STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SOUTH PORTLAND

CUMBERLAND COUNTY

CUMMINGS ROAD

STP-1909 (100)X

PROJECT LENGTH : 0.668 MILES

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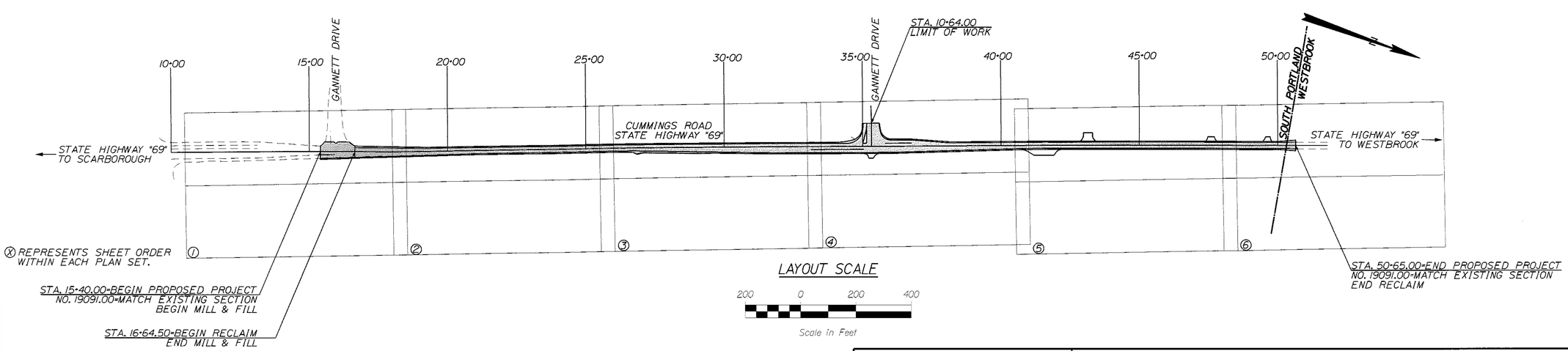


PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed

Culvert-Existing
Culvert Proposed

Curbing — Existing — Proposed
Type 1
Type 3
Type 5

Outline of Bodies of Water
Ledge
Buildings

Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line — CLL

Centerline-Existing
Centerline-Proposed — 10+00
Travelway-Existing
Travelway-Proposed
Railroad

Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch

Utility Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line
Existing San. Sewer
Existing San. Sewer Manhole

Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other

TRAFFIC DATA

Current (2013) AADT	15,080
Future (2025) AADT	16,890
DHV - % of AADT	10%
Design Hour Volume	1689
% Heavy Trucks (AADT)	5%
% Heavy Trucks (DHV)	4%
Directional Distribution (DHV)	58%
18 kip Equivalent P 2.0	371
18 kip Equivalent P 2.5	354
Design Speed (mph)	45
Functional Class:	MINOR ARTERIAL

PROJECT LOCATION:	CUMMINGS ROAD BETWEEN SOUTH GANNETT DRIVE AND THE WESTBROOK TOWN LINE.
PROGRAM AREA:	HIGHWAY PROGRAM
OUTLINE OF WORK:	REHABILITATE EXISTING PAVEMENT & ADD PAVED SHOULDERS.

Stantec

WIN 19091.00 STP-19091(100)X

SOUTH PORTLAND
CUMMINGS ROAD

TITLE SHEET

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED
DATE
COMMISSIONER:
CHIEF ENGINEER: 8/7/12

STATE OF MAINE GARY A. SANTY No. 9419 LICENSED PROFESSIONAL ENGINEER

SIGNATURE
9419
P.E. NUMBER
06/22/12
DATE

PROJECT INFORMATION

PROGRAM	HIGHWAY
PROJECT MANAGER	E. MARTIN
DESIGNER	G. SANTY
CONSULTANT	STANTEC
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

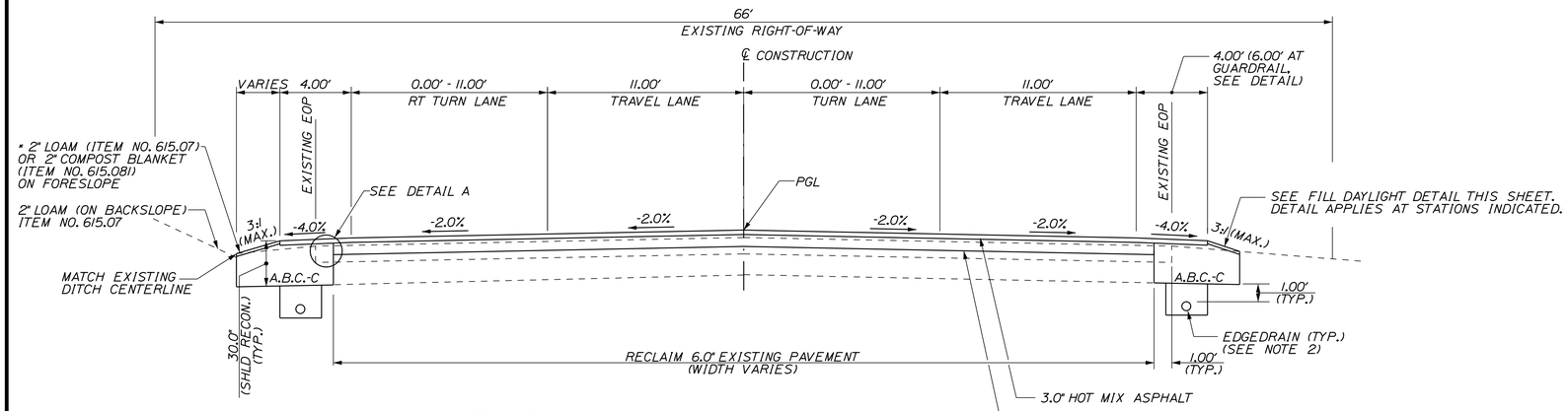
SHEET NUMBER
1
OF 56

Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

Notes:

1. THE PAVEMENT AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.

2. THE SHOULDER PAVEMENT THICKNESS SHALL BE THE SAME AS THE TRAVELWAY PAVEMENT THICKNESS FOR ALL ROADWAYS.



AGGREGATE BASE COURSE - CRUSHED CY/100 LF

STA. 16+64.50 - STA. 50+65.0
VARIES

TYPICAL

(NOT TO SCALE)

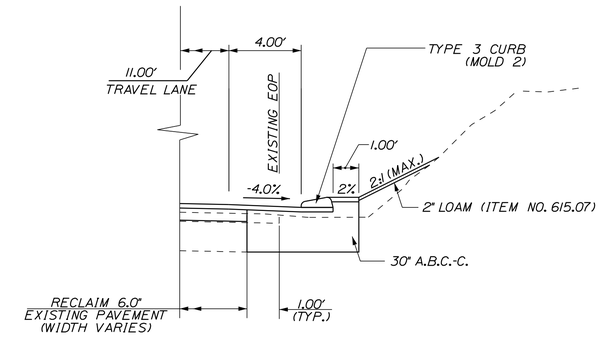
NOTES:

1. IN AREAS WHERE PROPOSED FINISHED GRADE IS GREATER THAN 5.0" ABOVE EXISTING PAVEMENT, NON-STABILIZED RECLAIMED MATERIAL MUST BE STOCKPILED PRIOR TO ADDING GRAVEL SUBBASE. RECLAIMED MATERIAL MUST BE PLACED, SHAPED AND GRADED PRIOR TO THE FDR STABILIZATION PROCESS.

2. EDGEDRAIN PLACED WHERE INDICATED IN PLANS. CONSTRUCT PER MAINEDOT STANDARD DETAIL UNDERDRAIN 605(01) EXCEPT AS MODIFIED BY THIS TYPICAL SECTION.

3. A.B.C.-C= AGGREGATE BASE COURSE CRUSHED-ITEM#304.09

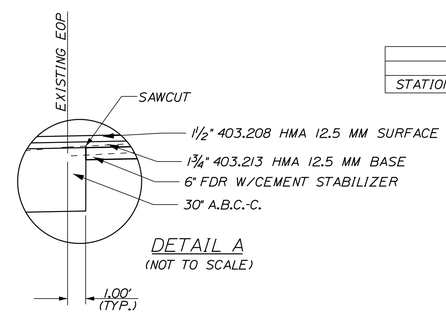
* THE PROPOSED COMPOST BLANKET (ITEM NO.615.081) IN SLOPE AREA STATION TO STATION VALUES ARE LISTED IN THE CONSTRUCTION NOTE SHEETS. ALL OTHER AREAS NOT LISTED WILL BE DESIGNATED AS LOAM (ITEM NO. 615.07). THE COMPOST BLANKET SHALL EXTEND TO THE BOTTOM OF THE INSLOPE, UNLESS OTHERWISE DIRECTED BY THE RESIDENT.



CURB TYPE 3

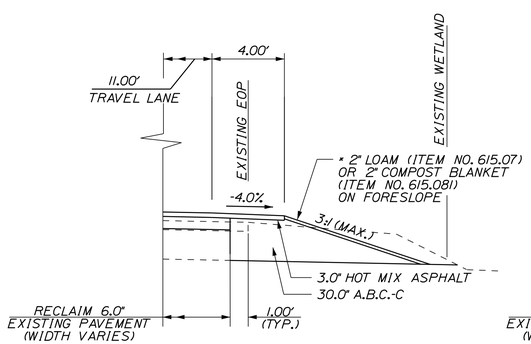
(NOT TO SCALE)

LOCATION		
	LEFT	RIGHT
STATION		32+15 TO 33+75



DETAIL A

(NOT TO SCALE)



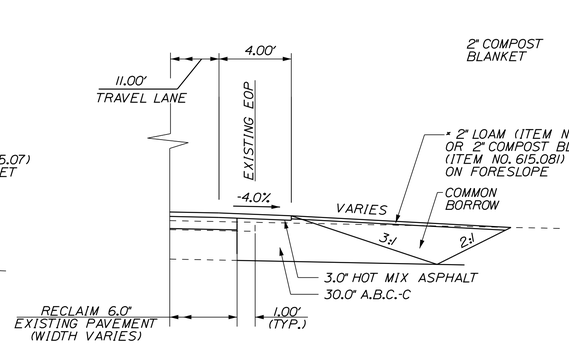
FILL DAYLIGHT DETAIL

(NOT TO SCALE)

AGGREGATE BASE COURSE - CRUSHED CY/100 LF

SHOULDER
VARIES

LOCATION		
	LEFT	RIGHT
STATION	17+50 TO 29+40	
STATION		19+50 TO 21+40
STATION		46+25 TO 48+25



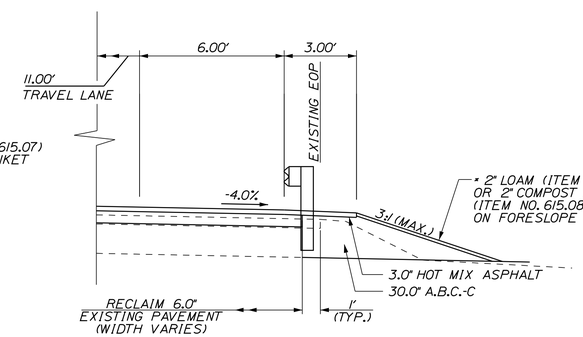
CUT DAYLIGHT DETAIL

(NOT TO SCALE)

AGGREGATE BASE COURSE - CRUSHED CY/100 LF

SHOULDER
VARIES

LOCATION: VARIES SEE CROSS SECTIONS



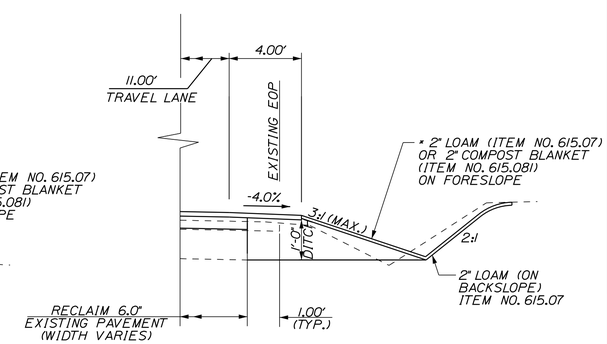
GUARDRAIL SECTION

(NOT TO SCALE)

AGGREGATE BASE COURSE - CRUSHED CY/100 LF

SHOULDER
VARIES

LOCATION		
	LEFT	RIGHT
STATION		26+87.5 TO 28+75



DITCH SECTION

(NOT TO SCALE)

AGGREGATE BASE COURSE - CRUSHED CY/100 LF

SHOULDER
VARIES

LOCATION		
	LEFT	RIGHT
STATION		31+05 TO 32+07

OTHER LOCATIONS MAY EXIST, SEE CROSS SECTIONS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE	SIGNATURE
PROJ. MANAGER ERNEST MARTIN			
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	GAS	GAE	
DESIGN2-DETAILED2			P.E. NUMBER
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			DATE
REVISIONS 4			
FIELD CHANGES			

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

TYPICAL SECTIONS

SHEET NUMBER

2

OF 56

Filename: ...\HIGHWAY\MSTA\002_Typical.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

ESTIMATED QUANTITIES

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	ROUNDED QUANTITY	UNIT
202.202	REMOVING PAVEMENT SURFACE	650	SY
202.203	PAVEMENT BUTT JOINTS	1480	SY
202.205	RUMBLE STRIPS - SHOULDER	1415	LF
203.20	COMMON EXCAVATION	4,750	CY
203.210	ROCK EXCAVATION	300	CY
203.25	GRANULAR BORROW	25	CY
206.061	STR EARTH BELOW GRADE STR	307	CY
206.070	STR ROCK EXC - DR & MINOR STR	80	CY
304.09	AGGR BASE CRS - CRUSHED	4200	CY
308.36	FULL DEPTH RECYCLED PAVEMENT WITH CEMENT	10000	SY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	1200	T
403.209	HOT MIX ASPHALT 9.5 MM (INCIDENTALS)	130	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	1150	T
409.15	BITUMINOUS TACK COAT - APPLIED	400	G
502.32	STR CONC CULV ENDWALL	9	CY
502.341	STR CONC ROADWAY MEDIAN	7	CY
603.195	24" RCP CLASS III	140	LF
603.251	60" CORRUGATED METAL PIPE	16	LF
604.18	ADJUST MANHOLE OR CB TO GRADE	7	EA
605.09	6" UNDERDRAIN TYPE B	2450	LF
605.10	6" UNDERDRAIN OUTLET	100	LF
606.23	GR TY 3C - SINGLE RAIL	187.5	LF
606.266	TERM END- SGL RL-CORR RESIS ST	1	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	4	EA
606.356	UNDERDRAIN DELINEATOR POST	4	EA
606.363	GR REMOVE AND DISPOSE	56	LF
606.754	WIDEN SHOULDER FOR GUARDRAIL 350 FLARED	1	EA
606.79	GUARDRAIL 350 FLARED TERMINAL	1	EA
609.31	CURB TYPE 3	102	LF
609.38	RESET CURB TYPE 1	80	LF
609.441	CURBING REMOVED AND STACKED	100	LF
610.08	PLAIN RIPRAP	11	CY
615.07	LOAM	135	CY
615.081	COMPOST BLANKET	200	CY
618.1301	SEEDING METHOD NUMBER 1 - PLAN QUANTITY	5	UN
618.1401	SEEDING METHOD NUMBER 2 - PLAN QUANTITY	15	UN
619.1201	MULCH - PLAN QUANTITY	20	UN
627.18	12" SOLID WHITE PAVEMENT MARKING	40	LF
627.619	12 INCH SOLID YELLOW PAVEMENT MARKING	450	LF
627.733	4" WHITE OR YELLOW PAINTED PAVE MRK LINE	17100	LF
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	176	SF
627.76	TEMPORARY PVMT. MARK LINE, W OR YELLOW	1	LS
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.120	ALL-PURPOSE EXC (INC OPERATOR)	40	HR
631.13	BULLDOZER (INCLUDING OPERATOR)	100	HR
631.14	GRADER (INCLUDING OPERATOR)	100	HR
631.15	ROLLER EARTH BASE CRS (INC OP)	100	HR
631.172	TRUCK-LARGE (INC OPERATOR)	100	HR
631.18	CHAIN SAW RENTAL(INC OPERATOR)	40	HR
631.200	STUMP CHIPPER (INC OPERATOR)	40	HR
631.220	FRONT END LOADER (INC OPER)	40	HR
639.180	FIELD OFFICE TYPE A	1	EA
643.610	FLASHING BEACON MODIFICATION	1	LS
645.106	DEMOUNT REG, WRNG, CONF & RTE MARKER SGN	3	EA
645.292	REG,WARN,CONF,RT SIGNS TYPE II	20.25	SF
652.33	DRUM	70	EA
652.34	CONE	70	EA
652.35	CONSTRUCTION SIGNS	500	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	4200	HR
652.381	TRAFFIC OFFICER	1100	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
656.75	TEMP SOIL EROSION & WATER POLLUTION CTRL	1	LS
659.1	MOBILIZATION	1	LS
660.210	ON-THE-JOB TRAINING (BID)	1000	HR
823.332	GATE VALVE BOX, ADJUST TO GRADE	11	EA

EARTHWORK SUMMARY

COMMON EXCAVATION				
COMMON EXCAVATION (FROM CROSS SECTIONS)		4,698		
EARTH FROM DRIVES, OLD ROAD, ETC.		0		
GRUBBING IN FILL		0		
UNDERCUT		0		
MUCK EXCAVATION		0		
PAVEMENT SALVAGE IN FILL		0		
TOTAL COMMON EXCAVATION				4,698
		Rounding		52
		Total		4,750
FILL FOR BORROW CALCULATIONS				
COMMON FILL (FROM CROSS SECTIONS)		288		
FILL FOR DRIVES		0		
GRUBBING IN FILL		0		
UNDERCUT		0		
MUCK EXCAVATION		0		
PAVEMENT SALVAGE IN FILL		0		
TOTAL FILL				288
ROCK EXCAVATION FOR ESTIMATE				
ROCK EXCAVATION (FROM CROSS SECTIONS)		300		
TOTAL ROCK EXCAVATION				300
AVAILABLE COMMON EXCAVATION BORROW CALCULATIONS				
(1) TOTAL COMMON EXCAVATION				4,698
DEDUCTIONS:				
GRUBBING IN CUT		0		
GRUBBING IN FILL		0		
UNDERCUT		0		
MUCK EXCAVATION		0		
PAVEMENT SALVAGE (CUT & FILL)		0		
(2) TOTAL DEDUCTIONS				0
TOTAL AVAILABLE COMMON EXCAVATION				4,698
TOTAL AVAILABLE STRUCT. EXCAVATIONS (UNDERDRAIN ONLY)				290
TOTAL AVAILABLE NON-ROCK EXCAVATION				4,988
COMPUTATION OF WASTE STORAGE & WAST MATERIAL				
TOTAL AVAIL. WAST 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				0
TOTAL WASTE MATERIAL TO BE WASTED				0
COMPUTATION FOR COMMON BORROW FOR ESTIMATE				
(3) TOTAL FILL				288
TOTAL AVAIL. NON-ROCK EXCAV.	4,988	x 0.85 =	4,240	
TOTAL AVAIL. ROCK EXCAV.	300	x 1.33 =	399	
TOTAL AVAIL. STR. ROCK EXCAV.	73	x 1.33 =	97	
TOTAL WASTE MATERIAL TO BE UTILIZED	0	x 1 =	0	
(4) TOTAL AVAILABLE EXCAVATION				= 4,736
EXCESS EXCAVATION = TOTAL AVAILABLE EXCAVATION MINUS TOTAL FILL				4,448

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	CAS	GAE	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

ESTIMATED QUANTITIES

SHEET NUMBER

3

OF 56

Filename: ...\HIGHWAY\MSTA\003_Estimate.dgn Division: HIGHWAY Username: common Date:8/8/2012

STATION	CULVERT PIPE											CATCH BASIN					PIPE ARCH				MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III														TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED										GAGE OR WALL THICKNESS		TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	B1-C		E	F	SPAN	RISE	LENGTH			LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
17+45 RT - 17+68 LT	24"	70	III																										INVERTS TO MATCH EXISTING
17+51 RT - 17+71 LT	24"	70	III																										INVERTS TO MATCH EXISTING
46+90 LT - 46+91 LT				60"	8																								EXTENSION OF EXIST CULVERT
47+00 LT - 47+00 LT				60"	8																								EXTENSION OF EXIST CULVERT
36+82 RT - 46+60 RT																						978							
47+97 RT - 50+00 RT																						203							
47+29 LT - 50+00 LT																						271							
36+81 LT - 46+58 LT																						977							
17+55 RT																							19						
18+00 LT																							21						
46+50 LT																							23						
46+75 RT																							22						
47+25 LT																							24						
47+75 RT																							29						

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

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HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

DRAINAGE SUMMARY

SHEET NUMBER

4

OF 56

Filename: ...\MSTA\004_DrainageSummary.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

1. NO UTILITY INVOLVEMENT IS ANTICIPATED.

2. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED. PAYMENT SHALL BE MADE UNDER ITEM 202.203 PAVEMENT BUTT JOINT.

3. CONSTRUCT BUTT JOINTS AT ALL PAVED DRIVES AND ENTRANCES.

4. TRIM ALL TREE BRANCHES TO 20 FEET ABOVE THE PAVEMENT AND 21 FEET FROM CENTERLINE, AS WELL AS ANY BRANCHES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE RENTAL ITEMS. IF A TREE SPECIALIST IS SUBCONTRACTED FOR THIS WORK, PAYMENT WILL BE MADE BY INVOICE PLUS 5%.

5. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.

6. PRIOR TO REMOVING ANY PAVEMENT OR PLACING ANY SHIM PAVEMENT, THE ROADWAY WILL BE INSPECTED FOR POSSIBLE SUBSURFACE BOULDERS, WHICH WILL BE REMOVED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT RENTAL ITEMS. BACKFILL WITH MATERIAL CONSISTENT WITH SURROUNDING MATERIAL UP TO SUBGRADE. PLACE AGGREGATE SUBBASE COURSE GRAVEL FROM SUB-GRADE TO FINISH GRAVEL GRADE AND COMPACT ALL MATERIAL. ANY MATERIAL AND EQUIPMENT USED TO BACKFILL HOLES AFTER REMOVAL OF BOULDERS WILL BE CONSIDERED INCIDENTAL TO THE CONTACT ITEMS.

7. 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.

8. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.

9. WHERE NO DITCHING OR INSLOPE EXCAVATION IS NEEDED, THE GRADING OF EXISTING MATERIAL OR THE ADDITION OF MATERIAL FOR 3 FEET BEYOND SHOULDER BREAK TO MATCH THE EXISTING SLOPE SHALL BE INCIDENTAL TO THE CONTRACT. ANY ADDITIONAL MATERIAL SHALL BE APPROVED BY THE RESIDENT OR SHALL MEET THE SPECIFICATIONS OF ITEM 203.24.

10. 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.

11. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.

12. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.

13. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL PAID FOR AS GRANULAR BORROW.

14. 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.

15. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.

16. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.

17. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL OR 11" AGGREGATE SUBBASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

18. CRUSHED STONE ENTRANCES SHALL BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE GRAVEL AND 2" CRUSHED STONE SURFACE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

19. GRASSED ENTRANCES SHALL BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE GRAVEL AND 2" LOAM, SEED & MULCH UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

20. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

21. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.

22. ALL EXISTING PAVED SHOULDERS AND WIDENINGS TO BE RESURFACED AS DIRECTED BY THE RESIDENT.

23. SHOULDER SHIM SHALL TAPER TO 0 INCHES PRIOR TO FACE OF EXISTING CURB AND GUARDRAIL.

24. THE FOLLOWING SHALL BE INCIDENTAL TO THE 603 ITEM (S):

- ANY CUTTING OF EXISTING CULVERTS AND OR CONNECTORS NECESSARY TO INSTALL NEW CULVERT REPLACEMENTS OR EXTENSIONS
- ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT
- ALL DITCHING AT PIPE ENDS
- FURNISHING, PLACING, GRADING, AND COMPACTING OF ANY NEW GRAVEL AND/OR FILL MATERIAL INCLUDING GRANULAR BORROW USED UNDER PIPES AND FOR TEMPORARY DETOURS TO MAINTAIN TRAFFIC DURING PIPE INSTALLATION (EXCAVATION IS ALSO INCIDENTAL).
- GRANULAR BORROW UNDER THE PIPE SHALL MEET THE REQUIREMENTS FOR UNDERWATER BACKFILL
- ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES
- FLOW LINES MAY BE CHANGED BY 1.5 FT
- ANY NECESSARY CLEARING OF BRUSH AND NON-PAY TREES AT CULVERT ENDS

25. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. THIS WORK (INCLUDING OPERATOR) SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

26. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.

27. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.

28. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

29. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE TABULATION.

30. 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.

31. 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.

32. AS DIRECTED BY THE RESIDENT, ALL EXISTING UNDERDRAIN OUTLETS SHALL BE LOCATED, CLEANED OUT AND DITCHED AS REQUIRED OR REPLACED AS NECESSARY. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

33. ALL UNDERDRAIN NOT SHOWN ON THE CROSS SECTIONS WILL HAVE A FLOW LINE OF 5.5 FEET BELOW FINISH GRADE DIRECTLY ABOVE THE UNDERDRAIN AND UNDERDRAIN SAND BACKFILL PLACED TO AN ELEVATION EQUAL TO THE BOTTOM OF THE NEW GRAVEL LAYER. ALL UNDERDRAIN SHOWN ON THE CROSS SECTIONS WILL HAVE THE FLOW LINE SCALED FROM THE CROSS SECTIONS. ALL FLOW LINE ELEVATIONS ARE SUBJECT TO APPROVAL BY THE RESIDENT.

34. ALL CONNECTIONS FOR UNDERDRAIN (U.D.) TO ROADWAY CULVERTS WILL BE INCIDENTAL TO U.D. PIPE ITEMS.

35. A 3 FT. X 3 FT. SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT U.D. OUTLETS.

36. 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.

37. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.

38. HOLES CREATED BY GUARDRAIL REMOVAL WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE RESIDENT. PAYMENT TO BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

39. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

40. TWO REFLECTORIZED FLEXIBLE G.R. MARKERS (ITEM 606.353) WILL BE INSTALLED AT EACH GUARDRAIL END. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

41. 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).

42. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL NON-GUARDRAIL SLOPES. SEEDING METHOD NO. 3 SHALL BE UTILIZED ON ALL GUARDRAIL FILL SLOPES. ON LONG NON-GUARDRAIL BACKSLOPES, SEEDING METHOD NO. 3 MAY BE USED INSTEAD OF METHOD NO. 2 IF NOTED OR DIRECTED BY THE RESIDENT.

43. 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.

44. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO BITUMINOUS CURB ENDS AT DRIVEWAY OPENINGS AS DIRECTED BY THE RESIDENT.

45. 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

46. EXISTING LIVESTOCK FENCES SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION AS DIRECTED BY THE RESIDENT. MAINTENANCE OF THESE FENCES WILL BE INCIDENTAL TO THE CONTRACT.

47. 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.

48. 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.

49. 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.

50. A COPY OF THE SOILS REPORT FOR THIS PROJECT IS AVAILABLE BY CONTACTING THE PROJECT MANAGER, ERNEST MARTIN, P.E. AT 207-624-3381. ALL COMPUTATION METHODS AND QUANTITIES USED FOR THE ENGINEER'S ESTIMATE FOR PLAN QUANTITY ITEMS ONLY ARE AVAILABLE BY CONTACTING REGION 2 PROJECT MANAGER ERNEST MARTIN, P.E. AT 207-624-3381.

51. THE FILL QUANTITY SHOWN ON THE CROSS SECTIONS INCLUDES THE WASTE STORAGE.

52. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.

53. 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.

54. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

55. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

P.E. NUMBER

SIGNATURE

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

GENERAL NOTES

SHEET NUMBER

5

OF 56

Filename: ...\MSTA\005_Notes_General.dgn Division: HIGHWAY Username: common Date:8/13/2012

502.32 - STR CONC CULV ENDWALL

BEGIN STATION	END STATION
46+88	47+03

604.18 - ADJUST MANHOLE OR CB TO GRADE

STATION	OFFSET
22+49	RT
35+25	LT
35+84	LT
35+94	RT
42+12	RT
44+78	RT
47+82	LT

606.23 - GR TY 3C - SINGLE RAIL

BEGIN STATION	END STATION	OFFSET
27+08	28+75	RT

606.266 - TERM END - SGL RL-CORR RESIS ST

STATION	OFFSET
28+75	RT

606.363 - GR REMOVE AND DISPOSE

BEGIN STATION	END STATION	OFFSET
28+27	28+67	LT
28+53	28+69	RT

606.79 - GUARDRAIL 350 FLARED TERMINAL

BEGIN STATION	END STATION	OFFSET
26+87	27+08	RT

502.341 - STRUCTURAL CONCETE ROADWAY MEDIAN

STATION	OFFSET
35+28	LT

609.31 - CURB TYPE 3

BEGIN STATION	END STATION	OFFSET
31+05	32+07	LT

609.38 - RESET CURB TYPE 1

BEGIN STATION	END STATION	OFFSET
42+95	42+95	LT
43+30	43+30	LT
47+47	47+47	LT
47+75	47+75	LT

618.1301 - SEEDING METHOD NUMBER 1 - PLAN QUANTITIY

BEGIN STATION	END STATION	OFFSET
33+60	42+97	LT
43+31	47+47	LT
47+70	49+56	LT
49+72	50+64	LT

618.1401 - SEEDING METHOD NUMBER 2 - PLAN QUANTITIY

BEGIN STATION	END STATION	OFFSET
16+64	17+50	RT
29+25	35+00	LT
31+00	32+00	RT
35+38	41+19	RT
41+92	48+00	RT

615.081 - 2" COMPOST BLANKET

BEGIN STATION	END STATION	OFFSET
17+00	29+25	LT
17+50	31+00	RT
32+50	35+00	RT
48+00	48+00	LT
48+00	50+50	RT

823.332 - GATE VALVE BOX, ADJUST TO GRADE

STATION	OFFSET
16+03	LT
16+05	LT
16+25	LT
34+88	LT
34+90	LT
35+09	LT
41+53	LT
41+53	RT
41+58	RT

DRIVES AND ENTRANCES

STATION	OFFSET	TYPE	OPENING
35+30	RT	PAVED	57'
41+70	RT	PAVED	40'
43+14	LT	PAVED	55'
47+60	LT	PAVED	40'
49+64	LT	PAVED	32'

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			-----
REVISIONS 2			-----
REVISIONS 3			-----
REVISIONS 4			-----
FIELD CHANGES			-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

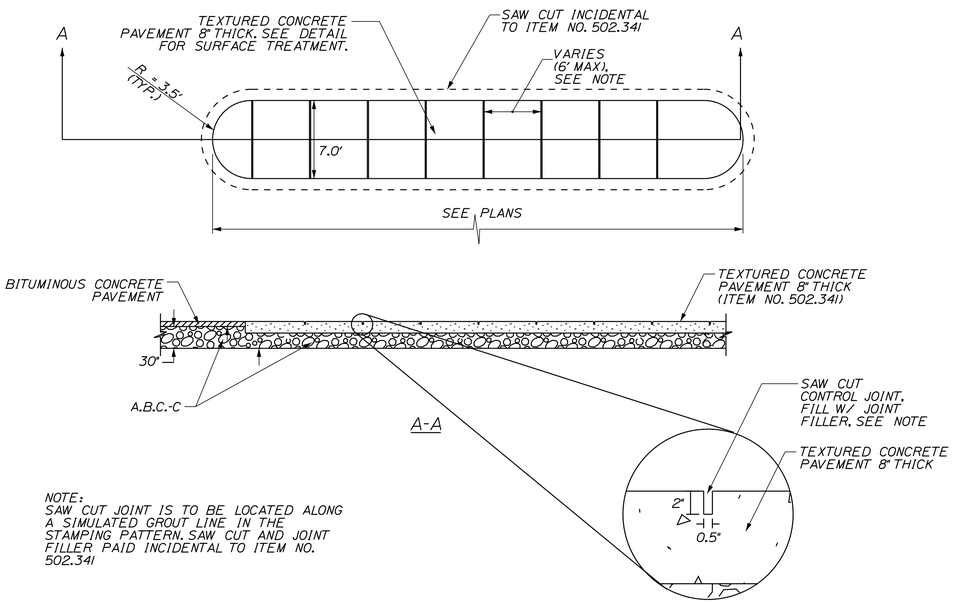
CONSTRUCTION NOTES

SHEET NUMBER

6

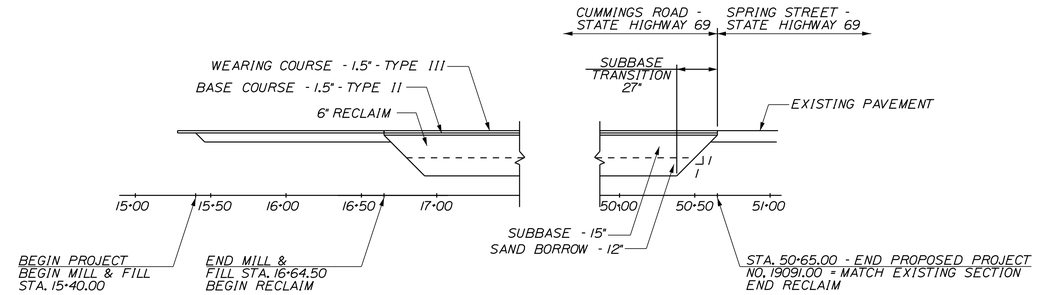
OF 56

Filename: ...\006_Notes_Construction.dgn Division: HIGHWAY Username: common Date:8/13/2012

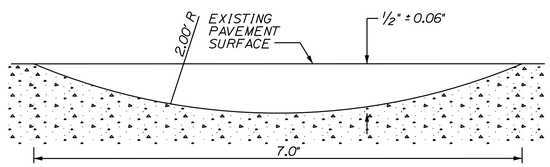


NOTE:
SAW CUT JOINT IS TO BE LOCATED ALONG A SIMULATED GROUT LINE IN THE STAMPING PATTERN. SAW CUT AND JOINT FILLER PAID INCIDENTAL TO ITEM NO. 502.341

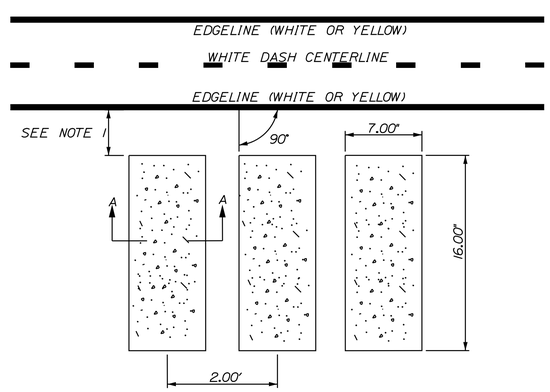
FLUSH ISLAND DETAIL AT GANNETT DRIVE NORTH
NOT TO SCALE



PAVEMENT TRANSITION - CUMMINGS ROAD
(NOT TO SCALE)

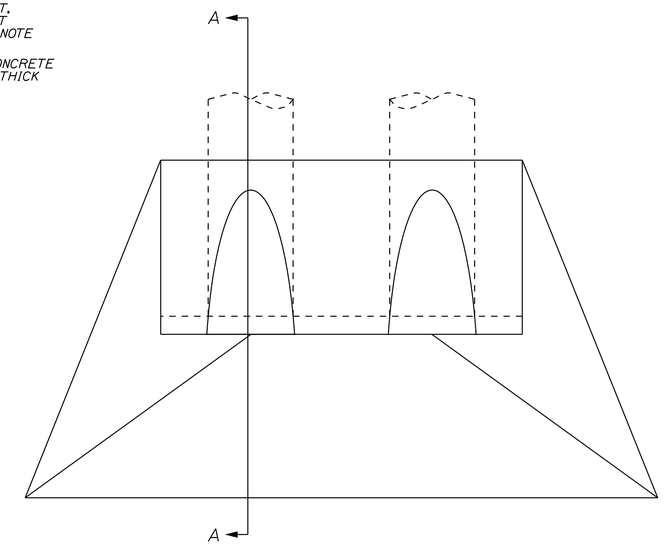


SECTION A-A
(NOT TO SCALE)

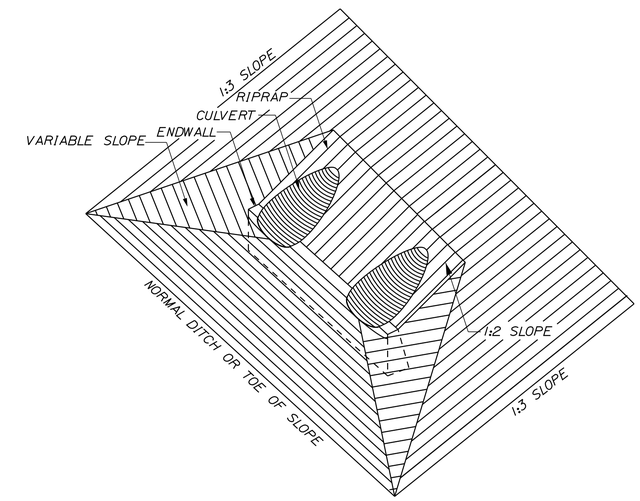


RUMBLE STRIP MILLING DETAIL
(NOT TO SCALE)

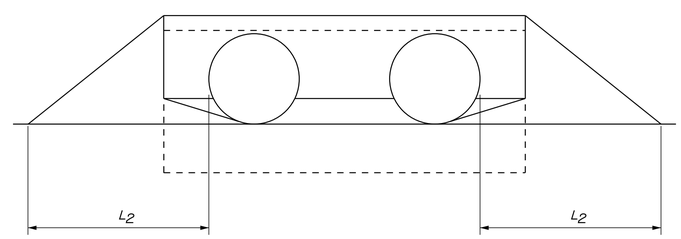
NOTES:
1. MILL RUMBLE STRIPS 30 INCHES FROM EDGELINE FOR ALL SHOULDERS 6 FEET OR WIDER; MILL RUMBLE STRIPS 6 INCHES FROM EDGELINE FOR ALL SHOULDERS LESS THAN 6 FEET WIDE.
2. SEE PLANS FOR LOCATIONS



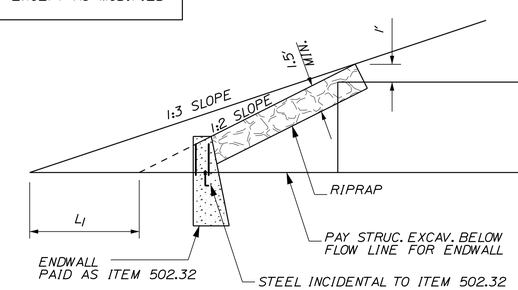
PLAN VIEW
(NOT TO SCALE)



ENDWALL AND INLET GRADING PER STANDARD DETAILS EXCEPT AS MODIFIED BY THIS DETAIL.



END VIEW
(NOT TO SCALE)



NOTE: $L_1 = L_2$

SECTION A-A
(NOT TO SCALE)

CONCRETE INLET ENDWALLS FOR RIVETED AND STRUCTURAL PLATE PIPES 60" TO 180" IN 1:3 SLOPES
(NOT TO SCALE)
SEE DRAINAGE SUMMARY SHEET FOR INLET LOCATIONS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

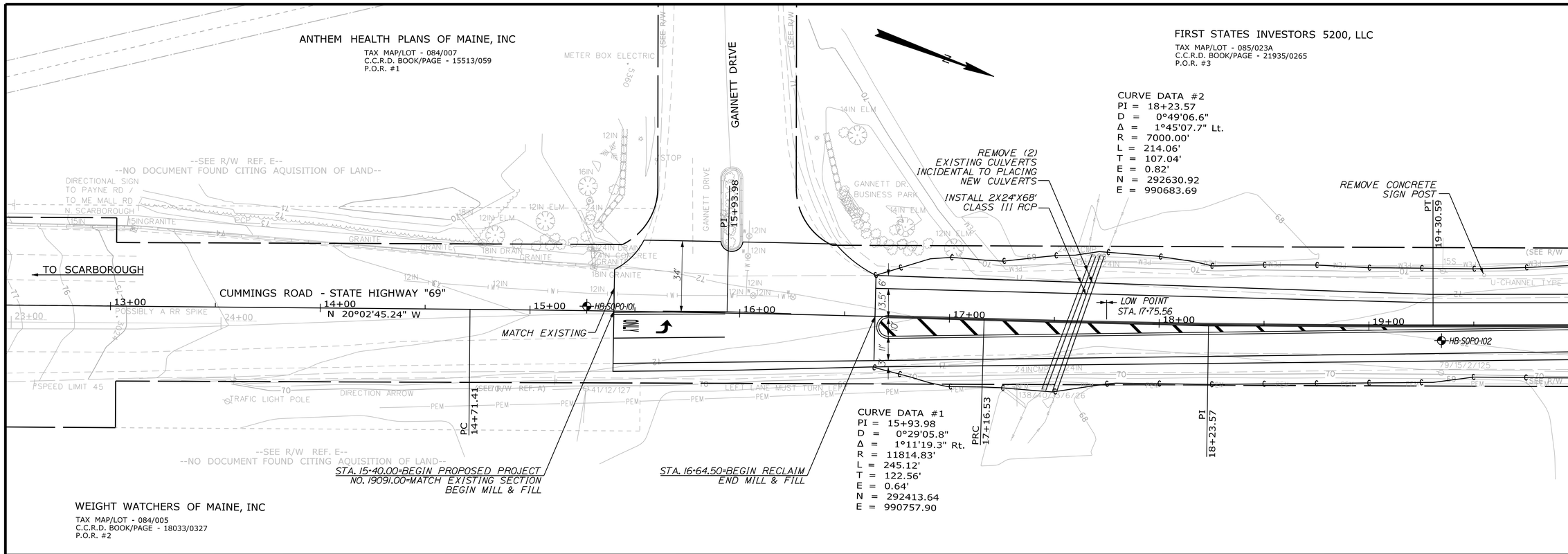
SPECIAL DETAILS

SHEET NUMBER

7

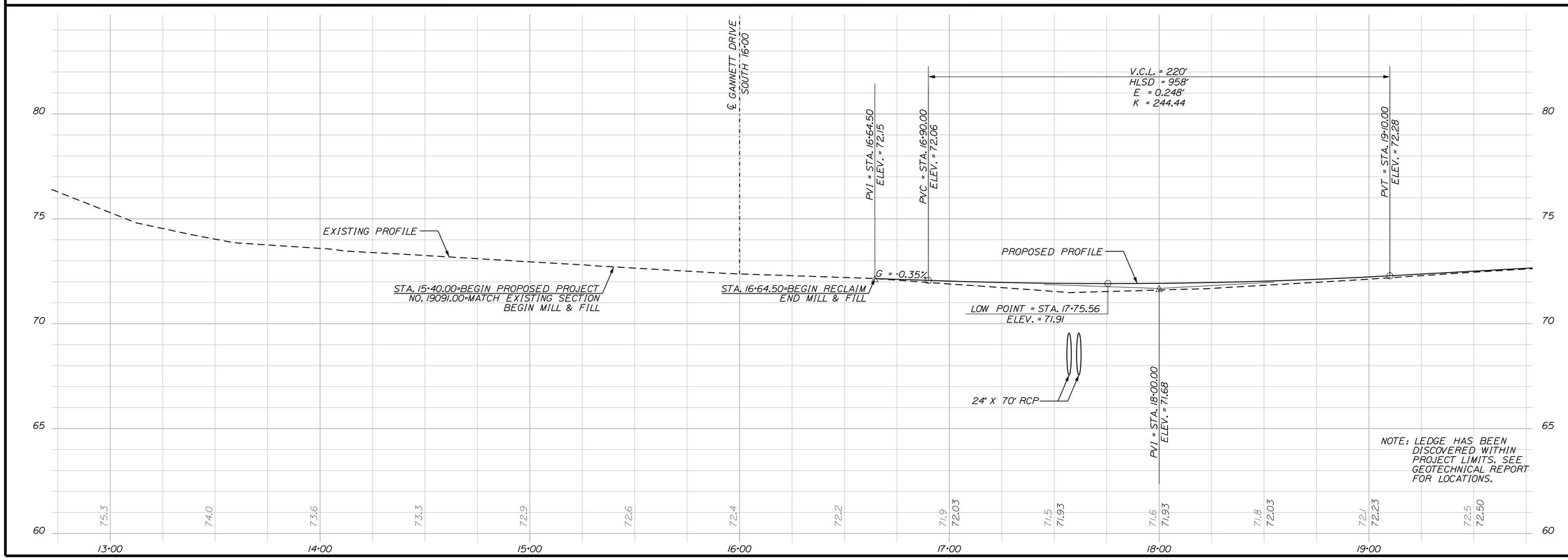
OF 56

Filename: ...\MSTA\007_SpecialDetails.dgn Division: HIGHWAY Username: common Date:8/8/2012



CURVE DATA #2
PI = 18+23.57
D = 0°49'06.6"
Δ = 1°45'07.7" Lt.
R = 7000.00'
L = 214.06'
T = 107.04'
E = 0.82'
N = 292630.92
E = 990683.69

CURVE DATA #1
PI = 15+93.98
D = 0°29'05.8"
Δ = 1°11'19.3" Rt.
R = 11814.83'
L = 245.12'
T = 122.56'
E = 0.64'
N = 292413.64
E = 990757.90



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ERNEST MARTIN		
DESIGN-DETAILED	TPL	-----
CHECKED-REVIEWED	GAS	-----
DESIGN2-DETAILED2		-----
DESIGN3-DETAILED3		-----
REVISIONS 1		-----
REVISIONS 2		-----
REVISIONS 3		-----
REVISIONS 4		-----
FIELD CHANGES		-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

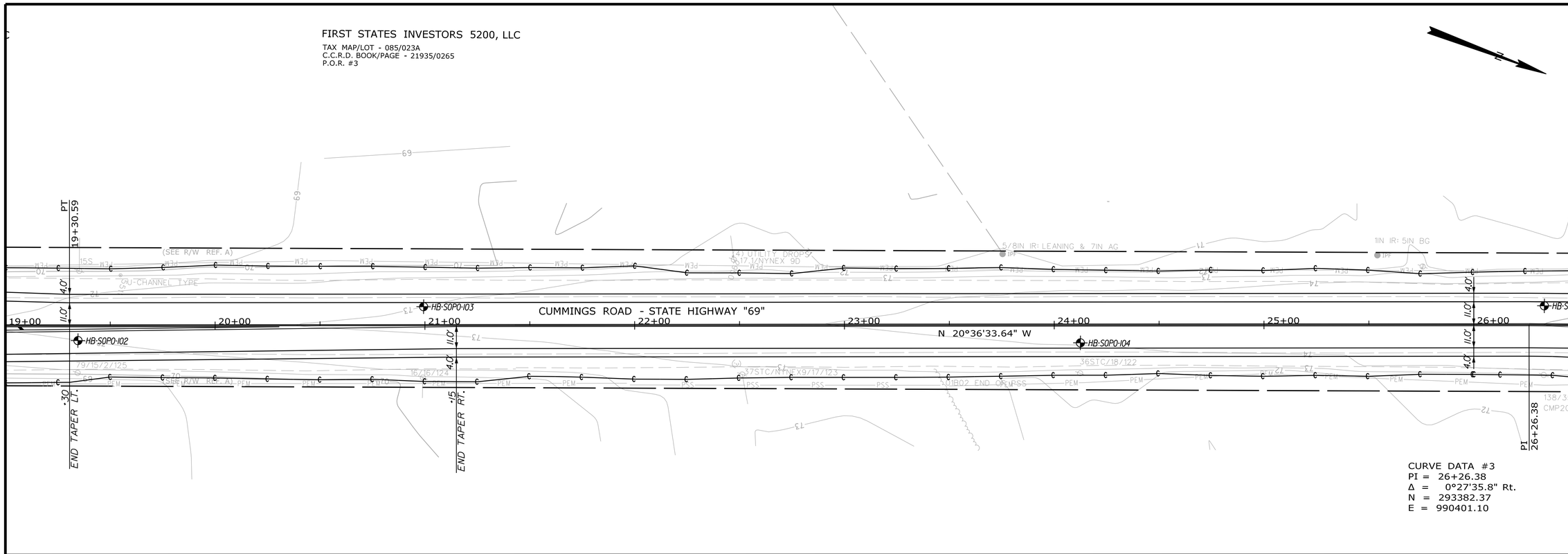
GENERAL PLAN 1

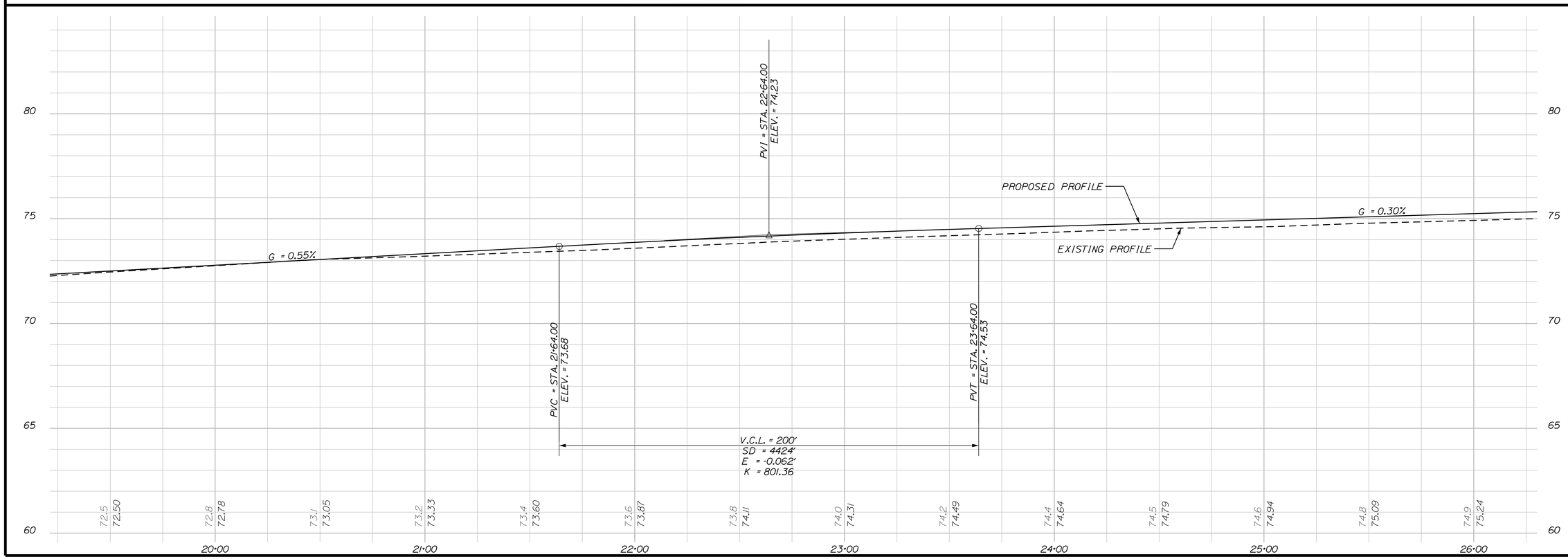
SHEET NUMBER

8

OF 56

Filename: ...\HIGHWAY\MSTA\008_HDPlan1.dgn Division: HIGHWAY Username: parmata Date:6/22/2012





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ERNEST MARTIN		
DESIGN-DETAILED	TPL	-----
CHECKED-REVIEWED	PZA	-----
DESIGN2-DETAILED2	GAS	-----
DESIGN3-DETAILED3	GAE	-----
REVISIONS 1		-----
REVISIONS 2		-----
REVISIONS 3		-----
REVISIONS 4		-----
FIELD CHANGES		-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

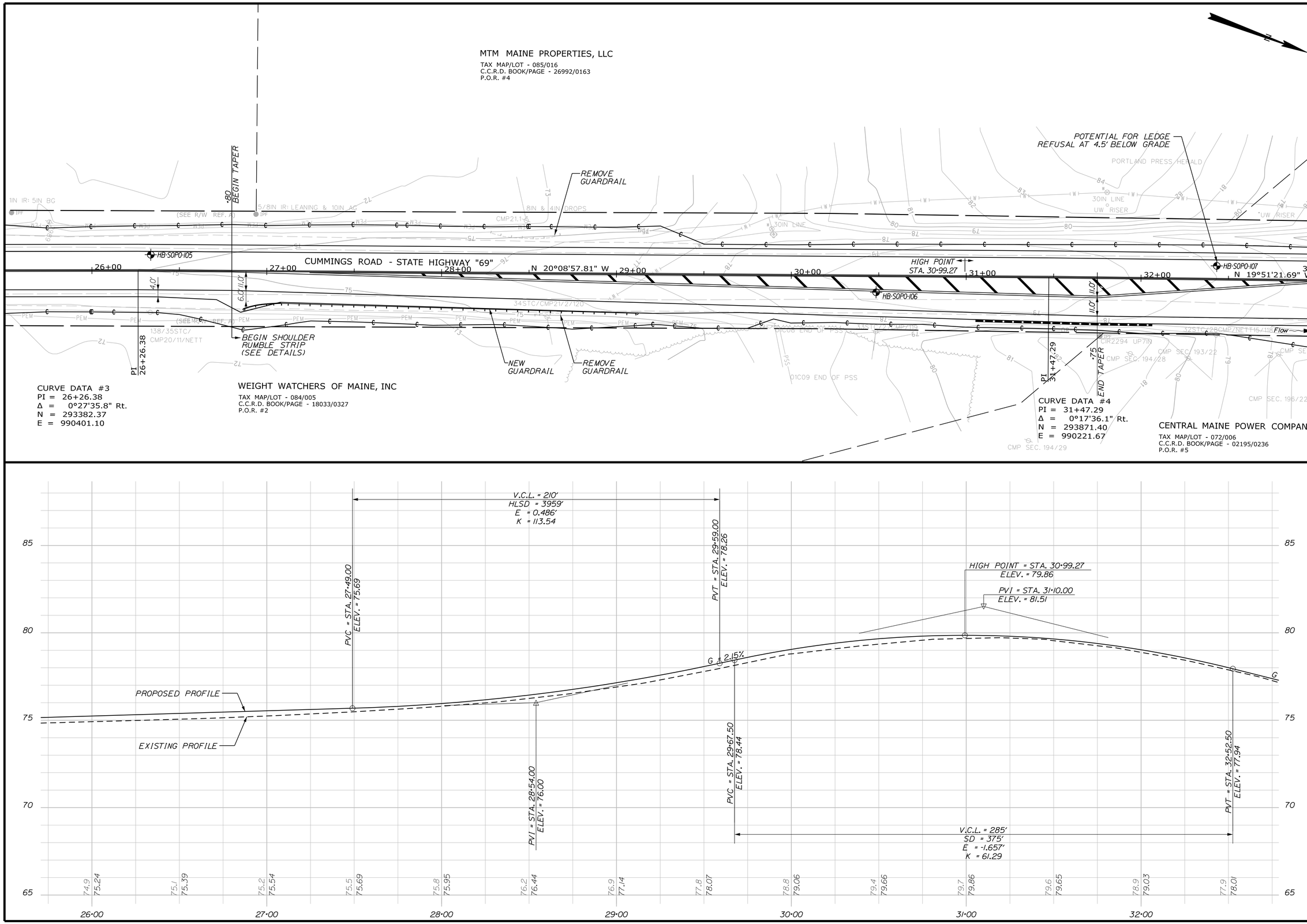
GENERAL PLAN 2

SHEET NUMBER

9

OF 56

Filename: ...\HIGHWAY\MSTA\009_HDPlan2.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

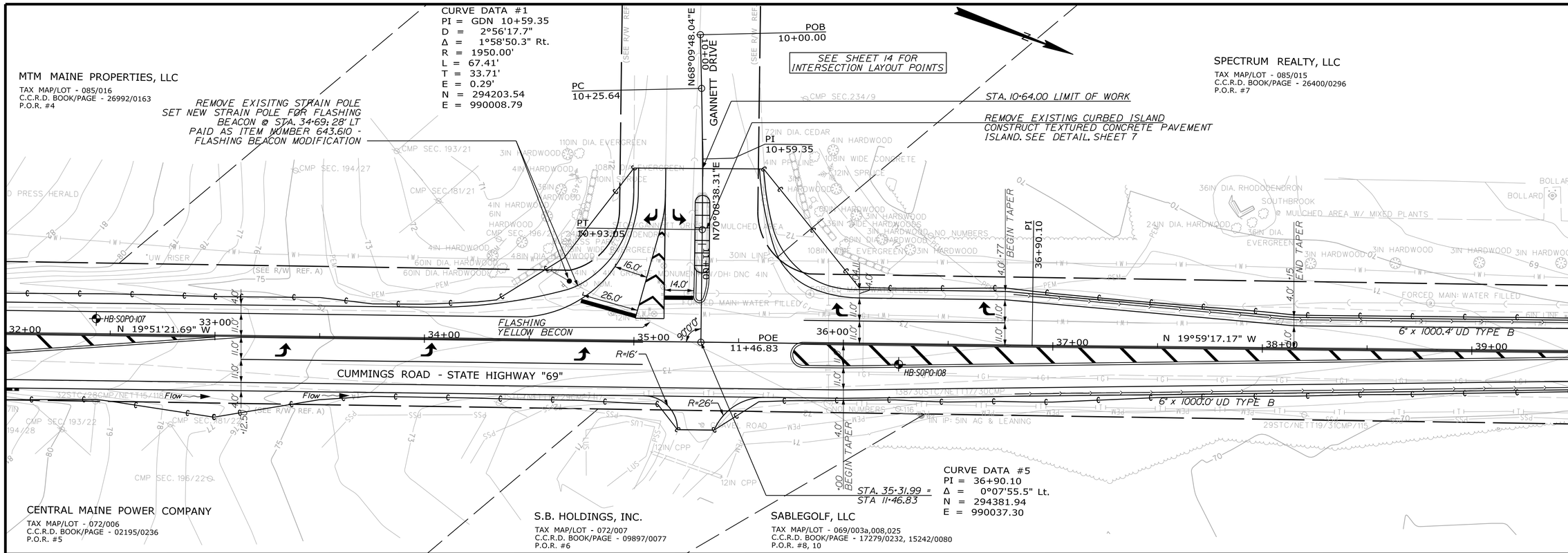
GENERAL PLAN 3

SHEET NUMBER

10

OF 56

Filename: ...\HIGHWAY\MSTA\010_HOPlan3.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	GAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

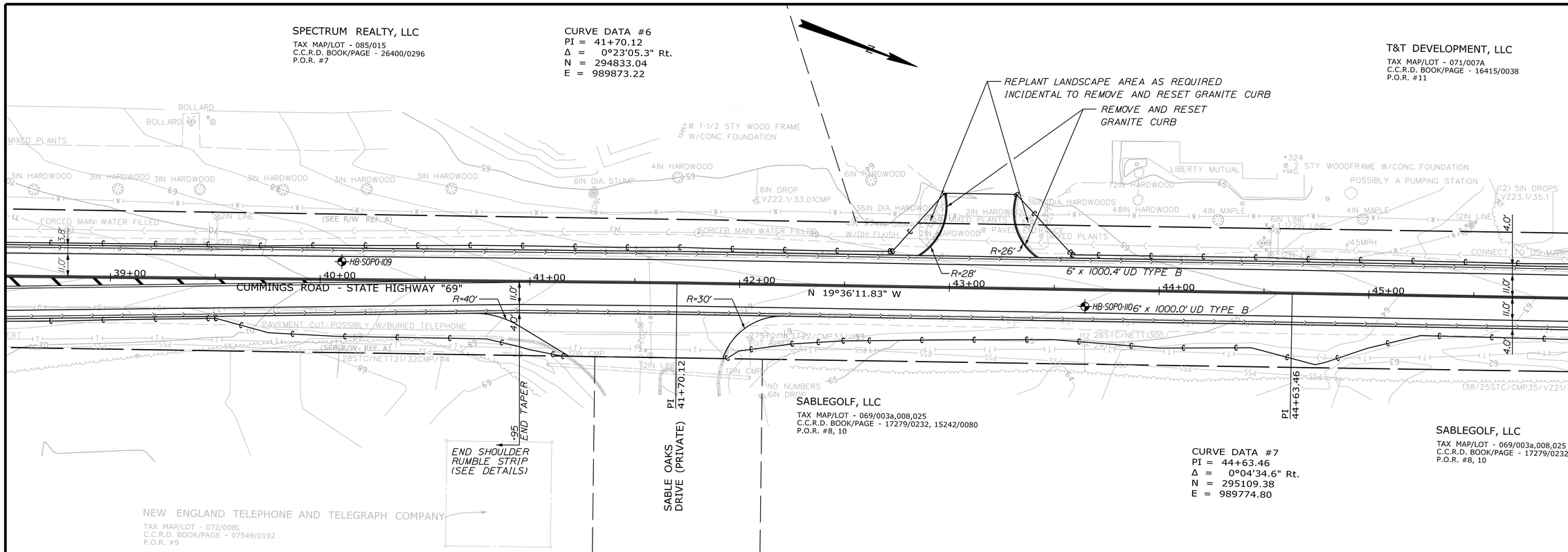
GENERAL PLAN 4

SHEET NUMBER

11

OF 56

Filename: ...\HIGHWAY\MSTA\011_HDPlan4.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	GAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

