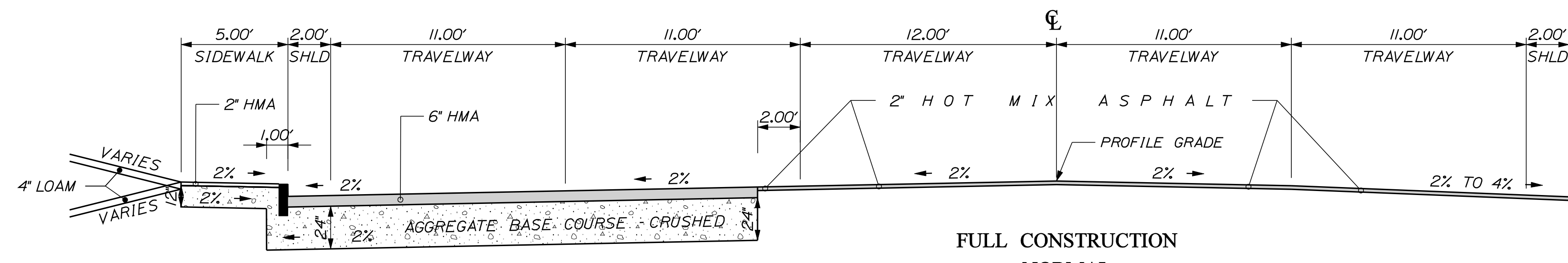


Date: 2/6/2012

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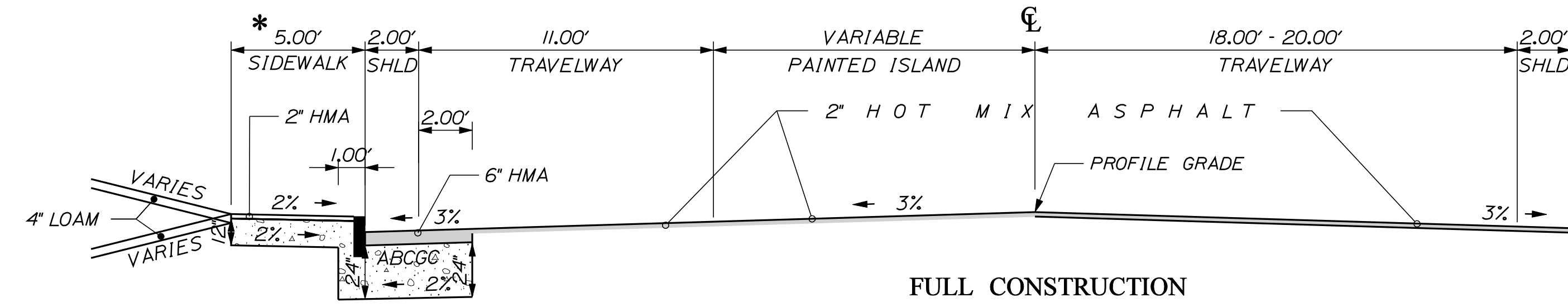
Division: HIGHWAY

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FULL CONSTRUCTION
NORMAL
MAIN ST.

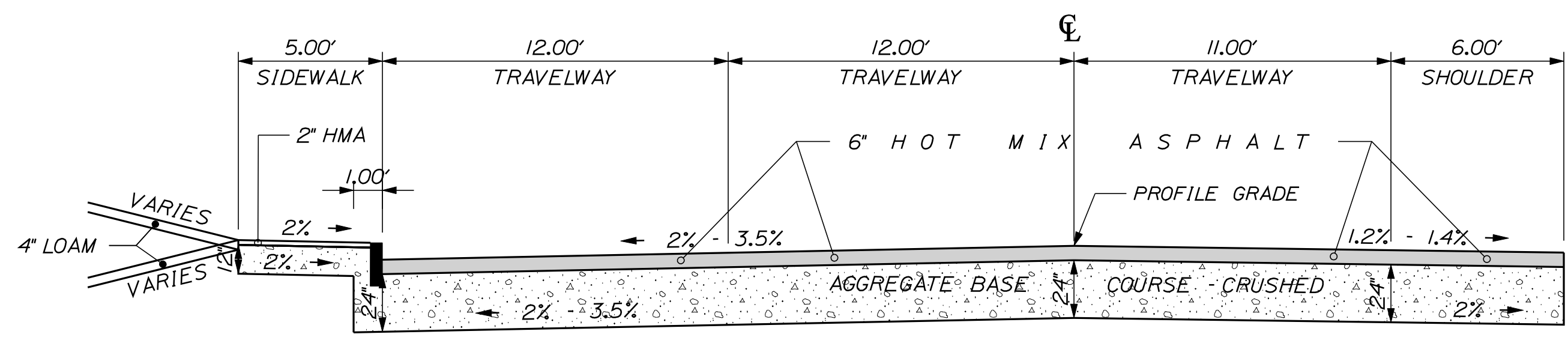
2' CURB SHOULDER LT. 24" A. B. C. G. C. = 23.6 CY/100 LF	11'- 11' TRAVEL LANES LT. 24" A. B. C. G. C. = 148.2 CY/100 LF	12' TRAVEL LANE LT.	11'- 11' TRAVEL LANES RT.	2' SHOULDER RT.
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
2-00.00 TO 6-43.00	2-00.00 TO 6-43.00	2-00.00 TO 6-43.00	2-00.00 TO 6-43.00	2-00.00 TO 6-43.00



FULL CONSTRUCTION
NORMAL
MAIN ST.

* 12-50.00 TO 12-71.00 TRANSITION
TO MATCH EXISTING SIDEWALK

2' SHOULDER LT. 24" A. B. C. G. C. = 14.7 CY/100 LF	11' TRAVEL LANES LT. 24" A. B. C. G. C. = 14.7 CY/100 LF	18'- 20' TRAVEL LANE RT.
STATION TO STATION	STATION TO STATION	STATION TO STATION
12-13.50 TO 12-75.00	12-13.50 TO 12-75.00	12-13.50 TO 12-75.00



FULL CONSTRUCTION
NORMAL
STRAWBERRY AVE.

12'- 12'- 11' TRAVEL LANES 24" A. B. C. G. C. = 268.1 CY/100 LF	6' SHOULDER RT. 24" A. B. C. G. C. = 44.4 CY/100 LF
STATION TO STATION	STATION TO STATION
0-62.15 TO 0-86.00	0-62.15 TO 0-86.00

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 ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
6. MILL AND SHIM TO ACHIEVE PROFILE GRADES AND CROSS SLOPES AS DESIGNED ON PLANS OR AS DIRECTED BY RESIDENT.

NOT TO SCALE

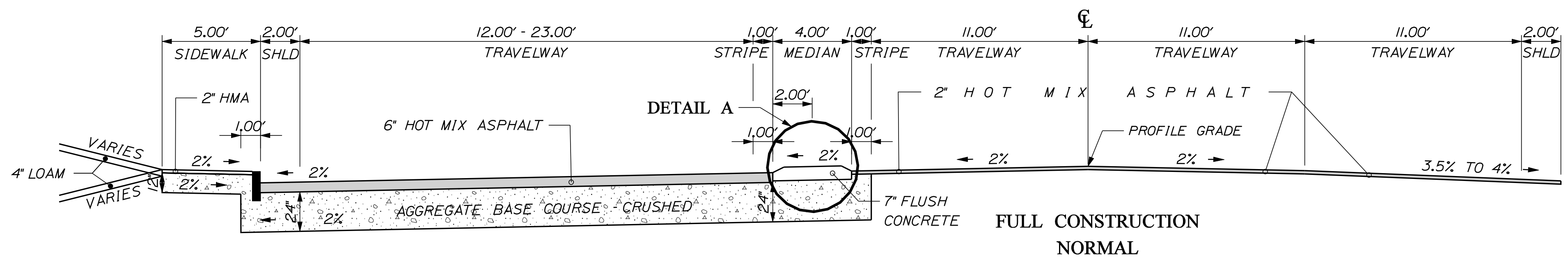
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
AC-STP-1306(000)X		HIGHWAY PLANS	
PIN 13060.00		SIGNATURE	
DATE		P.E. NUMBER	
BY		DATE	
P. MACDONALD		SEPT 2011	
M. SWINDELL		BT	
DESIGNED		CHECKED	
DESIGNED		CHECKED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	
LEWISTON MAIN ST./STRAWBERRY AVE. TYPICAL SECTIONS			
SHEET NUMBER			
2			
OF 38			

Date: 2/6/2012

Username: rhobe.moulton

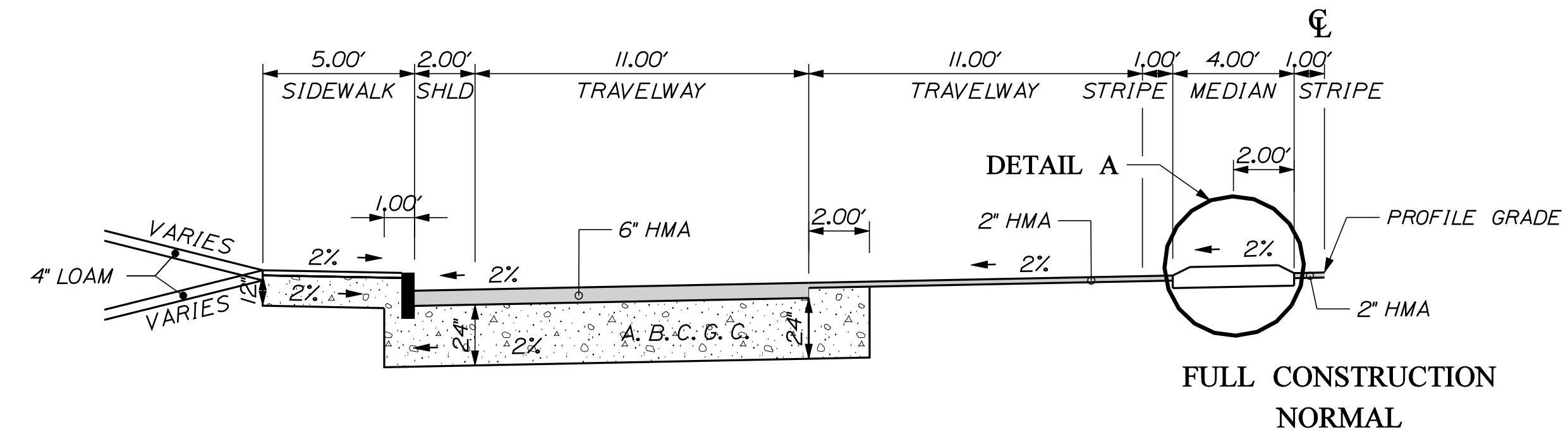
Division: HIGHWAY

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12'- 23' TRAVEL LANE LT. 24" A. S. C. G. = 7.4 CY/100 LF/FT OF WIDTH	MEDIAN LT. 24" A. B. C. G. C. = 44.4 CY/100 LF	12' TRAVEL LANE LT.	11'- 11' TRAVEL LANES RT.	2' SHOULDER RT.
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
6+43.00 TO 10+50.00	7+88.00 TO 9+82.00	6+43.00 TO 10+50.00	6+43.00 TO 12+35.00	6+43.00 TO 12+35.00

2' CURB SHOULDER LT. 24" A. B. C. G. C. = 23.6 CY/100 LF
STATION TO STATION
6+43.00 TO 10+50.00



2' CURB SHOULDER LT. 24" A. B. C. G. C. = 23.6 CY/100 LF	11' TRAVEL LANE LT. 24" A. B. C. G. C. = 81.5 CY/100 LF	MEDIAN LT.
STATION TO STATION	STATION TO STATION	STATION TO STATION
10+50.00 TO 12+13.50	10+50.00 TO 12+13.50	10+90.00 TO 11+62.00

CONCRETE NOTES:

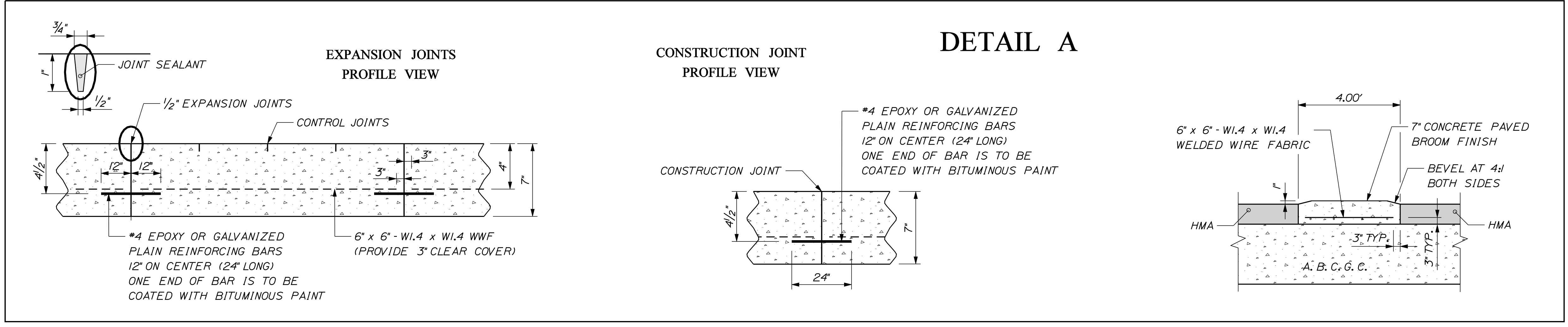
1. SAWCUT PAVEMENT VERTICALLY AND REMOVE THE EXISTING MATERIAL TO SPECIFIED GRAVEL SUBGRADE AS DIRECTED BY THE RESIDENT.
2. H.M.A. MATERIAL THAT IS REMOVED BELOW PROPOSED CONCRETE ISLAND GRADE SHALL BE REPLACED WITH AGGREGATE SUBBASE COURSE-GRAVEL. ALL EXCAVATION AND GRAVEL ITEMS SHALL BE INCIDENTAL 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.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	P. MACDONALD	DATE	SEPT 2011
DESIGN DETAILED	M. SWINDELLS/ BT TRAN	BY	
CHECKED-REVIEWED		SIGNATURE	
DESIGNS DET AILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LEWISTON
MAIN STREET
TYPICAL SECTIONS

SHEET NUMBER
3
OF 38



NOT TO SCALE

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	13	EA
201.24	REMOVING STUMP	14	EA
202.15	REMOVING MANHOLE OR CATCH BASIN	2	EA
202.202	REMOVING PAVEMENT SURFACE	4930	SY
203.20	COMMON EXCAVATION	3160	CY
203.25	GRANULAR BORROW	20	CY
206.061	STRUCT EARTH EX - DRAINAGE AND MINOR STRUCTURES, BELOW GRADE	25	CY
304.09	AGGREGATE BASE COURSE - CRUSHED	2270	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	890	T
403.209	HOT MIX ASPHALT 9.5 MM HMA (SIDEWALKS, DRIVES, INCIDENTALS)	112	T
403.211	HOT MIX ASPHALT (SHIMMING)	210	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	520	T
409.15	BITUMINOUS TACK COAT - APPLIED	410	G
502.341	STRUCTURAL CONCRETE ROADWAY MEDIAN	30	CY
603.179	18" CULV PIPE OPTION III	135	LF
604.072	CATCH BASIN TYPE A+C	5	EA
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	6	EA
604.182	CLEAN EXISTING CATCH BASIN AND MANHOLE	6	EA
605.12	15 INCH UNDERDRAIN TYPE C	362	LF
605.13	18 INCH UNDERDRAIN TYPE C	884	LF
608.26	CURB RAMP DETECTABLE WARNING FIELD	4	EA
609.II	VERTICAL CURB TYPE I	860	LF
609.III	SPECIAL GRANITE CURB	50	LF
609.I2	VERTICAL CURB TYPE I - CIRCULAR	80	LF
609.237	TERMINAL CURB TYPE 1-7 FOOT	17	EA
609.237I	TERMINAL CURB TYPE 1-7 FT - CIRCULAR	4	EA
609.3I	Curb Type 3	74	LF
609.38	RESET CURB TYPE I	180	LF
615.07	LOAM	180	CY
618.130I	SEEDING METHOD NUMBER 1 - PLAN QUANTITY	14	UN
619.120I	MULCH - PLAN QUANTITY	14	UN
620.54	STABILIZATION GEOTEXTILE	40	SY
621.037	EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP A	3	EA
621.038	EVERGREEN TREES (5 FOOT - 6 FOOT) GROUP B	1	EA
621.267	LARGE DECIDUOUS TREE (1.75 INCH - 2 INCH CALIPER) GROUP A	3	EA
621.273	LARGE DECIDUOUS TREE (2 INCH - 2.50 INCH CALIPER) GROUP A	4	EA
621.389	DWARF EVERGREENS (15 INCH - 18 INCH) GROUP A	6	EA
621.396	DWARF EVERGREENS (18 INCH - 24 INCH) GROUP B	6	EA
621.541	DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP B	12	EA
621.547	DECIDUOUS SHRUBS (2 FOOT - 3 FOOT) GROUP B	3	EA
621.71	HERBACEOUS PERENNIALS GROUP A	12	EA
621.80	ESTABLISHMENT PERIOD	1	LS
626.11	PRECAST CONCRETE JUNCTION BOX	4	EA
626.21	METALLIC CONDUIT	100	LF
626.22	NON-METALLIC CONDUIT	1300	LF
626.31	18 INCH FOUNDATION	3	EA
626.331	36 INCH FOUNDATION	2	EA
626.35	CONTROLLER CABINET FOUNDATION	1	EA
627.733	WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE (PLAN QUANTITY)	6190	LF
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	200	SF
627.76	TEMPORARY PVMT. MARK LINE, W OR YELLOW	1	LS
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	5	HR
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	5	HR
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	5	HR
635.31	PREFAB CONCRETE BLOCK GRAVITY WALL	390	SF
639.18	FIELD OFFICE TYPE A	1	EA
642.17	CAST-IN-PLACE CONCRETE STEPS	3	CY
643.80	TRAFFIC SIGNAL AT MAIN ST. AND STRAWBERRY AVE.	1	LS
643.83	VIDEO DETECTION SYSTEM	1	EA
643.90	INTERCONNECT WIRE BETWEEN STRAWBERRY AVE. AND RUSSELL ST (1,800 -/-)	1	LS
643.91	MAST ARM POLE W/35 FT AND 10 FT MAST ARMS	1	EA
643.91	MAST ARM POLE W/40 FT AND 10 FT MAST ARMS	1	EA
643.92	PEDESTAL POLE	3	EA
652.31	TYPE I BARRICADE	5	EA
652.33	DRUM	25	EA
652.34	CONE	75	EA
652.35	CONSTRUCTION SIGNS	400	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	190	CD
652.38	FLAGGER	5000	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	2,787	
EARTH FROM DRIVES, OLD ROAD, ETC.	370	
TOTAL COMMON EXCAVATION		3,157

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	7	
TOTAL FILL		7

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION		3,157
DEDUCTIONS:		
PAVEMENT SALVAGE (CUT & FILL)	120	
(2) TOTAL DEDUCTIONS		120
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		3,036
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		542
TOTAL AVAILABLE NON-ROCK EXCAVATION		3,578

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3) TOTAL FILL		7
TOTAL AVAIL. NON-ROCK EXCAV.	3,578 x 0.85 =	3,042
(4) TOTAL AVAILABLE EXCAVATION		= 3,042

STATE OF MAINE DEPARTMENT OF TRANSPORTATION AC-STP-1306(00)X	PIN 13060.00 HIGHWAY PLANS
PROJ. MANAGER P. MACDONALD DESIGN-DETAILED M. SWINDELL CHECKED-REVIEWED M. SWINDELL DESIGN-DETAILED M. SWINDELL REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	DATE M. SWINDELL SEPT 2011 SIGNATURE P.E. NUMBER DATE
LEWISTON MAIN STREET	ESTIMATED QUANTITIES
SHEET NUMBER <div style="font-size: 2em; font-weight: bold; margin: 0;">4</div> OF 38	

GENERAL NOTES

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS: CENTRAL MAINE POWER, TIME WARNER, FAIR POINT, OXFORD NETWORKS, UNITIL, CITY OF LEWISTON.
2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.
3. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM 201.24 REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, ITEM 631.20 STUMP CHIPPER RENTAL MAY BE USED TO REMOVE STUMPS.
4. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.
5. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.
6. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL PAID FOR AS GRANULAR BORROW ITEM NUMBER 203.25.
7. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.
8. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE BASE COURSE CRUSHED.
9. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE BASE COURSE COURSE-CRUSHED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
10. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE BASE COURSE-CRUSHED OR 11" AGGREGATE BASE COURSE-CRUSHED AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
11. A 5'-6" PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
12. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE BASE COURSE-GRAVEL AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
13. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
14. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
15. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
16. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE TABULATION.
17. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.
18. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603 OR 605.
19. 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.
20. ALL CATCH BASINS TYPE A PLACED ON CIRCULAR CURB TYPE 1 SHALL HAVE THE CURB INLET CUT THE SAME RADIUS AS ADJACENT CIRCULAR CURB. PAYMENT SHALL BE INCIDENTAL TO ITEM 604
21. IN AREAS WHERE CURB TYPE 1 WILL BE RESET, THE EXISTING CURB SUITABLE FOR USE AS TERMINAL ENDS SHALL BE CUT IF NECESSARY AND UTILIZED AS SUCH AND PAID FOR UNDER ITEM 609.38 (RESET CURB TYPE 1).
22. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS
23. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED BY RESIDENT.
24. PAVEMENT MILLINGS WILL BE PROPERTY OF THE CONTRACTOR.
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. PLANS OF PREVIOUSLY CONSTRUCTED PROJECTS ARE AVAILABLE ON REQUEST. THESE PROJECTS ARE: PROJECT NO. 6685(00)X
30. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.
31. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.
32. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
33. STATIONS REFERENCED ARE APPROXIMATE.
34. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
35. CATCH BASIN GRATE ELEVATIONS LISTED ARE AT THE BACK OF THE GRATE, CATCH BASIN OFFSETS LISTED ARE AT THE CENTER OF THE GRATE.
36. PEDESTRIAN RAMPS AND CROSS WALKS SHALL BE A MINIMUM OF SIX FEET WIDE.
37. REMOVAL OF EXISTING DRAINAGE WILL BE INCIDENTAL TO 203.20 COMMON EXCAVATION. THE MATERIAL USED TO BACKFILL WILL BE INCIDENTAL UP TO SUBGRADE. GRAVEL USED FOR SUBGRADE WILL BE PAID FOR UNDER 304.09.
38. STRIPING DETAILS SHOWN ON PLANS ARE APPROXIMATE. ACTUAL STRIPING LAYOUT SHALL BE ACCORDING TO THE MOST RECENT EDITION OF THE MUTCD, AS DIRECTED BY THE RESIDENT AND REGIONAL TRAFFIC ENGINEER.
39. WHERE PAVEMENT UNDER THIS CONTRACT JOINS AND EXISTING PAVEMENT OR CONCRETE SHALL BE SAW CUT ALONG A SMOOTH LINE TO A NEAT, EVEN, VERTICAL JOINT, AS DIRECTED BY PROJECT RESIDENT. BROKEN OR RAVELED EDGES WILL NOT BE PERMITTED. ALL WORK NECESSARY FOR THE PREPARATION OF THIS JOINT WILL BE CONSIDERED INCIDENTAL TO THE RELATED CONTRACT ITEMS.

