

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



MADISON

SOMERSET

U.S. ROUTE 201 & S.R. 148

FEDERAL AID PROJECT NO. STP-1568(500)X

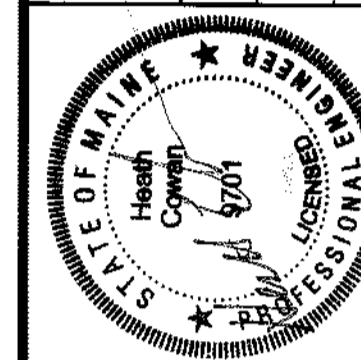
PROJECT LENGTH : 0.313 MILES

PLAN LEGEND

Town, County, State	-----	Centerline-Existing	-----
Property Lines	-----	Centerline-Proposed	-----
R/W Lines-Existing	-----	Travelway-Existing	-----
R/W Lines-Proposed	-----	Travelway-Proposed	-----
Culvert-Existing	-----	Railroad	-----
Culvert Proposed	-----	Catch Basins	Existing Proposed
Curbing	Existing Proposed	Manholes	Existing Proposed
Type 1	-----	Proposed Underdrain	-----
Type 3	-----	Proposed Ditch	-----
Type 5	-----	Existing Ditch	-----
Outline of Bodies of Water	-----	Utility Poles	Existing Proposed
Ledge	-----	Fire Hydrants	Existing Proposed
Buildings	-----	Existing Water Line	-----
Trees	Conifer Deciduous	Existing San. Sewer	-----
Tree Line	-----	Existing San. Sewer Manhole	-----
Clearing Limit Line	CLL	Guardrail-Existing	-----
		Guardrail-Proposed	-----
		Guardrail-Cable, Other	-----

INDEX OF SHEETS

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SIGNATURE: P. MACDONALD
P.E. NUMBER: 9701
DATE: 8/11

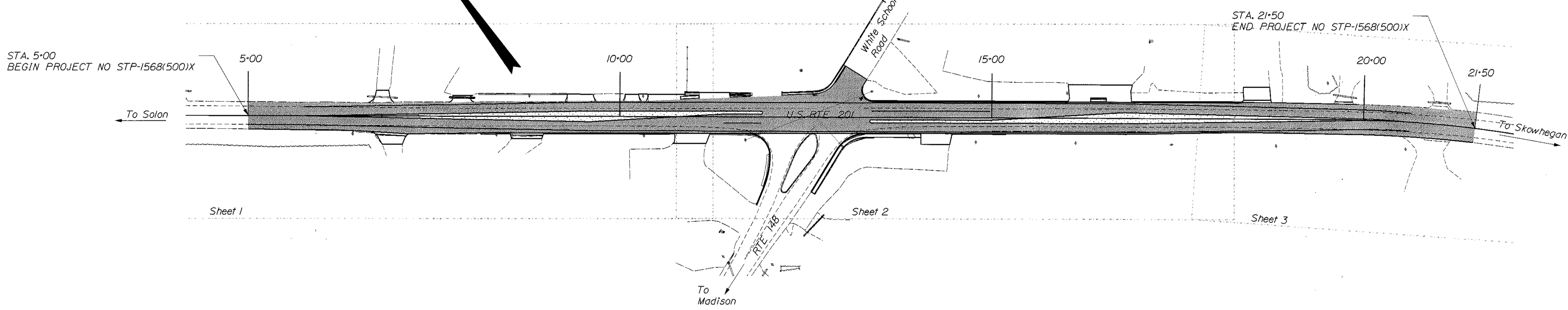
PROGRAM MANAGER	P. MACDONALD
DESIGNER	P. MOULTON
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

MADISON
U.S. ROUTE 201 & S.R. 148
TITLE SHEET

SHEET NUMBER

1

OF 29



TRAFFIC DATA

Current (2010) AADT	9050
Future (2030) AADT	10860
DHV - % of AADT	9%
Design Hour Volume	977
% Heavy Trucks (AADT)	10%
% Heavy Trucks (DHV)	5%
Directional Distribution (DHV)	58%
18 kip Equivalent P 2.0	1288
18 kip Equivalent P 2.5	1227
Design Speed (mph)	50
Functional Class:	principal arterial

LAYOUT SCALE



PROJECT LOCATION:	In the town of Madison at the intersection of U.S. Route 201 & State Route 148
PROGRAM AREA:	Hazard Elimination
SCOPE OF WORK:	Intersection improvements w/ beacon updates

PIN 15685.00 STP-1568(500)X

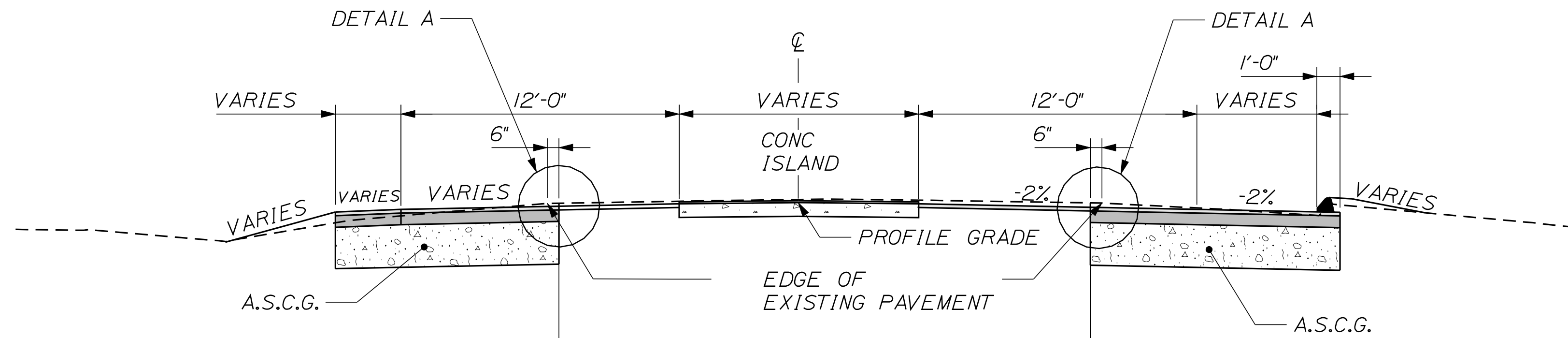
Date: 8/17/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ...\\00\HIGHWAY\WSTA\001_Title.dgn

TYPICAL SECTIONS



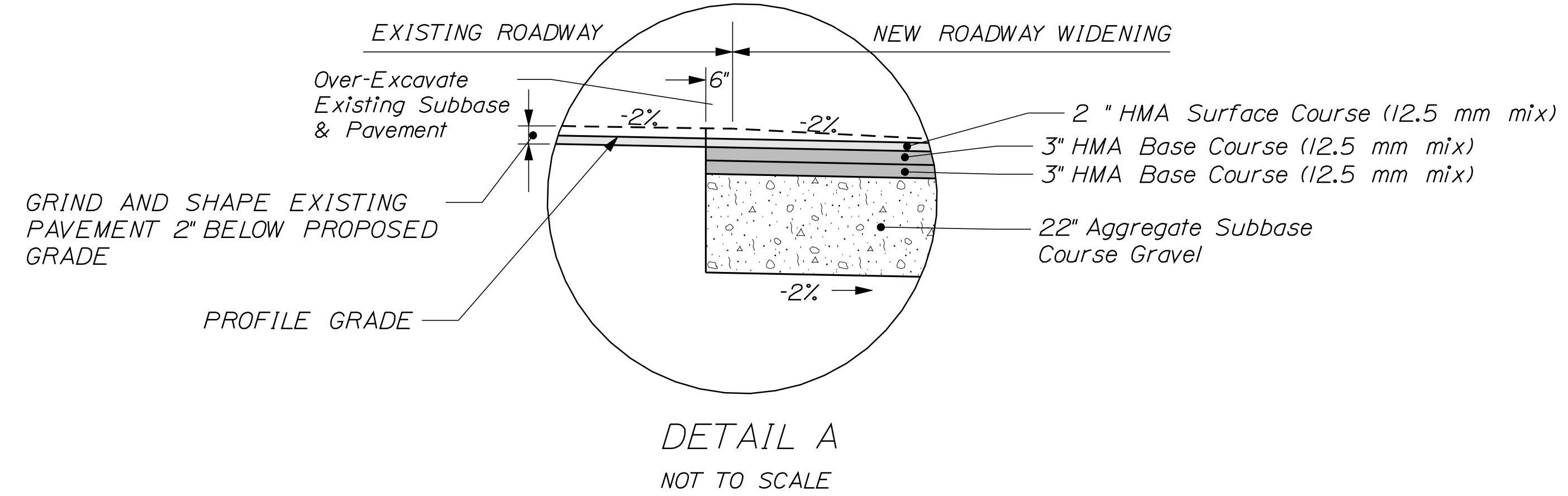
THE CONTRACTOR SHALL MILL TO A DEPTH OF 2 INCHES BELOW PROPOSED CENTERLINE PROFILE GRADE. MILL THE EXISTING PAVEMENT TO ACHIEVE THE DESIRED PROPOSED CROSS SLOPES AND PAVE TO THE PROFILE GRADES AND CROSS SLOPES SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT.

SHOULDER REHAB W/O CURB

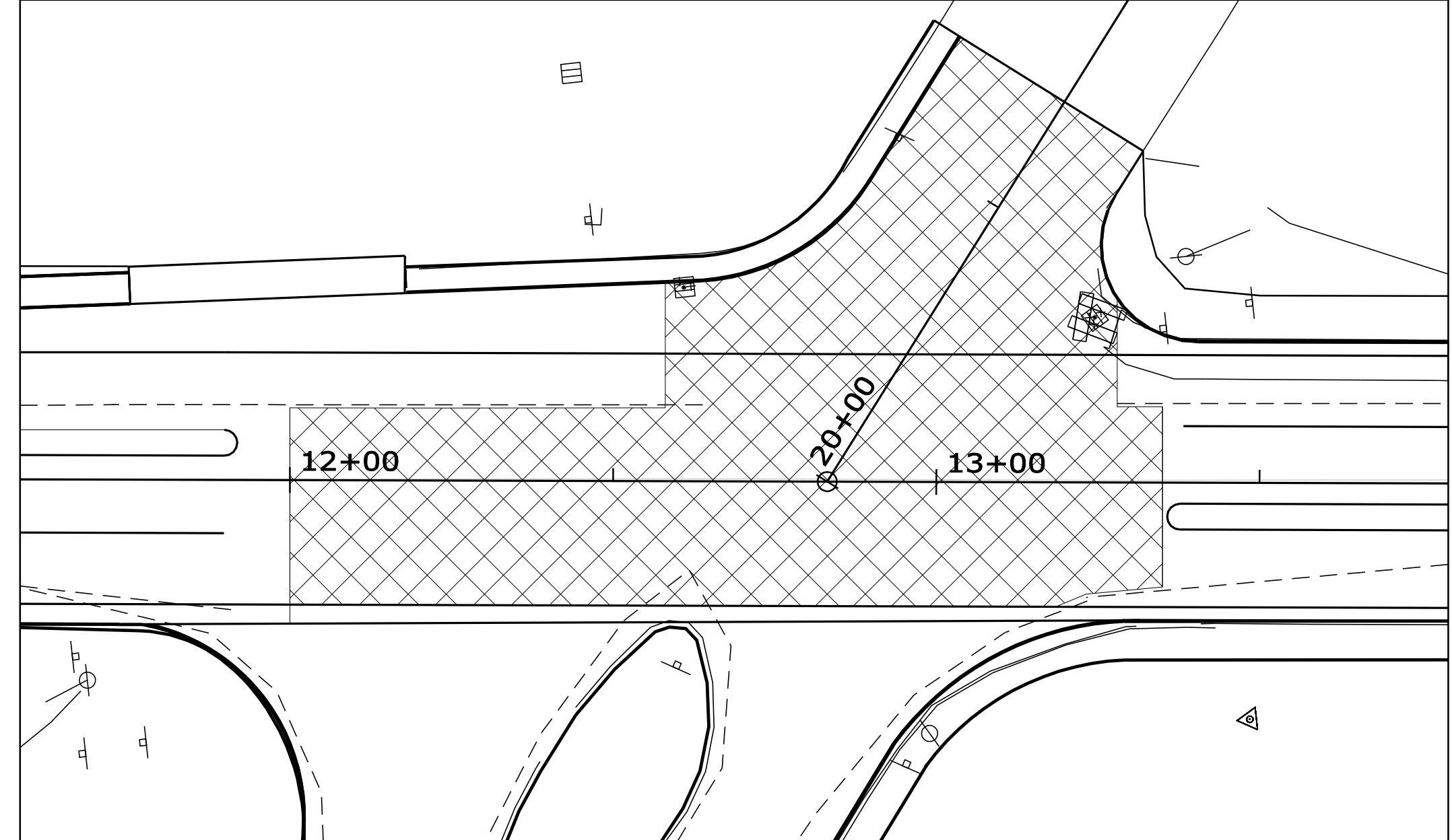
STA. 5+00 LT. TO STA. 10+50 LT.
 STA. 18+00 LT. TO STA. 21+50 LT.
 STA. 5+00 RT. TO STA. 8+00 RT.
 STA. 15+00 RT. TO STA. 21+50 RT.

SHOULDER REHAB W/ CURB

STA. 10+50 LT TO STA. 12+75 LT
 STA. 13+35 LT TO STA. 18+00 LT
 STA. 8+00 RT TO STA. 12+00 RT
 STA. 13+35 RT TO STA. 15+00 RT



DETAIL A
 NOT TO SCALE



THIS AREA TO BE GRIND AND RESHAPED TO DRAIN INTO EXISTING DRAINAGE AS DIRECTED BY RESIDENT. RESURFACE WITH 2" PAVEMENT

NOTE:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA002_Typical_1.dgn

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 15685.00
 PIN 15685.00
 HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
P. MACDONALD	R. MOULTON	SEP. 2011
CHECKED/REVIEWED	DESIGN/REVIEWED	SIGNATURE
R. MOULTON	K. BRESKIN	T. WHITE
DESIGN/REVIEWED	DESIGN/REVIEWED	P.E. NUMBER
DESIGN/REVIEWED	DESIGN/REVIEWED	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES		

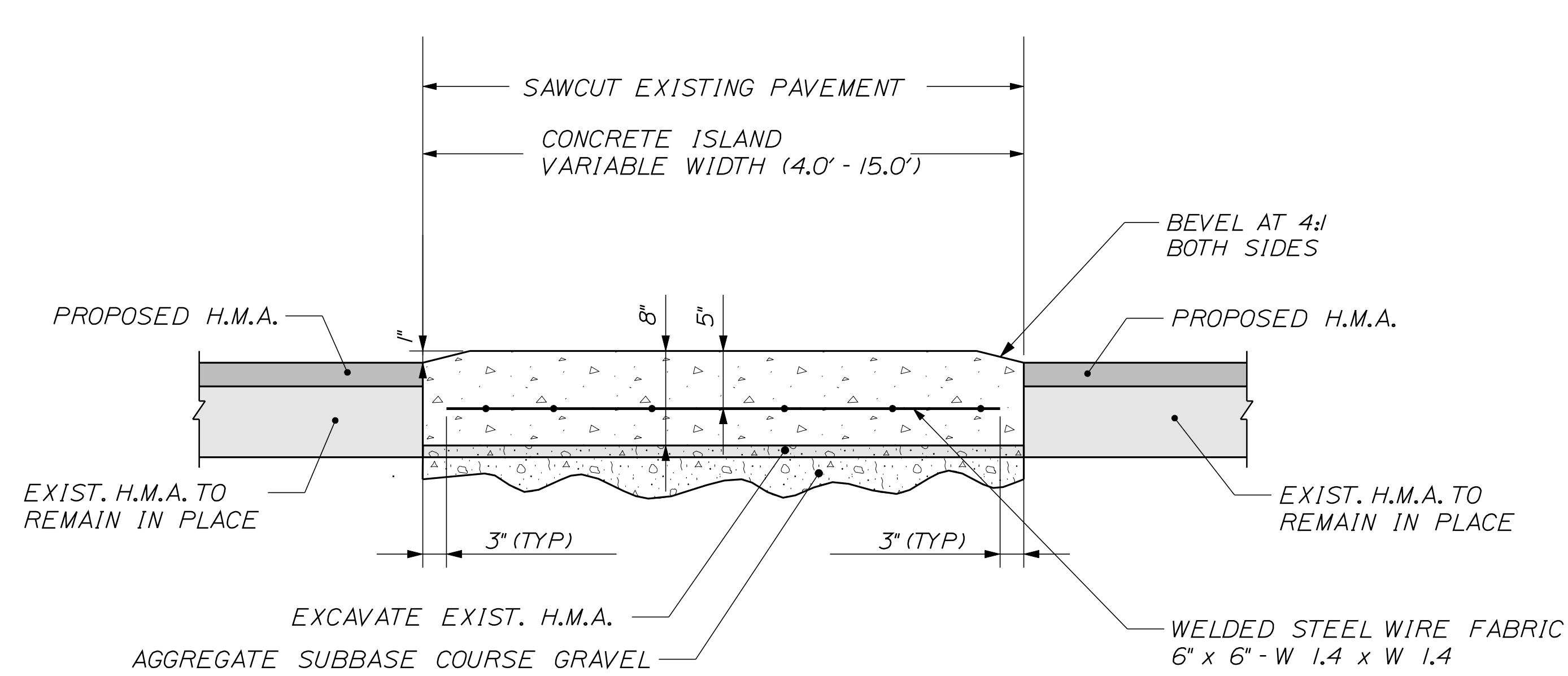
MADISON
 U.S. ROUTE 201 & S.R. 148
 TYPICAL SECTIONS

