

TOWN OF KITTERY

KITTERY MEMORIAL CIRCLE

YORK COUNTY

ROUTE 1, ROUTE 236
& OLD POST ROAD

FEDERAL PROJECT NO. STP-1818(400)X
MAINEDOT WIN 18184.00

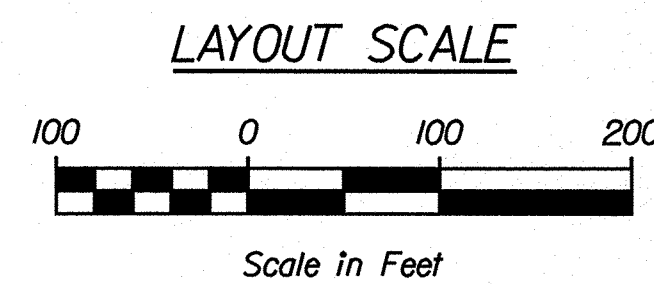
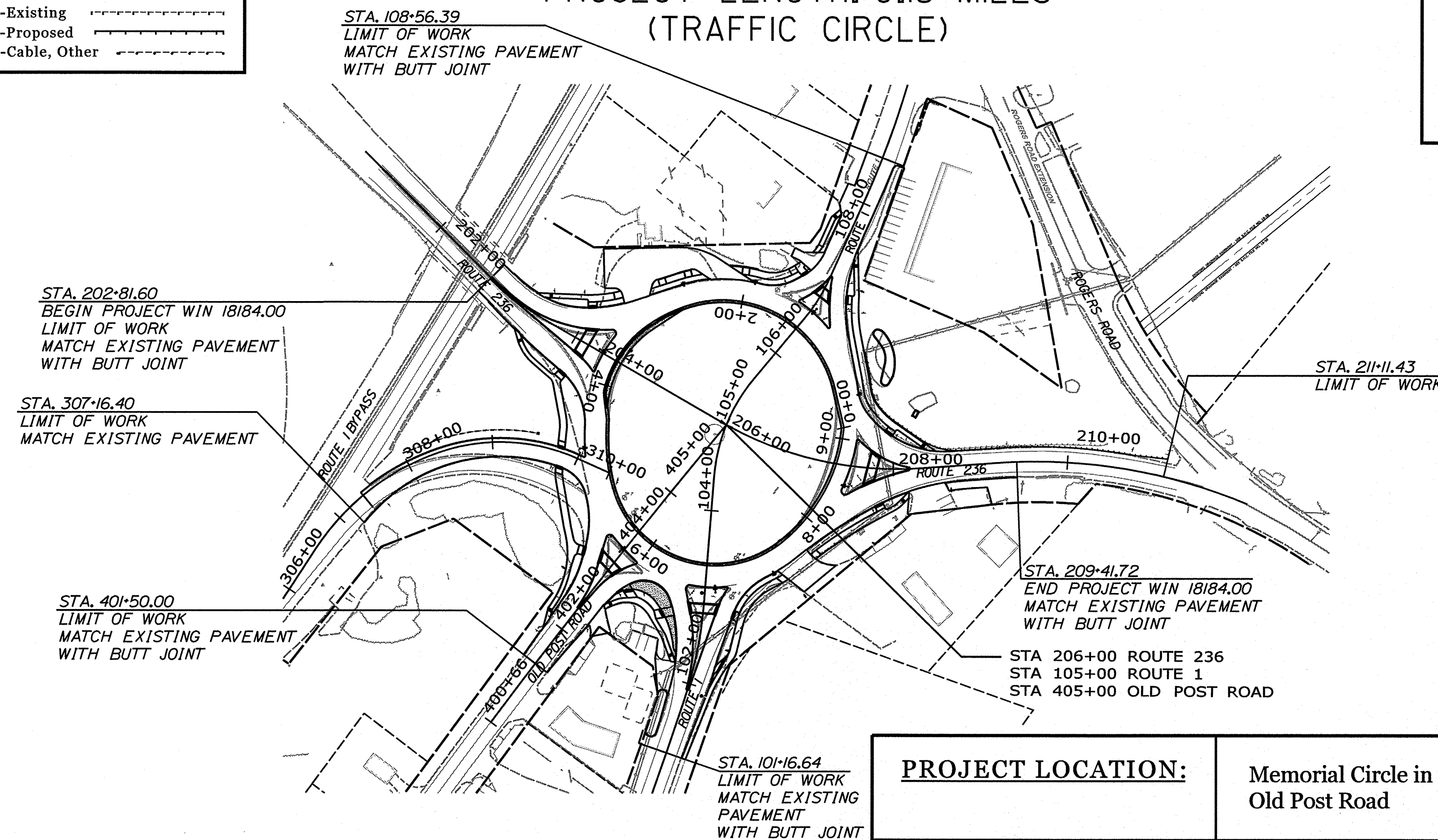
PROJECT LENGTH: 0.13 MILES
(TRAFFIC CIRCLE)

PLAN LEGEND

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

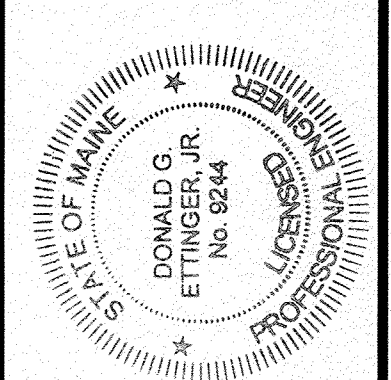
INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-3
General Notes	4
Construction Notes	5
Plans	6-7
Grading Plan	8
Profiles	9-11
Geometric Plan	12
Striping Plans	13-14
Signing Plans	15-16
Curbing Plans	17-19
Cross Sections	20-42
Right of Way Plans	43-48
Lighting Plans	E1-E2
Route 1 Shared Use Path	Bid Alternate 1 and 2



PROJECT LOCATION:	Memorial Circle in Kittery at the intersection of Route 1, Route 236 and Old Post Road
PROGRAM AREA:	Maine DOT, Multimodal Program
SCOPE OF WORK:	A new off ramp for Route 1 Bypass, Traffic Circle and sidewalk improvements

TOWN OF KITTERY
WIN 18184.00
HIGHWAY PLANS



Signature: *Don Ettinger*
SIGNATURE: DON ETTINGER
P.E. NUMBER: 9244
DATE: 3-31-17

PROJECT INFORMATION	
PROGRAM	MULTIMODAL
PROJECT MANAGER	BRIAN KEZZER
DESIGNER	DON ETTINGER
PROJECT RESIDENT	GORRILL PALMER
CONTRACTOR	
PROJECT COMPLETION DATE	

KITTERY
MEMORIAL CIRCLE
TITLE SHEET

SHEET NUMBER

1
OF 48



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Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

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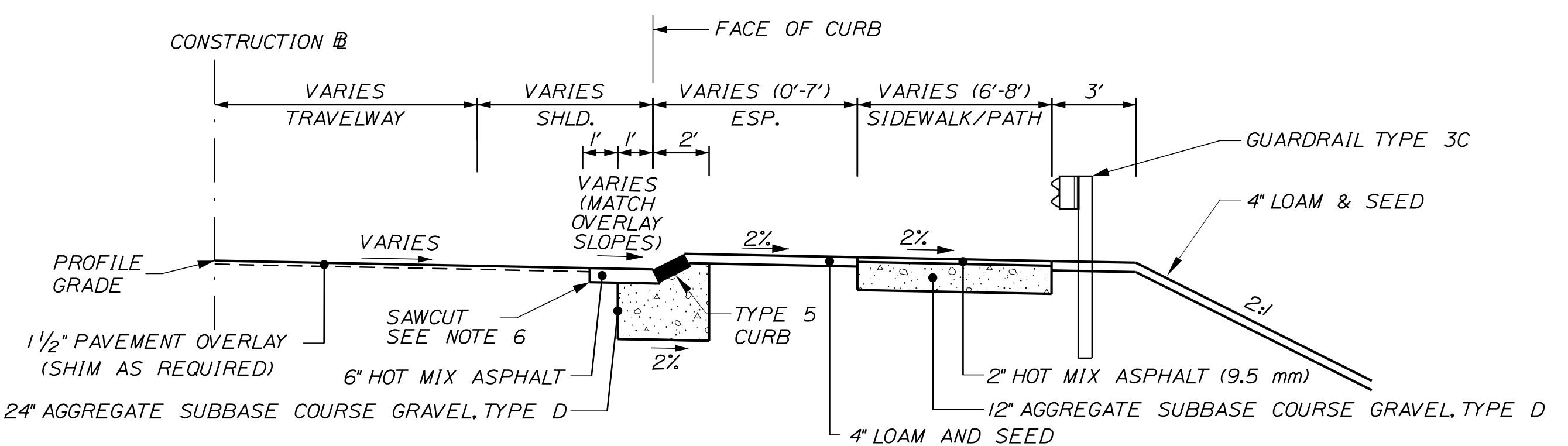
WIN 18184.00

