STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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

S. BERWICK
YORK
RTE 236

PROJECT NO. STP-2055(900)
PROJECT LENGTH : 0.27 MILES

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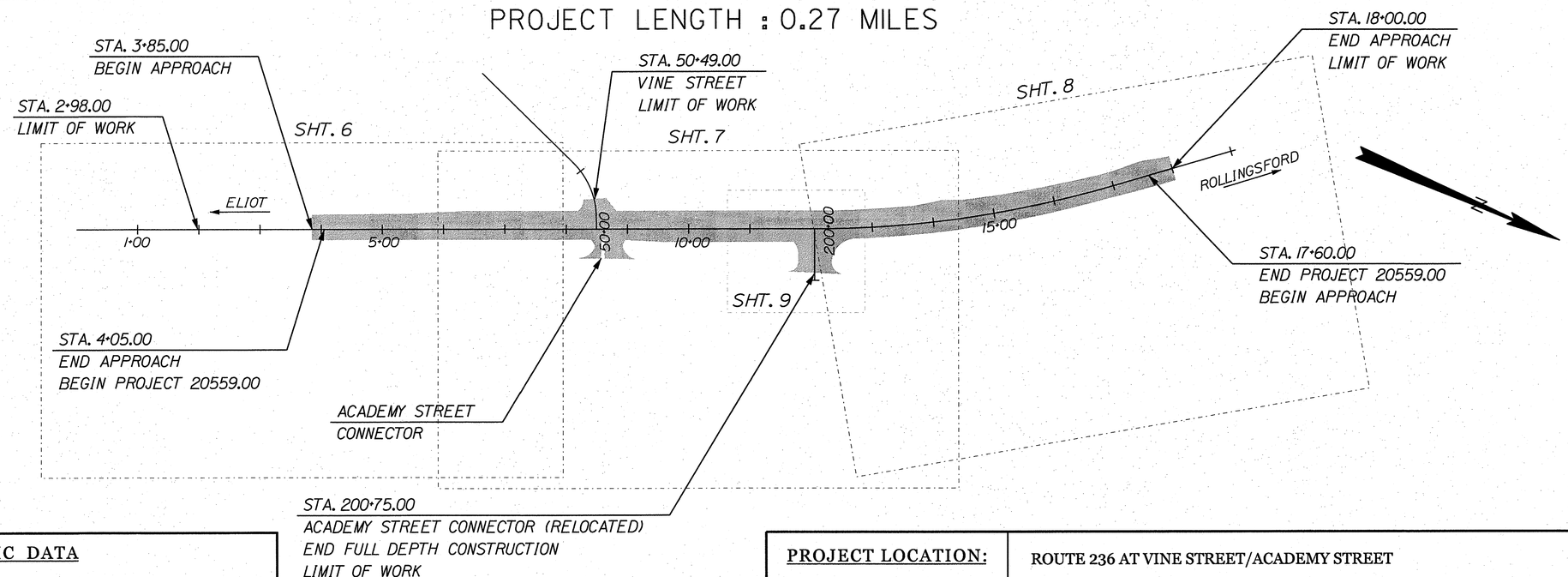


LAYOUT SCALE
100 0 100 200
Scale in Feet

TRAFFIC DATA

Current (2014) AADT 15,160
Future (2034) AADT 18,190
DHV - % of AADT.....10%
Design Hour Volume..... 1,729
% Heavy Trucks (AADT).....7%
% Heavy Trucks (DHV).....4%
Directional Distribution (DHV).. 60%
18 kip Equivalent P 2.0..... 717
18 kip Equivalent P 2.5.....683
Design Speed (mph) .....35 MPH
Functional Class:. MINOR ARTERIAL

PROJECT LOCATION:	ROUTE 236 AT VINE STREET/ACADEMY STREET
PROGRAM AREA:	MULTIMODAL PROGRAM
SCOPE OF WORK:	INTERSECTION SPOT IMPROVEMENT

WIN 20559.00 STP-2055(900)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED — DATE
COMMISSIONER: 12/18/15
CHIEF ENGINEER: 12-17-15

STATE OF MAINE — BRIAN KEEZER — LICENSED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	MULTI-MODAL
PROJECT MANAGER	BRIAN KEEZER
DESIGNER	LCC
CONSULTANT	CLD CONSULTING ENGINEERS
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

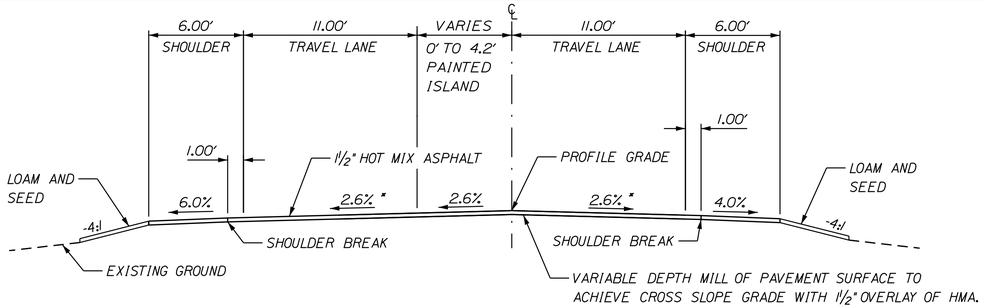
SIGNATURE
13221 P.E. NUMBER
12/15/2015 DATE

S. BERWICK
RTE 236

TITLE SHEET

SHEET NUMBER
1
OF 37

Filename: ...\ustn\Highway\001_Title.dgn Division: HIGHWAY Username: Date:12/15/2015



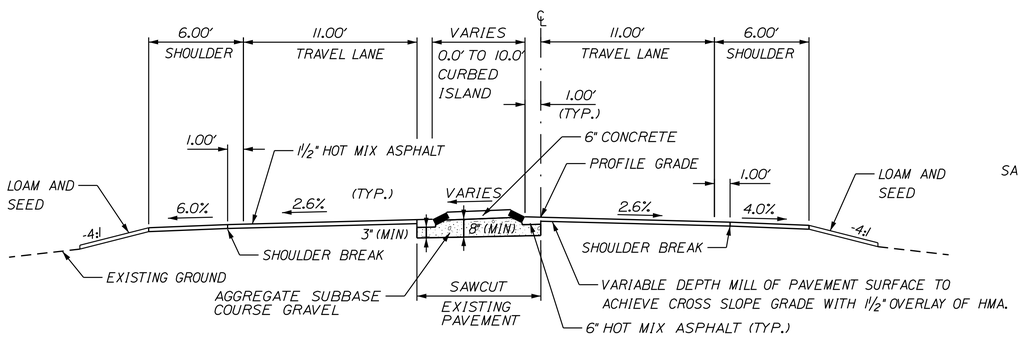
TYPICAL SECTION
MILL AND OVERLAY

STA. 3+85 TO STA. 5+00
STA. 17+00 TO STA. 18+00

* SLOPES VARY (TRANSITION TO EXISTING)

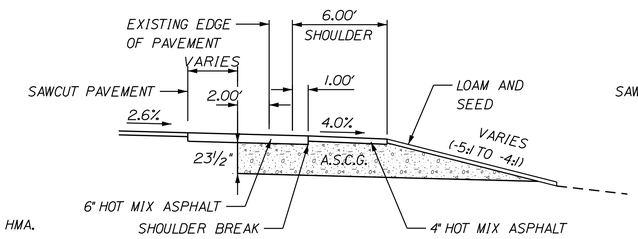
NOTES:

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



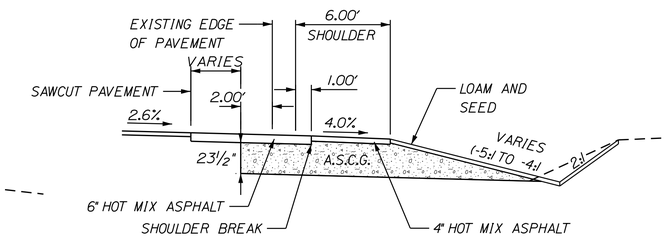
TYPICAL SECTION
MILL AND OVERLAY
WITH RAISED CENTER ISLAND

STA. 5+05 TO STA. 6+95
STA. 8+92 TO STA. 11+80



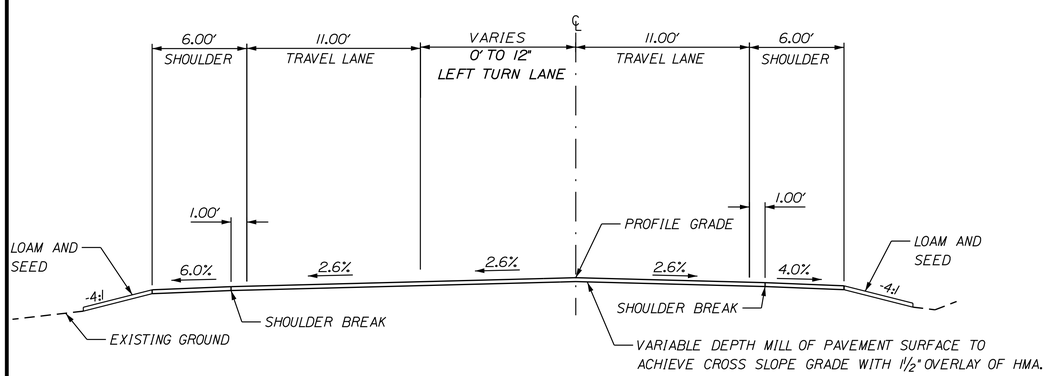
TYPICAL SECTION
DAYLIGHT END TREATMENT

STA. 9+25± TO STA. 11+50 RT.
STA. 12+50 TO STA. 13+75 RT.
STA. 15+20 TO STA. 16+25 LT.



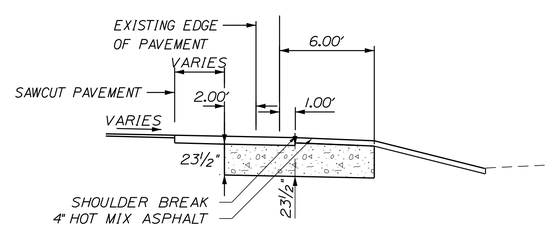
TYPICAL SECTION
DAYLIGHT END TREATMENT
WITH DITCH

STA. 9+25± TO STA. 11+50± RT.



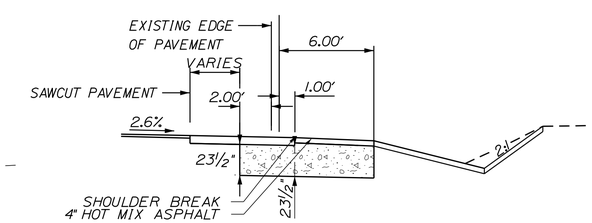
TYPICAL SECTION
MILL AND OVERLAY
WITH LEFT TURN LANE

STA. 7+00 TO STA. 8+50



TYPICAL SECTION
BOX END TREATMENT

STA. 3+85 TO 9+25, RT
STA. 5+00 TO 15+75, LT
STA. 13+75 TO 15+20, RT
STA. 16+25 TO 17+50, RT



TYPICAL SECTION
BOX END TREATMENT
WITH DITCH

STA. 9+00 TO 9+25, RT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

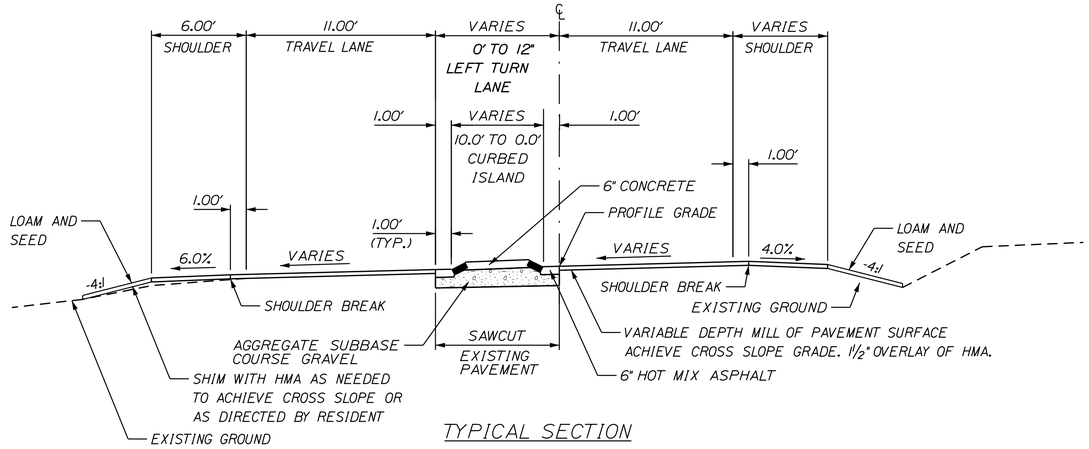
DATE

S. BERWICK
RTE 236

TYPICAL SECTIONS

SHEET NUMBER
2
OF 37

Date:12/21/2015 Division: HIGHWAY Username: Filename: ...\ustn\Highway\002_Typicals.dgn



TYPICAL SECTION
MILL AND OVERLAY
SUPERELEVATED SECTION
WITH RAISED CENTER ISLAND/LEFT TURN LANE
STA. 12+00 TO STA. 17+00

NOTES:

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

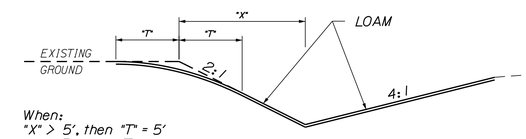
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL LANE.

3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

4. THE GRAVEL VOLUMES SHOWN ON TYPICALS ARE BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.

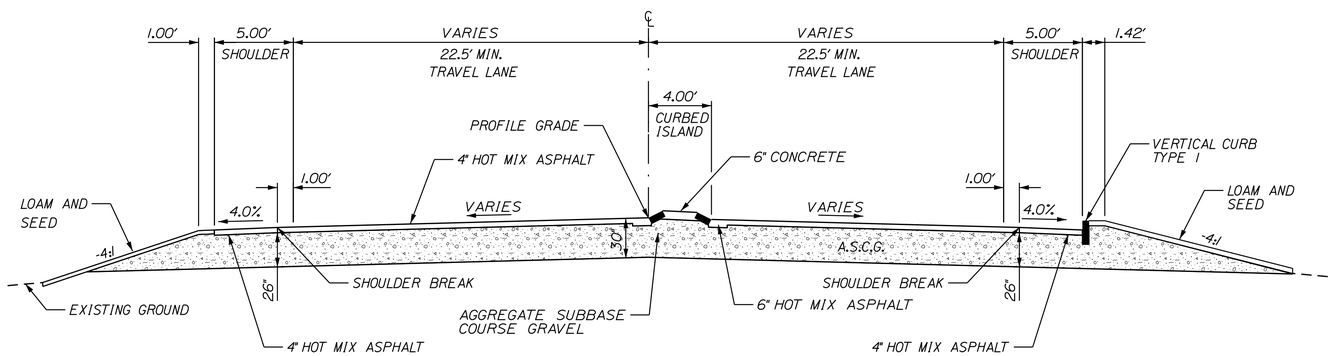
5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEL LANE CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.

6. THE STATIONING SHOWN UNDER EACH TYPICAL SECTION IS APPROXIMATE.

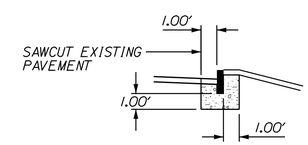


When:
"X" > 5', then "T" = 5'
"X" ≤ 5', then "T" = "X"
This formula may be modified in the field
by the Resident to avoid property damage.

BACKSLOPE ROUNDING DETAIL



ACADEMY STREET CONNECTOR (RELOCATED) TYPICAL SECTION
SUPERELEVATED FULL BOX CONSTRUCTION
WITH RAISED ISLAND



STRAIGHT GRANITE CURB
REMOVED AND RESET

SUPERELEVATION TABLE- STATE ROUTE 236

LT. SHOULDER	LT TRAVELWAY	STATION	RT TRAVELWAY	RT. SHOULDER
		START		
MATCH	MATCH	0+00	MATCH	MATCH
MATCH	MATCH	3+85	MATCH	MATCH
6.0	-2.6	4+00	-2.6	-4.0
		TO		
6.0	-2.6	11+27	-2.6	-4.0
6.0	-2.6	11+75	0.0	-4.0
6.0	-2.6	12+26	0.0	-4.0
		TO		-4.0
6.0	-2.6	15+50	2.6	
6.0	-3.6	16+00		-4.0
MATCH	MATCH	16+50	MATCH	MATCH
MATCH	MATCH	18+00	MATCH	MATCH

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	BRIAN KEEZER	
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

S. BERWICK
RTE 236

TYPICAL SECTIONS

SHEET NUMBER
3
OF 37

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\003_Typicals.dgn

GENERAL NOTES

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:

CENTRAL MAINE POWER	NORTHERN UTILITIES, INC.
COMCAST CABLE	SOUTH BERWICK WATER DISTRICT
BIDDEFORD INTERNET CORP.	BOSTON & MAINE CORP.
FAIRPOINT COMMUNICATIONS	GRANITE STATE GAS TRANSMISSION, INC.
MAINE FIBER COMPANY	MARITIME NORTHEAST PIPELINE
OXFORD NETWORKS	REVOLUTION NETWORKS (AKA NECP)
SOUTH BERWICK SEWER DISTRICT	TOWN OF SOUTH BERWICK
U.S. SPRINT	UNITIL CORPORATION

2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.

3. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT IN OVERLAY AREAS SHALL BE BUTTED. PAYMENT SHALL BE MADE UNDER ITEM 202.202 PAVEMENT SURFACE REMOVAL.

4. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTIONS PAVED OR MILLED EACH DAY. THE USES OF MILLINGS OR RAP WILL NOT BE ALLOWED, BUT COLD PATCH MAY BE TEMPORARILY UTILIZED UNTIL HMA PLANTS ARE OPEN FOR THE SEASON.

5. TEMPORARY RAMPS SHALL BE CONSTRUCTED WITH ONE FOOT OF LENGTH FOR EVERY 1/4" OF TRANSITION DEPTH ON THE LEADING AND THE TRAILING ENDS. MATERIALS, PLACEMENT, MAINTENANCE, AND REMOVAL SHALL BE INCIDENTAL TO CONTRACT ITEMS.

6. GRIND TRANSITION TAPERS AT CATCH BASINS UNDER ITEM 202.202 PAVEMENT SURFACE REMOVAL, AS DIRECTED BY THE RESIDENT.

7. 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. CLEARING OF TREES CAN ONLY TAKE PLACE BETWEEN OCTOBER 15 AND APRIL 15 REFER TO SPECIAL PROVISION 105.

8. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT. ESTIMATED GRUBBING DEPTHS ARE 6 INCHES IN FIELD AREAS AND 12 INCHES IN WOODED AREAS.

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

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.

11. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN SUITABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.

12. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.

13. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL BE 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. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE-GRAVEL AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

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

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

18. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE SHOULDER PAVEMENT WILL HAVE THE SAME SLOPE AS THE TRAVELED WAY.

19. GRANULAR BORROW USED UNDER PIPES SHALL MEET THE REQUIREMENTS FOR UNDERWATER BACKFILL.

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

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

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

23. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.

24. LOAM HAS BEEN ESTIMATED FOR ALL DISTURBED AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.

25. SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL NON-GUARDRAIL SLOPES. SEEDING METHOD NO. 3 SHALL BE UTILIZED ONALL 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.

26. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4" IN LAWN AREAS AND 2" IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.

27. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.

28. 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.

29. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO ALL ISLAND TAPERED ENDS AND RADIUS NOSES.

30. 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.

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

32. 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.

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

34. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.

35. STATIONS REFERENCED ARE APPROXIMATE.

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

37. THE CONTRACTOR WILL PLACE APPROPRIATELY MARKED STAKES AT THE FOLLOWING LOCATIONS ON THE PROJECT: STRIPING PATTERN CHANGES, CROSS-SLOPE CHANGES, AND EVERY 500' FOR STATIONING. THE CONTRACTOR WILL PAINT EVERY FULL STATION (100') ON THE EXISTING ROADWAY AND WILL TRANSFER THE PAINTED STATIONING THROUGH ALL INTERMEDIATE LIFTS (NOT SURFACE). APPROPRIATELY SIZED STRIPING PATTERN CHANGES WILL BE PAINTED ON SURFACE. STATIONING CONTROL MUST BE PLACED BEFORE PAVING CAN COMMENCE. A TRAFFIC CONTROL PENALTY WILL BE ASSESSED FOR EACH DAY OF NON-COMPLIANCE.

38. 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.

39. PAVEMENT CUT LINES SHALL BE NEAT, CLEAN AND STRAIGHT AS DIRECTED BY RESIDENT. PAYMENT FOR CUTTING OF EXISTING PAVEMENT SHALL BE INCIDENTAL TO 403 ITEMS.

40. THE FOLLOWING SHALL BE INCIDENTAL TO THE 603 ITEM(S):
   - A. ANY CUTTING OF EXISTING CULVERTS AND/OR CONNECTORS NECESSARY TO INSTALL NEW CULVERT REPLACEMENTS OR EXTENSIONS
   - B. ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT
   - C. ALL DITCHING AT PIPE ENDS
   - D. FURNISHING, PLACING, GRADING, AND COMPACTING OF ANY NEW GRAVEL AND FOR TEMPORARY DETOURS TO MAINTAIN TRAFFIC DURING PIPE INSTALLATION (EXCAVATION IS ALSO INCIDENTAL).
   - E. FLOW LINES MAY BE CHANGED BY 1.5 FT
   - F. ANY NECESSARY CLEARING OF BRUSH AND NON-PAY TREES WITHIN 10 FEET OF CULVERT ENDS
   - G. AN 18" WIDE STRIP OF NON-WOVEN GEO-TEXTILE MEETING THE REQUIREMENTS OF 620.58 SHALL BE PLACED OVER ALL RCP JOINTS

41. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE RESIDENT.

42. IN AREAS WHERE THE RESIDENT DIRECTS THE CONTRACTOR NOT TO EXCAVATE TO THE SUBBASE LINE SHOWN ON THE PLANS. PAYMENT FOR REMOVING EXISTING PAVEMENT, GRUBBING, SHAPING, DITCHING AND COMPACTING THE EXISTING SUBBASE AND LAYERS OF NEW SUBBASE 6 INCHES OR LESS THICK WILL BE MADE UNDER APPROPRIATE EQUIPMENT RENTAL ITEMS.