SHEET NUMBER
 2
 OF 29

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TYPICAL SECTIONS

FLUSH CONCRETE ISLANDS



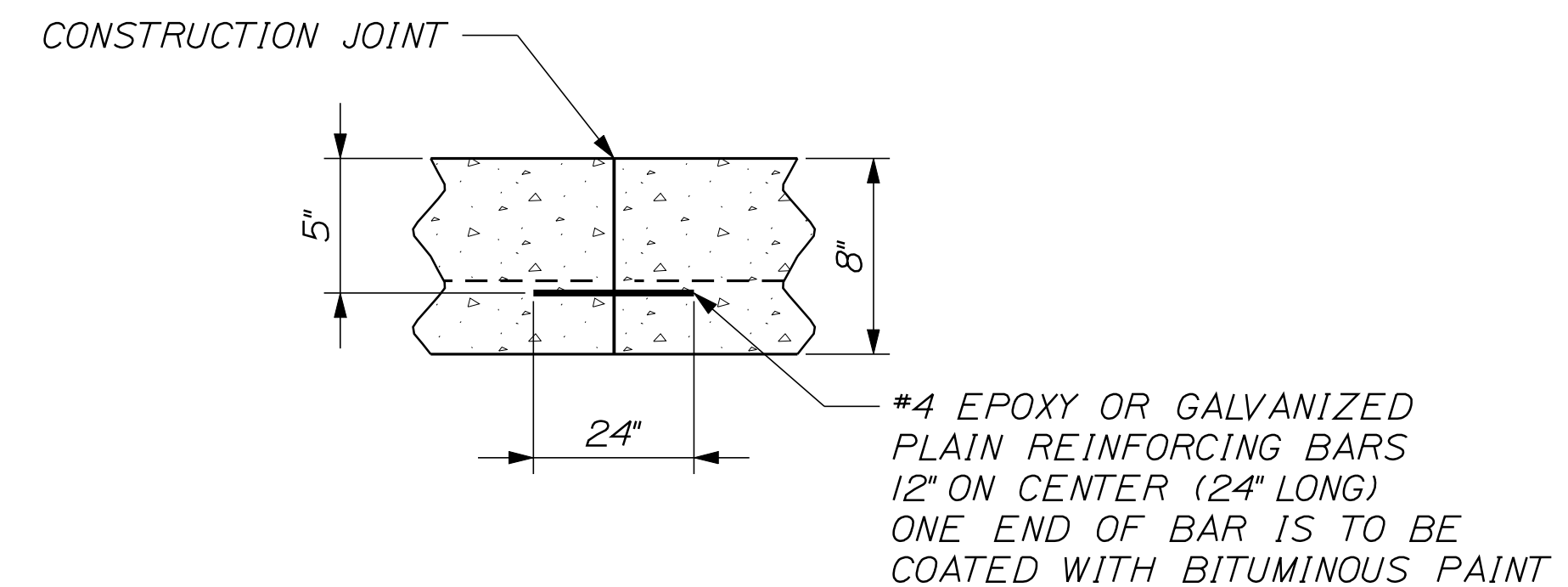
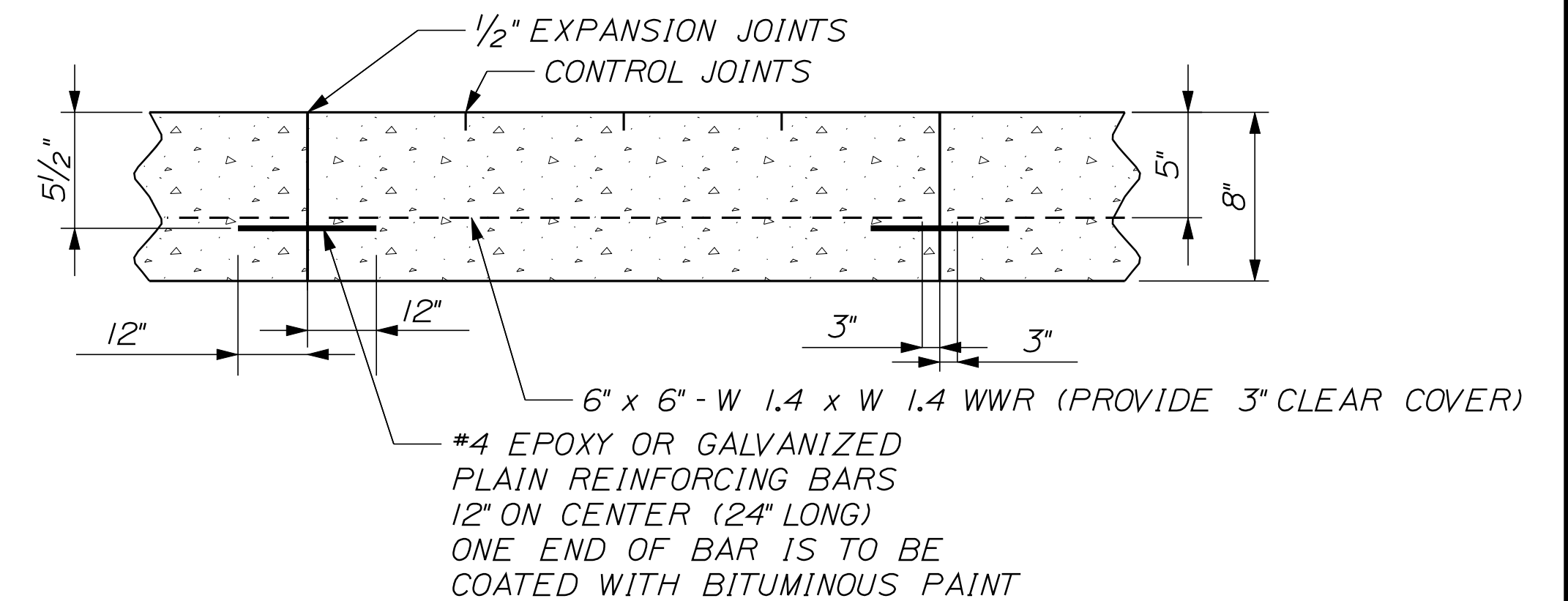
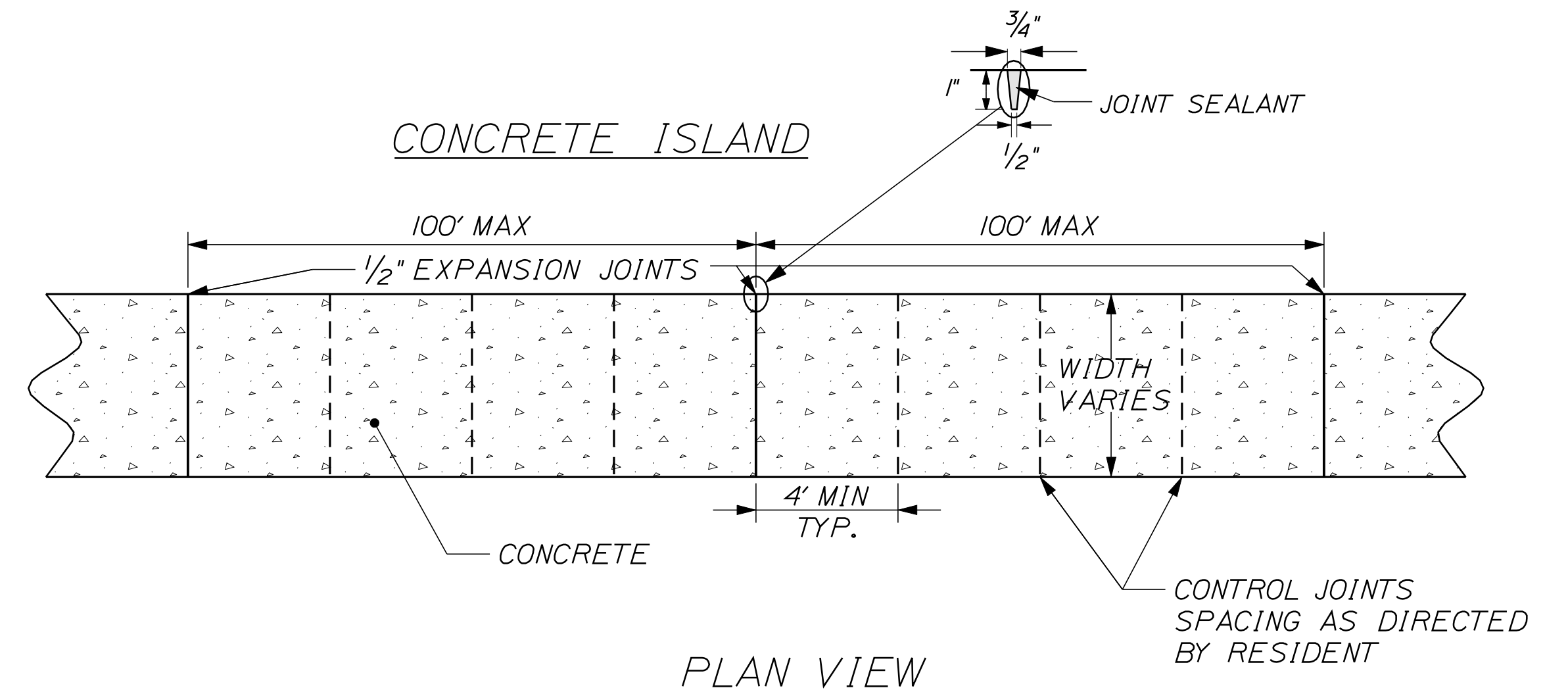
CONCRETE ISLAND

NOT TO SCALE

STA. 6+79.49 TO STA. 11+91.84
STA. 13+35.72 TO STA. 19+62.09

CONCRETE NOTES:

1. SAWCUT PAVEMENT VERTICALLY AND REMOVE THE EXISTING MATERIAL TO SPECIFIED GRAVEL SUBGRADE AS DIRECTED BY THE RESIDENT.
2. H.M.A. MATERIAL THAT IS REMOVED BELOW PROPOSED CONCRETE ISLAND GRADE SHALL BE REPLACED WITH AGGREGATE SUBBASE COURSE - GRAVEL. ALL EXCAVATION AND GRAVEL ITEMS SHALL BE INCIDENTAL TO ITEM 502.341, STRUCTURAL CONCRETE ROADWAY MEDIAN.
3. APPLY A LIGHT COAT OF ASPHALT, TO ACT AS A BOND BREAKER BETWEEN THE CONCRETE AND ADJACENT PAVEMENT.
4. CONSTRUCT CONCRETE MEDIAN WITH CLASS A CONCRETE CONFORMING TO STANDARD SPECIFICATIONS SECTION 502- STRUCTURAL CONCRETE
5. FILL ALL EXPANSION JOINTS AND SEAL WITH AN APPROVED JOINT SEALANT.
6. ALL WORK DESCRIBED, INCLUDING REINFORCEMENT, WILL BE INCIDENTAL TO ITEM 502.341, STRUCTURAL CONCRETE - ROADWAY MEDIAN, UNLESS OTHERWISE NOTED.
7. CONSTRUCT EXPANSION JOINTS AT 100 FT MAX SPACING.
8. CONCRETE PLACEMENT PROCEDURES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND IN CONFORMANCE WITH SECTION 502.
9. CONCRETE SHALL BE COLORED CONFORMING TO STANDARD SPECIFICATIONS SECTION 502- STRUCTURAL CONCRETE



TYPICAL FOR CONSTRUCTION JOINTS
PROFILE VIEW

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

15685.00

PIN
15685.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

DATE
BY
P. MACDONALD
R. MOULTON
T. WHITE

DESIGN-REVIEWED
DESIGN-REVIEWED
DESIGN-REVIEWED

DESIGN-REVIEWED
DESIGN-REVIEWED
DESIGN-REVIEWED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

MADISON
U.S. ROUTE 201 & S.R. 148

TYPICAL SECTIONS

SHEET NUMBER

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OF 29

GENERAL NOTES

1. THE UTILITIES EXISTING WITHIN THIS PROJECT LIMITS ARE AS FOLLOWS: CENTRAL MAINE POWER COMPANY; NORTHERN NEW ENGLAND TELEPHONE OPERATIONS LLC; BEE LINE TV, INC
2. NO UTILITY INVOLVEMENT IS ANTICIPATED.
3. WHERE DEEMED NECESSARY BY THE RESIDENT, UNSUITABLE EXCESS MATERIAL SHALL BE REMOVED FROM THE EDGES OF SHOULDERS AND PLACED IN DESIGNATED AREAS OR DISPOSED OF. PAYMENT WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.
4. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.
5. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.
6. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT. ALL REMAINING OR DISTURBED MATERIAL ON SLOPES OR IN DITCHES ON THE PROJECT SHALL BE CAPABLE OF ATTAINING A GROWTH OF GRASS THAT IS ACCEPTABLE ACCORDING TO STANDARD SPECIFICATION 618.10. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
7. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.
8. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.
9. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.
10. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.
11. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
12. GRASSED ENTRANCES SHALL BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE GRAVEL AND 2" DIRTY BORROW, SEED & MULCH UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
13. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
14. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
15. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
16. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
17. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.
18. IN AREAS WHERE NEW BITUMINOUS CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS CURB SHALL BE INCIDENTAL TO THE NEW CURB.
19. DIRTY BORROW HAS BEEN ESTIMATED FOR ALL DISTURBED SLOPE AREAS OTHER. ACTUAL PLACEMENT OF THE DIRTY BORROW SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
20. SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL SLOPES.
21. DIRTY BORROW SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES UNLESS OTHERWISE NOTED OR DIRECTED.
22. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.
23. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO ALL ISLAND TAPERED ENDS.
24. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO BITUMINOUS CURB ENDS AT DRIVEWAY OPENINGS AS DIRECTED BY THE RESIDENT.
25. ANY BASE PAVEMENT NOT SURFACED BEFORE WINTER WILL REQUIRE TEMPORARY PAVEMENT MARKINGS OF PAINT, BOTH YELLOW CENTERLINE AND WHITE EDGE LINES AND WILL BE CONSIDERED PART OF ITEM 627.76
26. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
27. THE CONTRACTOR IS RESPONSIBLE FOR THE CAREFUL SIDE STAKING OF EXISTING CENTERLINE AS PER STANDARD SPECIFICATION 105.6.2. SIDE STAKES SHALL BE PLACED SAFELY OUTSIDE OF THE CONSTRUCTION LIMITS AND THE EXISTING CENTERLINE GRADES SHALL BE TRANSFERRED TO THESE STAKES, THESE STAKES AND GRADES WILL BE USED TO LAYOUT CENTERLINE AND DETERMINE NEW CONSTRUCTION FINISH GRADES FROM DIFFERENTIAL ELEVATION SHEETS FURNISHED BY MAINEDOT. ALL LAYOUT, STAKES, AND GRADES WILL BE CHECKED AND MUST BE ACCEPTABLE TO THE RESIDENT.
28. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
29. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
30. *UNDETERMINED LOCATIONS* SHALL BE DETERMINED BY THE RESIDENT.
31. STATIONS REFERENCED ARE APPROXIMATE.
32. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
33. MAINEDOT WILL FINAL STRIPE THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR TRANSFERRING THE EXISTING STRIPING PATTERN TO THE SURFACE COURSE.
34. ALL MILLINGS FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

ESTIMATED QUANTITIES

FOR ESTIMATED QUANTITIES, REFER TO THE MOST CURRENT SCHEDULE OF ITEMS IN THE CONTRACT BOOK.

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE		
COMMON EXCAVATION (FROM CROSS SECTIONS)		2,941
EARTH FROM DRIVES, OLD ROAD, ETC.		385
GRUBBING IN FILL		0
LOAM SALVAGE IN FILL		0
UNDERCUT		0
MUCK EXCAVATION		0
CULVERT INLET AND OUTLET DITCHES		0
PAVEMENT SALVAGE IN FILL		0
TOTAL COMMON EXCAVATION		3,326
FILL FOR BORROW CALCULATIONS		
COMMON FILL (FROM CROSS SECTIONS)		0
FILL FOR DRIVES		0
GRUBBING IN FILL		0
LOAM SALVAGE IN FILL		0
UNDERCUT		0
MUCK EXCAVATION		0
PAVEMENT SALVAGE IN FILL		0
TOTAL FILL		0
ROCK EXCAVATION FOR ESTIMATE		
ROCK EXCAVATION (FROM CROSS SECTIONS)		0
ROCK EXCAVATION (BOULDERS)		0
TOTAL ROCK EXCAVATION		0
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS		
(1) TOTAL COMMON EXCAVATION		3,326
DEDUCTIONS:		
GRUBBING IN CUT		0
GRUBBING IN FILL		0
LOAM SALVAGE IN CUT		0
LOAM SALVAGE IN FILL		0
UNDERCUT		0
MUCK EXCAVATION		0
PAVEMENT SALVAGE (CUT & FILL)		0
(2) TOTAL DEDUCTIONS		0
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		3,326
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		0
TOTAL AVAILABLE NON-ROCK EXCAVATION		3,326
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL		
TOTAL AVAIL. WASTE STORAGE AREA (FROM CROSS SECTIONS)		0
GRUBBING IN CUT		0
GRUBBING IN FILL		0
UNDERCUT		0
MUCK EXCAVATION		0
TOTAL WASTE MATERIAL TO BE UTILIZED (LOWER OF TOTAL AVAILABLE WASTE STORAGE AREA OR TOTAL WASTE MATERIAL)		0
TOTAL WASTE MATERIAL TO BE WASTED (TOTAL WASTE MATERIAL MINUS TOTAL WASTE MATERIAL TO BE UTILIZED)		0
COMPUTATION OF GRANULAR BORROW FOR ESTIMATE		
GRANULAR BORROW TO REPLACE MUCK		0
GRANULAR BORROW IN LOW WET AREAS		0
GRANULAR BORROW TO UPGRADE EXCAVATION		0
GRANULAR BORROW TO MAINTAIN TRAFFIC		0
GRANULAR BORROW FOR UNDERCUTTING		0
GRANULAR BORROW =	0 x 1.15 =	0
COMPUTATION FOR COMMON BORROW FOR ESTIMATE		
(3) TOTAL FILL		0
TOTAL AVAIL. NON-ROCK EXCAV.	3,326 x 0.85 =	2,827
TOTAL AVAIL. ROCK EXCAV.	0 x 1.33 =	0
TOTAL AVAIL. STR. ROCK EXCAV.	0 x 1.33 =	0
TOTAL WASTE MATERIAL TO BE UTILIZED	0 x 1 =	0
(4) TOTAL AVAILABLE EXCAVATION		= 2,827
SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL		2,827
SURPLUS MATERIAL =	2827 C.Y.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN
15685.00
HIGHWAY PLANS

DATE	BY	SIGNATURE	P.E. NUMBER	DATE
SEP 2011	R. MOULTON			
	T. WHITE			
	K. BRESKIN			
	REVISIONS 1			
	REVISIONS 2			
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			