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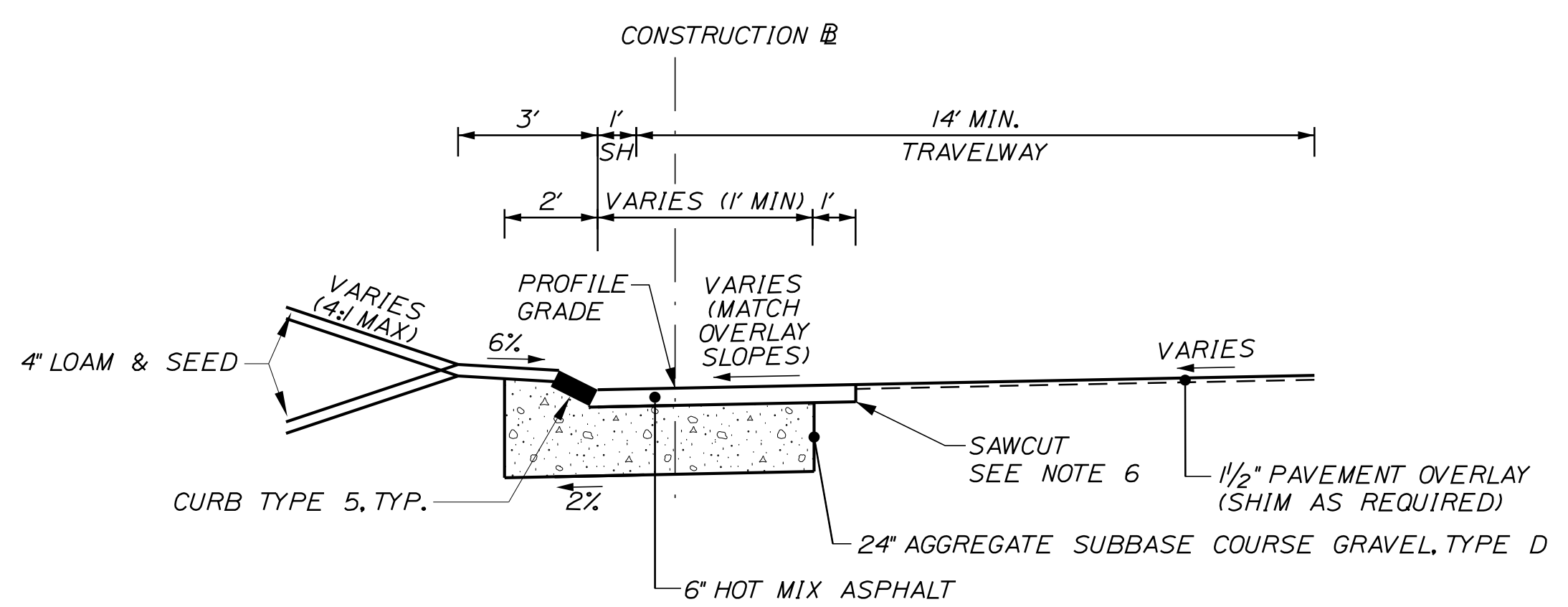
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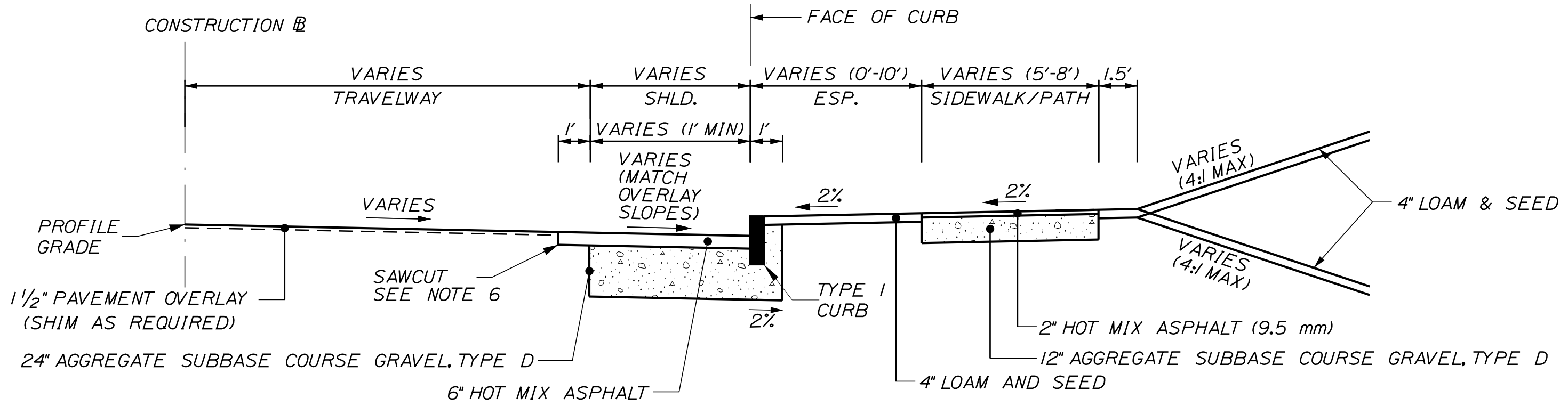
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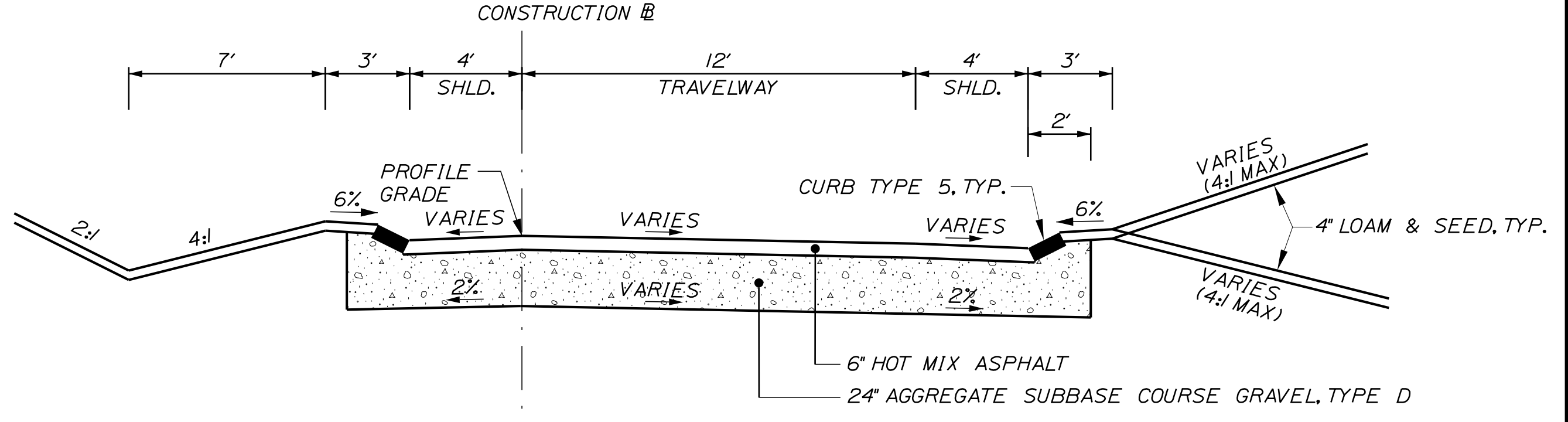
**TYPICAL SECTION
PAVEMENT OVERLAY WITH TYPE 5 CURB, ESPLANADE,
SIDEWALK AND GUARDRAIL**
STA 0+70 RT TO 208+39 LT



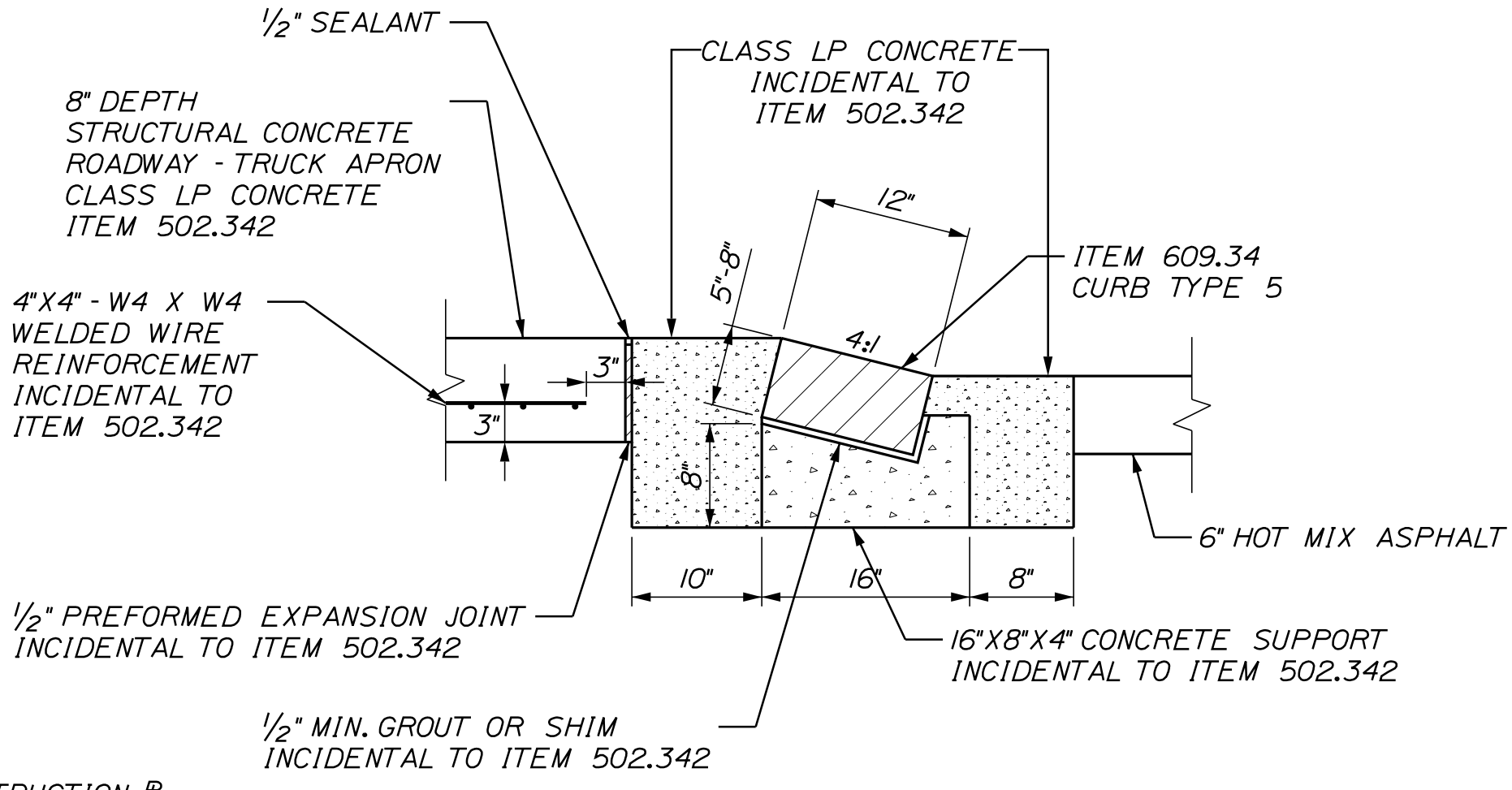
CENTER ISLAND DETAIL
STA 0+00 TO 2+70 LT
STA 4+25 TO 9+13 LT