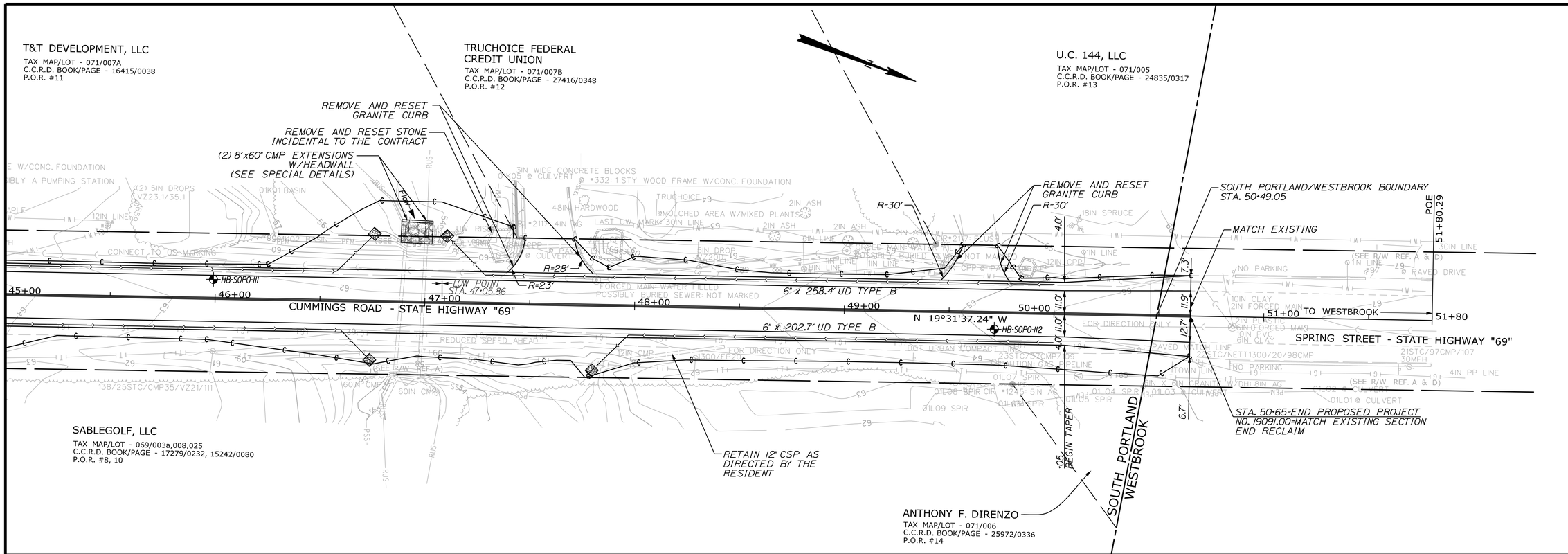
GENERAL PLAN 5

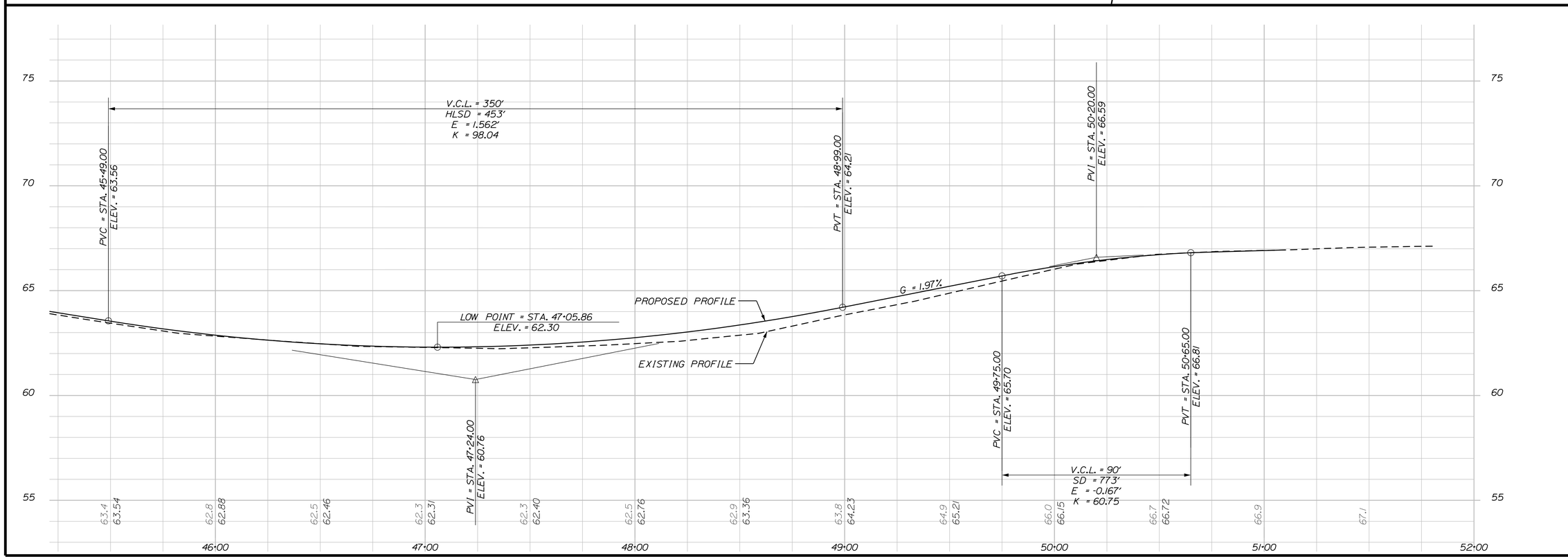
SHEET NUMBER

12

OF 56

Filename: ...\HIGHWAY\MSTA\012_HDPlan5.dgn Division: HIGHWAY Username: parmata Date:6/22/2012





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			-----
REVISIONS 2			-----
REVISIONS 3			-----
REVISIONS 4			-----
FIELD CHANGES			-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

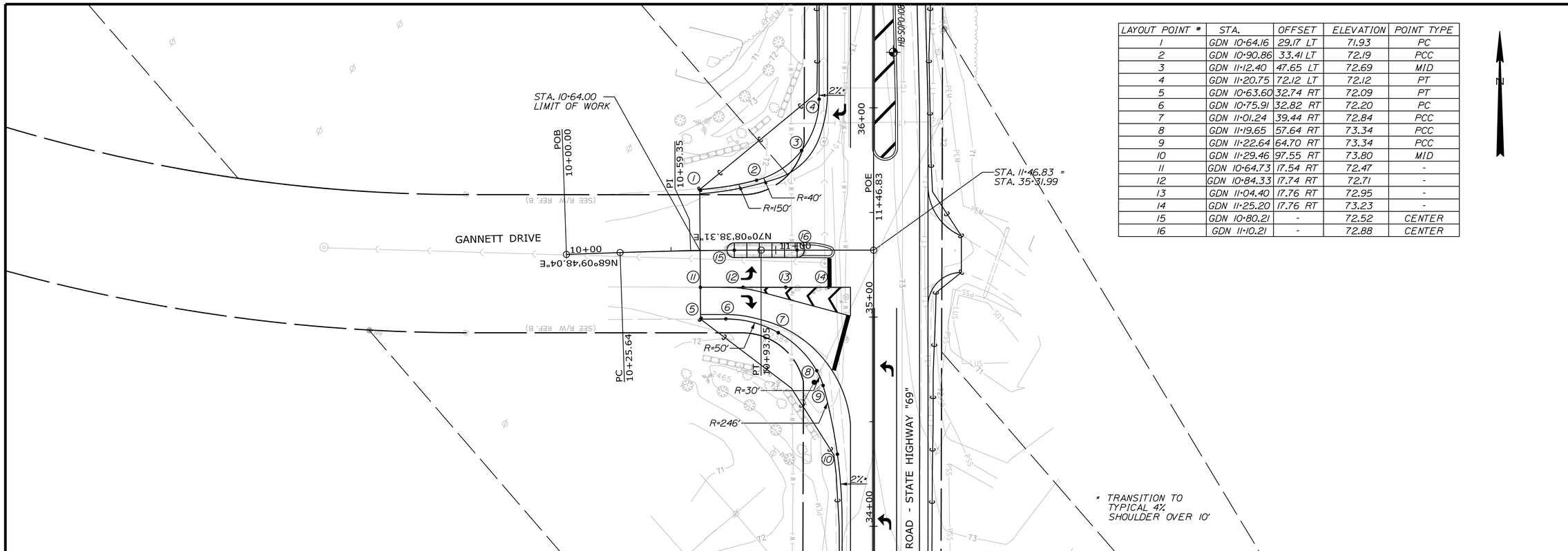
GENERAL PLAN 6

SHEET NUMBER

13

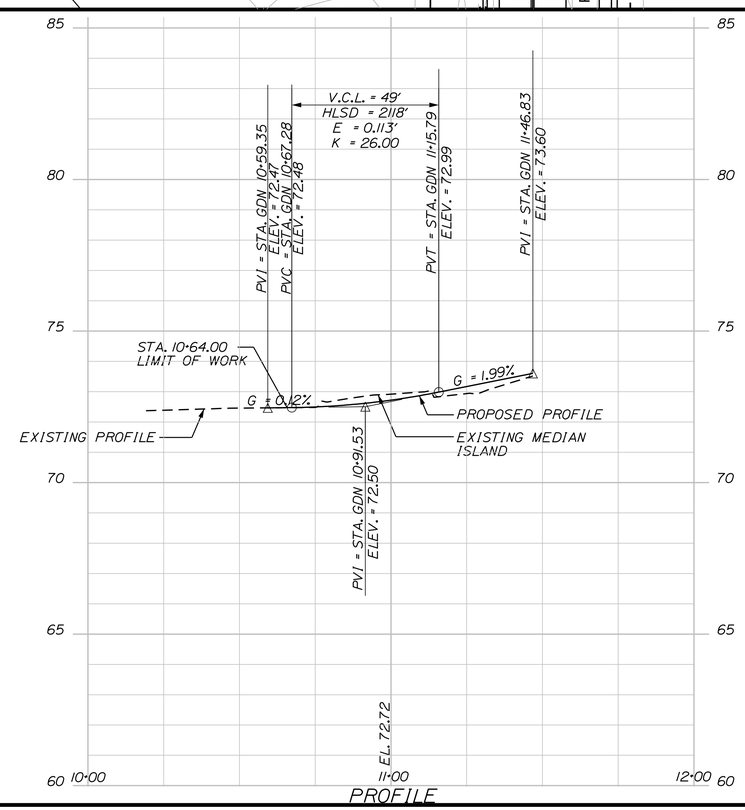
OF 56

Filename: ...\HIGHWAY\MSTA\013_HDPlan6.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



LAYOUT POINT #	STA.	OFFSET	ELEVATION	POINT TYPE
1	GDN 10+64.16	29.17 LT	71.93	PC
2	GDN 10+90.86	33.41 LT	72.19	PCC
3	GDN 11+12.40	47.65 LT	72.69	MID
4	GDN 11+20.75	72.12 LT	72.12	PT
5	GDN 10+63.60	32.74 RT	72.09	PT
6	GDN 10+75.91	32.82 RT	72.20	PC
7	GDN 11+01.24	39.44 RT	72.84	PCC
8	GDN 11+19.65	57.64 RT	73.34	PCC
9	GDN 11+22.64	64.70 RT	73.34	PCC
10	GDN 11+29.46	97.55 RT	73.80	MID
11	GDN 10+64.73	17.54 RT	72.47	-
12	GDN 10+84.33	17.74 RT	72.71	-
13	GDN 11+04.40	17.76 RT	72.95	-
14	GDN 11+25.20	17.76 RT	73.23	-
15	GDN 10+80.21	-	72.52	CENTER
16	GDN 11+10.21	-	72.88	CENTER

* TRANSITION TO TYPICAL 4% SHOULDER OVER 10'



PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	SIGNATURE
DESIGN3-DETAILED3	-----	-----	P.E. NUMBER
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	DATE
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

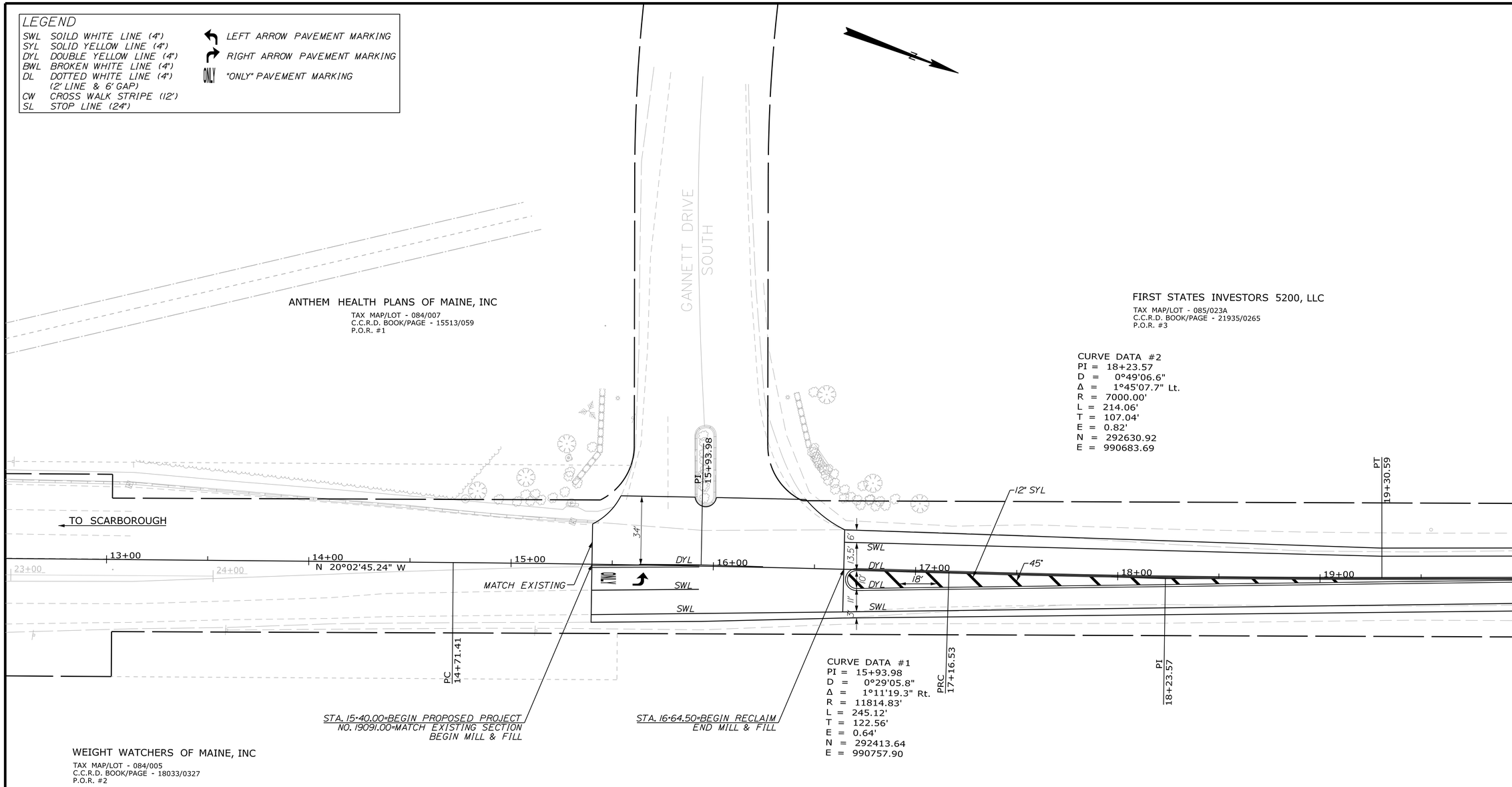
GEOMETRIC LAYOUT PLAN 1

SHEET NUMBER

14

OF 56

Filename: ...\HIGHWAY\MSTA\014_SPPlan1.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



NOTES:

1. ALL WORK TO CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIGES AND STANDARD DETAILS.
2. ALL PROPOSED WORK SHALL BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". AND "STANDARD HIGHWAY SIGNS", U.S.D.O.T., F.H.W.A. LATEST EDITION.
3. PAYMENT FOR REMOVAL OF EXISTING SIGNS SHALL BE INCIDENTAL TO OTHER SIGNING ITEMS.
4. SIGNS INSTALLED ON ISLANDS SHALL BE INSTALLED ON 4 LB/FT U-CHANNEL POSTS AND BREAKWAY DEVICE. THE BREAKAWAY DEVICE SHALL BE MARION STEEL LAP SPLICE U-CHANNEL BREAKAWAY SYSTEM. " THE RIB-BAK."
5. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS (INCIDENTAL TO THE CONTRACT).

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	GAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

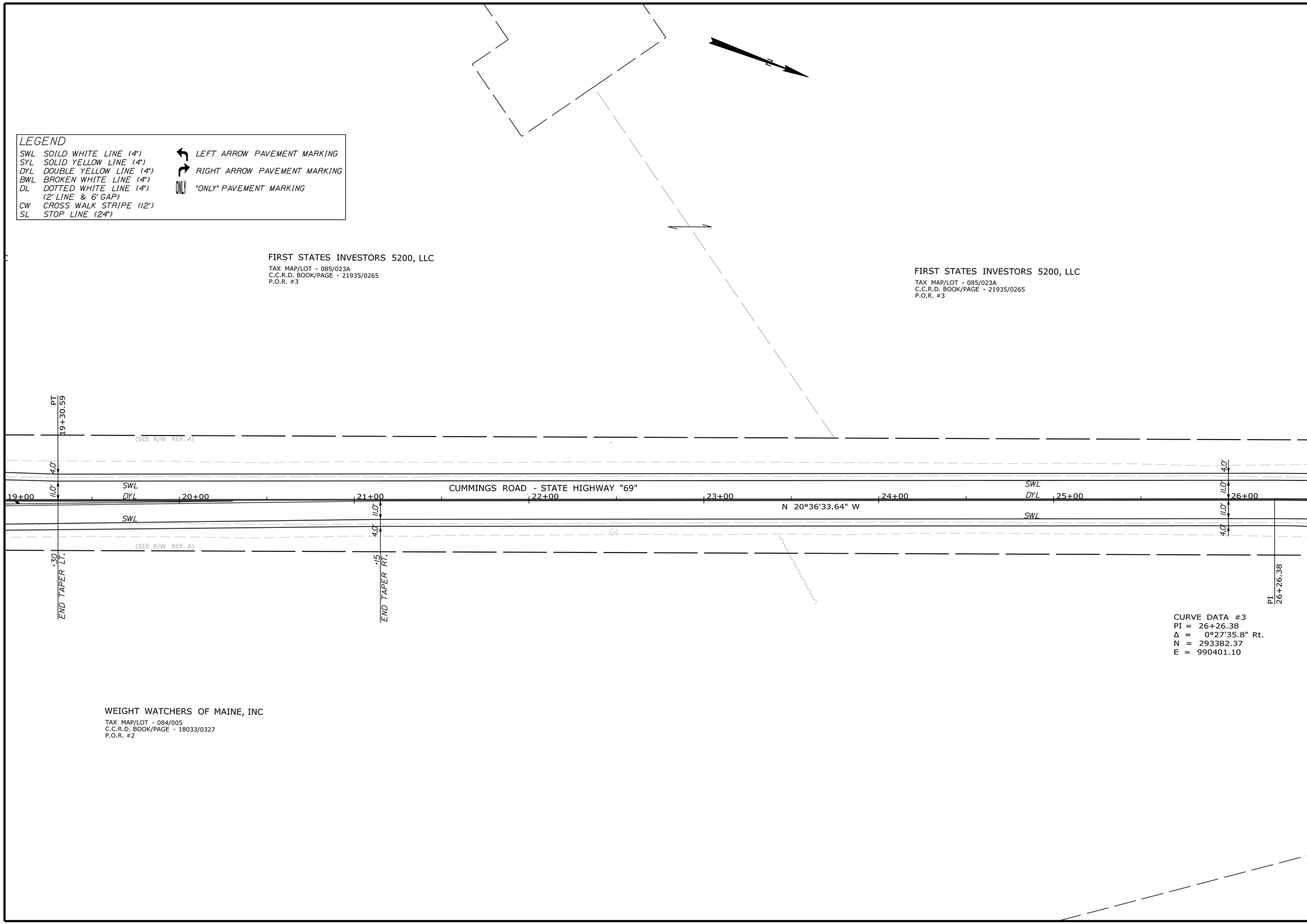
SIGNING & STRIPING PLAN 1

SHEET NUMBER

15

OF 56

Filename: ...\HIGHWAY\MSTA\015_SSPlan1.dgn Division: HIGHWAY Username: common Date:8/13/2012



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA
CHECKED-REVIEWED	GAS	GAE
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

SIGNING & STRIPING PLAN 2

SHEET NUMBER

16

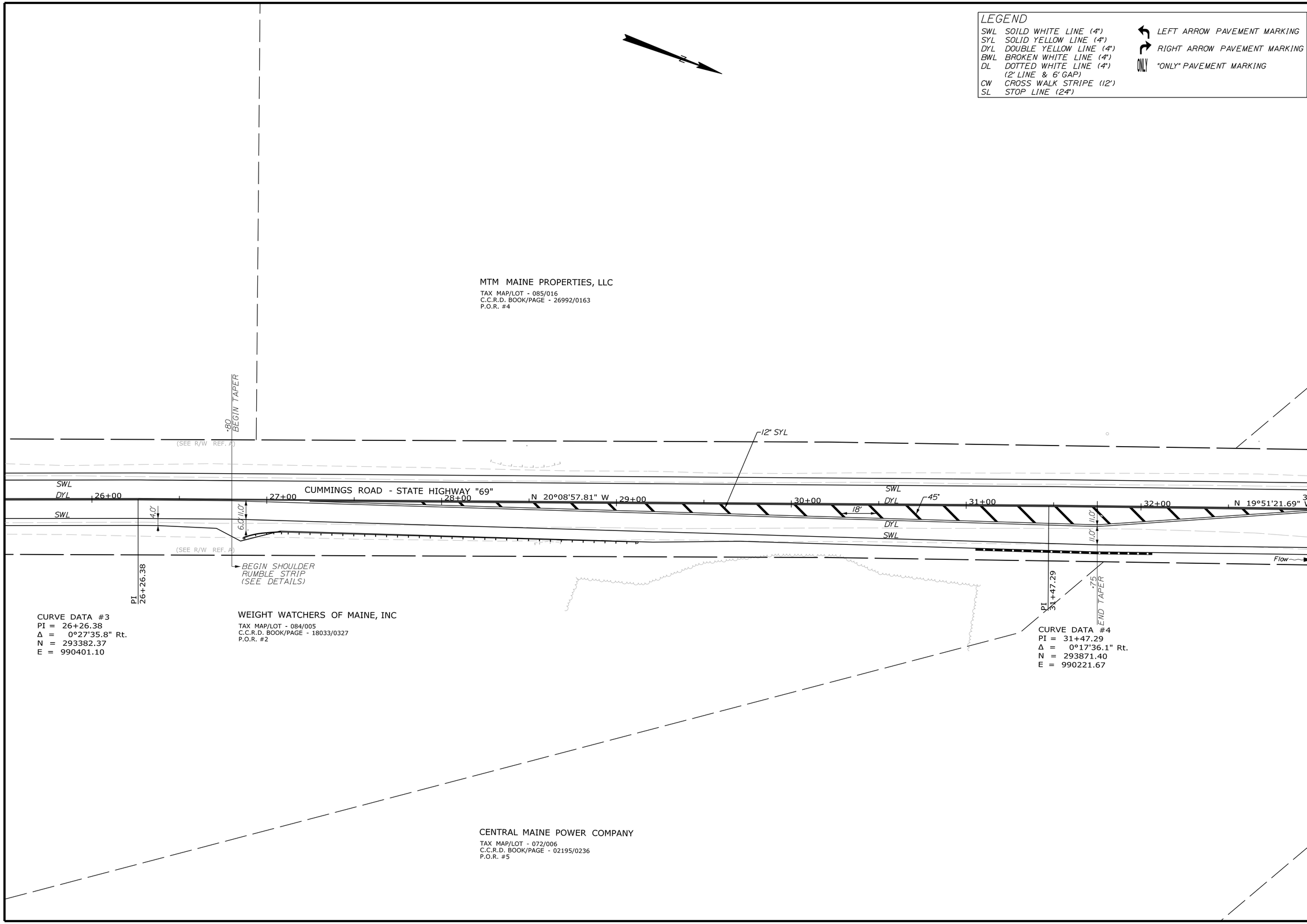
OF 56

Filename: ...\HIGHWAY\MSTA\016_SSPlan2.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

Filename: ...\HIGHWAY\MSTA\017_SSPlan3.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

LEGEND

SWL	SOILD WHITE LINE (4")	LEFT ARROW PAVEMENT MARKING
SYL	SOLID YELLOW LINE (4")	RIGHT ARROW PAVEMENT MARKING
DYL	DOUBLE YELLOW LINE (4")	
BWL	BROKEN WHITE LINE (4")	
DL	DOTTED WHITE LINE (4") (2' LINE & 6' GAP)	ONLY "ONLY" PAVEMENT MARKING
CW	CROSS WALK STRIPE (12')	
SL	STOP LINE (24")	



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			-----
DESIGN3-DETAILED3			-----
REVISIONS 1			-----
REVISIONS 2			-----
REVISIONS 3			-----
REVISIONS 4			-----
FIELD CHANGES			-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

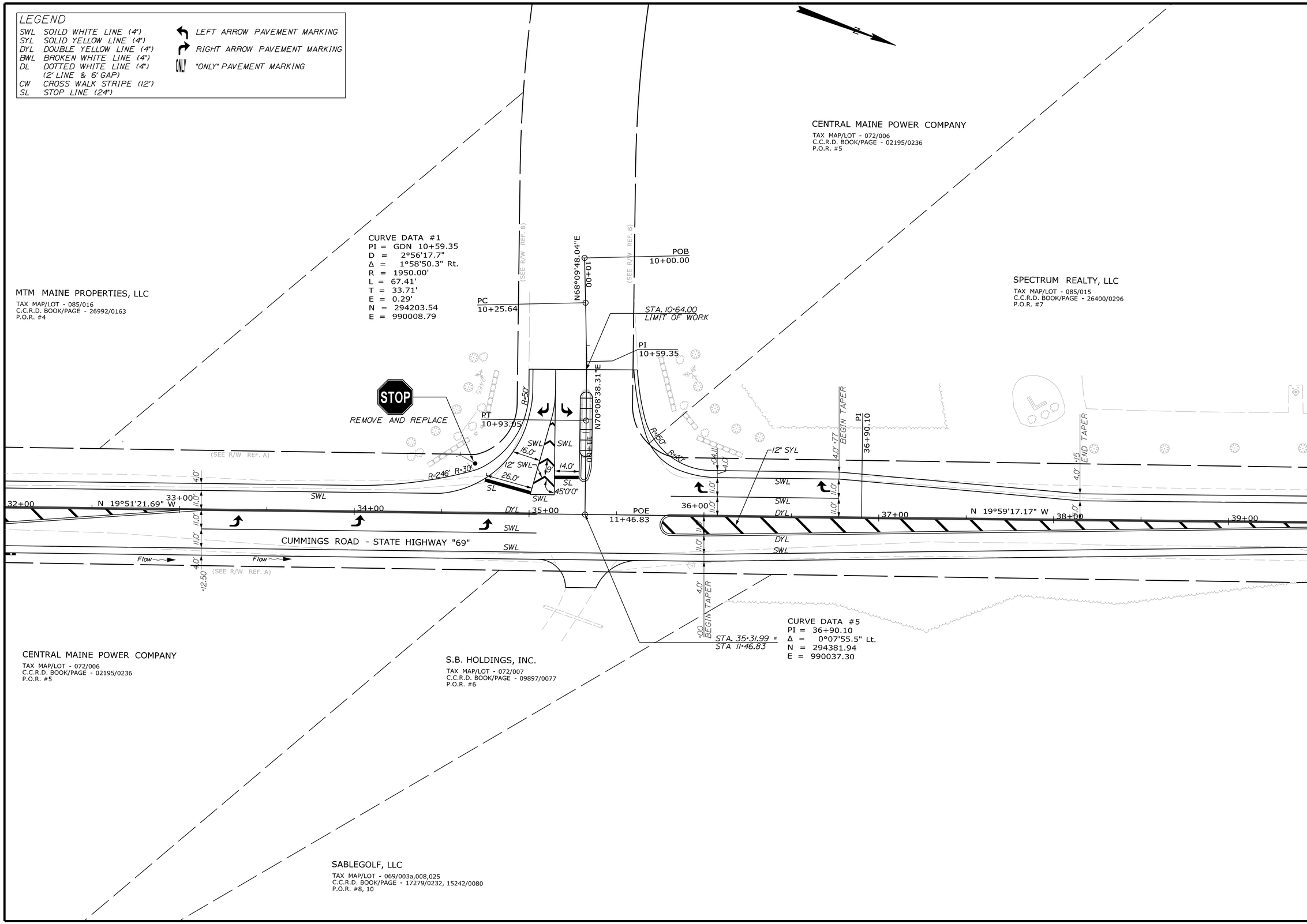
SOUTH PORTLAND CUMBERLAND COUNTY

SIGNING & STRIPING PLAN 3

SHEET NUMBER

17

OF 56



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	CAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

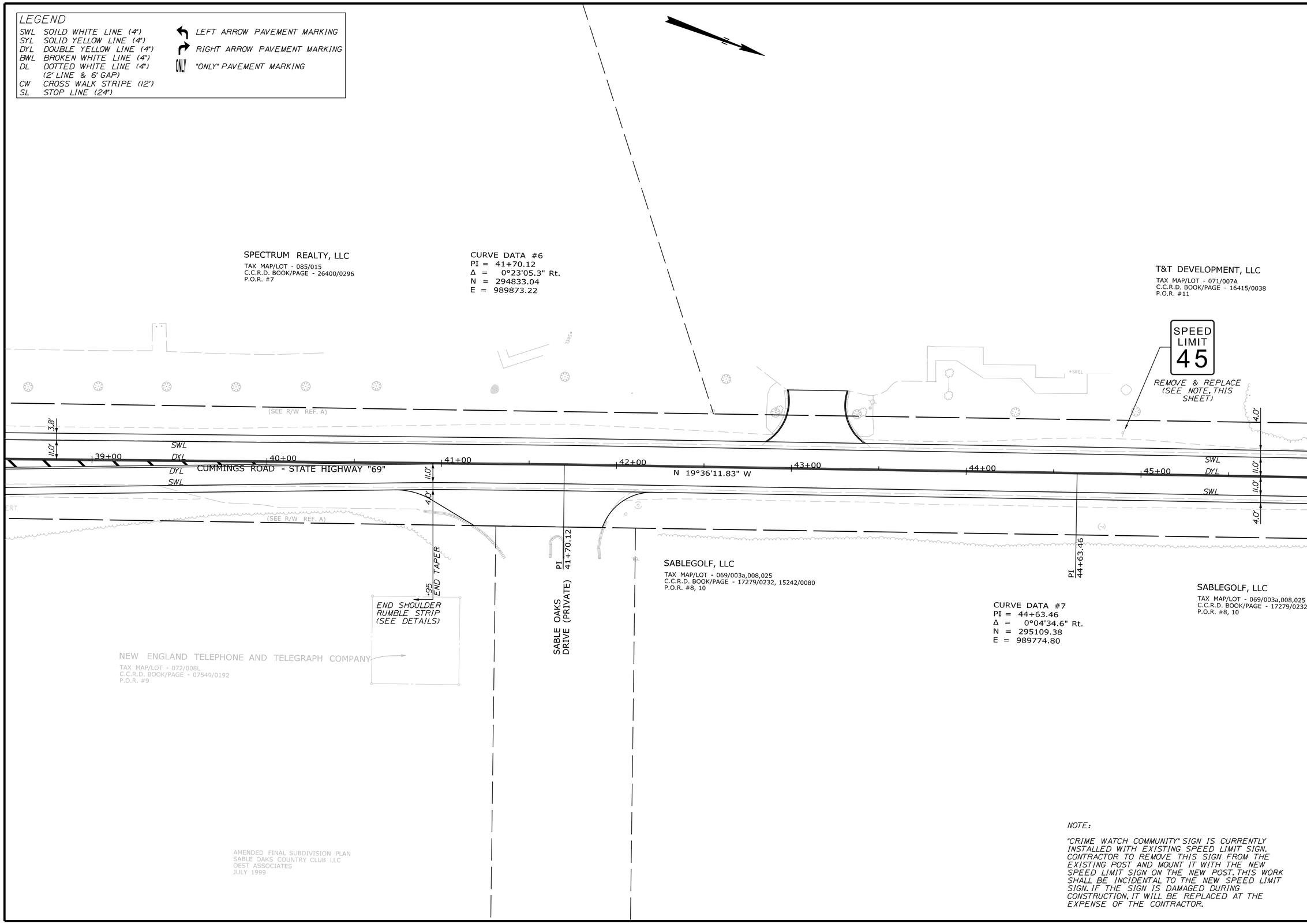
SIGNING & STRIPING PLAN 4

SHEET NUMBER

18

OF 56

Filename: ...\HIGHWAY\MSTA\018_SSPlan4.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



NOTE:

"CRIME WATCH COMMUNITY" SIGN IS CURRENTLY INSTALLED WITH EXISTING SPEED LIMIT SIGN. CONTRACTOR TO REMOVE THIS SIGN FROM THE EXISTING POST AND MOUNT IT WITH THE NEW SPEED LIMIT SIGN ON THE NEW POST. THIS WORK SHALL BE INCIDENTAL TO THE NEW SPEED LIMIT SIGN. IF THE SIGN IS DAMAGED DURING CONSTRUCTION, IT WILL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA
CHECKED-REVIEWED	GAS	GAE
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

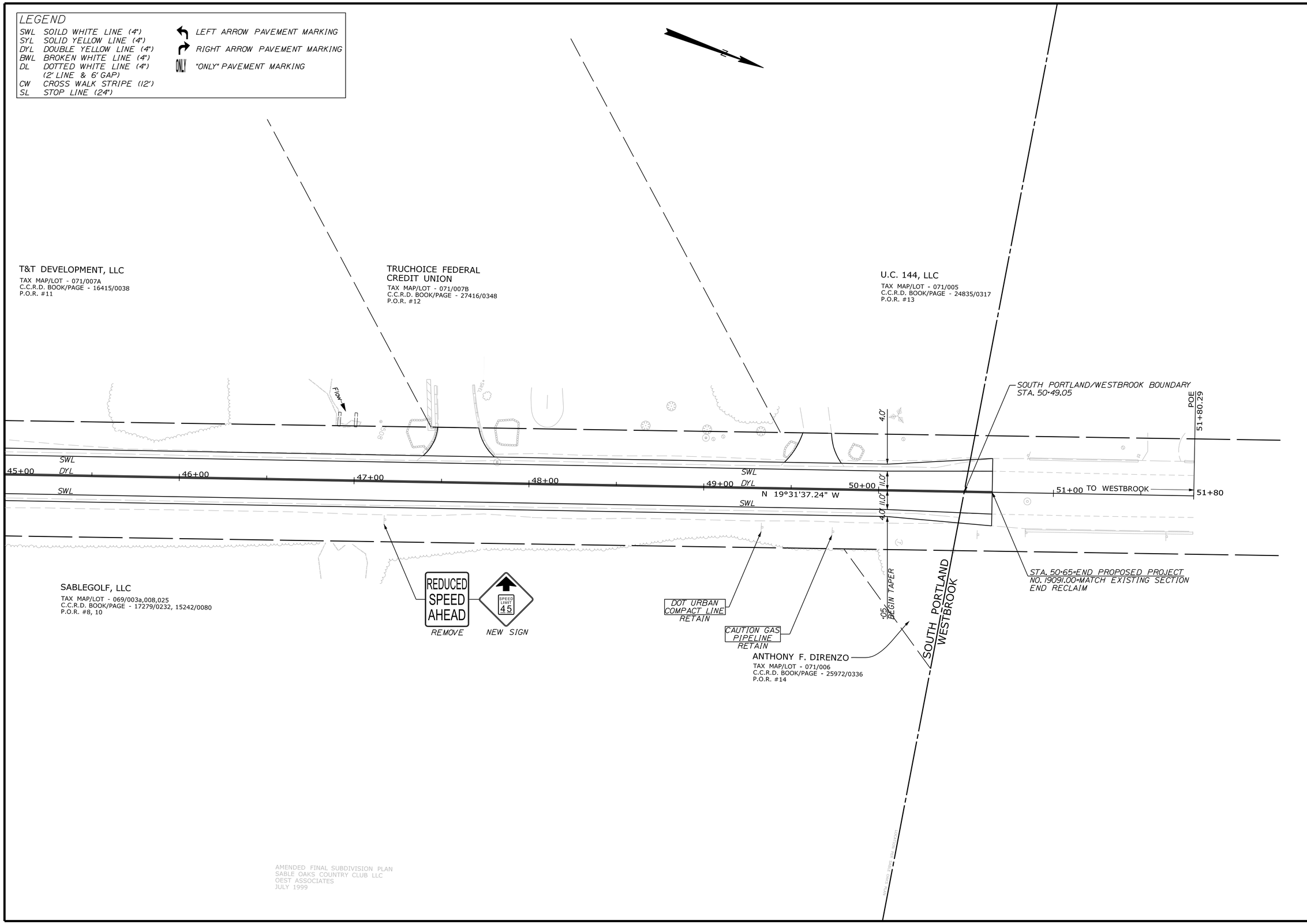
DATE

CUMMINGS ROAD
SOUTH PORTLAND CUMBERLAND COUNTY

SIGNING & STRIPING PLAN 5

SHEET NUMBER
19
OF 56

Filename: ...\HIGHWAY\MSTA\019_SSPlan5.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA
CHECKED-REVIEWED	GAS	GAE
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

SIGNING & STRIPING PLAN 6

SHEET NUMBER

20

OF 56

Filename: ...\HIGHWAY\MSTA\020_SSPlan6.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

ITEM NUMBER	IDENTIFICATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND BORDER	TOTAL AREA IN SQUARE FEET	POST
645.271	R2-1(45)	24	30					1	WHITE	BLACK	5.00	U CHANNEL
645.292	R1-1	30	30					1	RED	WHITE	6.25	U CHANNEL
645.271	W3-5 (35)	36	36					1	YELLOW	BLACK	9.00	U CHANNEL

ITEM NUMBER	IDENTIFICATION NUMBER	SIZE OF SIGN WIDTH	SIZE OF SIGN HEIGHT	TEXT	TEXT DIMENSIONS (INCHES) LETTER HEIGHT	TEXT DIMENSIONS (INCHES) VERTICAL SPACING	TEXT DIMENSIONS (INCHES) ARROW RTE. MKR.	NUMBER OF SIGNS REQUIRED	COLOR BACK-GROUND	COLOR LEGEND BORDER	TOTAL AREA IN SQUARE FEET	POST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	BY	DATE
CHECKED-REVIEWED	GAS	PZA	-----
DESIGN2-DETAILED2		GAE	-----
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

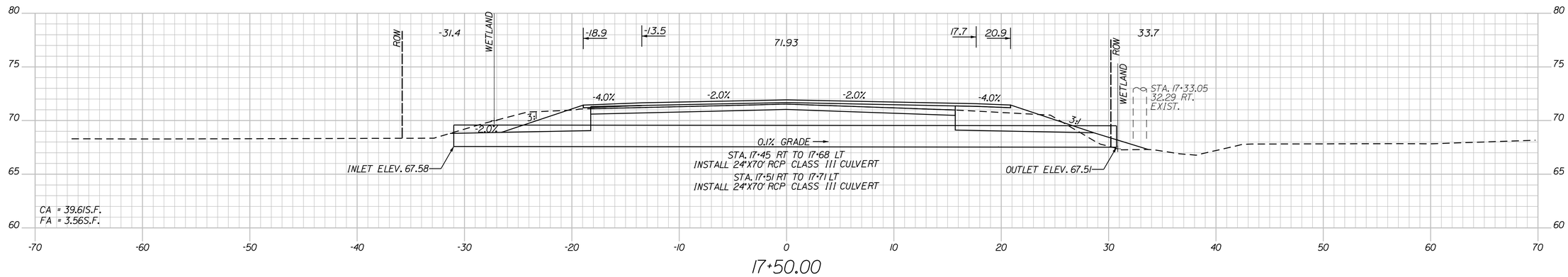
SIGN SUMMARY

SHEET NUMBER

21

OF 56

Filename: ...\MSTA\021_SigningSummary.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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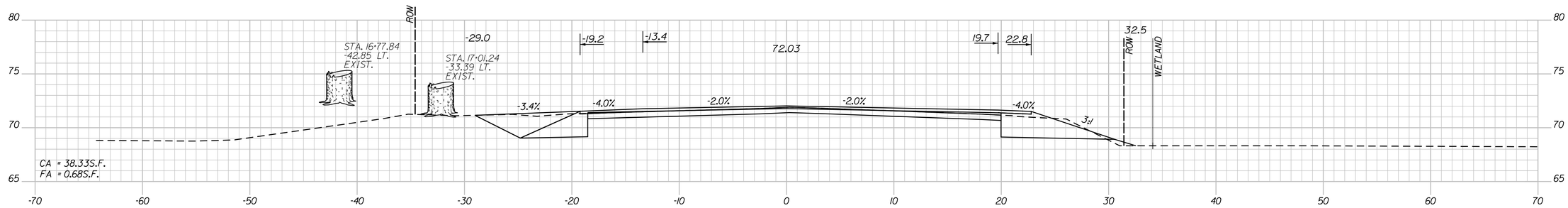

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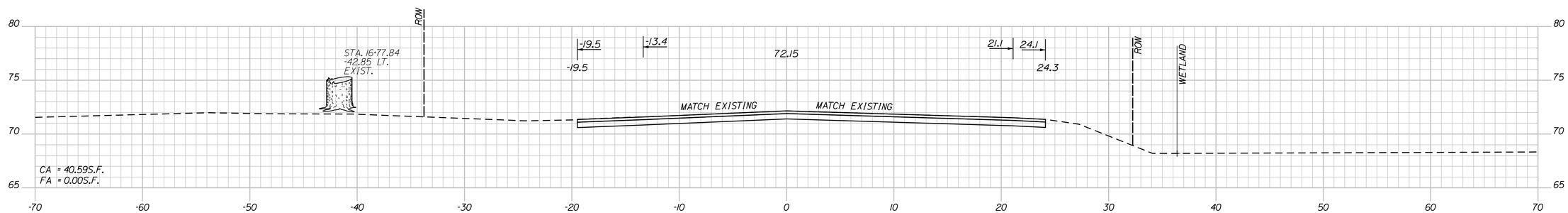

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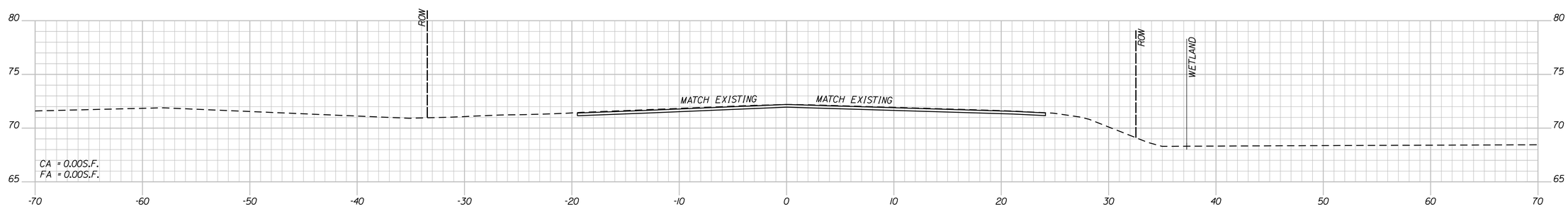


16+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

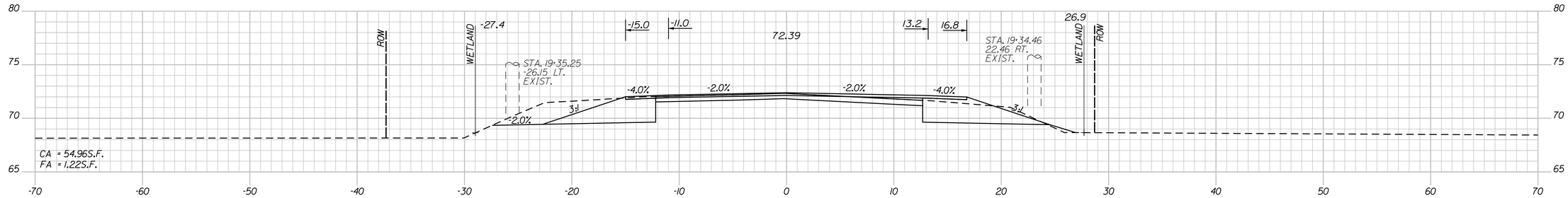
CROSS SECTION SHEET 1

SHEET NUMBER

22

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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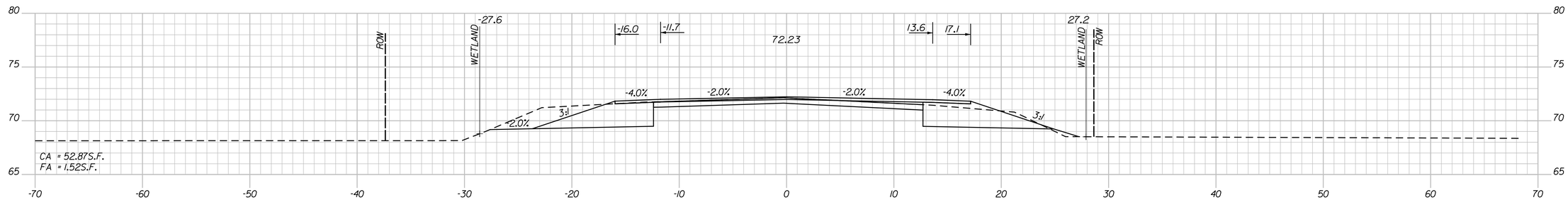

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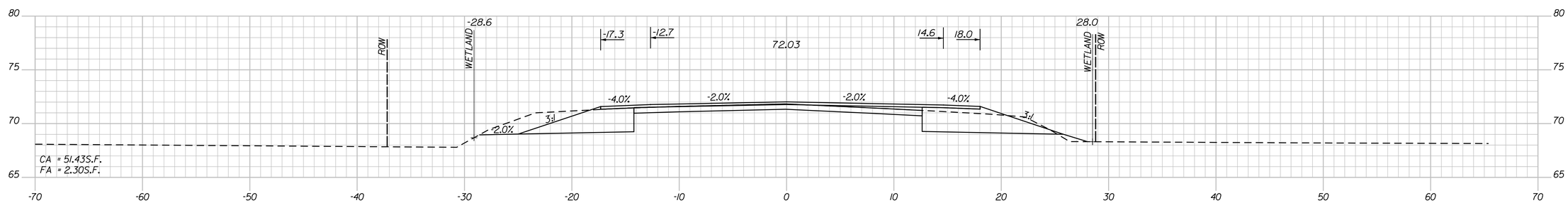

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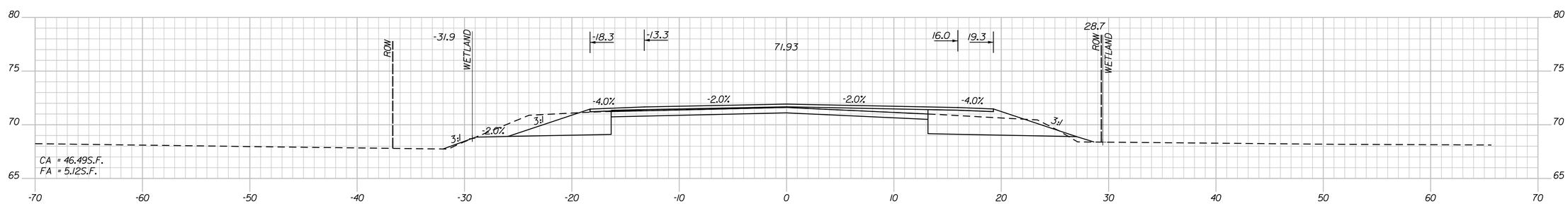


18+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

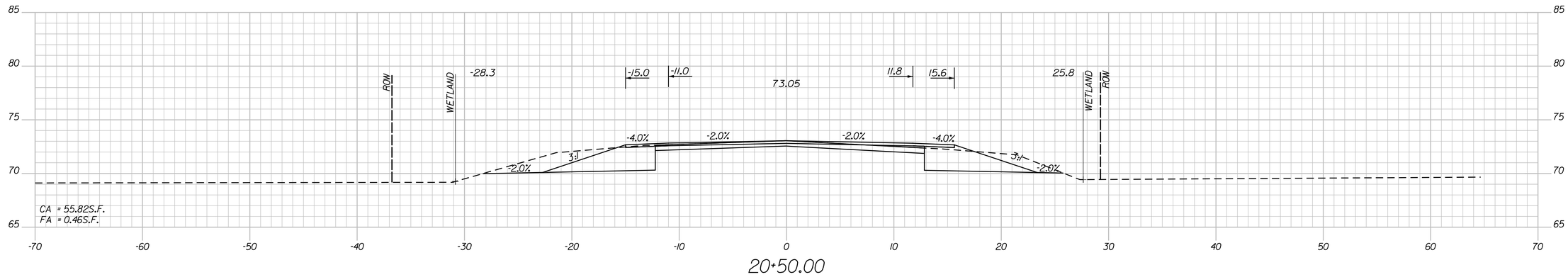
CROSS SECTION SHEET 2

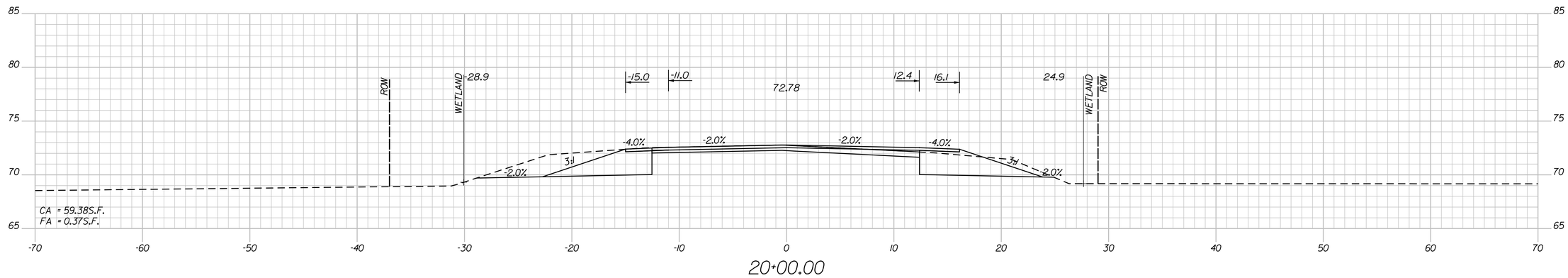
SHEET NUMBER

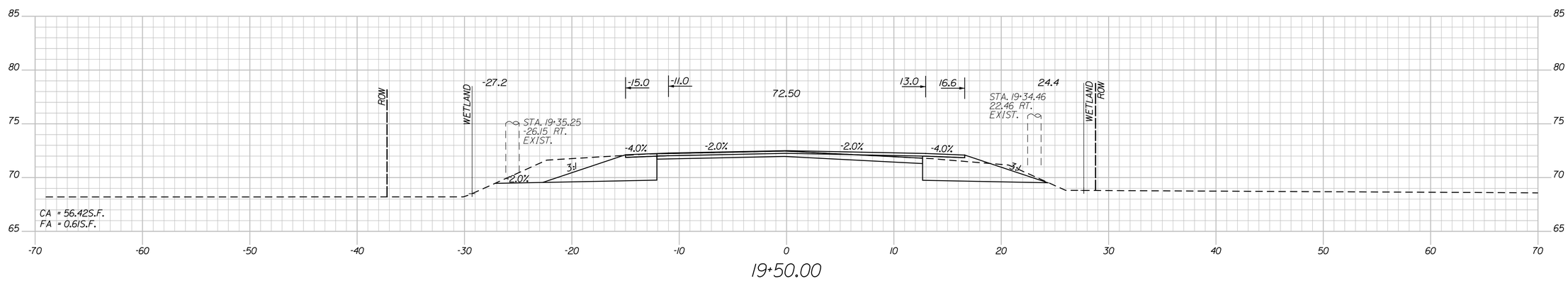
23

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	CAS	GAE	-----
DESIGN2-DETAILED2	------	------	-----
DESIGN3-DETAILED3	------	------	-----
REVISIONS 1	------	------	-----
REVISIONS 2	------	------	-----
REVISIONS 3	------	------	-----
REVISIONS 4	------	------	-----
FIELD CHANGES	------	------	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

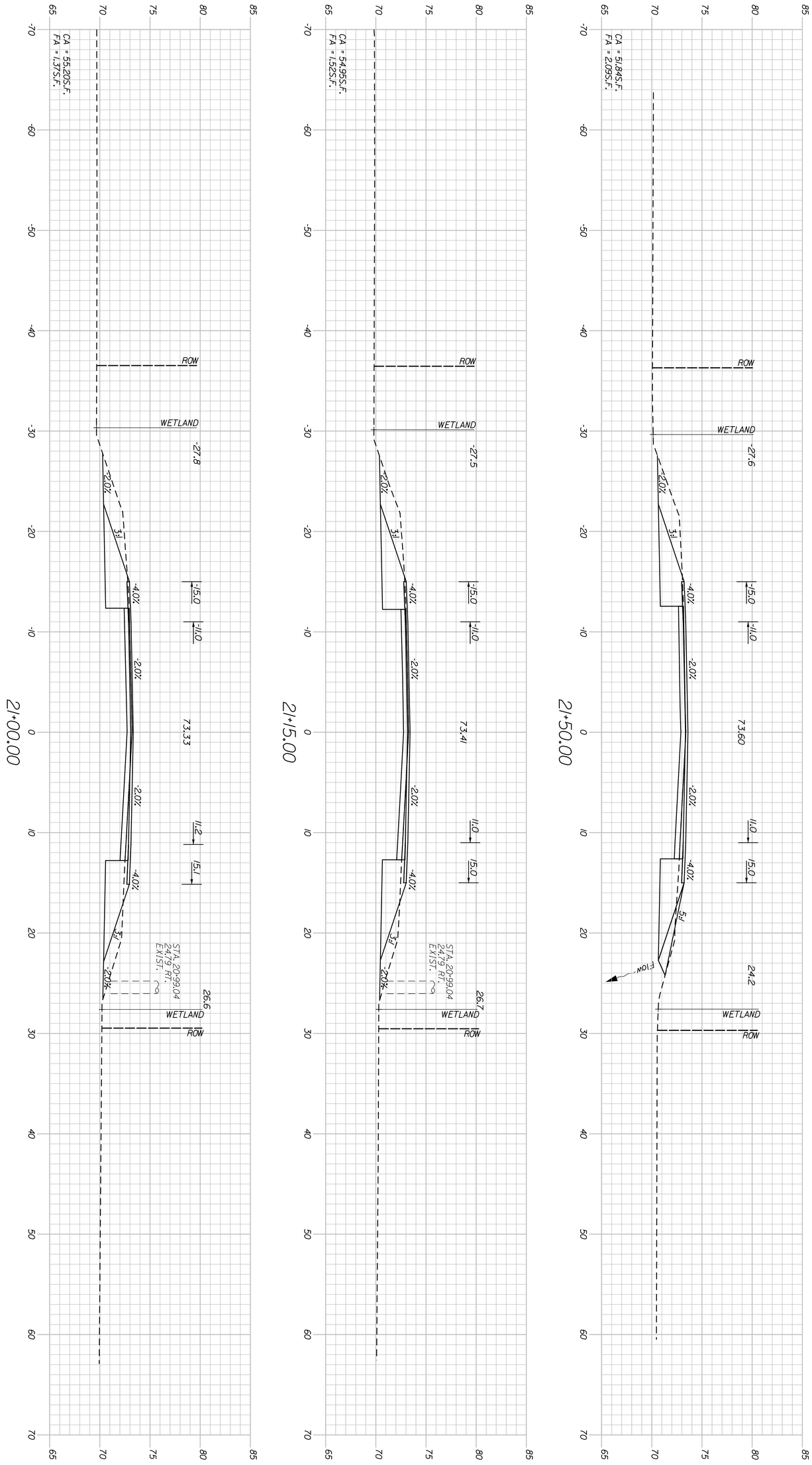
CROSS SECTION SHEET 3

SHEET NUMBER

24

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 4

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

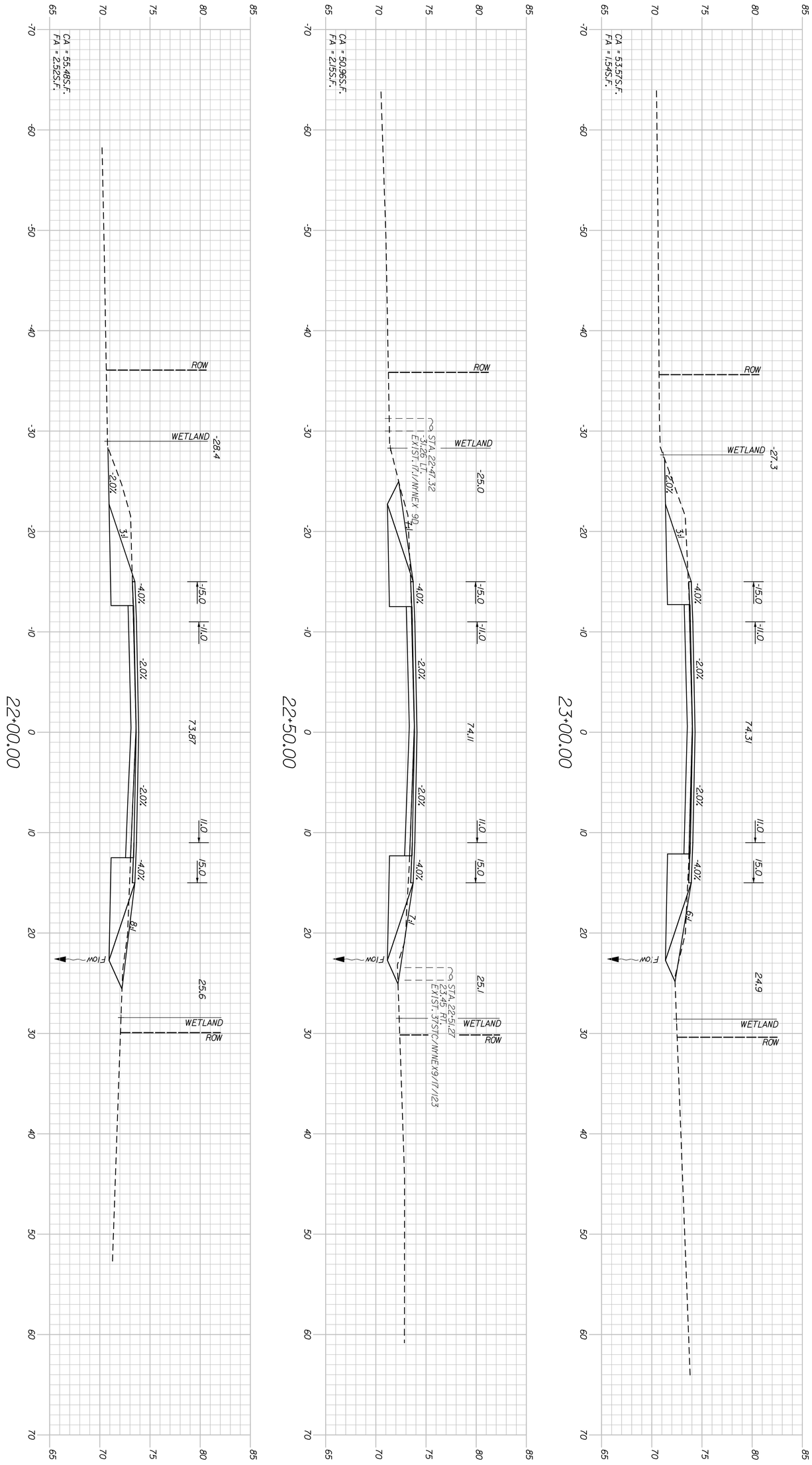
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 5

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	-----
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DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

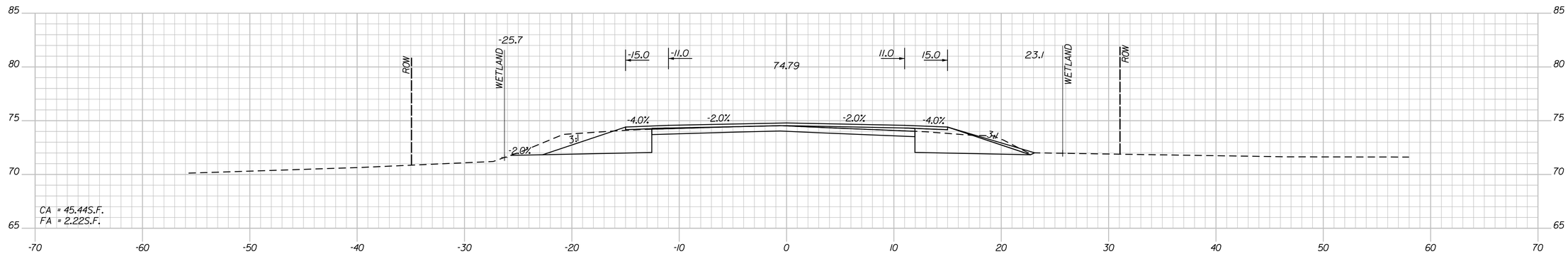
DATE

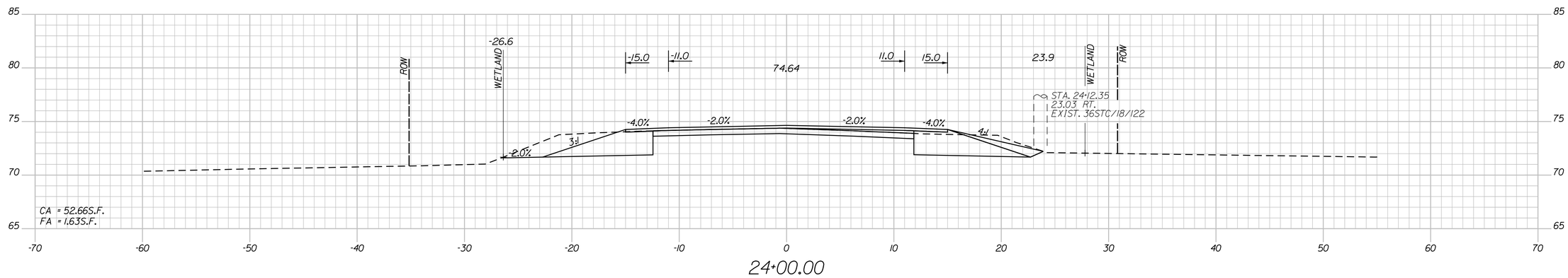
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

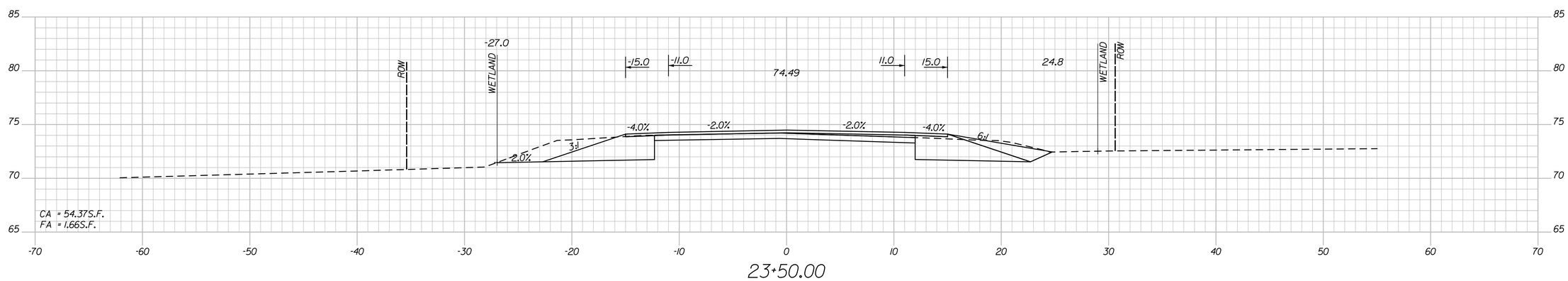
STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	CAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