43. REMOVAL OF EXISTING ROADSIDE SIGNS AND RELOCATION OF ROADSIDE SIGNS/POSTS AS NOTED ON THE SIGNING PLANS, SHALL BE CONSIDERED INCIDENTAL TO THE 645 PAY ITEMS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIBERNOVAE PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

S. BERWICK
S. BERWICK RTE 236 YORK

PLANS

Filename: ...\Highway\004_GeneralNotes.dgn Division: HIGHWAY Username: Date:12/21/2015

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	1,630	
EARTH FROM DRIVES, OLD ROAD, ETC.	30	
GRUBBING IN FILL	190	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	0	
CULVERT INLET AND OUTLET DITCHES	0	
PAVEMENT SALVAGE IN FILL	0	
TOTAL COMMON EXCAVATION (for estimate)		1,850

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	470	
GRUBBING IN FILL	190	
TOTAL FILL		660

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	0	
TOTAL ROCK EXCAVATION		0

UNCLASSIFIED EXCAVATION FOR ESTIMATE

TOTAL UNCLASSIFIED EXCAVATION		0

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION		1,850
DEDUCTIONS:		
GRUBBING IN FILL	190	
(2) TOTAL DEDUCTIONS		190
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		1,660
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		0
RIPRAP EXCAVATION		12
TOTAL AVAILABLE NON-ROCK EXCAVATION		1,672

COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAIL. WASTE STORAGE AREA (FROM CROSS SECTIONS)		
GRUBBING IN CUT	0	
GRUBBING IN FILL	190	
TOTAL WASTE MATERIAL TO BE UTILIZED (LOWER OF TOTAL AVAILABLE WASTE STORAGE AREA OR TOTAL WASTE MATERIAL)		190
TOTAL WASTE MATERIAL TO BE WASTED (TOTAL WASTE MATERIAL MINUS TOTAL WASTE MATERIAL TO BE UTILIZED)		190

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3)TOTAL FILL				660
TOTAL AVAIL. NON-ROCK EXCAV.	1,672	x 0.90 =	1,505	
TOTAL AVAIL. ROCK EXCAV.	0	x 1.30 =	0	
TOTAL AVAIL. STR. ROCK EXCAV.	0	x 1.30 =	0	
TOTAL WASTE MATERIAL TO BE UTILIZED	0	x 0.90 =	0	
(4)TOTAL AVAILABLE EXCAVATION			=	1,505
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION				-845
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL, PLUS TOTAL WASTE MATERIAL TO BE WASTED				1,035

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	BRIAN KEEZER		
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
RTE 236

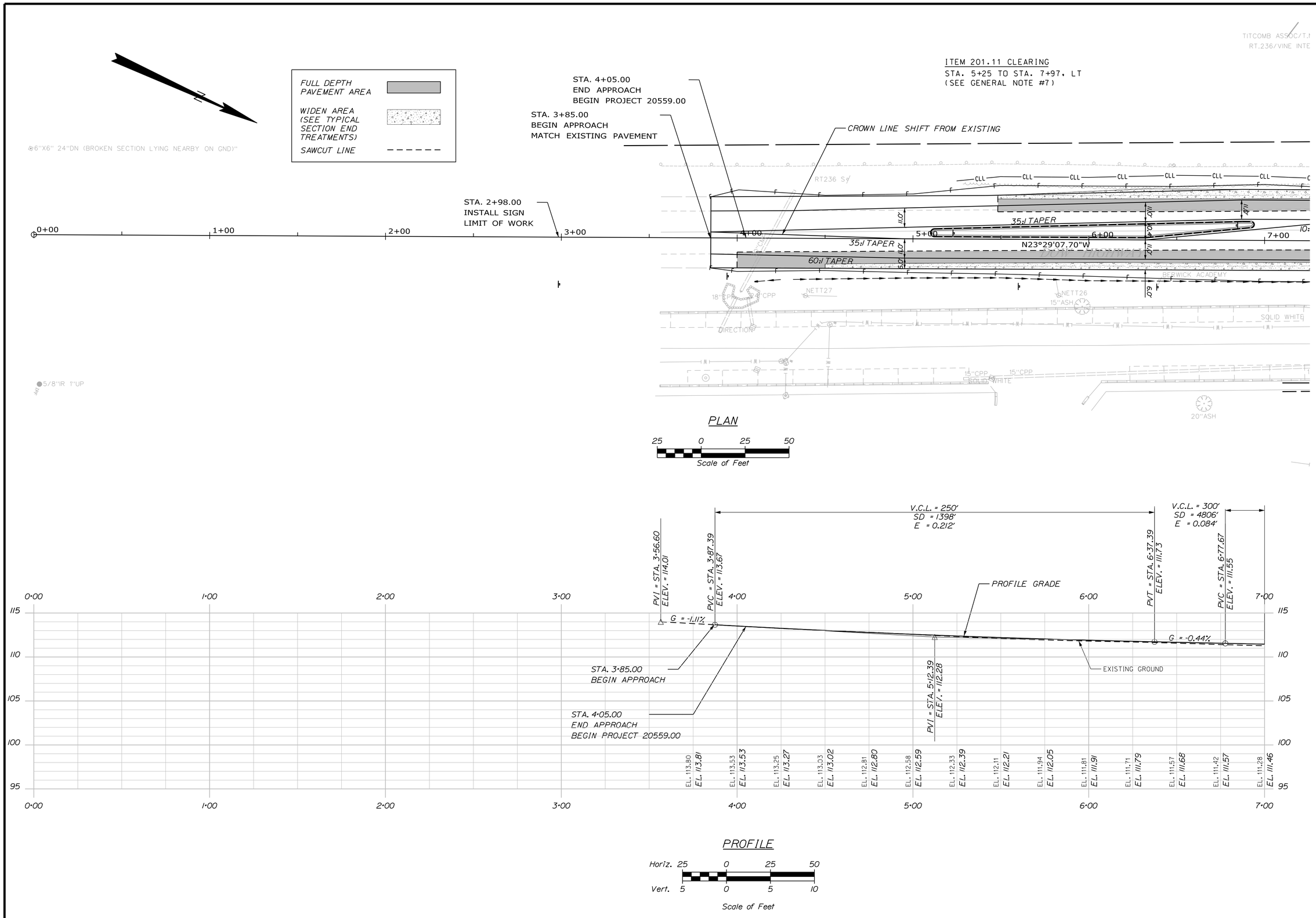
ESTIMATED QUANTITIES

SHEET NUMBER

5

OF 37

Filename: ...\Highway\005_Quantities.dgn Division: HIGHWAY Username: Date:12/21/2015



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
RTE 236

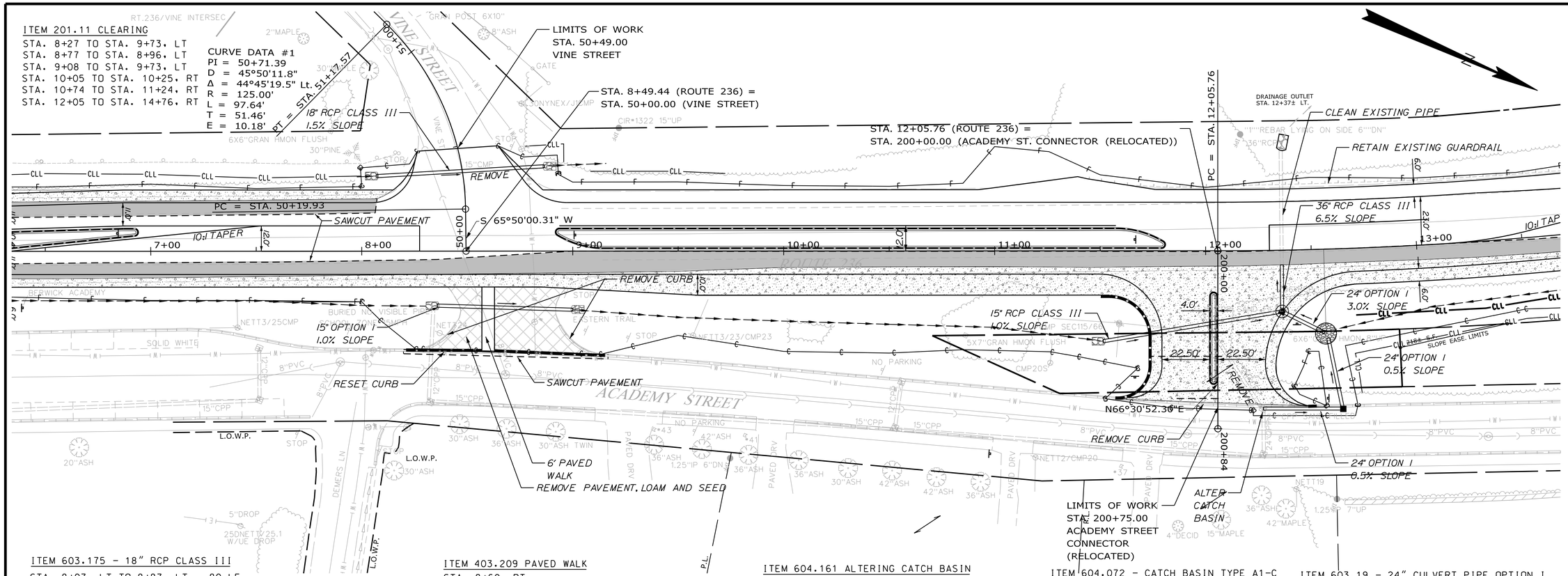
PLAN / PROFILE

SHEET NUMBER

6

OF 37

Filename: ...\ustn\Highway\006_HDPlan1.dgn Division: HIGHWAY Username: Date:12/21/2015



ITEM 201.11 CLEARING

STA. 8+27 TO STA. 9+73, LT
STA. 8+77 TO STA. 8+96, LT
STA. 9+08 TO STA. 9+73, LT
STA. 10+05 TO STA. 10+25, RT
STA. 10+74 TO STA. 11+24, RT
STA. 12+05 TO STA. 14+76, RT

CURVE DATA #1
PI = 50+71.39
D = 45°50'11.8"
Δ = 44°45'19.5" Lt.
R = 125.00'
L = 97.64'
T = 51.46'
E = 10.18'

ITEM 603.175 - 18" RCP CLASS III

STA. 8+07, LT TO 8+87, LT 80 LF

ITEM 603.16 - 15" CULVERT PIPE OPTION I

STA. 8+36, RT TO 9+00, RT 64 LF

ITEM 603.165 - 15" RCP CLASS III

STA. 11+51, RT TO 12+35, RT 84 LF

PLAN

25 0 25 50
Scale of Feet

ITEM 403.209 PAVED WALK

STA. 8+60, RT

ITEM 609.441 CURBING REMOVED & STACKED

STA. 8+21, 46' RT TO STA. 8+45, 34' RT
STA. 8+94, 35' RT TO STA. 9+15, 49' RT

ITEM 609.38 RESET CURB TYPE 1 (ACADEMY ST.)

STA. 8+25 TO STA. 9+10 RT

ITEM 604.161 ALTERING CATCH BASIN

STA. 12+26.5, 74.9 RT

ITEM 610.08 PLAIN RIPRAP

STA. 8+36 RT, (18" PIPE INLET)
STA. 9+00 RT, (18" PIPE OUTLET)
STA. 8+07 LT, (18" PIPE INLET)
STA. 8+87 LT, (18" PIPE OUTLET)
STA. 11+51 RT, (15"PIPE INLET)
STA. 12+56 RT, (2 -24" PIPES)
STA. 12+35 LT, (36" PIPE OUTLET)

ITEM 604.072 - CATCH BASIN TYPE A1-C

STA. 12+59, 76.5' RT

ITEM 604.096 - CATCH BASIN TYPE B1 60"

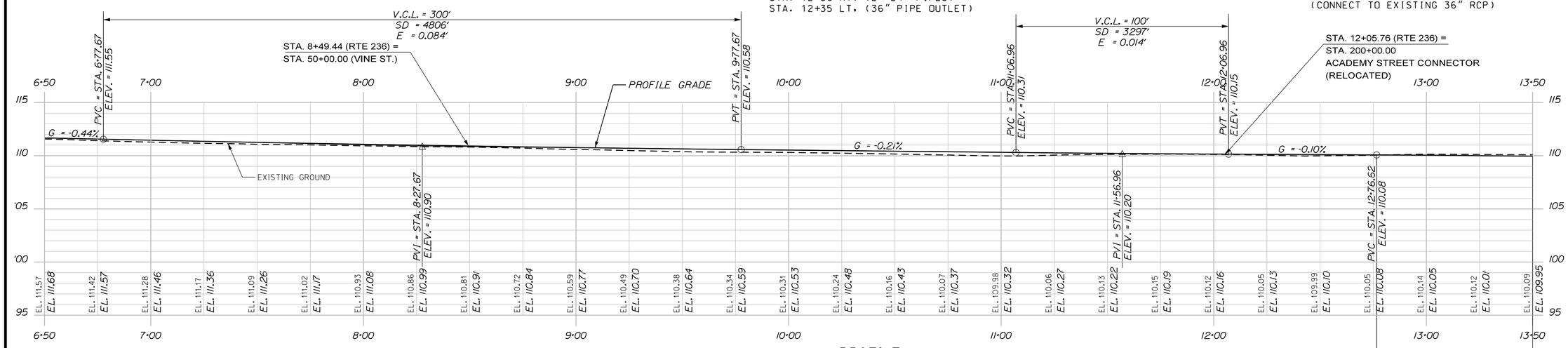
STA. 12+36, 29.0' RT

ITEM 603.19 - 24" CULVERT PIPE OPTION I

STA. 12+22, RT TO 12+59, RT 36 LF
STA. 12+30, RT TO 12+50, RT 22 LF
STA. 12+52, RT TO 12+59, RT 34 LF

ITEM 603.215 - 36" RCP CLASS III

STA. 200+11, LT TO 200+31, LT 20 LF
(CONNECT TO EXISTING 36" RCP)



PROFILE

Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
RTE 236

PLAN / PROFILE

SHEET NUMBER

7

OF 37

Filename: ...\ustn\Highway\007_HDPlan2.dgn Division: HIGHWAY Username: Date:12/21/2015

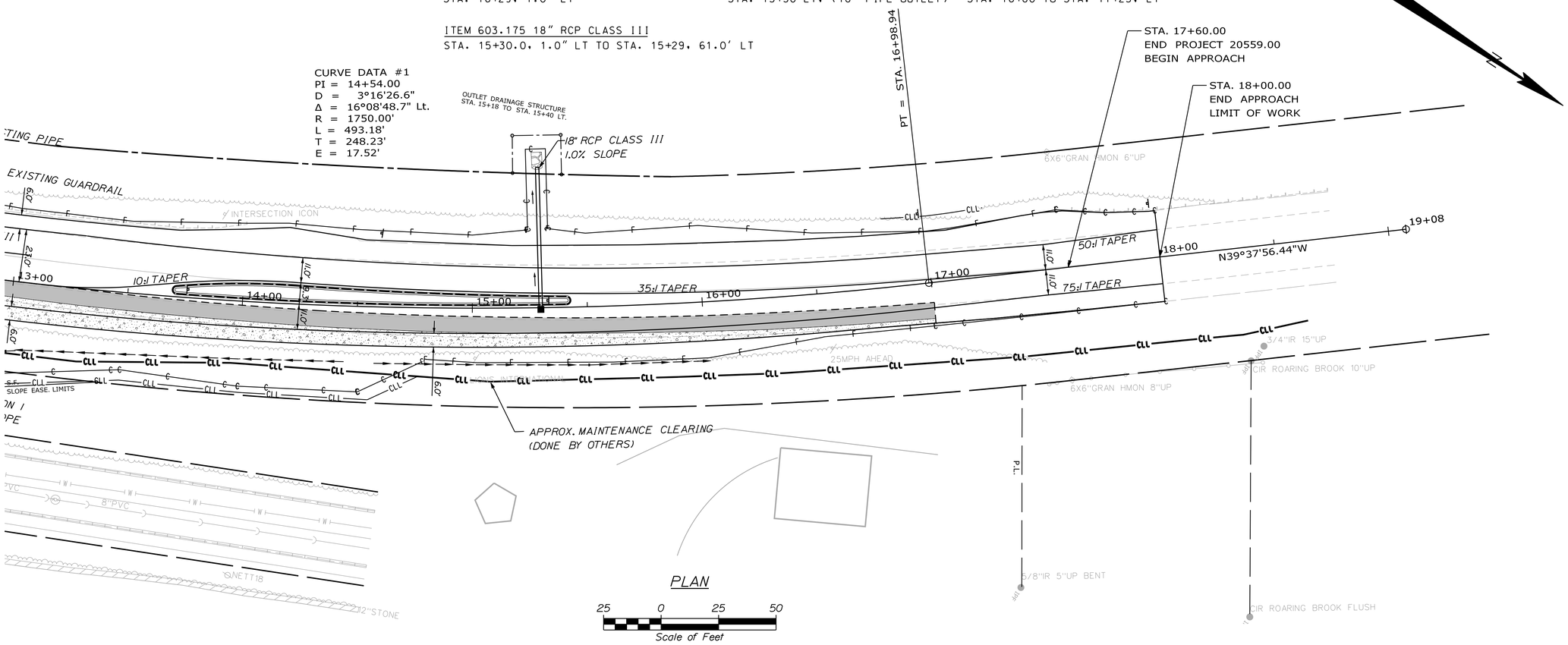
ITEM 604.072 CATCH BASIN TYPE A1-C
STA. 16+29, 1.0' LT

ITEM 610.08 PLAIN RIPRAP
STA. 15+30 LT. (18" PIPE OUTLET)

ITEM 201.11 CLEARING
STA. 16+80 TO STA. 17+25, LT

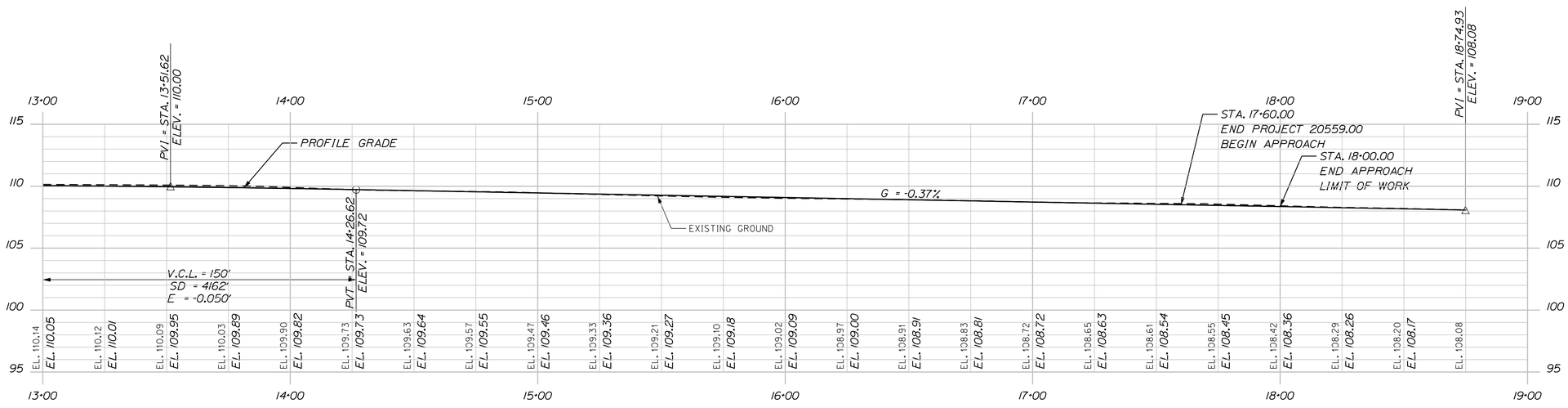
ITEM 603.175 18" RCP CLASS III
STA. 15+30.0, 1.0" LT TO STA. 15+29, 61.0' LT

CURVE DATA #1
PI = 14+54.00
D = 3°16'26.6"
Δ = 16°08'48.7" Lt.
R = 1750.00'
L = 493.18'
T = 248.23'
E = 17.52'



PLAN

25 0 25 50
Scale of Feet



PROFILE

Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

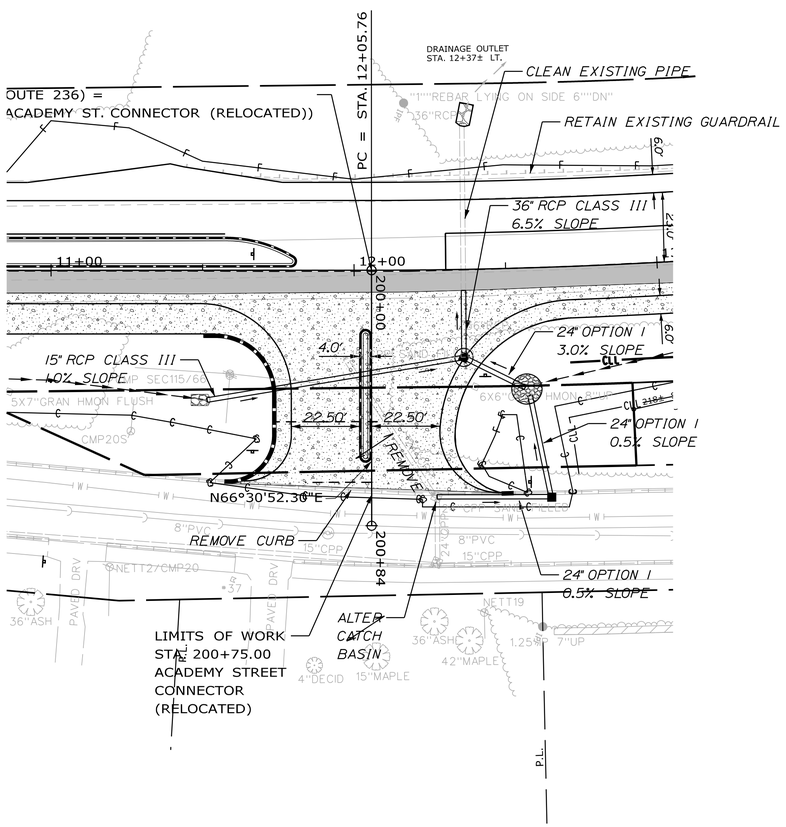
SIGNATURE
P.E. NUMBER
DATE

S. BERWICK
RTE 236

PLAN / PROFILE

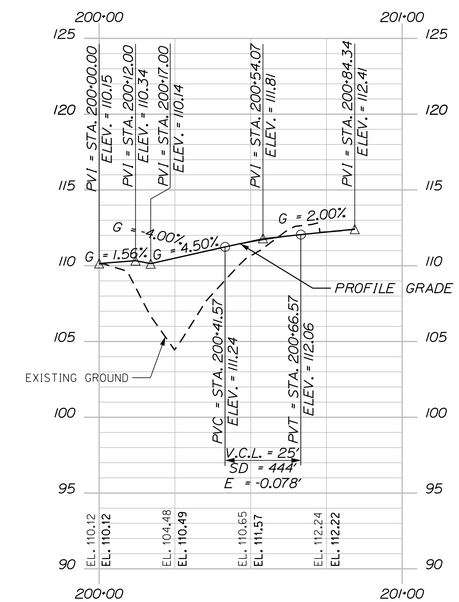
SHEET NUMBER
8
OF 37

Filename: ...\ustn\Highway\008_HDPlan3.dgn Division: HIGHWAY Username: Date:12/21/2015



ACADEMY ST. CONNECTOR (RELOCATED) PLAN

25 0 25 50
Scale of Feet



ACADEMY ST. CONNECTOR (RELOCATED) PROFILE

Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

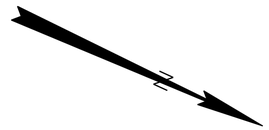
S. BERWICK
RTE 236

PLAN / PROFILE

SHEET NUMBER
9
OF 37

Filename: ...\ustn\Highway\009_HDPlan4.dgn Division: HIGHWAY Username: Date:12/21/2015

Filename: ...\usfn\Highway\010_CPPlan1.dgn Division: HIGHWAY Username: Date:12/21/2015



POE = STA. 53+25.85

ITEM 609.34 CURB TYPE 5

POINT	LENGTH (LF)
1000 TO 1001	175.1'
1001 TO 1002	5.1'
1004 TO 1005	60.4'
1005 TO 1006	120.2'

ITEM 609.35 CIRCULAR CURB TYPE 5

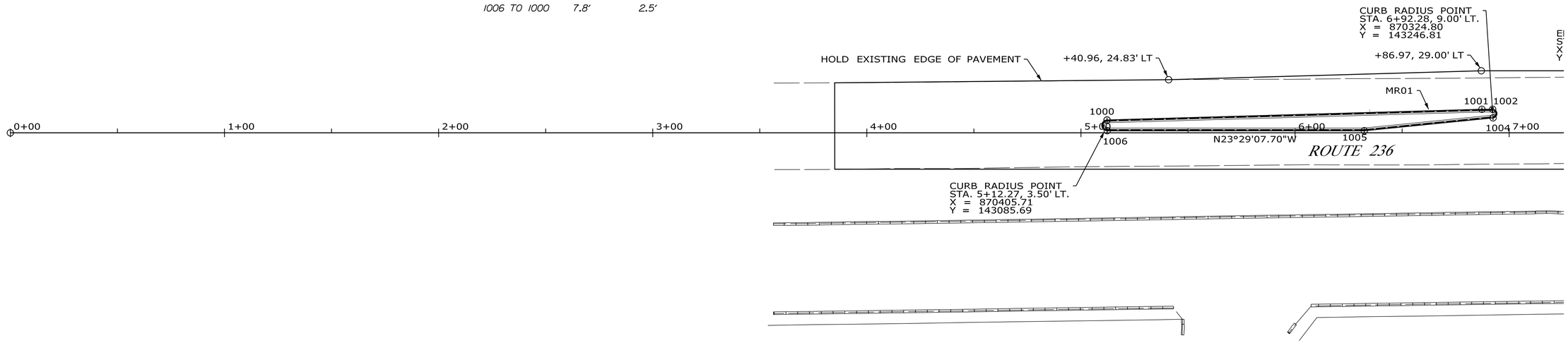
POINT	LENGTH (LF)	RADIUS
1002 TO 1004	6.1'	2.0'
1006 TO 1000	7.8'	2.5'

