFT SHOULDER RECONSTRUCTION						TOTALS			
REPAIR	MILEPOST	LOCATION	NUMBER OF LANES	WIDTH (FT)	LENGTH (FT)	ITEM 203.02 (CY)	ITEM 304.12 (CY)	ITEM 404.3779 (TON)	ITEM 404.1979 (TON)	ITEM 407.01040009 (SY)								EXCAVATION DEPTH (CY)	SUBBASE (CY)	BASE (TON)	BINDER (TON)
										FLAT AREA	VERTICAL FACE	SHOULDER WIDTH (FT)	LENGTH OF REPAIR (FT)	DEPTH	ITEM 203.02 (CY)	ITEM 404.1979 (TON)					
1	261.66	PL/DL	2	25	924	1140.71	171.11	1299.45	1010.68	2566.67	554.96	4.00	924.00	0.50	68.44	138.61	1.333				
2	261.825	PL	1	12	209	123.85	18.58	109.73	278.67	65.48	4.00	209.00	0.50	15.48	31.35						
3	261.88	PL/DL	2	25	238	293.82	44.07	334.71	260.33	661.11	148.44	4.00	238.00	0.50	17.63	35.70					
4	264.575	DL	1	12	10	5.93	0.89	6.75	5.25	13.33	6.52										
5	265.035	DL	1	12	20	11.85	1.78	13.50	10.50	26.67	9.48										
6	265.875	DL	1	13	20	12.84	1.93	14.63	11.38	28.89	9.78										
7	266	DL	1	12	30	17.78	2.67	20.25	15.75	40.00	12.44										
8	266.89	PL/DL	2	25	30	37.04	5.56	42.19	32.81	83.33	25.19	4.00	30.00	0.50	2.22	4.50					
TOTAL =						1643.81	246.58	1872.55	1456.43	3698.67	832.30	TOTAL =			103.78	210.16					

WESTBOUND PDRs									
REPAIRS	MILEPOST	LOCATION	NUMBER OF LANES	WIDTH (FT)	LENGTH (FT)	ITEM 490.30 (SY)	ITEM 402.1979 (TON)	ITEM 407.01040009 (SY)	
								AREA	VERTICAL FACE
1	264.325	DL	1	12	20	26.67	10.50	26.67	4.15
2	266.15	PL/DL/DECEL	3	37	20	82.22	32.38	82.22	11.28
3	266.325	PL/DL	2	25	20	55.56	21.88	55.56	8.43
4	267.1	PL/DL	2	25	50	138.89	54.69	138.89	16.20
5	267.125	PL/DL	2	25	20	55.56	21.88	55.56	8.43
6	267.15	PL/DL	2	25	20	55.56	21.88	55.56	8.43
7	267.225	PL/DL	2	25	40	111.11	43.75	111.11	13.61
8	267.275	DL	1	12	20	26.67	10.50	26.67	4.15
9	267.325	DL	1	12	20	26.67	10.50	26.67	4.15
10	267.45	PL/DL	2	25	80	222.22	87.50	222.22	23.98
11	267.49	PL/DL	2	25	40	111.11	43.75	111.11	13.61
12	267.85	PL/DL	2	25	20	55.56	21.88	55.56	8.43
TOTAL =						967.78	381.08	967.78	124.83

EASTBOUND FDRs												LEFT SHOULDER RECONSTRUCTION					TOTALS			
REPAIR	MILEPOST	LOCATION	NUMBER OF LANES	WIDTH (FT)	LENGTH (FT)	ITEM 203.02 (CY)	ITEM 304.12 (CY)	ITEM 404.3779 (TON)	ITEM 404.1979 (TON)	ITEM 407.01040009 (SY)							EXCAVATION DEPTH (CY)	SUBBASE (CY)	BASE (TON)	BINDER (TON)
										FLAT AREA	VERTICAL FACE	1193.93	153.32	1164.33	943.09					
1	267.975	PL/DL	2	25	40	49.38	7.41	56.25	43.75	111.11	31.11	4.00	40.00	0.50	2.96	6.00				
2	267.875	PL/DL	2	25	20	24.69	3.70	28.13	21.88	55.56	19.26	4.00	20.00	0.50	1.48	3.00				
3	267.81	PL/DL	2	25	50	61.73	9.26	70.32	54.69	138.89	37.04	4.00	50.00	0.50	3.70	7.50				
4	267.775	PL/DL	2	25	40	49.38	7.41	56.25	43.75	111.11	31.11	4.00	40.00	0.50	2.96	6.00				
5	266.075	PL/DL	2	25	20	24.69	3.70	28.13	21.88	55.56	19.26	4.00	20.00	0.50	1.48	3.00				
6	265.95	DL	1	12	100	59.26	8.89	67.50	52.50	133.33	33.19									
7	265.125	PL	1	13	20	12.84	1.93	14.63	11.38	28.89	9.78	4.00	20.00	0.50	1.48	3.00				
8	264.575	PL/DL	2	25	20	24.69	3.70	28.13	21.88	55.56	19.26	4.00	20.00	0.50	1.48	3.00				
9	264.51	DL	1	12	20	11.85	1.78	13.50	10.50	26.67	9.48									
10	264.125	PL/DL	2	25	20	24.69	3.70	28.13	21.88	55.56	19.26	4.00	20.00	0.50	1.48	3.00				
11	264.09	DL	1	12	20	11.85	1.78	13.50	10.50	26.67	9.48									
12	264	DL	1	12	20	11.85	1.78	13.50	10.50	26.67	9.48									
13	263.4	PL	1	13	20	12.84	1.93	14.63	11.38	28.89	9.78	4.00	20.00	0.50	1.48	3.00				
14	263.2	DL	1	12	20	11.85	1.78	13.50	10.50	26.67	9.48									
15	262.975	DL	1	12	40	23.70	3.56	27.00	21.00	53.33	15.41									
16	261.925	DL	1	12	660	391.10	58.67	445.52	346.52	880.00	199.11									
17	261.775	DECEL	1	12	264	156.44	23.47	178.21	138.61	352.00	81.78									
18	261.7	DL/DECEL	2	24	50	59.26	8.89	67.50	52.50	133.33	36.74									
TOTAL =						1022.10	153.32	1164.33	905.59	2299.78	600.00	TOTAL =				18.52	37.50			

EASTBOUND PDRs									
REPAIRS	MILEPOST	LOCATION	NUMBER OF LANES	WIDTH (FT)	LENGTH (FT)	ITEM 490.30 (SY)	ITEM 402.1979 (TON)	ITEM 407.01040009 (SY)	
								AREA	VERTICAL FACE
1	266.2	PL	1	13	20	28.89	11.38	28.89	4.28
2	265	PL/DL	1	25	20	55.56	21.88	55.56	5.83
3	264.725	PL/DL	2	25	20	55.56	21.88	55.56	8.43
4	264.7	PL/DL	1	25	20	55.56	21.88	55.56	5.83
5	264.45	DL	1	12	20	26.67	10.50	26.67	4.15
6	263.625	DL	2	12	20	26.67	10.50	26.67	6.74
7	263.075	PL/DL	1	25	20	55.56	21.88	55.56	5.83
8	263.05	PL/DL	1	25	20	55.56	21.88	55.56	5.83
9	262.7	DL	1	12	130	173.33	68.25	173.33	18.41
10	262.65	PL/DL	2	25	40	111.11	43.75	111.11	13.61
11	262.15	PL/DL	1	25	20	55.56	21.88	55.56	5.83
12	262	PL/DL	1	25	40	111.11	43.75	111.11	8.43
TOTAL =						811.11	319.39	811.11	93.20