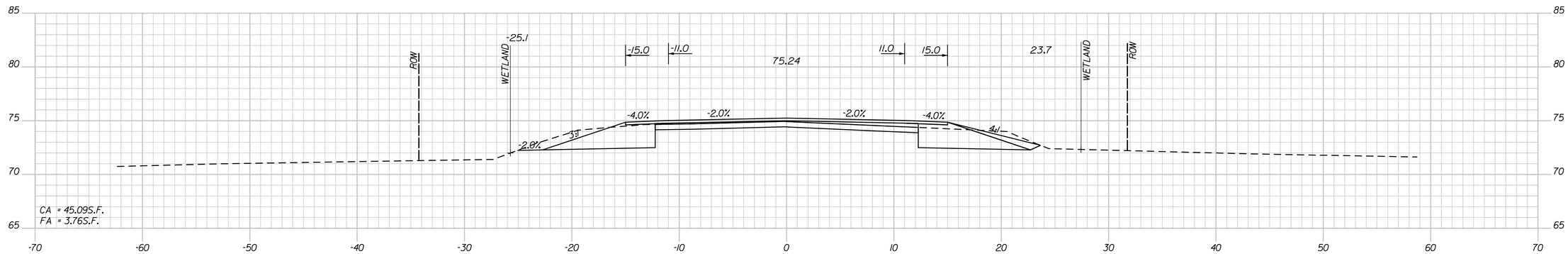
CROSS SECTION SHEET 6

SHEET NUMBER

27

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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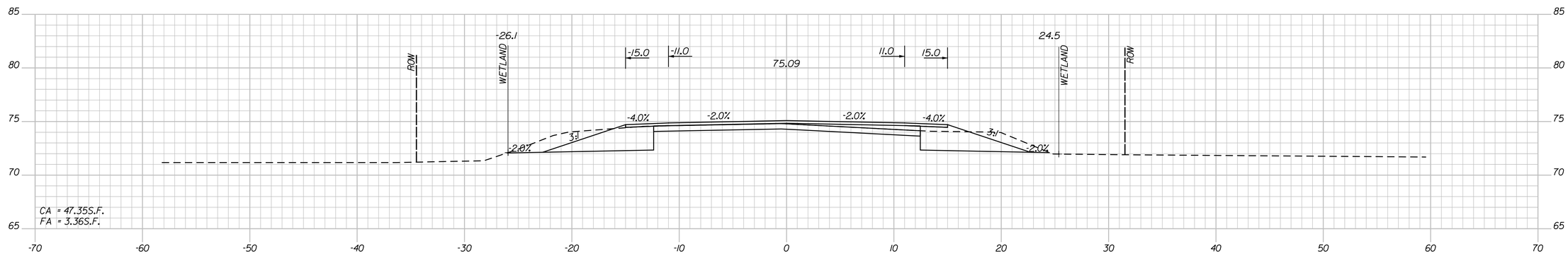

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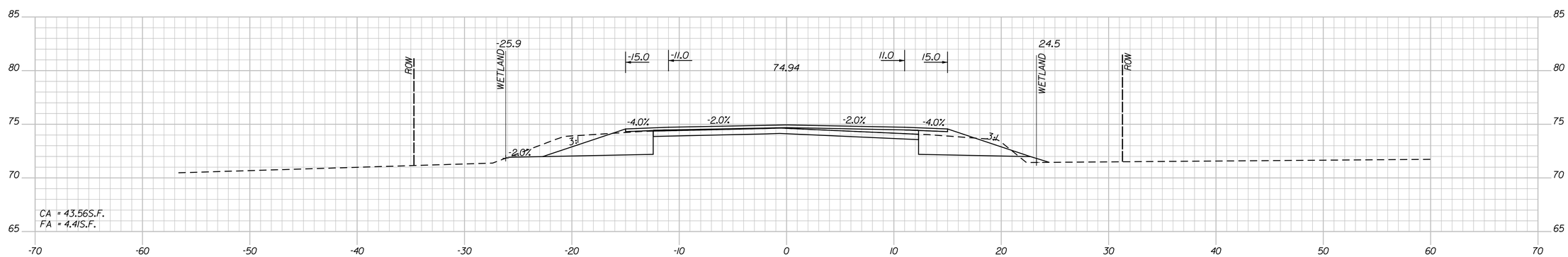


25+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	CAS	GAE	-----
DESIGN2-DETAILED2	-----		-----
DESIGN3-DETAILED3	-----		-----
REVISIONS 1	-----		-----
REVISIONS 2	-----		-----
REVISIONS 3	-----		-----
REVISIONS 4	-----		-----
FIELD CHANGES	-----		-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

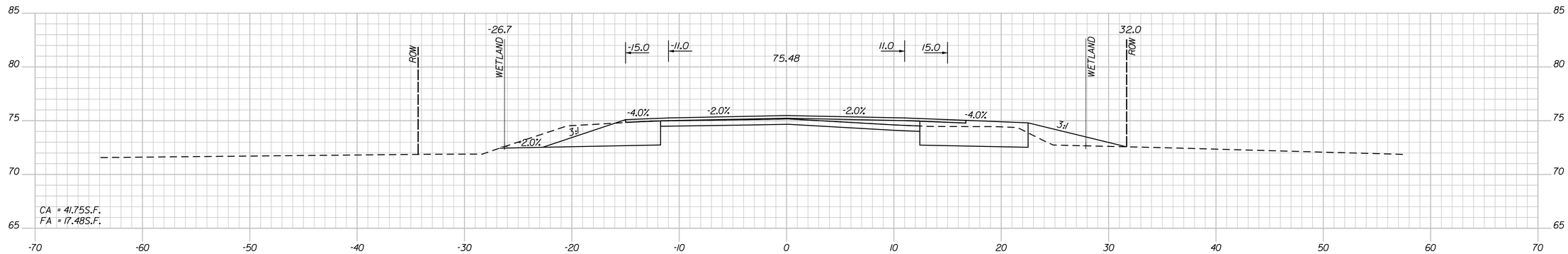
CROSS SECTION SHEET 7

SHEET NUMBER

28

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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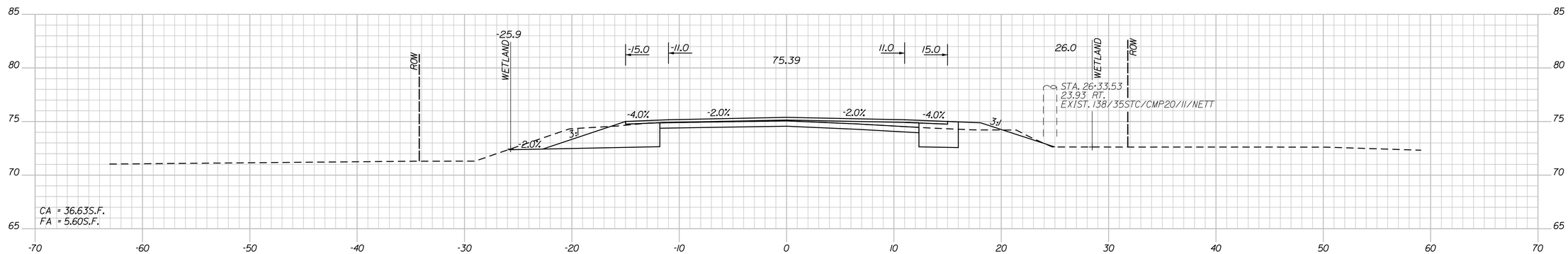

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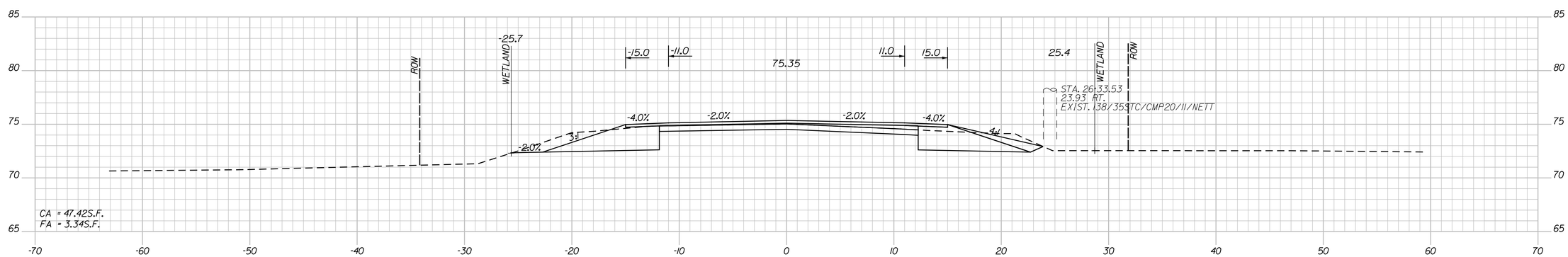

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	CAS	GAE	-----
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

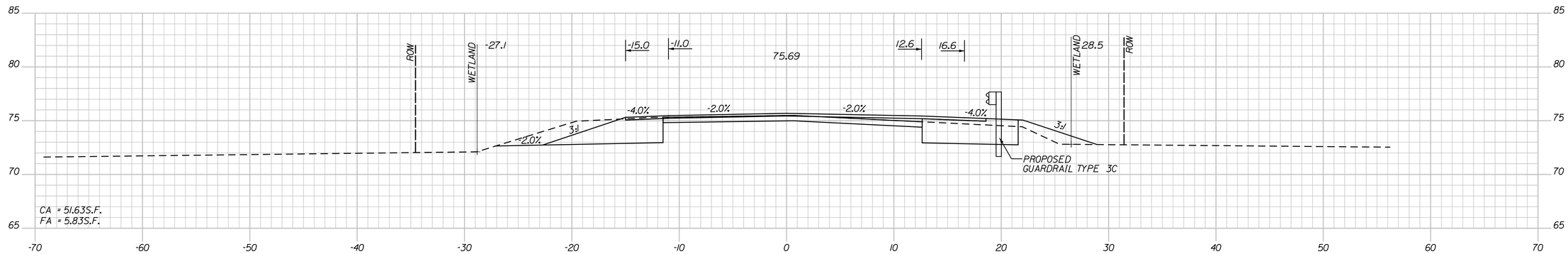
CROSS SECTION SHEET 8

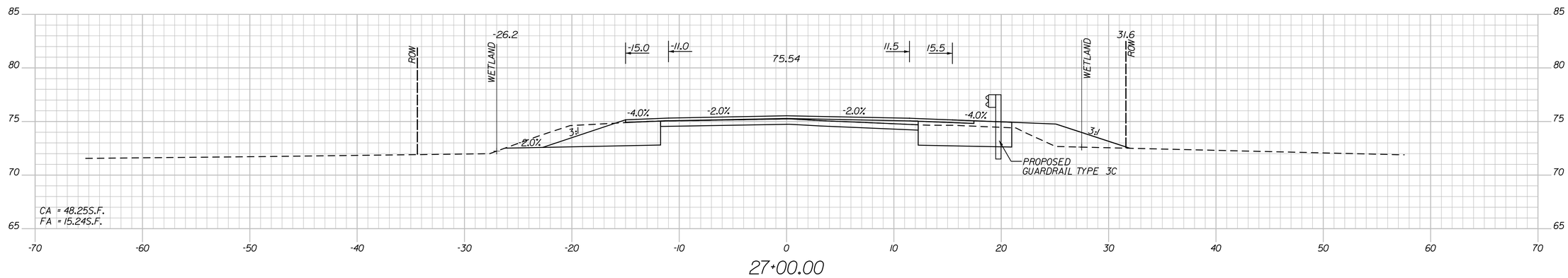
SHEET NUMBER

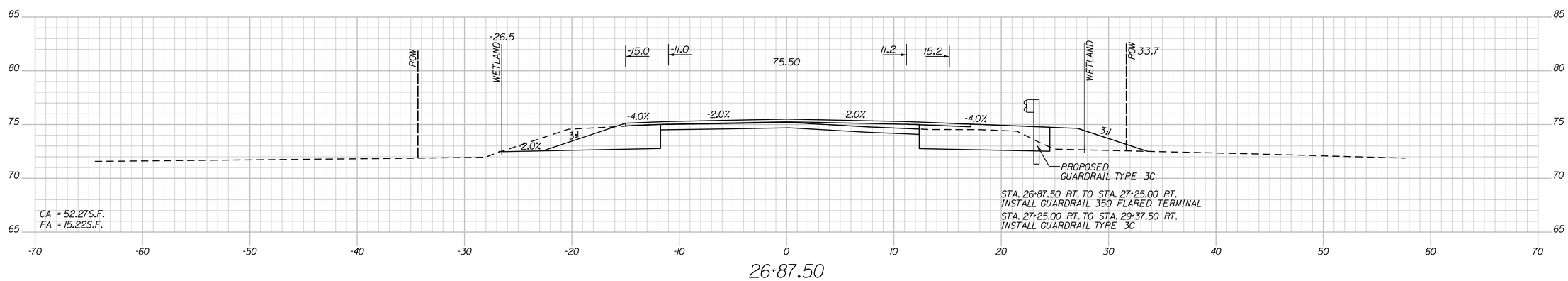
29

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	CAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

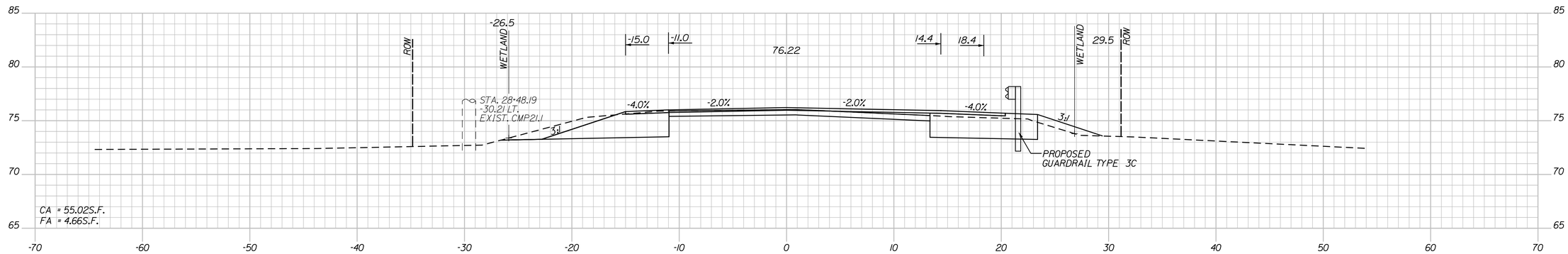
CROSS SECTION SHEET 9

SHEET NUMBER

30

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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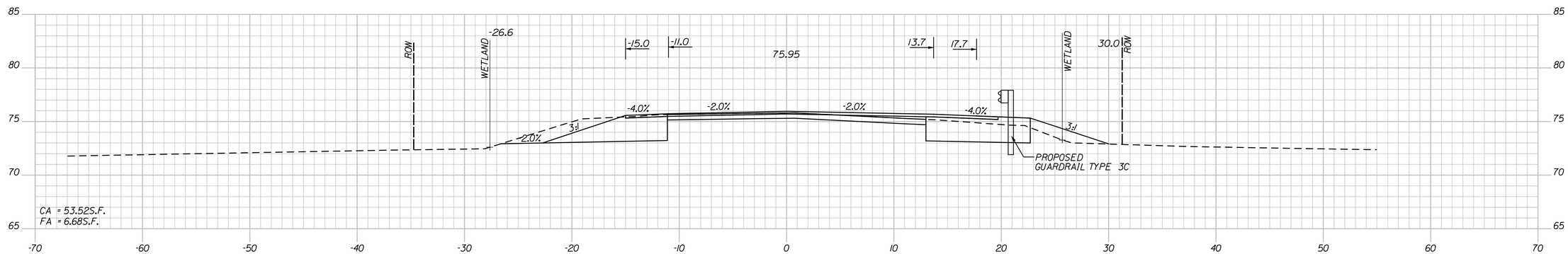

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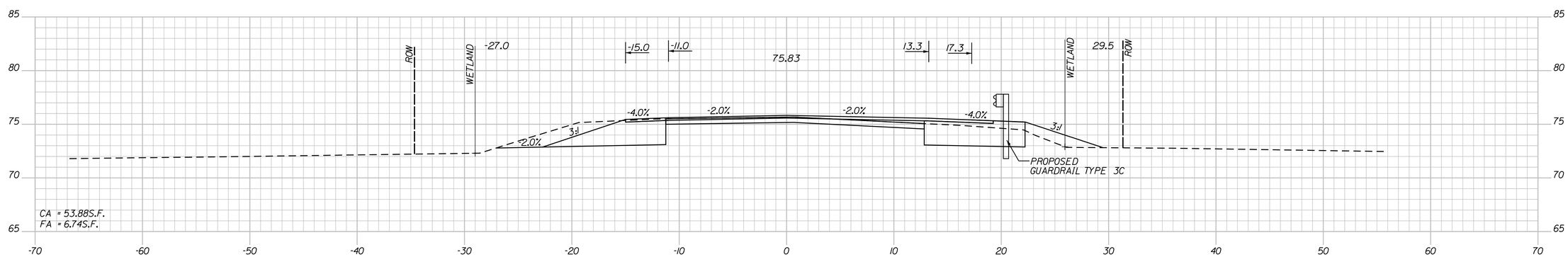


27+80.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			-----
DESIGN3-DETAILED3			-----
REVISIONS 1			-----
REVISIONS 2			-----
REVISIONS 3			-----
REVISIONS 4			-----
FIELD CHANGES			-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

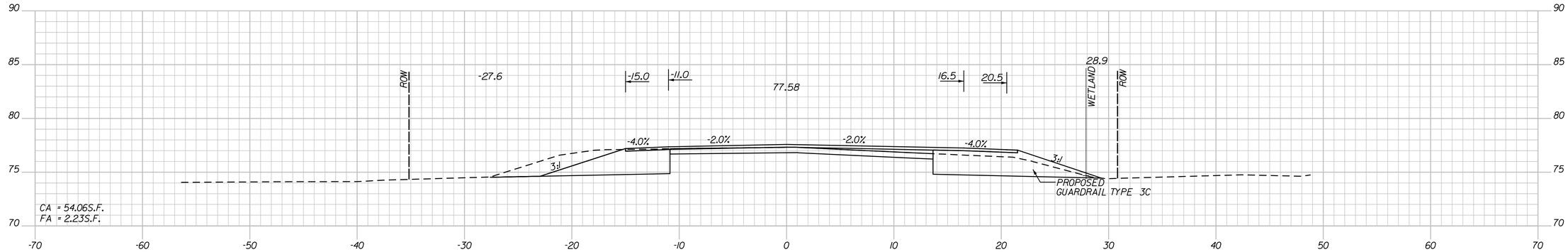
CROSS SECTION SHEET 10

SHEET NUMBER

31

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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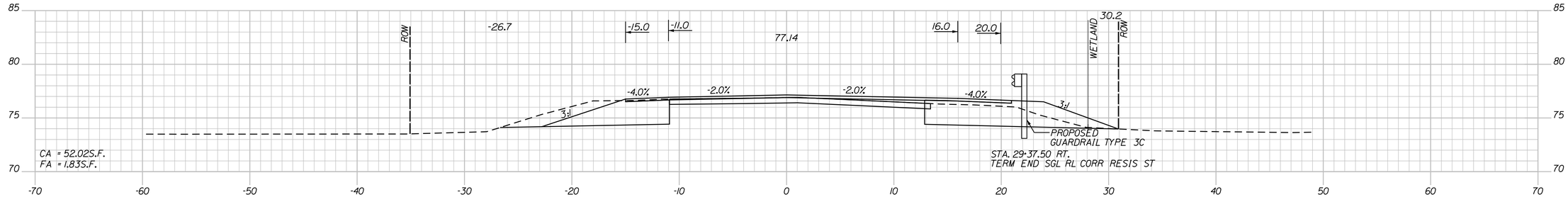

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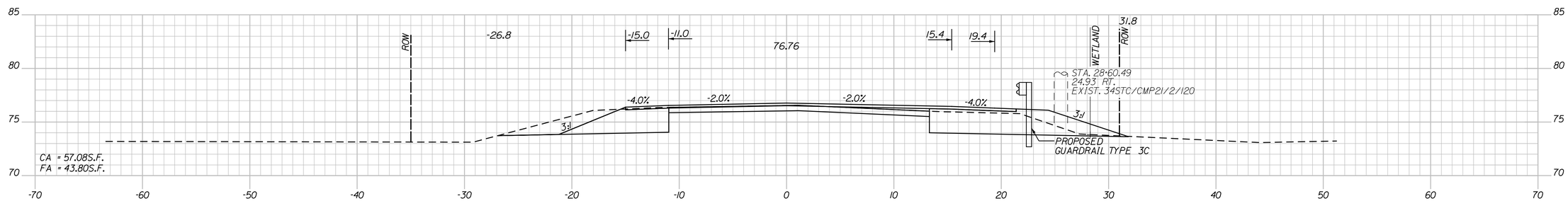

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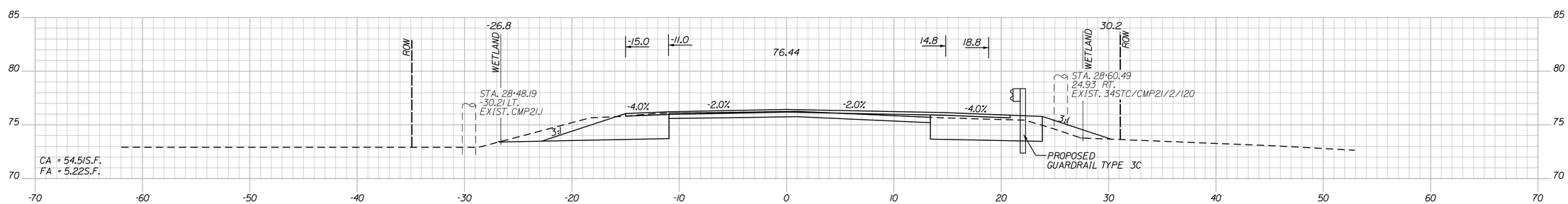


28+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	-----		
DESIGN3-DETAILED3	-----		
REVISIONS 1	-----		-----
REVISIONS 2	-----		-----
REVISIONS 3	-----		-----
REVISIONS 4	-----		-----
FIELD CHANGES	-----		-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

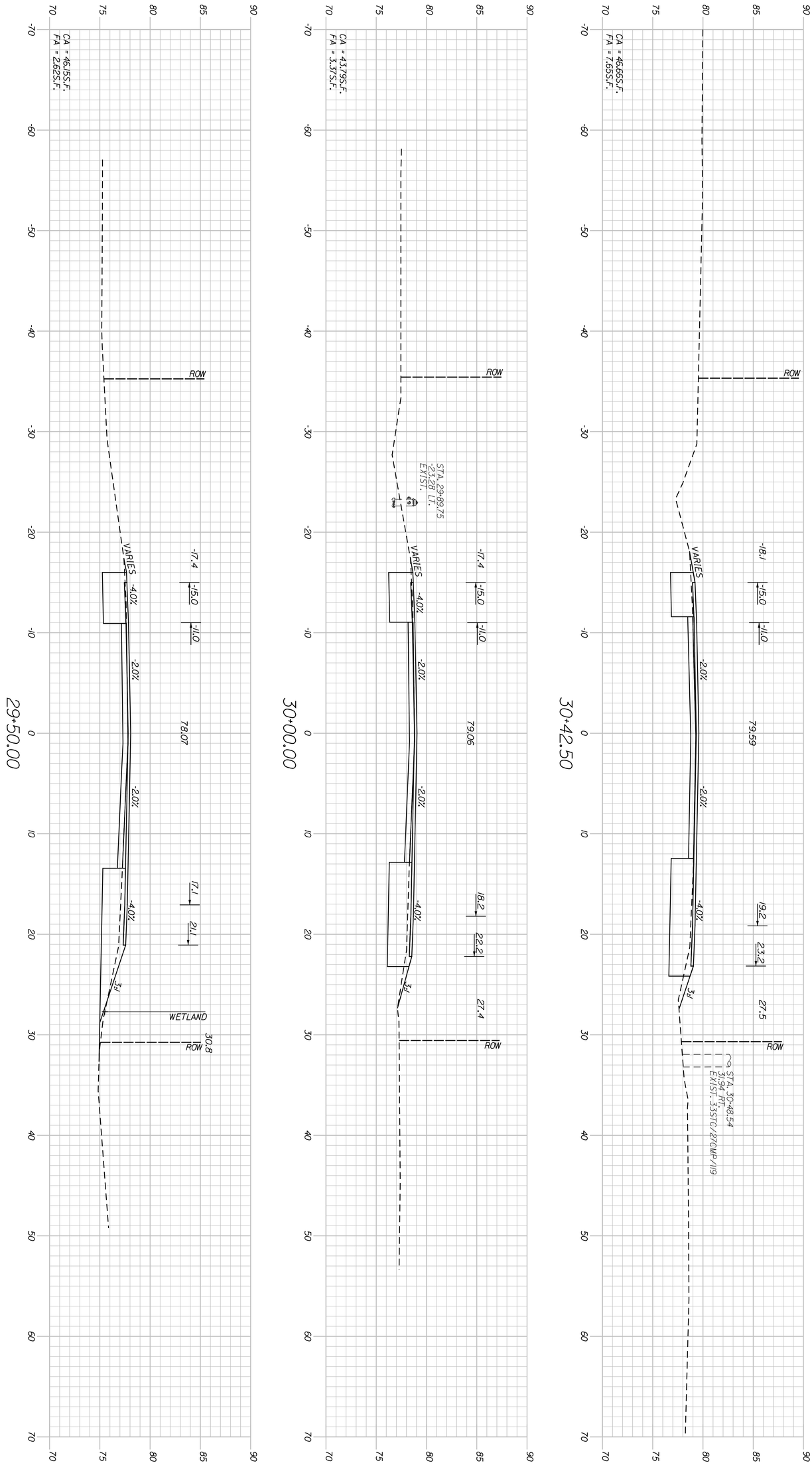
CROSS SECTION SHEET 11

SHEET NUMBER

32

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 12

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	------
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

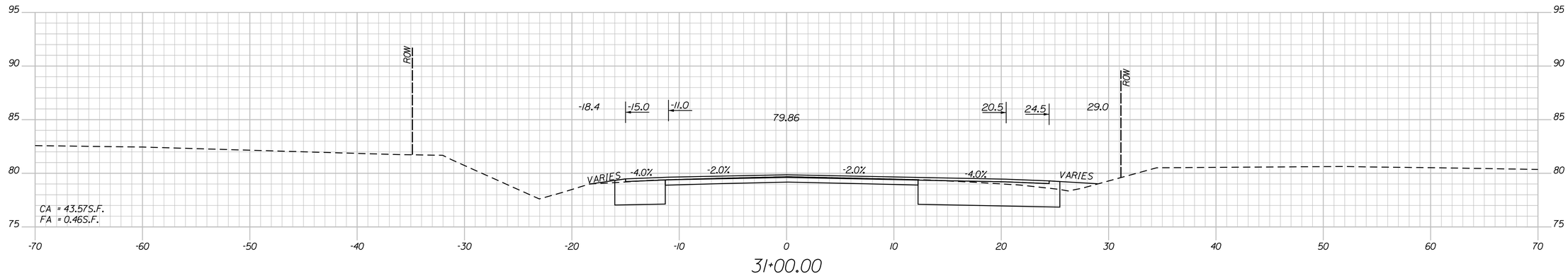
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS



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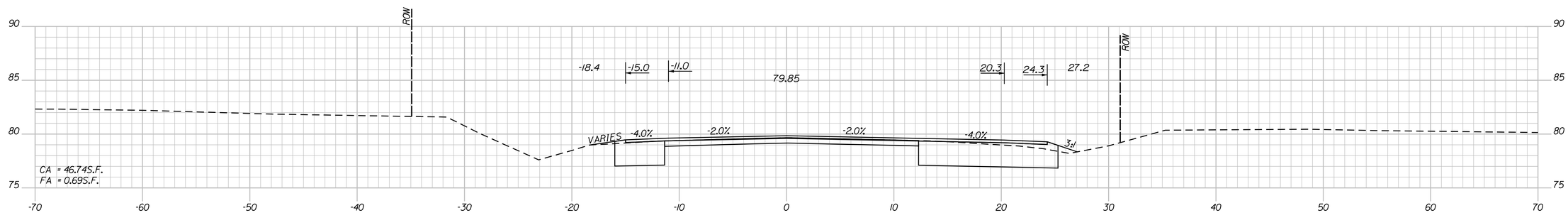

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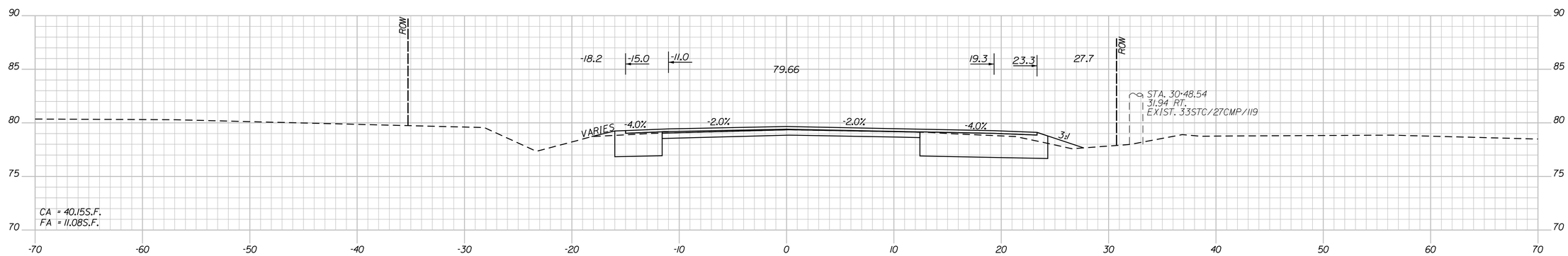


30+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	CAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