CURVE DATA
DAB FOR STRING MR01 = PROP. MAINLINE ISLAND

PBT	1000	300+00.00 N 25° - 7' - 19" W	143083.64	87401.16
PT	1001	301+75.12 N 23° - 29' - 11" W	143242.19	870326.81
PC	1002	301+80.16 RAD = 2.00' RT. L = 6.08'	143246.81	870324.80
PT	1004	301+86.24 S 29° - 11' - 46" E	143248.58	870328.38
PT	1005	302+46.69 S 23° - 28' - 59" E	143195.81	870357.87
PC	1006	303+66.75 RAD = 2.50' RT. L = 7.78'	143085.69	870405.71
PAC	1000	303+74.53	14083.64	87401.16

GEOMETRICS
STATION AND OFFSETS FOR MR01 TO ML01

POINT	STATION	OFFSET	X-COORD	Y-COORD
1000	5+09.90	5.00 LT.	870402.99	143083.64
1001	6+87.24	11.00 LT.	870326.81	143242.19
1002	6+92.28	11.00 LT.	870324.80	143246.81
1004	6+92.48	7.00 LT.	870328.38	143248.58
1005	6+32.32	1.00 LT.	870357.87	143195.81
1006	5+12.27	1.00 LT.	870405.71	143085.69



PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

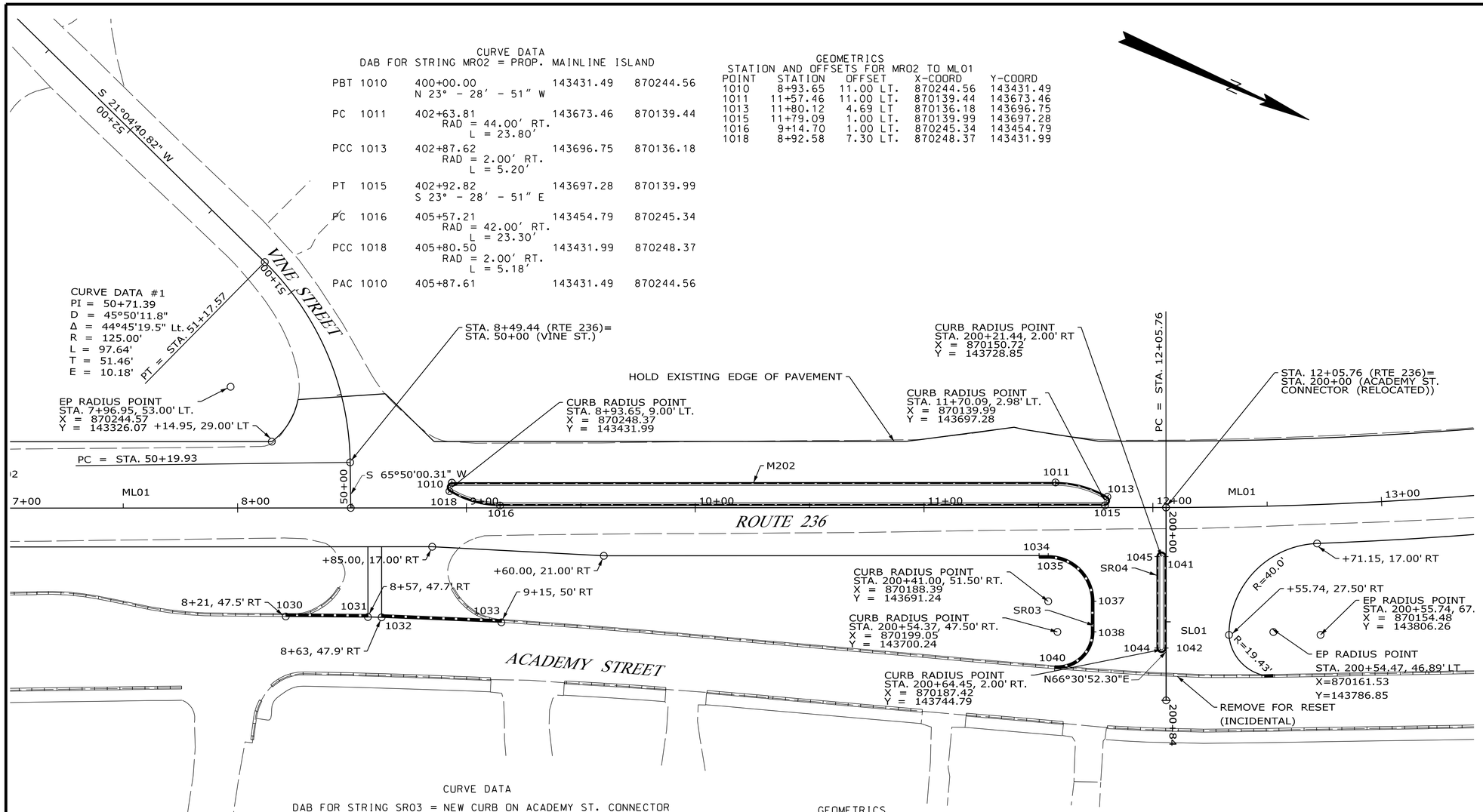
S. BERWICK
RTE 236

GEOMETRIC & CURB LAYOUT

SHEET NUMBER

10

OF 37



CURVE DATA
DAB FOR STRING MR02 = PROP. MAINLINE ISLAND

PBT 1010	400+00.00 N 23° - 28′ - 51″ W		143431.49	870244.56
PC 1011	402+63.81 RAD = 44.00′ RT. L = 23.80′		143673.46	870139.44
PCC 1013	402+87.62 RAD = 2.00′ RT. L = 5.20′		143696.75	870136.18
PT 1015	402+92.82 S 23° - 28′ - 51″ E		143697.28	870139.99
PC 1016	405+57.21 RAD = 42.00′ RT. L = 23.30′		143454.79	870245.34
PCC 1018	405+80.50 RAD = 2.00′ RT. L = 5.18′		143431.99	870248.37
PAC 1010	405+87.61		143431.49	870244.56

GEOMETRICS
STATION AND OFFSETS FOR MR02 TO ML01

POINT	STATION	OFFSET	X-COORD	Y-COORD
1010	8+93.65	11.00 LT.	870244.56	143431.49
1011	11+57.46	11.00 LT.	870139.44	143673.46
1013	11+80.12	4.69 LT	870136.18	143696.75
1015	11+79.09	1.00 LT.	870139.99	143697.28
1016	9+14.70	1.00 LT.	870245.34	143454.79
1018	8+92.58	7.30 LT.	870248.37	143431.99

CURVE DATA
DAB FOR STRING SR03 = NEW CURB ON ACADEMY ST. CONNECTOR

PBT 1034	700+00.00 N 23° - 29′ - 08″ W		143679.60	870171.64
PC 1035	700+04.00 RAD = 20.00′ RT. L = 31.42′		143683.27	870170.05
PT 1037	700+35.42 N 66° - 30′ - 52″ E		143709.59	870180.42
PC 1038	700+48.78 RAD = 16.00′ RT. L = 26.33′		143714.91	870192.68
PT 1040	700+75.11		143705.50	870214.16

GEOMETRICS
STATION AND OFFSETS FOR SR03 TO SL01

POINT	STATION	OFFSET	X-COORD	Y-COORD
1034	220+21.00	55.50 RT.	870171.64	143679.60
1035	200+21.00	51.50 RT.	870170.05	143683.27
1037	200+41.00	31.50 RT.	870180.42	143709.59
1038	200+54.37	31.50 RT.	870192.68	143714.91
1040	200+70.32	48.70 RT.	870214.16	143705.50

GEOMETRICS
STATION AND OFFSETS FOR SR03 TO SL01

POINT	STATION	OFFSET	X-COORD	Y-COORD
1041	200+21.45	0.00 LT.	870149.92	143730.68
1042	200+61.45	0.00 LT.	870186.62	143746.63
1044	200+61.45	4.00 RT.	870188.22	143742.96
1045	200+21.45	4.00 RT.	870151.52	143727.01

CURVE DATA
DAB FOR STRING SR04 = SL01

PBT 1041	800+00.00 N 66° - 30′ - 52″ E		143730.68	870149.92
PC 1042	800+40.01 RAD = 2.00′ RT. L = 6.28′		143746.63	870186.62
PT 1044	800+46.30 S 66° - 30′ - 52″ W		143742.96	870188.22
PC 1045	800+86.31 RAD = 2.00′ RT. L = 6.28′		143727.01	870151.52
PT 1041	800+92.59		143730.68	870149.92

ITEM 609.11 VERTICAL CURB TYPE 1

POINT	LENGTH (LF)
1037 TO 1038	13.4′

ITEM 609.12 VERTICAL CURB TYPE 1-CIRCULAR

POINT	LENGTH (LF)	RADIUS
1035 TO 1037	31.4′	2.0′
1038 TO 1040	26.3′	16.0′

ITEM 609.34 CURB TYPE 5

POINT	LENGTH (LF)	RADIUS
1010 TO 1011	263.8′	-
1011 TO 1013	23.8′	44.0′
1015 TO 1016	264.4′	-
1016 TO 1018	23.3′	44.0′

ITEM 609.35 CIRCULAR CURB TYPE 5

POINT	LENGTH (LF)	RADIUS
1013 TO 1015	5.2′	2.0′
1018 TO 1010	5.2′	2.0′

ITEM 609.38 RESET CURB TYPE 1

POINT	LENGTH (LF)
1030 TO 1031	36′
1032 TO 1033	51′

ITEM 609.234 TERMINAL CURB TYPE 1-4 FOOT

POINT	LENGTH (LF)
1034 TO 1035	4.0′

STA.	OFFSET	LENGTH (LF)
200+74.5	42.8′ LT	4.0′

PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

S. BERWICK
RTE 236

GEOMETRIC & CURB LAYOUT

SHEET NUMBER
11
OF 37

Filename: ...\ustn\Highway\011_CPPlan2.dgn Division: HIGHWAY Username: Date:12/21/2015

Filename: ...\ustn\Highway\012_CPPlan3.dgn Division: HIGHWAY Username: Date:12/21/2015

ITEM 609.34 CURB TYPE 5

POINT	LENGTH (LF)	RADIUS
1019 TO 1021	53.27'	350.0'
1021 TO 1023	116.59'	1739.00'
1025 TO 1027	169.85'	1749.0'

ITEM 609.35 CIRCULAR CURB TYPE 5

POINT	LENGTH (LF)	RADIUS
1023 TO 1025	6.2'	2.0'
1027 TO 1019	6.0'	2.0'

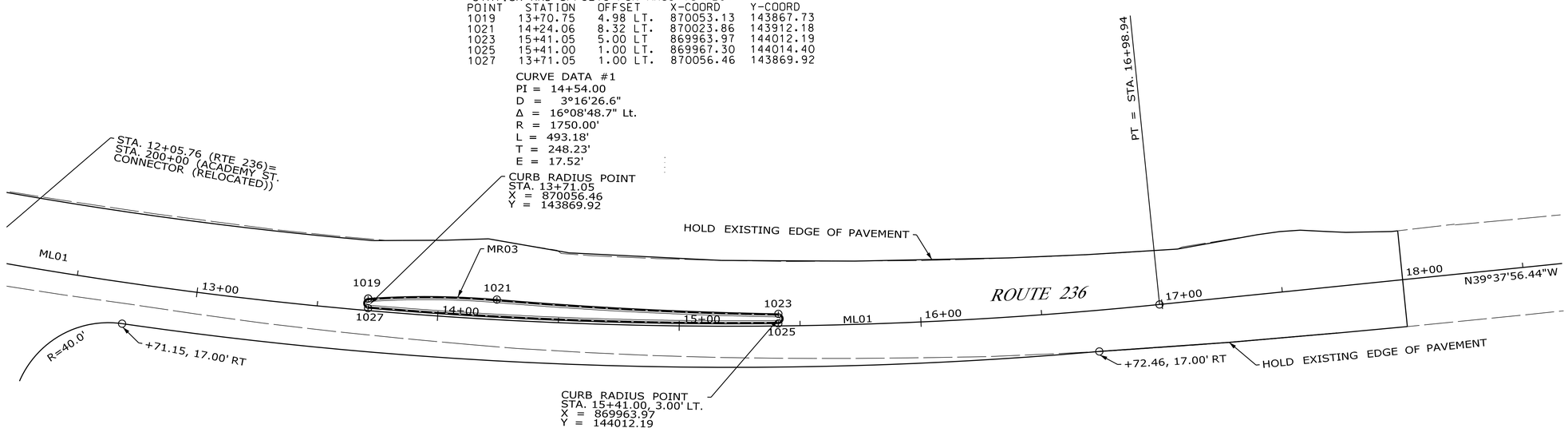
CURVE DATA
DAB FOR STRING MR03 = PROP. MAINLINE ISLAND

PC 1019	900+00.00		143867.73	870053.12
	RAD = 350.00' RT.			
	L = 53.27'			
PRC 1021	900+53.27		143912.18	870023.86
	RAD = 1739.00' RT.			
	L = 116.59'			
PRC 1023	901+69.86		144012.19	869963.97
	RAD = 2.00' RT.			
	L = 6.23'			
PCC 1025	901+76.09		144014.40	869967.30
	RAD = 1749.00' RT.			
	L = 169.85'			
PCC 1027	903+45.93		143869.92	870056.46
	RAD = 2.00' RT.			
	L = 5.97'			
PAC 1019	900+00		143867.73	870053.12

GEOMETRICS
STATION AND OFFSETS FOR MR03 TO ML01

POINT	STATION	OFFSET	X-COORD	Y-COORD
1019	13+70.75	4.98 LT.	870053.13	143867.73
1021	14+24.06	8.32 LT.	870023.86	143912.18
1023	15+41.05	5.00 LT	869963.97	144012.19
1025	15+41.00	1.00 LT.	869967.30	144014.40
1027	13+71.05	1.00 LT.	870056.46	143869.92

CURVE DATA #1
PI = 14+54.00
D = 3°16'26.6"
Δ = 16°08'48.7" Lt.
R = 1750.00'
L = 493.18'
T = 248.23'
E = 17.52'



PLAN

25 0 25 50
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	BRIAN KEEZER		
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

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RTE 236

GEOMETRIC & CURB LAYOUT

SHEET NUMBER
12
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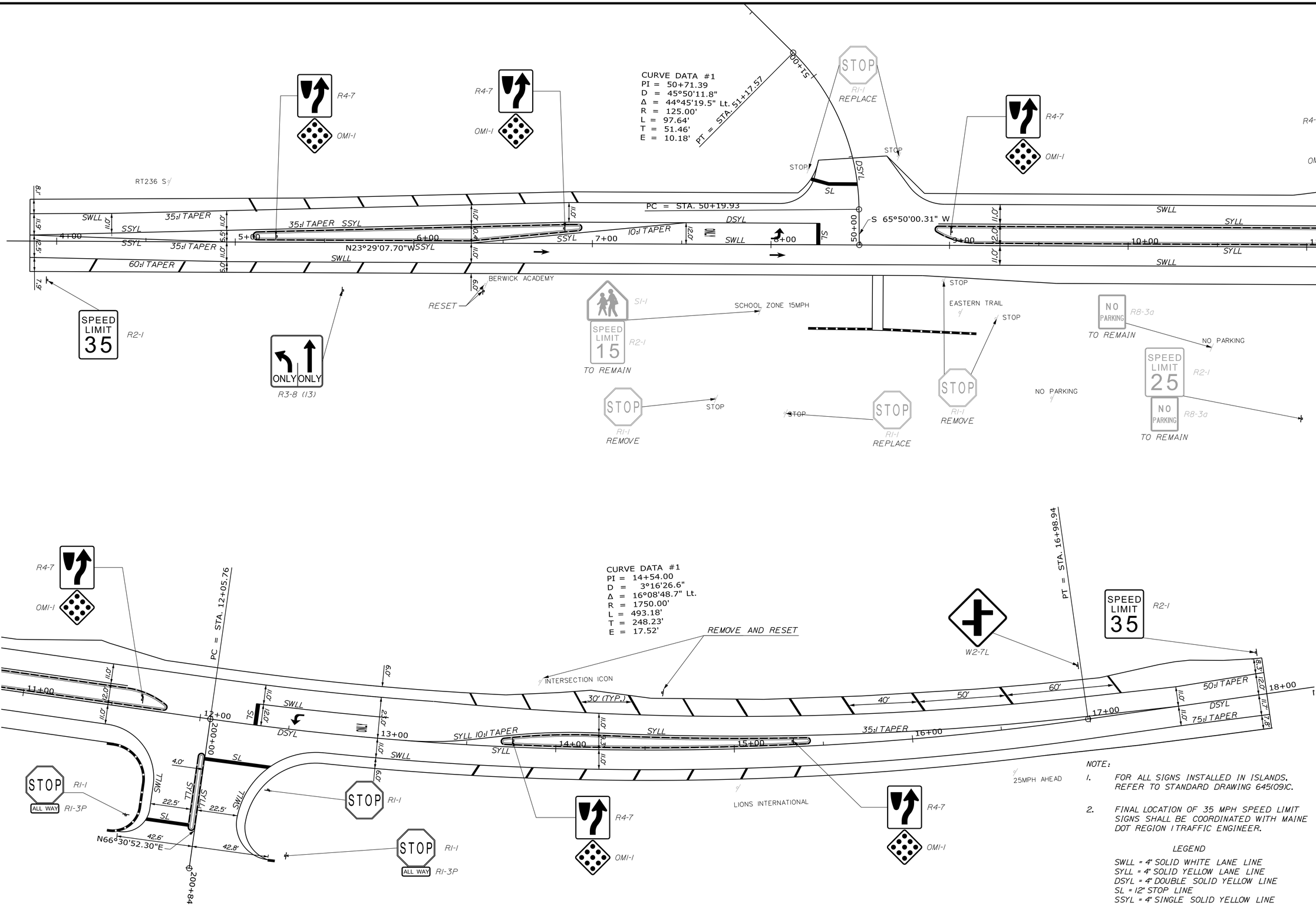

NOTE:

1. FOR ALL SIGNS INSTALLED IN ISLANDS, REFER TO STANDARD DRAWING 645(09)C.
2. FINAL LOCATION OF 35 MPH SPEED LIMIT SIGNS SHALL BE COORDINATED WITH MAINE DOT REGION 1 TRAFFIC ENGINEER.

LEGEND

SWLL = 4" SOLID WHITE LANE LINE
SYLL = 4" SOLID YELLOW LANE LINE
DSYL = 4" DOUBLE SOLID YELLOW LINE
SL = 12" STOP LINE
SSYL = 4" SINGLE SOLID YELLOW LINE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	LCG	DAD	12/2015
CHECKED-REVIEWED	JLF	-	-
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
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SIGN & PAVEMENT MARKING

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13
OF 37

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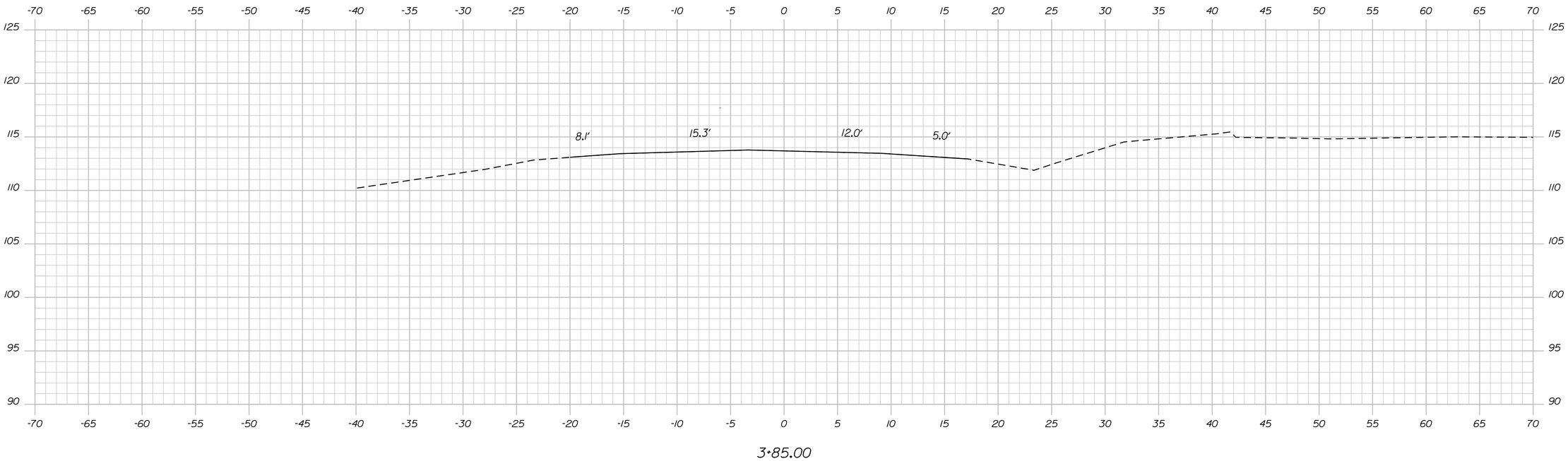


Date:12/21/2015

Username:

Division: HIGHWAY

Filename: ...\ustn\Highway\014_XS.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER		
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
S. BERWICK RTE 236 YORK