MADISON
U.S. ROUTE 201 & S.R. 148
GENERAL NOTES

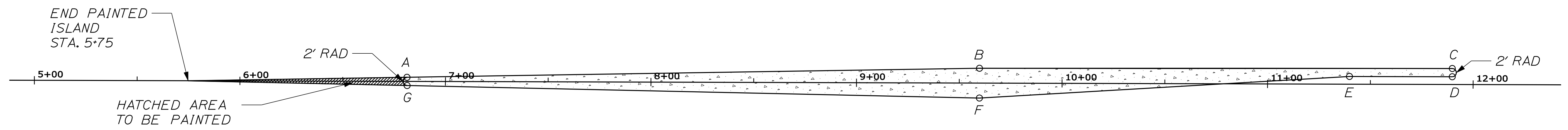
SHEET NUMBER
4
OF 29

Date: 9/22/2011

Username: rhobe.moulton

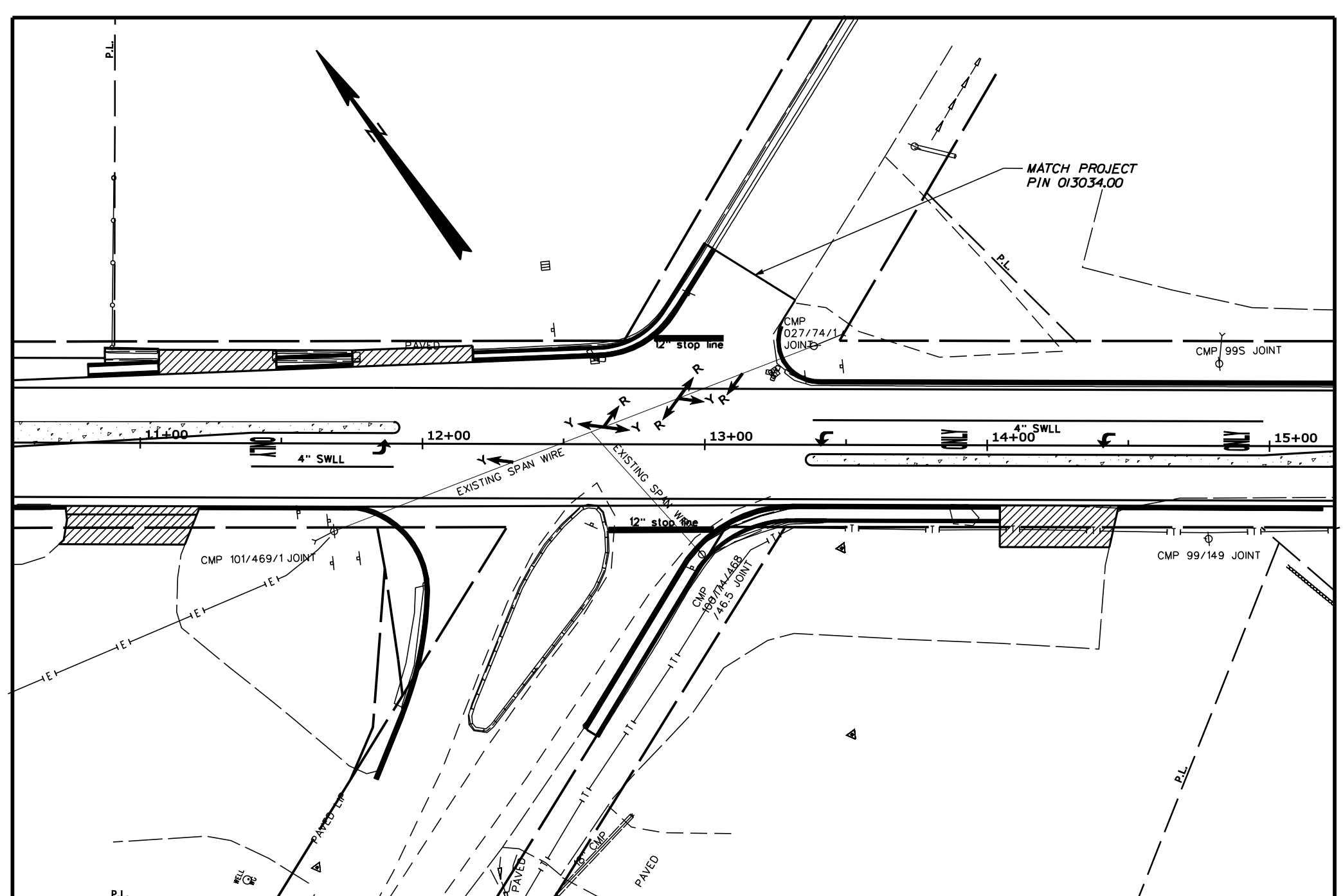
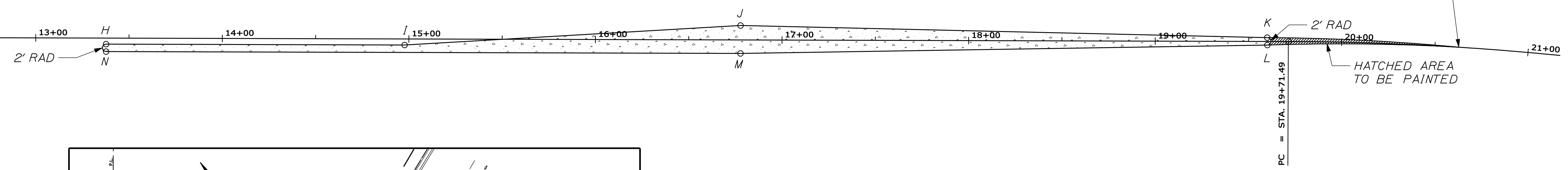
Division: HIGHWAY

Filename: ... \MSTA\005_geometrics.dgn



point	sta	offset	X-coord	Y-coord
A	6+81.30	1.99 LT	1142324.38	723278.18
B	9+59.82	7.19 LT	1142551.96	723117.53
C	11+89.84	7.74 LT	1142737.70	722981.84
D	11+89.84	3.74 LT	1142735.33	722978.61
E	11+39.84	3.74 LT	1142695.03	723008.20
F	9+59.82	7.26 RT	1142543.41	723105.88
G	6+81.37	2.01 RT	1142322.07	723274.91

point	sta	offset	X-coord	Y-coord
H	13+37.72	3.26 RT	1142850.38	722885.45
I	14+97.72	3.26 RT	1142979.35	722790.75
J	16+77.75	7.74 LT	1143130.97	722693.07
K	19+60.06	2.06 LT	1143355.17	722521.41
L	19+60.13	1.94 RT	1143352.86	722518.14
M	16+77.75	7.26 RT	1143122.09	722680.98
N	13+37.72	7.26 RT	1142848.02	722882.22



BEACON PLAN

ALL NEW SIGNAL INDICATIONS SHALL BE 12" LEDs WITH STANDARD VISORS.
 FLASHING BEACON WILL BE PAID AS ITEM 643.60. EXISTING SPAN WIRE AND
 OLD BEACONS TO BECOME THE PROPERTY OF THE TOWN OF MADISON

NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		15685.00	PIN 15685.00	HIGHWAY PLANS
	SIGNATURE	P.E. NUMBER	DATE	
PROJ. MANAGER P. MACDONALD DESIGN-DETAILED R. MOULTON CHECKED-REVIEWED R. MOULTON DESIGN-DETAILED K. BRESKIN DESIGN-DETAILED T. WHITE REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	R. MOULTON K. BRESKIN T. WHITE	 	 	SEP. 2011
MADISON U.S. ROUTE 201 & S.R. 148		GEOMETRICS & BEACON PLAN		
SHEET NUMBER		5		
		OF 29		

Maine Department of Transportation Soil/Back Exploration Log US CUSTOMARY UNITS		Project: Intersection Routes U.S. 201A and S.R.148 Location: Madison, Maine		Boring No.: HB-MAD1-101 PIN: 15685_00	
Driller: MainDOT	Elevation (ft.):	Auger ID/OD: 5" Dia.	Operator: Giguere/Giles/Bogett	Date: NAD88	Sampler: Off Flights
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A	Date Start/Finish: 8/10/10-8/10/10	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location: 11+50, 19.0 Rt.	Casing ID/OD: N/A	Water Level: None Observed	Definitions: S = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample V = In Situ Vane Shear Test SA = Solid Stem Auger		
Sample Information: Sample No., Pen./Rec. (in.), Sample Depth (ft.), Blow (1/8 in. Shear Strength) (lb/ft ² or RFD (%)), Penetration, Casing Blows, Elevation (ft.), Organic Log		Visual Description and Remarks: PAVEMENT: 0-30 Black, damp, fine to coarse SAND, trace silt. 30-50 Light brown, moist, SILT, little fine sand.		Laboratory Testing Results/ASHTO and Unified Class	
Remarks: PC-1: (Pavement Core) Station 11+50, 7.0' Rt. PC-3: (0.65' Pavement Core) Station 1400, 8.0' Rt.		Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.		Page 1 of 1 Boring No.: HB-MAD1-101	

Maine Department of Transportation Soil/Back Exploration Log US CUSTOMARY UNITS		Project: Intersection Routes U.S. 201A and S.R.148 Location: Madison, Maine		Boring No.: HB-MAD1-102 PIN: 15685_00	
Driller: MainDOT	Elevation (ft.):	Auger ID/OD: 5" Dia.	Operator: Giguere/Giles/Bogett	Date: NAD88	Sampler: Off Flights
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A	Date Start/Finish: 8/10/10-8/10/10	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location: 10+20, 20.0 Rt.	Casing ID/OD: N/A	Water Level: None Observed	Definitions: S = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample V = In Situ Vane Shear Test SA = Solid Stem Auger		
Sample Information: Sample No., Pen./Rec. (in.), Sample Depth (ft.), Blow (1/8 in. Shear Strength) (lb/ft ² or RFD (%)), Penetration, Casing Blows, Elevation (ft.), Organic Log		Visual Description and Remarks: PAVEMENT: 0-40 Brown, damp, gravelly, fine to coarse SAND, trace silt. 40-50 Light brown, moist, SILT, little fine sand.		Laboratory Testing Results/ASHTO and Unified Class	
Remarks: PC-1: (Pavement Core) Station 11+50, 7.0' Rt. PC-3: (0.65' Pavement Core) Station 1400, 8.0' Rt.		Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.		Page 1 of 1 Boring No.: HB-MAD1-102	

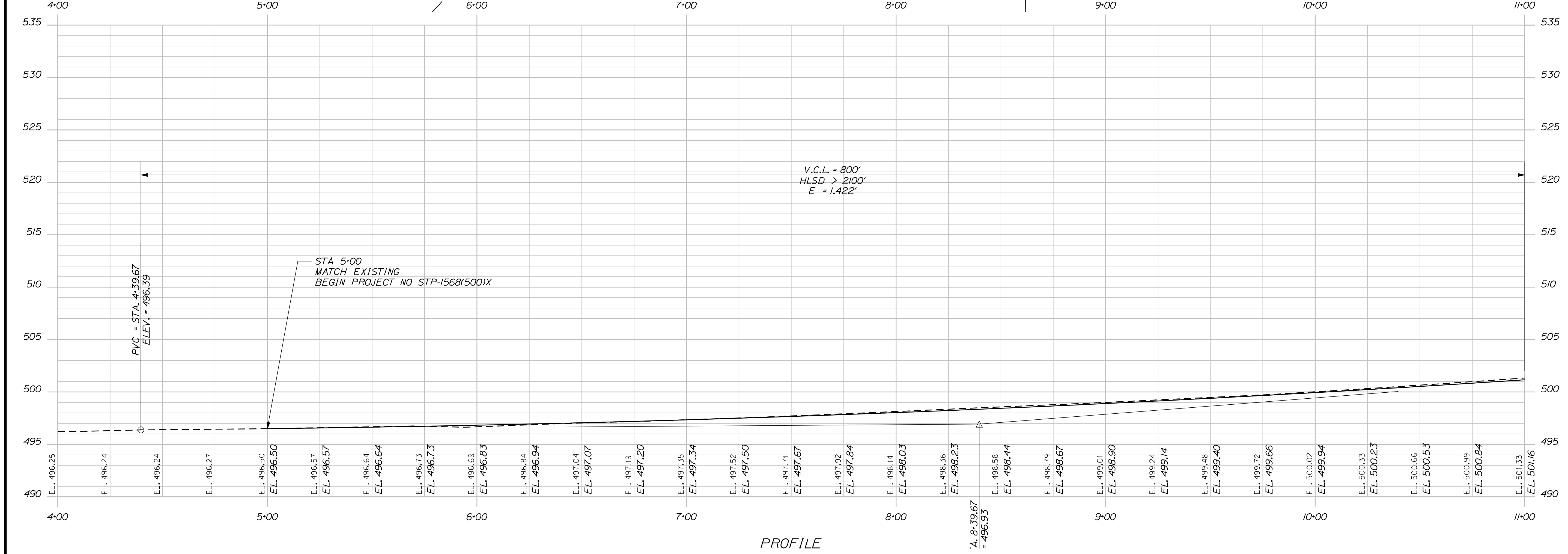
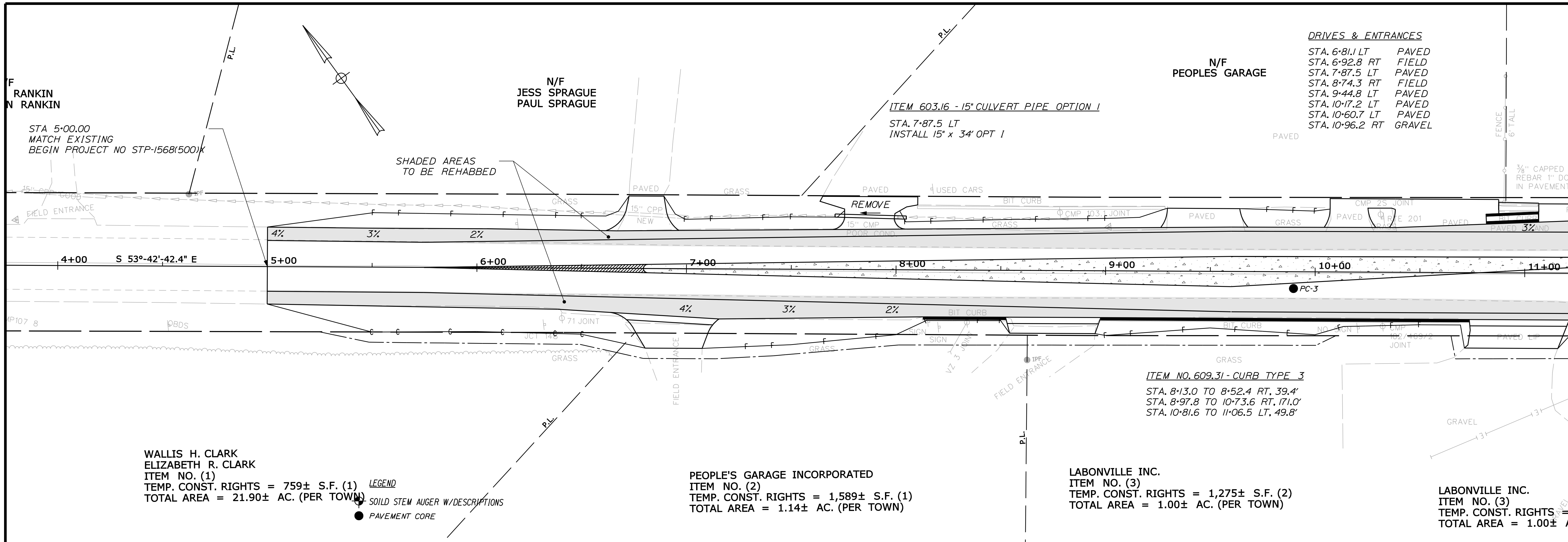
Maine Department of Transportation Soil/Back Exploration Log US CUSTOMARY UNITS		Project: Intersection Routes U.S. 201A and S.R.148 Location: Madison, Maine		Boring No.: HB-MAD1-103 PIN: 15685_00	
Driller: MainDOT	Elevation (ft.):	Auger ID/OD: 5" Dia.	Operator: Giguere/Giles/Bogett	Date: NAD88	Sampler: Off Flights
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A	Date Start/Finish: 8/10/10-8/10/10	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location: 31+00, 16.5 Lt.	Casing ID/OD: N/A	Water Level: None Observed	Definitions: S = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample V = In Situ Vane Shear Test SA = Solid Stem Auger		
Sample Information: Sample No., Pen./Rec. (in.), Sample Depth (ft.), Blow (1/8 in. Shear Strength) (lb/ft ² or RFD (%)), Penetration, Casing Blows, Elevation (ft.), Organic Log		Visual Description and Remarks: PAVEMENT: 0-40 Brown, damp, gravelly, fine to coarse SAND, trace silt. 40-50 Olive, wet, SILT, trace fine sand.		Laboratory Testing Results/ASHTO and Unified Class	
Remarks: PC-1: (Pavement Core) Station 11+50, 7.0' Rt. PC-3: (0.65' Pavement Core) Station 1400, 8.0' Rt.		Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.		Page 1 of 1 Boring No.: HB-MAD1-103	

Maine Department of Transportation Soil/Back Exploration Log US CUSTOMARY UNITS		Project: Intersection Routes U.S. 201A and S.R.148 Location: Madison, Maine		Boring No.: HB-MAD1-104 PIN: 15685_00	
Driller: MainDOT	Elevation (ft.):	Auger ID/OD: 5" Dia.	Operator: Giguere/Giles/Bogett	Date: NAD88	Sampler: Off Flights
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A	Date Start/Finish: 8/10/10-8/10/10	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location: 31+90, 14.0 Rt.	Casing ID/OD: N/A	Water Level: None Observed	Definitions: S = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample V = In Situ Vane Shear Test SA = Solid Stem Auger		
Sample Information: Sample No., Pen./Rec. (in.), Sample Depth (ft.), Blow (1/8 in. Shear Strength) (lb/ft ² or RFD (%)), Penetration, Casing Blows, Elevation (ft.), Organic Log		Visual Description and Remarks: PAVEMENT: 0-50 Brown, damp, gravelly, fine to coarse SAND, trace silt. 50-3.60 Olive, wet, SILT, trace fine sand.		Laboratory Testing Results/ASHTO and Unified Class	
Remarks: PC-2 (0.6' Pavement Core) Station 31+90, 9.0' Rt.		Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.		Page 1 of 1 Boring No.: HB-MAD1-104	

Maine Department of Transportation Soil/Back Exploration Log US CUSTOMARY UNITS		Project: Intersection Routes U.S. 201A and S.R.148 Location: Madison, Maine		Boring No.: HB-MAD1-105 PIN: 15685_00	
Driller: MainDOT	Elevation (ft.):	Auger ID/OD: 5" Dia.	Operator: Giguere/Giles/Bogett	Date: NAD88	Sampler: Off Flights
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A	Date Start/Finish: 8/10/10-8/10/10	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location: 9+75, 47.0 Lt.	Casing ID/OD: N/A	Water Level: None Observed	Definitions: S = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample V = In Situ Vane Shear Test SA = Solid Stem Auger		
Sample Information: Sample No., Pen./Rec. (in.), Sample Depth (ft.), Blow (1/8 in. Shear Strength) (lb/ft ² or RFD (%)), Penetration, Casing Blows, Elevation (ft.), Organic Log		Visual Description and Remarks: PAVEMENT: 0-50 Brown, damp, gravelly, fine to coarse SAND, trace silt. 50-1.20 Light brown, moist, SILT, little fine sand.		Laboratory Testing Results/ASHTO and Unified Class	
Remarks: PC-2 (0.6' Pavement Core) Station 31+90, 9.0' Rt.		Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.		Page 1 of 1 Boring No.: HB-MAD1-105	

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		15685.00	
HIGHWAY PLANS		PIN 15685.00	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
PROJ. MANAGER	P. MACDONALD	BY	T. WHITE
CHECKED-REVIEWED	K. BRESKIN	DATE	MAY 2011
DESIGNS DET. TAILED	K. BRESKIN	DESIGN REVIEWED	T. WHITE
REVISIONS 1		REVISIONS 2	
REVISIONS 3		REVISIONS 4	
FIELD CHANGES			
MADISON U.S. ROUTE 201 & S.R. 148 BORING LOGS			
SHEET NUMBER 6 OF 29			

Filename: ... \highway\msta\007_HDPLAN1.DGN Division: HIGHWAY Username: rhobe.moulton Date: 9/9/2011



DRIVES & ENTRANCES

STA. 6+81.1	LT	PAVED
STA. 6+92.8	RT	FIELD
STA. 7+87.5	LT	PAVED
STA. 8+74.3	RT	FIELD
STA. 9+44.8	LT	PAVED
STA. 10+17.2	LT	PAVED
STA. 10+60.7	LT	PAVED
STA. 10+96.2	RT	GRAVEL

WALLIS H. CLARK
ELIZABETH R. CLARK
ITEM NO. (1)
TEMP. CONST. RIGHTS = 759± S.F. (1)
TOTAL AREA = 21.90± AC. (PER TOWN)

PEOPLE'S GARAGE INCORPORATED
ITEM NO. (2)
TEMP. CONST. RIGHTS = 1,589± S.F. (1)
TOTAL AREA = 1.14± AC. (PER TOWN)

LABONVILLE INC.
ITEM NO. (3)
TEMP. CONST. RIGHTS = 1,275± S.F. (2)
TOTAL AREA = 1.00± AC. (PER TOWN)

LABONVILLE INC.
ITEM NO. (3)
TEMP. CONST. RIGHTS = 1,275± S.F. (2)
TOTAL AREA = 1.00± AC. (PER TOWN)