Date: 3/9/2012

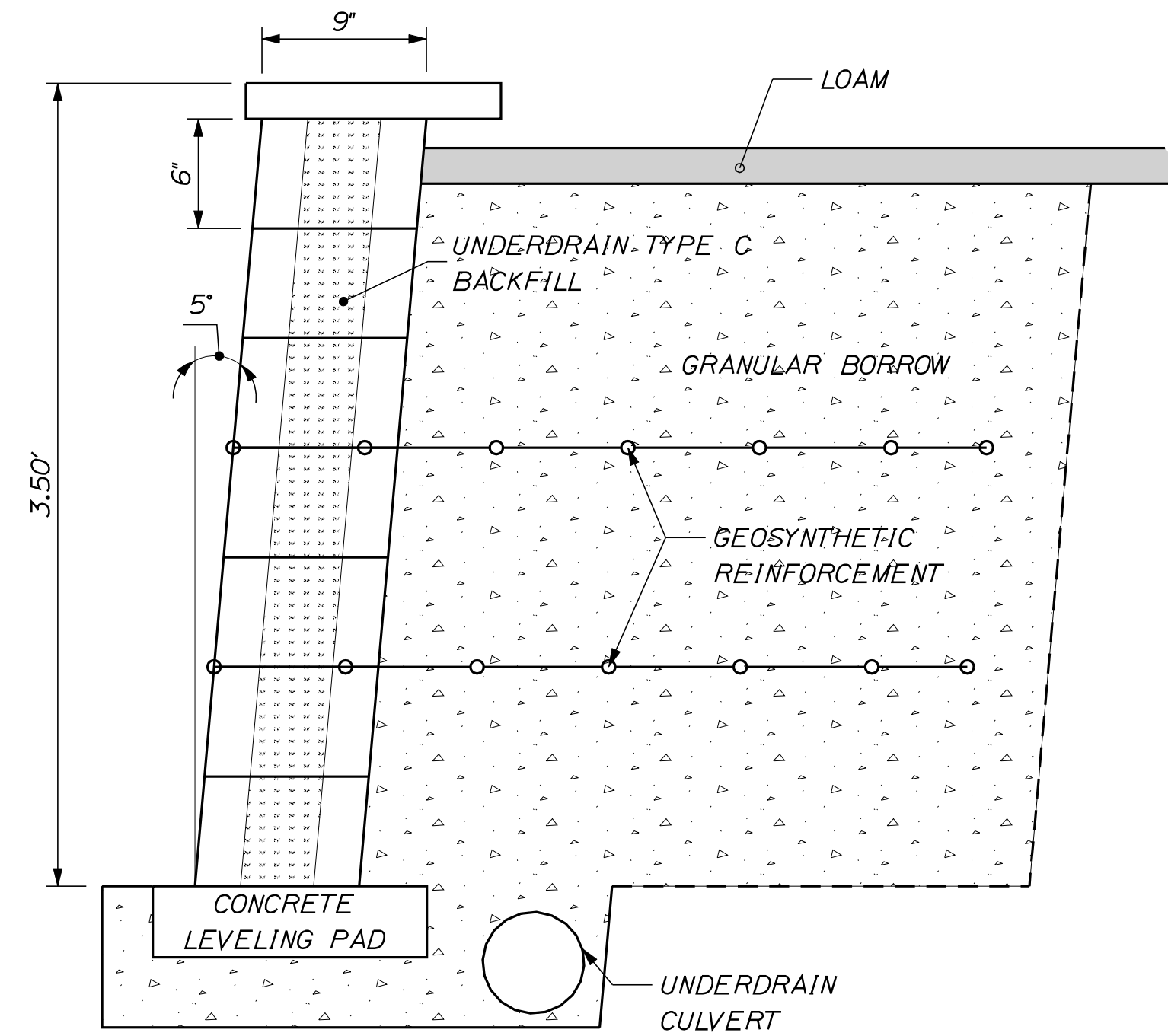
Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \MSTA\006_GeneralNotes.dgn

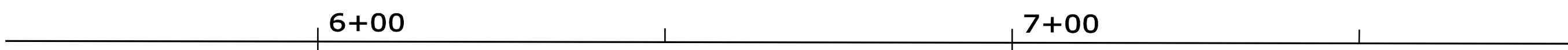
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AC-STP-1306(00)X	PIN 13060.00 HIGHWAY PLANS	SIGNATURE P.E. NUMBER DATE	DATE SEPT 2011	BY BT TRAN	P. MACDONALD M. SWINDELL	PROJ. MANAGER CHECKED-REVIEWED DESIGN DET ALEDO REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES
LEWISTON MAIN STREET		GENERAL NOTES				
SHEET NUMBER 6						
OF 38						

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR WALL 1				
1	7+27.75	67.10' LT.	1028346.45	467064.46
2	7+28.35	42.88' LT.	1028369.48	467056.95
CONTROL POINTS FOR WALL 2				
3	7+28.41	39.88' LT.	1028372.33	467056.01
4	7+33.41	35.01' LT.	1028378.60	467059.10
5	7+67.23	35.01' LT.	1028389.87	467090.98
6	7+72.16	39.19' LT.	1028387.57	467097.02

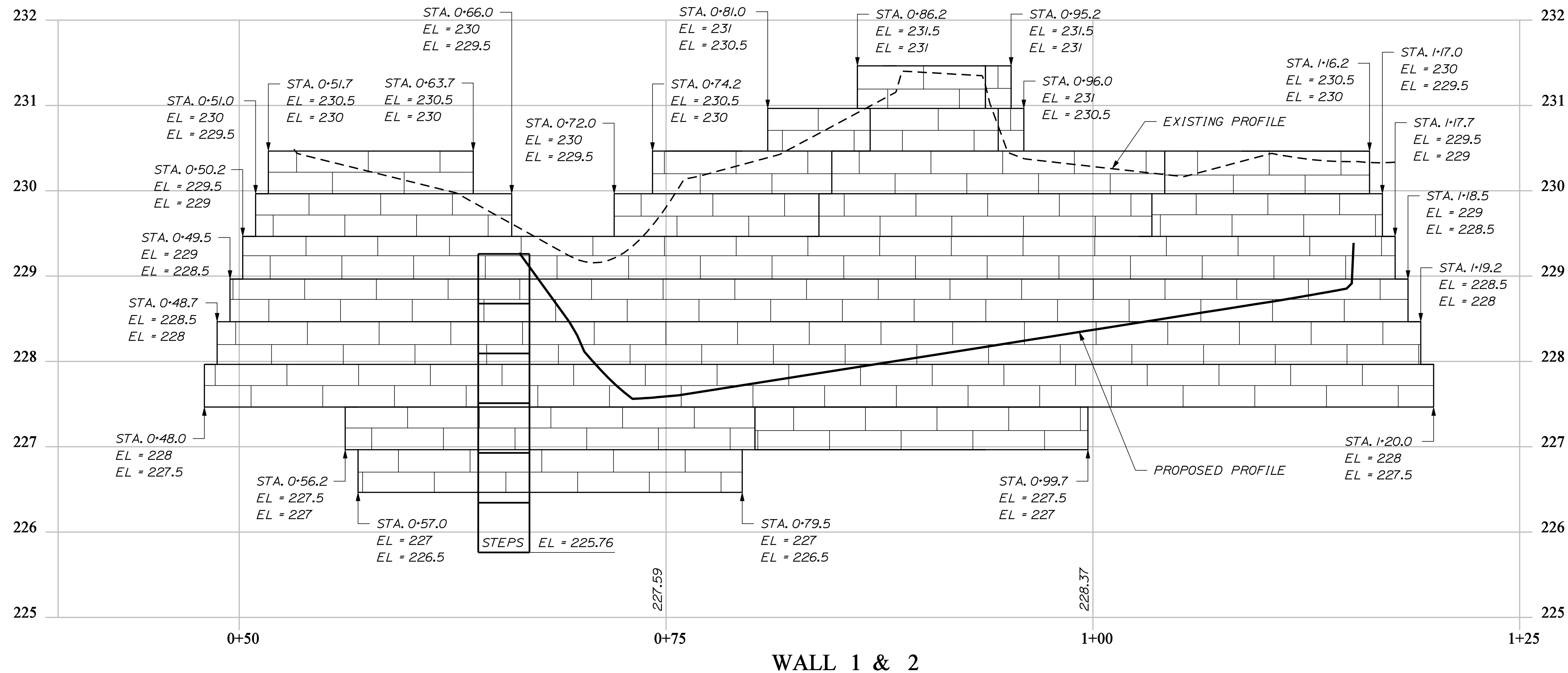


NOTES:

1. THE CONTRACTOR SHALL PROVIDE A WET CAST SMALL LANDSCAPE BLOCK WALL IN ACCORDANCE WITH SPECIAL PROVISION SECTION 635. THE WALL DESIGN SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION. THE WALL DESIGN SHALL BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER AND THE DESIGN AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE RESIDENT FOR REVIEW. PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY.
2. BACKFILL AND FOUNDATIONS SOILS PARAMETERS FOR USE IN THE SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION 635.
3. FOR THE STRENGTH LIMIT STATE, THE APPLIED FACTORED BEARING PRESSURE OF THE WALL SHALL NOT EXCEED A FACTORED BEARING RESISTANCE OF 2.8 KSF.
4. ALL EXPOSED BLOCK FACES SHALL BE FINISHED TO MATCH THE FACE OF THE WALL.
5. PIPED DRAINAGE WILL BE INCLUDED IN THE DESIGN OF THE WALLS. WALL DRAINAGE WILL BE INCIDENTAL TO CONSTRUCTION OF THE WALL.
6. A MINIMUM EMBEDMENT DEPTH OF 1.0 FEET IS REQUIRED IN THE DESIGN AND CONSTRUCTION OF THE WET CAST SMALL LANDSCAPE BLOCK WALL.
7. THE FACE QUANTITY OF WET CAST SMALL LANDSCAPE BLOCK WALL WILL BE APPROVED BY APPROVAL OF THE SHOP DRAWINGS.



TYPICAL SECTION



WALL 1 & 2

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
P. MACDONALD		BT	SEPT 2011
M. SWINBELLS		BT	IRAN
DESIGN DETAILED			
CHECKED/REVIEWED			
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

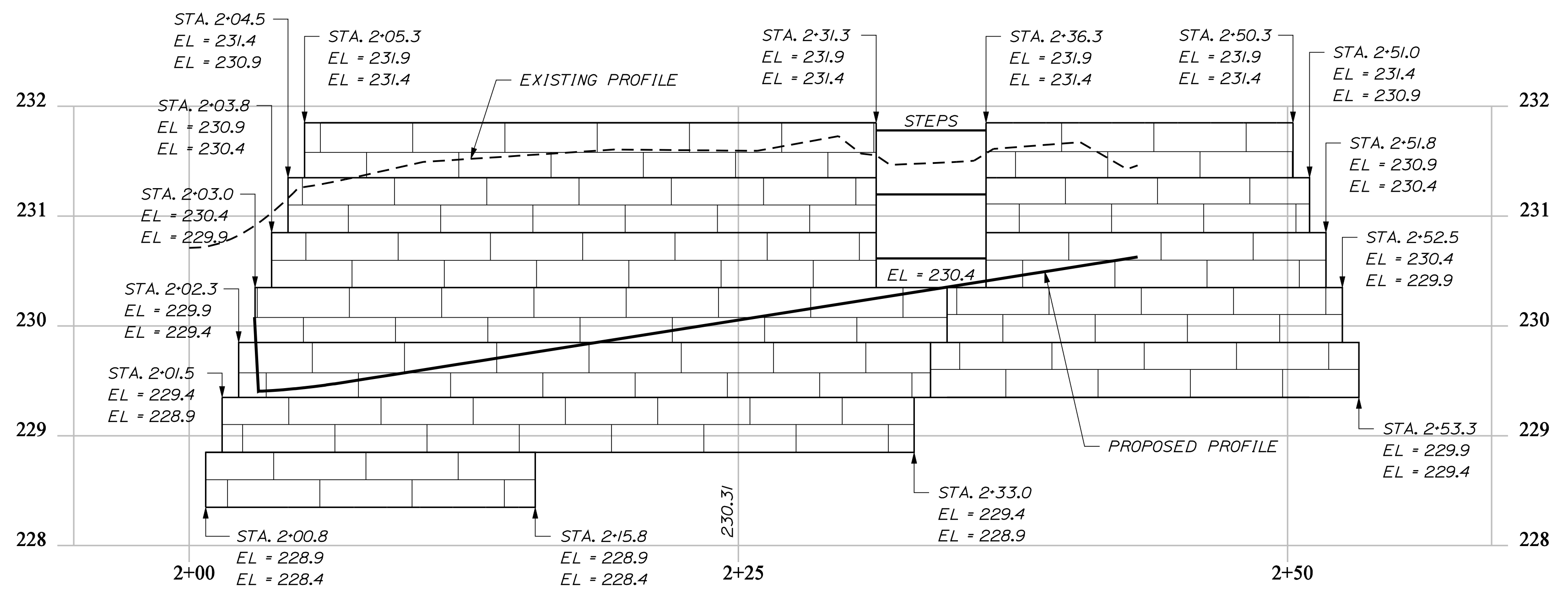
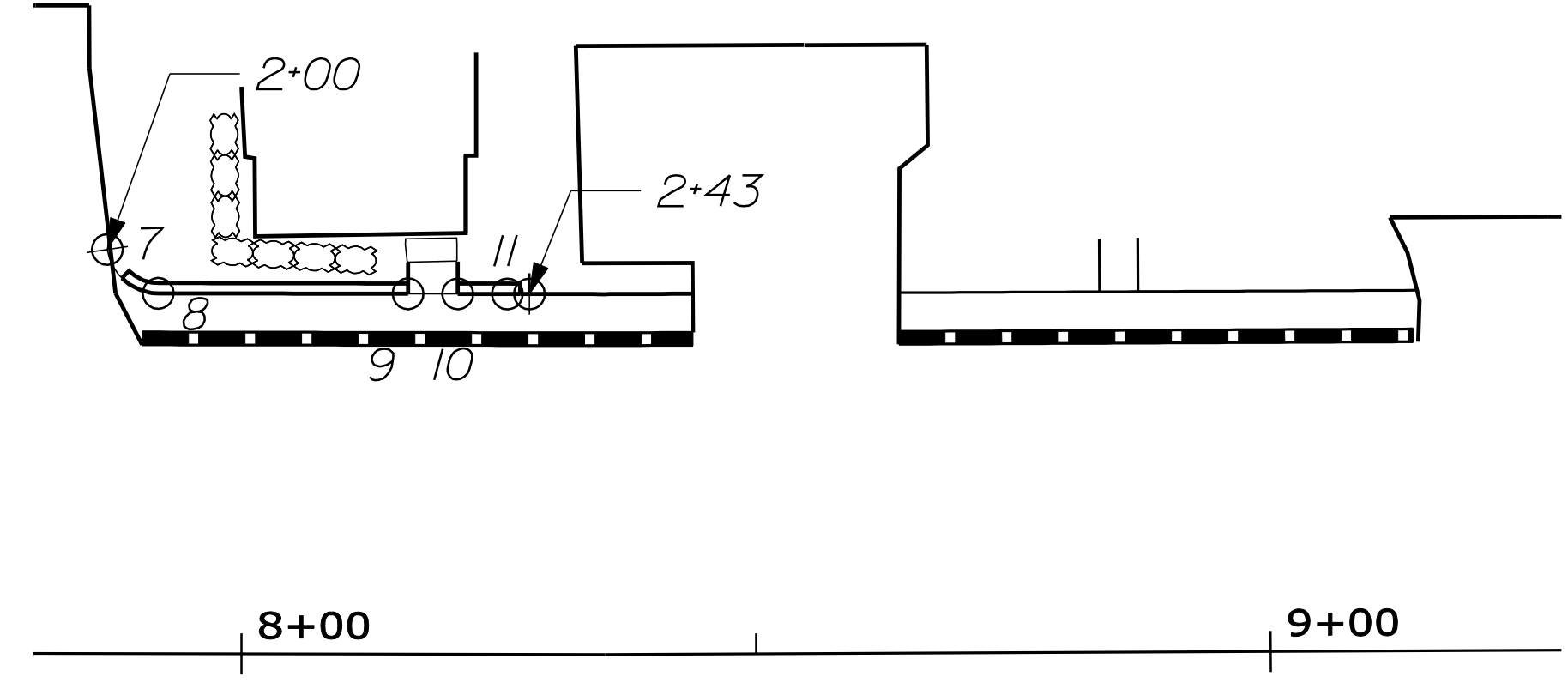
LEWISTON
MAIN STREET
RETAINING WALL PROFILE

SHEET NUMBER

7

OF 38

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR WALL 3				
7	7+86.90	39.26' LT.	1028392.42	467110.94
8	7+91.84	35.01' LT.	1028398.08	467114.18
9	8+16.11	35.00' LT.	1028406.17	467137.07
CONTROL POINTS FOR WALL 4				
10	8+20.94	35.00' LT.	1028407.78	467141.62
11	8+27.91	35.01' LT.	1028410.10	467148.18



WALL 3 & 4

NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION AC-STP-1306(000)X	PIN 13060.00 HIGHWAY PLANS
LEWISTON MAIN STREET RETAINING WALL PROFILE	SHEET NUMBER 8 OF 38
PROJ. MANAGER: P. MACDONALD CHECKED-REVIEWED: M. SWINNELLS DESIGNS-DETAILED: M. SWINNELLS REVISIONS: 1 REVISIONS: 2 REVISIONS: 3 REVISIONS: 4 FIELD CHANGES:	BY: BT DATE: SEPT 2011 SIGNATURE: _____ P.E. NUMBER: _____ DATE: _____