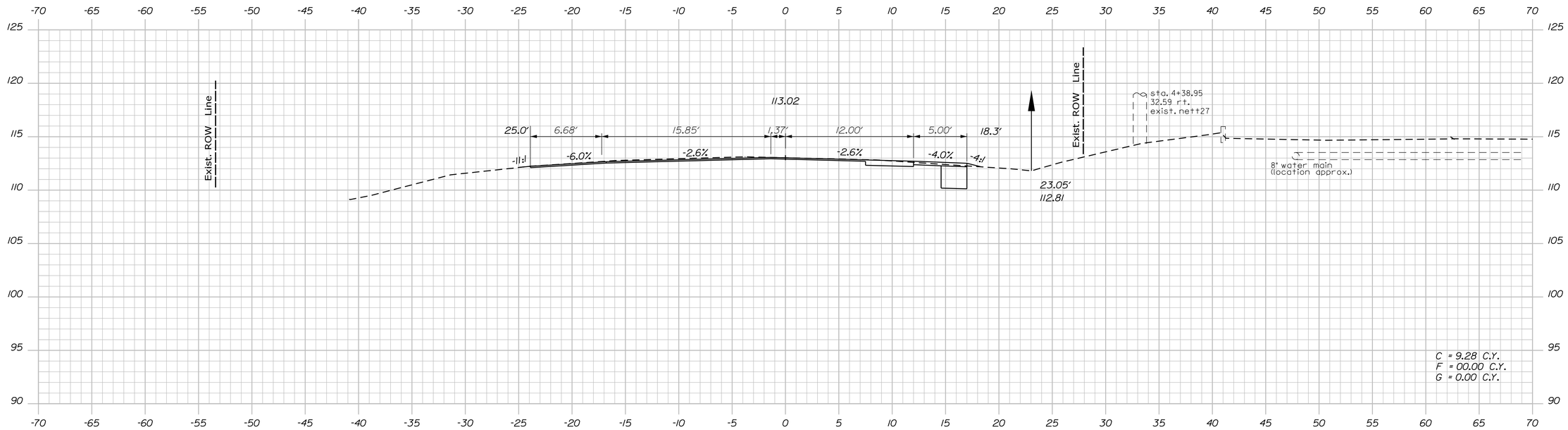
CROSS SECTIONS

SHEET NUMBER

14

OF 37

3+85.00



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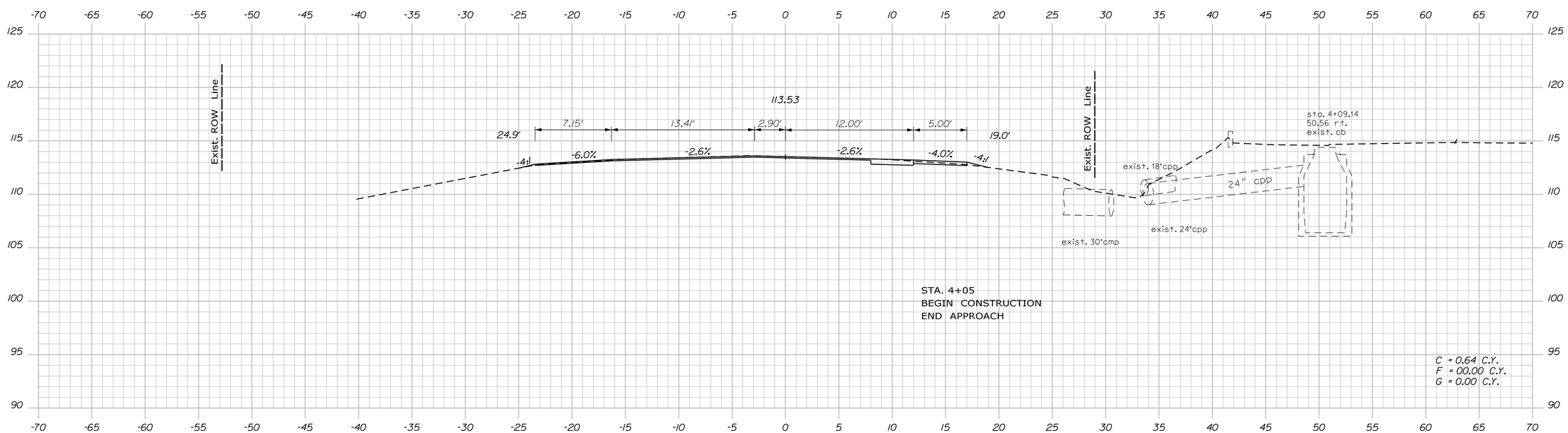


4+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER		
DESIGN-DETAILED	JLF		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

	BY	DATE
	DAD	12-2015

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

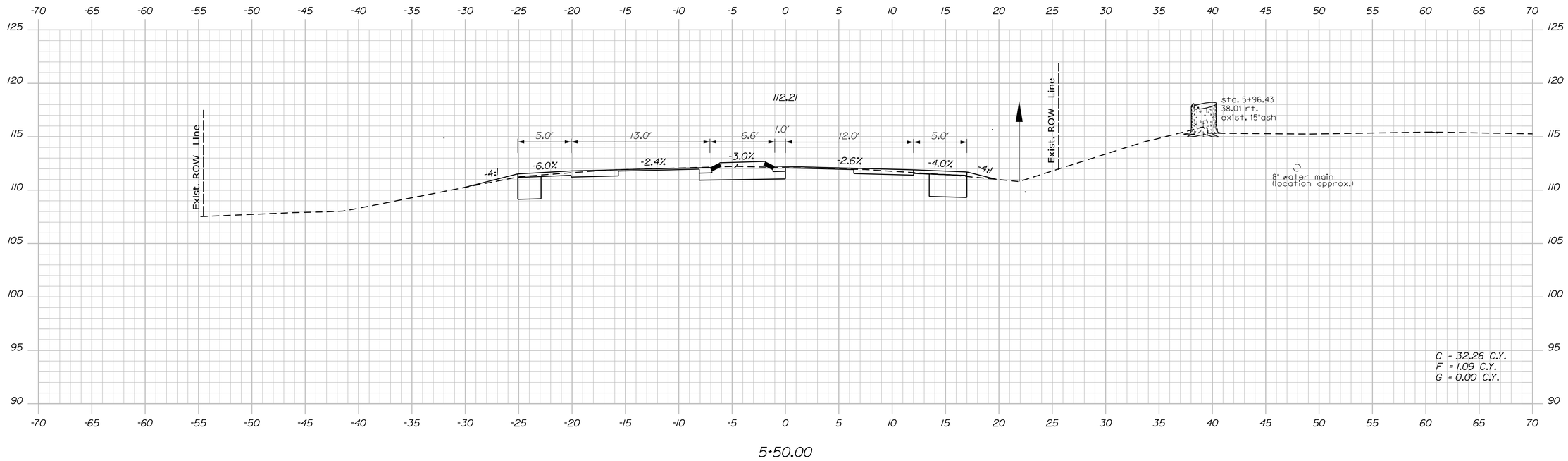
SHEET NUMBER

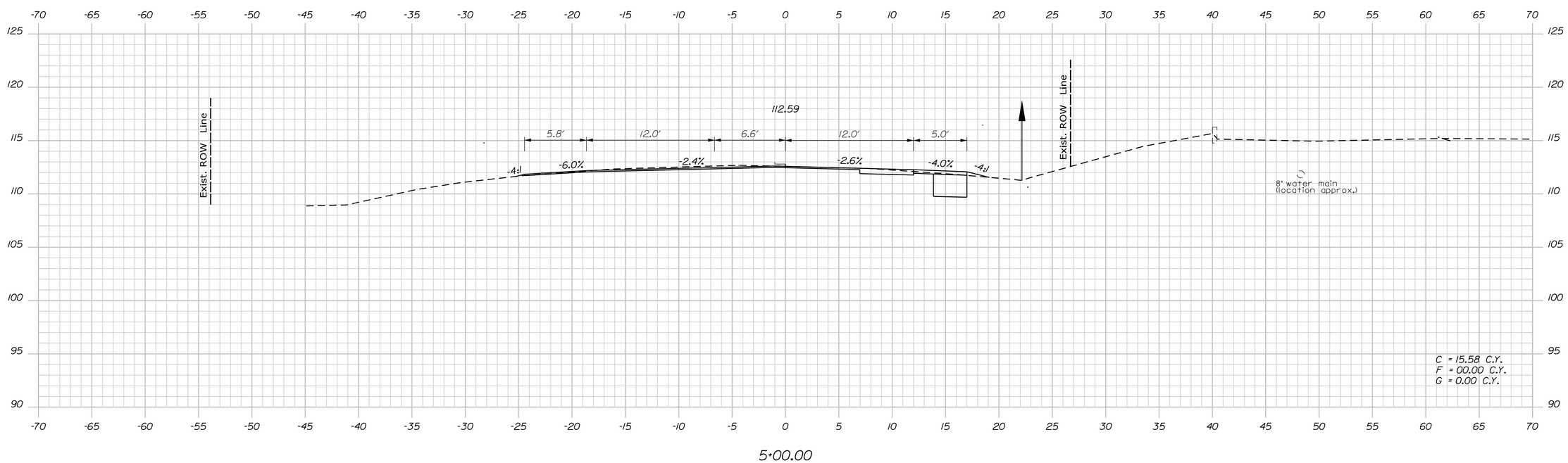
15

OF 37

Sta. 4+00.00 to Sta. 4+50.00

Filename: ...\ustn\Highway\015_XS.dgn Division: HIGHWAY Username: Date:12/21/2015





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

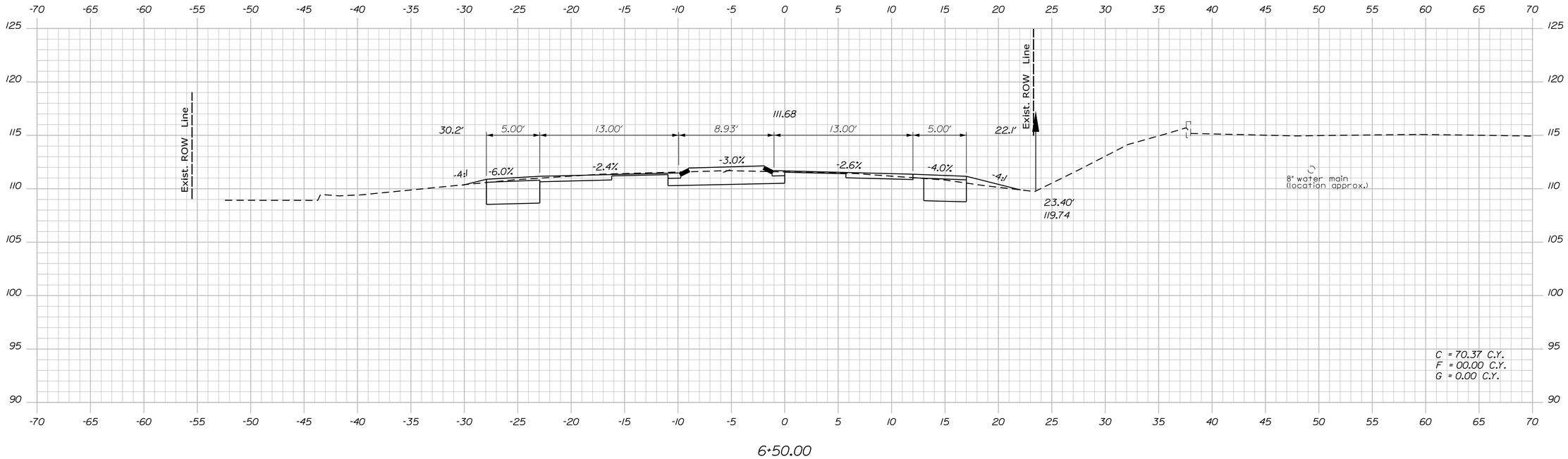
S. BERWICK
S. BERWICK RTE 236 YORK

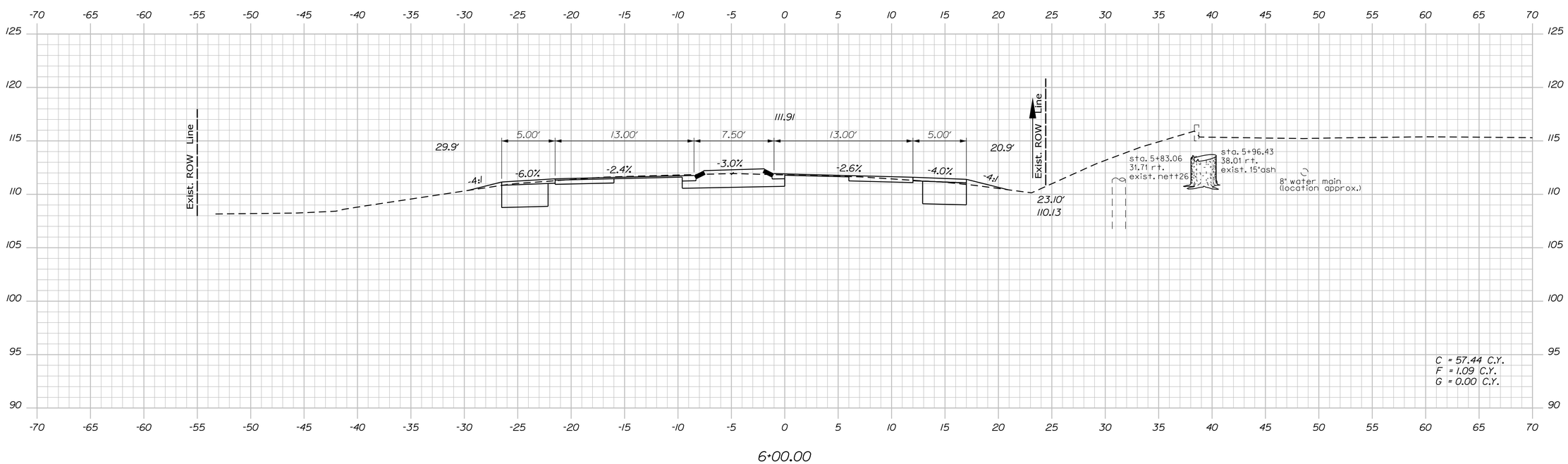
CROSS SECTIONS

SHEET NUMBER
16
OF 37

Sta. 5+00.00 to Sta. 5+50.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\016_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

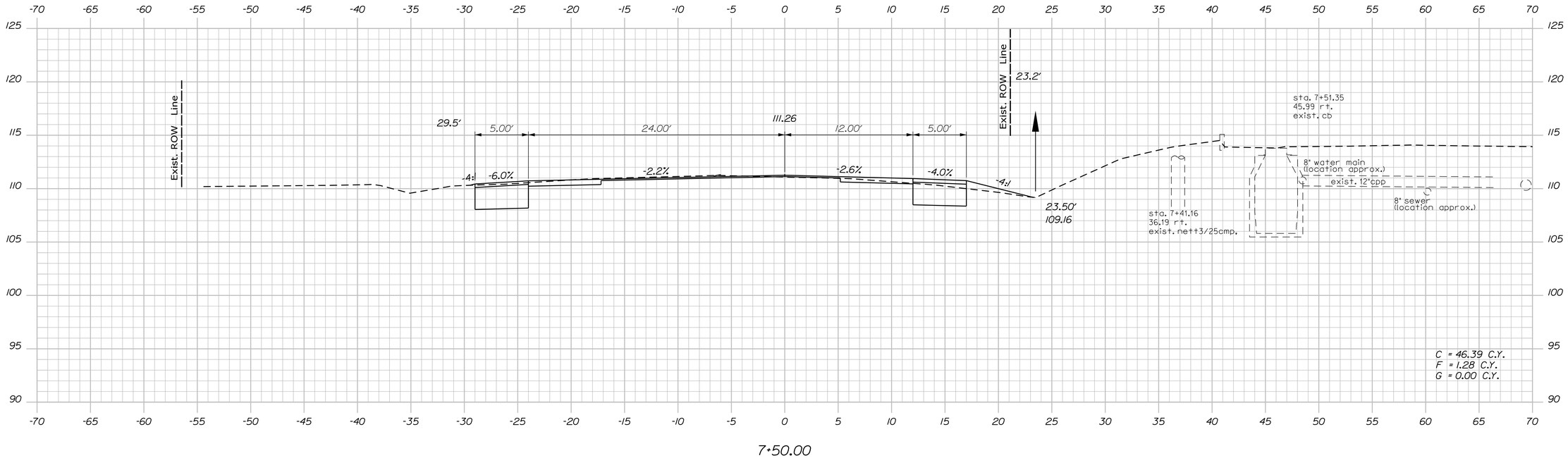
S. BERWICK
S. BERWICK RTE 236 YORK

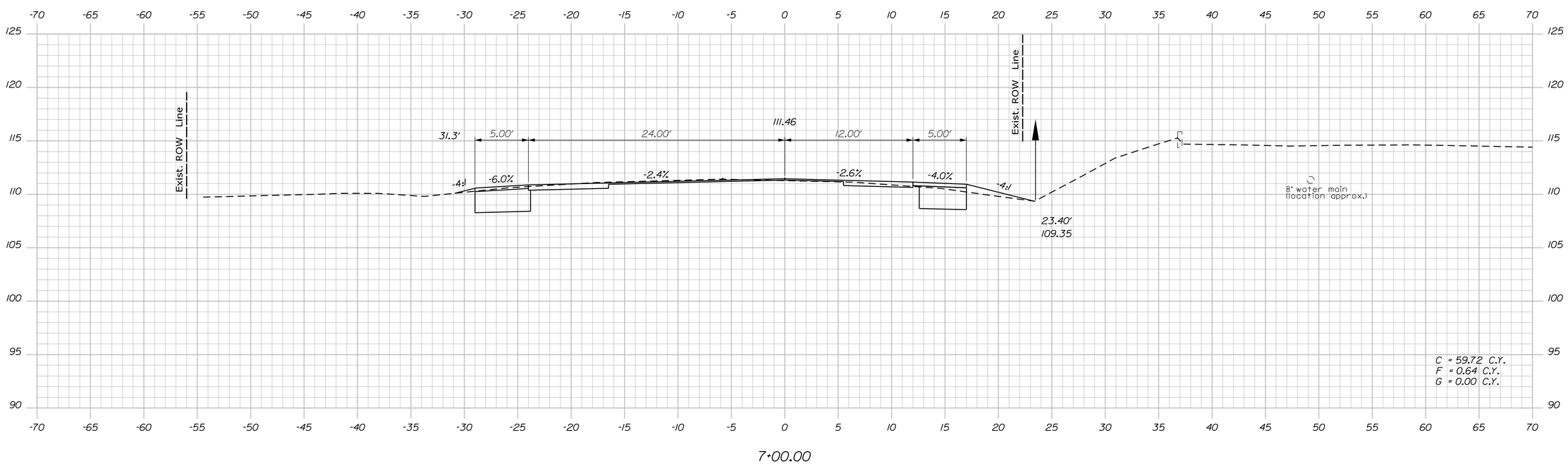
CROSS SECTIONS

SHEET NUMBER
17
OF 37

Sta. 6+00.00 to Sta. 6+50.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\017_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

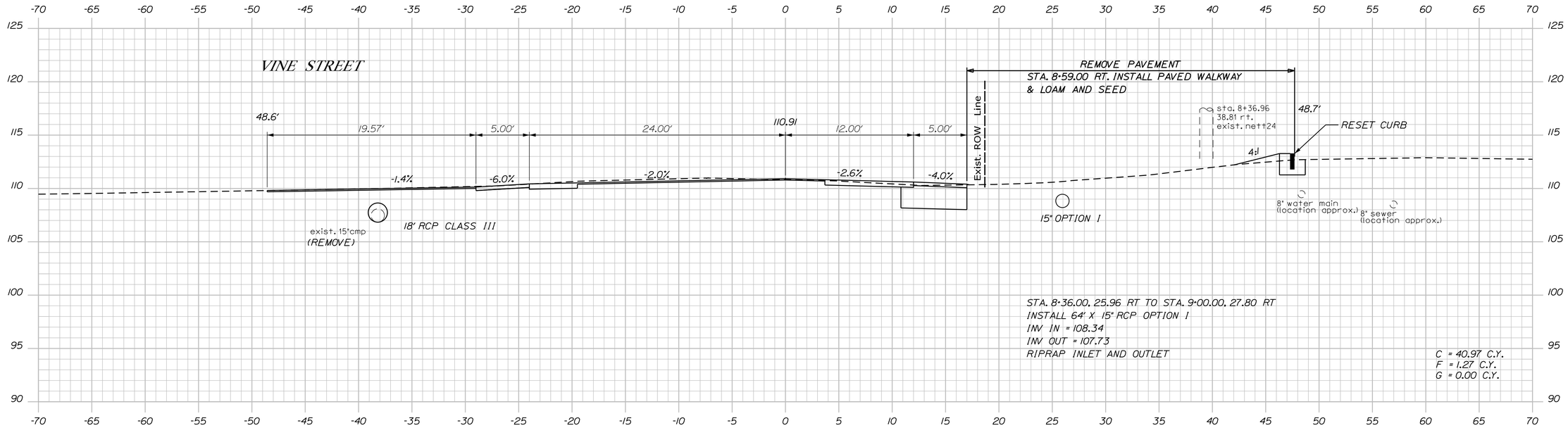
S. BERWICK
S. BERWICK RTE 236 YORK

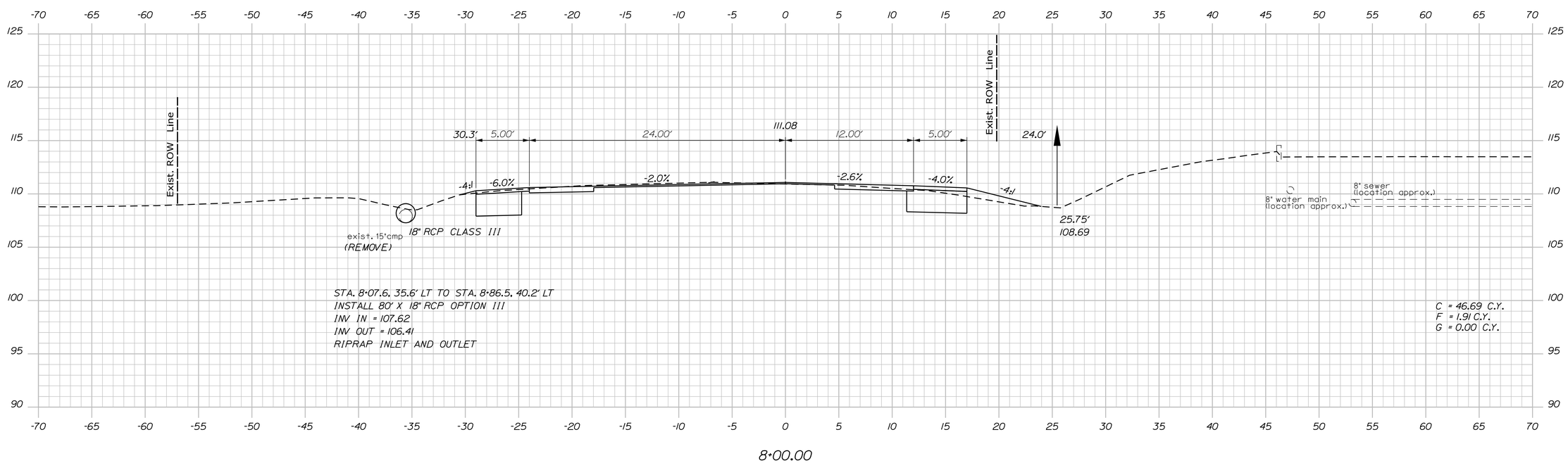
CROSS SECTIONS

SHEET NUMBER
18
OF 37

Sta. 7+00.00 to Sta. 7+50.00

Filename: ...\ustn\Highway\018_XS.dgn Division: HIGHWAY Username: Date:12/21/2015





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER		
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