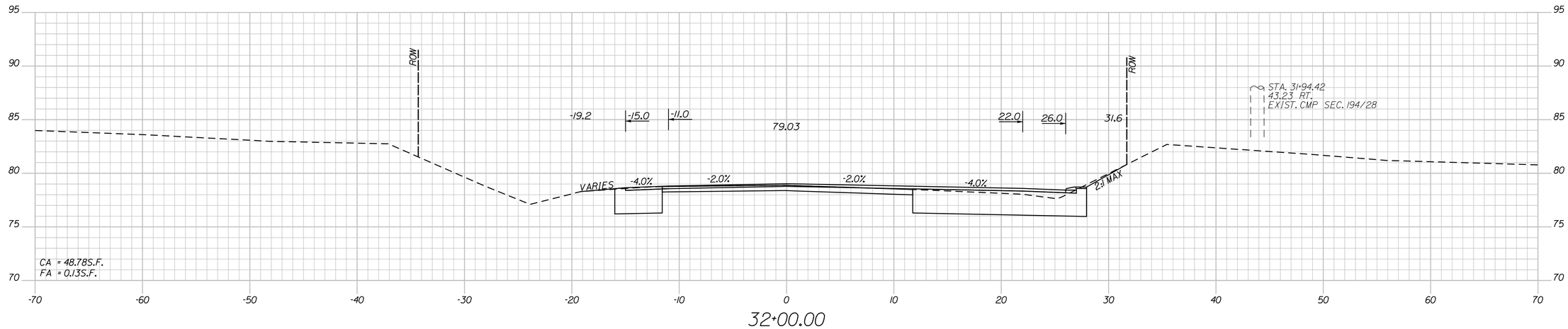
CROSS SECTION SHEET 13

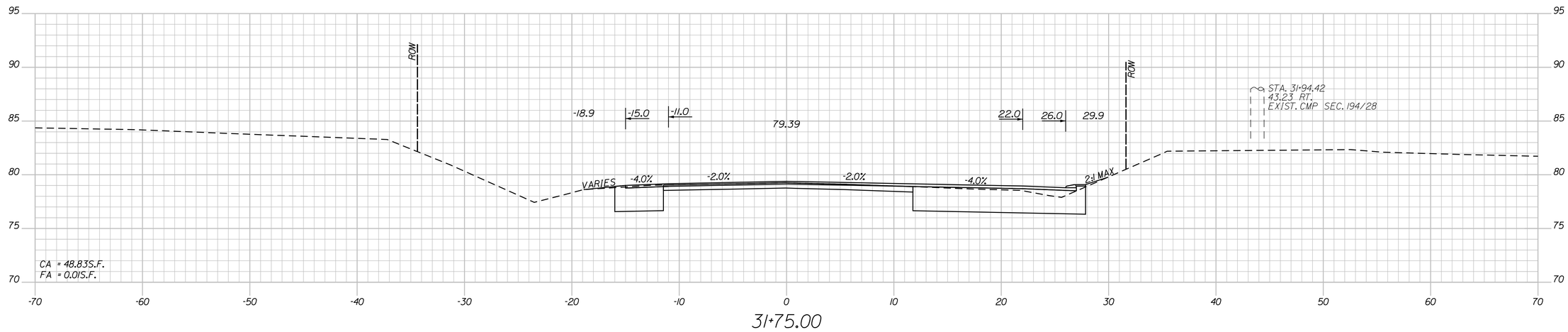
SHEET NUMBER

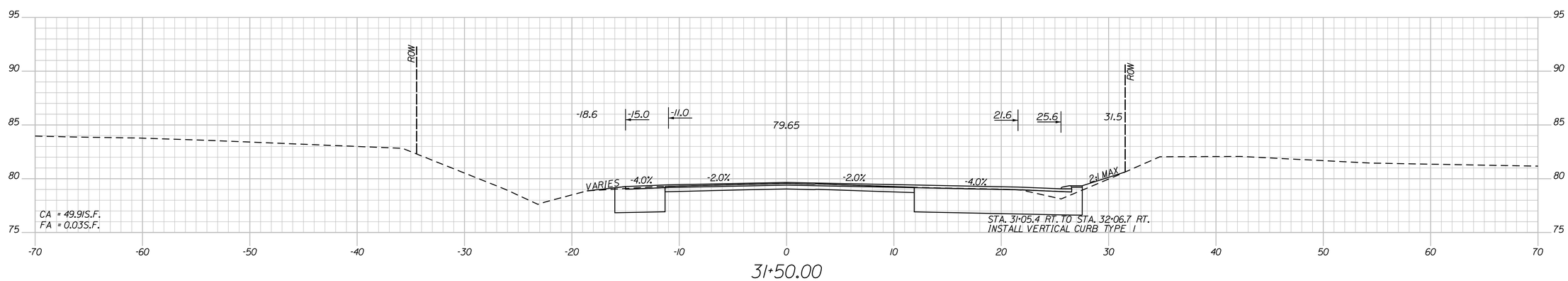
34

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			SIGNATURE
DESIGN3-DETAILED3			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

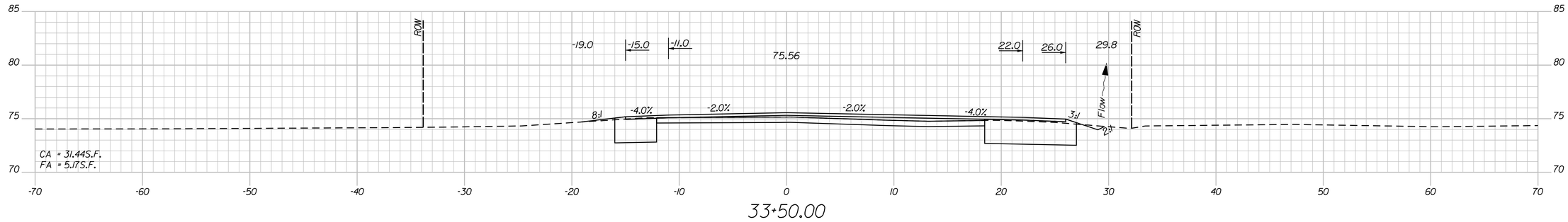
CROSS SECTION SHEET 14

SHEET NUMBER

35

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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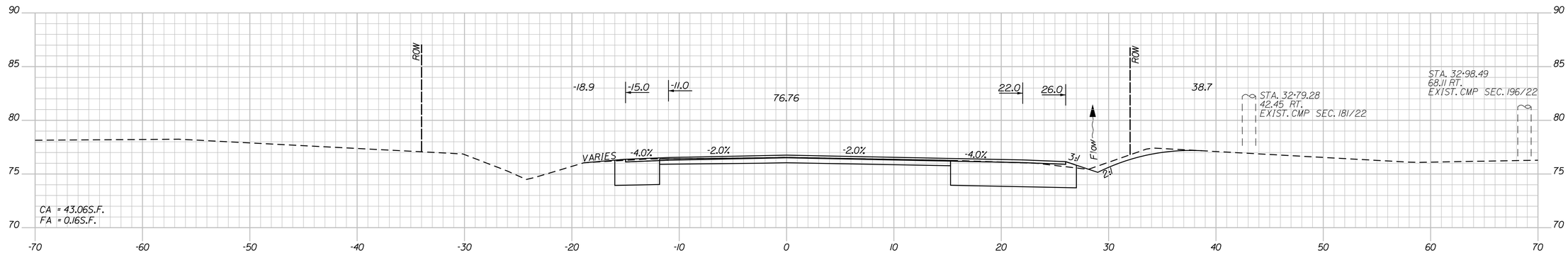

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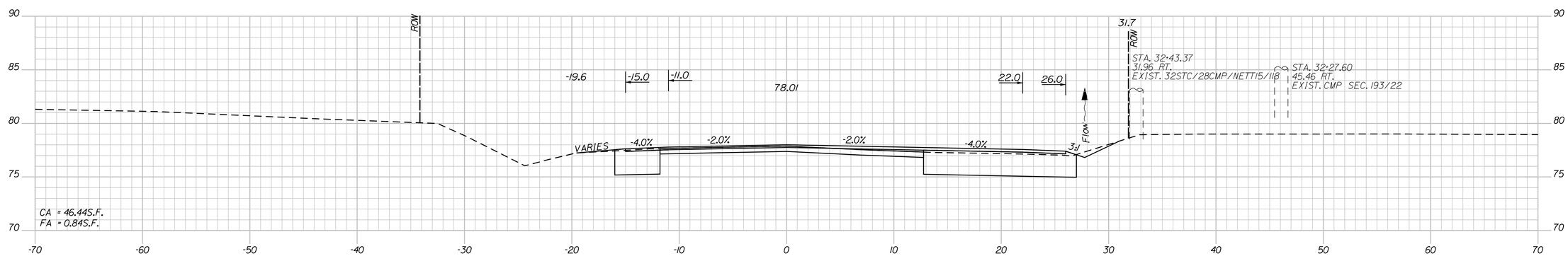


32+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	CAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

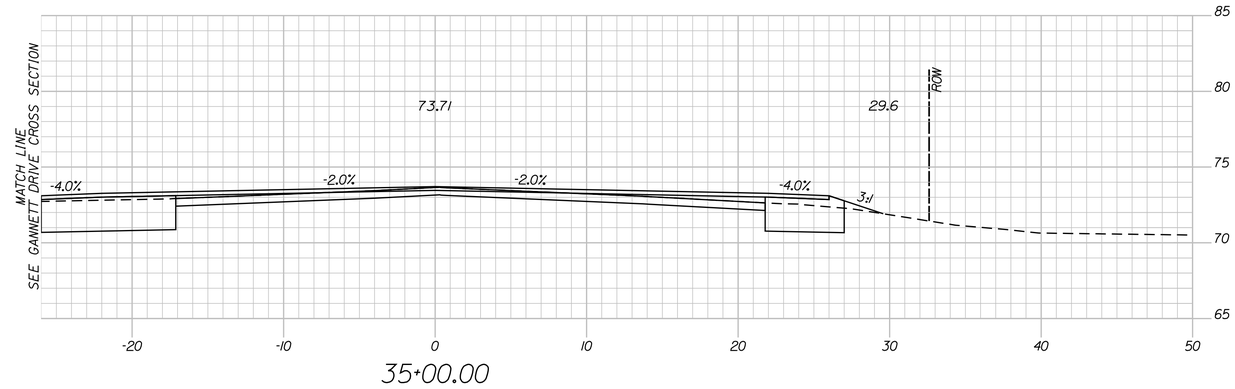
CROSS SECTION SHEET 15

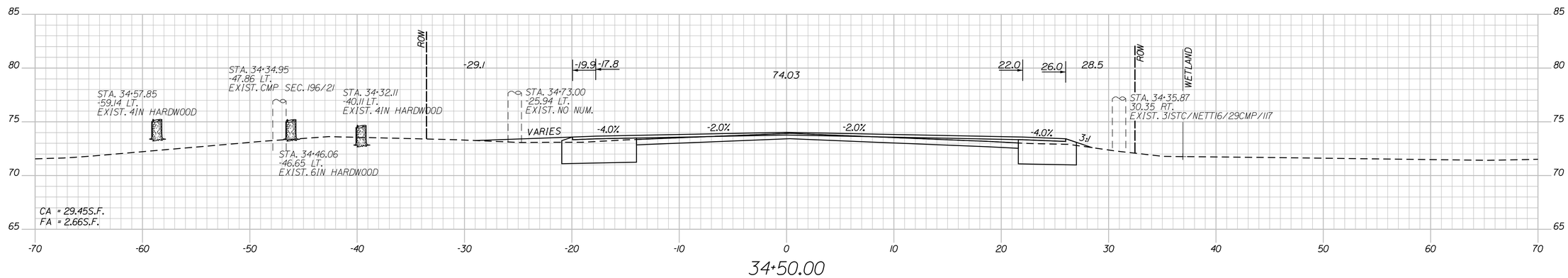
SHEET NUMBER

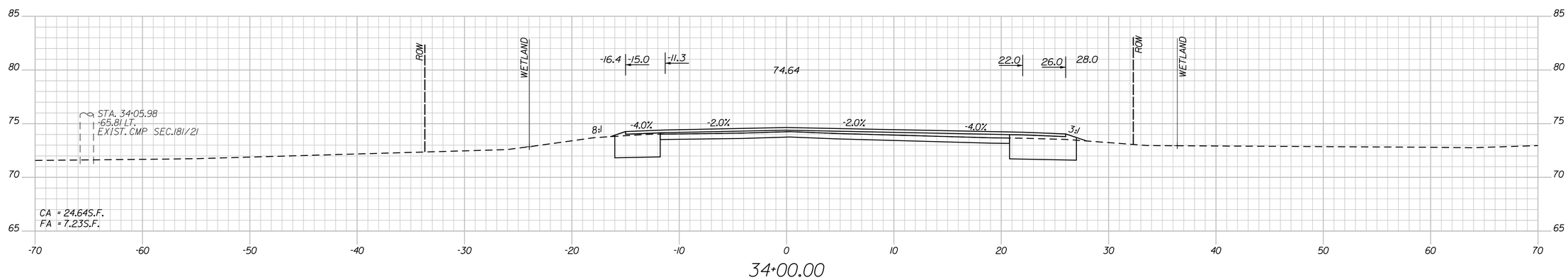
36

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			-----
DESIGN3-DETAILED3			-----
REVISIONS 1			-----
REVISIONS 2			-----
REVISIONS 3			-----
REVISIONS 4			-----
FIELD CHANGES			-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

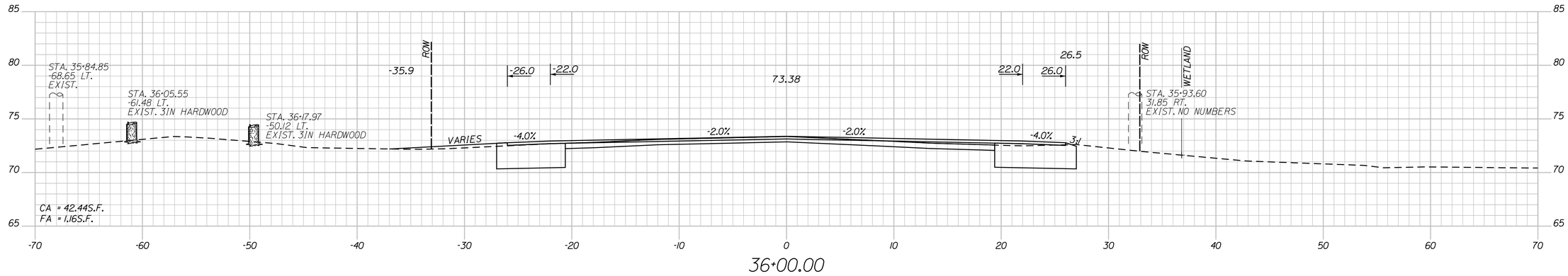
CROSS SECTION SHEET 16

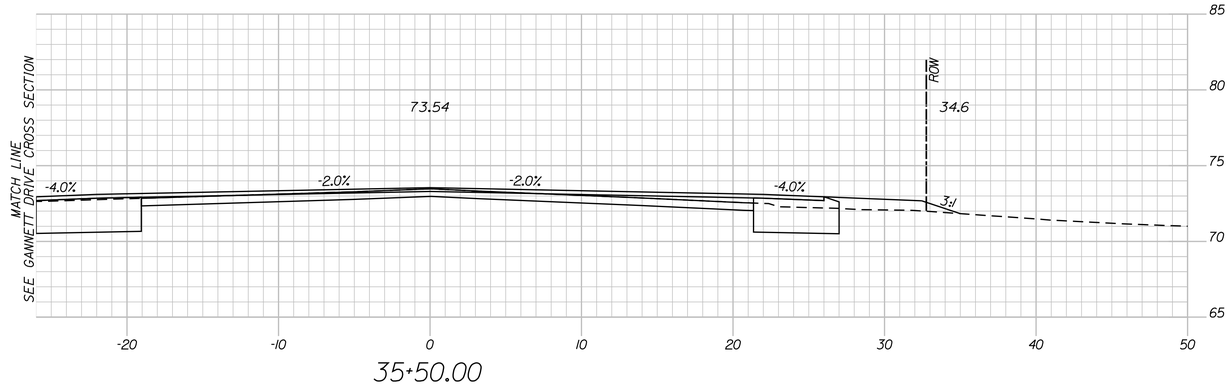
SHEET NUMBER

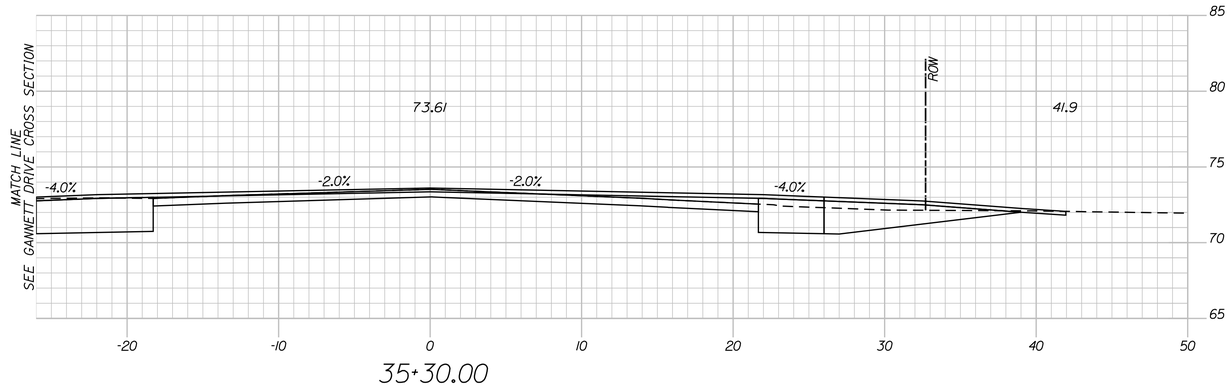
37

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			SIGNATURE
DESIGN3-DETAILED3			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

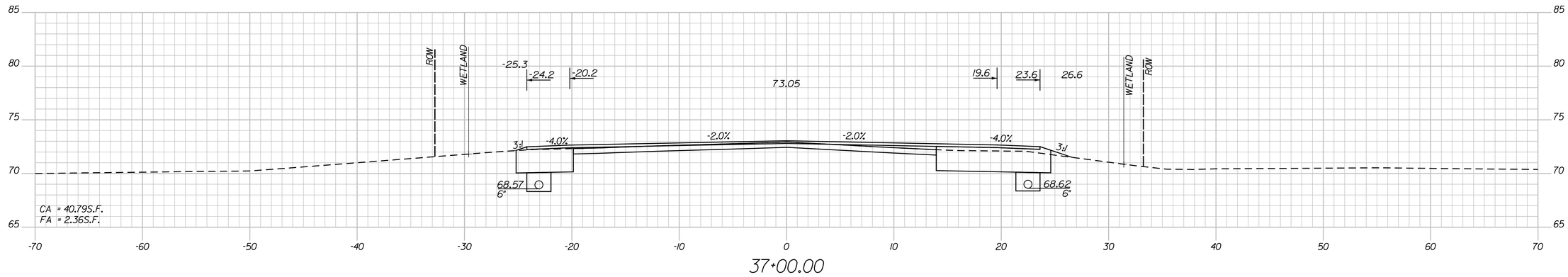
CROSS SECTION SHEET 17

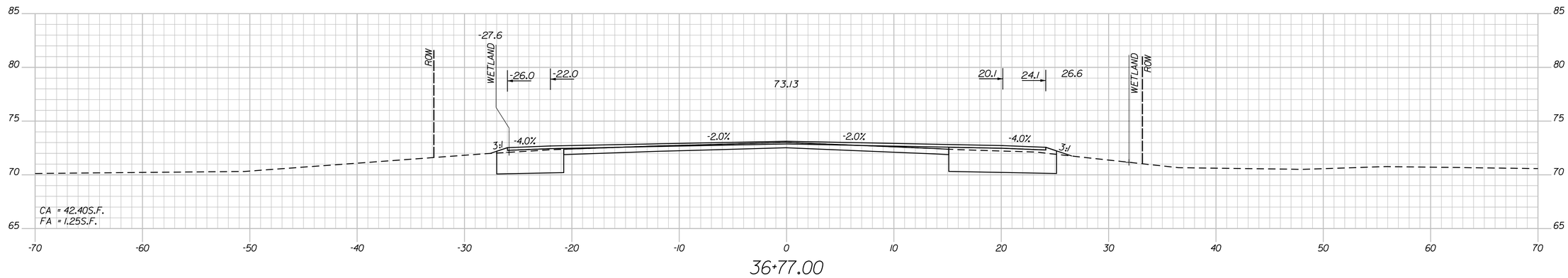
SHEET NUMBER

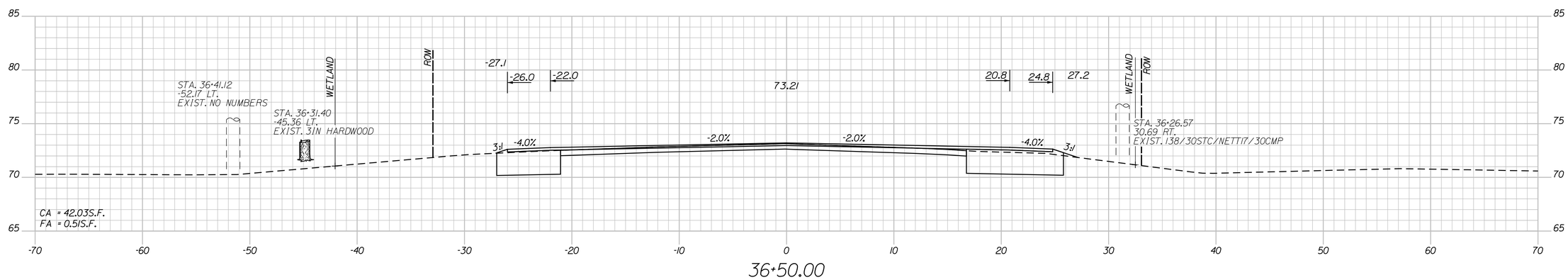
38

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			SIGNATURE
DESIGN3-DETAILED3			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

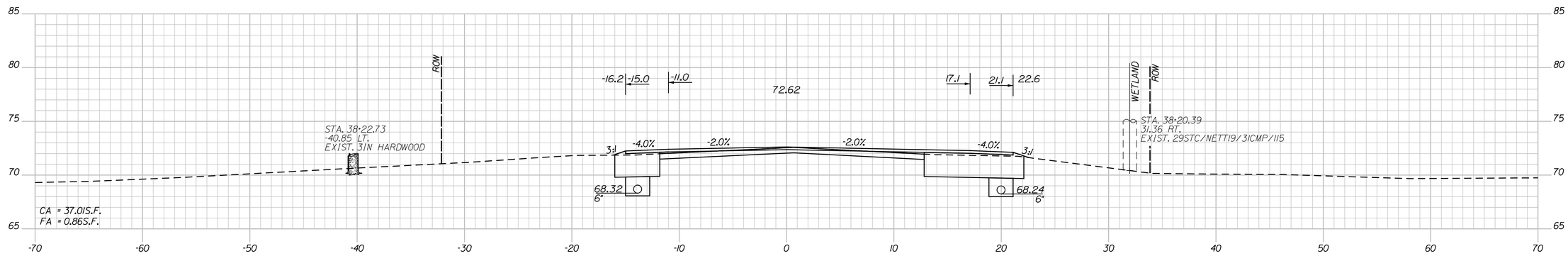
CROSS SECTION SHEET 18

SHEET NUMBER

39

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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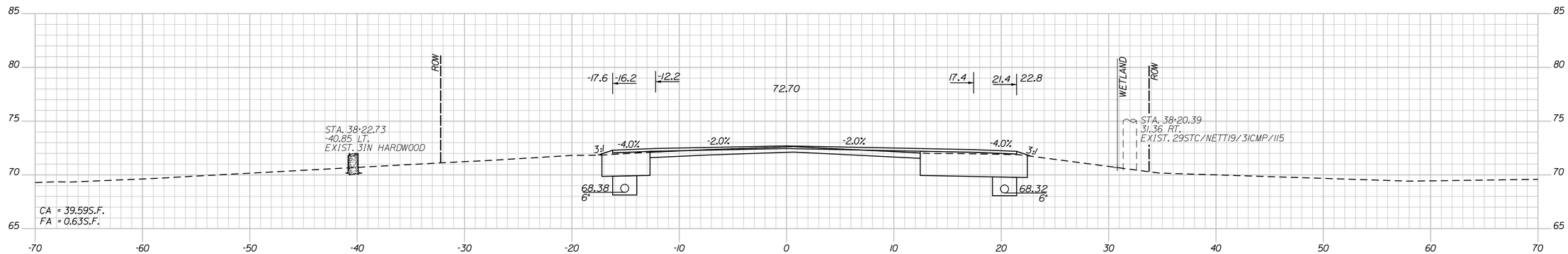

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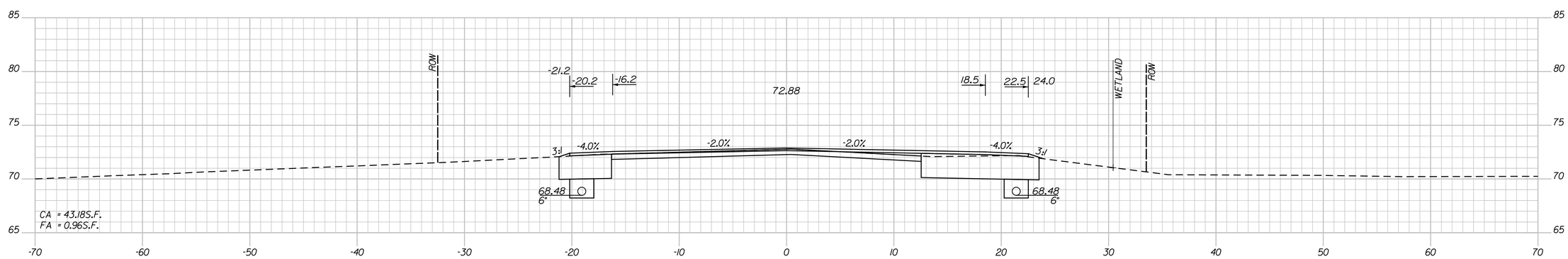


37+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER ERNEST MARTIN		
DESIGN-DETAILED TPL	PZA	
CHECKED-REVIEWED CAS	GAE	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

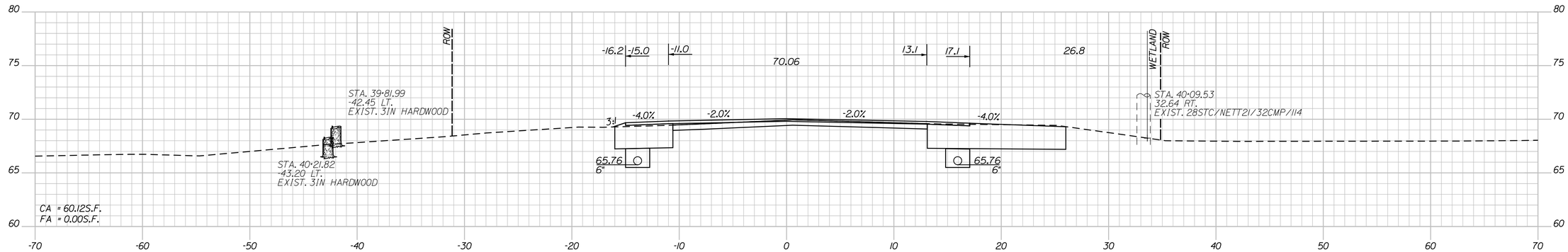
CROSS SECTION SHEET 19

SHEET NUMBER

40

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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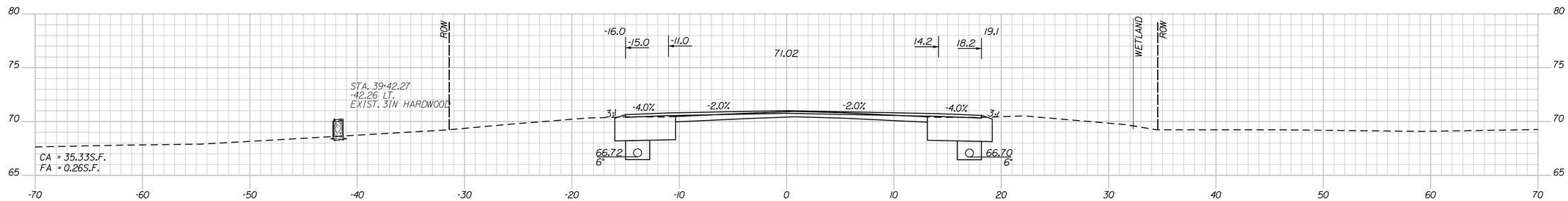

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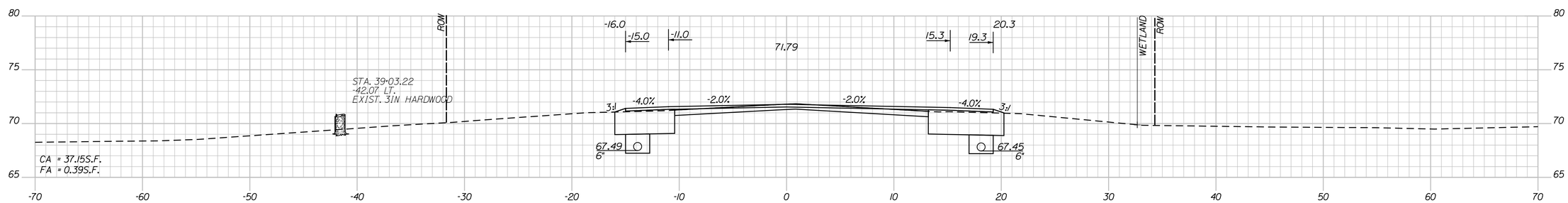

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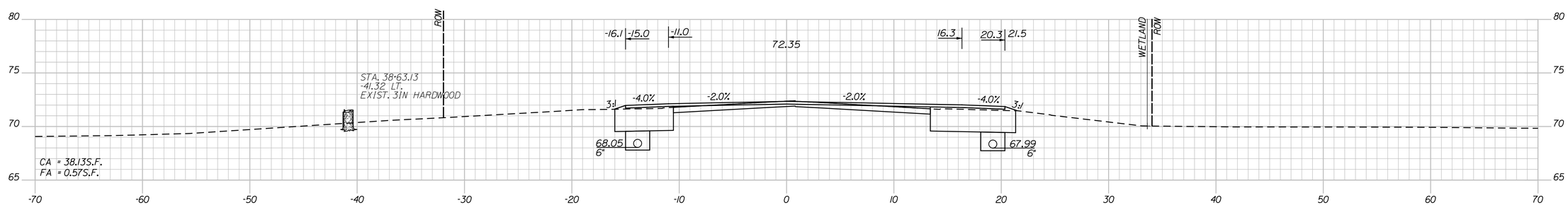


38+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	-----		-----
REVISIONS 2	-----		-----
REVISIONS 3	-----		-----
REVISIONS 4	-----		-----
FIELD CHANGES	-----		-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

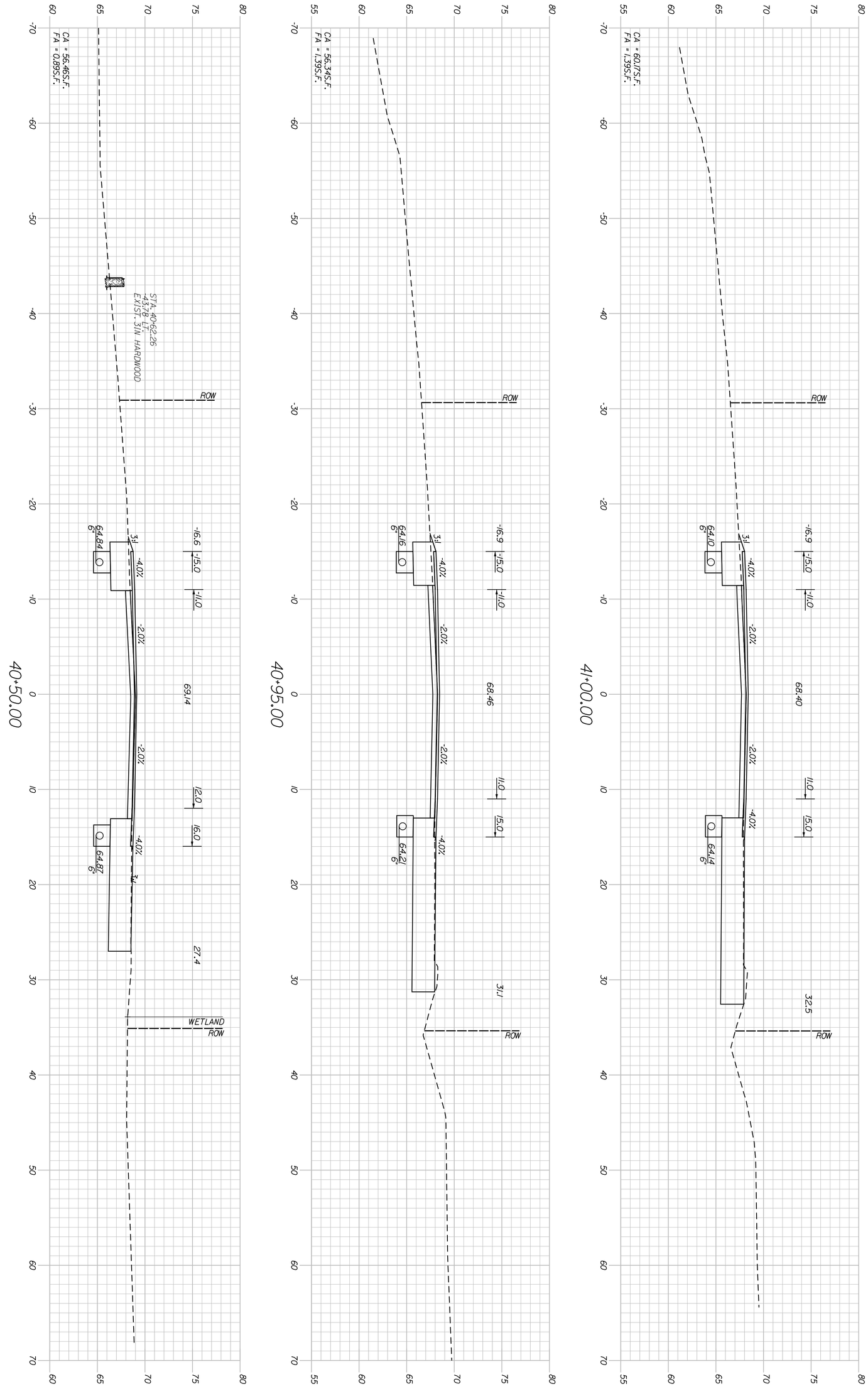
CROSS SECTION SHEET 20

SHEET NUMBER

41

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 21

PROJ. MANAGER ERNEST MARTIN		BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	------
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