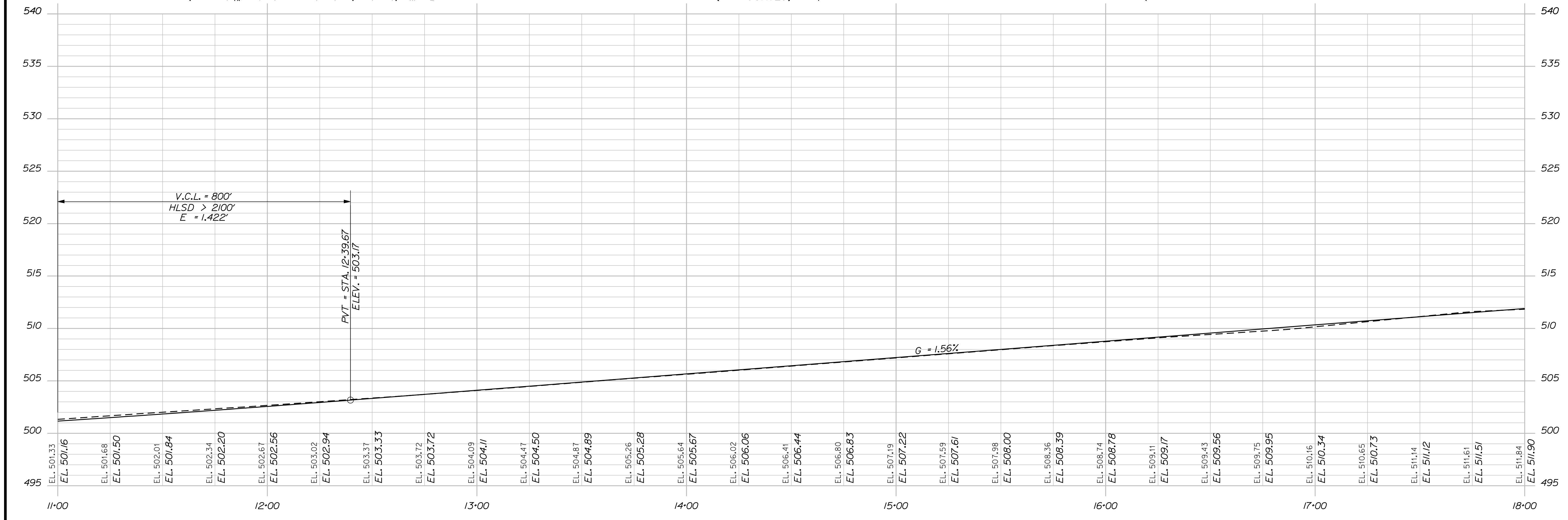
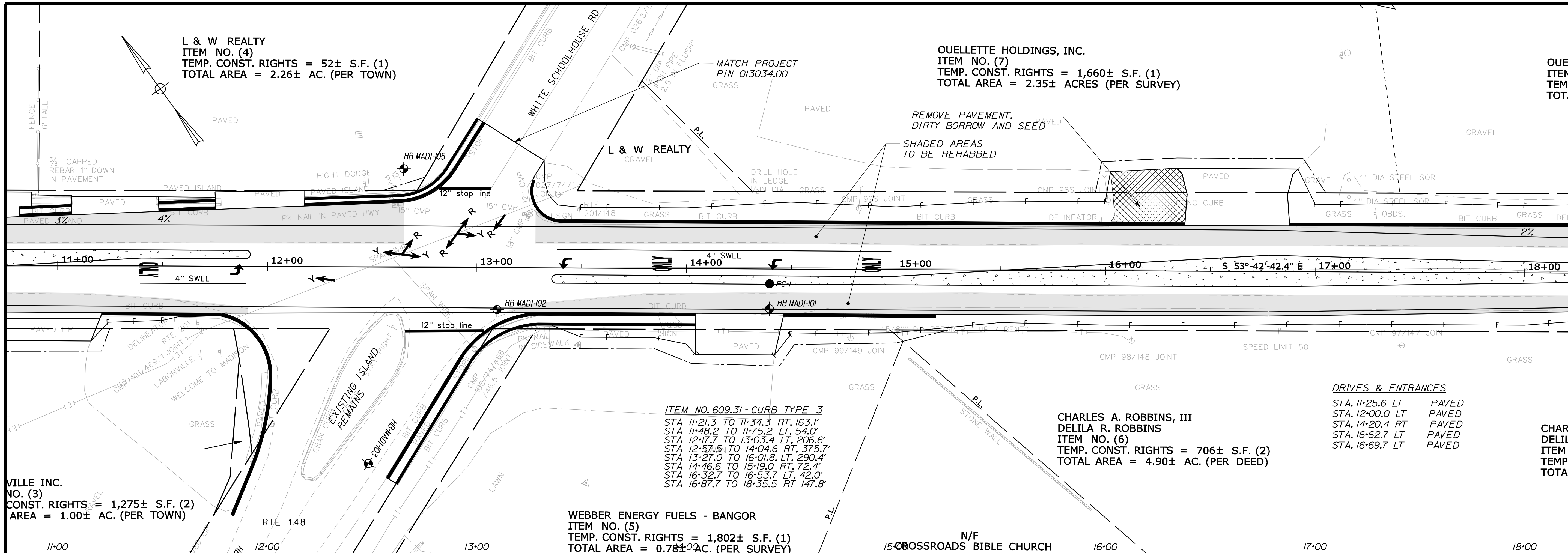
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION
PIN 15685.00		HIGHWAY PLANS
MADISON		SHEET NUMBER
U.S. ROUTE 201 & S.R. 148		7
PLANS		OF 29
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	R. MOULTON	SEP. 2011
CHECKED-REVIEWED	T. WHITE	
DESIGN-DETAILED	T. WHITE	
DESIGN-DETAILED	T. WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \highway\msta\008_HDPLAN2.DGN



VILLE INC.
 NO. (3)
 CONST. RIGHTS = 1,275± S.F. (2)
 AREA = 1.00± AC. (PER TOWN)

L & W REALTY
 ITEM NO. (4)
 TEMP. CONST. RIGHTS = 52± S.F. (1)
 TOTAL AREA = 2.26± AC. (PER TOWN)

WEBBER ENERGY FUELS - BANGOR
 ITEM NO. (5)
 TEMP. CONST. RIGHTS = 1,802± S.F. (1)
 TOTAL AREA = 0.78± AC. (PER SURVEY)

ITEM NO. 609.31 - CURB TYPE 3
 STA 11+21.3 TO 11+34.3 RT, 163.1'
 STA 11+48.2 TO 11+75.2 LT, 54.0'
 STA 12+17.7 TO 13+03.4 LT, 206.6'
 STA 12+57.5 TO 14+04.6 RT, 375.7'
 STA 13+27.0 TO 16+01.8 LT, 290.4'
 STA 14+46.6 TO 15+19.0 RT, 72.4'
 STA 16+32.7 TO 16+53.7 LT, 42.0'
 STA 16+87.7 TO 18+35.5 RT, 147.8'

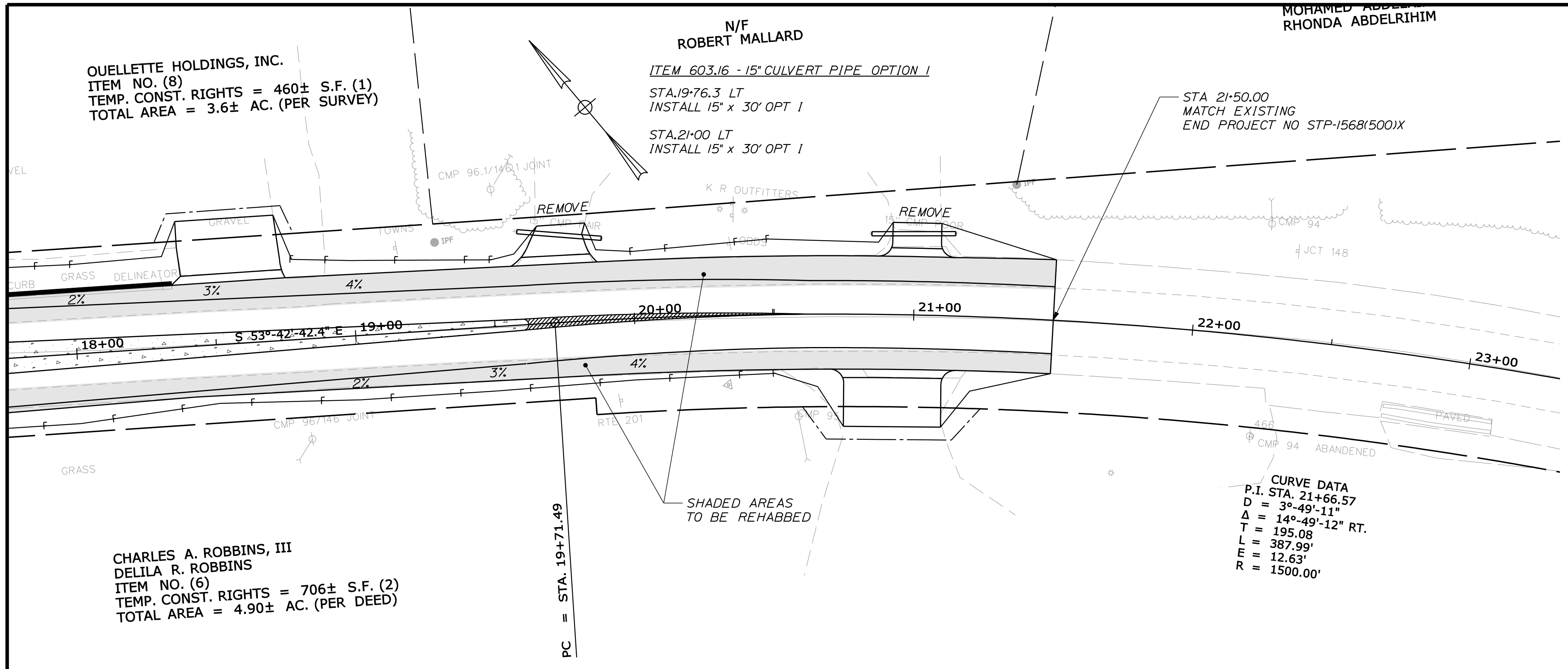
OUELLETTE HOLDINGS, INC.
 ITEM NO. (7)
 TEMP. CONST. RIGHTS = 1,660± S.F. (1)
 TOTAL AREA = 2.35± ACRES (PER SURVEY)

CHARLES A. ROBBINS, III
 DELILA R. ROBBINS
 ITEM NO. (6)
 TEMP. CONST. RIGHTS = 706± S.F. (2)
 TOTAL AREA = 4.90± AC. (PER DEED)

DRIVES & ENTRANCES
 STA. 11+25.6 LT PAVED
 STA. 12+00.0 LT PAVED
 STA. 14+20.4 RT PAVED
 STA. 16+62.7 LT PAVED
 STA. 16+69.7 LT PAVED

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		PIN 15685.00		HIGHWAY PLANS	
MADISON		U.S. ROUTE 201 & S.R. 148		PLANS		SHEET NUMBER	
CHARL DELILA		ITEM		TOTAL		8	
DATE		BY		SIGNATURE		P.E. NUMBER	
SEP. 2011		P. MACDONALD		T. WHITE			
DESIGN DETAILED		R. MOULTON		T. WHITE		DATE	
CHECKED/REVIEWED		K. BRESLIN				REVISIONS 1	
DESIGN DETAILED						REVISIONS 2	
REVISIONS 1						REVISIONS 3	
REVISIONS 2						REVISIONS 4	
REVISIONS 3						FIELD CHANGES	
REVISIONS 4							
FIELD CHANGES							

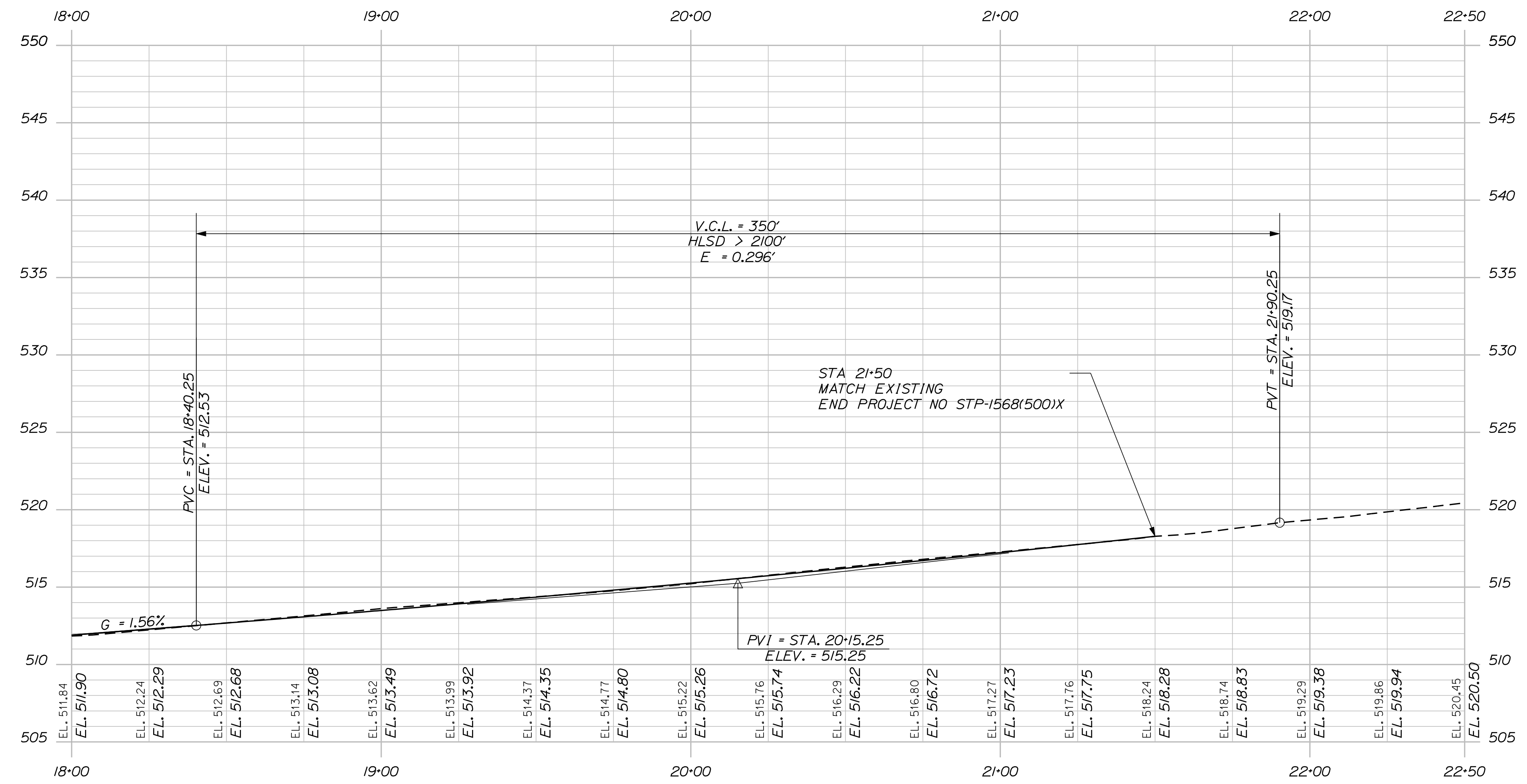
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DRIVES & ENTRANCES

STA. 18+55.2 LT	GRAVEL
STA. 19+76.3 LT	GRAVEL
STA. 20+90.9 RT	GRAVEL
STA. 21+00.0 LT	GRAVEL

CURVE DATA
 P.I. STA. 21+66.57
 D = 3°-49'-11"
 Δ = 14°-49'-12" RT.
 T = 195.08
 L = 387.99'
 E = 12.63'
 R = 1500.00'



SUPERELEVATION TABLE

-4.0	-2.0	18+50	-2.0	-2.0
-4.0	-0.8	19+00	-2.0	-2.0
-4.0	+0.3	+50	-2.0	-3.0
-4.0	+1.4	20+00	-2.0	-4.0
-4.0	+2.5	+50	-2.5	-4.0
-2.0	+2.5	21+00	-2.5	-4.0
MATCH		+50	MATCH	

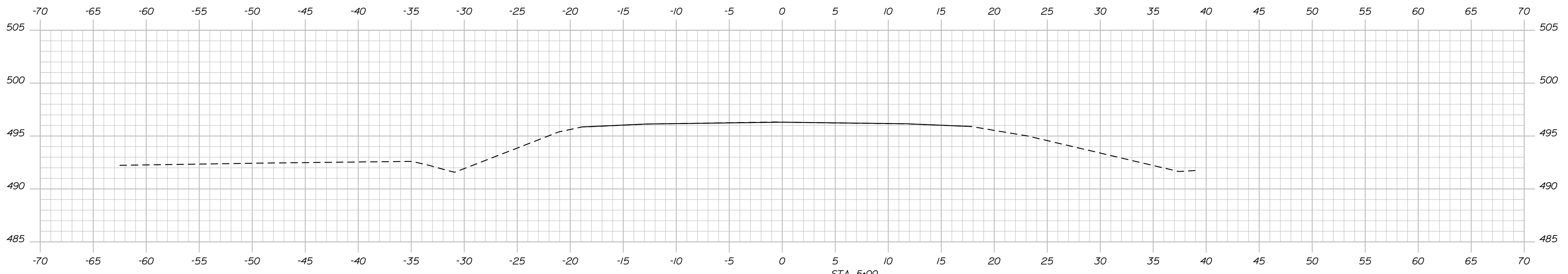
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	PIN 15685.00	HIGHWAY PLANS
MADISON U.S. ROUTE 201 & S.R. 148	PLANS	
SHEET NUMBER 9	OF 29	

Date: 9/9/2011

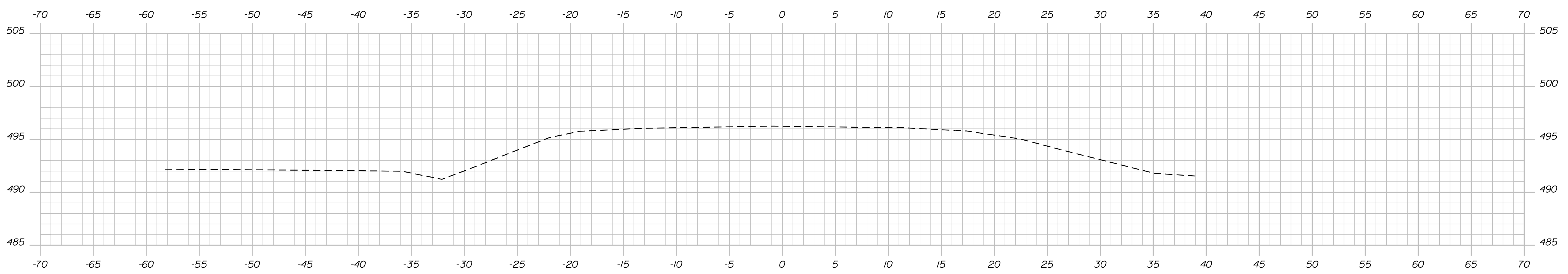
Username: rhobe.moulton

Division: HIGHWAY

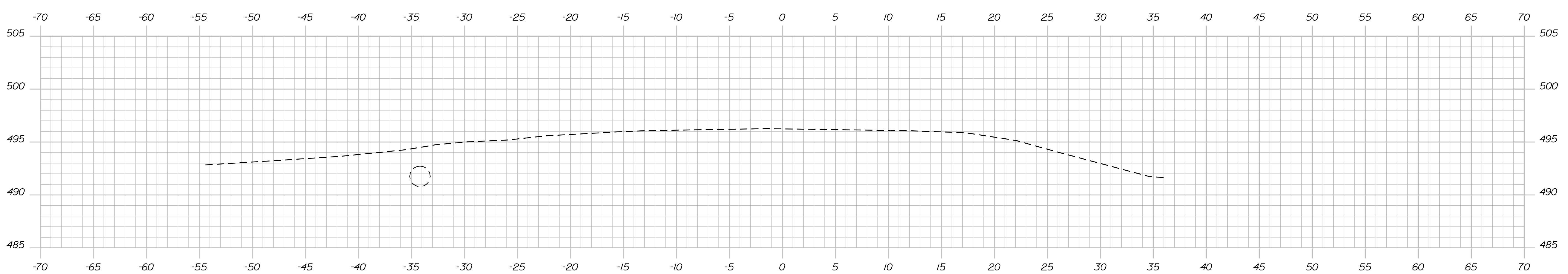
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5+00.00
 STA 5+00
 MATCH EXISTING
 BEGIN PROJECT NO STP-1568(500)X