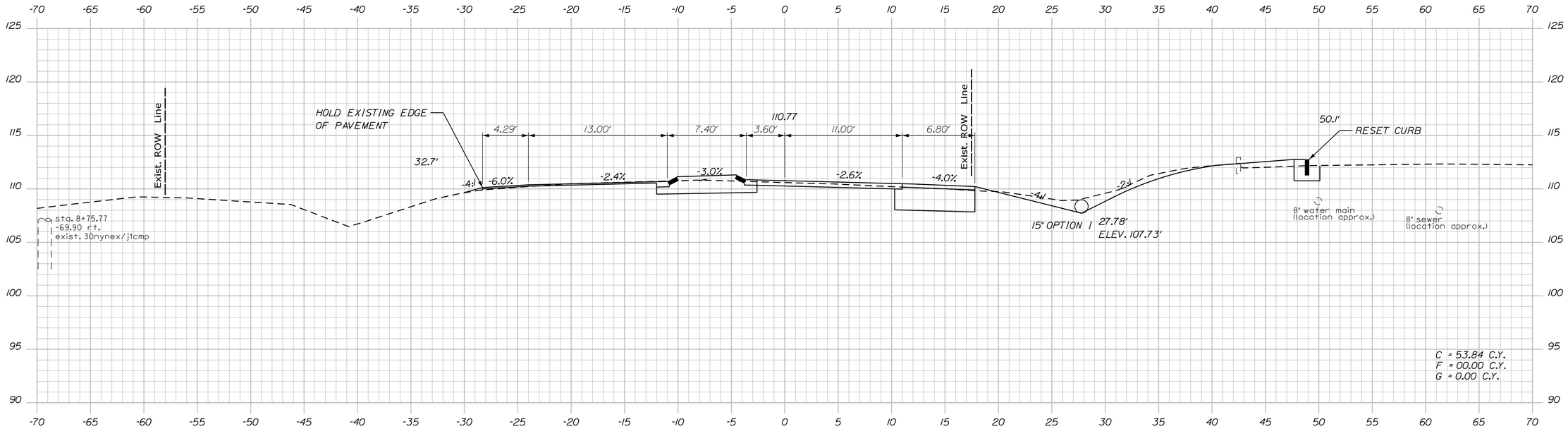
SHEET NUMBER

19

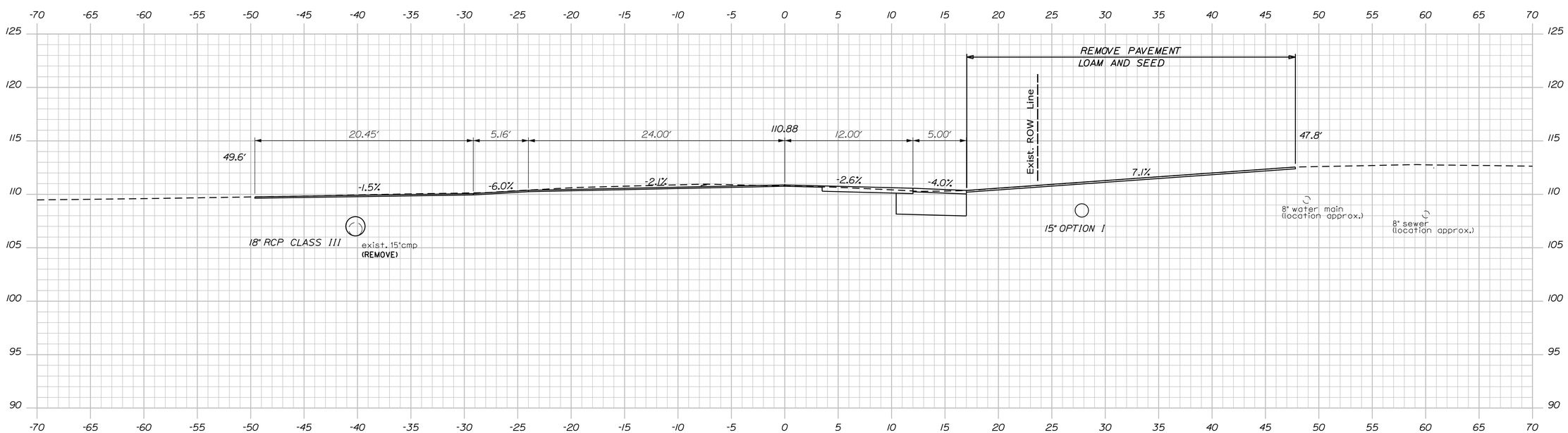
OF 37

Sta. 8+00.00 to Sta. 8+50.00

Filename: ...\ustn\Highway\019_XS.dgn Division: HIGHWAY Username: Date:12/21/2015



9+00.00



8+60.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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DATE

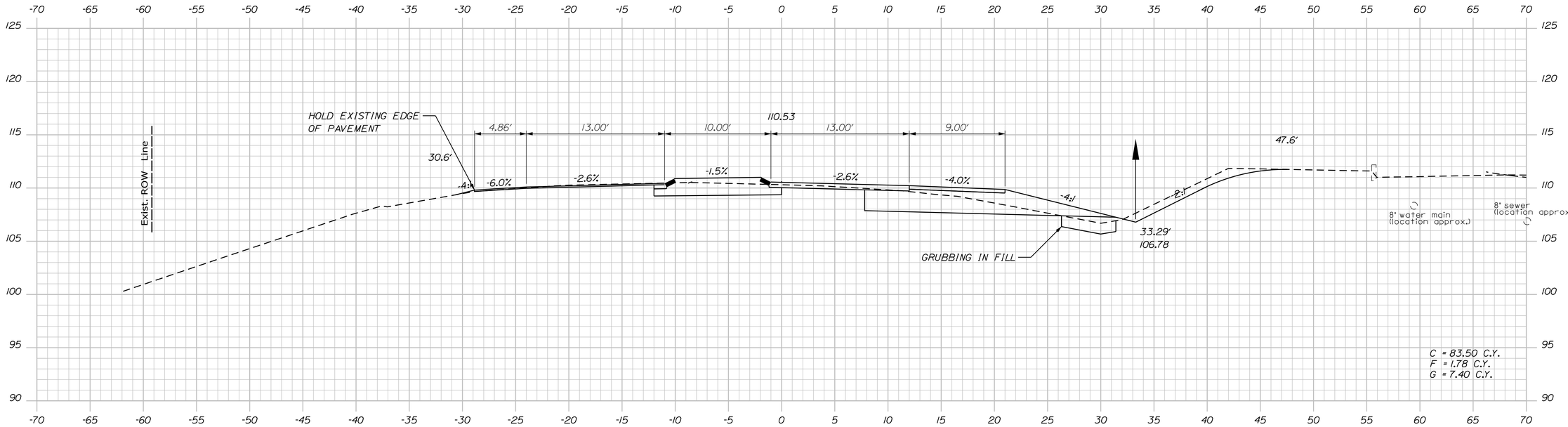
S. BERWICK
S. BERWICK RTE 236 YORK

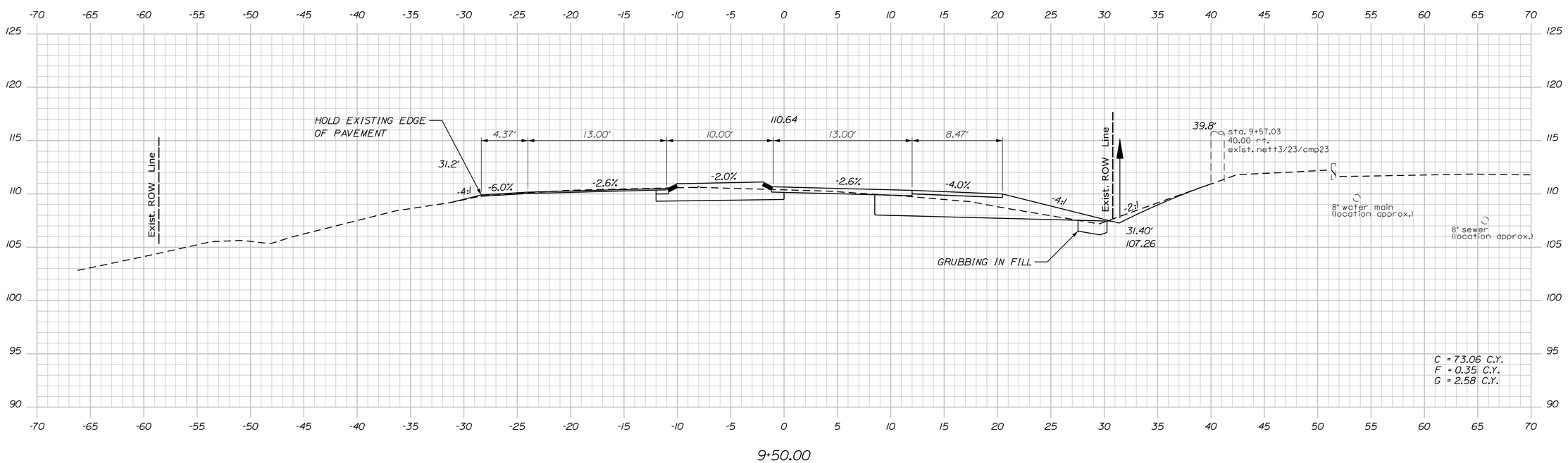
CROSS SECTIONS

SHEET NUMBER
20
OF 37

Sta. 8+85.76 to Sta. 9+00.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\020_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

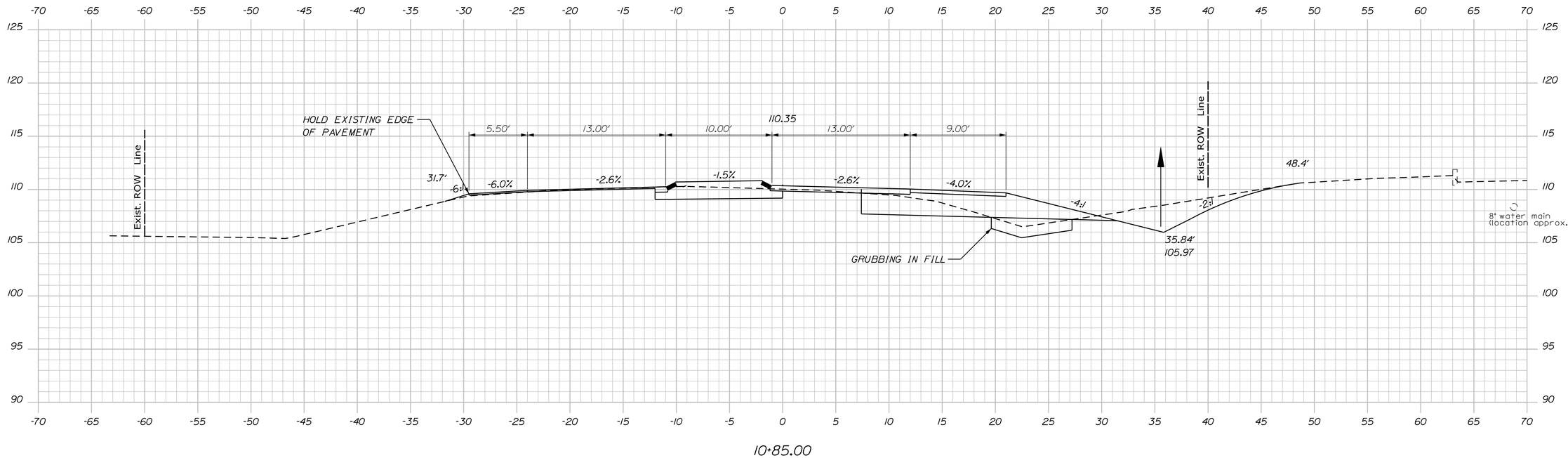
S. BERWICK
S. BERWICK RTE 236 YORK

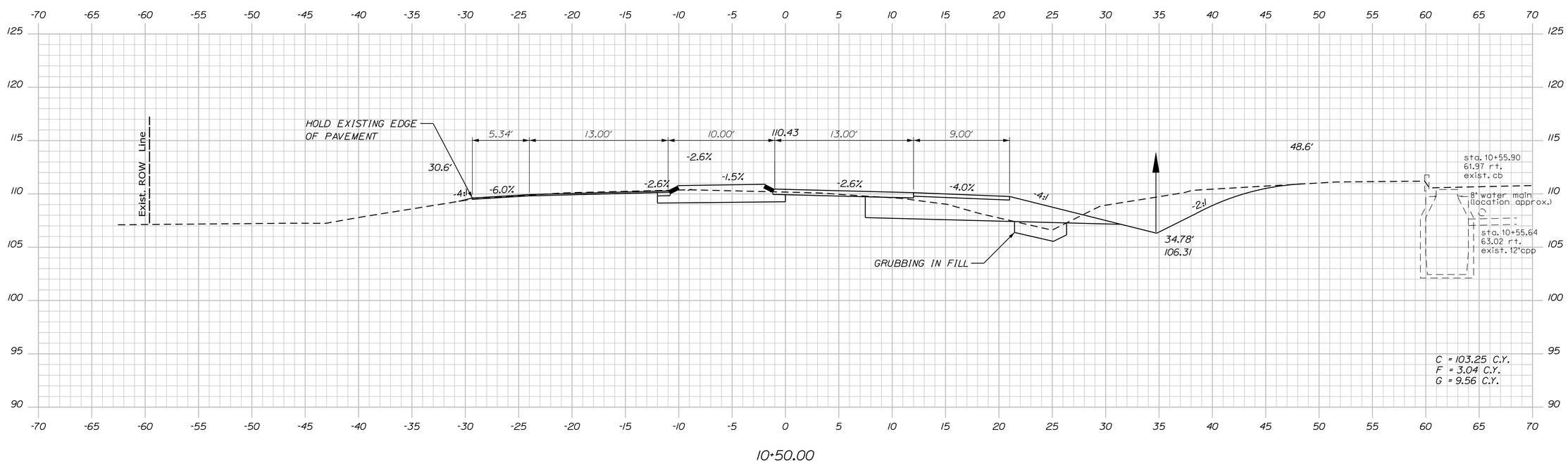
CROSS SECTIONS

SHEET NUMBER
21
OF 37

Sta. 9+50.00 to Sta. 10+00.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\021_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER		
DESIGN-DETAILED	JLF	BY	DATE
CHECKED-REVIEWED		DAD	12-2015
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

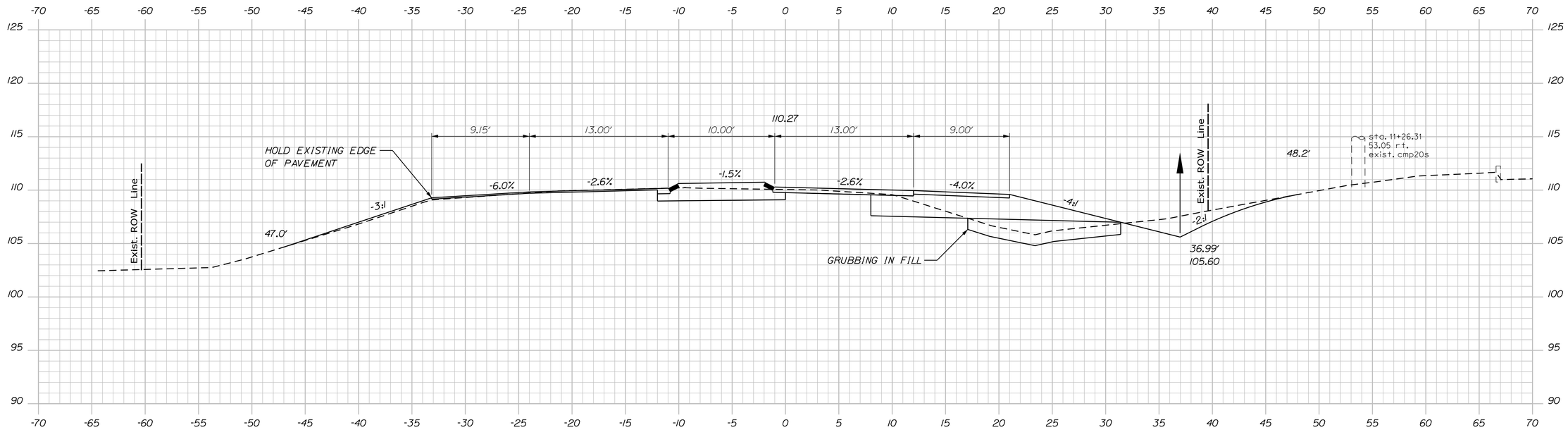
S. BERWICK
S. BERWICK RTE 236
YORK

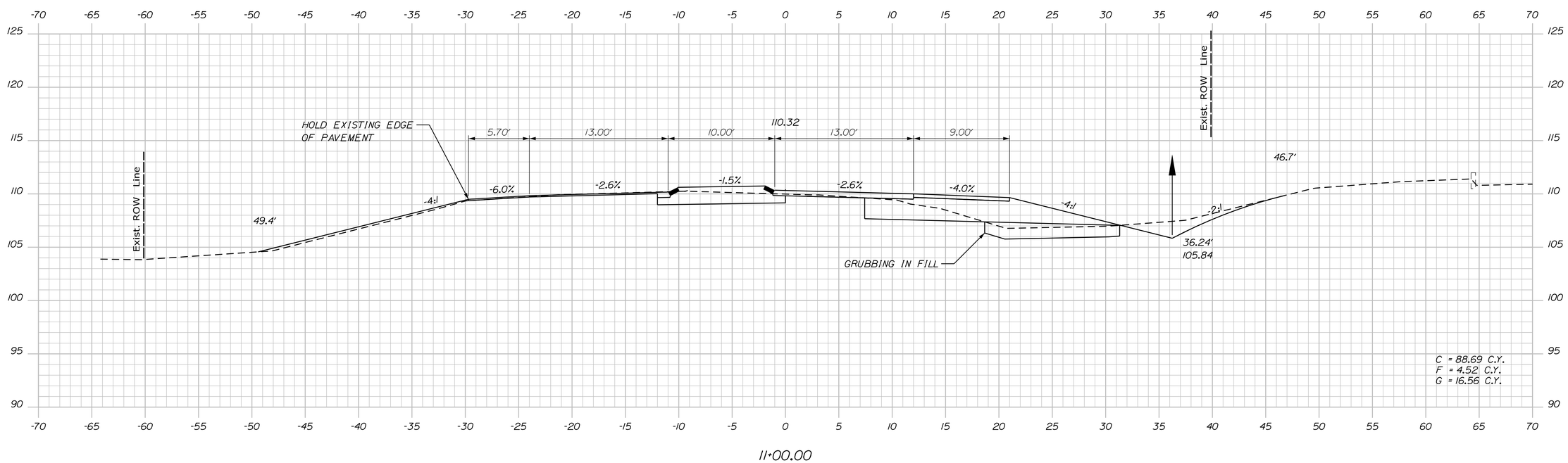
CROSS SECTIONS

SHEET NUMBER
22
OF 37

Sta. 10+50.00 to Sta. 10+85.76

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\022_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

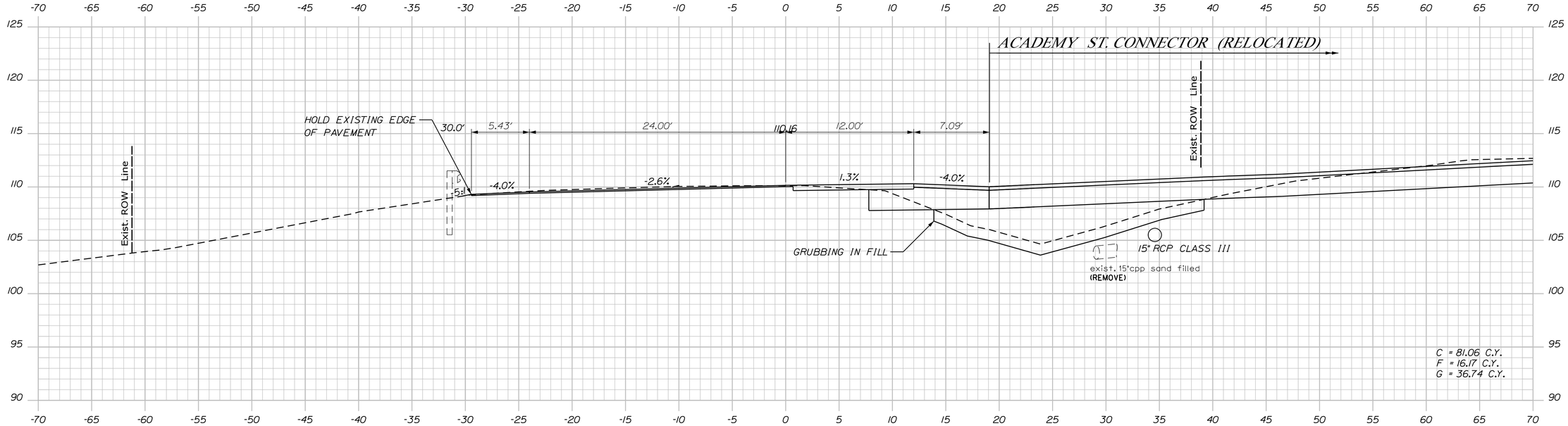
S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

SHEET NUMBER
23
OF 37

Sta. 11+00.00 to Sta. 11+25.76

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\023_XS.dgn



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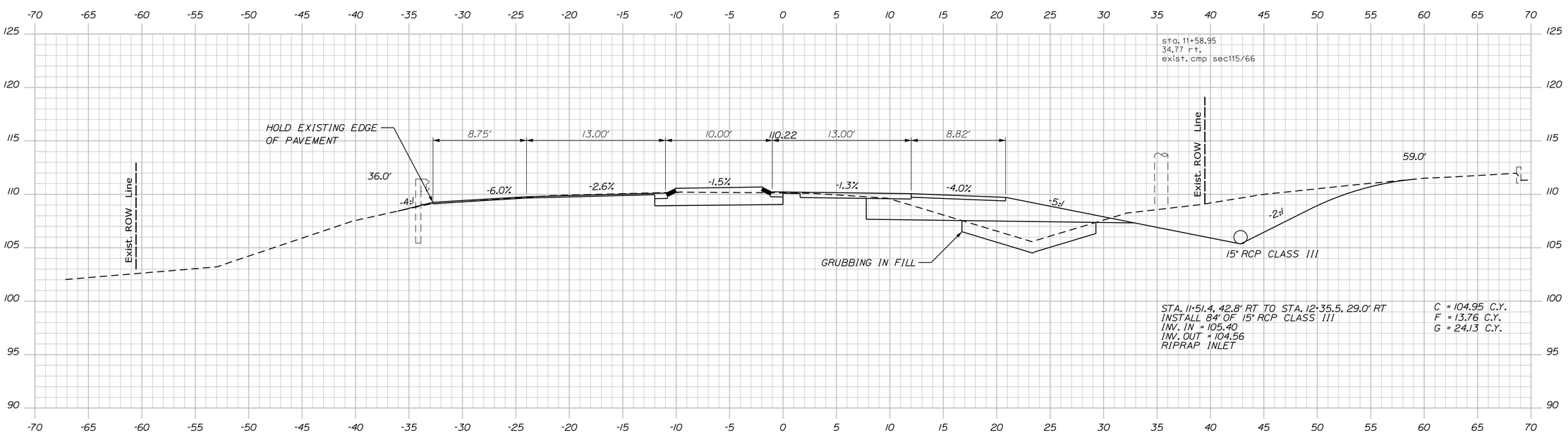

11+50.00

Sta. 11+50.00 to Sta. 12+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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P.E. NUMBER