DATE

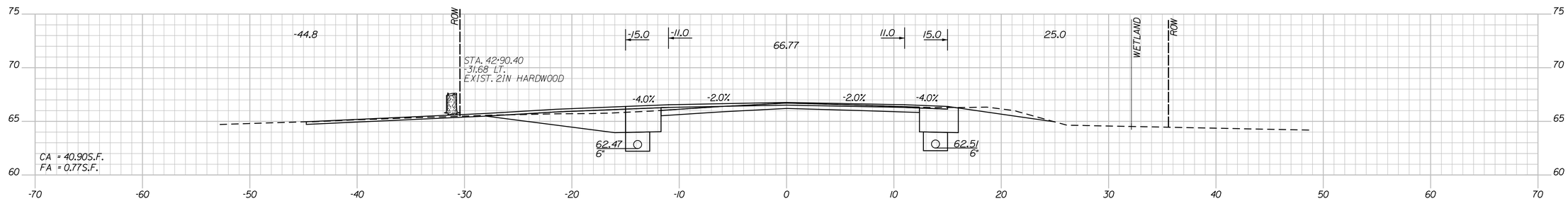
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

SHEET NUMBER 42 OF 56



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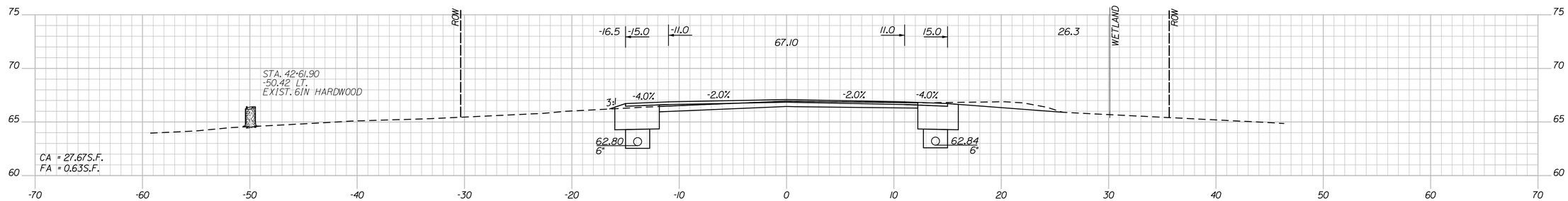

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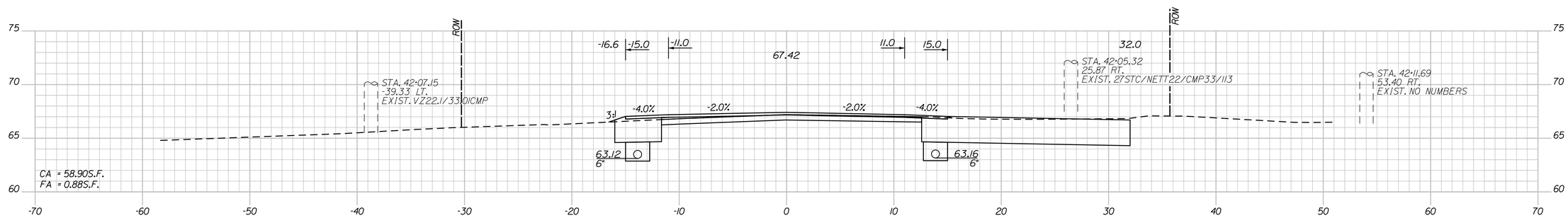

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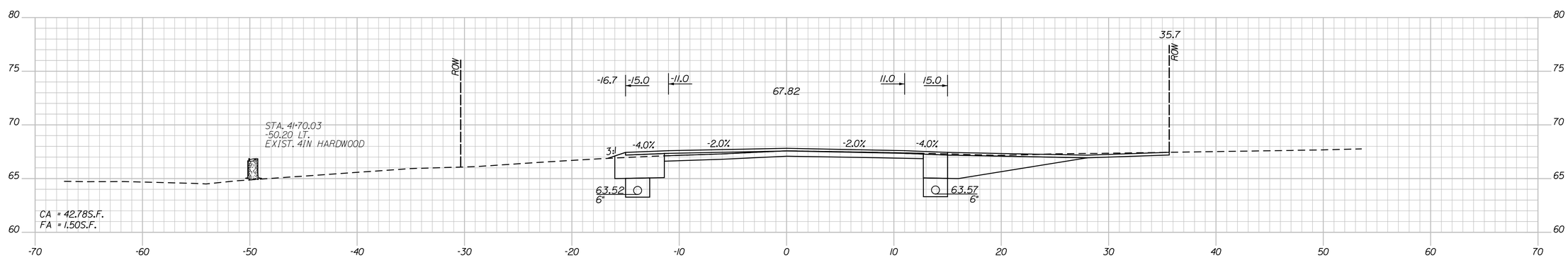


41+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

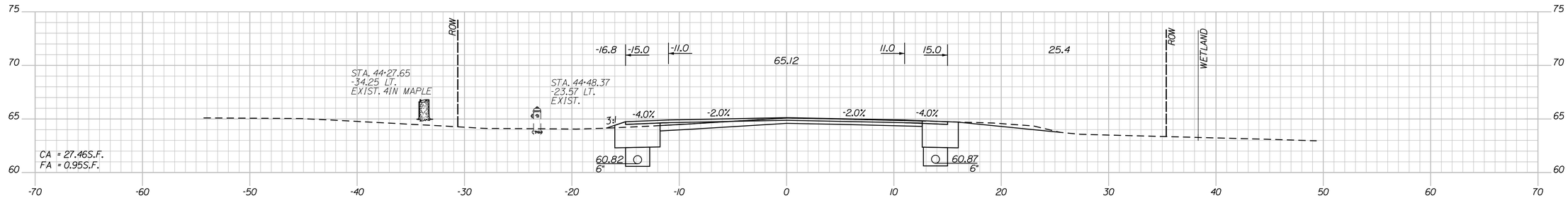
CROSS SECTION SHEET 22

SHEET NUMBER

43

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



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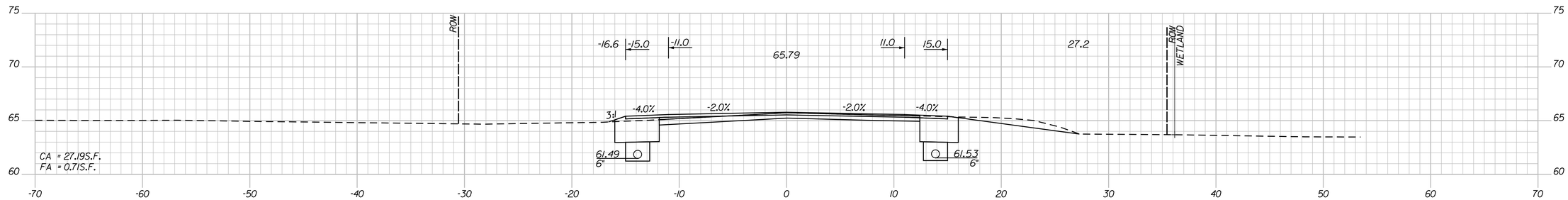

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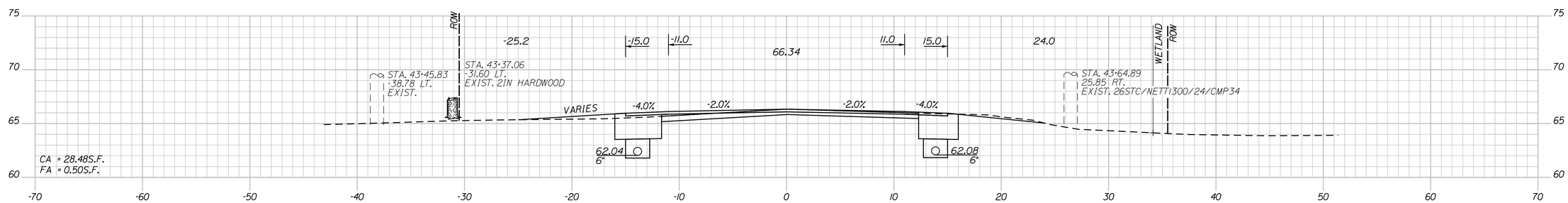

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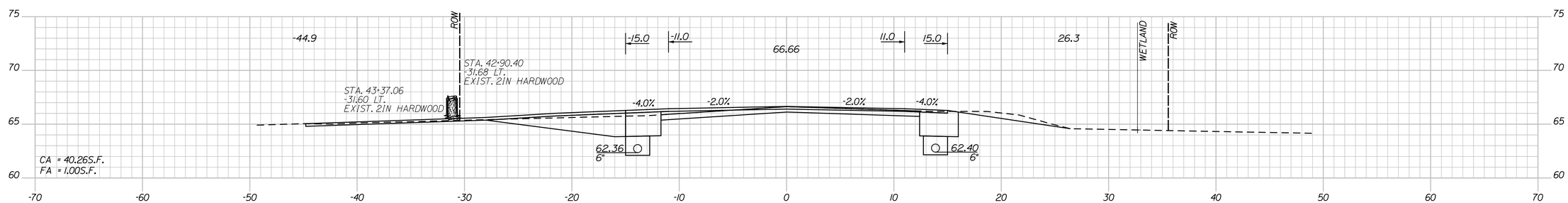


43+14.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN		
DESIGN-DETAILED	TPL	PZA	
CHECKED-REVIEWED	GAS	GAE	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE
SIGNATURE
P.E. NUMBER
DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

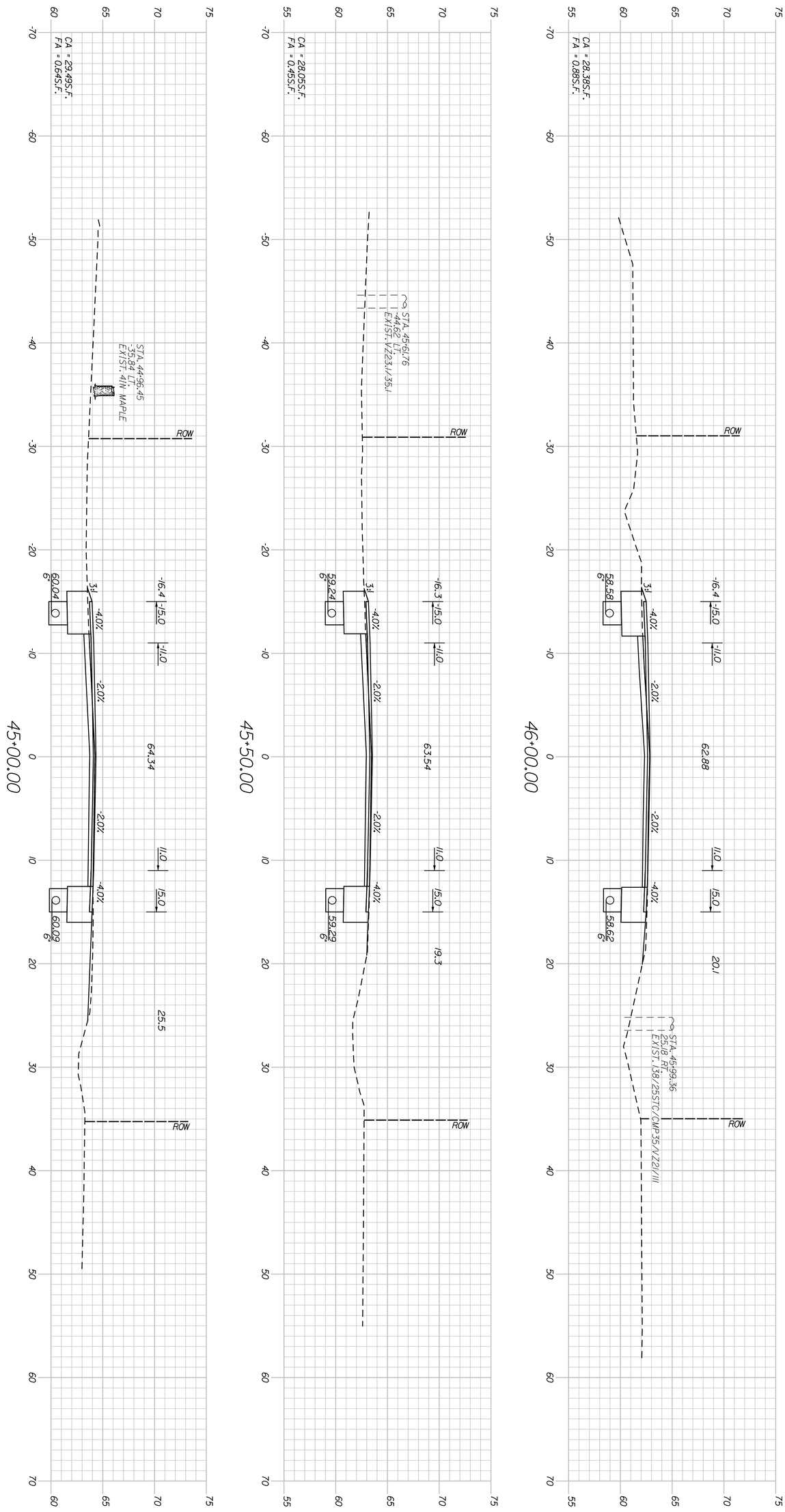
CROSS SECTION SHEET 23

SHEET NUMBER

44

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 24

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	------
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

DATE

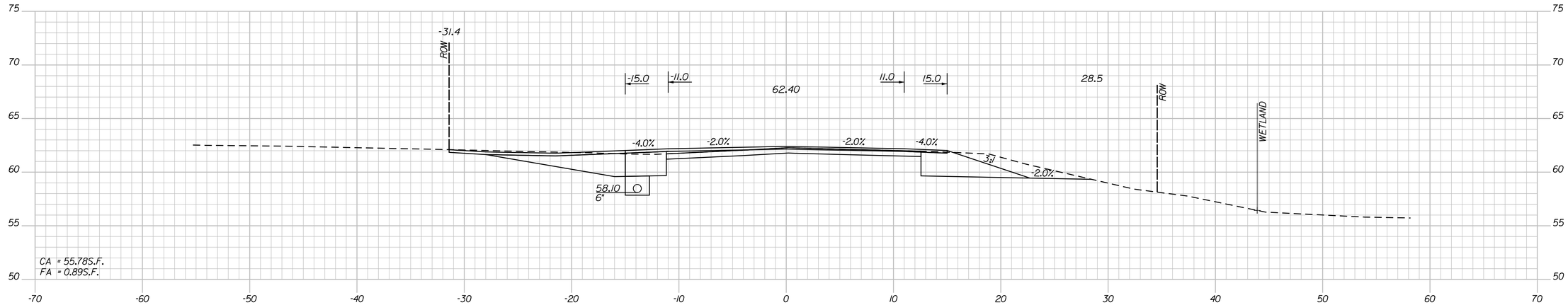
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

SHEET NUMBER 45 OF 56



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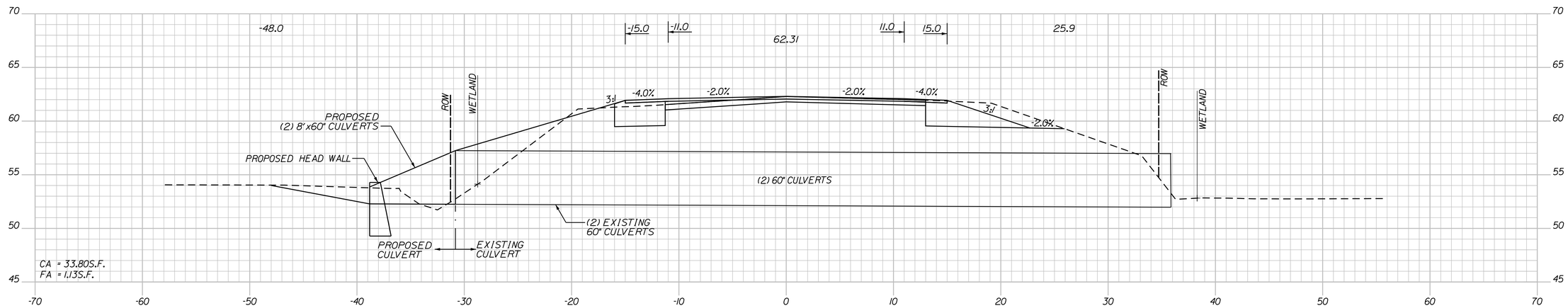

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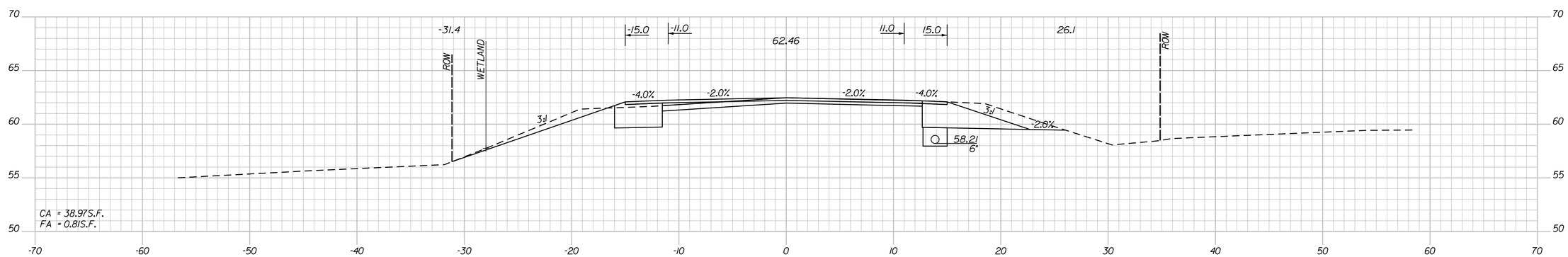


46+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

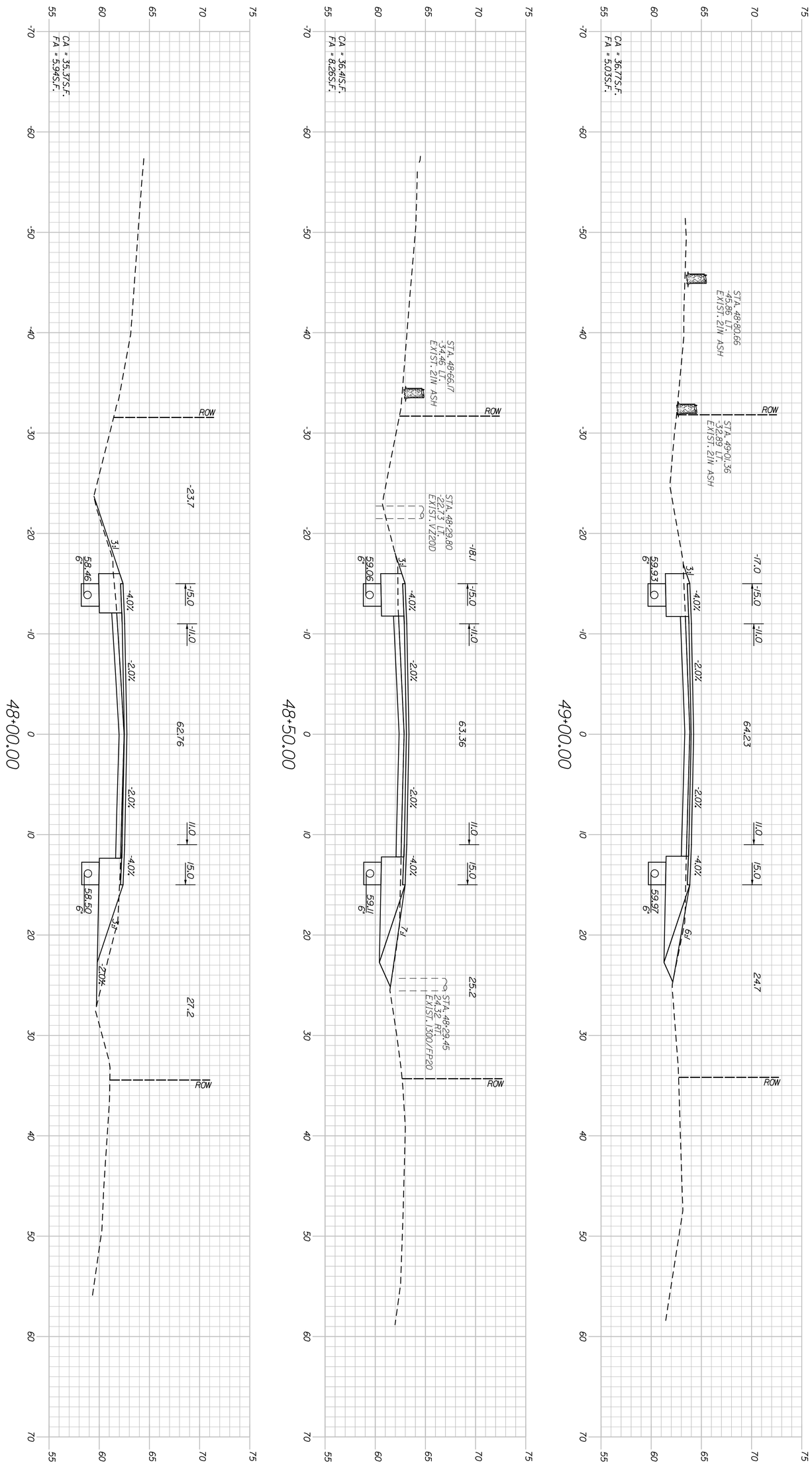
CROSS SECTION SHEET 25

SHEET NUMBER

46

OF 56

Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 26

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	------
DESIGN2-DETAILED2			------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

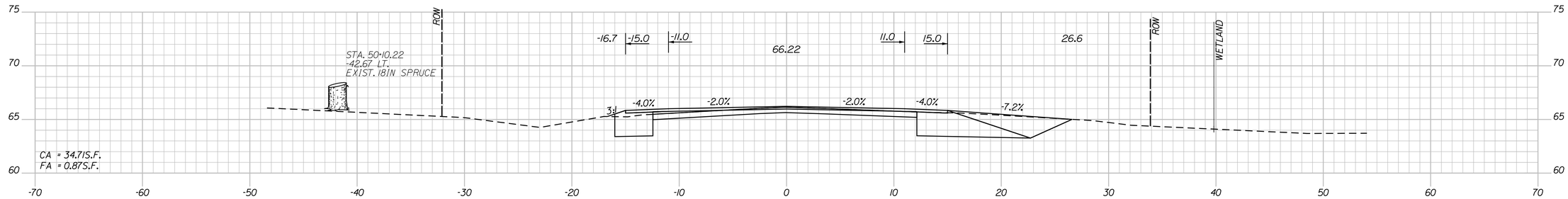
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS



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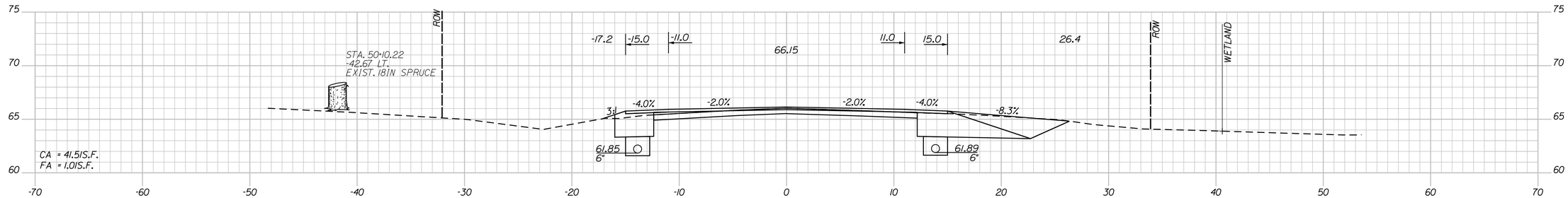

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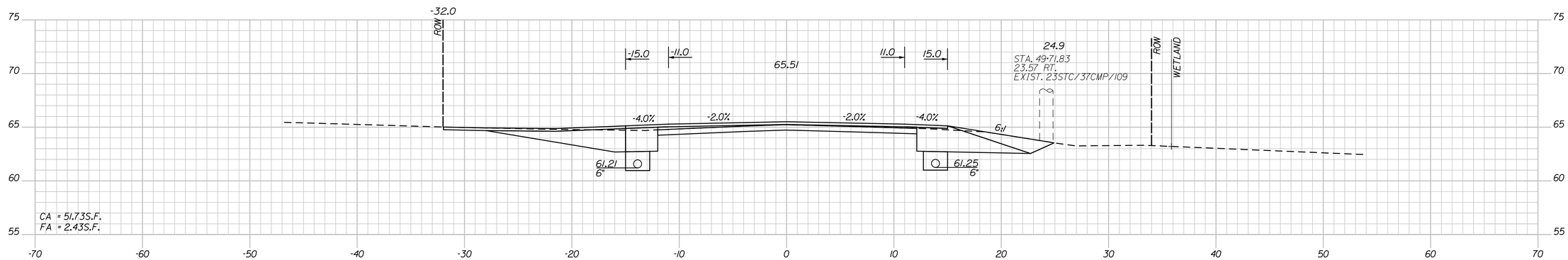

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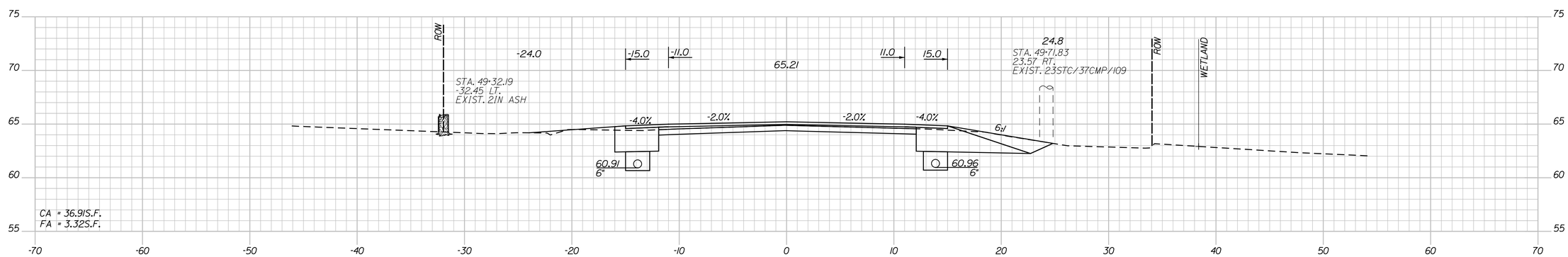

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Filename: ...\MSTA\022-050_Xsect_01-29.dgn Division: HIGHWAY Username: parmata Date:6/22/2012

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	-----
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

CUMMINGS ROAD

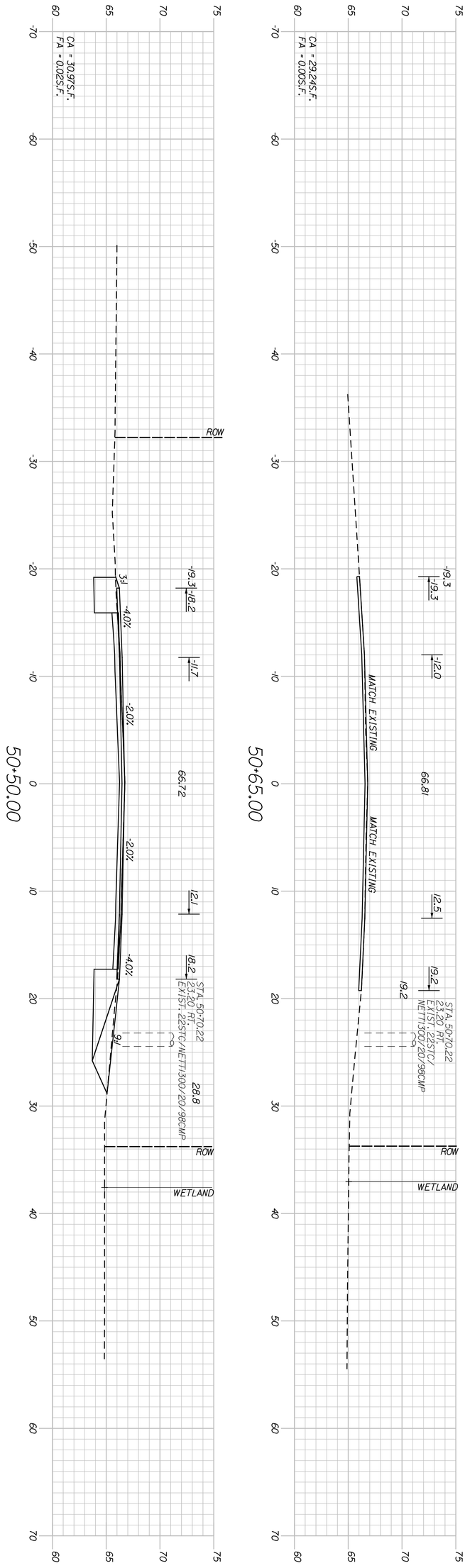
SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 27