4+50.00



4+02.78

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 15685.00
 PIN
 15685.00
 HIGHWAY PLANS

SIGNATURE
 P.E. NUMBER
 DATE

PROJ. MANAGER	P. MACDONALD	BY	DATE
CHECKED-REVIEWED	R. MOULTON	R. MOULTON	SEP. 2011
DESIGN DETAILED	K. BRESKIN	T. WHITE	
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

MADISON
 U.S. ROUTE 201 & S.R. 148
 CROSS SECTIONS

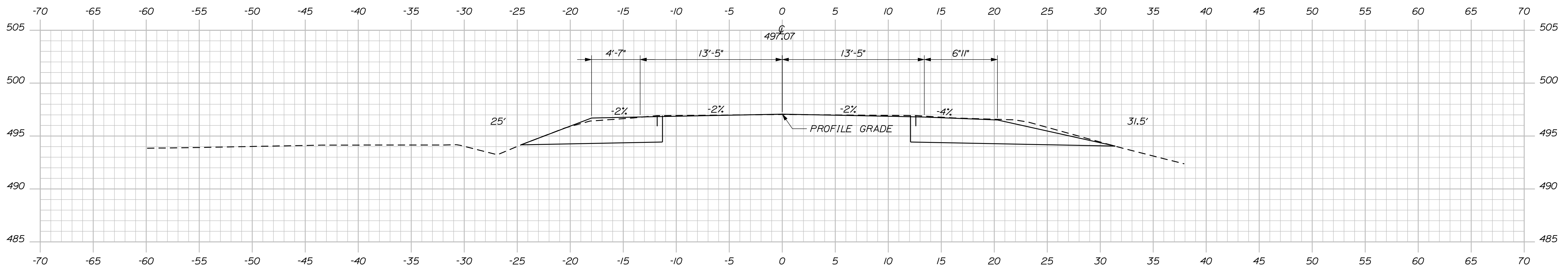
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 10
 OF 29

Date: 9/9/2011

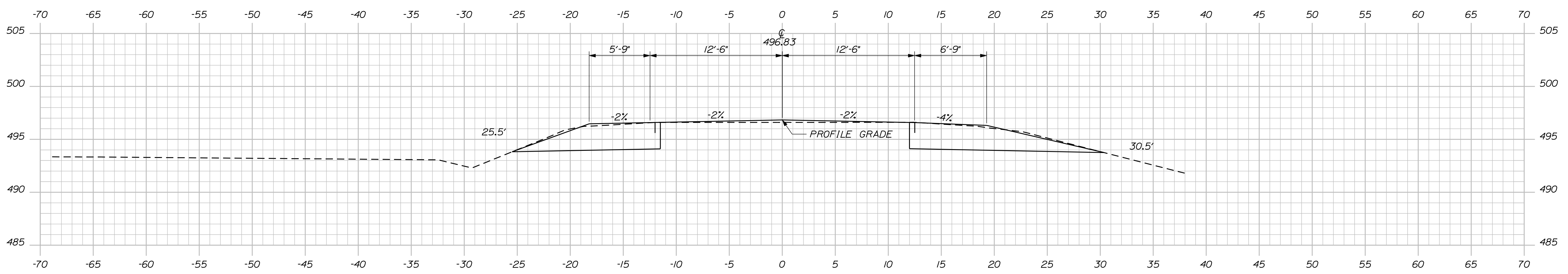
Username: rhobe.moulton

Division: HIGHWAY

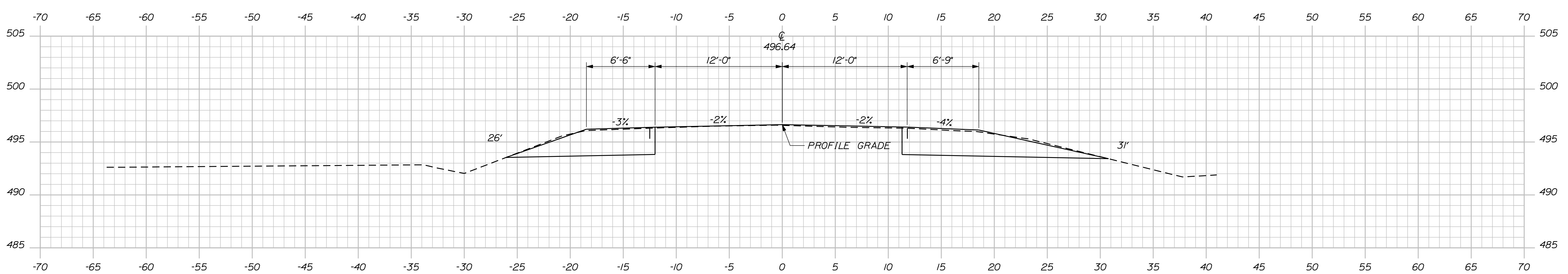
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6+50.00



6+00.00



5+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN
15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADDONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED		
DESIGN DET AILED	K. BRESKIN	T. WHITE
DESIGN DET AILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

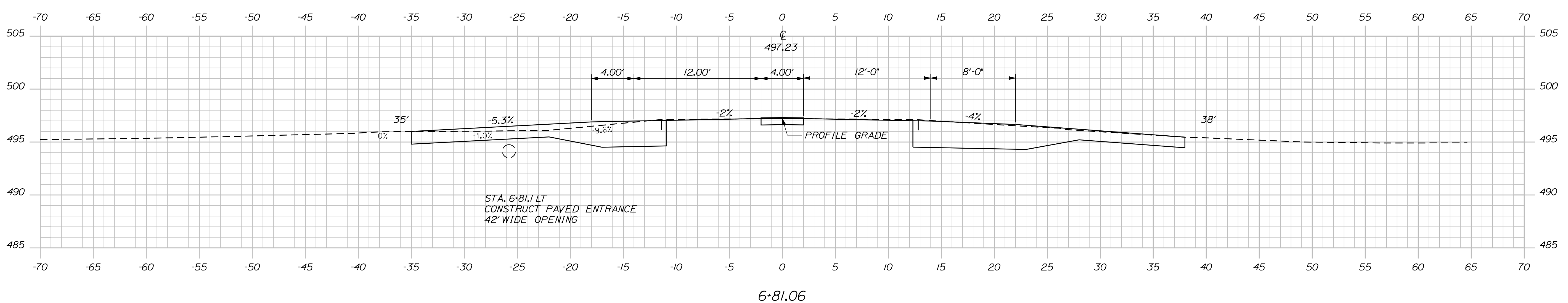
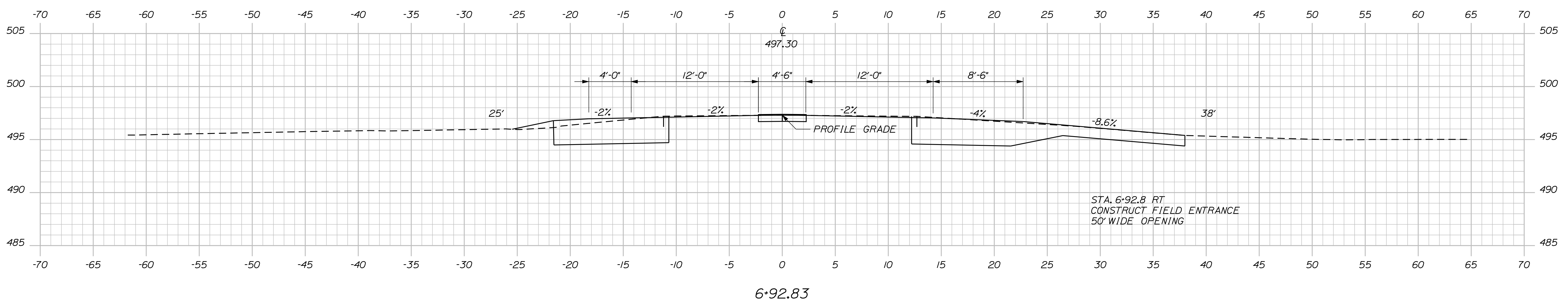
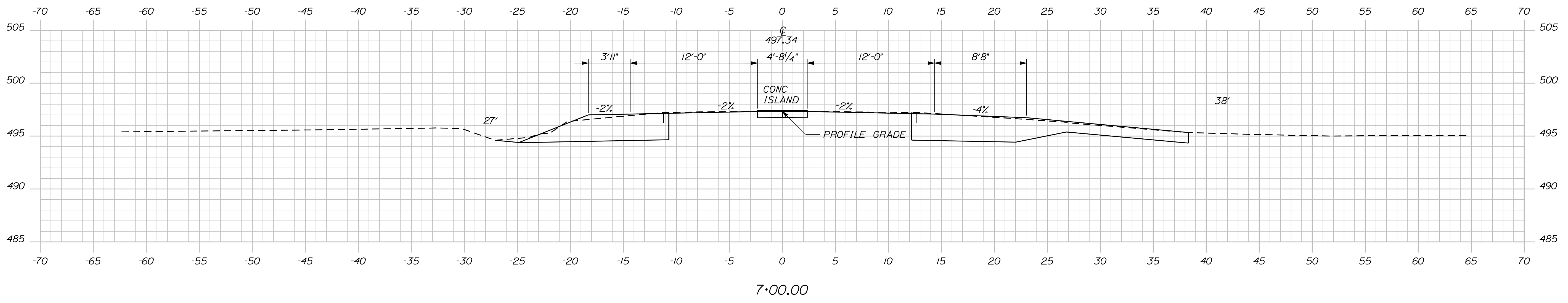
SHEET NUMBER
11
OF 29

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MACDONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
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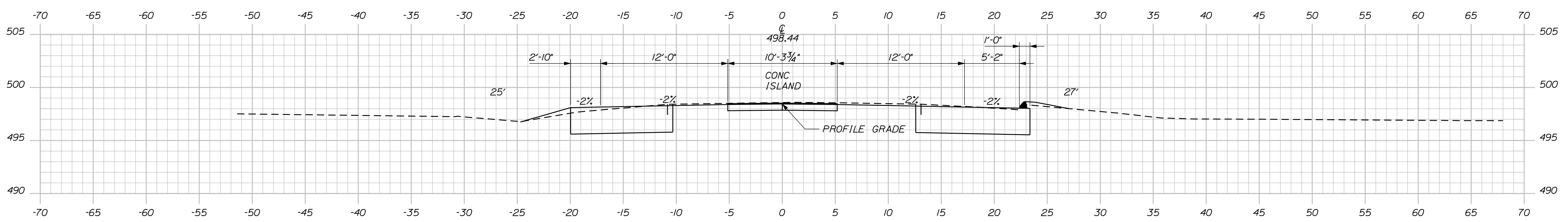
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OF 29

Date: 9/9/2011

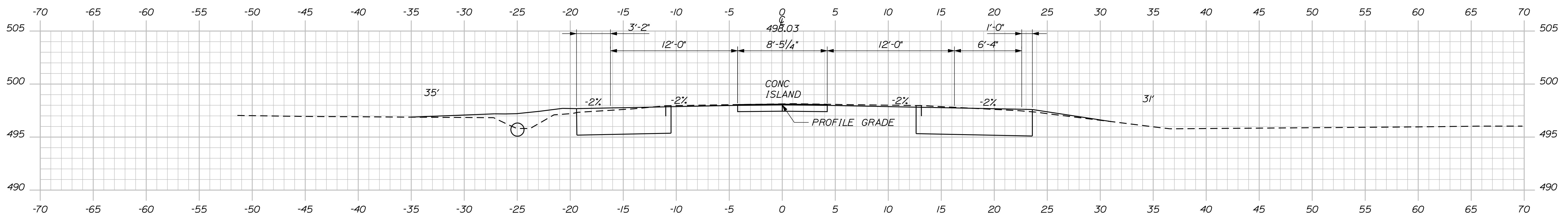
Username: rhobe.moulton

Division: HIGHWAY

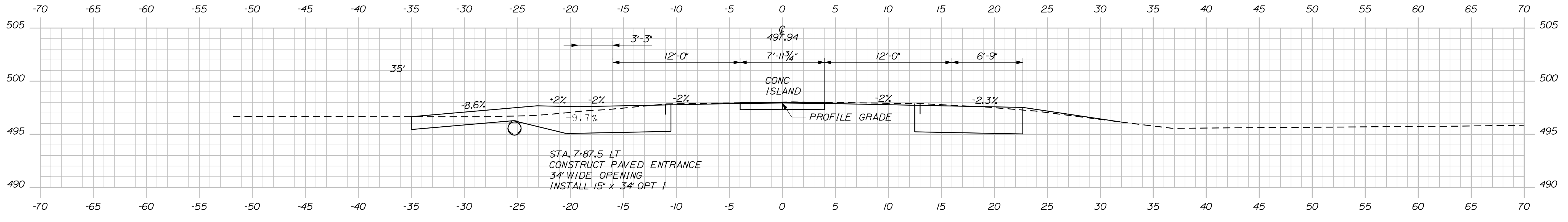
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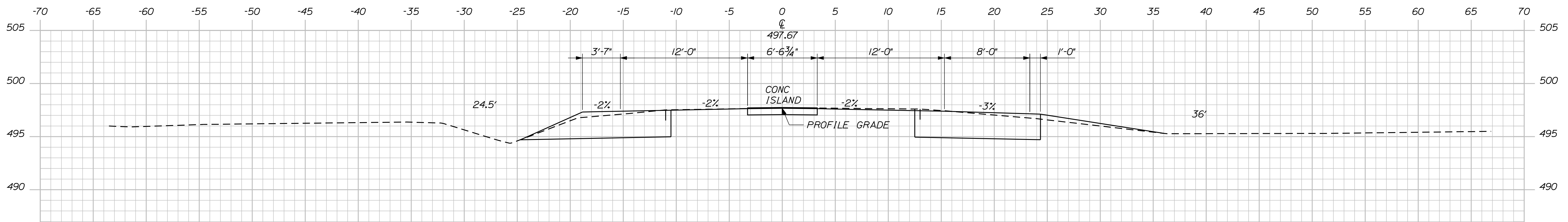
8+50.00



8+00.00



7+87.48



7+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
P. MADDONALD	R. MOULTON	SEP. 2011			
CHECKED-REVIEWED					
DESIGNS DET. AILED	K. BRESKIN				
DESIGNS DET. AILED	T. WHITE				
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

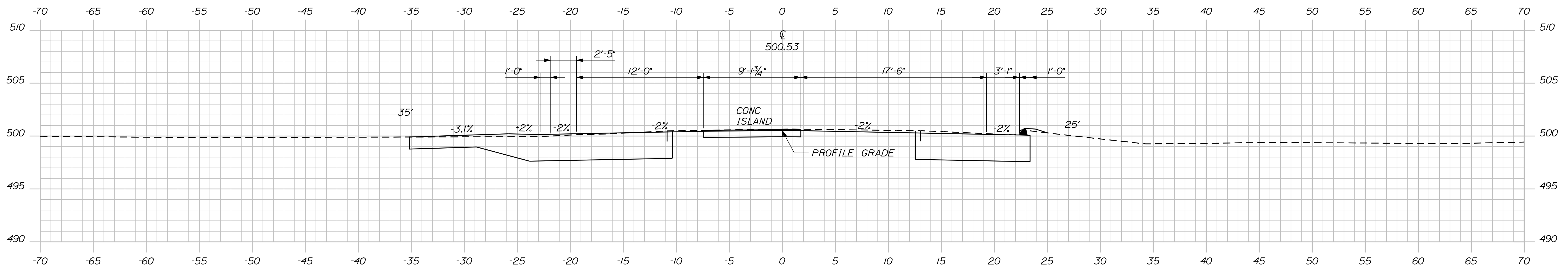
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OF 29

Date: 9/9/2011

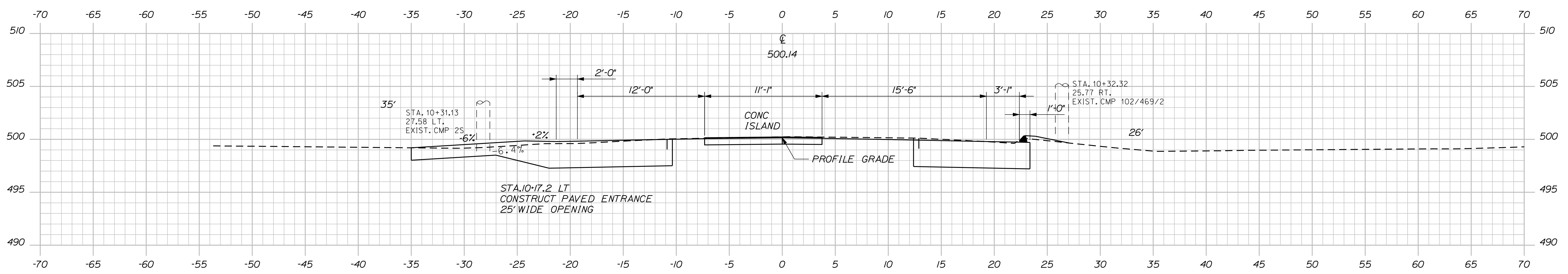
Username: rhobe.moulton

Division: HIGHWAY

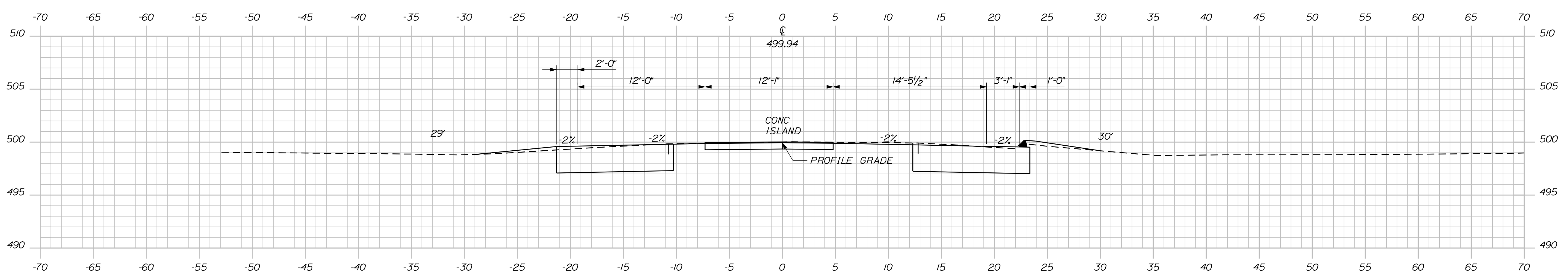
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10+50.00