Maine Department of Transportation Soil/Rock Exploration Log US CUSTOMARY UNITS		Project: Routes 202+11.100 (Main Street) Location: Lewiston, Maine		Boring No.: HB-LEW-101 PIN: 13060.00																																																					
Driller: MainedOT	Elevation (ft.):	Auger ID/OD: 5" Dia.																																																							
Operator: E. Giguere	Datum: NAVD 88	Sampler: Off Flights																																																							
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A																																																							
Date Start/Finish: 2/28/07: 09:00-09:30	Drilling Method: Solid Stem Auger	Core Barrel: N/A																																																							
Boring Location: 16+24.5, 7.3' Lt.	Casing ID/OD: N/A	Water Level*: None Observed																																																							
<small> Definitions: Q = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample S = In Situ Vane Shear Test SSA = Solid Stem Auger S_v = In Situ Field Vane Shear Strength (psf) T_v = Pocket Torque Shear Strength (psf) C_u = Uncollected Compressive Strength (psf) R = Rock Core Sample S = In Situ Vane Shear Test SSA = Solid Stem Auger W = water content, percent LL = Liquid Limit PL = Plastic Limit PI = Plasticity Index C = Grain Size Analysis C = Consolidation Test </small>																																																									
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Maine Department of Transportation Soil/Rock Exploration Log US CUSTOMARY UNITS		Project: Routes 202+11.100 (Main Street) Location: Lewiston, Maine		Boring No.: HB-LEW-102 PIN: 13060.00																																																					
Driller: MainedOT	Elevation (ft.):	Auger ID/OD: 5" Dia.																																																							
Operator: E. Giguere	Datum: NAVD 88	Sampler: Off Flights																																																							
Logged By: B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A																																																							
Date Start/Finish: 2/28/07: 09:30-10:00	Drilling Method: Solid Stem Auger	Core Barrel: N/A																																																							
Boring Location: 2+89.6, 18.2' Lt.	Casing ID/OD: N/A	Water Level*: None Observed																																																							
<small> Definitions: Q = Split Spoon Sample MS = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample S = In Situ Vane Shear Test SSA = Solid Stem Auger S_v = In Situ Field Vane Shear Strength (psf) T_v = Pocket Torque Shear Strength (psf) C_u = Uncollected Compressive Strength (psf) R = Rock Core Sample S = In Situ Vane Shear Test SSA = Solid Stem Auger W = water content, percent LL = Liquid Limit PL = Plastic Limit PI = Plasticity Index C = Grain Size Analysis C = Consolidation Test </small>																																																									
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State of Maine - Department of Transportation Pavement Core Summary Sheet						
Town(s): Lewiston		Project Number: 13060.00				
Station (Feet)	Offset (Feet)	Pavement Depth (Feet)	Unbound Pavement	PC-Number	Saved Core	Comments / Date
1+75	17.0 Rt.	0.60		101	yes	
6+00	16.0 Rt.	0.40		102	no	
9+00	14.0 Rt.	0.80		103	yes	
12+00	14.0 Rt.	0.60		104	yes	
15+00	14.0 Rt.	0.60		105	yes	
15+00	11.0 Lt.	0.70		106	yes	
12+00	12.0 Lt.	0.60		107	yes	
8+50	9.0 Lt.	0.65		108	yes	
16+24.5	7.3 Lt.	0.70		1	yes	HB-LEW-101
2+89.6	18.2 Lt.	0.70		2	yes	HB-LEW-102

PROJ. MANAGER	P. MACDONALD	BY	M. SWINDELLETT	DATE	SEPT. 2011
CHECKED-REVIEWED		DESIGNED-DETAILED			
DESIGNED-DETAILED		REVISIONS 1			
		REVISIONS 2			
		REVISIONS 3			
		REVISIONS 4			
		FIELD CHANGES			

LEWISTON
MAIN STREET
BORING LOGS

GENERAL NOTES:

- The Contractor shall meet all requirements of the utility companies when installing equipment on their poles. The Contractor shall be responsible for contacting the utility companies to determine their requirements.
- The locations of all junction boxes are approximate. Final locations shall be determined in the field by the Construction Manager.
- The cost of pole risers and lane use signs shall be incidental to the cost of Item No. 643.80.
- The Contractor shall take care when hanging left turn heads and lane use signs so as not to block left turn heads from the view of opposing drivers.
- The Contractor shall install a fiber-optic interconnect cable along Main Street between the traffic signal controllers at the intersections of Main Street with Strawberry Avenue and with Russell Street (approximately 1,800'). This cable shall be attached to the existing utility poles between the intersections.

6. Conduit carrying loop lead-in wire and/or fiber interconnect only shall be 2" or larger schedule 80 PVC. Conduit carrying all other wire shall be 3" or larger schedule 80 PVC.

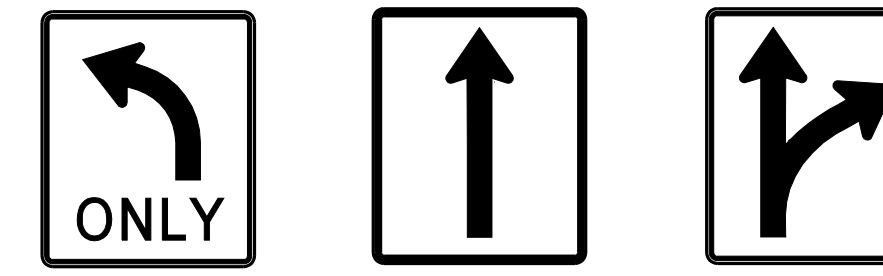
Install concrete foundation with controller and cabinet. (Sta. 10+16.13 54.9' ft.)

7. Advance detectors shall be Wavetronix Advance Detection System with continuous vehicle tracking and safe arrival technology. No substitute shall be accepted. Cost of detectors shall be incidental to Item No 643.80.

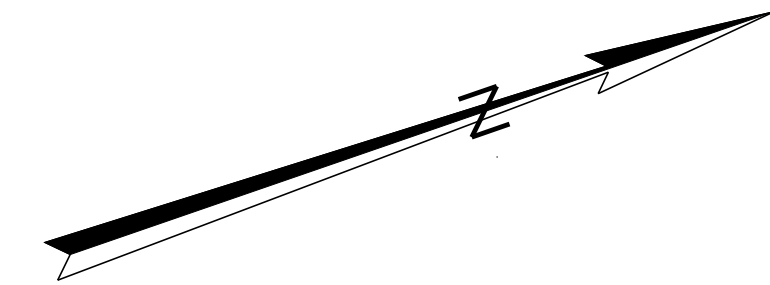
Install 36" concrete foundation with mast arm pole and 40' and 10' mast arms. Install signal heads, ped head, ped push button, overhead lane use signs and video and microwave vehicle detectors. (Sta. 10+14.98 49.53' ft.)

Install 18" concrete foundation with pedestal pole and ped head and ped push button. (Sta. 9+91.98 34.85' ft.)

OVERHEAD LANE USE SIGNS



R3-5L 30" x 36"
R3-5T 30" x 36"
R3-6R 30" x 36"



Date: 2/29/2012

Username: rhobe.moulton

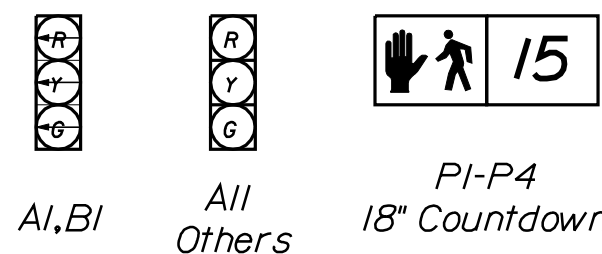
Division: HIGHWAY

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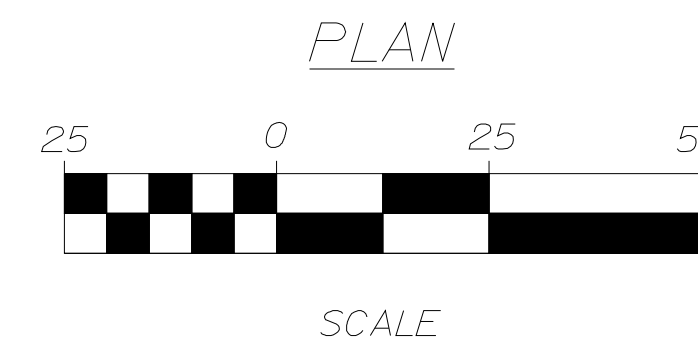
SIGNAL TIMING

Heads	B1	A2, A3	C1, C2	D1, D2	A1	B1, B2	Phase 7	Phase 8
	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6		
Min Green	3	3	3	3	3	3		
Extension	3	3	3	3	3	3		
Max I	6	40	25	10	20	40		
Max II	-	-	-	-	-	-		
Veh Clear	3	3.5	3	3	3	3.5		
Red Clear	4	2.5	3	3	4	2.5		
Walk	-	-	4	-	-	7		
Ped Clear	-	-	15	-	-	13		
Recall	off	soft	off	off	off	soft		
Flash	R	Y	R	R	R	Y		

INDICATIONS



All indications shall be 12" LEDs with 5" louvered backplates.



LEGEND	
	Controller with Cabinet
	Steel Pole
	Mast Arm
	Vehicular Head
	Ped Head
	Conduit
	Video Detector
	Advance Detector

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
TRAFFIC PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN DETAILED	M. SWINDELLS	BT	APRIL 2011		
CHECKED/REVIEWED	M. SWINDELLS	BT	APRIL 2011		
DESIGN DETAILED	M. DELOS		MAY 2011		
REVISIONS 1	M. DELOS				
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

LEWISTON
Main St & Strawberry Ave
TRAFFIC SIGNAL PLAN

SHEET NUMBER

10

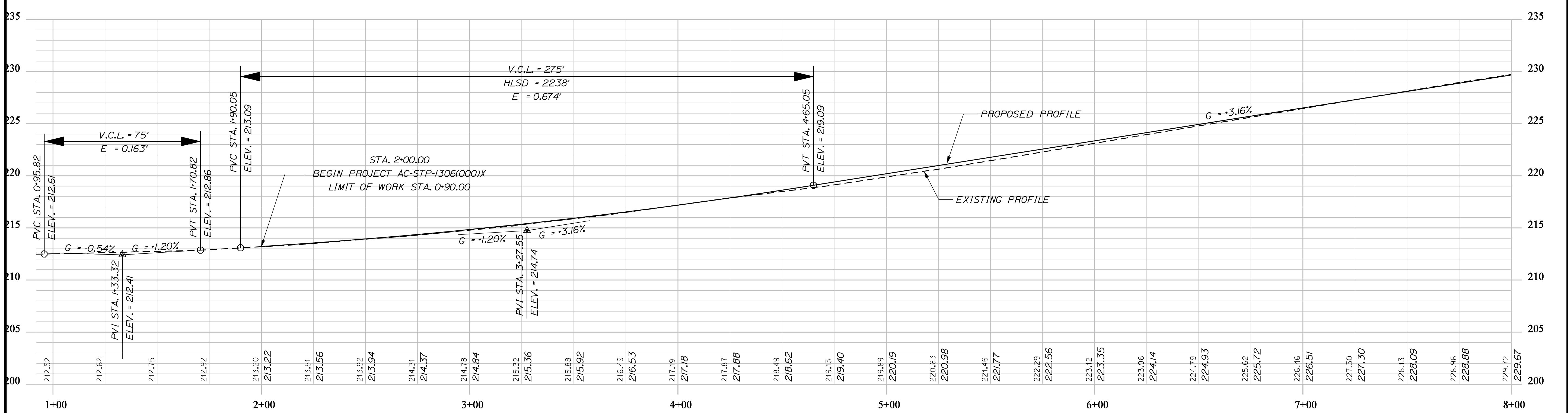
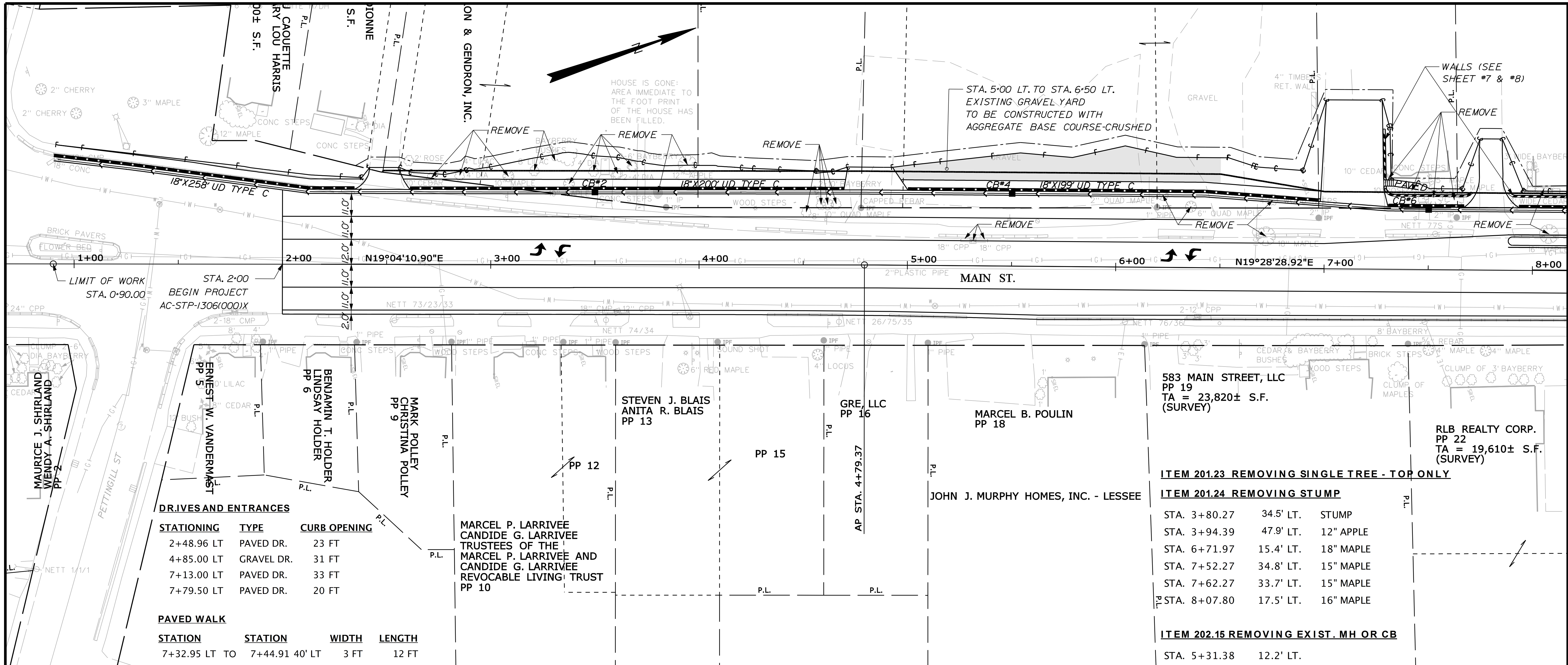
OF 38

Date: 2/6/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ...msto\011_PLAN-PROFILE 1.DGN



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(000)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
P. MACDONALD	SEPT 2011	M. SWINDELLS/ BT TRAN	
DESIGN DETAILED		CHECKED/REVIEWED	
DESIGNS DET AILED		DESIGNS DET AILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	

LEWISTON
MAIN STREET
PLANS

SHEET NUMBER
11
OF 38

STA. 0+92.00 TO STA. 7+92.00

ITEM 642.17 CAST-IN-PLACE CONCRETE STEPS
 CONSTRUCT CONCRETE STEPS SO RISE & RUN STAY INSIDE
 PROPOSED R.O.W. (SEE SHEETS 7 & 8 AND/OR SPECIAL PROVISION)

ITEM 201.23 REMOVING SINGLE TREE - TOP ONLY
ITEM 201.24 REMOVING STUMP

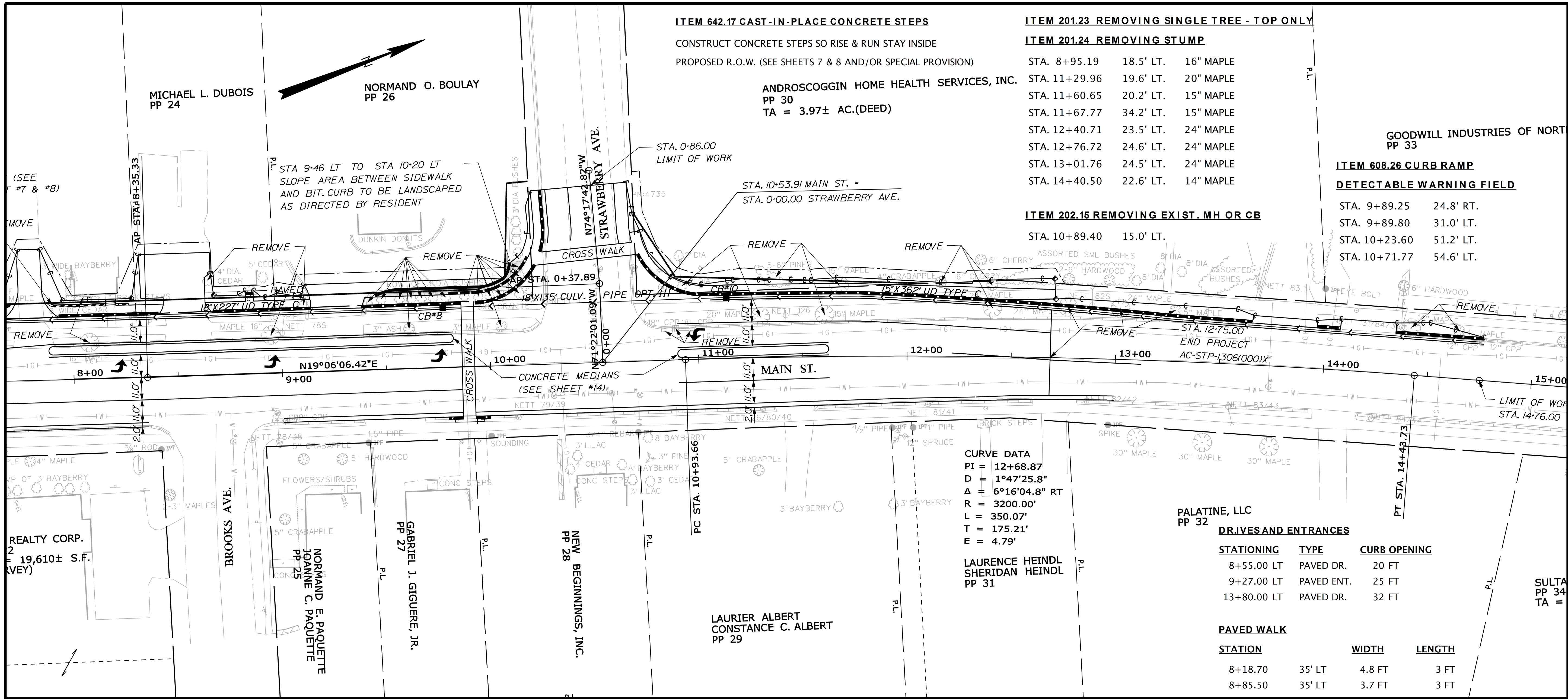
STA. 8+95.19	18.5' LT.	16" MAPLE
STA. 11+29.96	19.6' LT.	20" MAPLE
STA. 11+60.65	20.2' LT.	15" MAPLE
STA. 11+67.77	34.2' LT.	15" MAPLE
STA. 12+40.71	23.5' LT.	24" MAPLE
STA. 12+76.72	24.6' LT.	24" MAPLE
STA. 13+01.76	24.5' LT.	24" MAPLE
STA. 14+40.50	22.6' LT.	14" MAPLE

ITEM 202.15 REMOVING EXIST. MH OR CB

STA. 10+89.40	15.0' LT.
---------------	-----------

ITEM 608.26 CURB RAMP
DETECTABLE WARNING FIELD

STA. 9+89.25	24.8' RT.
STA. 9+89.80	31.0' LT.
STA. 10+23.60	51.2' LT.
STA. 10+71.77	54.6' LT.