SHEET NUMBER

48

OF 56



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

CROSS SECTION SHEET 28

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

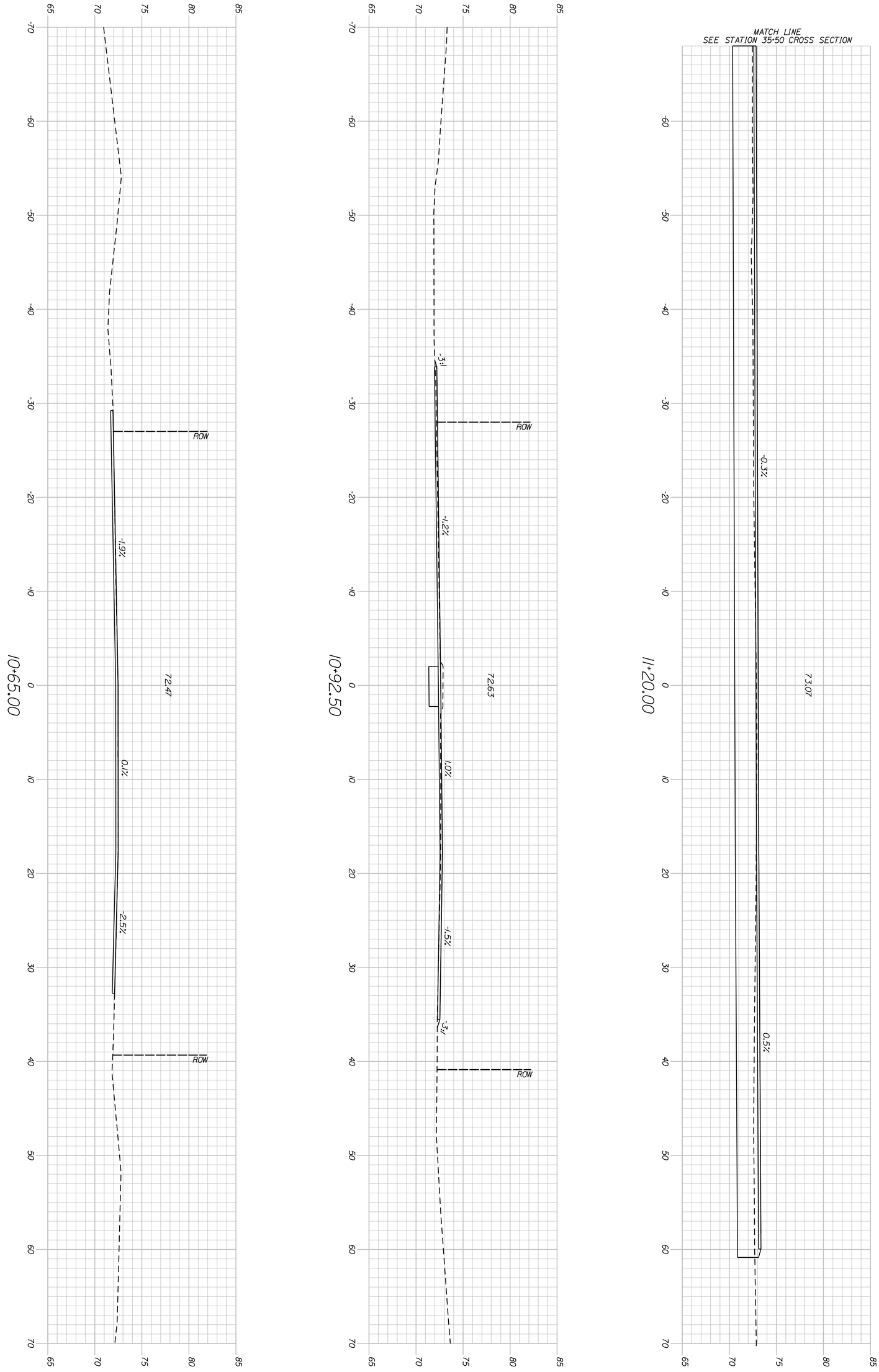
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS



CUMMINGS ROAD

SOUTH PORTLAND CUMBERLAND COUNTY

GANNETT DR. CROSS SECTION

PROJ. MANAGER	ERNEST MARTIN	BY	DATE
DESIGN-DETAILED	TPL	PZA	------
CHECKED-REVIEWED	GAS	GAE	-----
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	------		------
REVISIONS 2	------		------
REVISIONS 3	------		------
REVISIONS 4	------		------
FIELD CHANGES	------		------

SIGNATURE

P.E. NUMBER

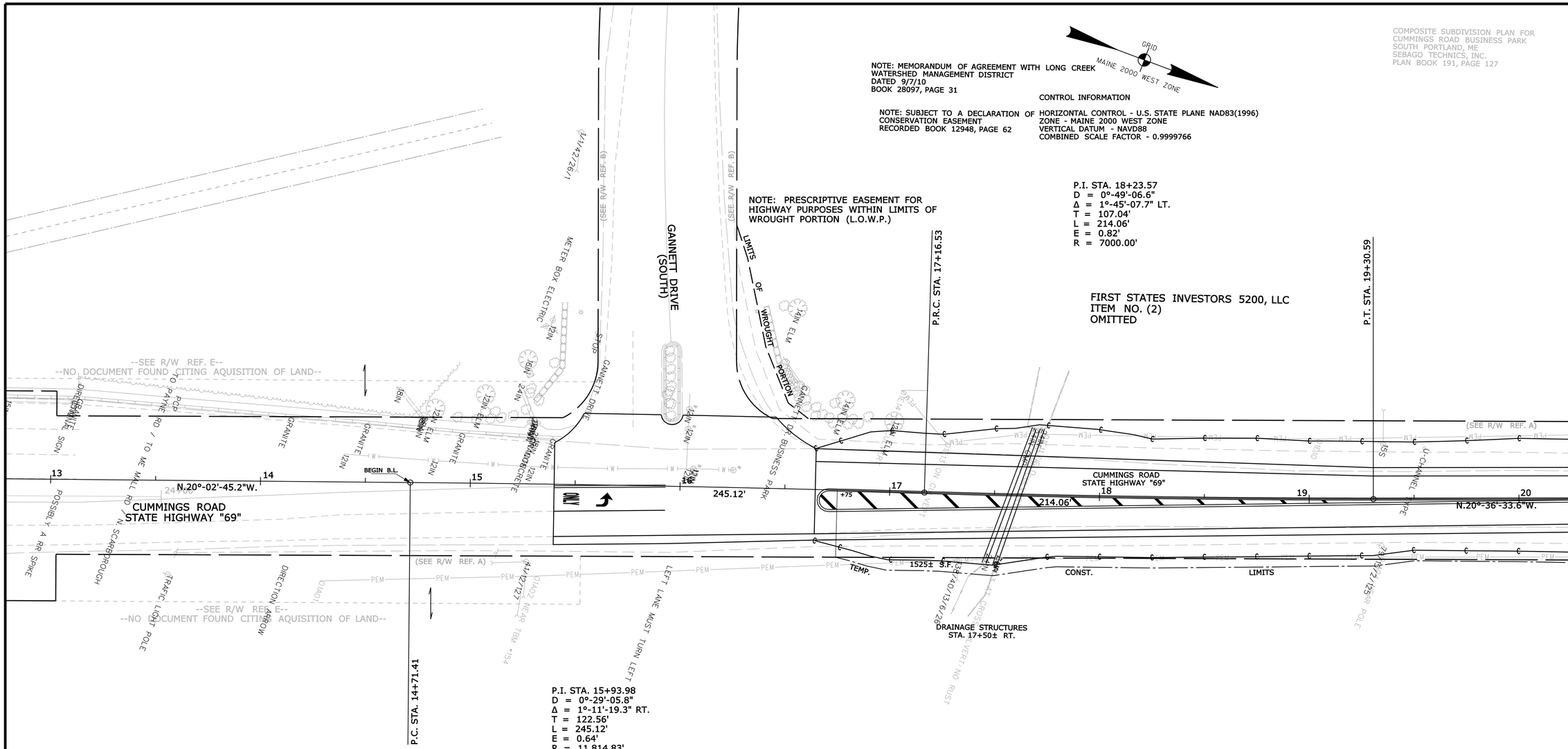
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-19091(100)X

WIN WIN 19091.00

HIGHWAY PLANS



EXISTING RIGHT OF WAY REFERENCES

A) CUMBERLAND COUNTY COMMISSIONERS RECORDS
VOLUME 16, PAGE 709
JANUARY 1894 4 RODS WIDE (66')

B) GANNETT DRIVE
CITY OF SOUTH PORTLAND - PAGE 438A, 438B
DATE ACCEPTED: OCT. 7, 1991
66' WIDE

C) STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
D.O.T. FILE NO. 3-351 JULY 1987

D) PLAN OF A PORTION OF SPRING ST.
CITY OF WESTBROOK, MAINE
H.I. & E.C. JORDAN SURVEYORS
DECEMBER 16, 1966

E) RUNNING HILL ROAD / CUMMINGS ROAD
PREPARED FOR PACKARD DEVELOPMENT
NEWTON, MASSACHUSETTS
JOB NO. 2578

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

WEIGHT WATCHERS OF MAINE, INC.
ITEM NO. (1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 2740± S.F.(2)
TOTAL AREA = 11.5± AC.(CITY)

SYMBOLS
IP or IPF (IRON PIPE or PIN FOUND)
ST. (SEPTIC TANK)
(ROW MONUMENT)
BM (TRAVERSE POINT)
WELL (WELL)
GRADING LIMIT LINE
CONSTRUCTION LIMIT LINE
PROPERTY LINE
LIMITS OF "WROUGHT" RIGHT OF WAY (L.O.W.P.)
EXISTING RIGHT OF WAY
NEW RIGHT OF WAY
NEW ROW WITHIN EXIST. ROW
CONTROL OF ACCESS
WATER LINE
GAS LINE
ELECTRIC LINE
TELEPHONE LINE
SEWER LINE

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

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

WIN 019091.00

REVISIONS

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

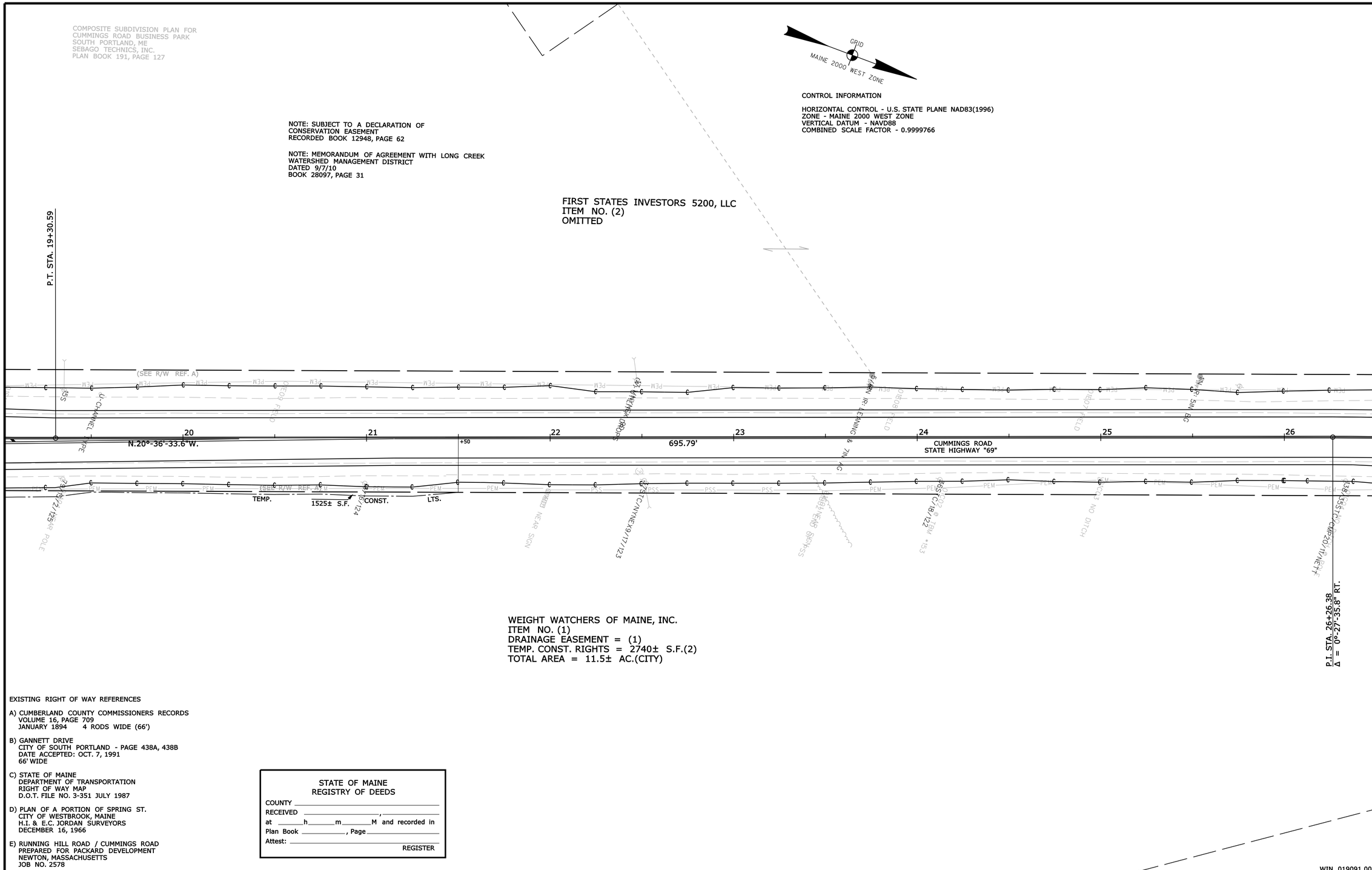
STATE OF MAINE
CHRISTOPHER W. KNIGHT 2257
PROFESSIONAL LAND SURVEYOR

STATE HIGHWAY "69"
CUMMINGS ROAD
SOUTH PORTLAND CUMBERLAND COUNTY
FEDERAL AID PROJECT NO. STP-1909(100)X

MAY 2012 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 3-578
SCALE 1" = 25' | SHEET 1 OF 6

SHEET NUMBER
51
OF 56

Filename: ...\00\ROW\MSTA\201_RWPLAN1.dgn Division: ROW Username: terry.blair Date:6/21/2012



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A) CUMBERLAND COUNTY COMMISSIONERS RECORDS
VOLUME 16, PAGE 709
JANUARY 1894 4 RODS WIDE (66')

B) GANNETT DRIVE
CITY OF SOUTH PORTLAND - PAGE 438A, 438B
DATE ACCEPTED: OCT. 7, 1991
66' WIDE

C) STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
D.O.T. FILE NO. 3-351 JULY 1987

D) PLAN OF A PORTION OF SPRING ST.
CITY OF WESTBROOK, MAINE
H.I. & E.C. JORDAN SURVEYORS
DECEMBER 16, 1966

E) RUNNING HILL ROAD / CUMMINGS ROAD
PREPARED FOR PACKARD DEVELOPMENT
NEWTON, MASSACHUSETTS
JOB NO. 2578

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

WIN 019091.00

SYMBOLS

- IP or IPF (IRON PIPE or PIN FOUND)
- S.T. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WELL (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
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

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

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

REVISIONS			
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 OF MAINE
CHRISTOPHER W. KNIGHT
2257
PROFESSIONAL LAND SURVEYOR

STATE HIGHWAY "69"
CUMMINGS ROAD
SOUTH PORTLAND CUMBERLAND COUNTY
FEDERAL AID PROJECT NO. STP-1909(100)X

MAY 2012 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 3-578
SCALE 1" = 25' | SHEET 2 OF 6

SHEET NUMBER
52
OF 56

Filename: ...\00\row\msta\202_RWPLAN2.dgn Division: ROW Username: terry.blairsr Date:6/21/2012

COMPOSITE SUBDIVISION PLAN FOR
CUMMINGS ROAD BUSINESS PARK
SOUTH PORTLAND, ME
SEBAGO TECHNICS, INC.

GRID
MAINE 2000 WEST ZONE

CONTROL INFORMATION

HORIZONTAL CONTROL - U.S. STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999766

FIRST STATES INVESTORS 5200, LLC
ITEM NO. (2)
OMITTED

MTM MAINE PROPERTIES, LLC

P.L.

(SEE R/W REF. A)

N.20°-08'-57.8"W.

CUMMINGS ROAD
STATE HIGHWAY "69"

520.91'

N.19°-51'-21.7"W.

542.81'

25' P.W.D. EASE.
BOOK 1966, PAGE 468

27 28 29 30 31 32 33

+60 +90 +79± +50 +50

45'

TEMP. CONST. 1215± S.F. LIMITS

TEMP. CONST. 380± S.F. S.F.L. LIMITS 645± S.F.

Flow Flow

SLOPE EASE. LTS.

P.I. STA. 26+26.38
Δ = 0°-27'-35.8" RT.

P.I. STA. 31+47.29
Δ = 0°-17'-36.1" RT.

WEIGHT WATCHERS OF MAINE, INC.
ITEM NO. (1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 2740± S.F.(2)
TOTAL AREA = 11.5± AC.(CITY)

CENTRAL MAINE POWER COMPANY
ITEM NO. (3)
SLOPE EASEMENT = 645± S.F.(1)
TEMP. CONST. RIGHTS = 380± S.F.(1)
TOTAL AREA = 11± AC.(CITY)

EXISTING RIGHT OF WAY REFERENCES

A) CUMBERLAND COUNTY COMMISSIONERS RECORDS
VOLUME 16, PAGE 709
JANUARY 1894 4 RODS WIDE (66')

B) GANNETT DRIVE
CITY OF SOUTH PORTLAND - PAGE 438A, 438B
DATE ACCEPTED: OCT. 7, 1991
66' WIDE

C) STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
D.O.T. FILE NO. 3-351 JULY 1987

D) PLAN OF A PORTION OF SPRING ST.
CITY OF WESTBROOK, MAINE
H.I. & E.C. JORDAN SURVEYORS
DECEMBER 16, 1966

E) RUNNING HILL ROAD / CUMMINGS ROAD
PREPARED FOR PACKARD DEVELOPMENT
NEWTON, MASSACHUSETTS
JOB NO. 2578

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

WIN 019091.00

SYMBOLS

- IP or ● P/P (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- &BM (TRAVERSE POINT)
- WELL
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF "RROW" RIGHT TO PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

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

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

REVISIONS

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

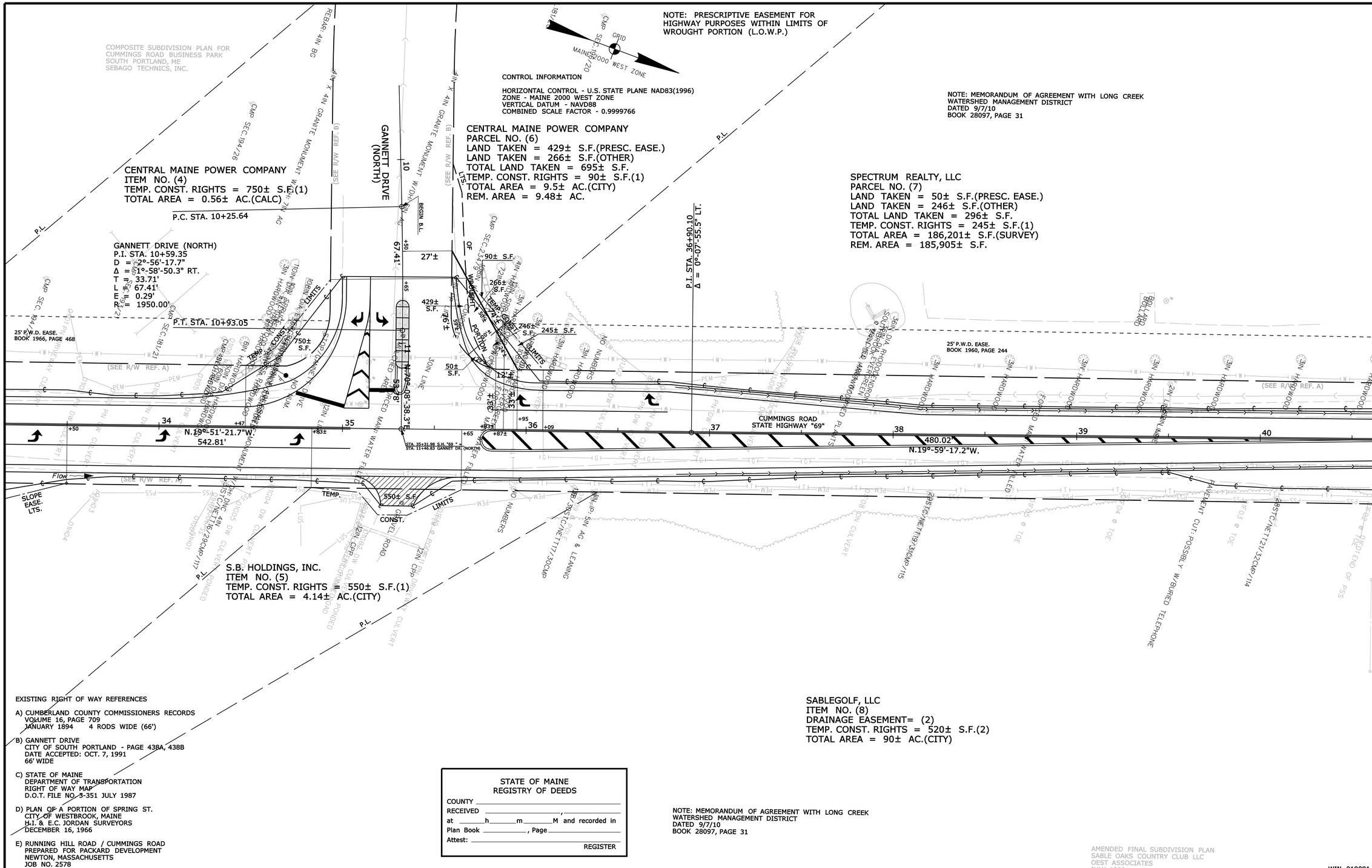
STATE OF MAINE
CHRISTOPHER W. KNIGHT 2237
PROFESSIONAL LAND SURVEYOR

STATE HIGHWAY "69"
CUMMINGS ROAD
SOUTH PORTLAND CUMBERLAND COUNTY
FEDERAL AID PROJECT NO. STP-1909(100)X

MAY 2012 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 3-578
SCALE 1" = 25' | SHEET 3 OF 6

SHEET NUMBER
53
OF 56

Filename: ...\00\row\msta\203_RWPLAN3.dgn Division: ROW Username: terry.blair Date:6/21/2012



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NOTE: MEMORANDUM OF AGREEMENT WITH LONG CREEK WATERSHED MANAGEMENT DISTRICT
DATED 9/7/10
BOOK 28097, PAGE 31

SYMBOLS
- IP or ● P/P (IRON PIPE or PIN FOUND)
- ST. (SEPTIC TANK)
- (ROW MONUMENT)
- ⊕ BM (TRAVERSE POINT)
- (WELL)
- GRADING LIMIT LINE
- CONS. PROPERTY LIMIT LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION (L.O.W.P.)
- EXISTING RIGHT OF WAY
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- NEW ROW WITHIN EXIST. ROW
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- WATER LINE
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BASE MAP		
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
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RIGHT OF WAY MAP

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STATE OF MAINE
CHRISTOPHER W. KNIGHT 2257
PROFESSIONAL LAND SURVEYOR

STATE HIGHWAY "69"
CUMMINGS ROAD
SOUTH PORTLAND CUMBERLAND COUNTY
FEDERAL AID PROJECT NO. STP-1909(100)X

MAY 2012 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 3-578
SCALE 1" = 25' | SHEET 4 OF 6

SHEET NUMBER
54
OF 56

Filename: ...\00\row\mnsto\204_RWPLAN4.dgn Division: ROW Username: terry.blair Date:6/21/2012

COMPOSITE SUBDIVISION PLAN FOR
CUMMINGS ROAD BUSINESS PARK
SOUTH PORTLAND, ME
SEBAGO TECHNICS, INC.
PLAN BOOK 191, PAGE 127

NOTE: MEMORANDUM OF AGREEMENT WITH LONG CREEK WATERSHED MANAGEMENT DISTRICT
DATED 9/7/10
BOOK 28097, PAGE 31

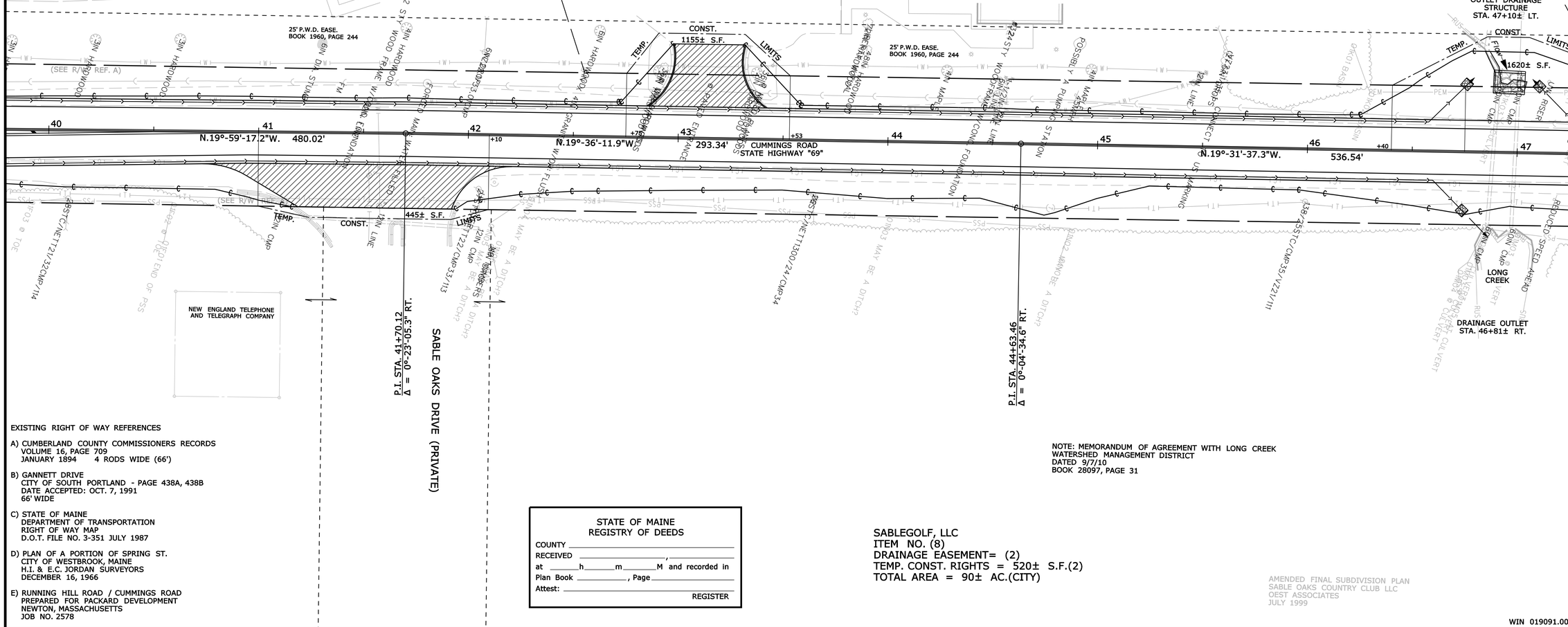
CONTROL INFORMATION

HORIZONTAL CONTROL - U.S. STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999766

GRID
MAINE 2000 WEST ZONE

SPECTRUM REALTY, LLC
PARCEL NO. (7)
LAND TAKEN = 50± S.F.(PRESC. EASE.)
LAND TAKEN = 246± S.F.(OTHER)
TOTAL LAND TAKEN = 296± S.F.
TEMP. CONST. RIGHTS = 245± S.F.(1)
TOTAL AREA = 186,201± S.F.(SURVEY)
REM. AREA = 185,905± S.F.

T & T DEVELOPMENT, LLC
ITEM NO. (9)
DRAINAGE EASEMENTS = (3)
TEMP. CONST. RIGHTS = 2775± S.F.(2)
TOTAL AREA = 3.70± AC.(CITY)



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REGISTRY OF DEEDS
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SABLEGOLF, LLC
ITEM NO. (8)
DRAINAGE EASEMENT= (2)
TEMP. CONST. RIGHTS = 520± S.F.(2)
TOTAL AREA = 90± AC.(CITY)

NOTE: MEMORANDUM OF AGREEMENT WITH LONG CREEK WATERSHED MANAGEMENT DISTRICT
DATED 9/7/10
BOOK 28097, PAGE 31

AMENDED FINAL SUBDIVISION PLAN
SABLE OAKS COUNTRY CLUB LLC
OEST ASSOCIATES
JULY 1999

WIN 019091.00

SYMBOLS
WELL (WELL)
GRADING LIMIT LINE
CONSTRUCTION LIMIT LINE
PROPERTY LINE P.L.
LIMITS OF WRO RIGHT TO PORTION (L.O.W.P.)
EXISTING RIGHT OF WAY
NEW RIGHT OF WAY
NEW ROW WITHIN EXIST. ROW
CONTROL OF ACCESS
IP or IPF (IRON PIPE or PIN FOUND)
S.T. (SEPTIC TANK)
(ROW MONUMENT)
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STATE OF MAINE
CHRISTOPHER W. KNIGHT 2257
PROFESSIONAL LAND SURVEYOR

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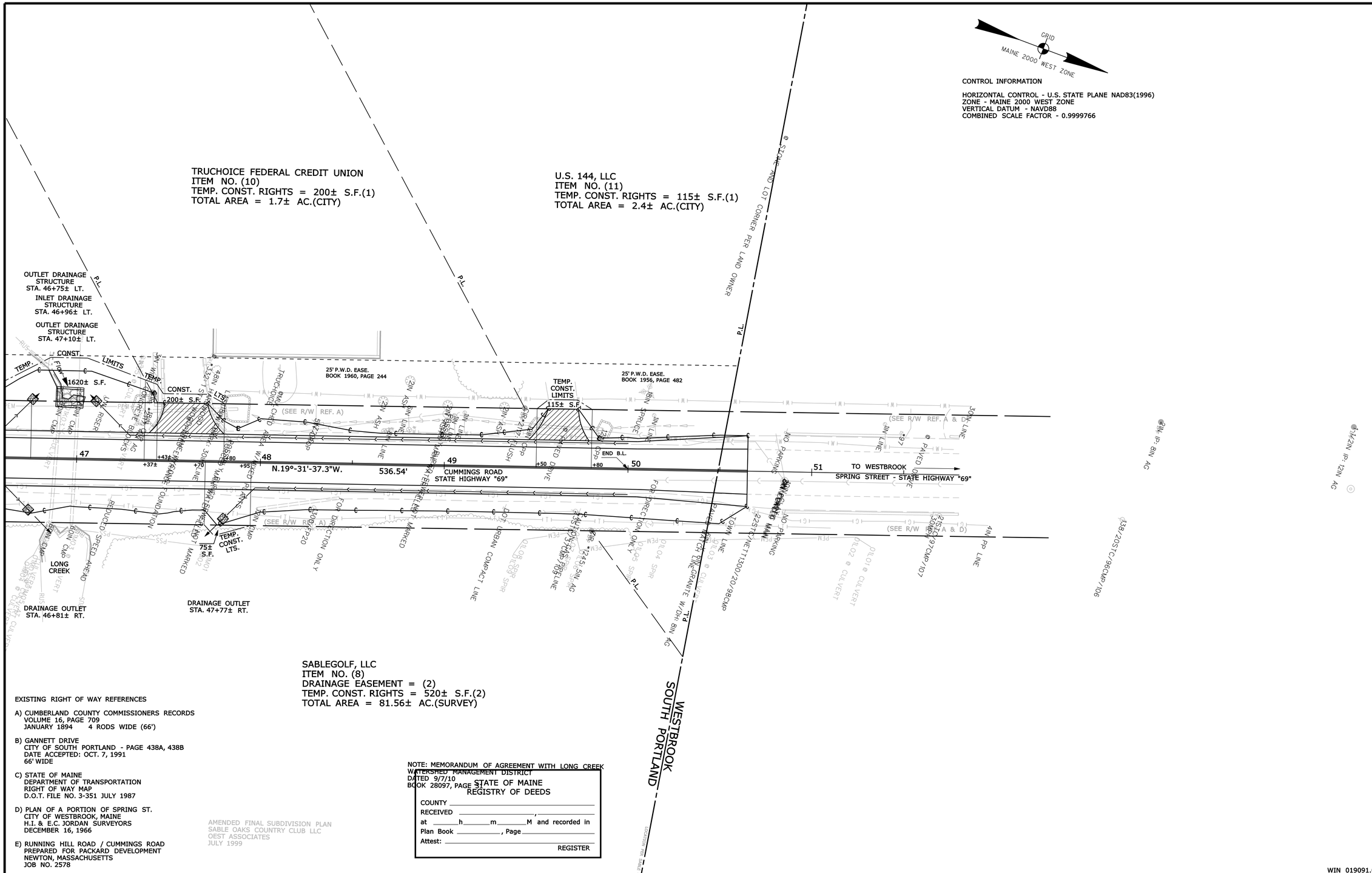

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