10+17.19



10+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	DATE	BY
P. MADDONALD	SEP 2011	R. MOULTON
CHECKED-REVIEWED		T. WHITE
DESIGN DET. CHECKED		K. BRESKIN
DESIGN DET. CHECKED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

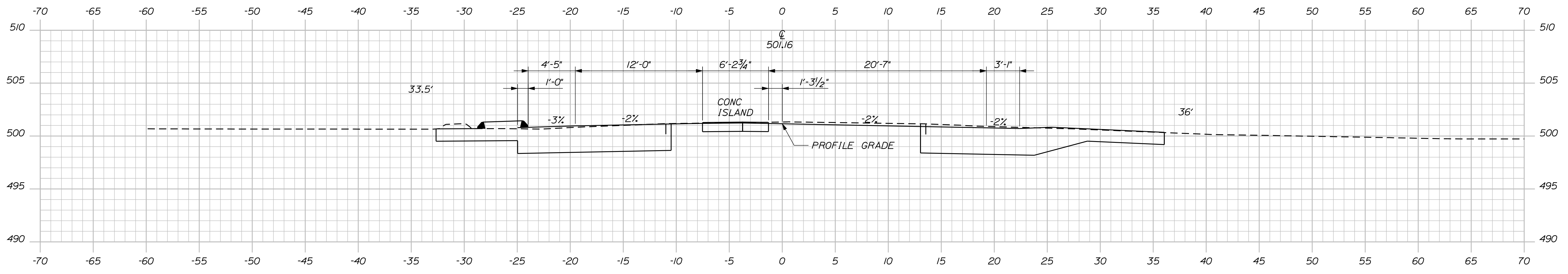
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15
OF 29

Date: 9/9/2011

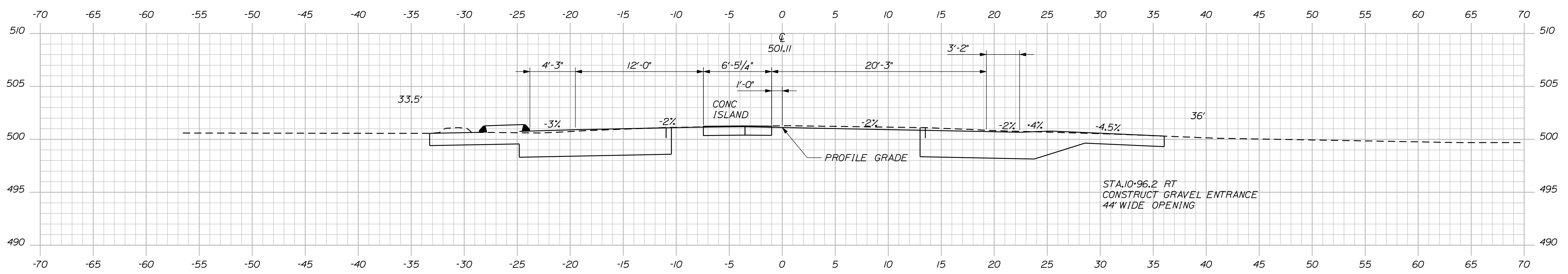
Username: rhobe.moulton

Division: HIGHWAY

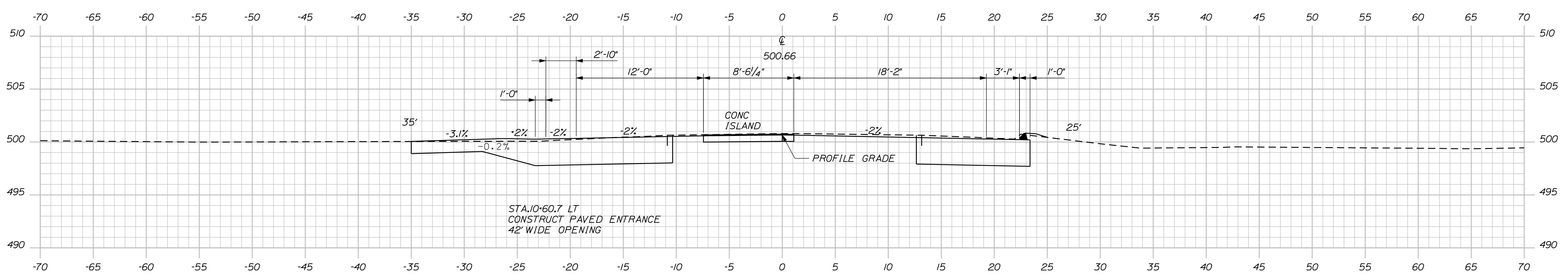
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11+00.00



10+96.20



10+60.69

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN
15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED	DESIGNED	DESIGNED
R. MOULTON	K. BRESLIN	T. WHITE
DESIGN DET. FAILED	DESIGN DET. FAILED	DESIGN DET. FAILED
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

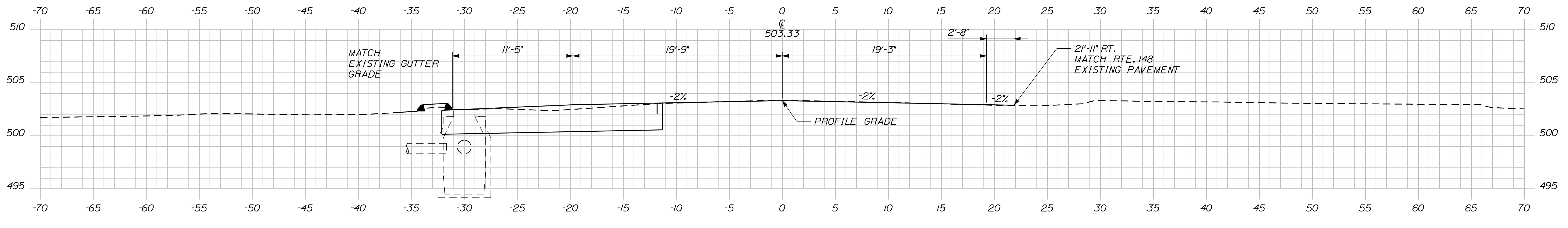
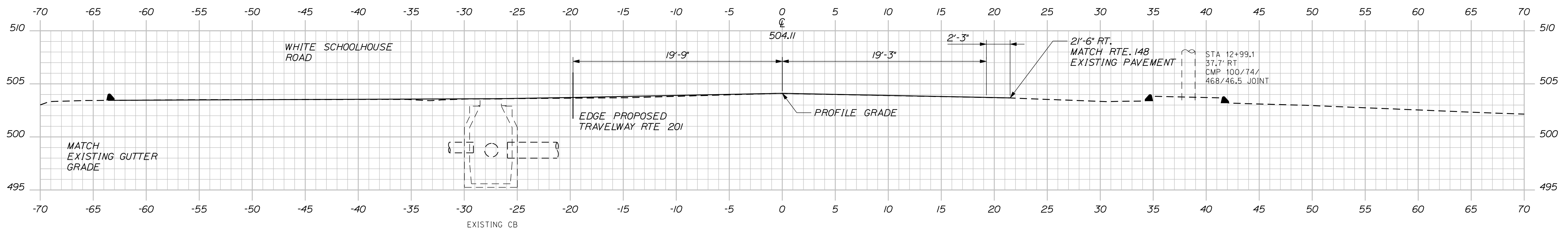
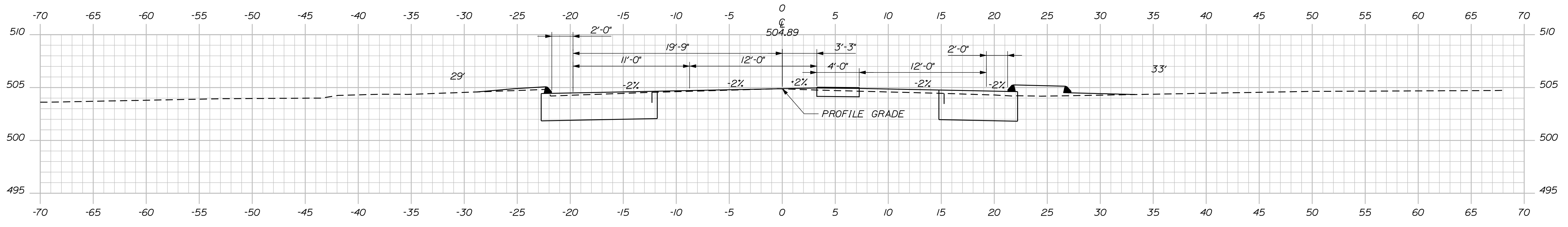
SHEET NUMBER
16
OF 29

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE
P. MADONALD	R. MOULTON	SEP 2011	
CHECKED/REVIEWED	DESIGNED/DETAILS	DESIGNED/DETAILS	P.E. NUMBER
	T. WHITE		
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

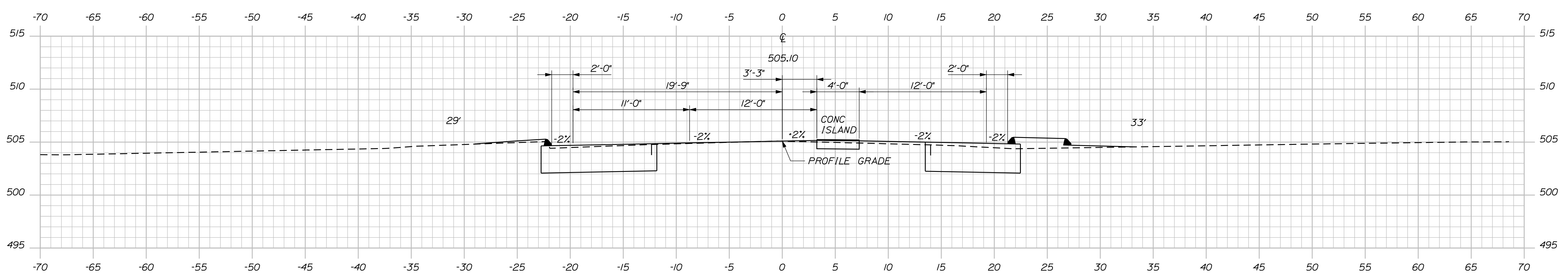
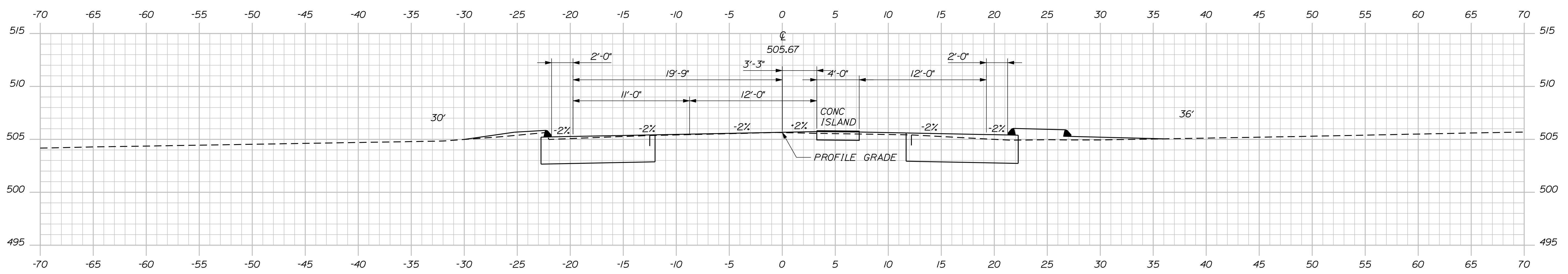
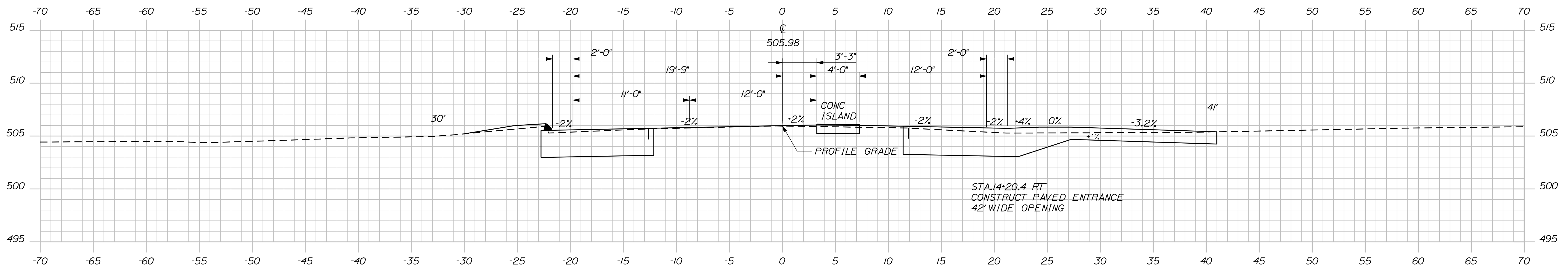
SHEET NUMBER
18
OF 29

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\019_Xsect_13+63_011.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED		
DESIGN DET. ALEDO	K. BRESKIN	T. WHITE
DESIGN DET. ALEDO		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

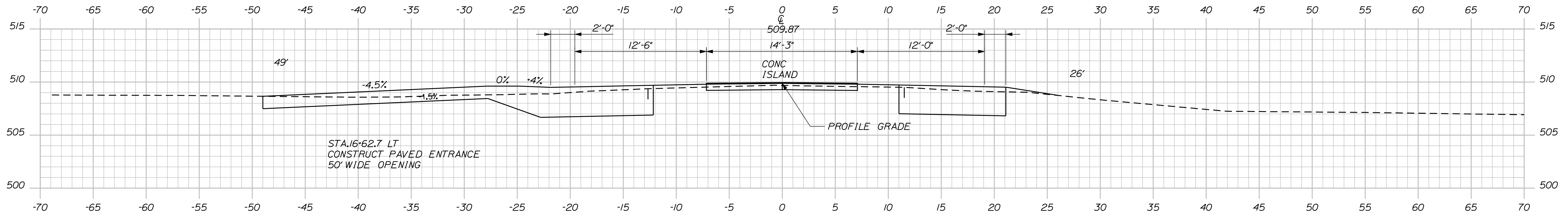
SHEET NUMBER
19
OF 29

Date: 9/9/2011

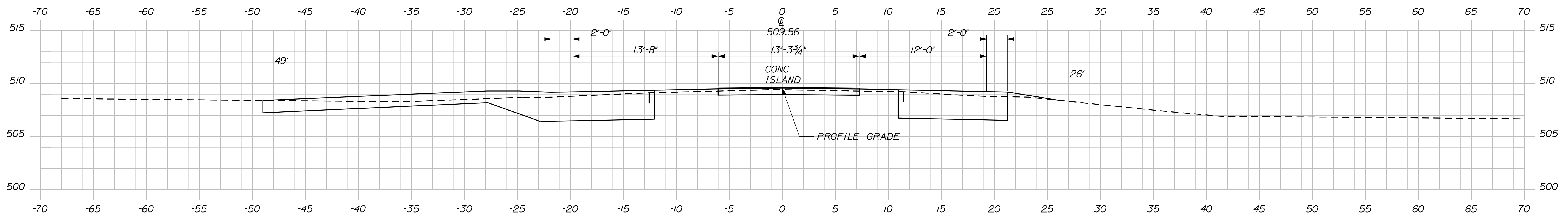
Username: rhobe.moulton

Division: HIGHWAY

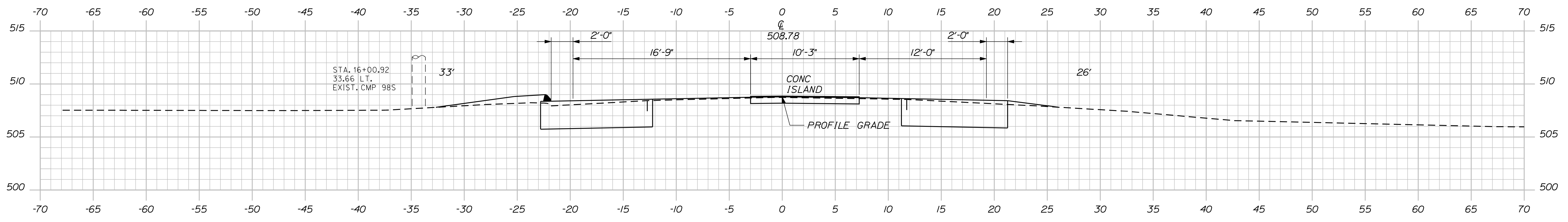
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16+62.67



16+50.00



16+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
P. MADONALD	R. MOULTON	SEP. 2011

CHECKED/REVIEWED	DESIGN/REVIEWED	DESIGN/REVIEWED	DESIGN/REVIEWED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
R. MOULTON	K. BRESKIN	T. WHITE						

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

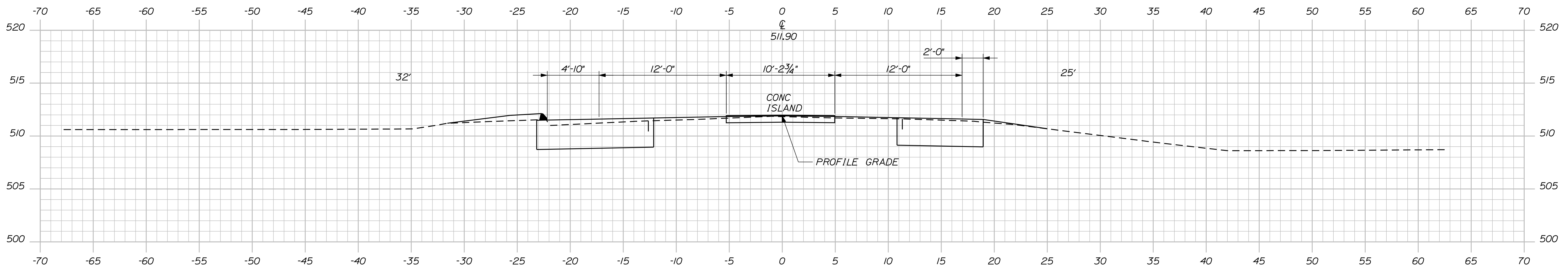
SHEET NUMBER
21
OF 29

Date: 9/9/2011

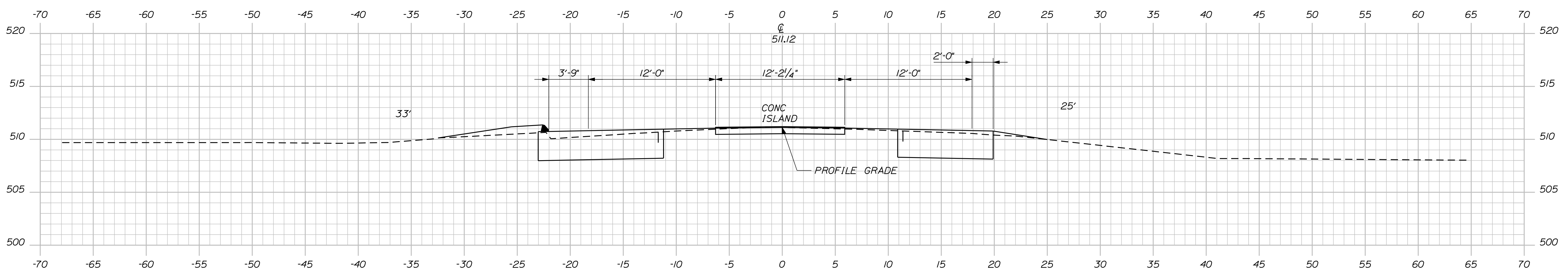
Username: rhobe.moulton

Division: HIGHWAY

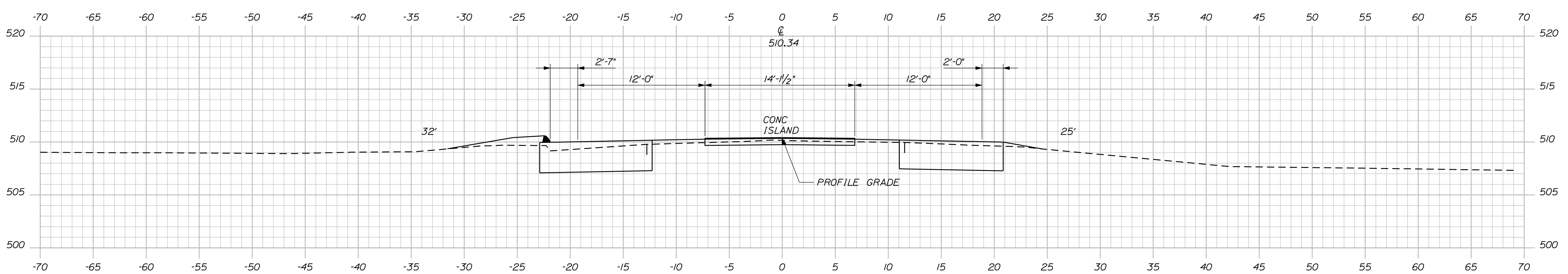
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18+00.00