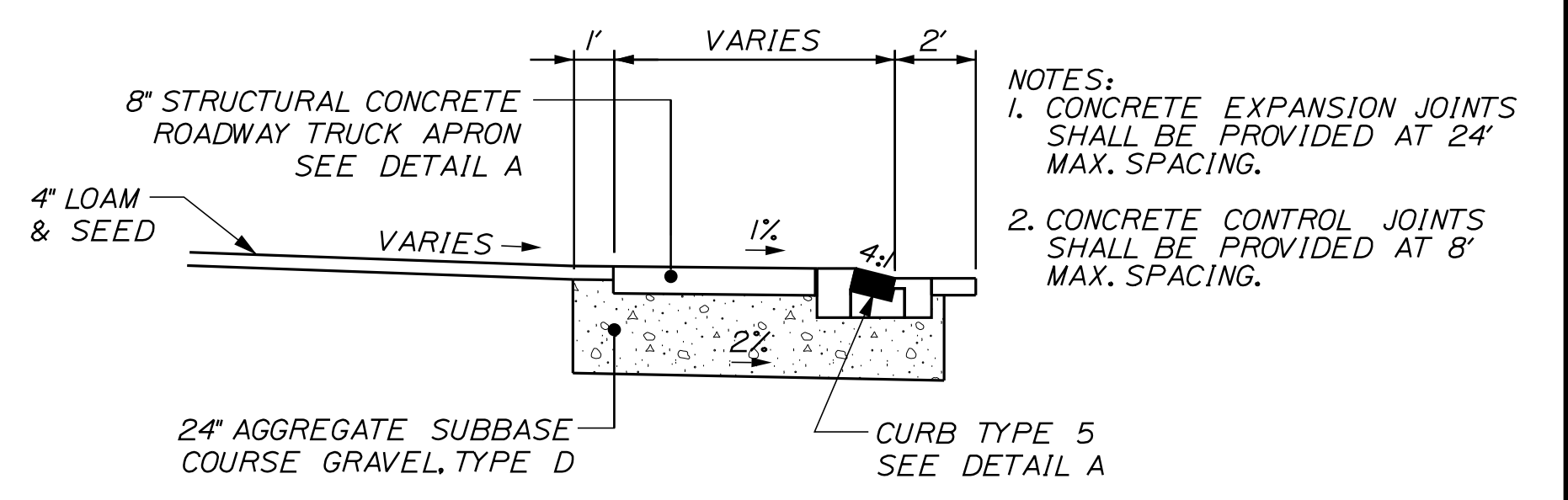
**TYPICAL SECTION
PAVEMENT OVERLAY WITH TYPE 1 CURB, ESPLANADE
AND SIDEWALK**
STA 101+17 TO 102+16 RT
STA 107+31 TO 107+78 LT
STA 203+45 TO 204+02 RT



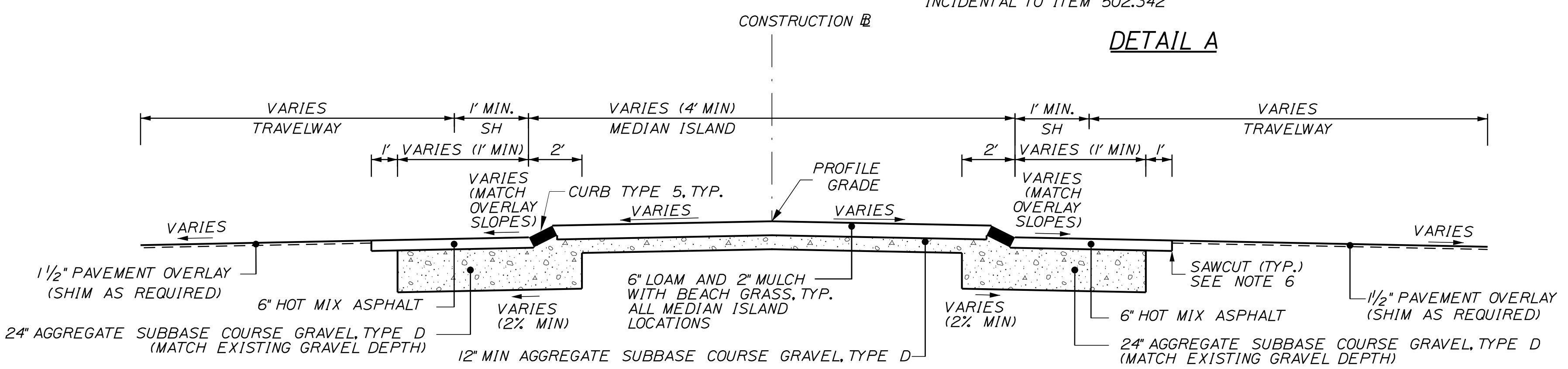
**TYPICAL SECTION
ROUTE 1 BYPASS OFF RAMP**
STA 308+00 TO 309+50



DETAIL A



STRUCTURAL CONCRETE ROADWAY TRUCK APRON DETAIL
STA 2+70 TO 4+25 LT
STA 102+33 LT TO 402+71 RT



MEDIAN ISLAND DETAIL
STA 101+92 TO 103+13
STA 106+63 TO 107+09
STA 202+82 TO 204+37
STA 207+51 TO 208+20
STA 402+29 TO 403+16

SHLD, SH = SHOULDER
ESP. = ESPLANADE

- NOTES:
1. THE PAVEMENT AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
 2. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
 3. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
 4. CROWNS FOR BOTH NORMAL AND SUPERELEVATED SECTIONS FOR ALL COURSES OF THE SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
 5. PAVEMENT OVERLAY CROSS SLOPES SHALL BE WITHIN 1.0% TO 4.0%. CONTRACTOR SHALL SHIM AND MILL AS REQUIRED TO ACHIEVE CROSS SLOPES.
 6. THE PAVEMENT SAWCUT LINE LOCATION IN THE FULL DEPTH RECONSTRUCTION AREAS SHALL BE DEFINED AS THE MOST RESTRICTIVE CRITERIA NOTED BELOW, WHICH WILL RESULT IN THE PAVEMENT SAW CUT LINE TO BE NEAREST TO THE CONSTRUCTION BASELINE:
 - A. 24" INSIDE OF THE EXISTING EDGE OF PAVEMENT LINE
 - B. 24" INSIDE OF THE PROPOSED EDGE OF PAVEMENT LINE
 - C. 12" INSIDE THE VERTICAL EDGE OF THE INSIDE UNDER DRAIN TRENCH LIMITS
 7. THE SHOULDER PAVEMENT THICKNESS SHALL BE THE SAME AS THE TRAVELWAY PAVEMENT THICKNESS FOR ALL ROADWAYS.
 8. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
 9. WHERE SIDEWALK ADA RAMPS ARE PROPOSED ADJACENT TO CONCRETE TRUCK APRONS, SLOPE OF APRONS SHALL TRANSITION AS REQUIRED TO ENSURE ADA COMPLIANT RAMPS ARE ACHIEVED.