CURVE DATA
 PI = 12+68.87
 D = 1°47'25.8"
 Δ = 6°16'04.8" RT
 R = 3200.00'
 L = 350.07'
 T = 175.21'
 E = 4.79'

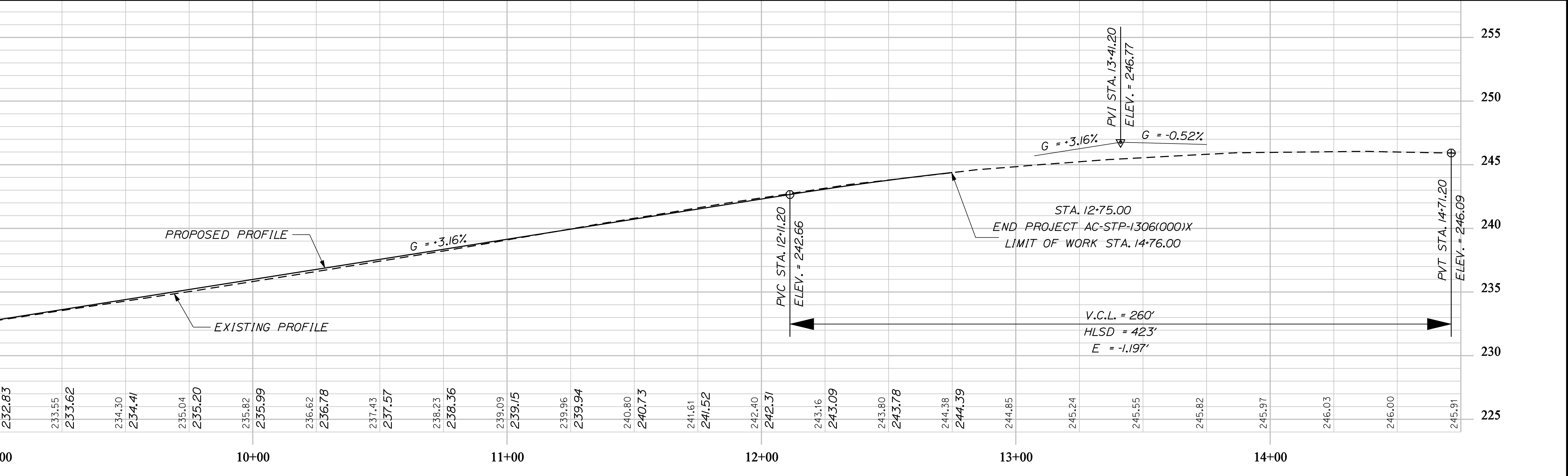
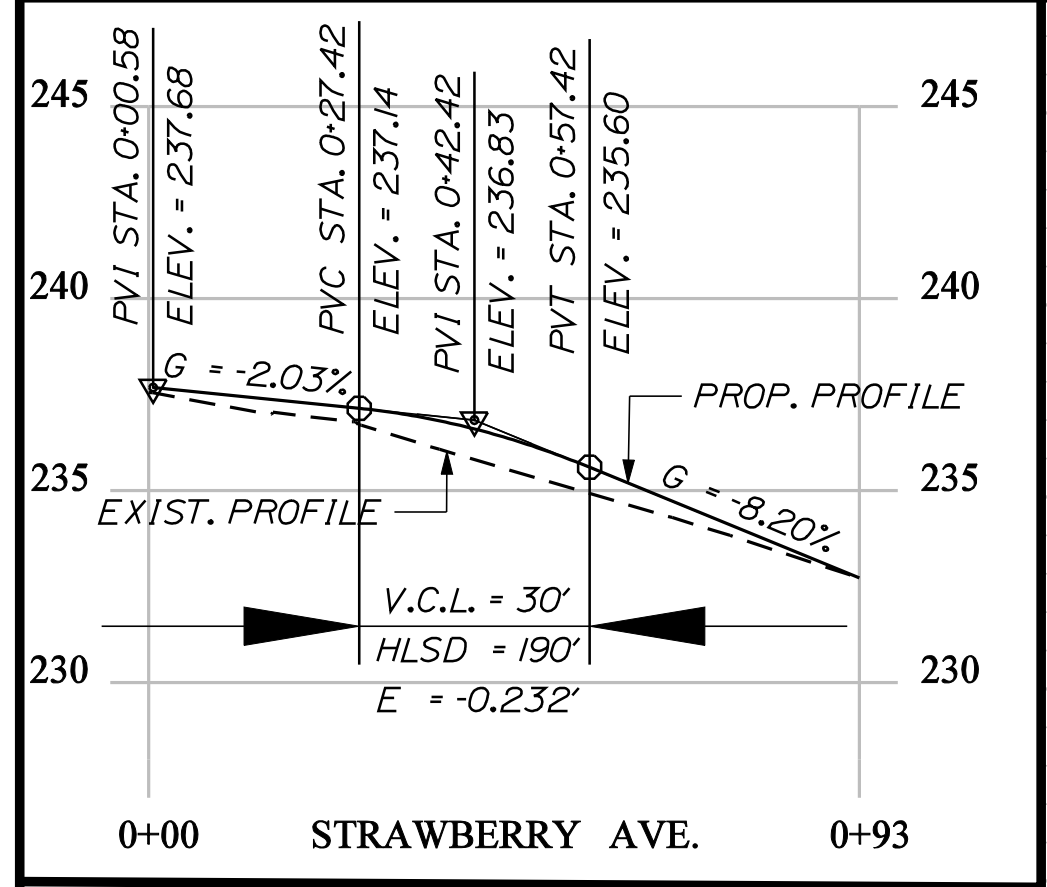
PALATINE, LLC
 PP 32

DRIVES AND ENTRANCES

STATIONING	TYPE	CURB OPENING
8+55.00 LT	PAVED DR.	20 FT
9+27.00 LT	PAVED ENT.	25 FT
13+80.00 LT	PAVED DR.	32 FT

PAVED WALK

STATION	WIDTH	LENGTH
8+18.70	35' LT	4.8 FT 3 FT
8+85.50	35' LT	3.7 FT 3 FT



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
AC-STP-1306(000)X	
PIN 13060.00	
HIGHWAY PLANS	
PROJ. MANAGER	P. MACDONALD
BY	M. SWINDELL
DATE	SEPT 2011
DESIGNED/REVIEWED	
CHECKED/REVIEWED	
DESIGNED/TAILED	
DESIGNED/TAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	
SIGNATURE	
P.E. NUMBER	
DATE	
LEWISTON MAIN STREET PLANS	
SHEET NUMBER	
12	
OF 38	

Date: 2/6/2012

Username: rhobe.moulton

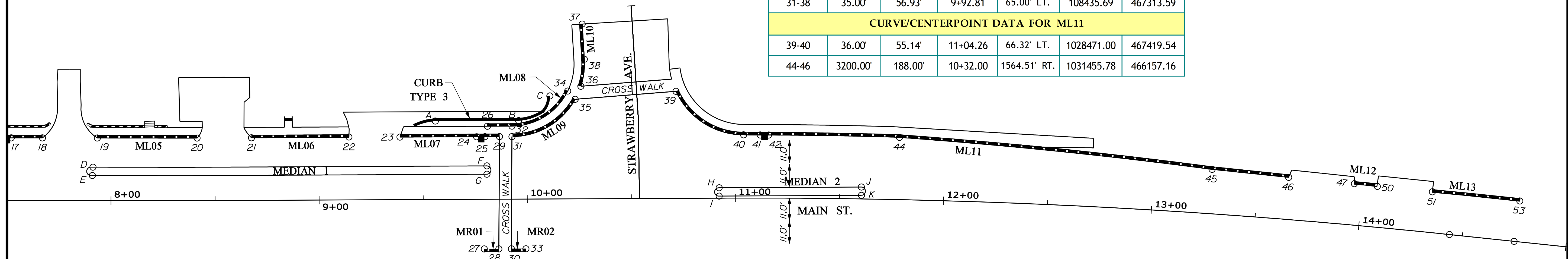
Division: HIGHWAY

Filename: ... \msta\014_Geometry_02.dgn

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR CURB TYPE 3				
A	9+56.03	37.63' LT.	1028449.51	467269.88
B	9+96.03	37.63' LT.	1028462.61	467307.68
C	10+11.11	49.40' LT.	1028456.42	467325.78
NOTE B-C				
1) EXACT LAYOUT AS DERECTED BY RESIDENT				
2) AVOID PRVATE CATCH BASIN				
3) MAINTAIN 1.5 TO 1 SLOPE (REFERENCE: CROSS SECTIONS)				

PT. to PT.	RADIUS	STATION	OFFSET	X COORD	Y COORD
CURVE/CENTERPOINT DATA FOR MEDIAN 1					
D - E	2.00'	7+90.29	14.01' LT.	1028417.35	467105.72
F - G	2.00'	9+80.61	14.00' LT.	1028479.89	467285.38
CURVE/CENTERPOINT DATA FOR MEDIAN 2					
H - I	2.00'	10+92.05	2.96' LT.	1028526.79	467387.06
J - K	2.00'	11+60.45	3.71' LT.	1028549.15	467451.78

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
CURVE/CENTERPOINT DATA FOR ML08						
32-34	30.00'	33.33'	9+92.81	65.00' LT.	1028435.69	467313.59
CURVE/CENTERPOINT DATA FOR ML09 - ML10						
31-38	35.00'	56.93'	9+92.81	65.00' LT.	108435.69	467313.59
CURVE/CENTERPOINT DATA FOR ML11						
39-40	36.00'	55.14'	11+04.26	66.32' LT.	1028471.00	467419.54
44-46	3200.00'	188.00'	10+32.00	1564.51' RT.	1031455.78	466157.16



POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ML05				
19	7+93.39	30.00' LT.	1028403.31	467113.97
20	8+41.50	30.00' LT.	1028419.24	467159.16
CONTROL POINTS FOR ML06				
21	8+67.64	30.00' LT.	1028427.80	467183.86
22	9+14.47	30.16' LT.	1028442.98	467228.16
CONTROL POINTS FOR ML07				
23	9+38.97	30.00' LT.	1028451.15	467251.27
24	9+75.80	30.00' LT.	1028453.49	467258.04
25	9+79.80	30.01' LT.	1028454.80	467261.82
29	9+86.80	30.00' LT.	1028466.80	467296.46
CONTROL POINTS FOR ML08				
26	9+81.03	35.01' LT.	1028460.18	467292.64
32	9+92.80	35.00' LT.	1028464.03	467303.77
34	10+19.69	51.69' LT.	1028457.06	467334.64
CONTROL POINTS FOR ML09				
31	9+92.80	30.00' LT.	1028468.76	467302.13
35	10+23.26	47.75' LT.	1028461.96	467336.72

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR MR01				
27	9+79.25	23.82' RT.	1028515.19	467271.21
28	9+86.25	23.83' RT.	1028517.48	467278.32
CONTROL POINTS FOR MR02				
30	9+92.25	23.83' RT.	1028519.45	467283.99
33	9+99.25	23.84' RT.	1028521.75	467290.60
CONTROL POINTS FOR MEDIAN 1				
D	7+91.00	16.00' LT.	1028415.81	467107.32
E	7+91.00	12.00' LT.	1028419.48	467105.72
F	9+80.70	16.00' LT.	1028478.03	467286.10
G	9+80.70	12.00' LT.	1028481.80	467284.79
CONTROL POINTS FOR MEDIAN 2				
H	10+92.25	5.00' LT.	1028524.96	467387.91
I	10+92.25	1.00' LT.	1028528.74	467386.60
J	11+60.60	5.75' LT.	1028547.28	467452.51
K	11+60.60	1.75' LT.	1028551.06	467451.20

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ML10				
36	10+26.02	53.97' LT.	1028456.98	467341.37
37	10+26.81	83.83' LT.	1028429.03	467351.88
38	10+27.75	66.95' LT.	1028445.28	467347.25
CONTROL POINTS FOR ML11				
39	10+71.74	51.33' LT.	1028474.44	467383.70
40	11+04.02	30.32' LT.	1028504.90	467407.41
41	11+11.94	30.27' LT.	1028507.60	467414.95
42	11+15.90	30.25' LT.	1028508.95	467418.71
44	11+78.22	29.85' LT.	1028530.90	467477.66
45	13+27.78	21.29' LT.	1028595.20	467614.27
46	13+64.57	20.19' LT.	1028611.05	467647.75
CONTROL POINTS FOR ML12				
47	13+96.07	19.86' LT.	1028624.36	467676.52
50	14+07.11	19.56' LT.	1028629.25	467686.49
CONTROL POINTS FOR ML13				
51	14+33.53	19.55' LT.	1028640.47	467710.59
53	14+75.69	19.55' LT.	1028658.56	467748.75

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	P. MACDONALD	DATE	SEPT 2011
CHECKED/REVIEWED	M. SWINDELLS/BJ. TRAN	SIGNATURE	
DESIGNED/DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LEWISTON
MAIN STREET
GEOMETRIC PLANS

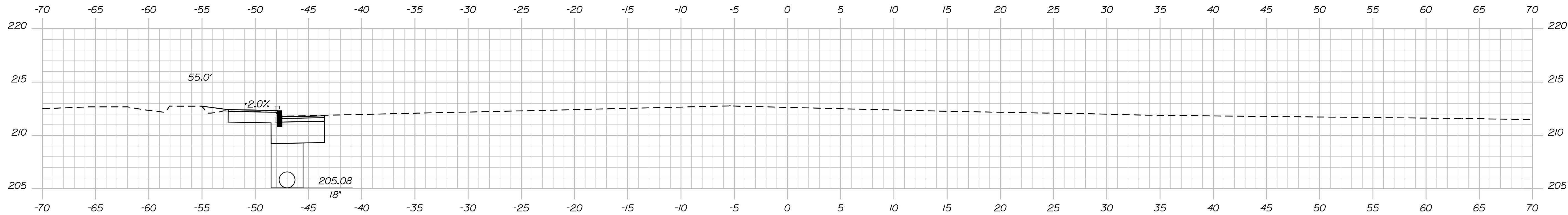
SHEET NUMBER
14
OF 38

Date: 2/29/2012

Username: rhobe.moulton

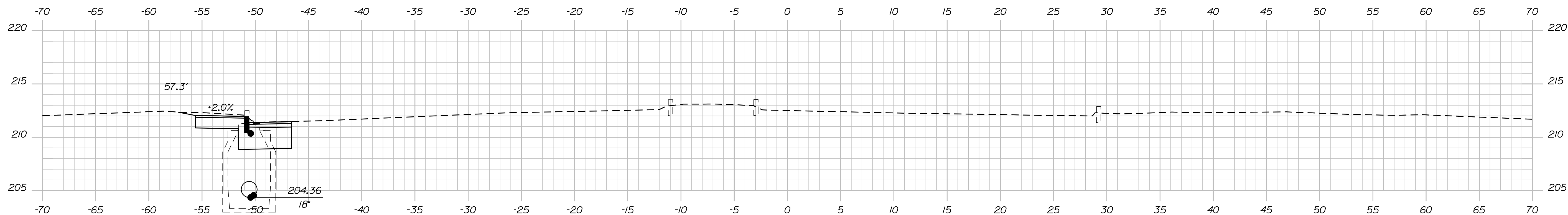
Division: HIGHWAY

Filename: ... \MSTA015_Xsect_0-75_001.dgn



CUT = 17.18 CY
FILL = 0.84 CY

1+25.00

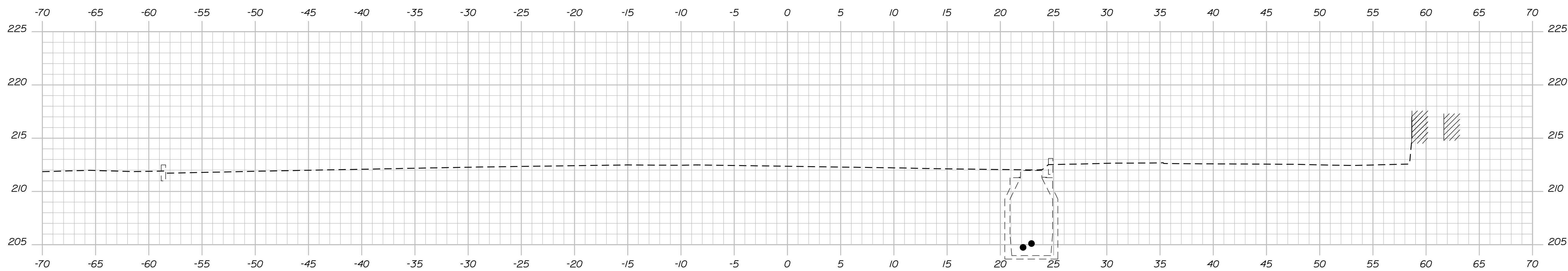


CUT = 19.21 CY

STA. 0+92. ± 50.60' LT. (EXISTING CB)
TO CB#2 LT.
INSTALL 18" X 258' UD TYPE C

LIMIT OF WORK STA. 0+90.00

1+00.00



0+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(000)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
P. MACDONALD	SEPT 2011	M. SWINDELLS BT TRAN	
CHECKED-REVIEWED			SIGNATURE
DESIGNS DET AILED			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LEWISTON
MAIN STREET
CROSS SECTIONS

SHEET NUMBER
15
OF 38

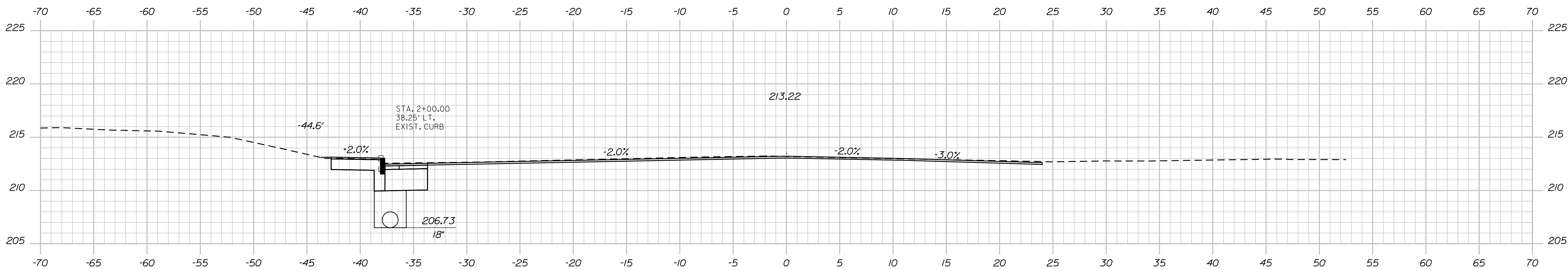
Sta. 0+75.00 to Sta. 1+25.00

Date: 2/29/2012

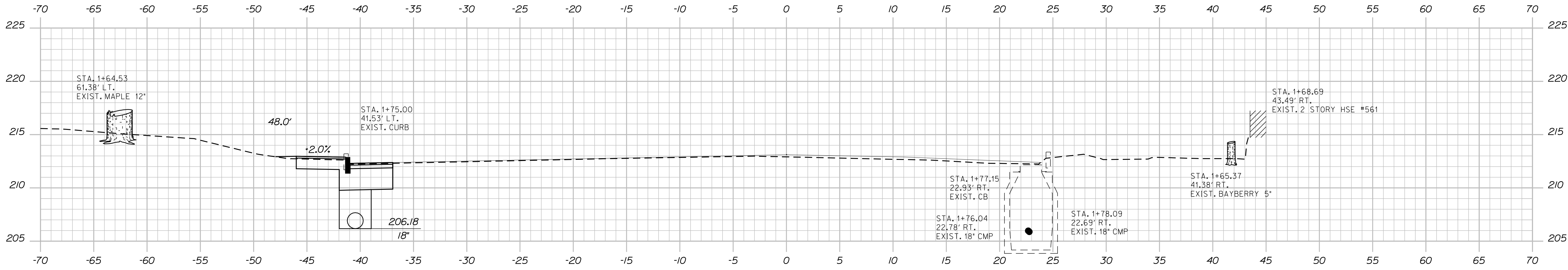
Username: rhobe.moulton

Division: HIGHWAY

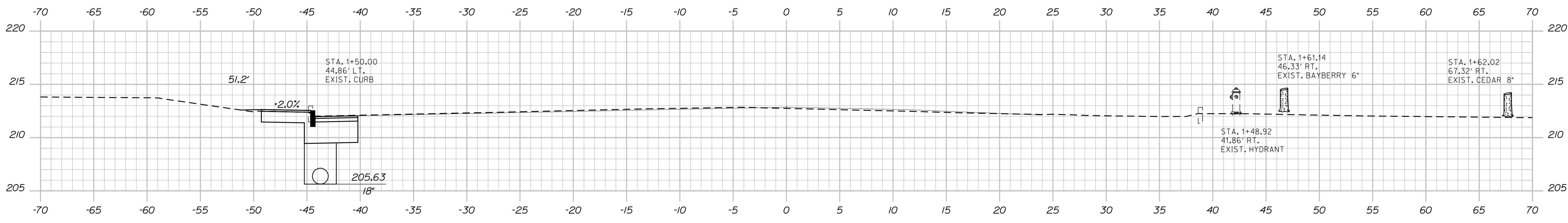
Filename: ... \msta\016_xsect_1+50_002.dgn



STA. 2+00.00
 BEGIN PROJECT AC-STP-1306(000)X
 MATCH EXISTING



CUT = 16.25 CY
 FILL = 0.29 CY



CUT = 17.18 CY
 FILL = 0.19 CY

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 AC-STP-1306(000)X
 PIN 13060.00
 HIGHWAY PLANS

PROJ. MGR.	DATE	BY	DATE
P. MADONALD	SEPT 2011	M. SWINDELLS	BT TRAN
DESIGN DETAILED			
CHECKED-REVIEWED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LEWISTON
 MAIN STREET
 CROSS SECTIONS