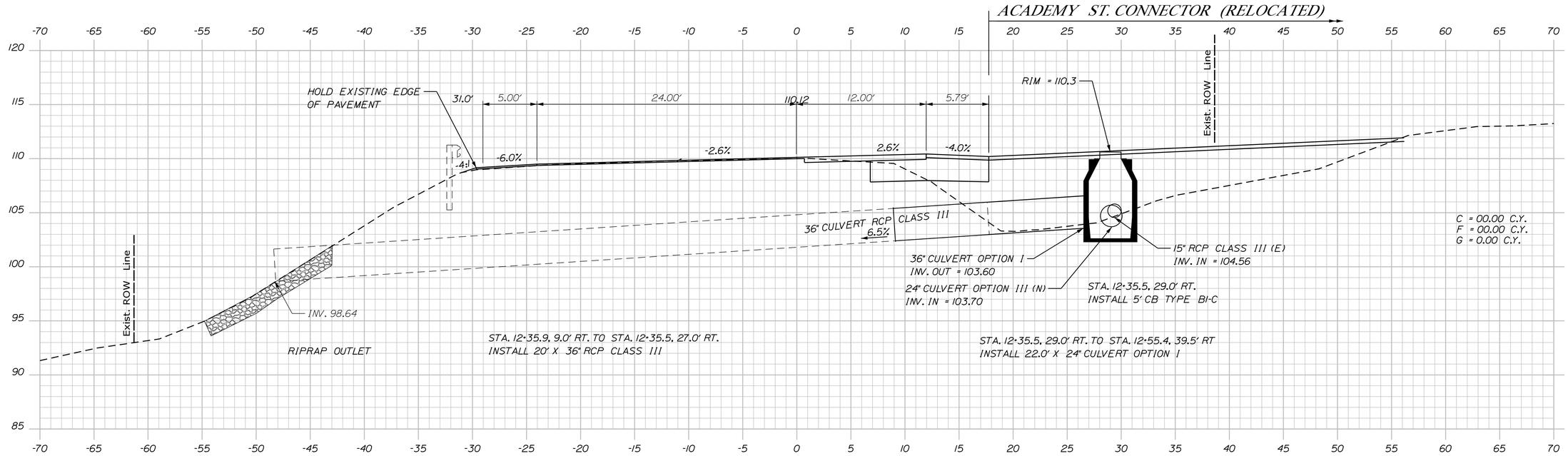
DATE

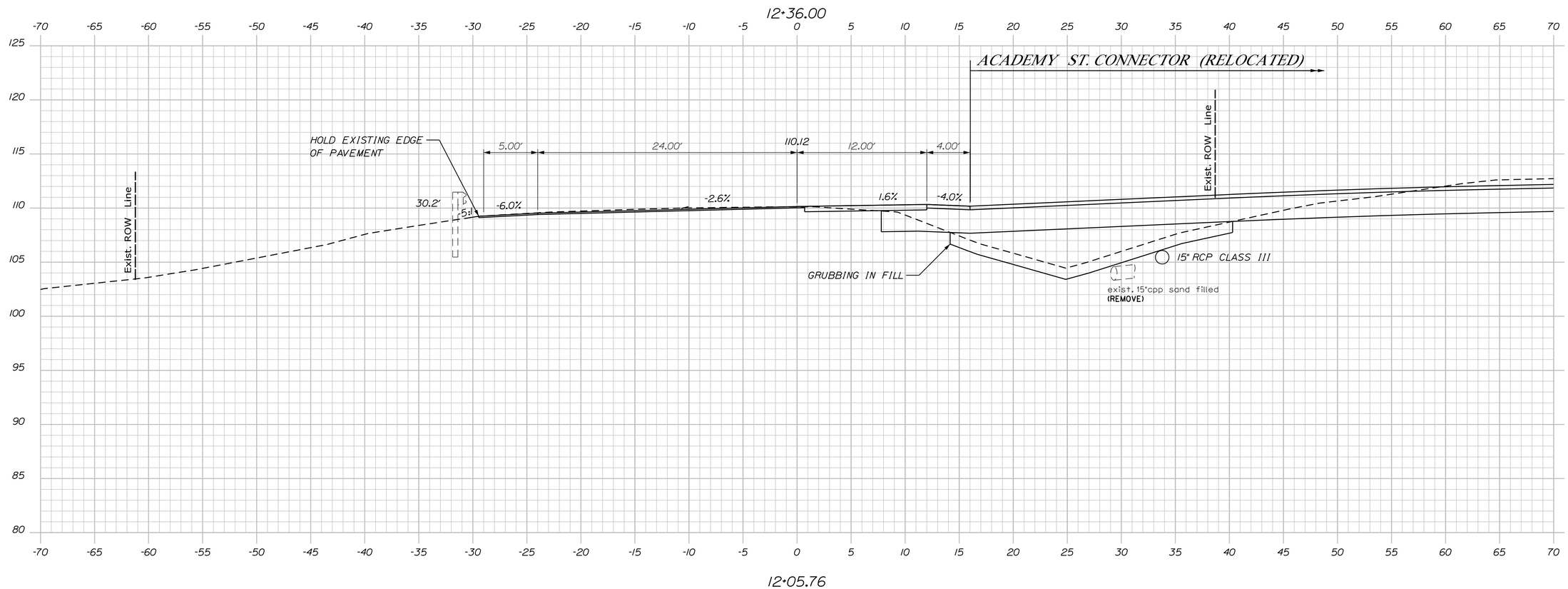
S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

SHEET NUMBER
24
OF 37

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\024_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

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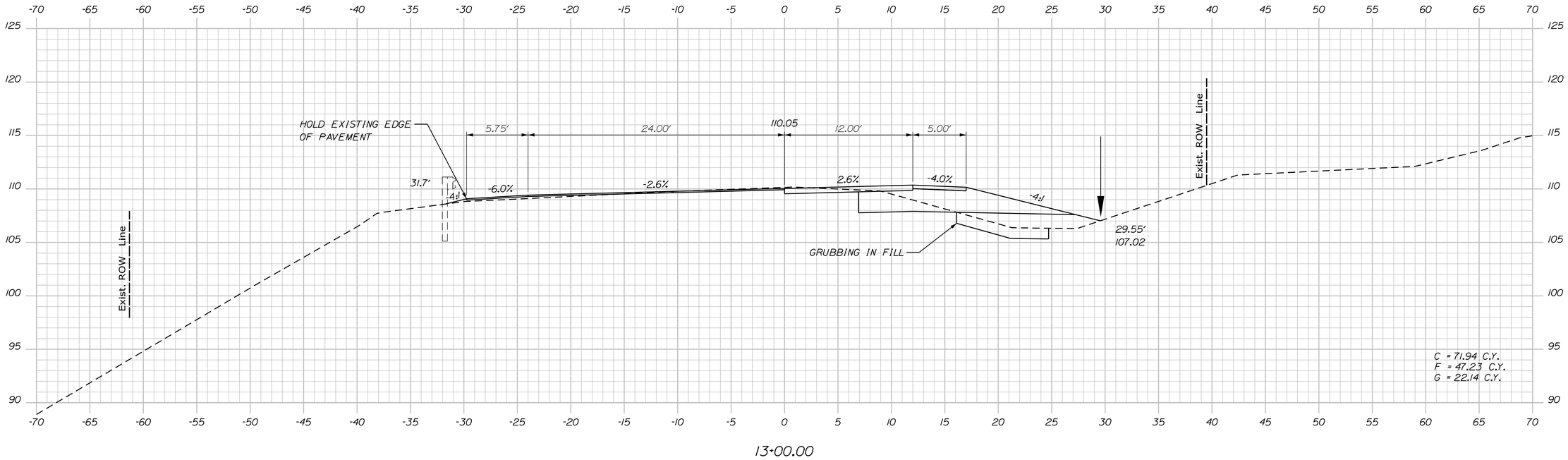
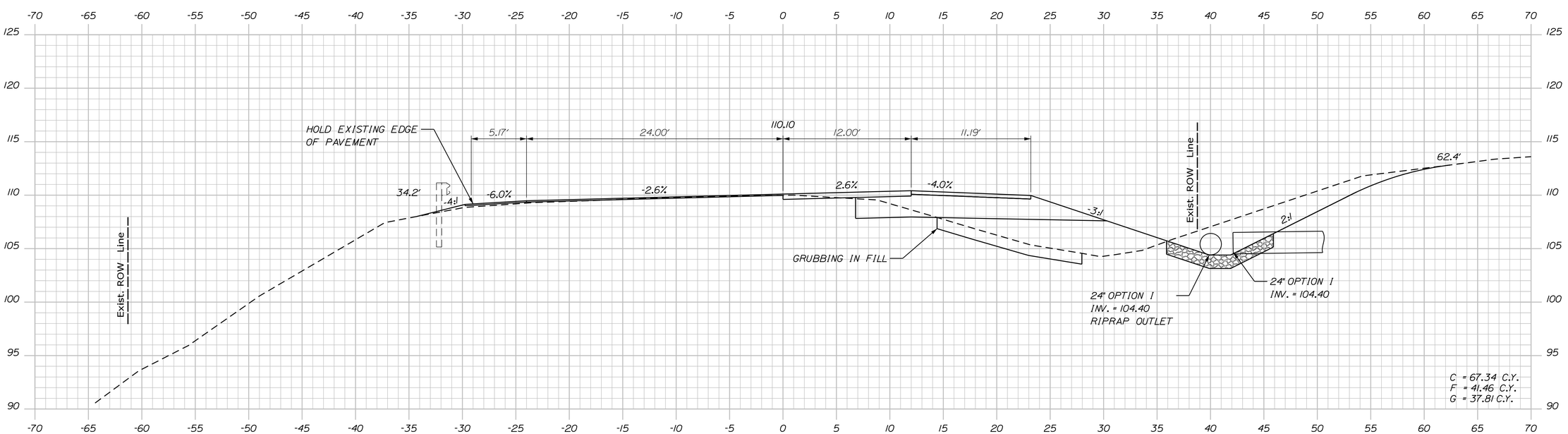
25
OF 37

Sta. 12+05.76 to Sta. 12+36.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\025_XS.dgn



13+00.00



12+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

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

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S. BERWICK
RTE 236
YORK

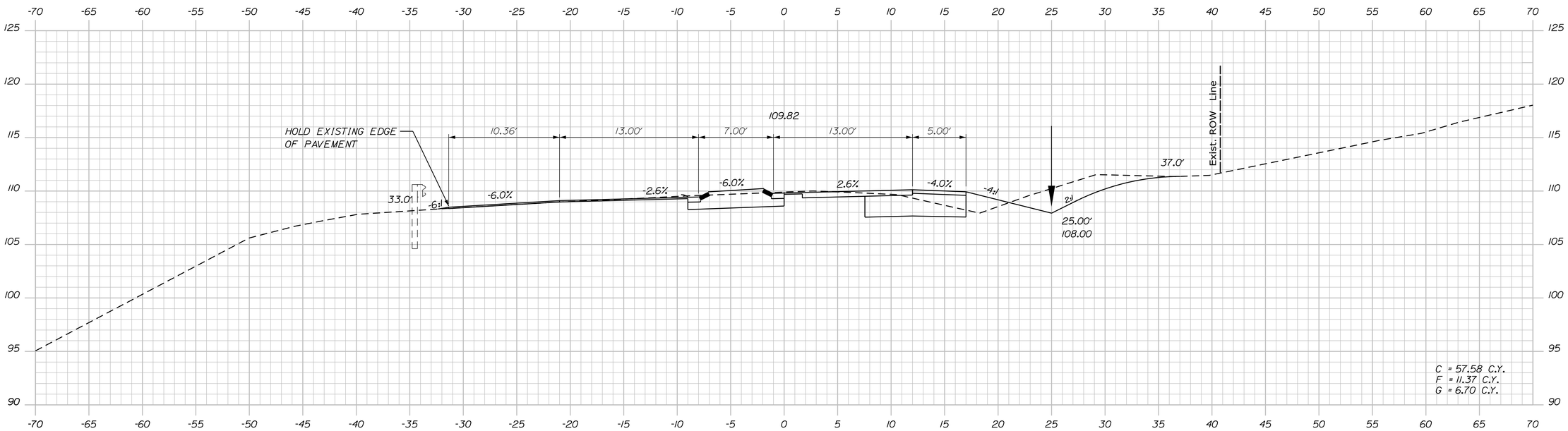
S. BERWICK

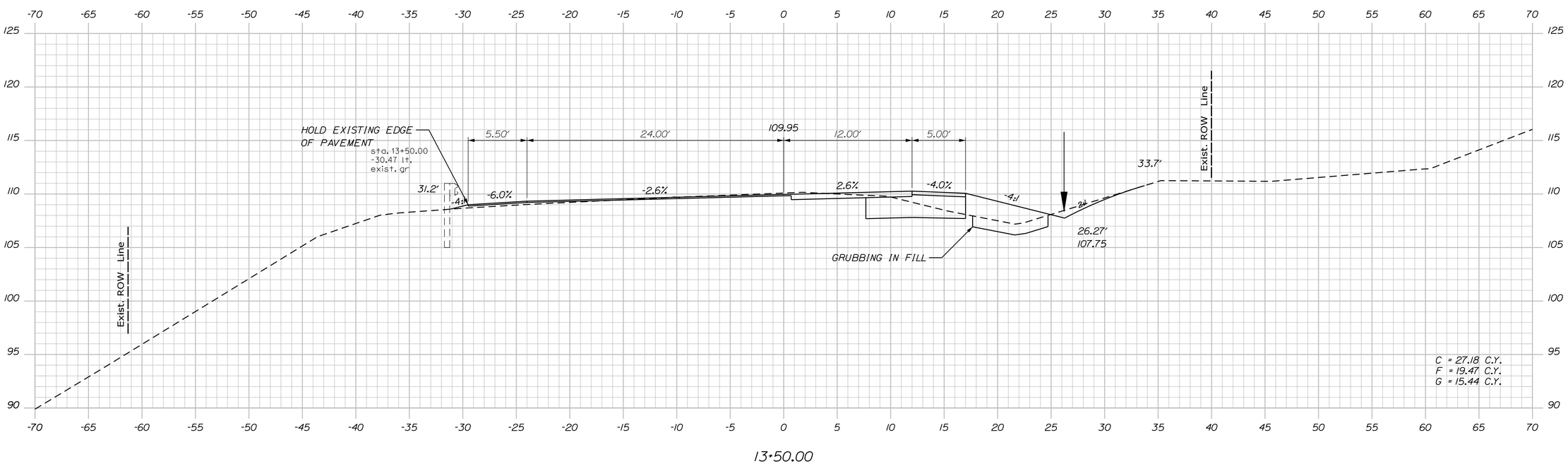
CROSS SECTIONS

SHEET NUMBER
26
OF 37

Sta. 12+50.00 to Sta. 13+00.00

Filename: ...\ustn\Highway\026_XS.dgn Division: HIGHWAY Username: Date:12/21/2015





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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DATE

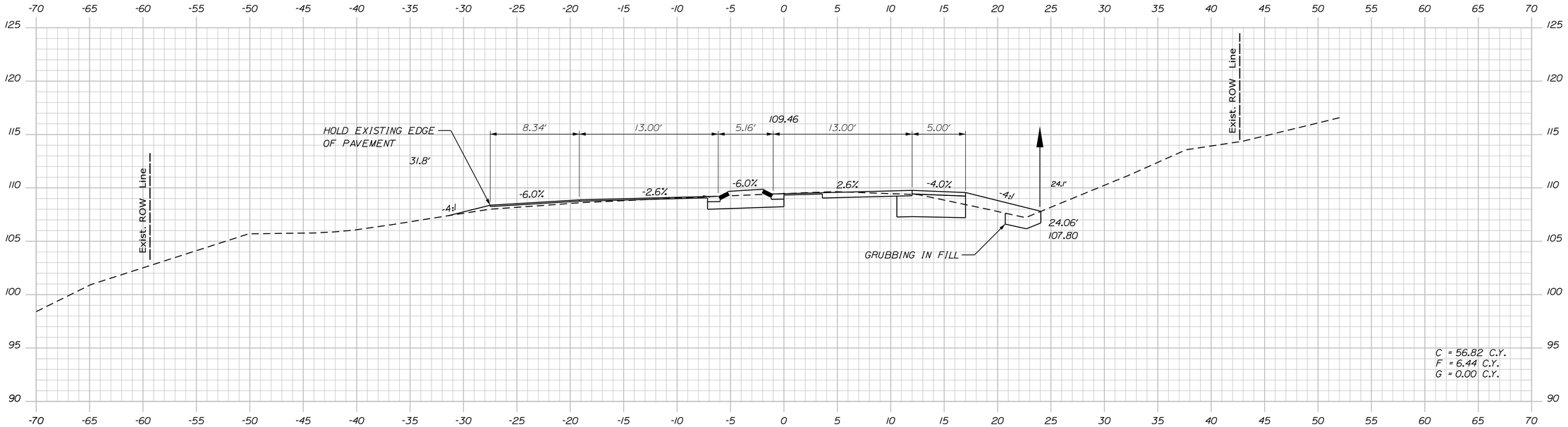
S. BERWICK
S. BERWICK RTE 236
YORK

CROSS SECTIONS

SHEET NUMBER
27
OF 37

Sta. 13+50.00 to Sta. 14+00.00

Date:12/21/2015
Username:
Division: HIGHWAY
Filename: ...\ustn\Highway\027_XS.dgn



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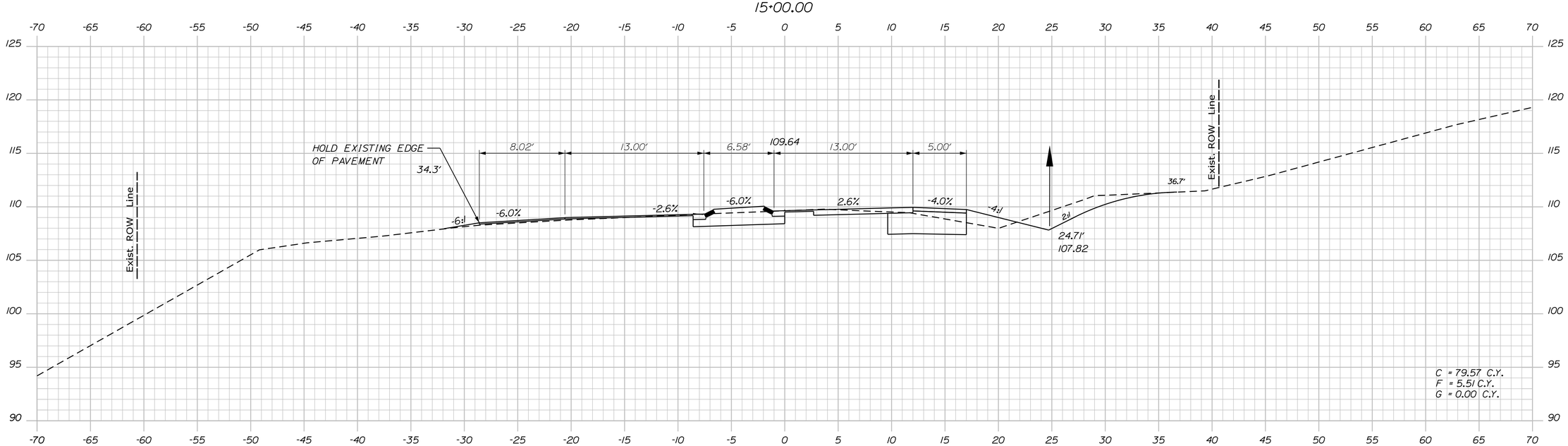

14+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
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FIELD CHANGES			

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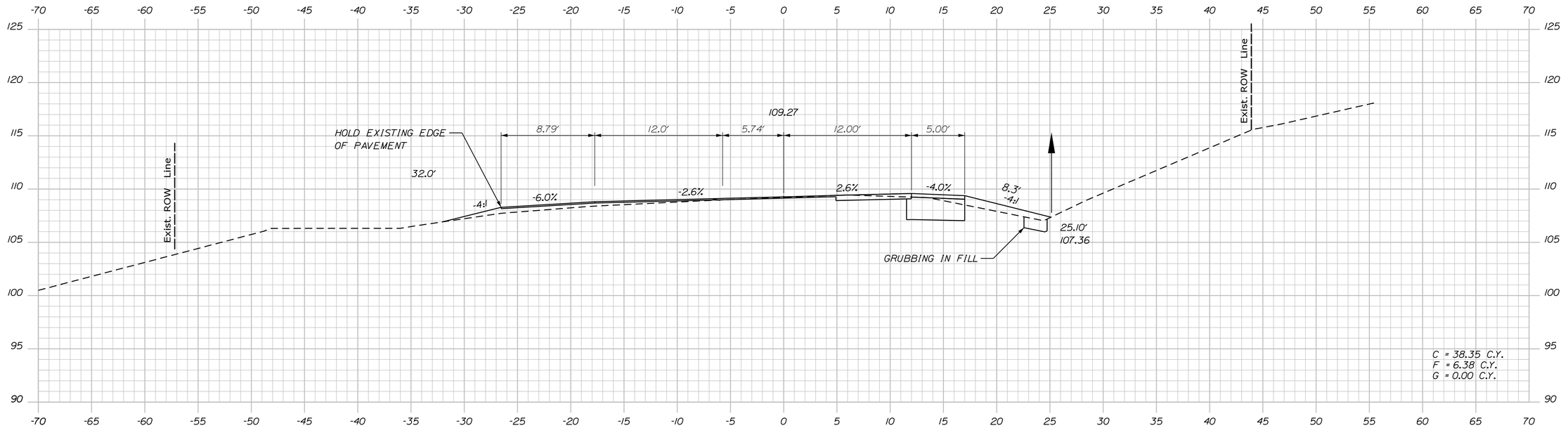
S. BERWICK RTE 236 YORK

CROSS SECTIONS

SHEET NUMBER
28
OF 37

Sta. 14+50.00 to Sta. 15+00.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\028_XS.dgn



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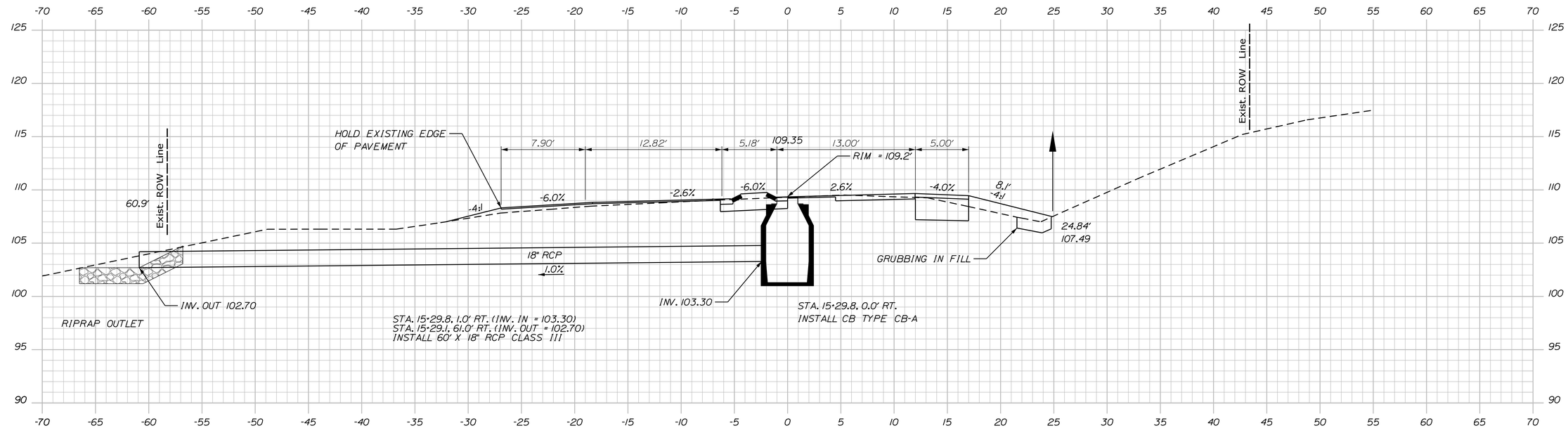