NOT TO SCALE



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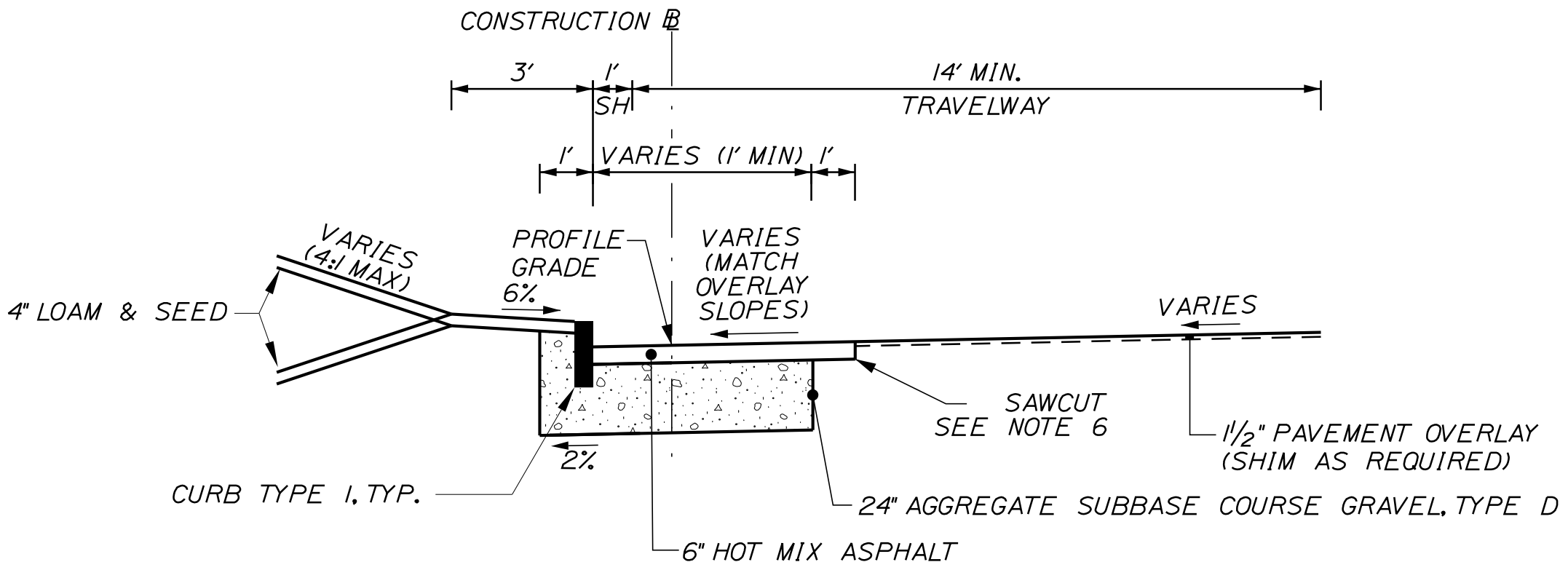
TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	03/17	MPC	03/17
CHECKED/REVIEWED	DGE		
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
KITTERY MEMORIAL CIRCLE		TYPICAL SECTIONS	
SHEET NUMBER		2	
		OF 48	

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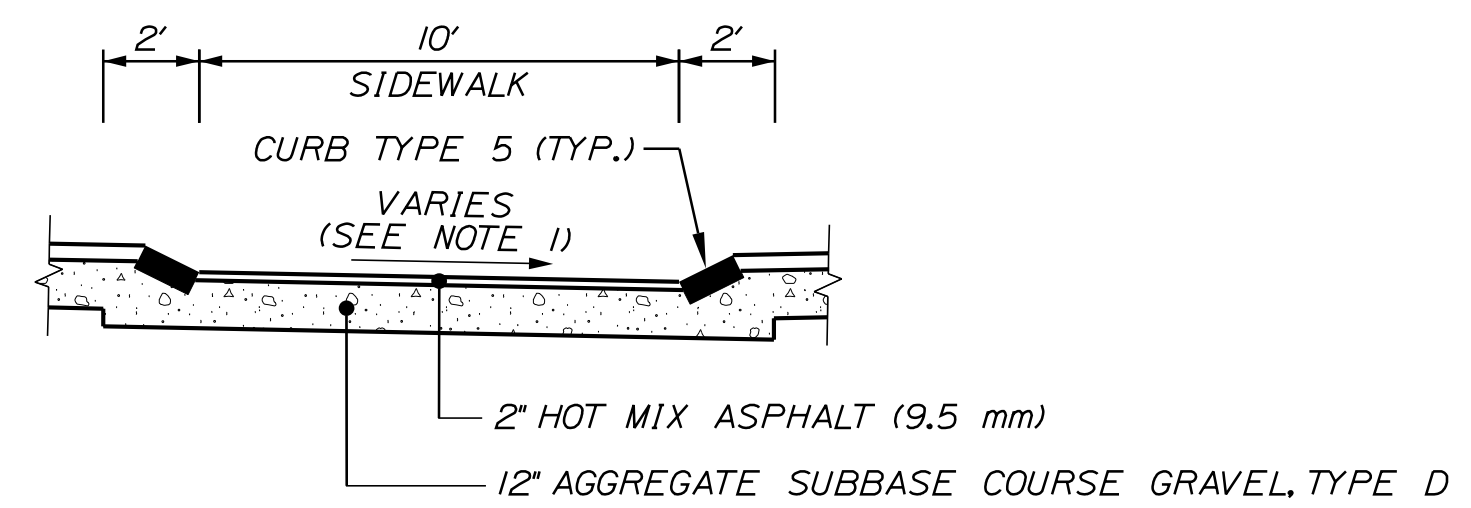
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VERTICAL CURB WITH NO SIDEWALK DETAIL

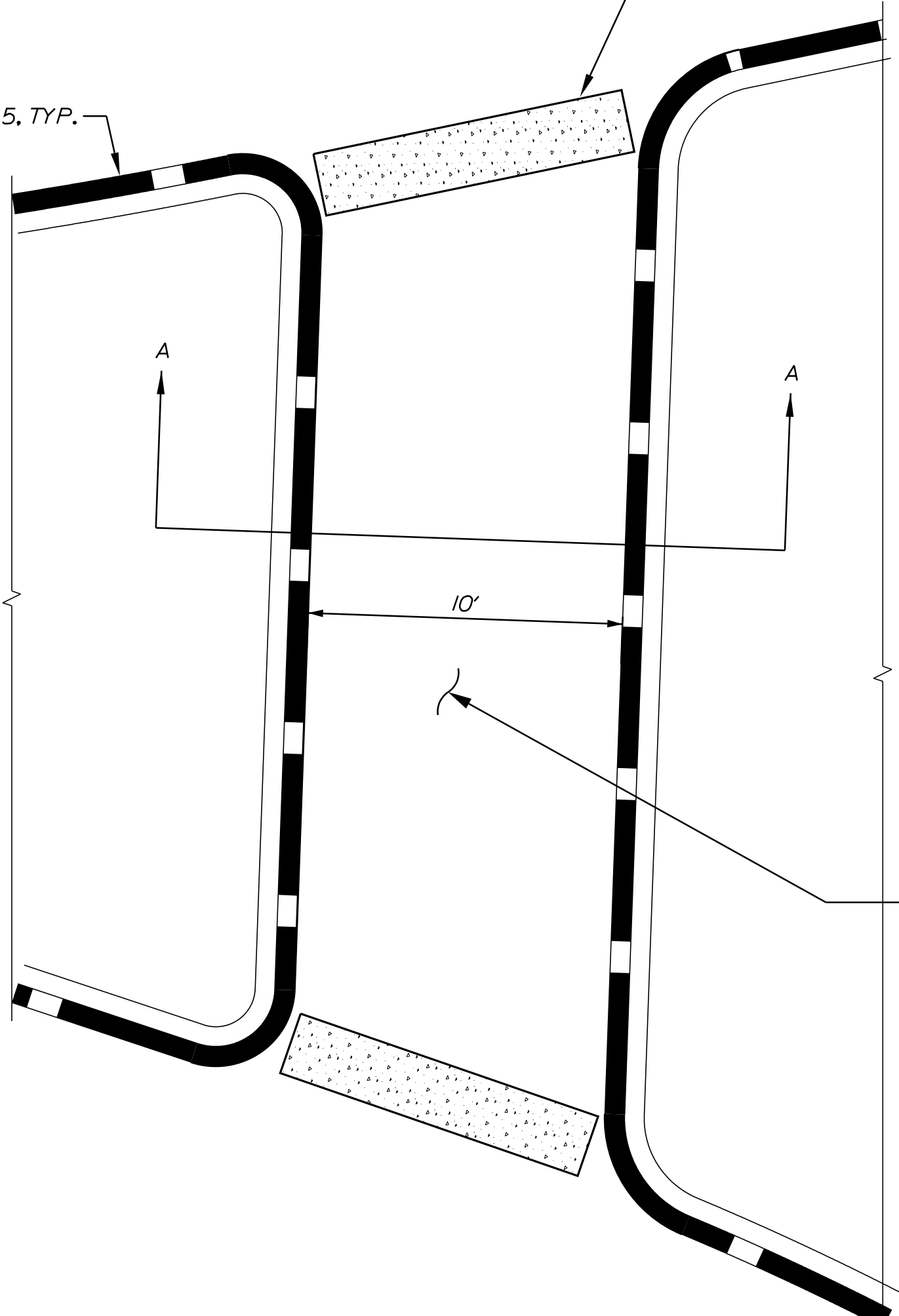
STA 101-28 TO 101-85 LT
 STA 107-50 TO 107-92 RT
 STA 202-97 TO 203-35 LT
 STA 202-98 TO 203-36 RT

STA 208-58 TO 209-42 RT
 STA 401-50 TO 402-25 RT
 STA 401-50 TO 401-83 LT



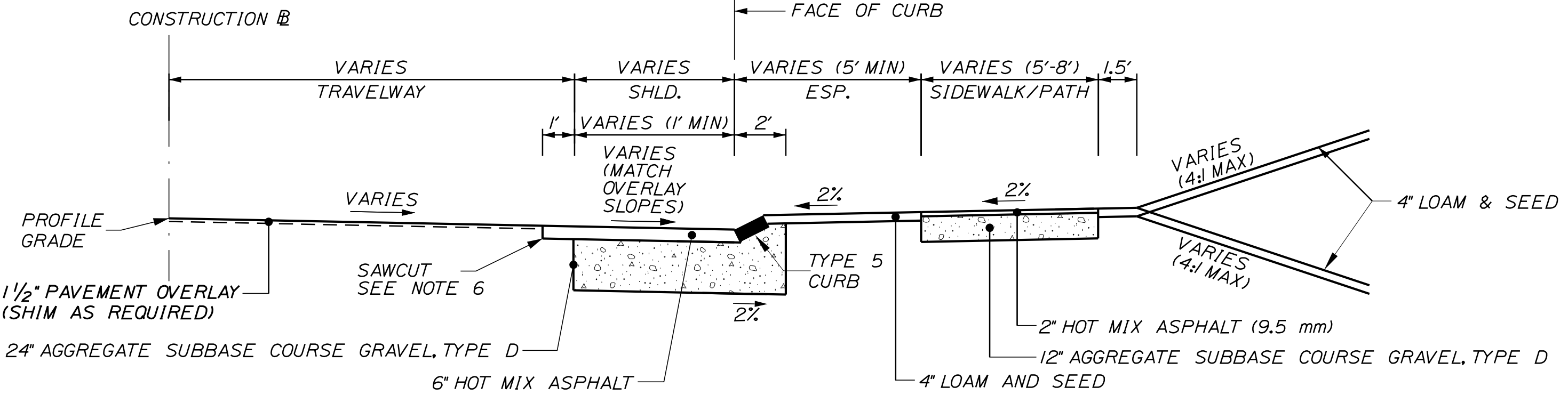
SECTION A-A

CURB TYPE 5, TYP.