SHEET NUMBER
16
 OF 38

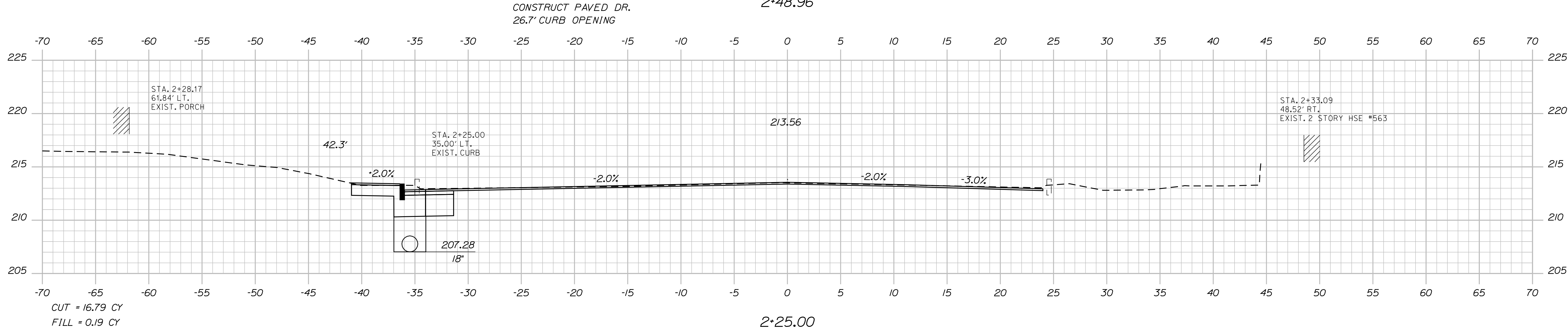
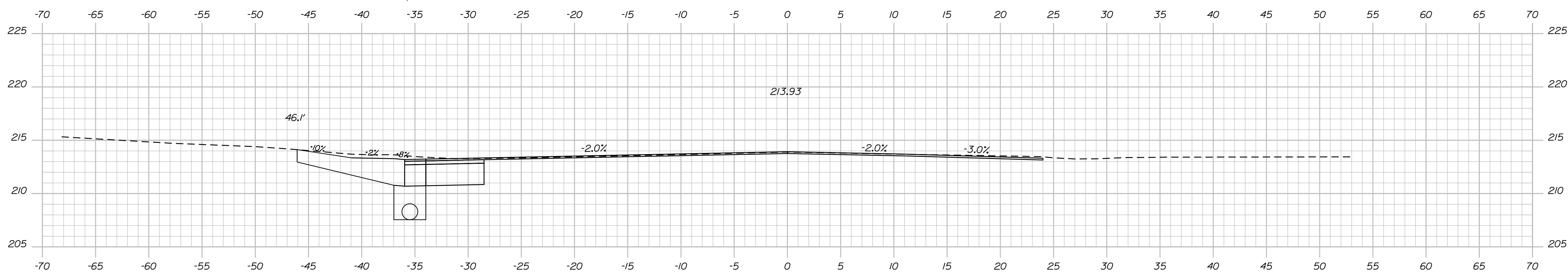
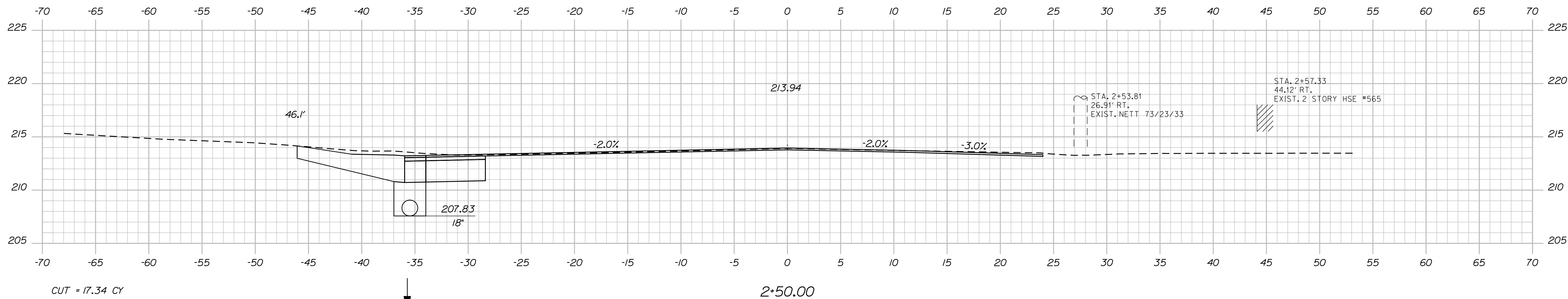
Sta. 1+50.00 to Sta. 2+00.00

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msto\017_Xsect\2-25_003.dgn



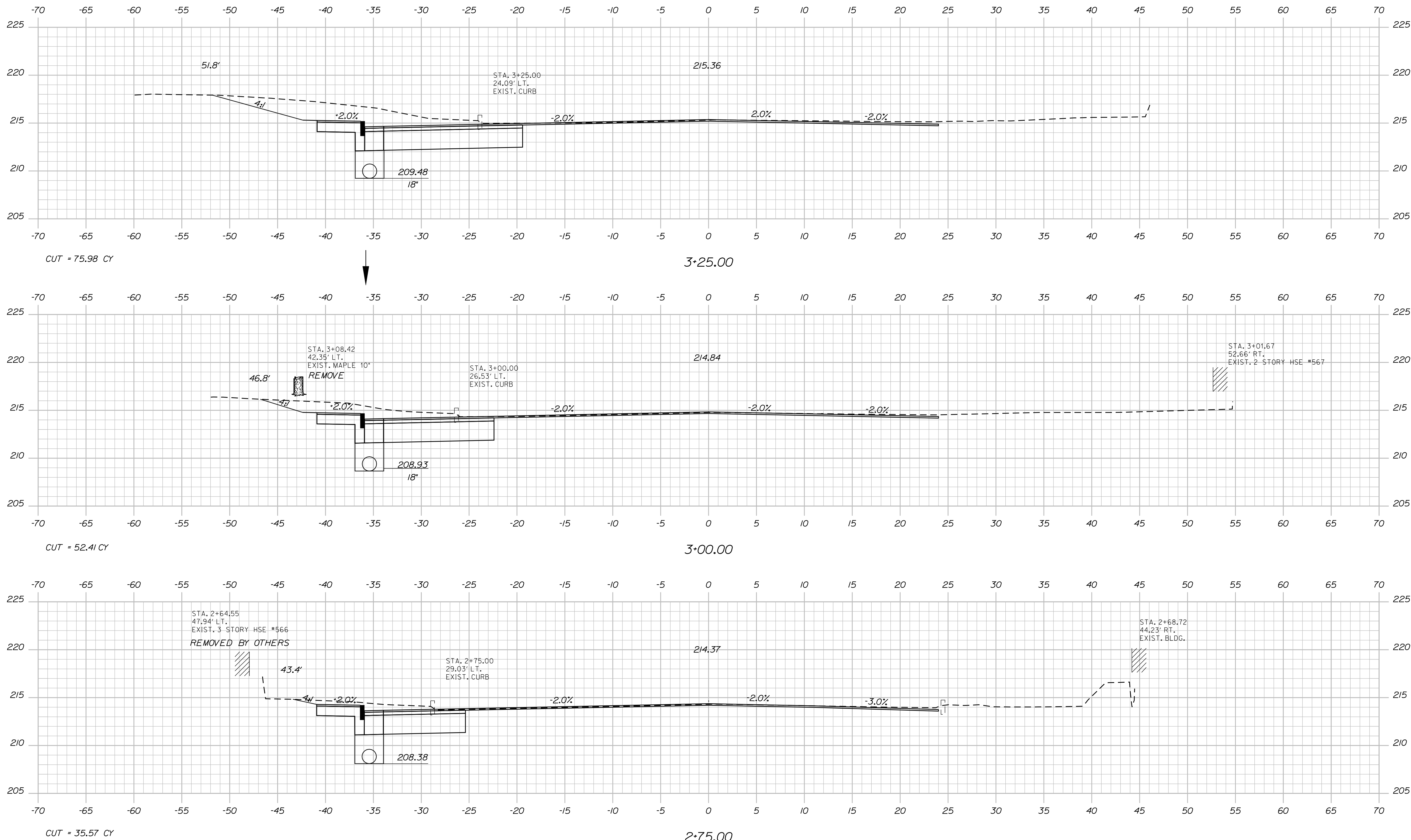
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		AC-STP-1306(000)X	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
PROJ. MANAGER	P. MADDONALD	BY	M. SWINDELLS BT TRAN
CHECKED-REVIEWED	M. SWINDELLS	DATE	SEPT 2011
DESIGN DETAILED		DESIGN DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES			
LEWISTON MAIN STREET CROSS SECTIONS			
SHEET NUMBER			
17			
OF 38			

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msto\018_Xsect\2-75_004.dgn



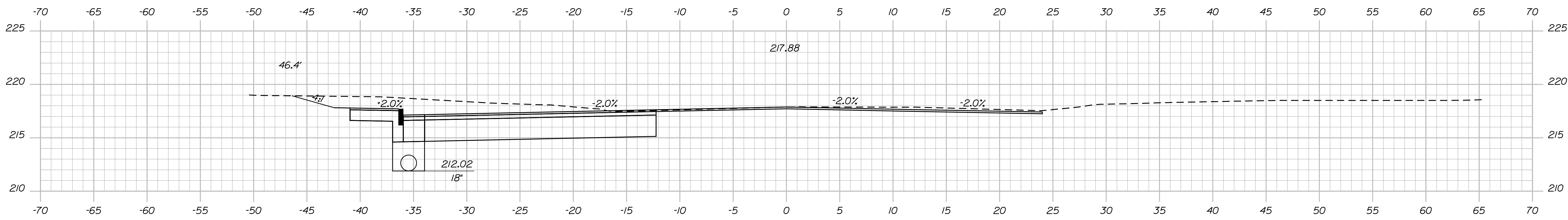
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		AC-STP-1306(00)X	
PIN 13060.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
PROJ. MANAGER P. MADDONALD	BY M. SWINDELLS BT TRAN	DATE SEPT 2011	
DESIGN DETAILED	CHECKED-REVIEWED	DESIGN DETAILED	DESIGN DETAILED
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
FIELD CHANGES			
LEWISTON MAIN STREET		CROSS SECTIONS	
SHEET NUMBER			
18			
OF 38			

Date: 2/29/2012

Username: rhobe.moulton

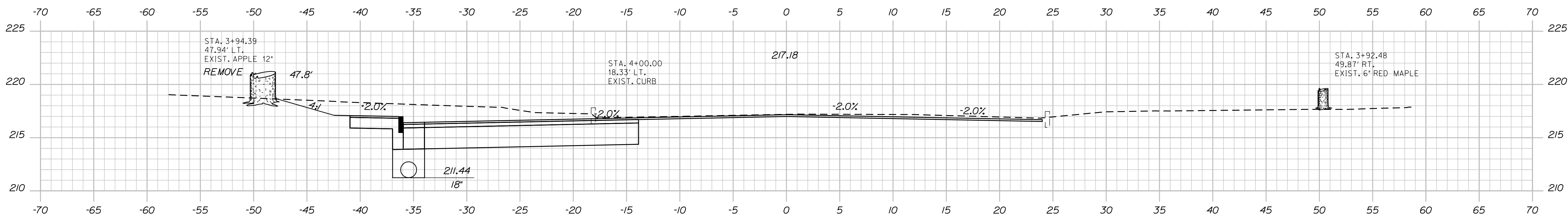
Division: HIGHWAY

Filename: ... \msta\019_Xsect_3-50_005.dgn



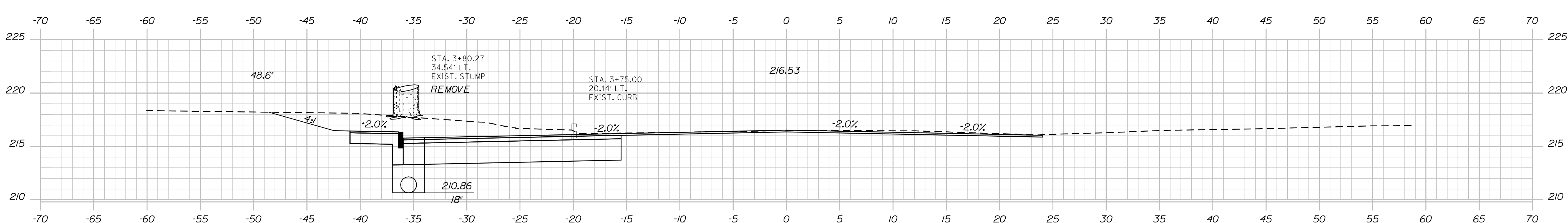
CUT = 88.63 CY
FILL = 3.10 CY

4*25.00



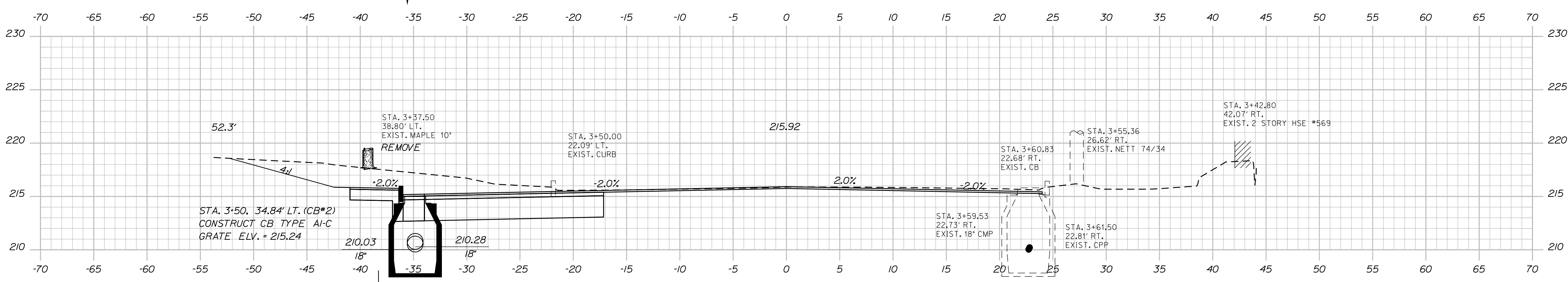
CUT = 88.92 CY

4*00.00



CUT = 87.13 CY

3*75.00



CUT = 87.41 CY

3*50.00

STA. 3+50, 34.84' LT. (CB*2)
CONSTRUCT CB TYPE A1-C
GRATE ELEV. = 215.24

CB*2 TO CB*4 LT.
INSTALL 18" X 200' UD TYPE C

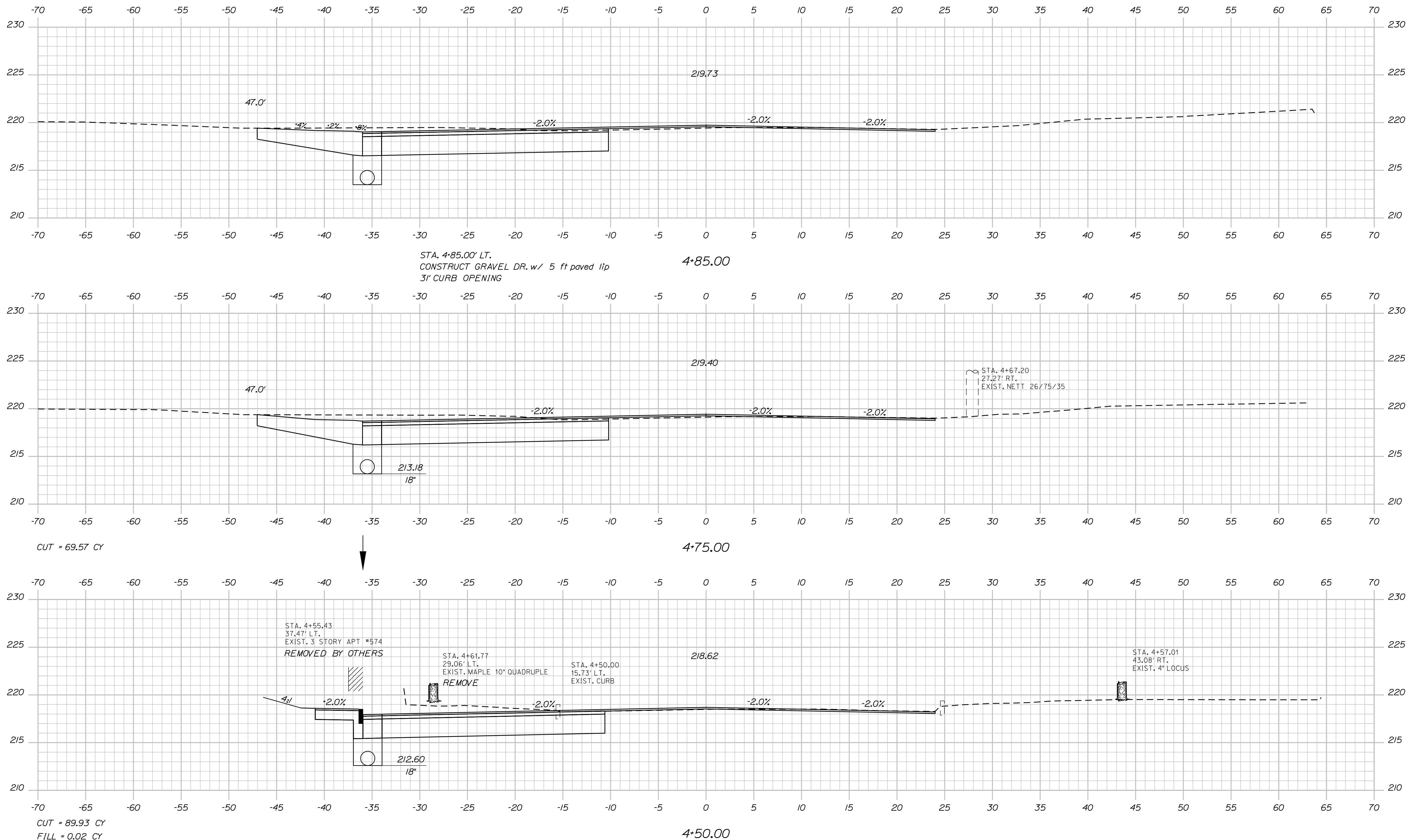
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		AC-STP-1306(000)X		PIN 13060.00		HIGHWAY PLANS	
PROJ. MANAGER		BY		DATE		SIGNATURE		P.E. NUMBER	
P. MADDONALD		M. SWINDELLS/BJ TRAN		SEPT 2011		[Signature]		[P.E. Number]	
DESIGN/REVIEWED		CHECKED/REVIEWED		DESIGN/REVIEWED		DESIGN/REVIEWED		REVISIONS	
[Signature]		[Signature]		[Signature]		[Signature]		1	
[Signature]		[Signature]		[Signature]		[Signature]		2	
[Signature]		[Signature]		[Signature]		[Signature]		3	
[Signature]		[Signature]		[Signature]		[Signature]		4	
[Signature]		[Signature]		[Signature]		[Signature]		FIELD CHANGES	
LEWISTON		MAIN STREET		CROSS SECTIONS		SHEET NUMBER		19	
OF 38									

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\020_Xsect_4+50_006.dgn



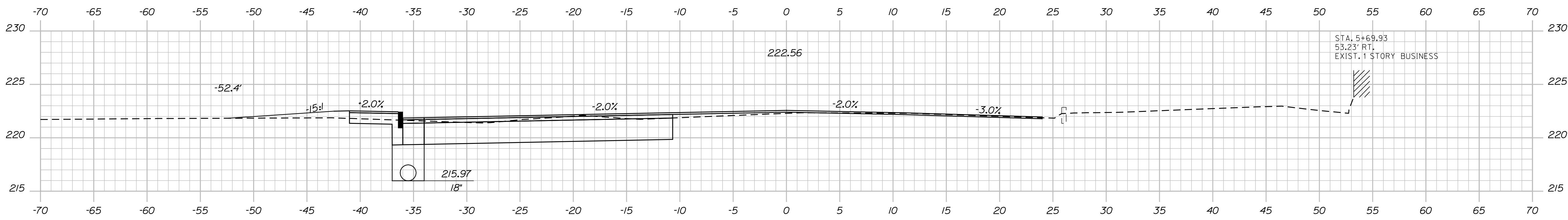
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
AC-STP-1306(00)X		HIGHWAY PLANS	
PIN 13060.00		DATE	
PROJ. MANAGER	P. MADONALD	BY	M. SWINDELLS BT TRAN
CHECKED-REVIEWED	DATE	DATE	DATE
DESIGN DETAILED	DESIGN DETAILED	DESIGN DETAILED	DESIGN DETAILED
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
FIELD CHANGES		FIELD CHANGES	
LEWISTON MAIN STREET		CROSS SECTIONS	
SHEET NUMBER		20	
OF 38		OF 38	