15+30.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

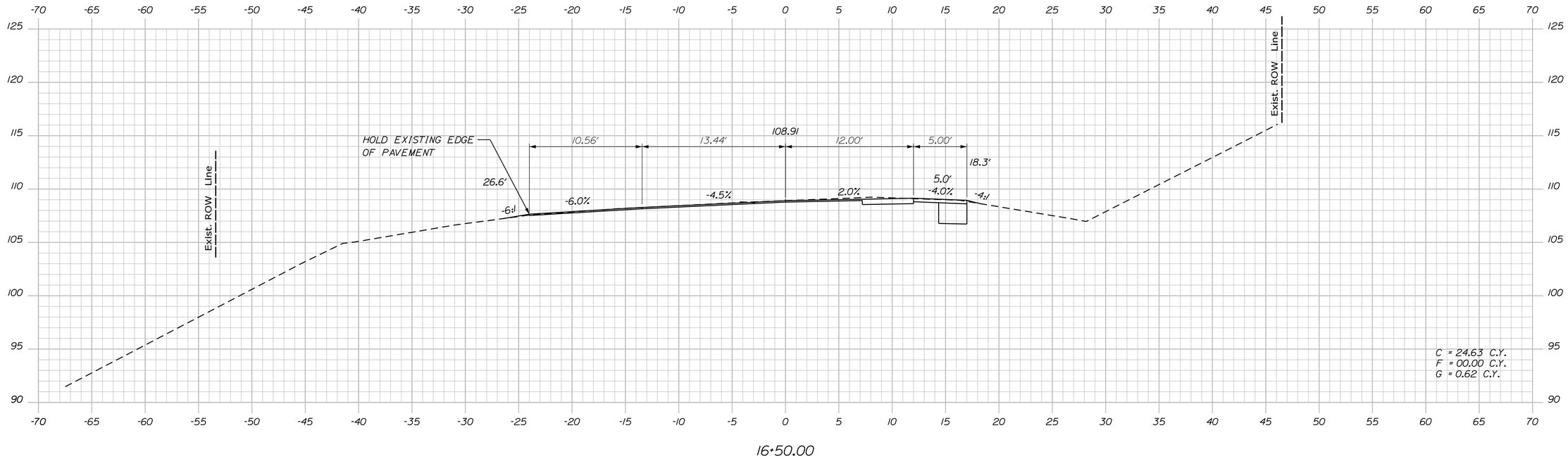
S. BERWICK
RTE 236
S. BERWICK
YORK

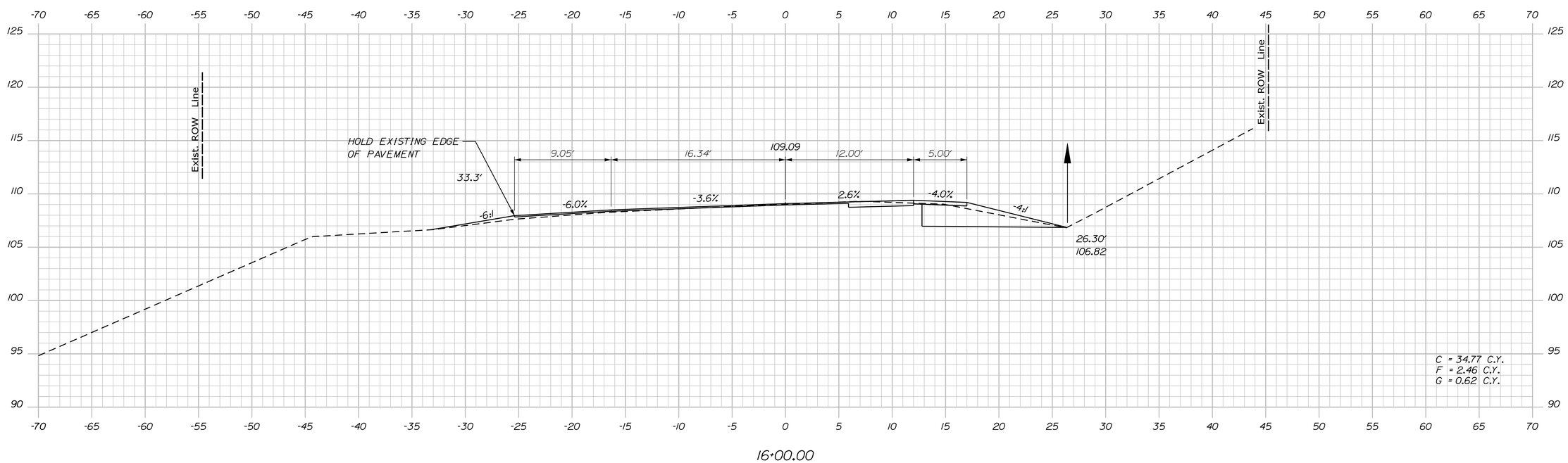
CROSS SECTIONS

SHEET NUMBER
29
OF 37

Sta. 15+30.00 to Sta. 15+50.00

Date:12/21/2015
Username:
Division: HIGHWAY
Filename: ...\ustn\Highway\029_XS.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

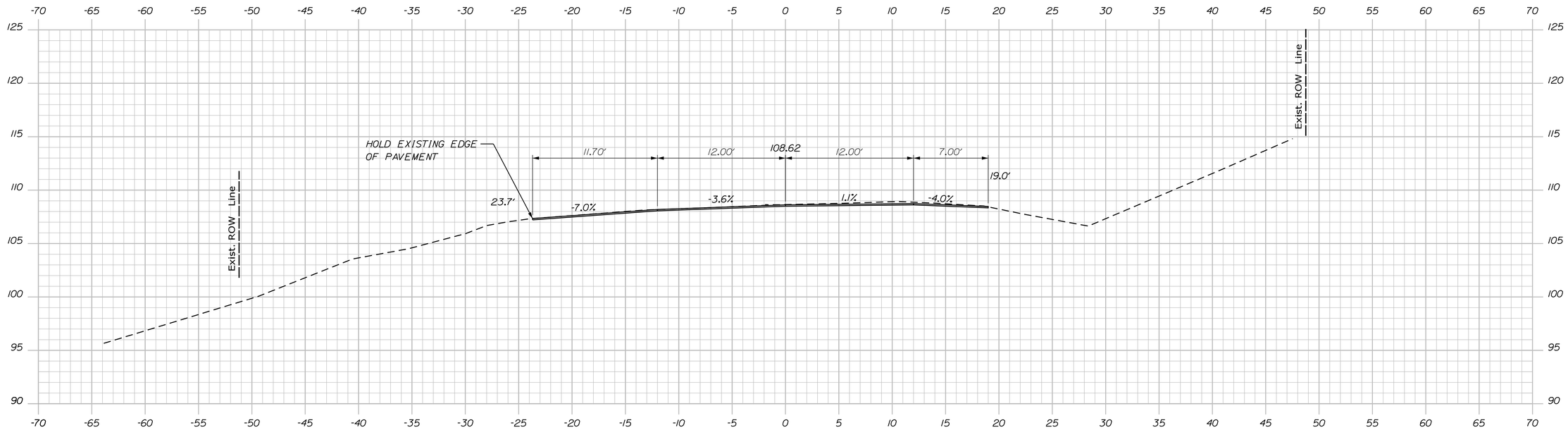
S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

SHEET NUMBER
30
OF 37

Sta. 16+00.00 to Sta. 16+50.00

Date:12/21/2015 Username: Division: HIGHWAY Filename: ...\ustn\Highway\030_XS.dgn



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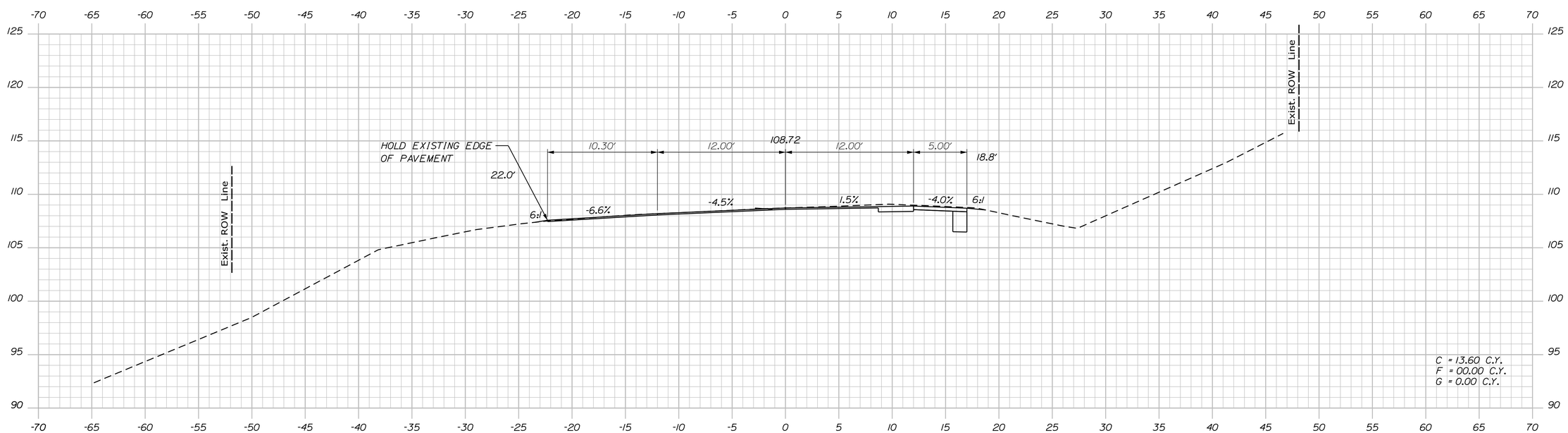


17+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

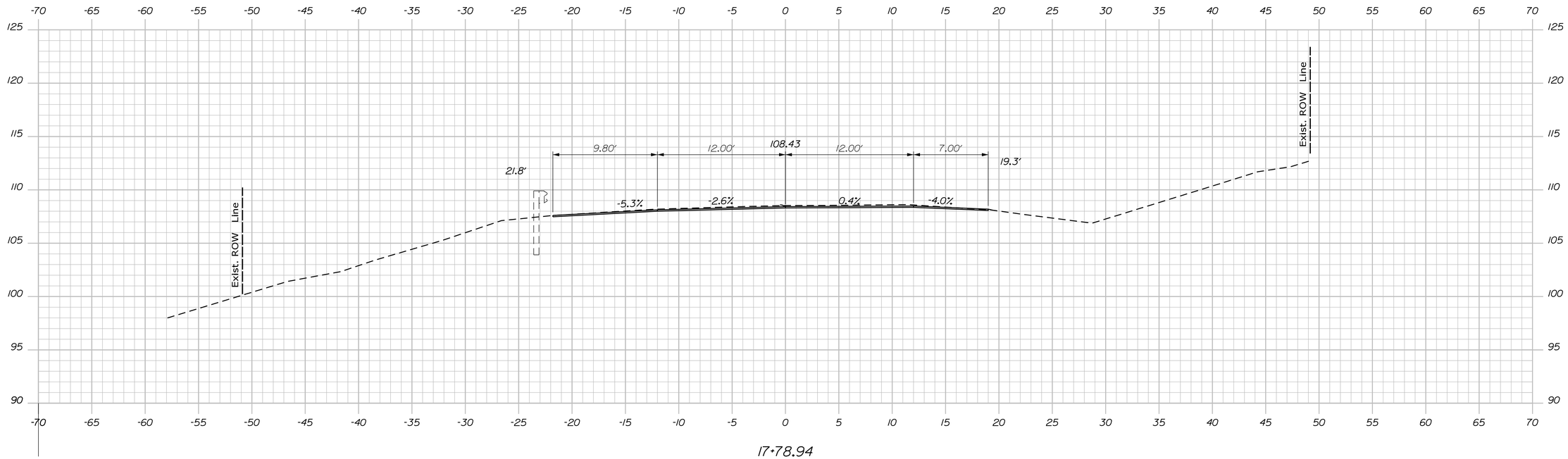
S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

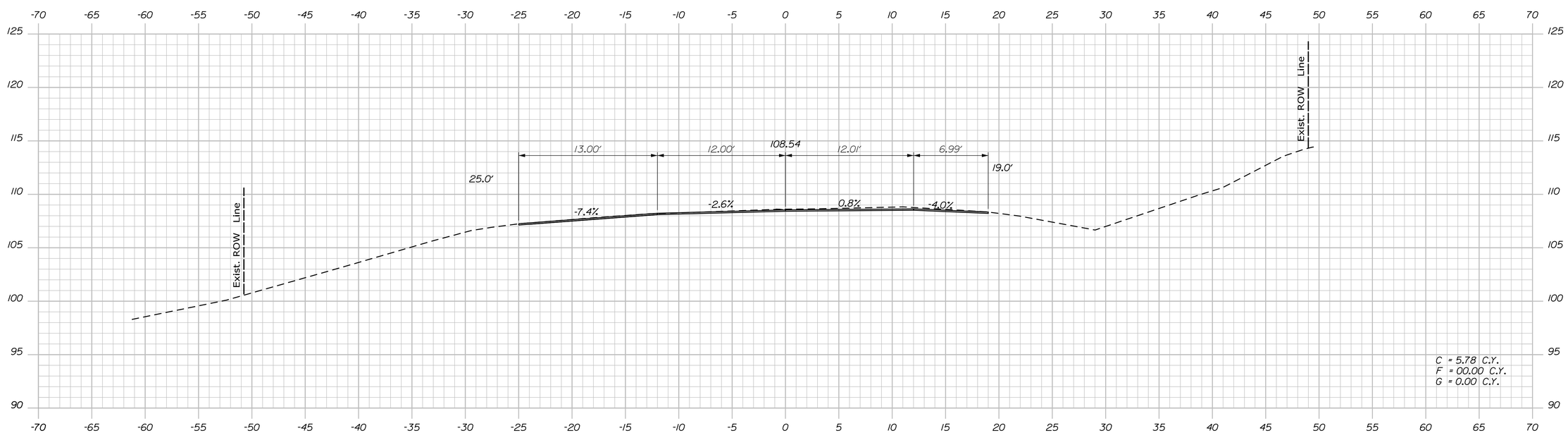
SHEET NUMBER
31
OF 37

Sta. 17+00.00 to Sta. 17+28.94

Filename: ...\ustn\Highway\031_XS.dgn Division: HIGHWAY Username: Date:12/21/2015



17+78.94



17+50.00

Sta. 17+50.00 to Sta. 17+78.94

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

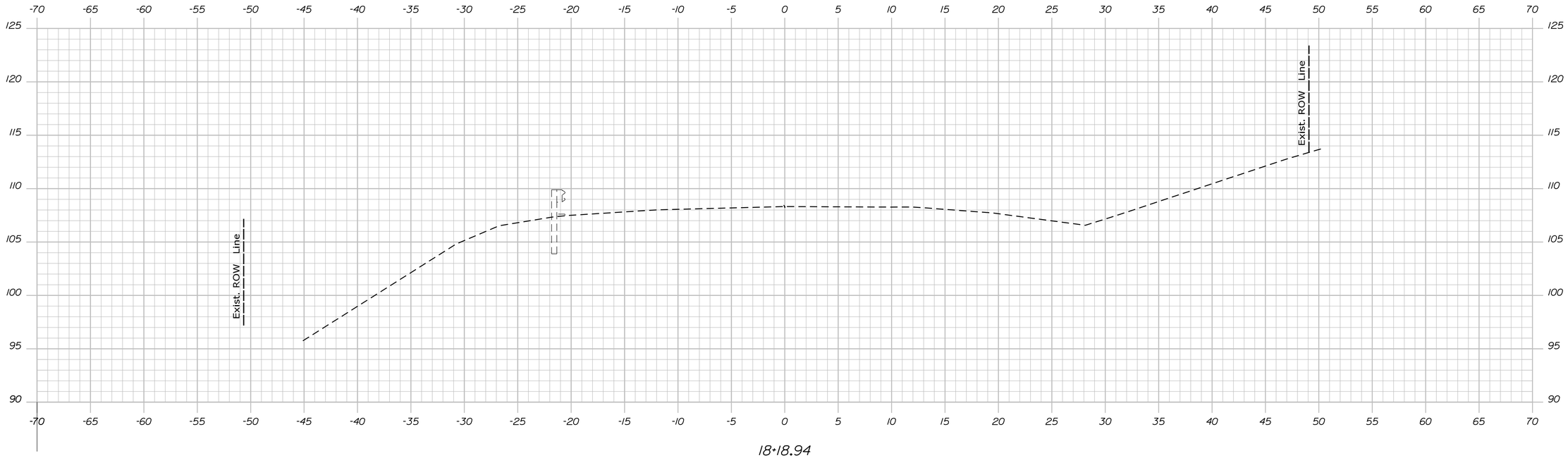
DATE

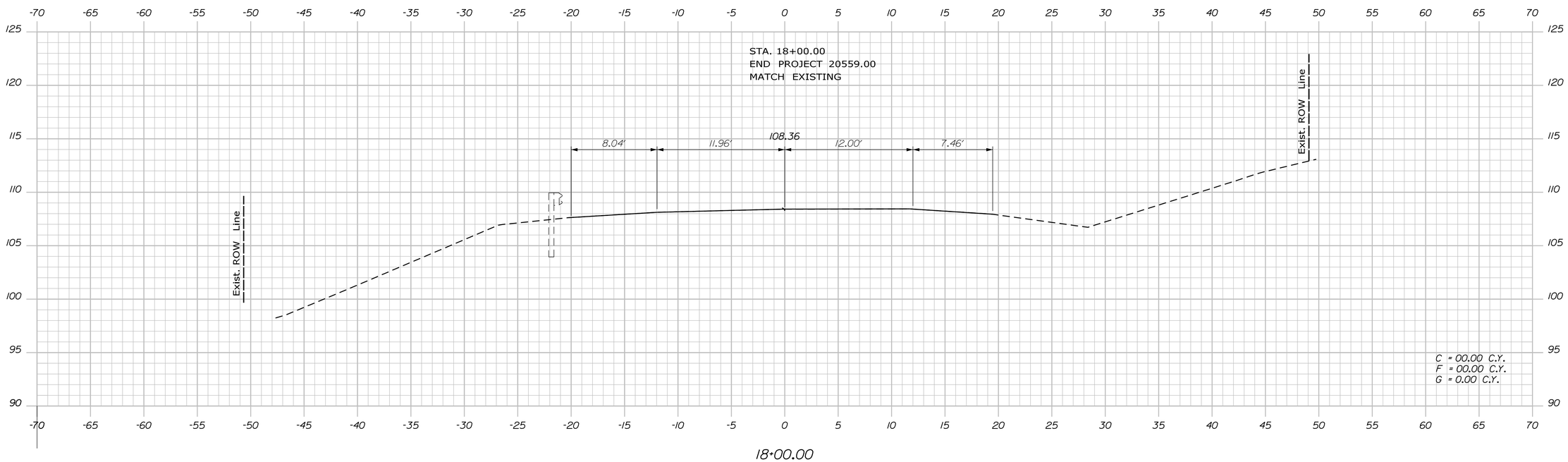
S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

SHEET NUMBER
32
OF 37

Filename: ...\ustn\Highway\032_XS.dgn Division: HIGHWAY Username: Date:12/21/2015





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

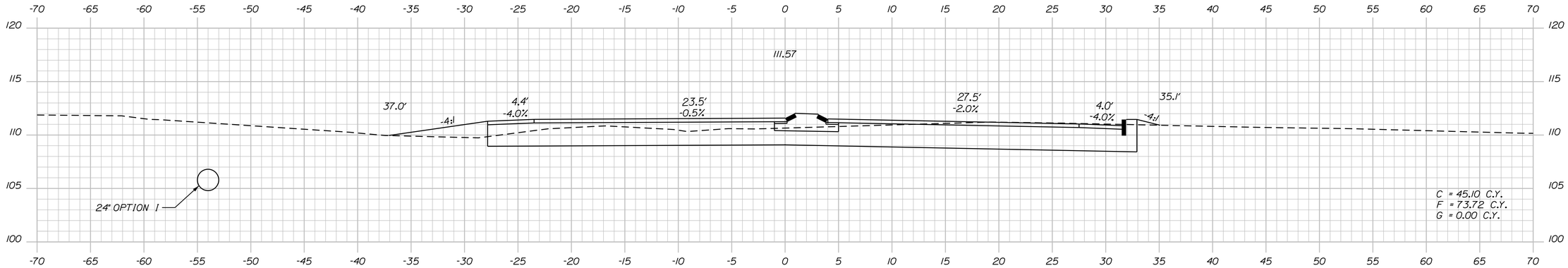
S. BERWICK
S. BERWICK RTE 236 YORK

CROSS SECTIONS

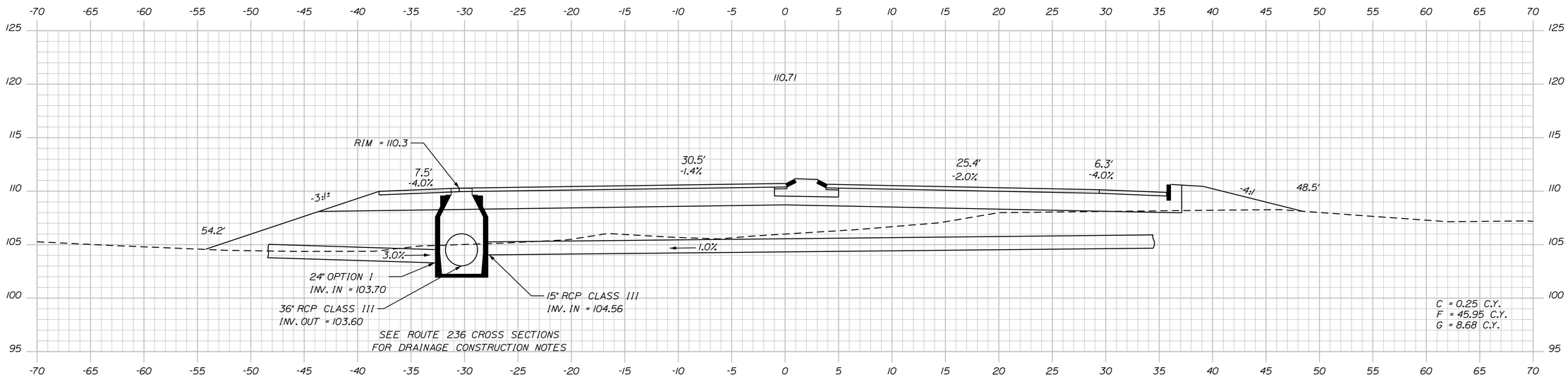
SHEET NUMBER
33
OF 37

Sta. 18+00.00 to Sta. 18+18.94

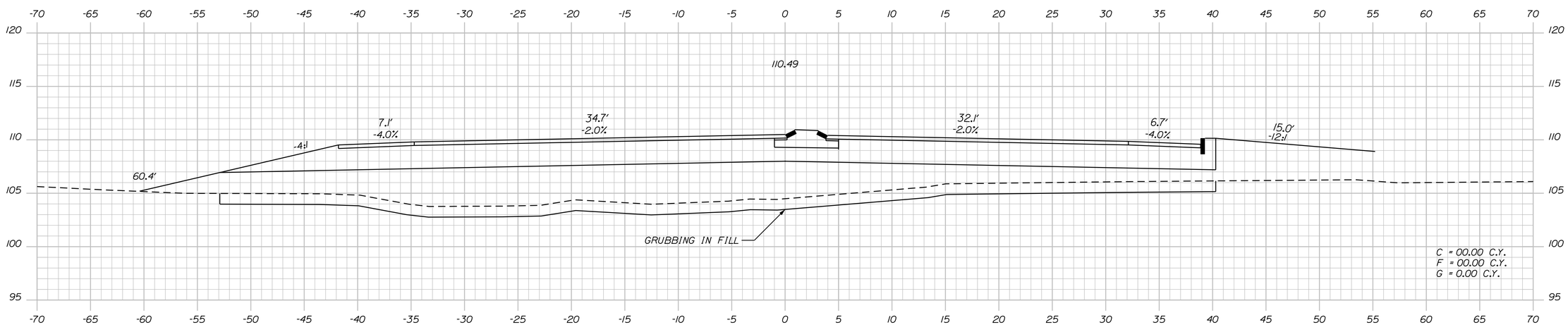
Filename: ...\ustn\Highway\033_XS.dgn Division: HIGHWAY Username: Date:12/21/2015



200+50.00



200+30.00



200+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	BRIAN KEEZER	
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