MEDIAN ISLAND PEDESTRIAN AT GRADE CROSSING DETAIL

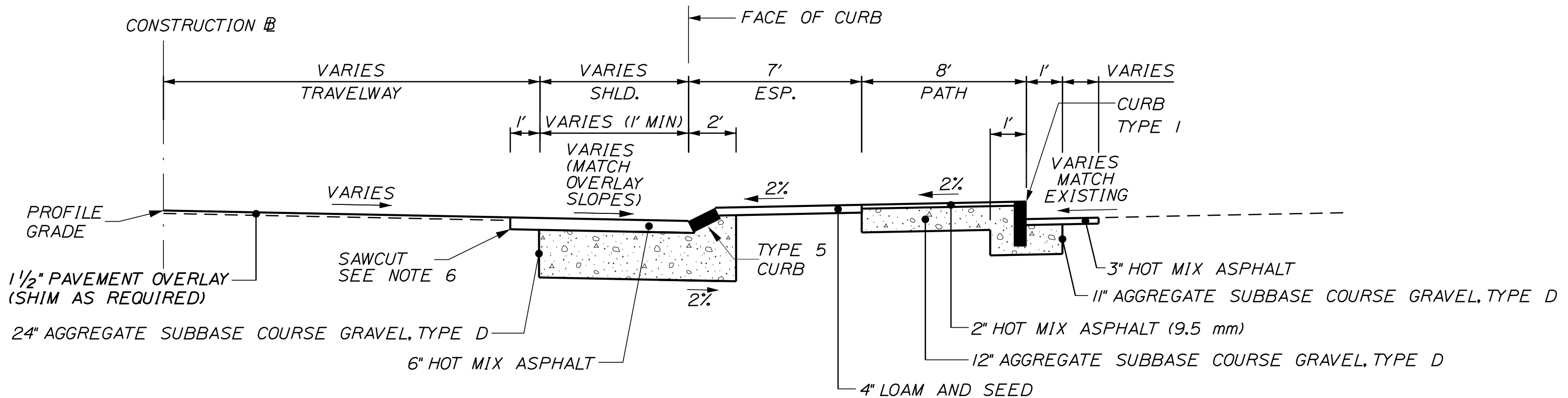
NOTES:
 1. CROSS SLOPES SHALL BE 2% MAX WHERE PRACTICAL IN LOCATIONS WHERE THE EXISTING ROADWAY PROFILE IS GREATER THAN 2%. CROSS SLOPES MUST VARY TO MATCH PROFILE GRADE AT INTERFACES WITH ROADWAYS.



TYPICAL SECTION PAVEMENT OVERLAY WITH TYPE 5 CURB, ESPLANADE AND SIDEWALK

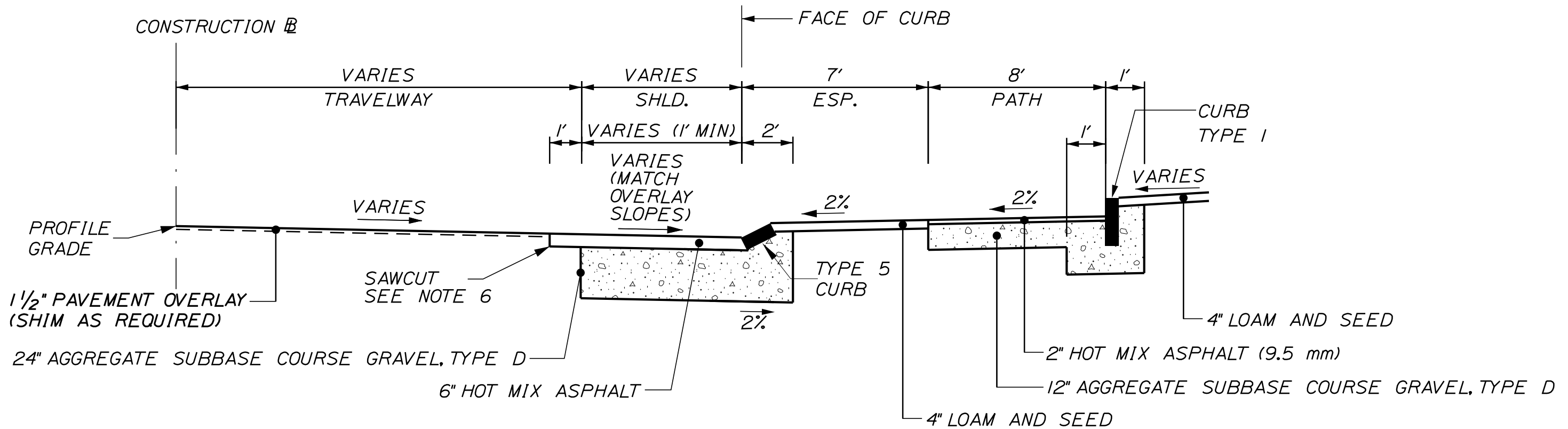
STA 402-02 LT TO 4-88 RT
 STA 309-83 LT TO 4-01 RT
 STA 203-46 LT TO 1-53 LT
 STA 107-36 RT TO 208-39 LT

STA 102-26 RT TO 208-17 RT
 STA 102-21 LT TO 102-33 LT
 STA 402-52 RT TO 402-71 RT



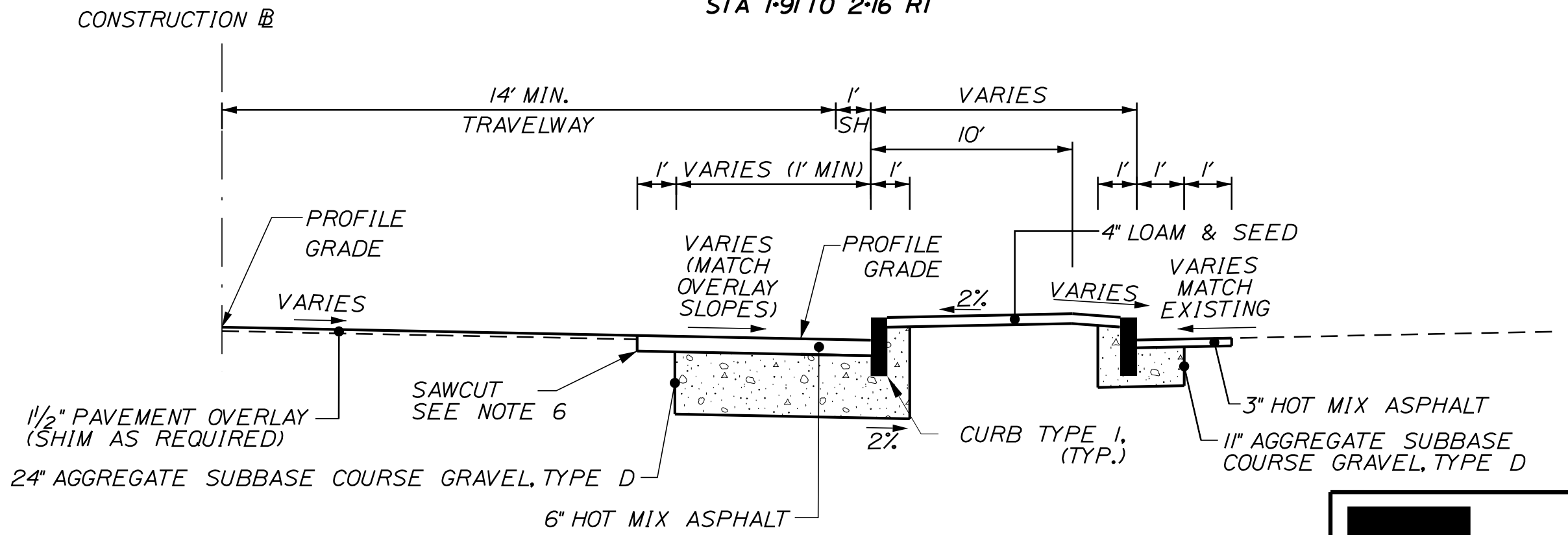
BACK CURBING DETAIL #1

STA 2-51 TO 2-82 RT



BACK CURBING DETAIL #2

STA 1-91 TO 2-16 RT



BACK CURBING DETAIL #3

STA 107-92 TO 108-53

NOTES:
1. SEE PREVIOUS SHEET FOR NOTES.

NOT TO SCALE

TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
PROJ. MANAGER	DATE	BY	DATE
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DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
KITTERY MEMORIAL CIRCLE		TYPICAL SECTIONS	
SHEET NUMBER		3	
		OF 48	

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GENERAL NOTES:

1. BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE PRIOR TO COMMENCING WORK. REFER TO THE SPECIFICATIONS. NO GUARANTEE IS MADE THAT UTILITIES OR STRUCTURES WILL BE ENCOUNTERED WHERE SHOWN OR THAT ALL UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN. ALL LOCATIONS AND SIZES OF EXISTING UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD WITH TEST PITS AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION OF NEW FACILITIES OR PIPING THAT MAY BE AFFECTED. ADDITIONAL TEST PITS, BEYOND THOSE SHOWN, MAY BE REQUIRED. THE CONTRACTOR WILL REALIGN NEW PIPE LOCATIONS AS REQUIRED TO CONFORM TO EXISTING LINES AND AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY DIG SAFE PRIOR TO DIGGING.