17+50.00



17+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADDONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED		
DESIGN DET. ALOD	K. BRESKIN	
DESIGN DET. ALOD	T. WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

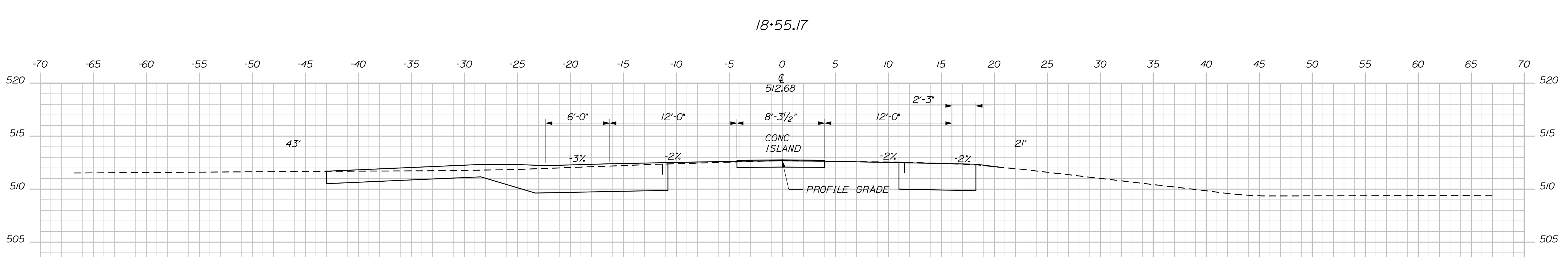
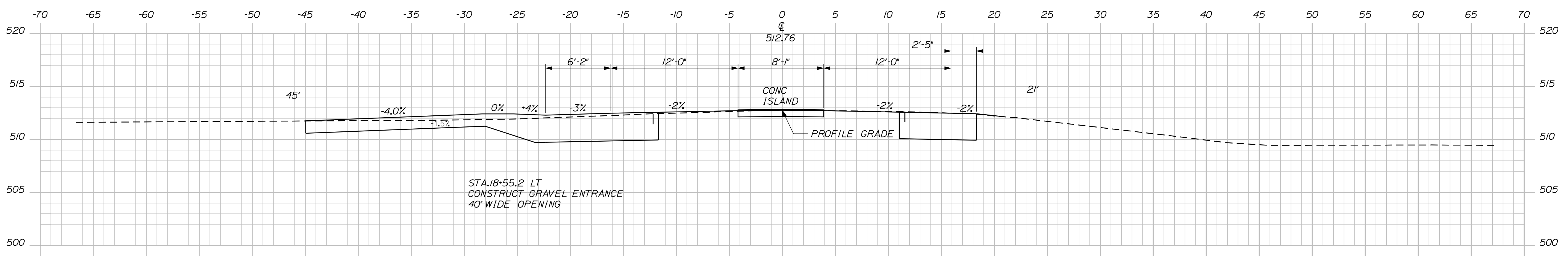
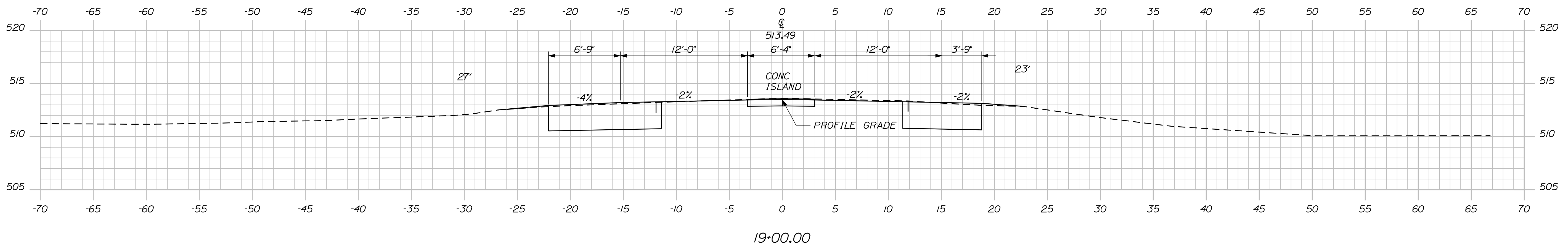
SHEET NUMBER
22
OF 29

Date: 6/21/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \MSTAN023_xsect_18+50_015.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADDONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED		
DESIGN-REVIEWED		
DESIGN-DET. ALOD	K. BRESKIN	T. WHITE
DESIGN-DET. ALOD		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

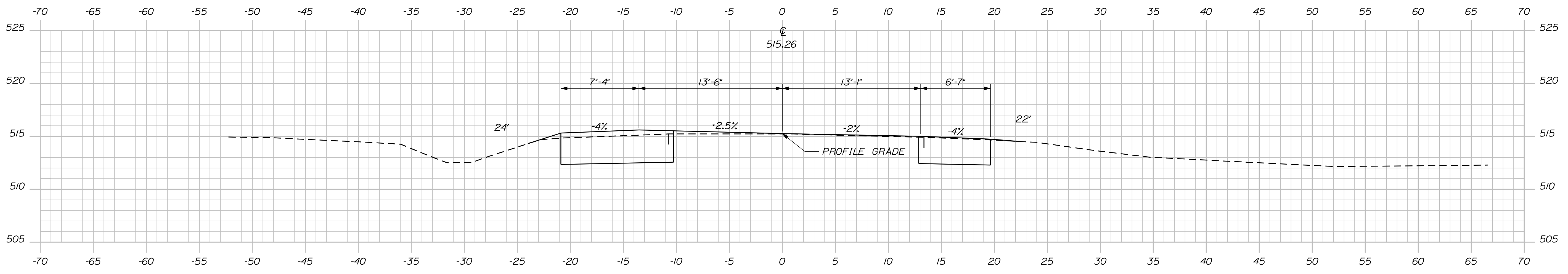
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23
OF 29

Date: 9/9/2011

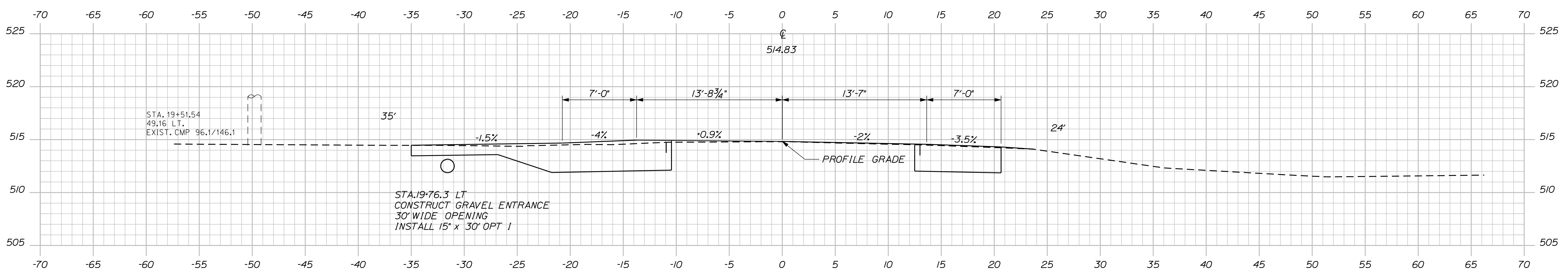
Username: rhobe.moulton

Division: HIGHWAY

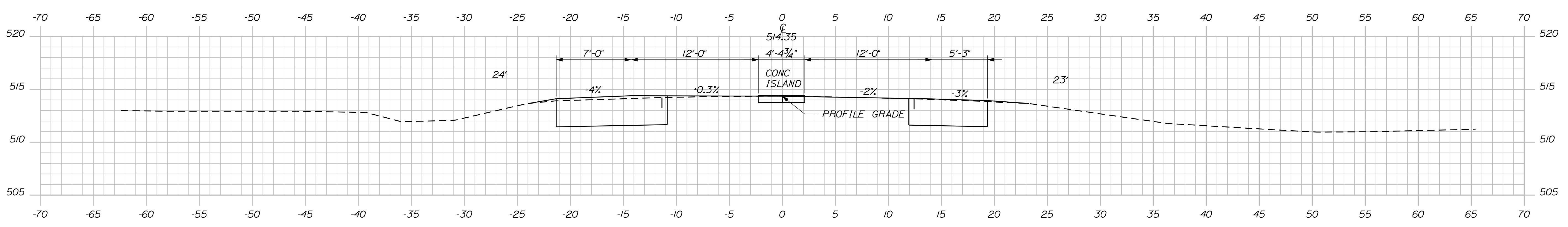
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20+00.00



19+76.34



19+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	FIELD CHANGES	

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

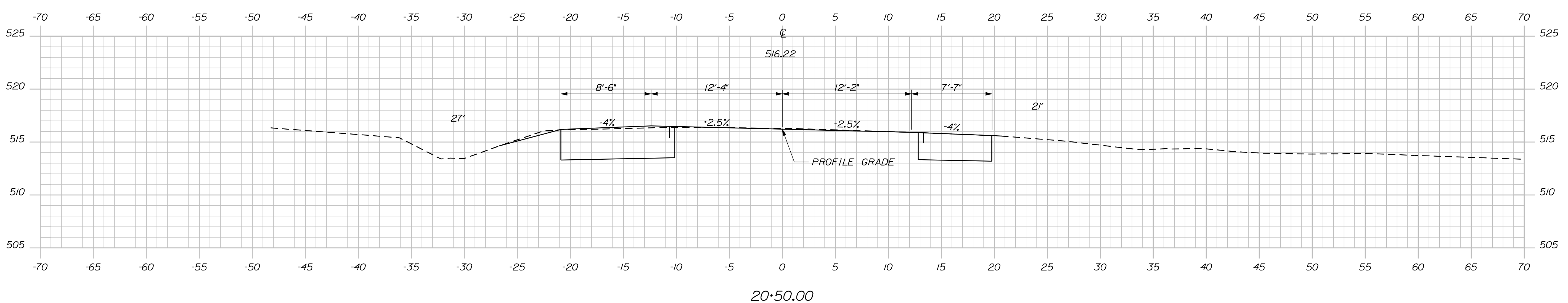
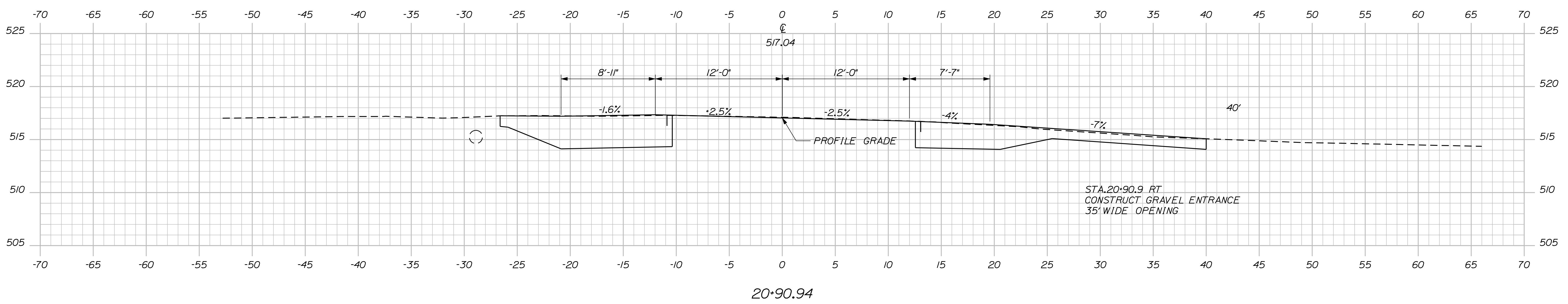
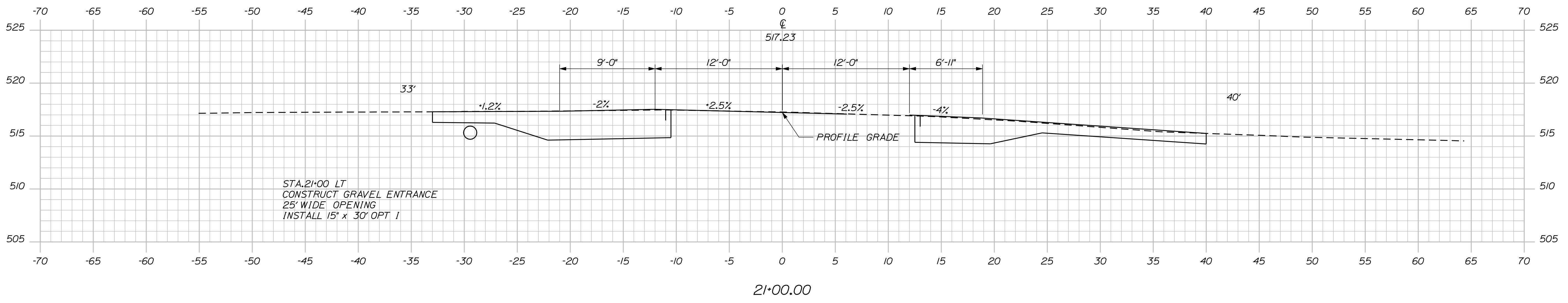
SHEET NUMBER
24
OF 29

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\025_Xsect_20+50_017.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
15685.00
PIN 15685.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	BY	DATE
P. MADONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED		
DESIGN DET AILED	K. BRESKIN	T. WHITE
DESIGN DET AILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
U.S. ROUTE 201 & S.R. 148
CROSS SECTIONS

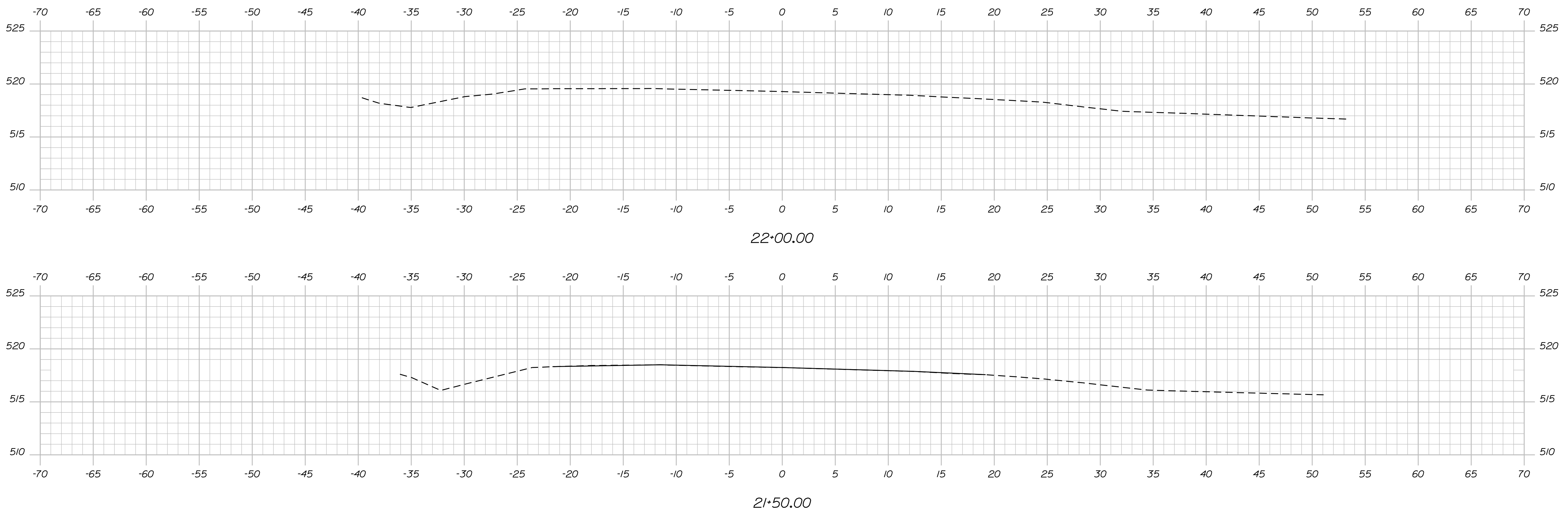
SHEET NUMBER
25
OF 29

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\026_Xsect_21+50_018.dgn



STA 21+50
 MATCH EXISTING
 END PROJECT NO STP-1568(500)X

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 15685.00
 PIN 15685.00
 HIGHWAY PLANS

SIGNATURE
 P.E. NUMBER
 DATE

PROJ. MANAGER	BY	DATE
P. MAGDONALD	R. MOULTON	SEP. 2011
CHECKED-REVIEWED		
DESIGN DETAILER	K. BRESKIN	
DESIGN DETAILER	T. WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MADISON
 U.S. ROUTE 201 & S.R. 148
 CROSS SECTIONS