Date: 2/29/2012

Username: rhobe.moulton

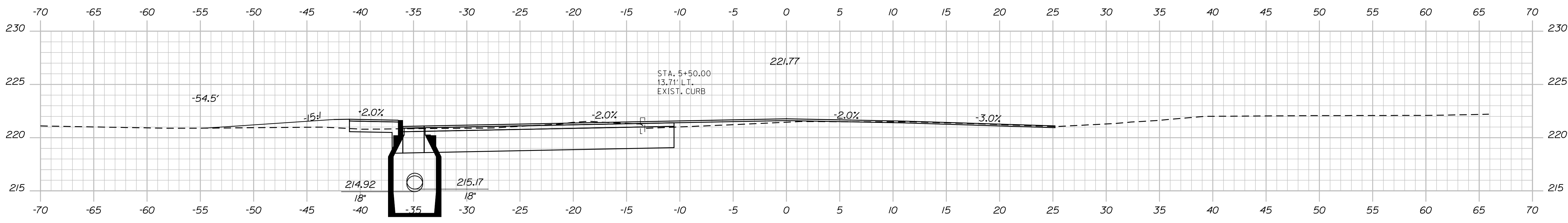
Division: HIGHWAY

Filename: ... \mst021.Xsect_5+00_007.dgn



CUT = 58.03 CY

5+75.00

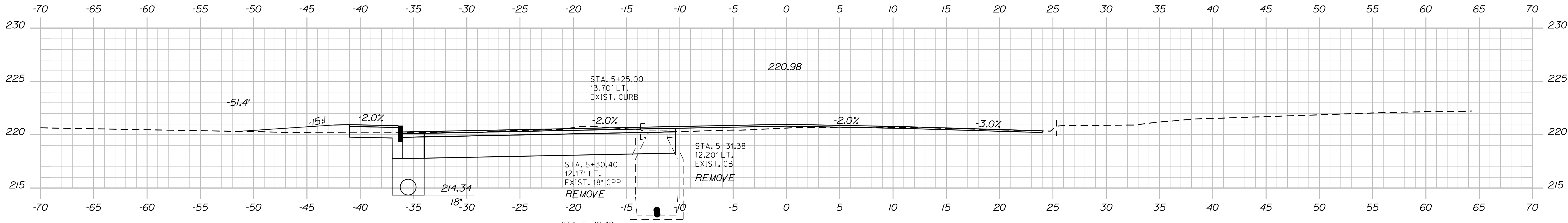


CUT = 61.77 CY

5+50.00

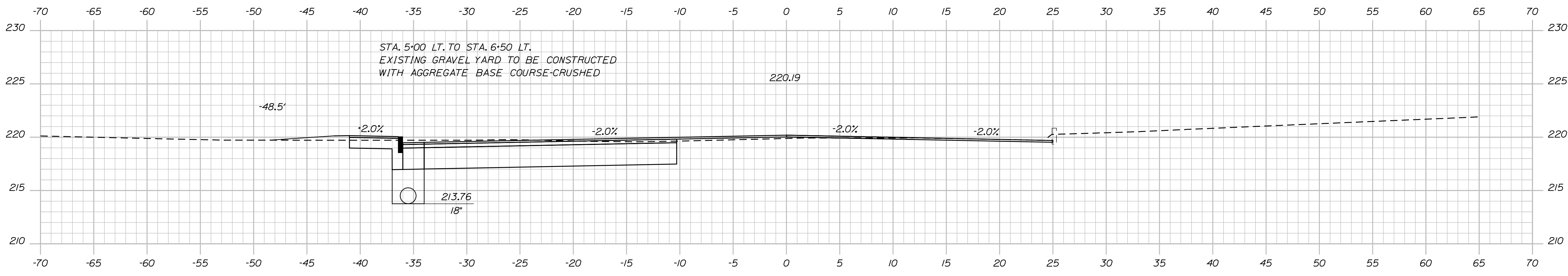
STA. 5+50, 34.88' LT. (CB*4)
 CONSTRUCT CB TYPE A1-C
 GRATE ELEV. = 220.88

CB*4 TO CB*6 LT.
 INSTALL 18" X 19" UD TYPE C



CUT = 66.62 CY

5+25.00



CUT = 69.31 CY

5+00.00

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 AC-STP-1306(00)X
 PIN 13060.00
 HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
P. MADONALD	M. SWINDELLS BT TRAN	SEPT 2011

DESIGN-REVIEWED	CHECKED-REVIEWED	DESIGN-REVIEWED	DESIGN-REVIEWED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES

LEWISTON
 MAIN STREET
 CROSS SECTIONS

SHEET NUMBER
 21
 OF 38

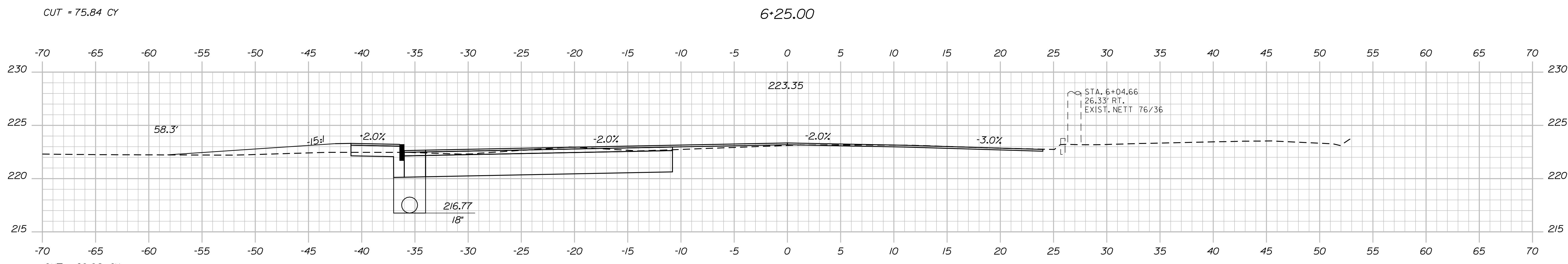
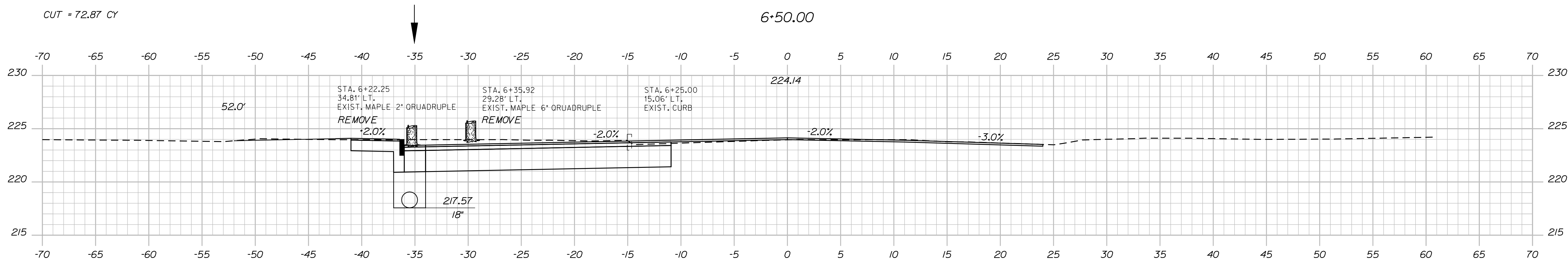
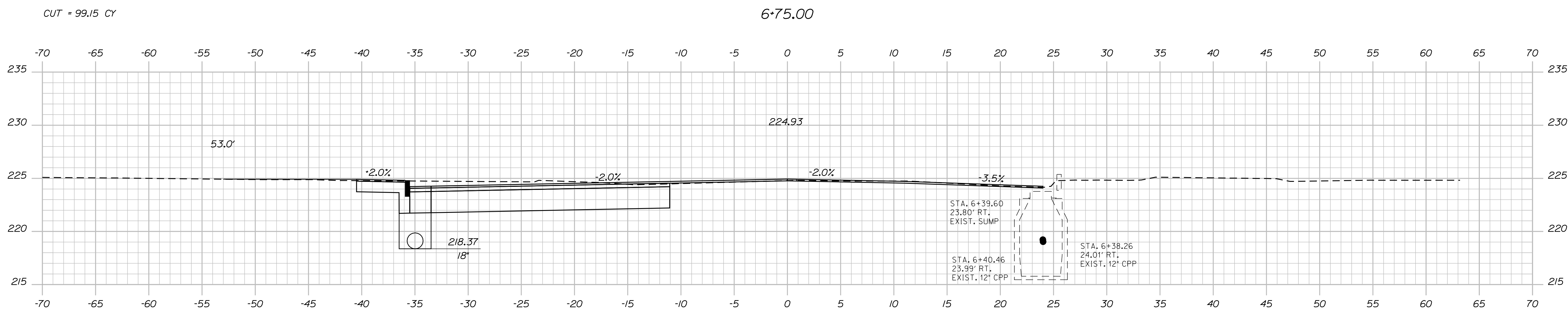
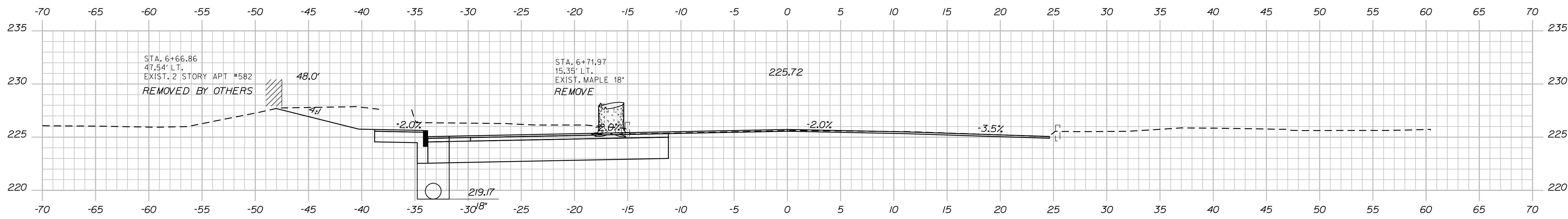
Sta. 5+00.00 to Sta. 5+75.00

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \MSTA\022_xsect_6-00_008.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
P. MACDONALD	M. SWINDELLS/BJ TRAN	SEPT 2011			
DESIGN/DETAILED	CHECKED/REVIEWED	DESIGN/DETAILED	DESIGN/DETAILED	REVISIONS 1	REVISIONS 2
REVISIONS 3	REVISIONS 4	FIELD CHANGES			

LEWISTON
MAIN STREET
CROSS SECTIONS

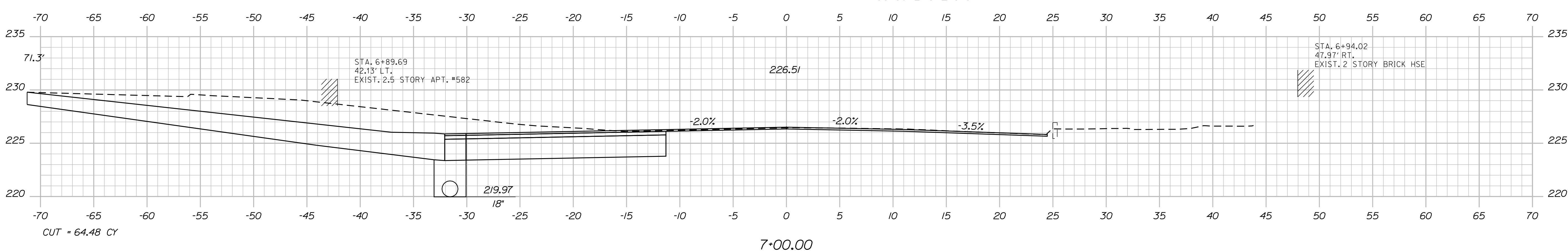
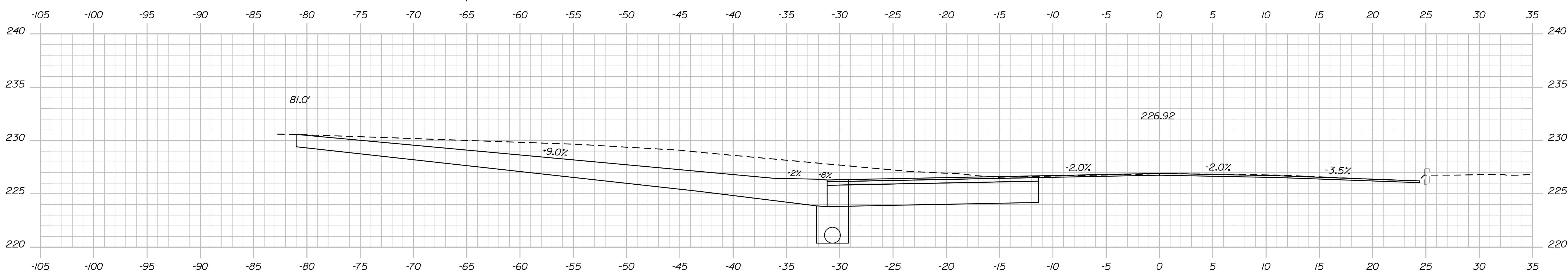
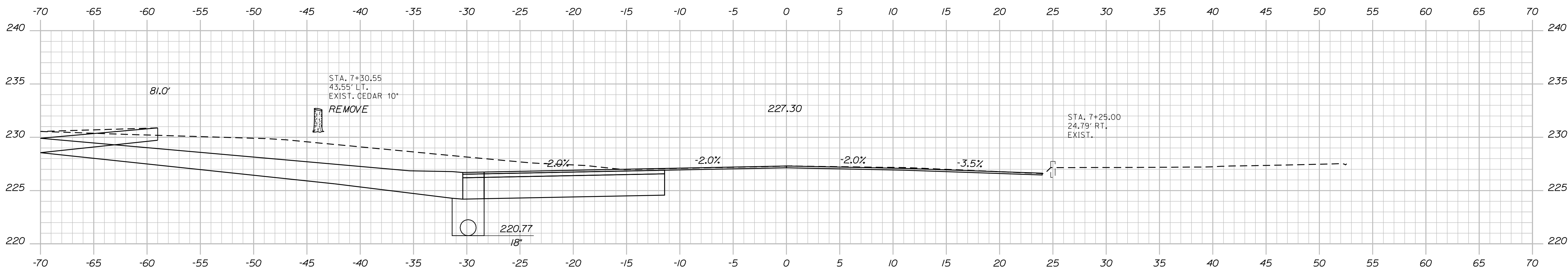
SHEET NUMBER
22
OF 38

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\023_Xsect_7+00_009.dgn



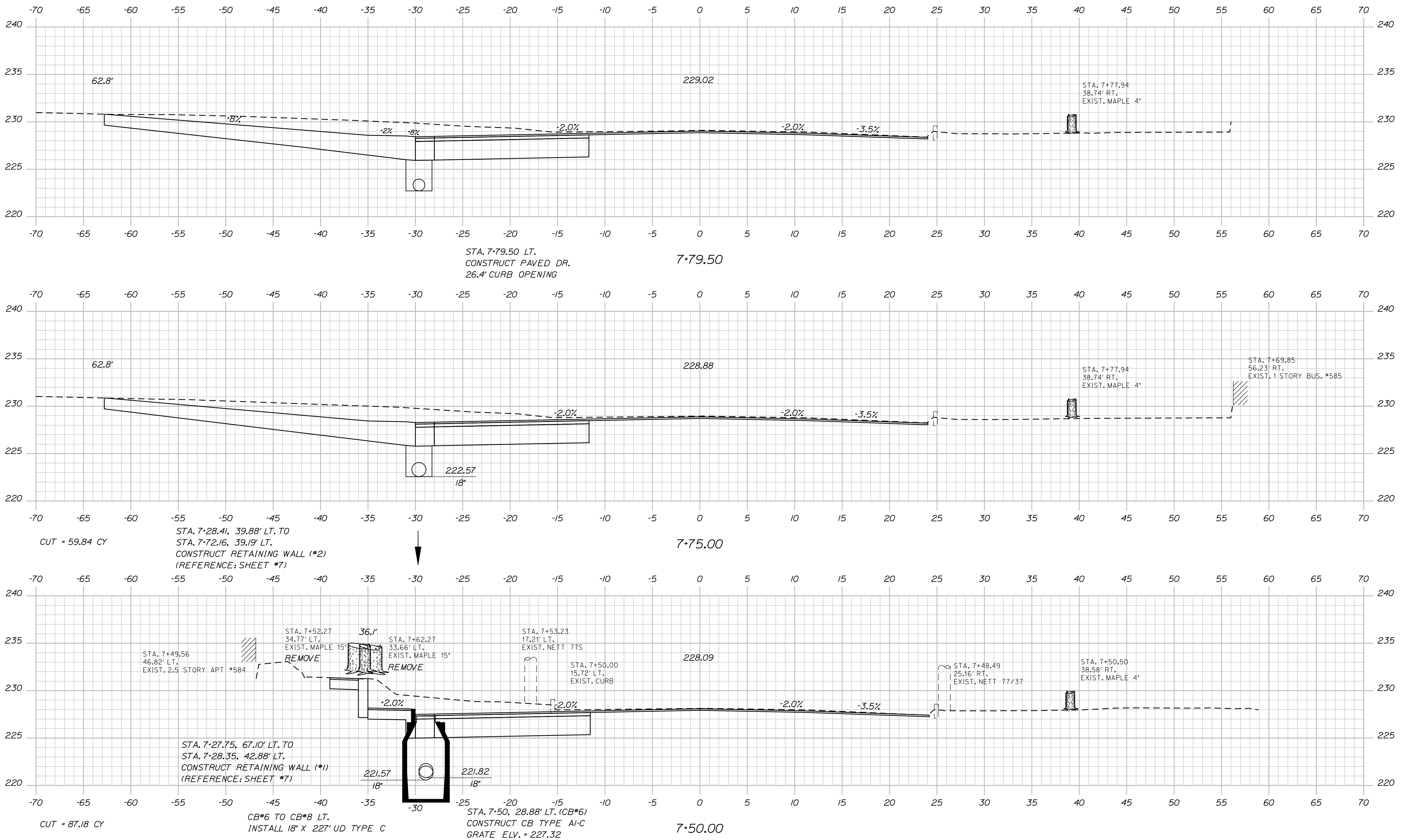
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		AC-STP-1306(000)X	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
PROJ. MANAGER	P. MADONALD	BY	M. SWINDELLS BT TRAN
CHECKED-REVIEWED	M. SWINDELLS	DATE	SEPT 2011
DESIGNS DET AILED		REVISIONS 1	
REVISIONS 1		REVISIONS 2	
REVISIONS 2		REVISIONS 3	
REVISIONS 3		REVISIONS 4	
REVISIONS 4		FIELD CHANGES	
LEWISTON MAIN STREET		CROSS SECTIONS	
SHEET NUMBER		23	
		OF 38	

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msto\024_xsect_7+50_010.dgn



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
AC-STP-1306(00)X		HIGHWAY PLANS	
PIN 13060.00		DATE	
SIGNATURE		P.E. NUMBER	
DATE		FIELD CHANGES	
DESIGN-DETAILED	BY	DATE	
CHECKED-REVIEWED	P. MACDONALD	SEPT 2011	
DESIGN-DETAILED	M. SWINDELLS/BJ TRAN		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
LEWISTON MAIN STREET		CROSS SECTIONS	
SHEET NUMBER		24	
		OF 38	

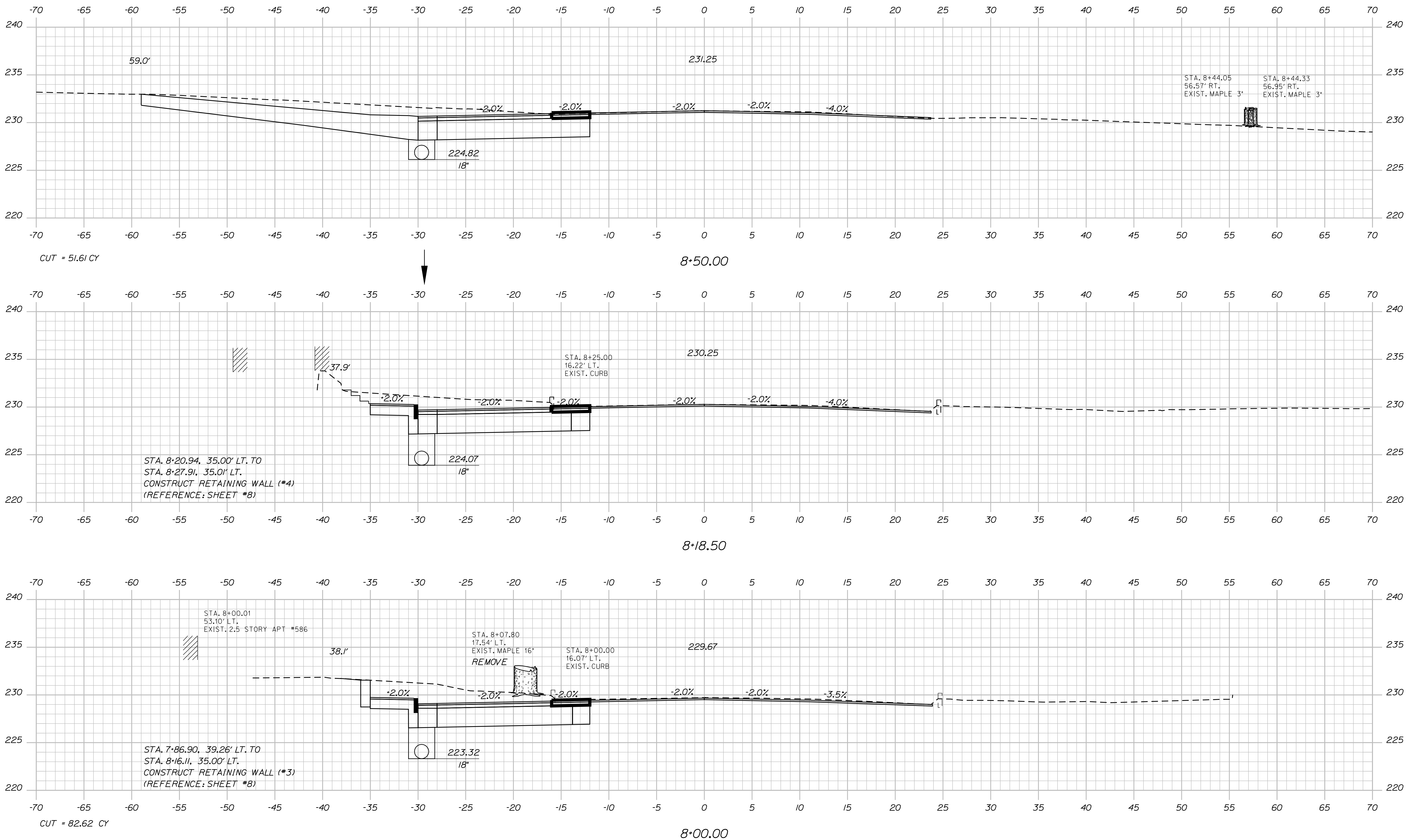
Sta. 7+50.00 to Sta. 7+79.50

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msto\025_Xsect_8-00_011.dgn



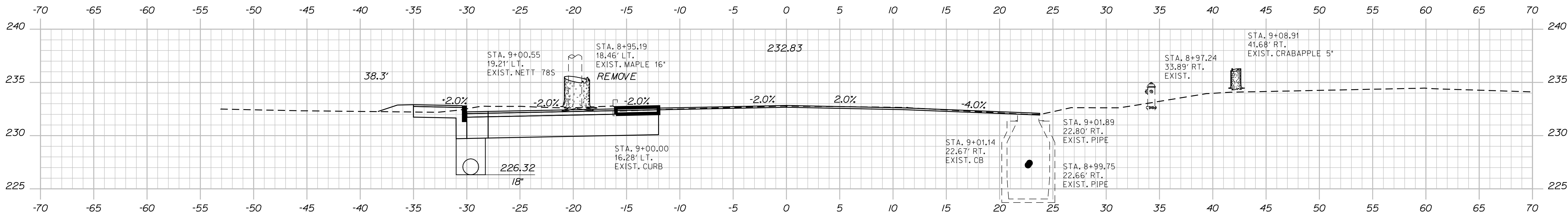
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		AC-STP-1306(00)X	
PIN 13060.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
PROJ. MANAGER P. MADDONALD	BY M. SWINDELLS BT TRAN	DATE SEPT 2011	
DESIGN CHECKED M. SWINDELLS	DESIGN REVIEWED M. SWINDELLS	DESIGN DETAILED M. SWINDELLS	FIELD CHANGES
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
LEWISTON MAIN STREET CROSS SECTIONS			
SHEET NUMBER 25 OF 38			