UTILITY CONTACTS ARE AS FOLLOWS:

CENTRAL MAINE POWER COMPANY: COMCAST:
ATTN: WAYNE BROWN ATTN: MIKE COLLINS
TEL. (207) 242-0673 TEL. (603) 679-5695 EXT. 1037

FAIRPOINT COMMUNICATIONS: TOWN OF KITTERY:
ATTN: DAVID KESTNER DEPARTMENT OF PUBLIC WORKS
TEL. (603) 703-9311 ATTN: DAVID RICH
TEL. (207) 475-3496

KITTERY WASTEWATER DEPARTMENT: DIGSAFE:
ATTN: GEORGE KATHIOS I-888-DIG-SAFE
TEL. (207) 439-4646

KITTERY WATER DISTRICT: UNITIL:
ATTN: MIKE ROGERS ATTN: JOE RENDA
TEL. (207) 451-8316 TEL. (207) 541-2568

2. EXISTING PAVEMENT OUTSIDE LIMITS OF PROPOSED ROADWAYS AND WITHIN PROPOSED LIMITS OF CONSTRUCTION SHALL BE REMOVED. AREAS OF PAVEMENT REMOVAL SHALL BE LOAMED AND SEEDED UNLESS OTHERWISE SHOWN ON PLANS. PAYMENT FOR EXCAVATION SHALL BE MADE UNDER ITEM 203.20 COMMON EXCAVATION.

3. A MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) OFFICE OF SAFETY AND COMPLIANCE INVESTIGATION SPECIFIC WITH THIS PROJECT ENCOUNTERED DATA SUGGESTING PETROLEUM RELATED CONTAMINATION WAS PRESENT BETWEEN THE INTERSECTION OF OLD POST ROAD AND ROUTE 1. PREVIOUS ON-SITE WORK IN THE VICINITY OF THE INTERSECTION FAILED TO UNEARTH ANY ISSUES WITHIN THIS AREA. HOWEVER, IN LIGHT OF THE AVAILABLE ENVIRONMENTAL DATA, THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM-IMPACTED SOILS. FURTHERMORE, THE CONTRACTOR SHALL REMAIN ALERT FOR ANY ADDITIONAL EVIDENCE OF CONTAMINATION. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE INSPECTOR.

4. CONTRACTOR SHALL FIELD VERIFY ALL PROPOSED RIM ELEVATIONS BEFORE INSTALLING OR MODIFYING CATCH BASINS.

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

6. CLEARING LIMITS SHALL BE 5' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE INSPECTOR.

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 INSPECTOR.

8. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM 201.24 REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE INSPECTOR, ITEM 631.20 STUMP CHIPPER RENTAL, MAY BE USED TO REMOVE STUMPS.

9. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE INSPECTOR. GRADING, SEEDING, AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.

10. WHERE PAVEMENT UNDER THIS CONTRACT JOINS AN EXISTING PAVEMENT OR CONCRETE, THE EXISTING PAVEMENT OR CONCRETE SHALL BE SAW CUT ALONG A SMOOTH LINE TO A NEAT, EVEN, VERTICAL JOINT, AS DIRECTED BY THE INSPECTOR. BROKEN OR RAVELED EDGES SHALL NOT BE PERMITTED. ALL WORK NECESSARY FOR THE PREPARATION OF THIS JOINT SHALL BE CONSIDERED INCIDENTAL TO THE RELATED CONTRACT ITEMS.

11. PAYMENT FOR PAVEMENT AND CONCRETE REMOVAL WHERE SHOWN ON PLANS SHALL BE PAID FOR UNDER ITEM 203.20, COMMON EXCAVATION.

12. ANY NECESSARY FINE GRADING OR RECOMPACTION OF EXISTING GRAVEL SHALL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSTRUCTION INCIDENTAL TO ITEM 304.10.

13. 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 INSPECTOR.

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

15. PLACE 12 INCHES GRAVEL AND 2 INCHES HOT MIX ASPHALT AROUND CATCH BASINS IN GRASSED AREAS (3' OUTSIDE OF FRAME) AND PAINT WITH ACRYLIC LATEX COLOR FINISH - GREEN. PAYMENT SHALL BE UNDER THE APPLICABLE CONTRACT ITEMS.

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

17. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE INSPECTOR. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).

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

19. REMOVAL OF EXISTING DRAINAGE PIPES, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATION.

20. 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.

21. 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.

22. ALL UNDERDRAIN SHOWN ON THE CROSS SECTIONS WILL HAVE THE FLOW LINE SCALED FROM THE CROSS SECTIONS UNLESS NOTED. ALL FLOW LINE ELEVATIONS ARE SUBJECT TO APPROVAL BY THE INSPECTOR.

23. A/C AND B/C CATCH BASINS SHALL BE SHAPE WITH HAUNCHED CONE, AS PER STANDARD DETAIL 604(02), UNLESS OTHERWISE NOTED ON THE PLANS.

24. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6-INCH TYPE B UNDERDRAIN.

25. 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.

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

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

28. TWO REFLECTORIZED FLEXIBLE G.R. MARKERS (ITEM 606.353) WILL BE INSTALLED AT EACH GUARDRAIL END.

29. ALL CATCH BASINS TYPE A PLACED ON CIRCULAR CURB TYPE 1 SHALL HAVE THE CURB INLET CUT THE SAME RADIUS AS ADJACENT CIRCULAR CURB. PAYMENT SHALL BE INCIDENTAL TO ITEM 604

30. LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED SLOPE AREA. ACTUAL PLACEMENT OF THE LOAM USED SHALL BE AS DESIGNATED BY THE INSPECTOR.

31. MULCH SHALL BE APPLIED IN AREAS SEEDED BY SEEDING METHOD NO. 1, SEEDING METHOD NO. 2 AND SEEDING METHOD NO. 3.

32. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES UNLESS DIRECTED OTHERWISE BY THE INSPECTOR.

33. ALL DITCH ELEVATIONS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISH DITCH FLOW LINE.

34. CATCH BASIN AND RIM ELEVATIONS NOTED ON THE CROSS SECTIONS ARE THE TOP OF GRATE ELEVATIONS AT THE CENTER OF GRATE. CATCH BASIN OFFSET LOCATIONS ARE MEASURED TO THE CENTER OF THE GRATE.

35. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE INSPECTOR. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.

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

37. 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.

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

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

40. REMOVAL OF EXISTING CURBING SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 - COMMON EXCAVATION.

41. CONTRACTOR SHALL NOTE LANDSCAPE PLANTINGS AS OUTLINED IN SPECIAL PROVISION, SECTION 621.

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

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.

44. THE PAVEMENT SAW CUT LINES ARE DEFINED ON THE TYPICAL SECTIONS. CONTRACTOR SHALL NOTE THE PAVEMENT SAW CUT LIMITS ARE PROVIDED FOR RECONSTRUCTION AREAS ONLY AND ARE NOT SHOWN FOR PROPOSED DRAINAGE WORK OR EXISTING DRAINAGE REMOVAL WORK IN THE PAVEMENT OVERLAY AREAS.

45. PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAY" U.S.D.O.T. F.H.W.A. LATEST EDITION.

46. ENTRANCES SHALL BE CONSTRUCTED WITH:
RESIDENTIAL PAVED:
2" HOT MIX ASPHALT - GRADING 9.5mm
12" AGGREGATE SUBBASE COURSE - GRAVEL
COMMERCIAL PAVED:
3" HOT MIX ASPHALT - GRADING 9.5mm
11" AGGREGATE SUBBASE COURSE - GRAVEL
UNPAVED:
14" AGGREGATE SUBBASE COURSE - GRAVEL

47. PEDESTRIAN RAMP DETECTABLE WARNING DEVICES SHALL BE USED AT ALL CROSSWALK LOCATIONS.

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

49. 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 INSPECTOR.

50. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE TAHT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE MADE UNDER THE APPROPRIATE RENTAL ITEM.

51. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE INSPECTOR.

52. STATIONS REFERENCED ARE APPROXIMATE.

53. FOR EASEMENTS, CONSTRUCTION LIMITS, AND RIGHT-OF-WAY LINES, REFER TO RIGHT OF WAY PLANS.

54. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE GRAVEL WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE INSPECTOR.

55. IN AREAS WHERE THE INSPECTOR DIRECTS THE CONTRACTOR NOT TO EXCAVATE TO THE SUBGRADE 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.

56. GRANITE CURBING (VERTICAL AND SLOPED) SHALL BE INSTALLED IN A CONCRETE FOUNDATION. SEE SPECIAL PROVISION. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.

57. ALL CATCH BASIN RIM ELEVATIONS ARE APPROXIMATE AND MAY VARY BASED ON PAVEMENT SHIM AND MILLING REQUIREMENTS. CONTRACTOR SHALL ADJUST RIM ELEVATIONS AS NECESSARY TO ACCCOUNT FOR THE FINAL PAVEMENT GRADES.

58. CONTRACTOR SHALL CONTACT FAIRPOINT PRIOR TO EXCAVATING NEXT TO UNDERGROUND TELEPHONE LINES. HAND EXCAVATION MAY BE REQUIRED NEAR UTILITIES. COORDINATE WORK WITH FAIRPOINT AND INSPECTOR.