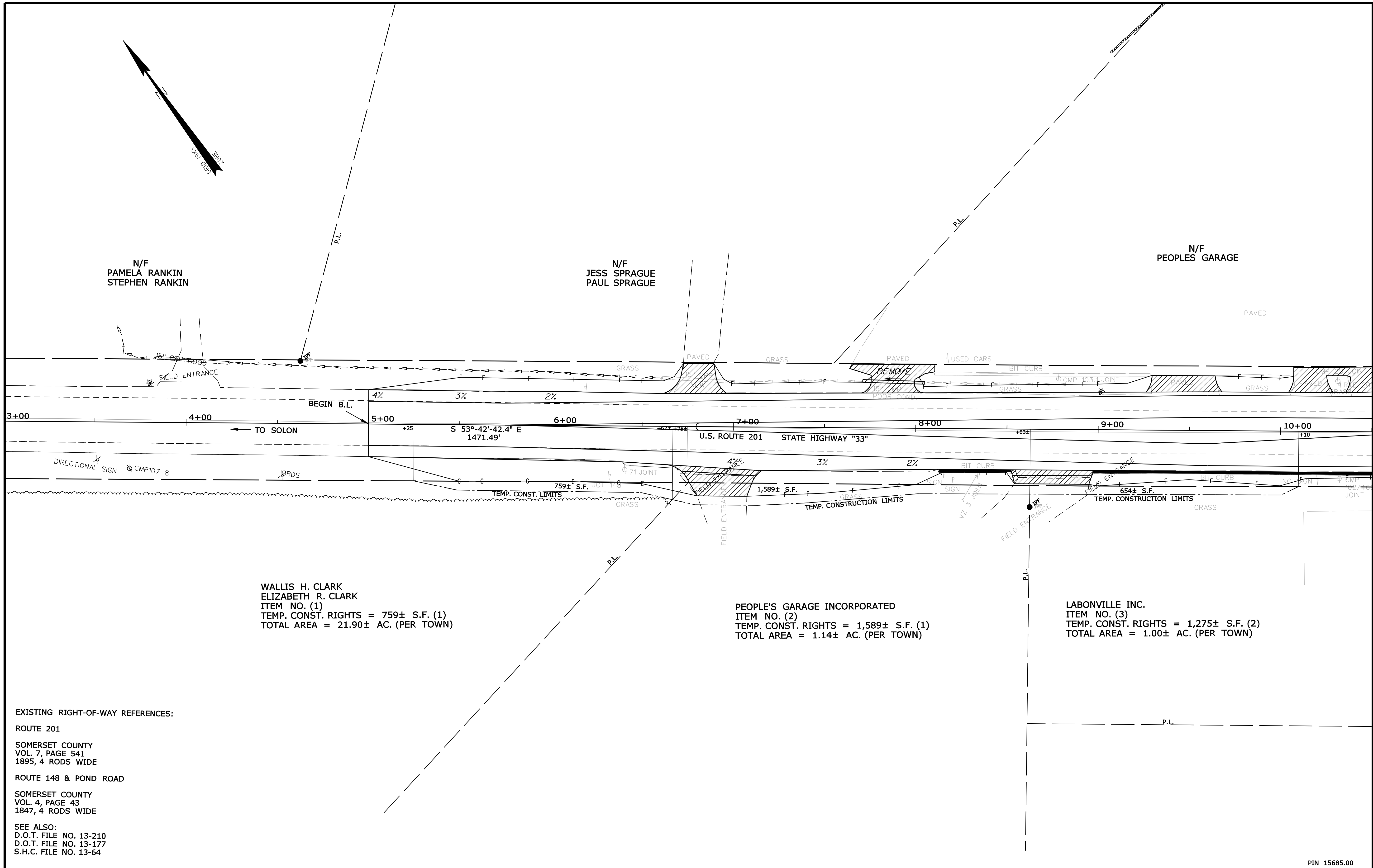
SHEET NUMBER
 26
 OF 29

Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \00\ROW\MSTA\001_RWPLAN1.dgn



WALLIS H. CLARK
 ELIZABETH R. CLARK
 ITEM NO. (1)
 TEMP. CONST. RIGHTS = 759± S.F. (1)
 TOTAL AREA = 21.90± AC. (PER TOWN)

PEOPLES GARAGE INCORPORATED
 ITEM NO. (2)
 TEMP. CONST. RIGHTS = 1,589± S.F. (1)
 TOTAL AREA = 1.14± AC. (PER TOWN)

LABONVILLE INC.
 ITEM NO. (3)
 TEMP. CONST. RIGHTS = 1,275± S.F. (2)
 TOTAL AREA = 1.00± AC. (PER TOWN)

EXISTING RIGHT-OF-WAY REFERENCES:

- ROUTE 201
SOMERSET COUNTY
VOL. 7, PAGE 541
1895, 4 RODS WIDE
- ROUTE 148 & POND ROAD
SOMERSET COUNTY
VOL. 4, PAGE 43
1847, 4 RODS WIDE
- SEE ALSO:
D.O.T. FILE NO. 13-210
D.O.T. FILE NO. 13-177
S.H.C. FILE NO. 13-64

SYMBOLS

○	WELL
---	GRADING LIMIT LINE
---	CONSTRUCTION LIMIT LINE
---	PROPERTY LINE
---	LIMITS OF WROUGHT PORTION (L.O.W.P.)
---	EXISTING RIGHT OF WAY
---	NEW RIGHT OF WAY
---	NEW ROW WITHIN EXIST. ROW
---	CONTROL OF ACCESS
●	PIP (IRON PIPE OR PIN FOUND)
□	S.T. (SEPTIC TANK)
▲	AWM (TRAVERSE POINT)
---	WATER LINE
---	GAS LINE
---	ELECTRIC LINE
---	TELEPHONE LINE
---	SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	PNS	
PROP. LINES	PNS	
AREAS	PNS	DWB

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME. 04333-0016
 MADISON
 RIGHT OF WAY MAP

PIN 15685.00

NO.	DATE	REVISIONS DESCRIPTION	BY	PLAN FILED IN PLAN BOOK				COUNTY RECORD							
				NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	COND.	9611	4435	223		

DAVID BERNHARDT
 COMMISSIONER
 KENNETH L. SWEENEY
 CHIEF ENGINEER
 DATE

STATE HIGHWAY "33"
 U.S. ROUTE 201
 MADISON SOMERSET COUNTY
 FEDERAL AID PROJECT NO. STP-1568(500)X
 APRIL 2011
 SCALE 1" = 25'
 RIGHT-OF-WAY MAP
 SHEET 1 OF 3
 D.O.T. FILE NO. 13-370

SHEET NUMBER
 27
 OF 29

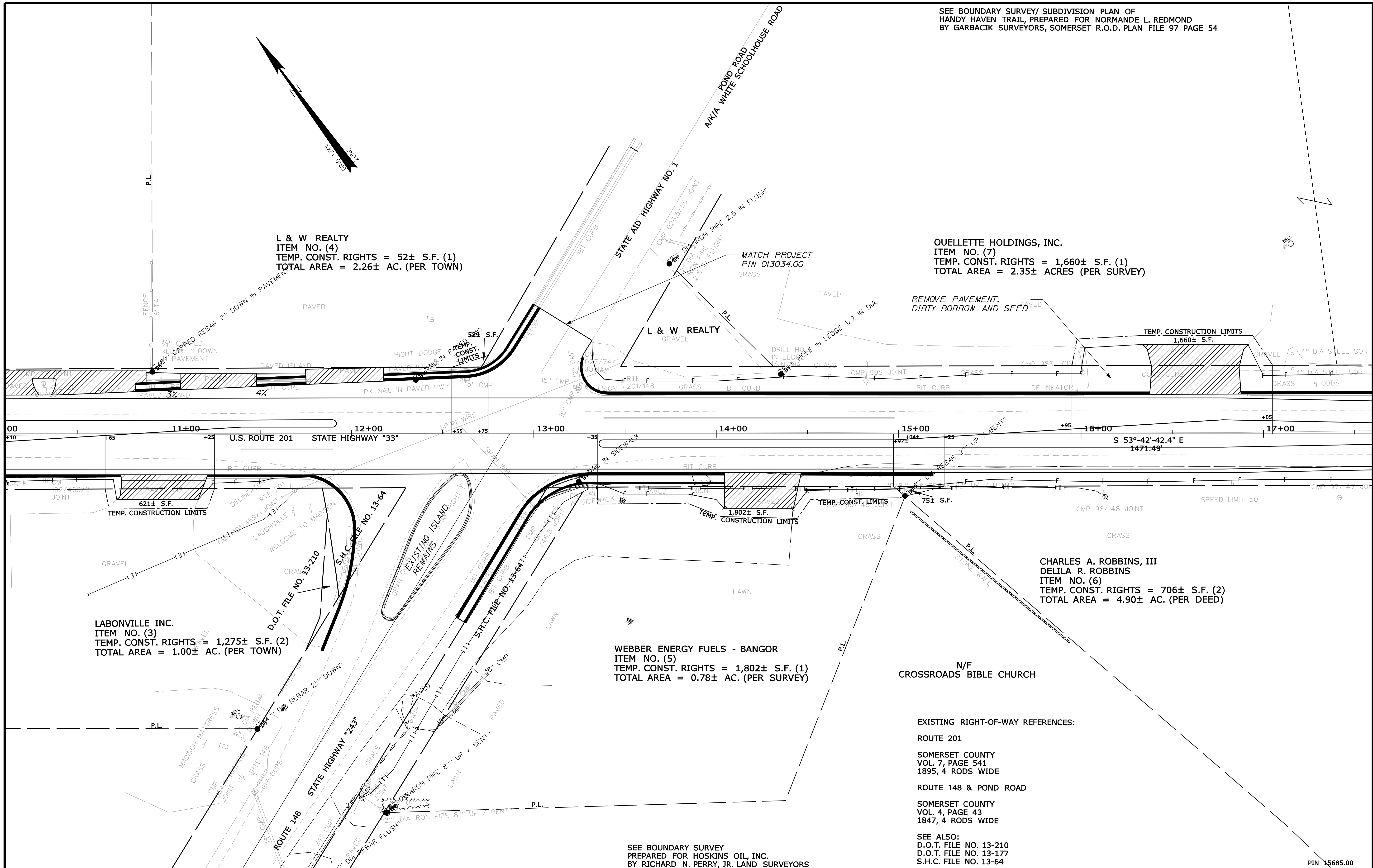
Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \000\ROW\MSTA002_RWPLAN2.dgn

SEE BOUNDARY SURVEY/ SUBDIVISION PLAN OF HANDY HAVEN TRAIL, PREPARED FOR NORMANDE L. REDMOND BY GARBACIK SURVEYORS, SOMERSET R.O.D. PLAN FILE 97 PAGE 54



L & W REALTY
 ITEM NO. (4)
 TEMP. CONST. RIGHTS = 52± S.F. (1)
 TOTAL AREA = 2.26± AC. (PER TOWN)

OUELLETTE HOLDINGS, INC.
 ITEM NO. (7)
 TEMP. CONST. RIGHTS = 1,660± S.F. (1)
 TOTAL AREA = 2.35± ACRES (PER SURVEY)

LABONVILLE INC.
 ITEM NO. (3)
 TEMP. CONST. RIGHTS = 1,275± S.F. (2)
 TOTAL AREA = 1.00± AC. (PER TOWN)

WEBBER ENERGY FUELS - BANGOR
 ITEM NO. (5)
 TEMP. CONST. RIGHTS = 1,802± S.F. (1)
 TOTAL AREA = 0.78± AC. (PER SURVEY)

CHARLES A. ROBBINS, III
 DELILA R. ROBBINS
 ITEM NO. (6)
 TEMP. CONST. RIGHTS = 706± S.F. (2)
 TOTAL AREA = 4.90± AC. (PER DEED)

SEE BOUNDARY SURVEY
 PREPARED FOR HOSKINS OIL, INC.
 BY RICHARD N. PERRY, JR. LAND SURVEYORS

EXISTING RIGHT-OF-WAY REFERENCES:
 ROUTE 201
 SOMERSET COUNTY
 VOL. 7, PAGE 541
 1895, 4 RODS WIDE
 ROUTE 148 & POND ROAD
 SOMERSET COUNTY
 VOL. 4, PAGE 43
 1847, 4 RODS WIDE
 SEE ALSO:
 D.O.T. FILE NO. 13-210
 D.O.T. FILE NO. 13-177
 S.H.C. FILE NO. 13-64

SYMBOLS

(WELL)	○	(MELL)
GRADING LIMIT LINE	---	CONSTRUCTION LIMIT LINE
PROPERTY LINE	---	LIMITS OF TROUGHT PORTION (L.O.T.P.)
EXISTING RIGHT OF WAY	---	NEW RIGHT OF WAY
NEW ROW WITHIN EXIST. ROW	---	CONTROL OF ACCESS
PI or PIP (IRON PIPE or PIN FOUND)	○	WATER LINE
SEPTIC TANK	□	GAS LINE
TRAVEL POINT	▲	ELECTRIC LINE
TELEPHONE LINE	---	SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	PNS	
PROP. LINES	PNS	
AREAS	PNS	DWB

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME. 04333-0016
 MADISON
 RIGHT OF WAY MAP

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD
NO.	GRANTOR	INSTRUMENT DATE BOOK PAGE

DAVID BERNHARDT
 COMMISSIONER
 KENNETH L. SWEENEY
 CHIEF ENGINEER
 DATE

STATE HIGHWAY "33"
 U.S. ROUTE 201
 MADISON SOMERSET COUNTY
 FEDERAL AID PROJECT NO. STP-1568(500)X
 APRIL 2011
 SCALE 1" = 25'
 RIGHT-OF-WAY MAP
 SHEET 2 OF 3
 D.O.T. FILE NO. 13-370

SHEET NUMBER
28
 OF 29

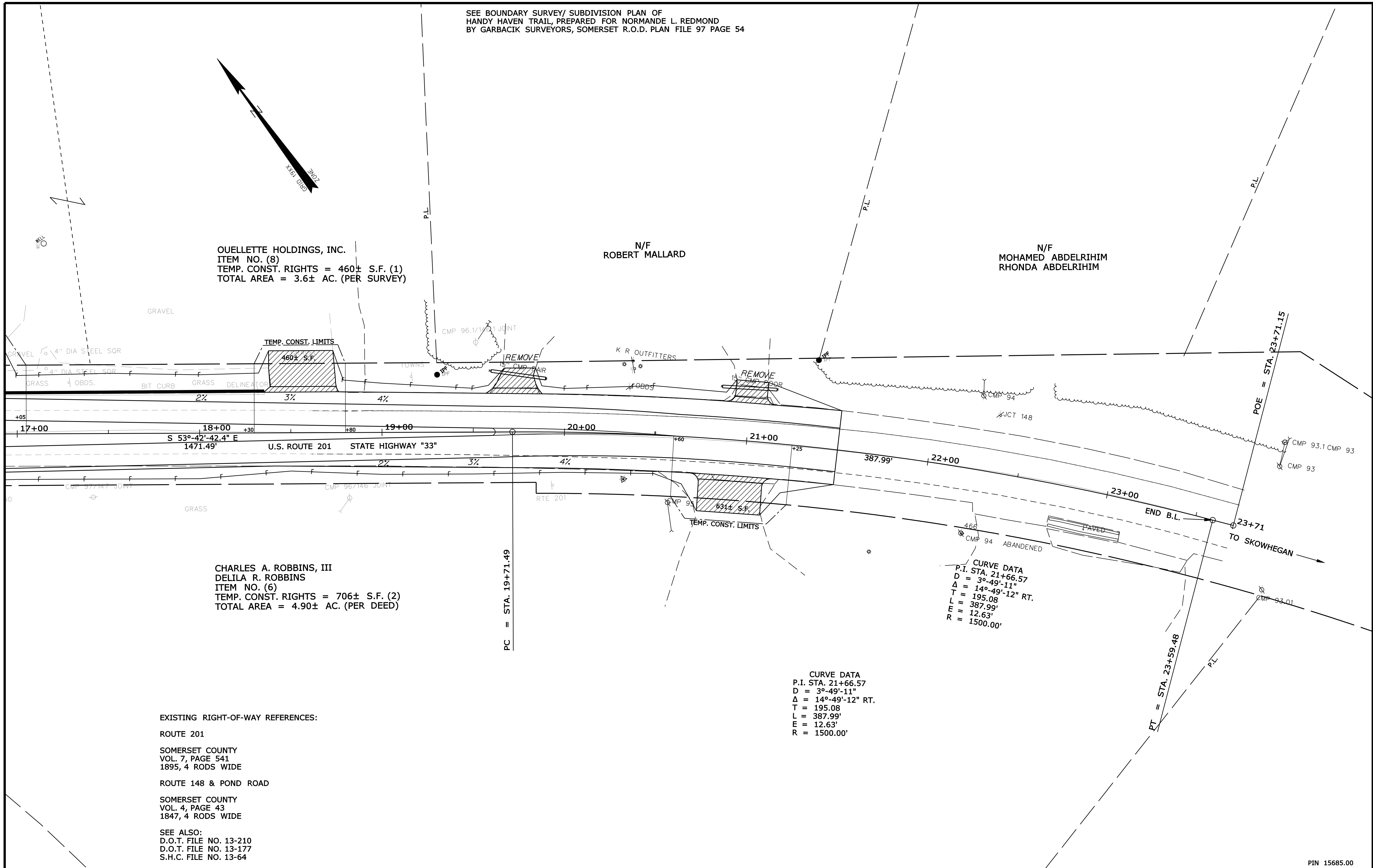
Date: 9/9/2011

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \000\ROW\MSTA003_RWPLAN3.dgn

SEE BOUNDARY SURVEY/ SUBDIVISION PLAN OF
HANDY HAVEN TRAIL, PREPARED FOR NORMANDE L. REDMOND
BY GARBACIK SURVEYORS, SOMERSET R.O.D. PLAN FILE 97 PAGE 54



OUELLETTE HOLDINGS, INC.
ITEM NO. (8)
TEMP. CONST. RIGHTS = 460± S.F. (1)
TOTAL AREA = 3.6± AC. (PER SURVEY)

N/F
ROBERT MALLARD

N/F
MOHAMED ABDELRIHIM
RHONDA ABDELRIHIM

CHARLES A. ROBBINS, III
DELILA R. ROBBINS
ITEM NO. (6)
TEMP. CONST. RIGHTS = 706± S.F. (2)
TOTAL AREA = 4.90± AC. (PER DEED)

EXISTING RIGHT-OF-WAY REFERENCES:

ROUTE 201
SOMERSET COUNTY
VOL. 7, PAGE 541
1895, 4 RODS WIDE

ROUTE 148 & POND ROAD
SOMERSET COUNTY
VOL. 4, PAGE 43
1847, 4 RODS WIDE

SEE ALSO:
D.O.T. FILE NO. 13-210
D.O.T. FILE NO. 13-177
S.H.C. FILE NO. 13-64

CURVE DATA
P.I. STA. 21+66.57
D = 3°-49'-11"
Δ = 14°-49'-12" RT.
T = 195.08
L = 387.99'
E = 12.63'
R = 1500.00'

CURVE DATA
P.I. STA. 23+59.48
D = 3°-49'-11"
Δ = 14°-49'-12" RT.
T = 195.08
L = 387.99'
E = 12.63'
R = 1500.00'

SYMBOLS

• P or • PIP (IRON PIPE or PIN FOUND)	○ WELL
□ S.T. (SEPTIC TANK)	--- GRADING LIMIT LINE
△ M (TRAVEL POINT)	--- CONSTRUCTION LIMIT LINE
— WATER LINE	— PROPERTY LINE
— GAS LINE	— PL
— ELECTRIC LINE	— LIMITS OF TROUGHT PORTION (LOWP.)
— TELEPHONE LINE	— EXISTING RIGHT OF WAY
— SEWER LINE	— NEW RIGHT OF WAY
	— NEW ROW WITHIN EXIST. ROW
	— CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	PNS	
PROP. LINES	PNS	
AREAS	PNS	DWB

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME. 04333-0016
MADISON
RIGHT OF WAY MAP

NO.	DATE	REVISIONS DESCRIPTION	BY	PLAN FILED IN PLAN BOOK				COUNTY RECORD						
				NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	COND.	9611	4435	223	

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER
DATE

STATE HIGHWAY "33"
U.S. ROUTE 201
MADISON SOMERSET COUNTY
FEDERAL AID PROJECT NO. STP-1568(500)X
APRIL 2011
SCALE 1" = 25'
RIGHT-OF-WAY MAP
SHEET 3 OF 3
D.O.T. FILE NO. 13-370

SHEET NUMBER
29
OF 29