Date: 2/29/2012

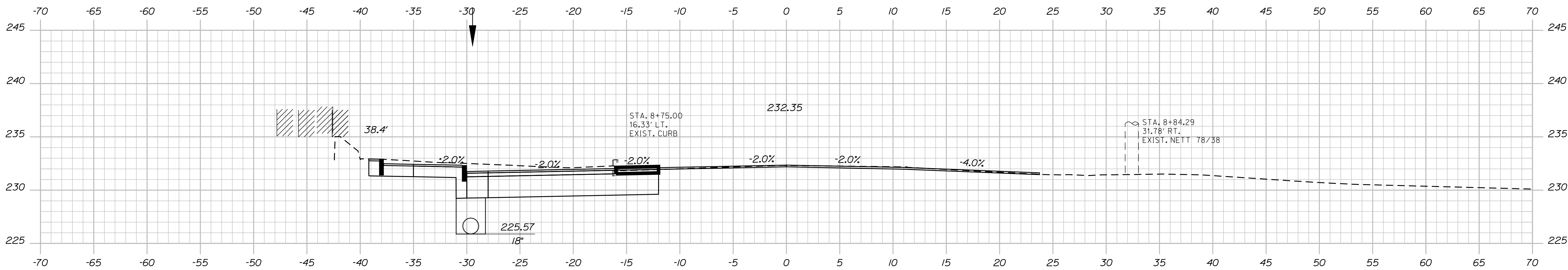
Username: rhobe.moulton

Division: HIGHWAY

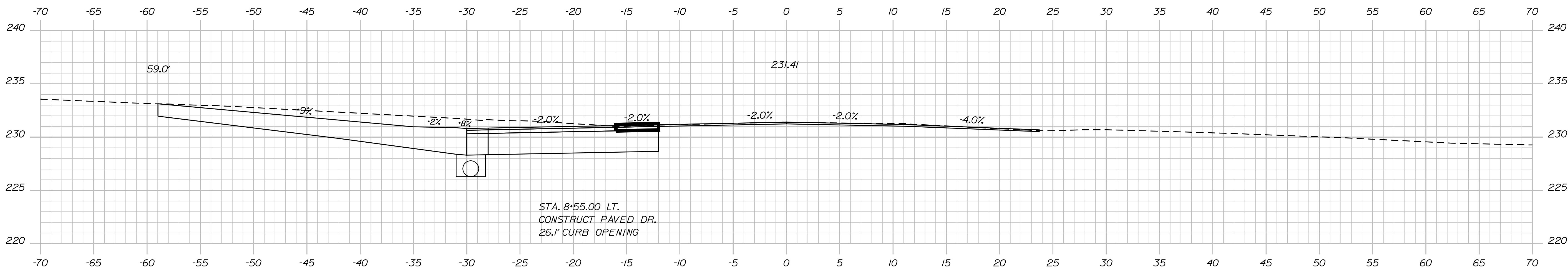
Filename: ... \msta\026_Xsect_8+55_012.dgn



CUT = 53.83 CY
FILL = 1.56 CY



STA. 8+85.00, 38' LT.
INSTALL 3" VERTICAL CURB TYPE 1
AS DIRECTED BY THE RESIDENT.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
HIGHWAY PLANS

DESIGN/REVIEWED	DATE	SIGNATURE
DESIGNED	SEPT 2011	
CHECKED		
DESIGNED/REVIEWED		
DESIGNED/REVIEWED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

LEWISTON
MAIN STREET
CROSS SECTIONS

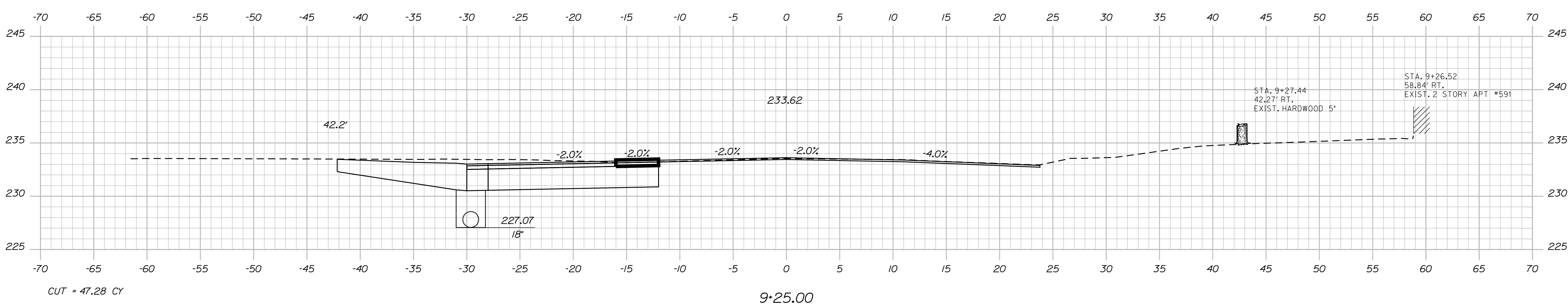
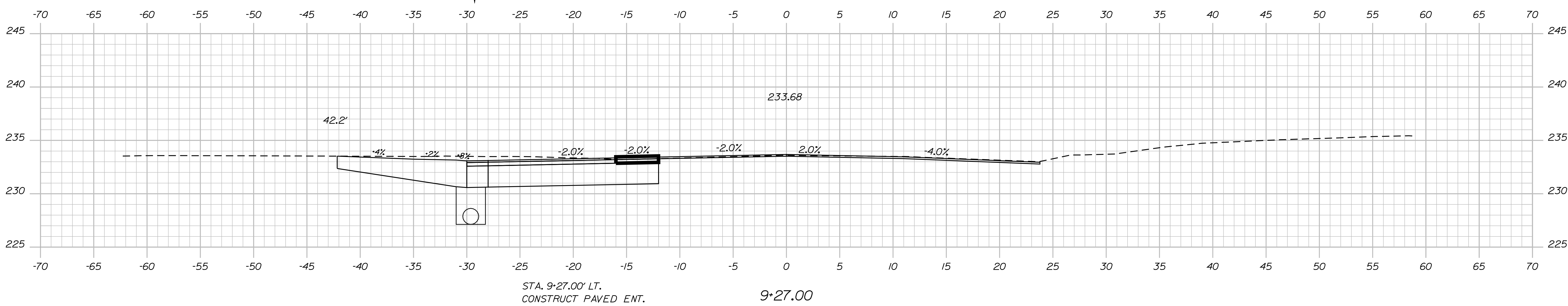
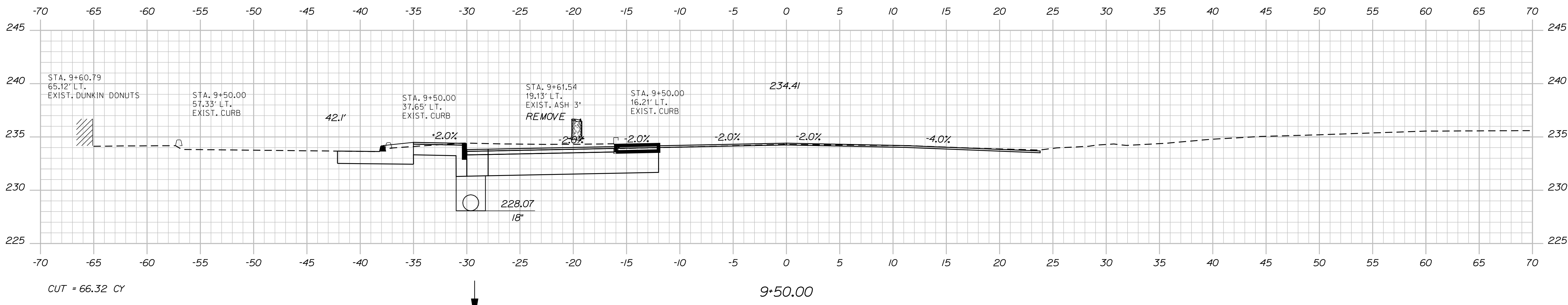
SHEET NUMBER
26
OF 38

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\027_xsect_9-25_013.dgn



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
AC-STP-1306(00)X		HIGHWAY PLANS	
PIN 13060.00		DATE	
SIGNATURE		P.E. NUMBER	
DATE		FIELD CHANGES	
PROJ. MANAGER	P. MADDONALD	BY	M. SWINDELLS BT TRAN
CHECKED/REVIEWED		DATE	SEPT 2011
DESIGN DET AILED		DESIGN DET AILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	

LEWISTON
MAIN STREET
CROSS SECTIONS

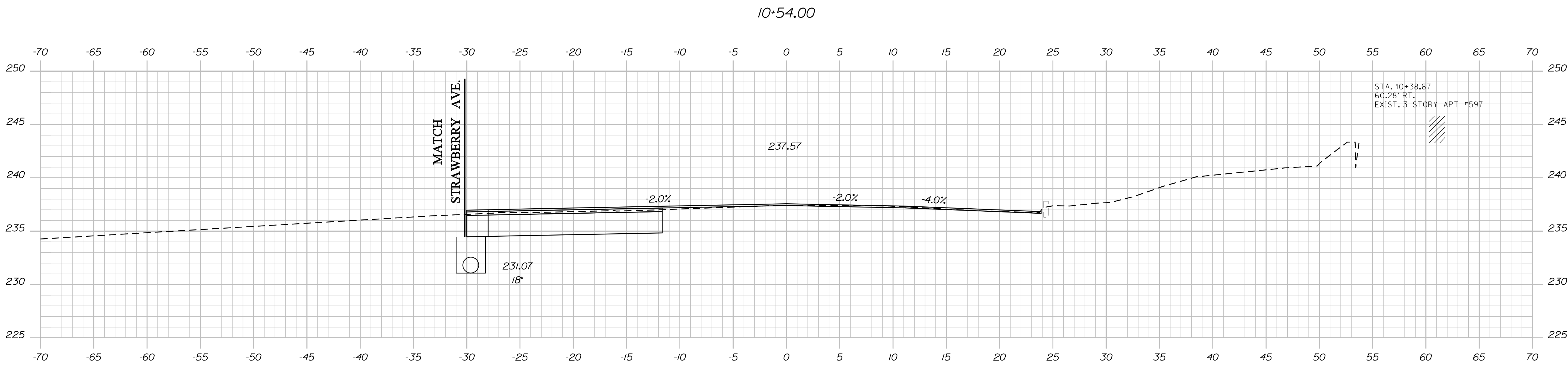
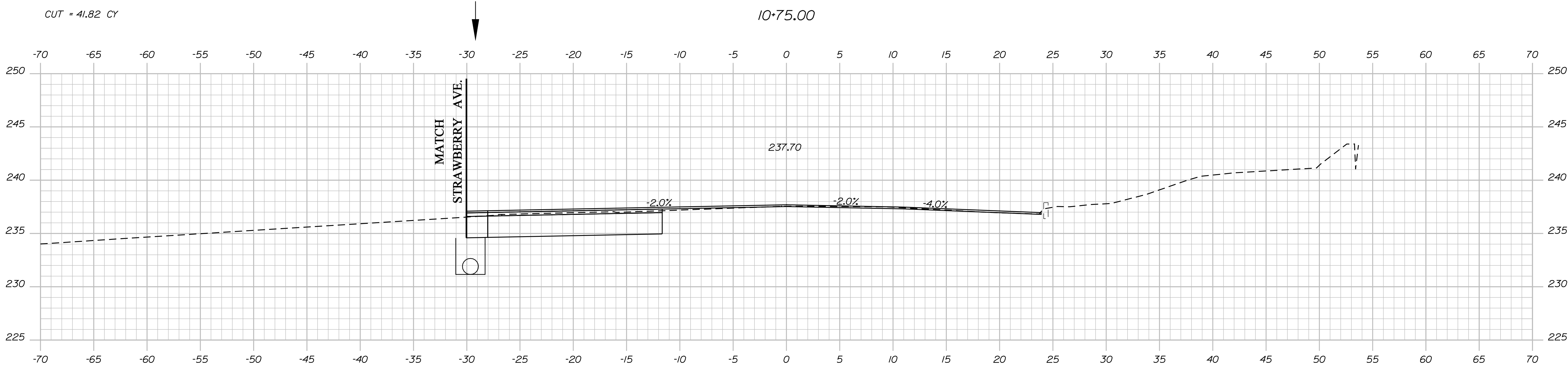
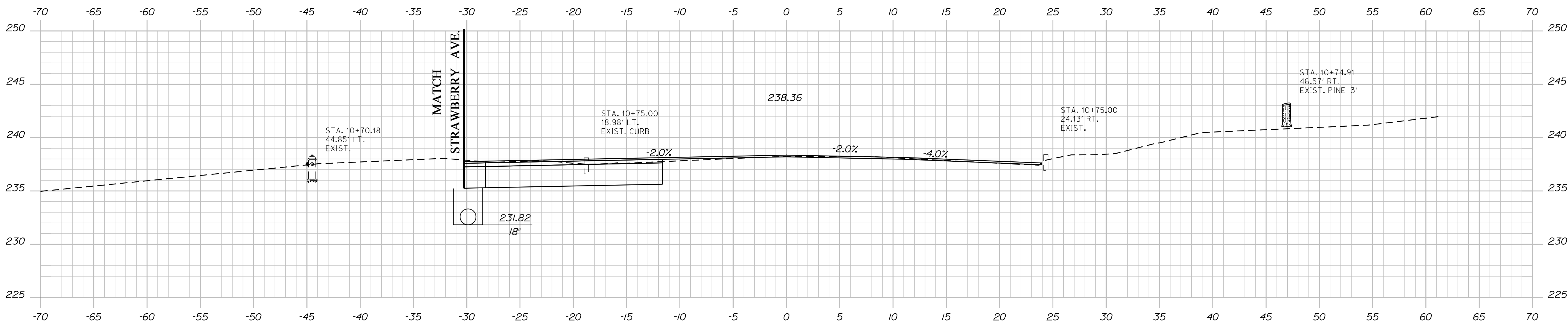
SHEET NUMBER
27
OF 38

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \mst029_Xsect_10+50_015.dgn



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 AC-STP-1306(00)X
 PIN 13060.00
 HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	DATE
P. MACDONALD	SEPT 2011	M. SWINDELLS/ BT TRAN	
CHECKED-REVIEWED			SIGNATURE
DESIGNS DET AILED			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LEWISTON
 MAIN STREET
 CROSS SECTIONS

SHEET NUMBER
 29
 OF 38

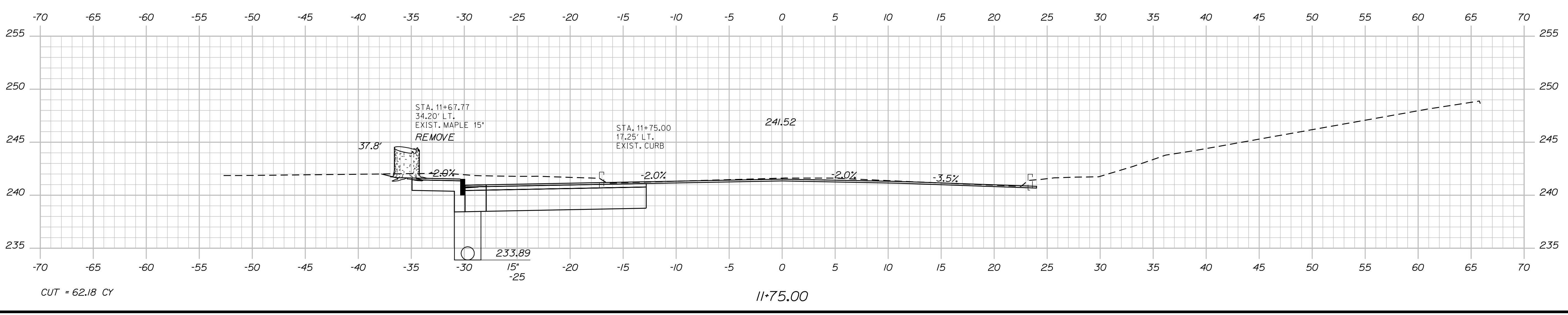
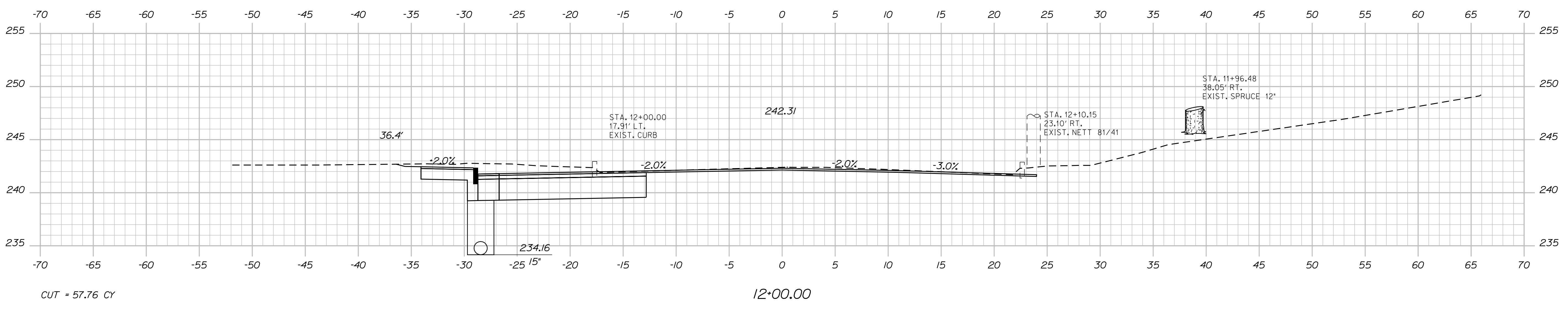
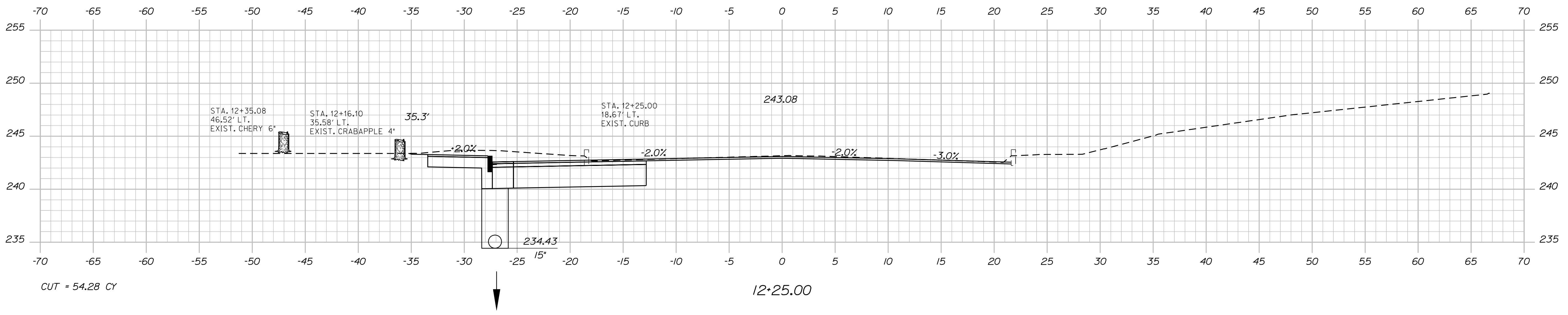
Sta. 10+50.00 to Sta. 10+75.00