59. SIGNS FOR ITEM 645.292 SHALL BE CONSTRUCTED OF SHEET ALUMINUM.

60. REASONABLE ACCESS TO ALL EXISTING GAS PUMPS ON THE CHRISTY'S REALTY LIMITED PARTNERSHIP PROPERTY MUST BE MAINTAINED THROUGHOUT CONSTRUCTION. IN ADDITION ONLY ONE ENTRANCE AT A TIME MAY BE CLOSED TO TRAFFIC AND CAN ONLY BE CLOSED DURING DAILY PERIODS OF ACTIVE CONSTRUCTION UNLESS IT WOULD CAUSE REDUNDANT EFFORT, (I.E. TRENCHING). CLOSURES WILL BE COORDINATED WITH THE PROPERTY OWNER TO MINIMIZE IMPACTS TO THE GREATEST EXTENT POSSIBLE DURING REGULAR BUSINESS HOURS.

61. THE BIKE RAMP FROM STA. 107+00, RT. TO STA. 107+50, RT. SHALL BE CONSTRUCTED WITH BASE BID ONLY. IF BID ALTERNATE *1 IS SELECTED, CONSTRUCTION OF THIS BIKE RAMP IS NOT REQUIRED. SEE BID ALTERNATE *1 PLANS FOR CLARITY.

Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \00\Highway\004_GenNotes.dgn

TOWN OF KITTERY

SIGNATURE

P.E. NUMBER

DATE

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SHEET NUMBER

4

OF 48



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HIGHWAY PLANS

MEMORIAL CIRCLE

GENERAL NOTES

CLEARING		
STATION	TO STATION	AC
1+72, RT.	1+91, RT.	0.01
402+32, LT.	402+91, LT.	0.02

ITEM 606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL, EA		
STA. 0+69.89, RT.		1

ITEM 606.23 GUARDRAIL TYPE 3C - SINGLE RAIL, LF		
STA. 0+69.89, 46.34' RT. TO STA. 0+51.39, 42.52' RT.		25
STA. 207+99.50, 55.56 LT. TO STA. 208+33.03, 33.06' LT.		37.5
STA. 208+79.41, 17.00' LT. TO STA. 210+75.20, 17.00' LT.		200

ITEM 606.232 GUARDRAIL TYPE 3C - OVER 15' RADIUS		
STA. 0+51.39, 42.52' RT. TO STA. 0+41.10, 41.12' RT.	100	12.5
STA. 0+41.10, 41.12' RT. TO STA. 207+77.88, 72.59' LT.	46	25
STA. 207+77.88, 72.59' LT. TO STA. 207+99.50, 55.56' LT.	74.5	25
STA. 208+33.03, 33.06' LT. TO STA. 208+79.41, 17.00' LT.	75'	50

ITEM 606.79 GUARDRAIL 350 FLARED TERMINAL		
STA. 210+75.20, 17.00' LT. TO STA. 211+11.43, 20.75' LT.	1 EA	

ITEM 608.26 CURB RAMP
DETECTABLE WARNING FIELDS

STATION/OFFSET	QUANTITY (SF)
102+26, 28' LT	11
102+39, 30' RT.	34
102+77, 46' LT.	20
102+84, 34' RT.	20
102+86, 16' LT.	20
102+88, 16' RT.	20
106+87, 10' RT.	22
106+89, 6' LT.	20
106+93, 28' RT.	20
106+98, 27' LT.	16
107+32, 21' RT.	13
107+74, 23' LT.	13
203+48, 34' RT.	11
203+50, 27' LT.	11
204+00, 39' LT.	20
204+07, 32' RT.	20
204+12, 17' LT.	22
204+12, 15' RT.	20
207+74, 17' RT.	25
207+79, 17' LT.	20
207+85, 41' RT.	20
207+94, 40' LT.	20
208+11, 35' RT.	13
208+37, 25' LT.	13
309+79, 5' LT.	16.4
309+83, 17' RT.	16.5
402+08, 24' LT.	14.3
402+56, 26' RT.	10.3
402+82, 32' RT.	20
402+86, 35' LT.	20
402+89, 9' RT.	20
402+92, 17' LT.	24

ITEM 610.08 - PLAIN RIPRAP		
STATION	DIMENSIONS	CY
208+27.66, LT.	7.5' x 4.5' x 1.5'	4

ITEM 610.08 - PLAIN RIPRAP - REBUILD SPILLWAY		
STA. 0+37, RT.	STA. 0+82, RT.	42

ITEM 613.319 - EROSION CONTROL BLANKET SY		
STATION 308+00 TO 309+50, LT.		110
102+00 TO 102+50, RT.		40

DRIVES AND ENTRANCES			
STATION	TO STATION	TYPE	
1+91, RT.	2+34, RT.	PAVED	
2+96, RT.	3+20, RT.	PAVED	
7+39, RT.	7+75, RT.	PAVED	
101+79, LT.	102+21, LT.	PAVED	
107+05, LT.	107+31, LT.	PAVED	
208+17, RT.	208+58, RT.	PAVED	
402+21, RT.	402+48, RT.	PAVED	

EARTHWORK SUMMARY

<u>COMMON EXCAVATION FOR ESTIMATE</u>			
COMMON EXCAVATION (FROM CROSS SECTIONS AND PLAN AREAS)		3632	
COMMON EXCAVATION FROM DRIVEWAYS		548	
GRUBBING IN FILL		455	
TOTAL COMMON EXCAVATION			<u>4635</u>
<u>FILL FOR BORROW CALCULATIONS</u>			
COMMON FILL (FROM CROSS SECTIONS)		345	
GRUBBING IN FILL		455	
TOTAL FILL			<u>800</u>
<u>ROCK EXCAVATION</u>			
ROCK EXCAVATION (ASSUMED QUANTITY)		50	
STRUCTURAL ROCK EXCAVATION (ASSUMED QUANTITY)		50	
TOTAL ROCK EXCAVATION			<u>100</u>
<u>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</u>			
(1) TOTAL COMMON EXCAVATION			<u>4635</u>
DEDUCTIONS:			
GRUBBING IN FILL		455	
GRUBBING IN CUT		190	
PAVEMENT REMOVAL		150	
(2) TOTAL DEDUCTIONS			<u>795</u>
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			<u>3840</u>
TOTAL AVAILABLE STRUCTURAL EXCAVATION			<u>500</u>
TOTAL AVAILABLE NON-ROCK EXCAVATION			<u>4340</u>
<u>COMPUTATION OF WASTE MATERIAL</u>			
GRUBBING IN FILL		455	
GRUBBING IN CUT		190	
PAVEMENT REMOVAL		150	
TOTAL WASTE MATERIAL			<u>795</u>
<u>COMPUTATION OF COMMON BORROW FOR ESTIMATE</u>			
(3) TOTAL FILL			<u>800</u>
TOTAL AVAILABLE NON-ROCK EXCAVATION	4340 x 0.90	3906	
TOTAL AVAILABLE ROCK EXCAVATION	50 x 1.30	65	
TOTAL AVAILABLE STRUCTURAL ROCK EXCAVATION	50 x 1.30	65	
(4) TOTAL AVAILABLE EXCAVATION			<u>4036</u>
BORROW REQUIRED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			<u>0.0</u>
<u>SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL, PLUS TOTAL WASTE MATERIAL TO BE WASTED</u>			<u>4031</u>

TOWN OF KITTERY

WIN

18184.00

HIGHWAY PLANS

PROJ. MANAGER	B. KEIZER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	BKH	MPC	03/17			
CHECKED-REVIEWED	DGE		03/17			
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

KITTERY
MEMORIAL CIRCLE
CONSTRUCTION NOTES

SHEET NUMBER

5

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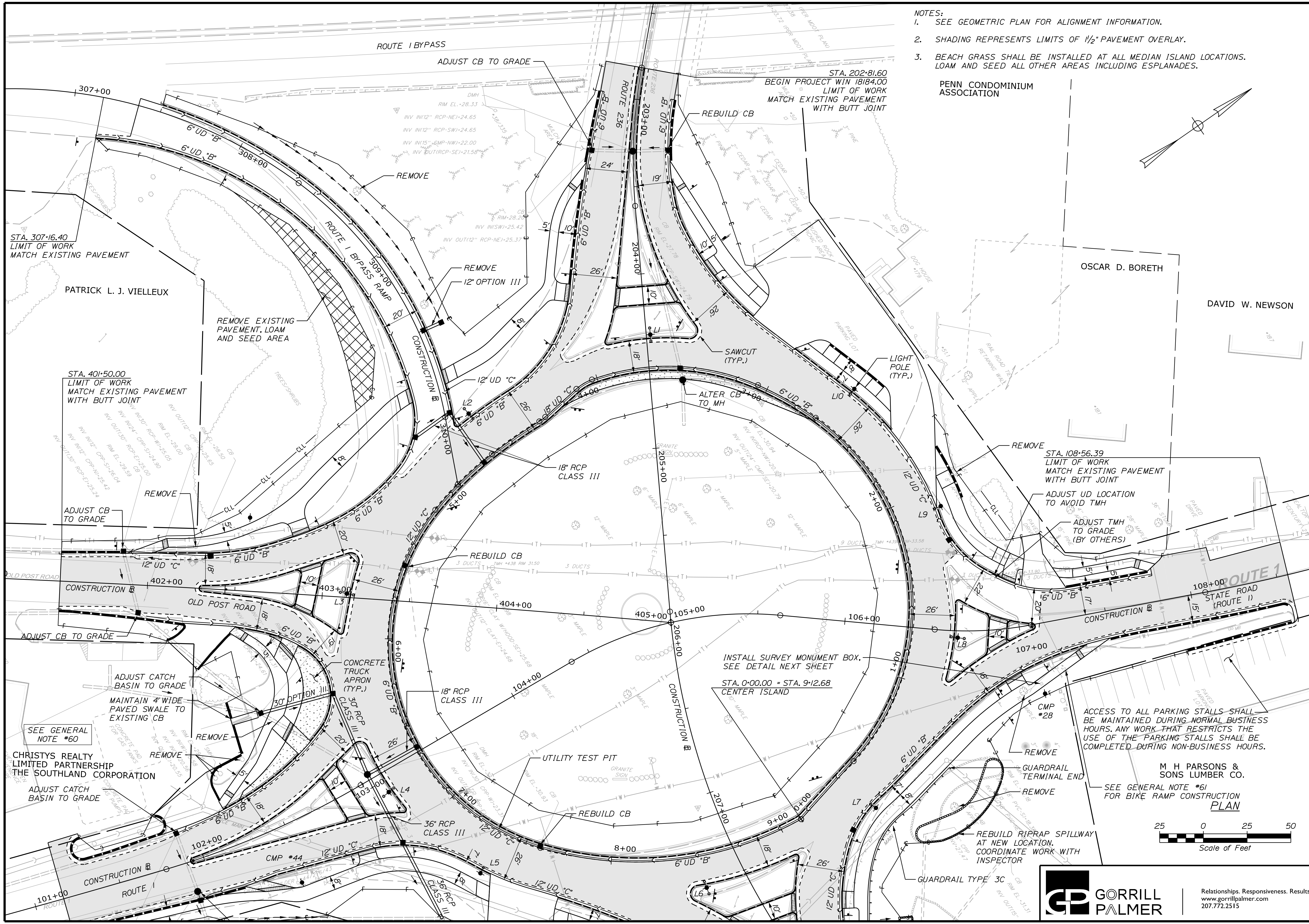
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Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...\\00\Highway\006_Plan1.dgn