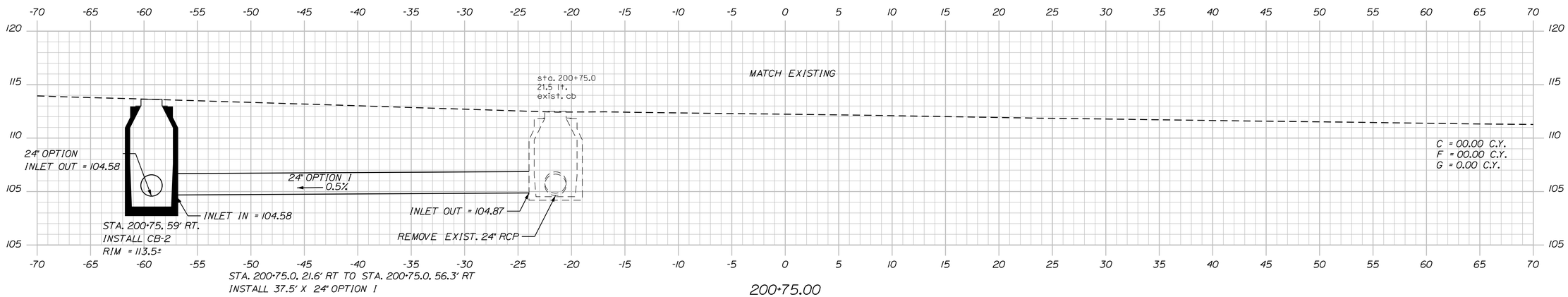
S. BERWICK
S. BERWICK RTE 236
YORK

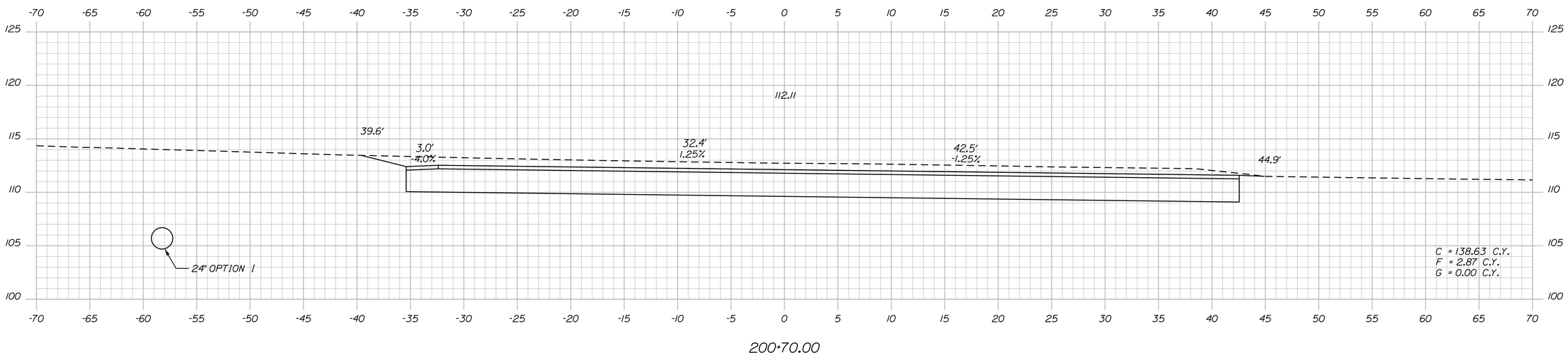
CROSS SECTIONS

SHEET NUMBER
34
OF 37

Sta. 200+25.00 to Sta. 200+50.00

Filename: ...\ustn\Highway\034_XS.dgn Division: HIGHWAY Username: Date:12/21/2015





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2055(900)

PIN
WIN 20559.00

HIGHWAY PLANS

PROJ. MANAGER	BRIAN KEEZER	BY	DATE
DESIGN-DETAILED	JLF	DAD	12-2015
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

S. BERWICK
RTE 236
S. BERWICK YORK

CROSS SECTIONS

SHEET NUMBER
35
OF 37

Sta. 200+70.00 to Sta. 200+75.00

Filename: ...\ustn\Highway\035_XS.dgn Division: HIGHWAY Username: Date:12/21/2015

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Existing / Proposed: Sanitary Sewer, Telephone Line, Electric Line, Water Line, Underdrain Line, Gas Line, Guardrail, Culvert	Existing / Proposed: Traveled Way, Ditch, Catch Basin, Manhole, Sewer Manhole, Utility Pole, Fire Hydrant, Curbing	Cut Line, Stonewall, Baseline (10+00, 11+00, 12+00), Monument, Iron Rod Found (IRF), Replacement Pin Set
Approx. Property Lines — P.L.	Building			Fill Line, Retaining Wall, Traverse Point, Pipe Found (IPF)
Existing Right of Way	Clearing Limit Line — CLL			
Limits of Wrought Portion — L.O.W.P.	Trees: Conifer, Deciduous			
Control Of Access — C.O.A.	Tree Line, Bush Line			
New Right of Way	Water Edge			
New Easement	Ledge, Rock/Boulder, Flag Pole			
New Temporary Rights	Fence: CHAIN LINK, BARB WIRE, STOCKADE			
New R/W Within Existing R/W	Sign, Well, Mailbox			

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

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

RIGHT OF WAY REFERENCES:

1) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP- STATE HIGHWAY NO. "100"
SOUTH BERWICK, YORK COUNTY
FEDERAL AID SECONDARY PROJECT NO. S-0100(3)
S.H.C. FILE NO. 16-107, SHEET 9 OF 10
DATED APRIL 1954
Y.C.R.D. PLAN BOOK 35, PAGE 30
CONDEMNATION: BOOK 1286, PAGE 468
ALSO SEE: BOOK 1426, PAGE 148 (3/28/1960)
BOSTON & MAINE RAILROAD TO STATE OF MAINE
AND Y.C.R.D. PLAN BOOK 28, PAGE 25, WHICH
DEPICTS THE B&M R.R. TRANSFER TO STATE OF MAINE

2) RIGHT OF WAY AND TRACK MAP
BOSTON AND MAINE RAILROAD
STATION 52+80 TO STATION 105+00
DATED JUNE 30, 1914 (REVISED TO MARCH 1921)
VALUATION PLAN V.4.1 ME/2
ALSO SEE FOLLOWING DOCUMENTS (PARCELS FROM R.R. PLAN):
A. BK. 252, PG. 481, 10/24/1853, DAVIS TO R.R. (PARCEL 5)
B. BK. 339, PG. 96, 5/7/1873, SMITH TO R.R. (PARCEL 6)
C. BK. 339, PG. 97, 5/8/1873, WADLEIGH TO R.R. (PARCEL 9)
D. Y.C.C. VOL. 20, PG. 421-427, MAY 1854 (PARCELS 7, 8, 10, 11)

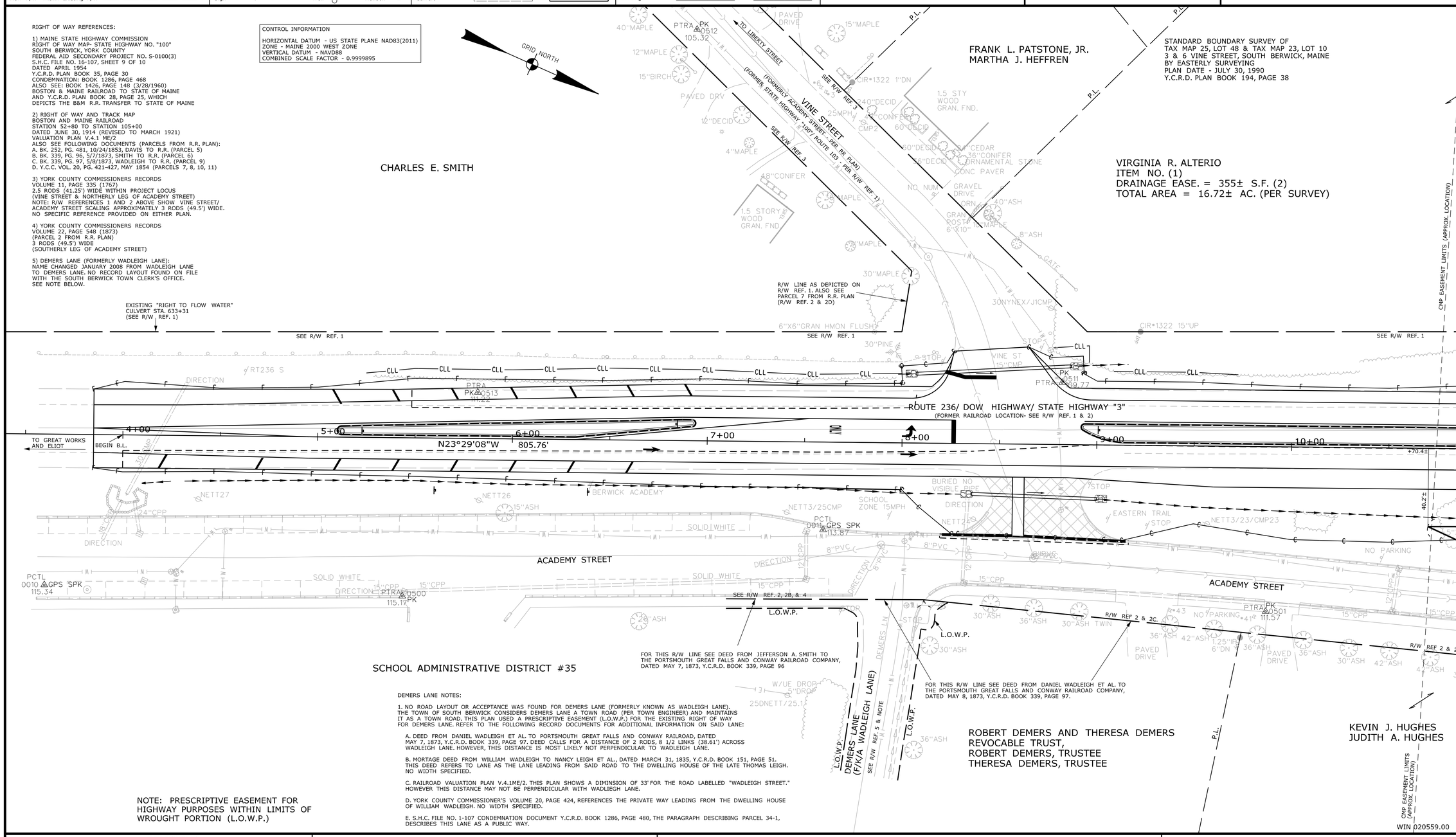
3) YORK COUNTY COMMISSIONERS RECORDS
VOLUME 11, PAGE 335 (1767)
2.5 RODS (41.25') WIDE WITHIN PROJECT LOCUS
(VINE STREET & NORTHERLY LEG OF ACADEMY STREET)
NOTE: R/W REFERENCES 1 AND 2 ABOVE SHOW VINE STREET/
ACADEMY STREET SCALING APPROXIMATELY 3 RODS (49.5') WIDE.
NO SPECIFIC REFERENCE PROVIDED ON EITHER PLAN.

4) YORK COUNTY COMMISSIONERS RECORDS
VOLUME 22, PAGE 548 (1873)
(PARCEL 2 FROM R.R. PLAN)
3 RODS (49.5') WIDE
(SOUTHERLY LEG OF ACADEMY STREET)

5) DEMERS LANE (FORMERLY WADLEIGH LANE):
NAME CHANGED JANUARY 2008 FROM WADLEIGH LANE
TO DEMERS LANE. NO RECORD LAYOUT FOUND ON FILE
WITH THE SOUTH BERWICK TOWN CLERK'S OFFICE.
SEE NOTE BELOW.

CONTROL INFORMATION

HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999895



DEMERS LANE NOTES:

1. NO ROAD LAYOUT OR ACCEPTANCE WAS FOUND FOR DEMERS LANE (FORMERLY KNOWN AS WADLEIGH LANE). THE TOWN OF SOUTH BERWICK CONSIDERS DEMERS LANE A TOWN ROAD (PER TOWN ENGINEER) AND MAINTAINS IT AS A TOWN ROAD. THIS PLAN USED A PRESCRIPTIVE EASEMENT (L.O.W.P.) FOR THE EXISTING RIGHT OF WAY FOR DEMERS LANE. REFER TO THE FOLLOWING RECORD DOCUMENTS FOR ADDITIONAL INFORMATION ON SAID LANE:

A. DEED FROM DANIEL WADLEIGH ET AL. TO PORTSMOUTH GREAT FALLS AND CONWAY RAILROAD, DATED MAY 7, 1873, Y.C.R.D. BOOK 339, PAGE 97. DEED CALLS FOR A DISTANCE OF 2 RODS, 8 1/2 LINKS (38.61') ACROSS WADLEIGH LANE. HOWEVER, THIS DISTANCE IS MOST LIKELY NOT PERPENDICULAR TO WADLEIGH LANE.

B. MORTAGE DEED FROM WILLIAM WADLEIGH TO NANCY LEIGH ET AL., DATED MARCH 31, 1835, Y.C.R.D. BOOK 151, PAGE 51. THIS DEED REFERS TO LANE AS THE LANE LEADING FROM SAID ROAD TO THE DWELLING HOUSE OF THE LATE THOMAS LEIGH. NO WIDTH SPECIFIED.

C. RAILROAD VALUATION PLAN V.4.1ME/2. THIS PLAN SHOWS A DIMINSION OF 33' FOR THE ROAD LABELLED "WADLEIGH STREET." HOWEVER THIS DISTANCE MAY NOT BE PERPENDICULAR WITH WADLIEGH LANE.

D. YORK COUNTY COMMISSIONER'S VOLUME 20, PAGE 424, REFERENCES THE PRIVATE WAY LEADING FROM THE DWELLING HOUSE OF WILLIAM WADLEIGH. NO WIDTH SPECIFIED.

E. S.H.C. FILE NO. 1-107 CONDEMNATION DOCUMENT Y.C.R.D. BOOK 1286, PAGE 480, THE PARAGRAPH DESCRIBING PARCEL 34-1, DESCRIBES THIS LANE AS A PUBLIC WAY.

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	C.W.K.	N.T.A.
FINAL RIGHT OF WAY	R.M.C.	N.T.A.
AREAS	R.M.C.	N.T.A.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
SOUTH BERWICK
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	11/3/15	17127	681

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE OF MAINE
CHRISTOPHER W. KNIGHT
2257
PROFESSIONAL LAND SURVEYOR

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "3"
ROUTE 236 / DOW HIGHWAY
SOUTH BERWICK YORK COUNTY
FEDERAL AID PROJECT NO. STP-2055(900)

JUNE 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-506
SCALE 1" = 25' | SHEET 1 OF 2

SHEET NUMBER
36
OF 37

Filename: ...\00\ROW\MSTA\036_RWPLAN1.dgn Division: ROW Username: Nicholas.Acheson Date:12/14/2015

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Existing / Proposed	Existing / Proposed
Approx. Property Lines — P.L.	Building	Sanitary Sewer	Traveled Way
Existing Right of Way	Clearing Limit Line — CLL	Telephone Line	Ditch
Limits of Wrought Portion — L.O.W.P.	Trees: Conifer, Deciduous	Electric Line	Catch Basin
Control Of Access — C.O.A.	Tree Line, Bush Line	Water Line	Manhole
New Right of Way	Water Edge	Underdrain Line	Sewer Manhole
New Easement	Ledge, Rock/Boulder, Flag Pole	Gas Line	Utility Pole
New Temporary Rights	Fence: CHAIN LINK, BARB WIRE, STOCKADE	Guardrail	Fire Hydrant
New R/W Within Existing R/W	Sign, Well, Mailbox	Culvert	Curbing

Cut Line	Fill Line
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found ● IRF	Pipe Found ● IPF
Replacement Pin Set	

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

SEE EASEMENT DEED FROM CHARLES A. SMITH TO CUMBERLAND COUNTY POWER & LIGHT COMPANY, DATED JUNE 3, 1938, Y.C.R.D. BOOK 924, PAGE 448.

SEE EASEMENT DEED FROM FREEMAN J. SMITH TO CENTRAL MAINE POWER COMPANY, DATED SEPTEMBER 14, 1960, Y.C.R.D. BOOK 1439, PAGE 372.

PLAN OF SECTION 115 (MILE 4 OF 4)
BASSETT S/S TO SO. BERWICK S/S
639-T115-04
BY CENTRAL MAINE POWER COMPANY
DATED APRIL 10, 1996
REVISED TO MAY 14, 2012 (REVISION 5)
(ON FILE WITH C.M.P. REAL ESTATE SERVICES)

PORTION OF PLAN OF
CUMBERLAND COUNTY POWER & LIGHT CO.
NO. BERWICK - SO. BERWICK
38KV TRANSMISSION LINE
SECTION 118 - MILE 6
PLAN AND PROFILE
DATED AUGUST 1938
(ON FILE WITH C.M.P. REAL ESTATE SERVICES)

STANDARD BOUNDARY SURVEY OF
TAX MAP 25, LOT 48 & TAX MAP 23, LOT 10
3 & 6 VINE STREET, SOUTH BERWICK, MAINE
BY EASTERLY SURVEYING
PLAN DATE - JULY 30, 1990
Y.C.R.D. PLAN BOOK 194, PAGE 38

RIGHT OF WAY REFERENCES:

1) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP- STATE HIGHWAY NO. "100"
SOUTH BERWICK, YORK COUNTY
FEDERAL AID SECONDARY PROJECT NO. S-0100(3)
S.H.C. FILE NO. 16-107, SHEET 9 OF 10
DATED APRIL 1954
Y.C.R.D. PLAN BOOK 35, PAGE 30
CONDEMNATION: BOOK 1286, PAGE 468
ALSO SEE: BOOK 1426, PAGE 148 (3/28/1960)
BOSTON & MAINE RAILROAD TO STATE OF MAINE
AND Y.C.R.D. PLAN BOOK 28, PAGE 25, WHICH
DEPICTS THE B&M R.R. TRANSFER TO STATE OF MAINE

2) RIGHT OF WAY AND TRACK MAP
BOSTON AND MAINE RAILROAD
STATION 52+80 TO STATION 105+00
DATED JUNE 30, 1914 (REVISED TO MARCH 1921)
VALUATION PLAN V.4.1 ME/2
ALSO SEE FOLLOWING DOCUMENTS (PARCELS FROM R.R. PLAN):
A. BK. 252, PG. 481, 10/24/1853, DAVIS TO R.R. (PARCEL 5)
B. BK. 339, PG. 96, 5/7/1873, SMITH TO R.R. (PARCEL 6)
C. BK. 339, PG. 97, 5/8/1873, WADLEIGH TO R.R. (PARCEL 9)
D. Y.C.C. VOL. 20, PG. 421-427, MAY 1854 (PARCELS 7, 8, 10, 11)

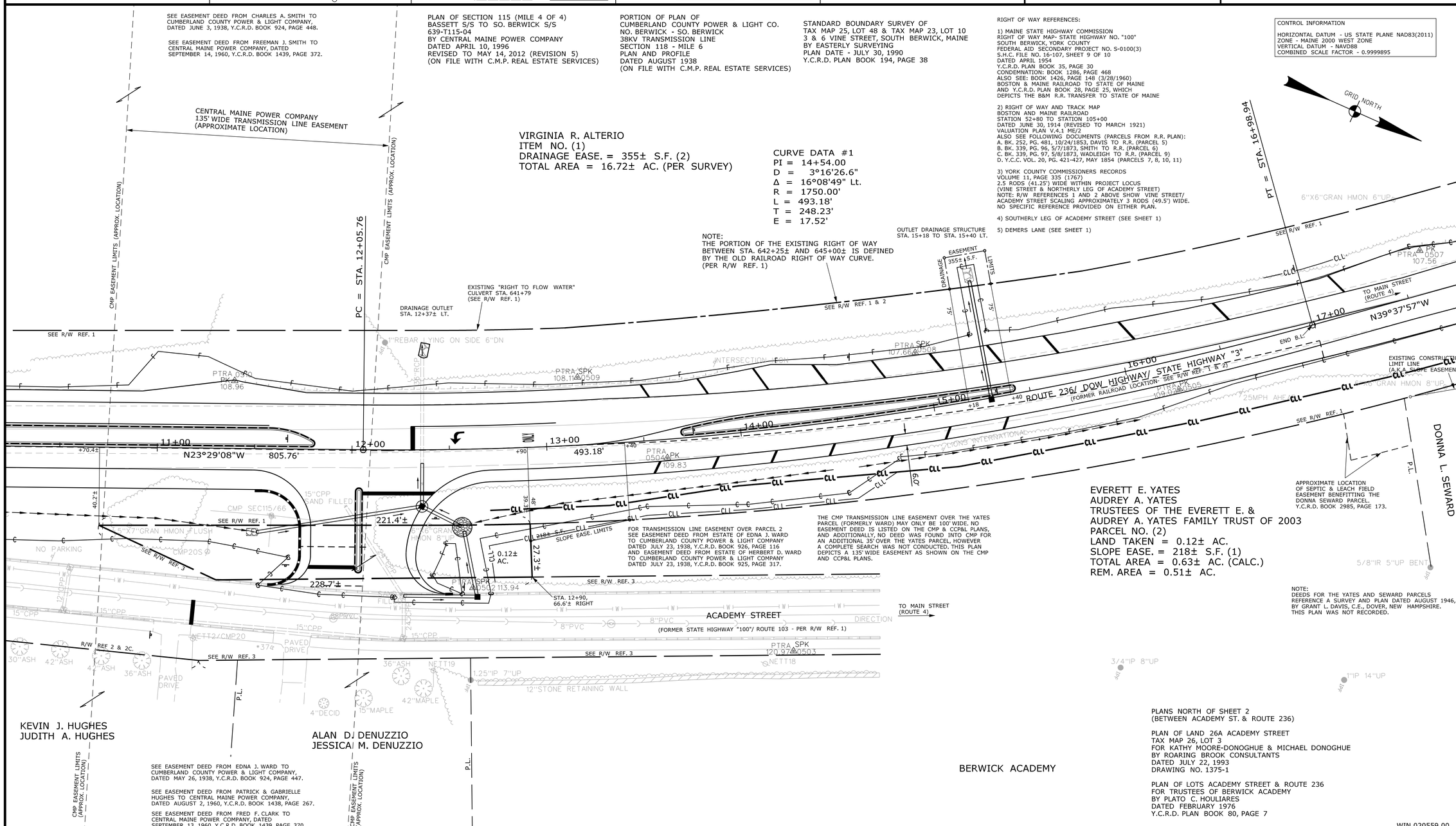
3) YORK COUNTY COMMISSIONERS RECORDS
VOLUME 11, PAGE 335 (1767)
2.5 RODS (41.25') WIDE WITHIN PROJECT LOCUS
(VINE STREET & NORTHERLY LEG OF ACADEMY STREET)
NOTE: R/W REFERENCES 1 AND 2 ABOVE SHOW VINE STREET/
ACADEMY STREET SCALING APPROXIMATELY 3 RODS (49.5') WIDE.
NO SPECIFIC REFERENCE PROVIDED ON EITHER PLAN.

4) SOUTHERLY LEG OF ACADEMY STREET (SEE SHEET 1)

5) DEMERS LANE (SEE SHEET 1)

CONTROL INFORMATION

HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999895



SEE EASEMENT DEED FROM EDNA J. WARD TO CUMBERLAND COUNTY POWER & LIGHT COMPANY, DATED MAY 26, 1938, Y.C.R.D. BOOK 924, PAGE 447.

SEE EASEMENT DEED FROM PATRICK & GABRIELLE HUGHES TO CENTRAL MAINE POWER COMPANY, DATED AUGUST 2, 1960, Y.C.R.D. BOOK 1438, PAGE 267.

SEE EASEMENT DEED FROM FRED F. CLARK TO CENTRAL MAINE POWER COMPANY, DATED SEPTEMBER 13, 1960, Y.C.R.D. BOOK 1439, PAGE 370.

PLANS NORTH OF SHEET 2
(BETWEEN ACADEMY ST. & ROUTE 236)

PLAN OF LAND 26A ACADEMY STREET
TAX MAP 26, LOT 3
FOR KATHY MOORE-DONOGHUE & MICHAEL DONOGHUE
BY ROARING BROOK CONSULTANTS
DATED JULY 22, 1993
DRAWING NO. 1375-1

PLAN OF LOTS ACADEMY STREET & ROUTE 236
FOR TRUSTEES OF BERWICK ACADEMY
BY PLATO C. HOULIARES
DATED FEBRUARY 1976
Y.C.R.D. PLAN BOOK 80, PAGE 7

WIN 020559.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	N.T.A.	C.W.K.
FINAL RIGHT OF WAY	N.T.A.	R.M.C.
AREAS	N.T.A.	R.M.C.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
SOUTH BERWICK
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	11/3/15	17127	681

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE OF MAINE
CHRISTOPHER W. KNIGHT
2257
PROFESSIONAL LAND SURVEYOR

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "3"
ROUTE 236 / DOW HIGHWAY
SOUTH BERWICK YORK COUNTY
FEDERAL AID PROJECT NO. STP-2055(900)

JUNE 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 16-506
SCALE 1" = 25'	SHEET 2 OF 2	

SHEET NUMBER
37
OF 37

Filename: ...\00\ROW\MSTA\037_RWPLAN2.dgn Division: ROW Username: Nicholas.Acheson Date:12/14/2015