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msta\031_Xsect_11+75_017.dgn



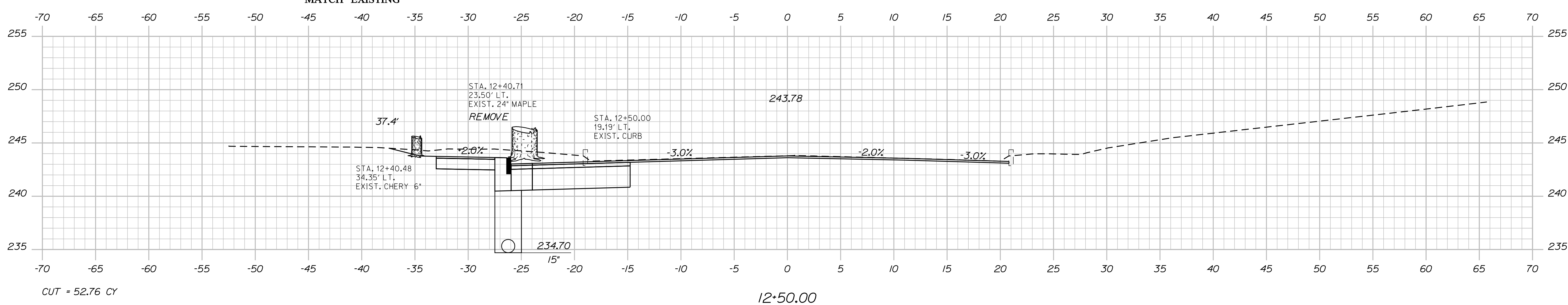
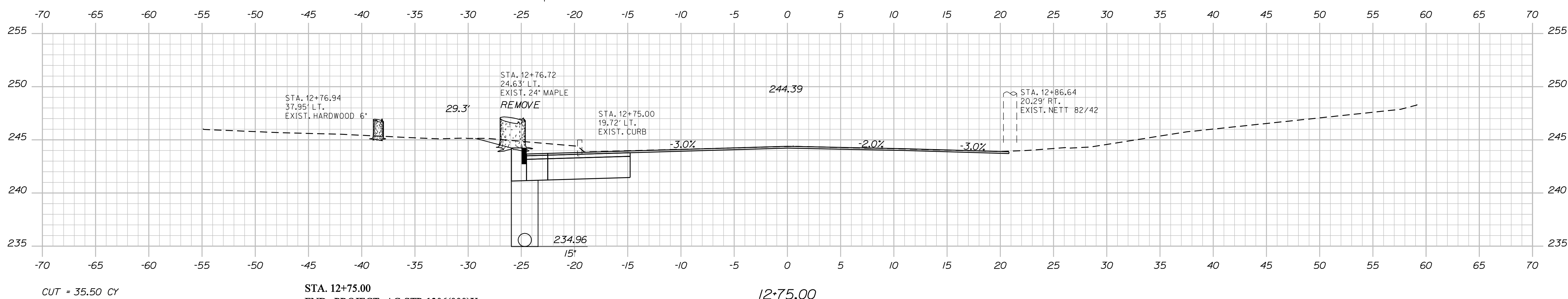
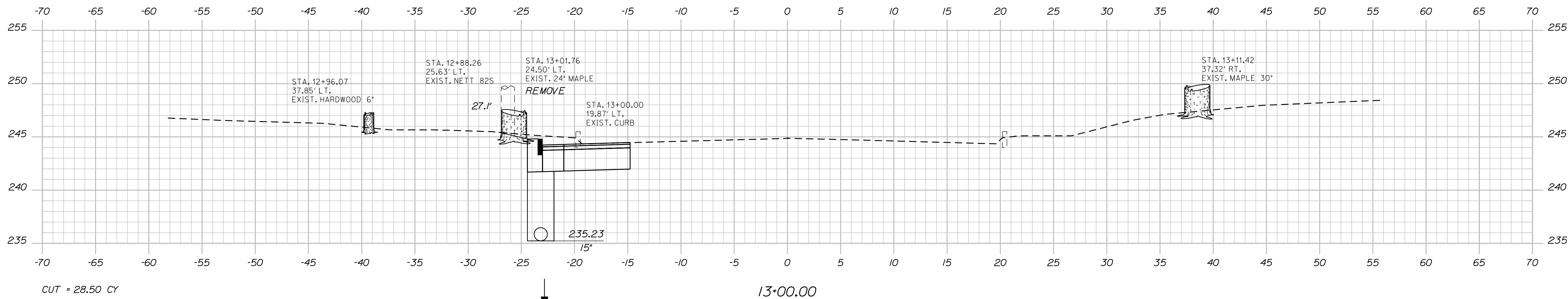
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		AC-STP-1306(000)X	
PIN 13060.00		HIGHWAY PLANS	
	SIGNATURE	P.E. NUMBER	DATE
	BY	DATE	
	DESIGN-DETAILED	M. SWINDELLS	BT
	CHECKED-REVIEWED	M. SWINDELLS	BT
	DESIGN-DETAILED	M. SWINDELLS	BT
	DESIGN-DETAILED	M. SWINDELLS	BT
	REVISIONS 1	REVISIONS 2	REVISIONS 3
	REVISIONS 4	REVISIONS 5	REVISIONS 6
	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES
LEWISTON MAIN STREET CROSS SECTIONS			
SHEET NUMBER 31 OF 38			

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msto\032_Xsect_12+50_018.dgn



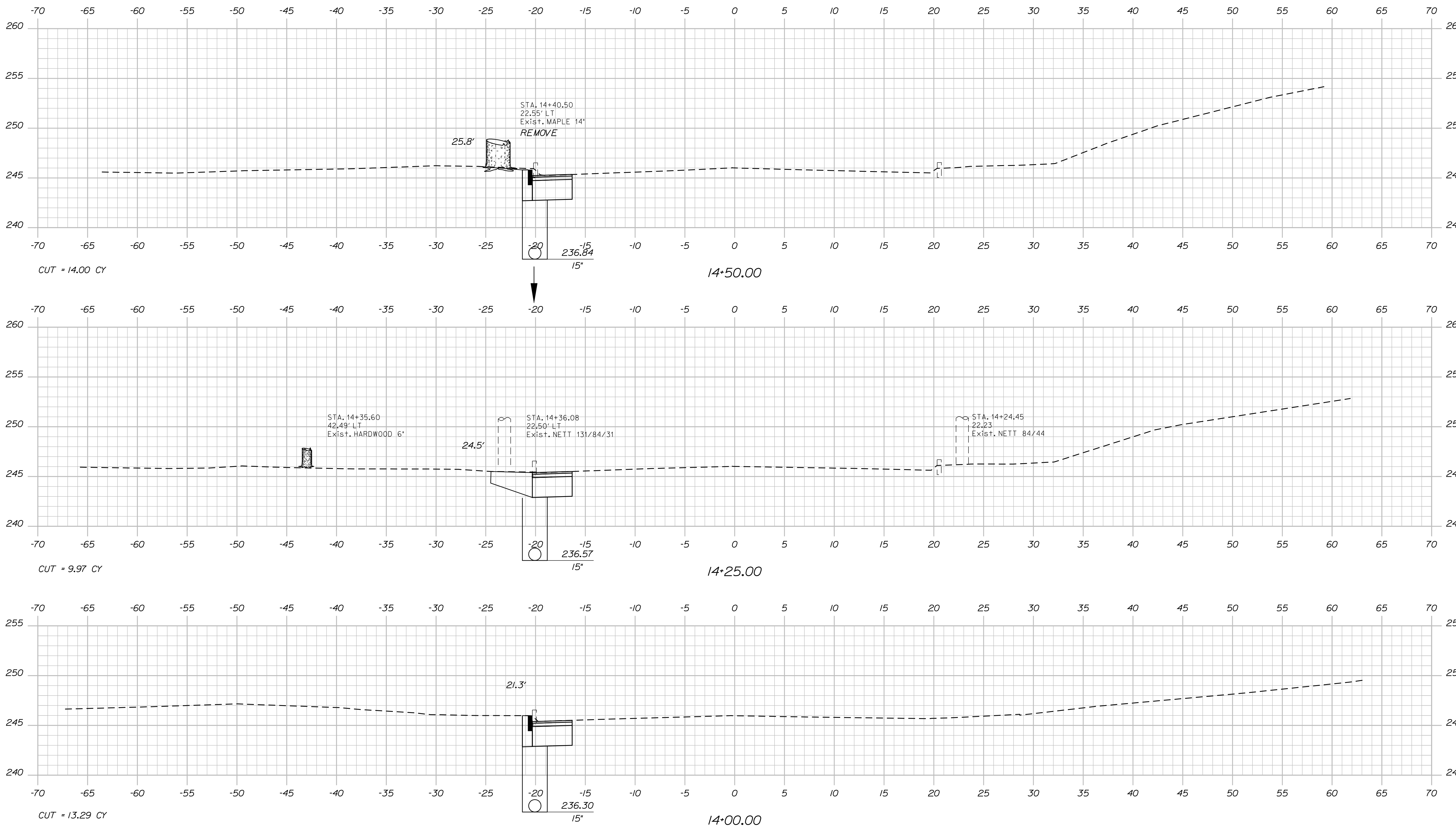
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	BY P. MACDONALD	DATE SEPT 2011	
	DESIGNED BY M. SWINDELLS	CHECKED BY BT	
	DESIGNED BY BT	CHECKED BY BT	
	REVISIONS 1	REVISIONS 2	
	REVISIONS 3	REVISIONS 4	
	FIELD CHANGES		
LEWISTON MAIN STREET CROSS SECTIONS			
SHEET NUMBER 32 OF 38			

Date: 2/29/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ... \msto\034_Xsect_14+00_020.dgn

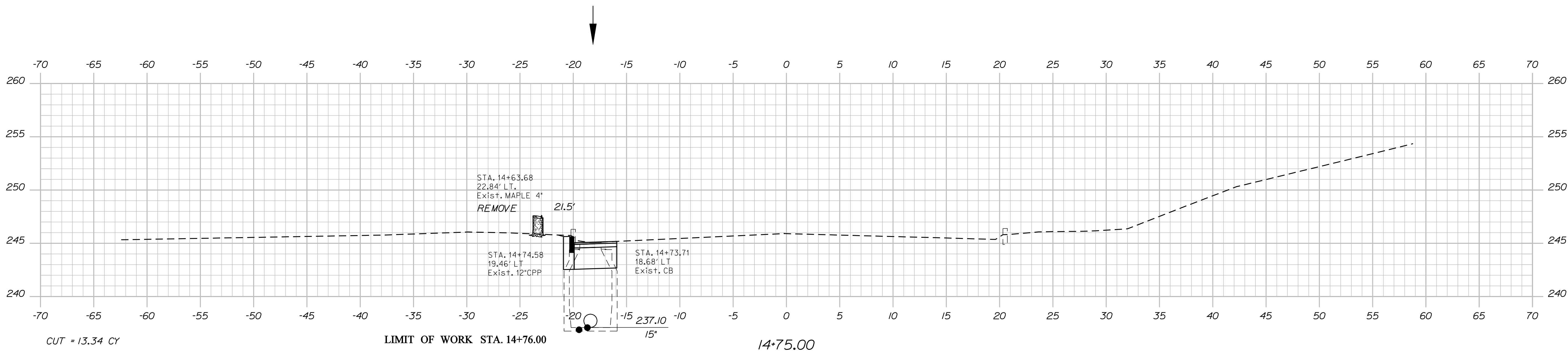


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(00)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
P. MADONALD	M. SWINDELLS/ BT TRAN	SEPT 2011
DESIGN DETAILED		
CHECKED-REVIEWED		
DESIGNS DET AILED		
DESIGNS DET AILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

LEWISTON
MAIN STREET
CROSS SECTIONS

SHEET NUMBER
34
OF 38



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1306(000)X
PIN 13060.00
HIGHWAY PLANS

PROJ. MANAGER	P. MACDONALD	BY	DATE
CHECKED-REVIEWED	M. SWINDELLS	BT	SEPT 2011
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LEWISTON
MAIN STREET
CROSS SECTIONS

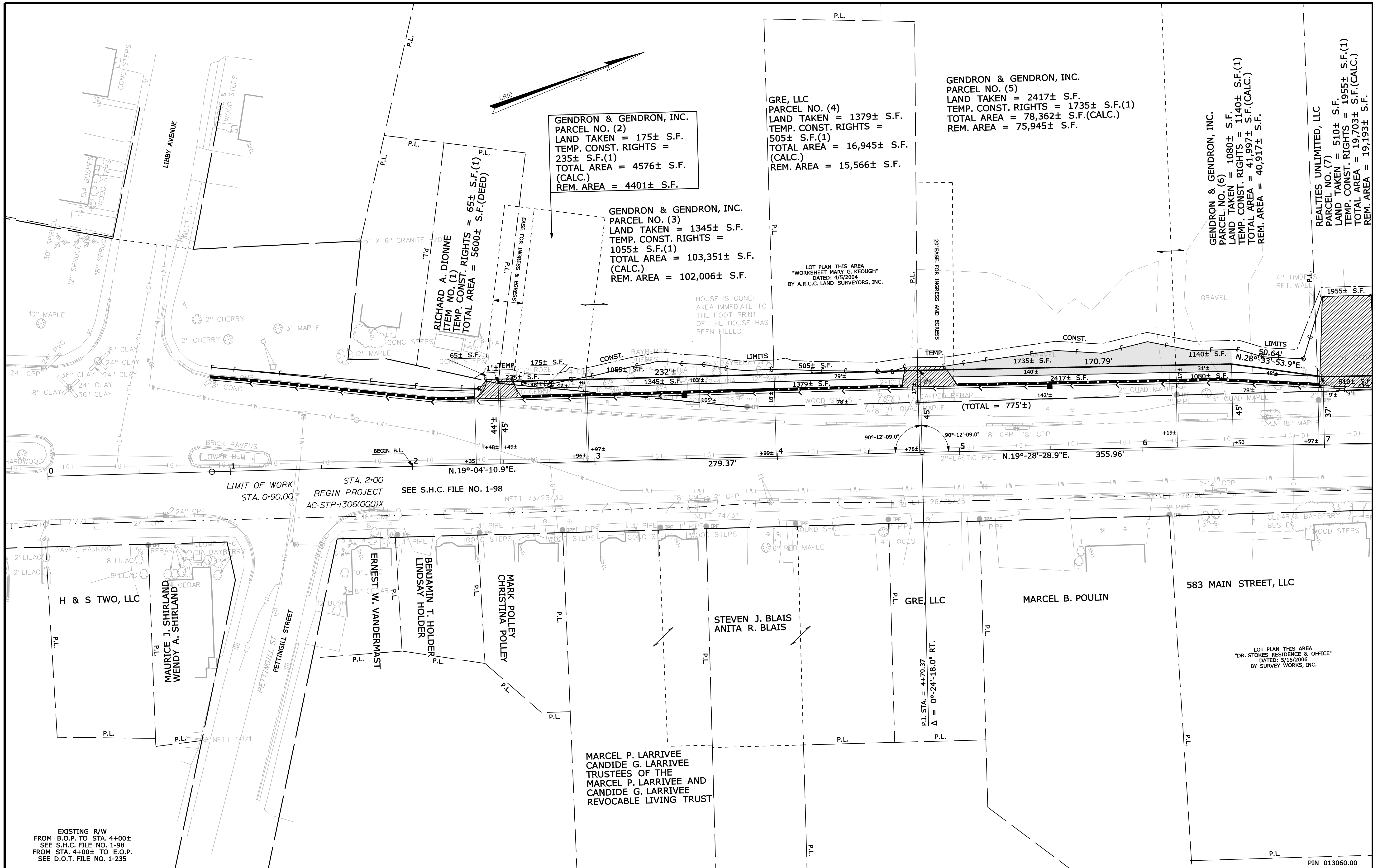
SHEET NUMBER
35
OF 38

Date: 2/6/2012

Username: rhobe.moulton

Division: HIGHWAY

Filename: ...000\ROW\MSTA001_RWP\PLAN1.dgn



SYMBOLS

- P or • (IRON PIPE OR PIN FOUND)
- (WELL)
- (SEPTIC TANK)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- PL (PLUMBING)
- LIMITS OF TROUGHT PORTION (LOW P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- WATER LINE
- GAS LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

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

NO.	DATE	REVISIONS 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 "15"
MAIN STREET
LEWISTON ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. STP-1306(000)X

MAY 2011
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 1 OF 2

D.O.T. FILE NO. 1-302

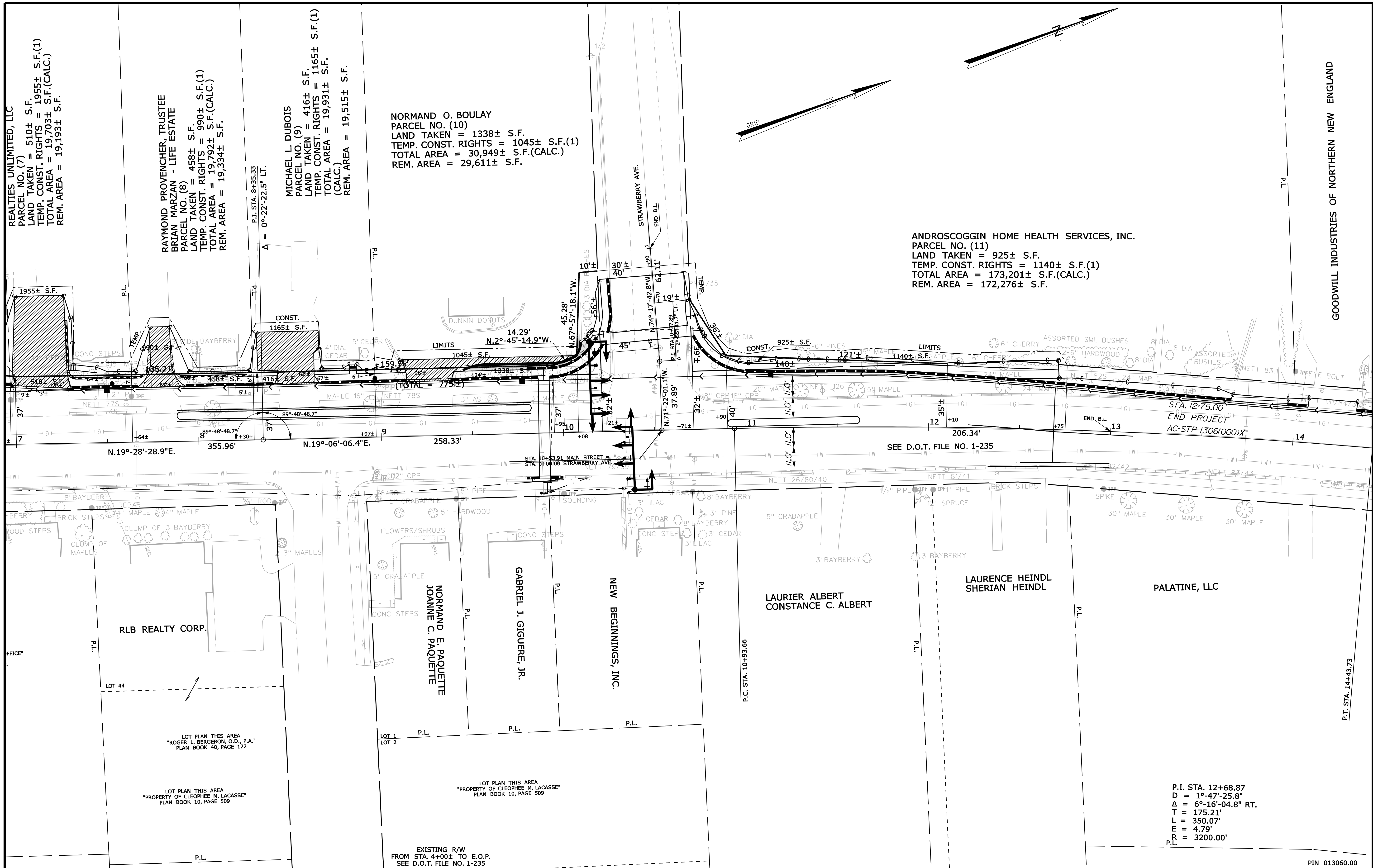
SHEET NUMBER
37
 OF 38

Date: 2/6/2012

Username: rhobe.moulton

Division: HIGHWAY

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



NO.	DATE	REVISIONS 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 "15"
 MAIN STREET
 LEWISTON ANDROSCOGGIN COUNTY
 FEDERAL AID PROJECT NO. STP-1306(000)X

MAY 2011
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 2 OF 2

D.O.T. FILE NO. 1-302

SHEET NUMBER
38
 OF 38

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

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	

SYMBOLS

- PIP (IRON PIPE OR PIN FOUND)
- S.T. (SEPTIC TANK)
- ▲ (TRAVESSE POINT)
- 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
- (WELL)
- WATER LINE
- GAS LINE
- TELEPHONE LINE
- SEWER LINE