- NOTES:
- SEE GEOMETRIC PLAN FOR ALIGNMENT INFORMATION.
 - SHADING REPRESENTS LIMITS OF 1/2" PAVEMENT OVERLAY.
 - BEACH GRASS SHALL BE INSTALLED AT ALL MEDIAN ISLAND LOCATIONS. LOAM AND SEED ALL OTHER AREAS INCLUDING ESPLANADES.

PENN CONDOMINIUM ASSOCIATION

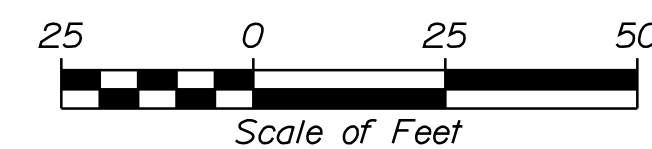
TOWN OF KITTERY		HIGHWAY PLANS	
KITTERY MEMORIAL CIRCLE		PLANS	
SHEET NUMBER		6	
OF 48		WIN 18184.00	
PROJ. MANAGER	DATE	BY	DATE
CHECKED/REVIEWED	03/17	MPC	03/17
DESIGNED/DET. A.D.			
DESIGNED/DET. B.D.			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		P.E. NUMBER	
DATE		DATE	

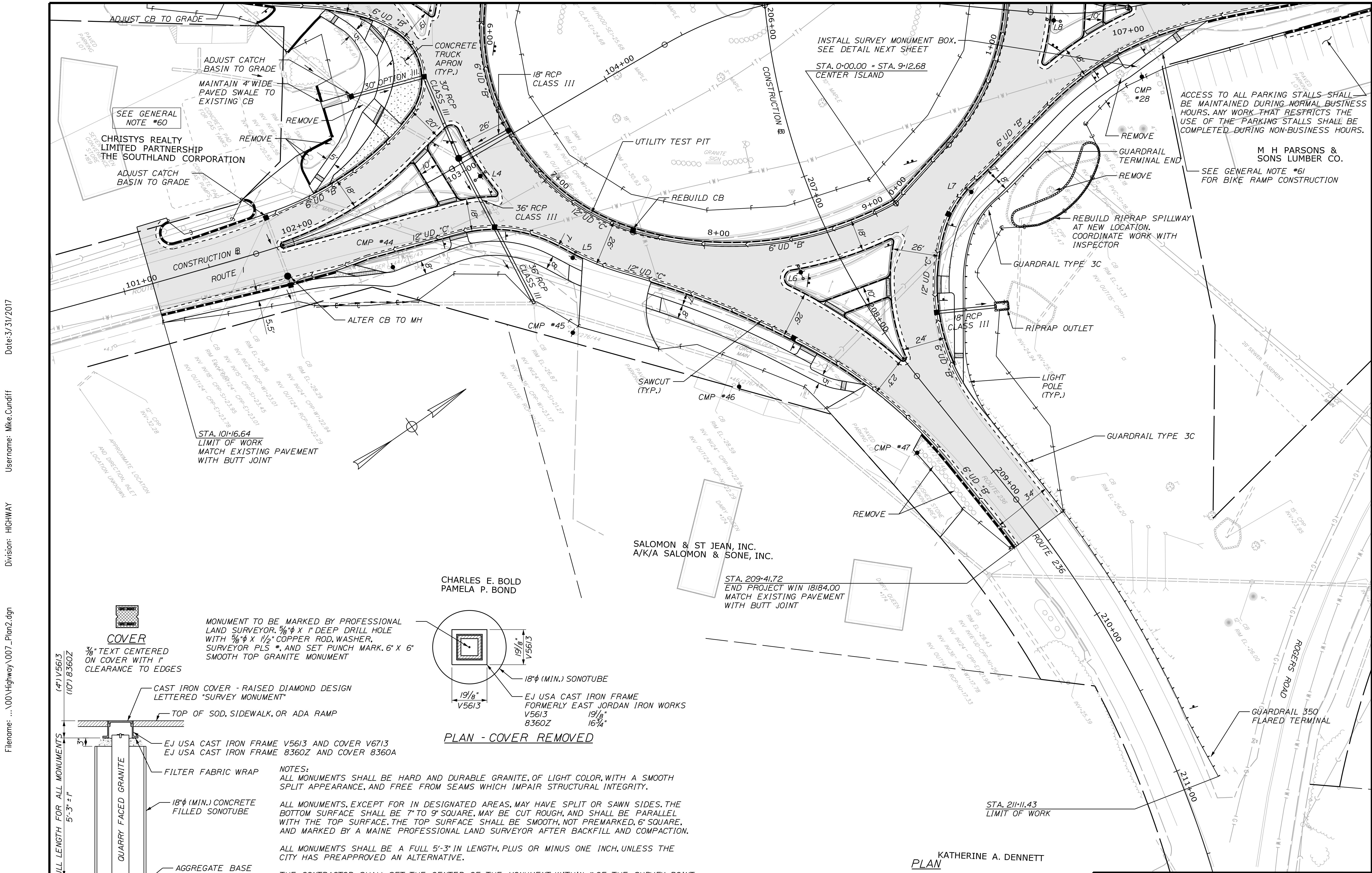


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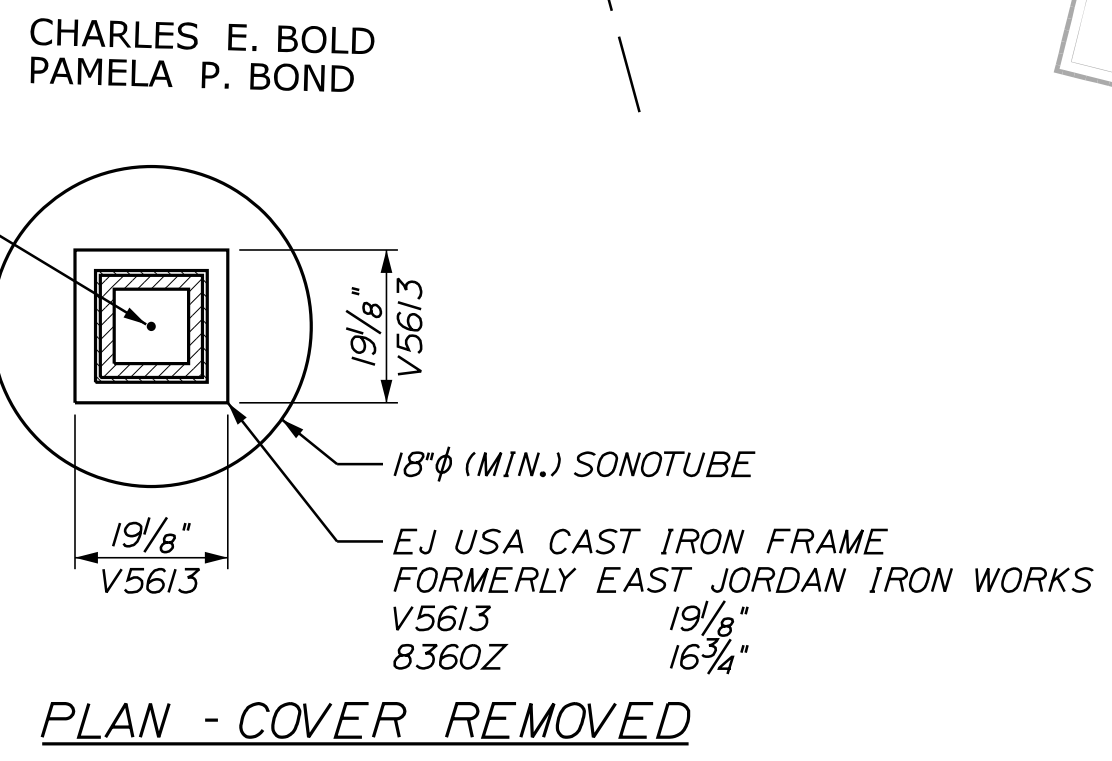
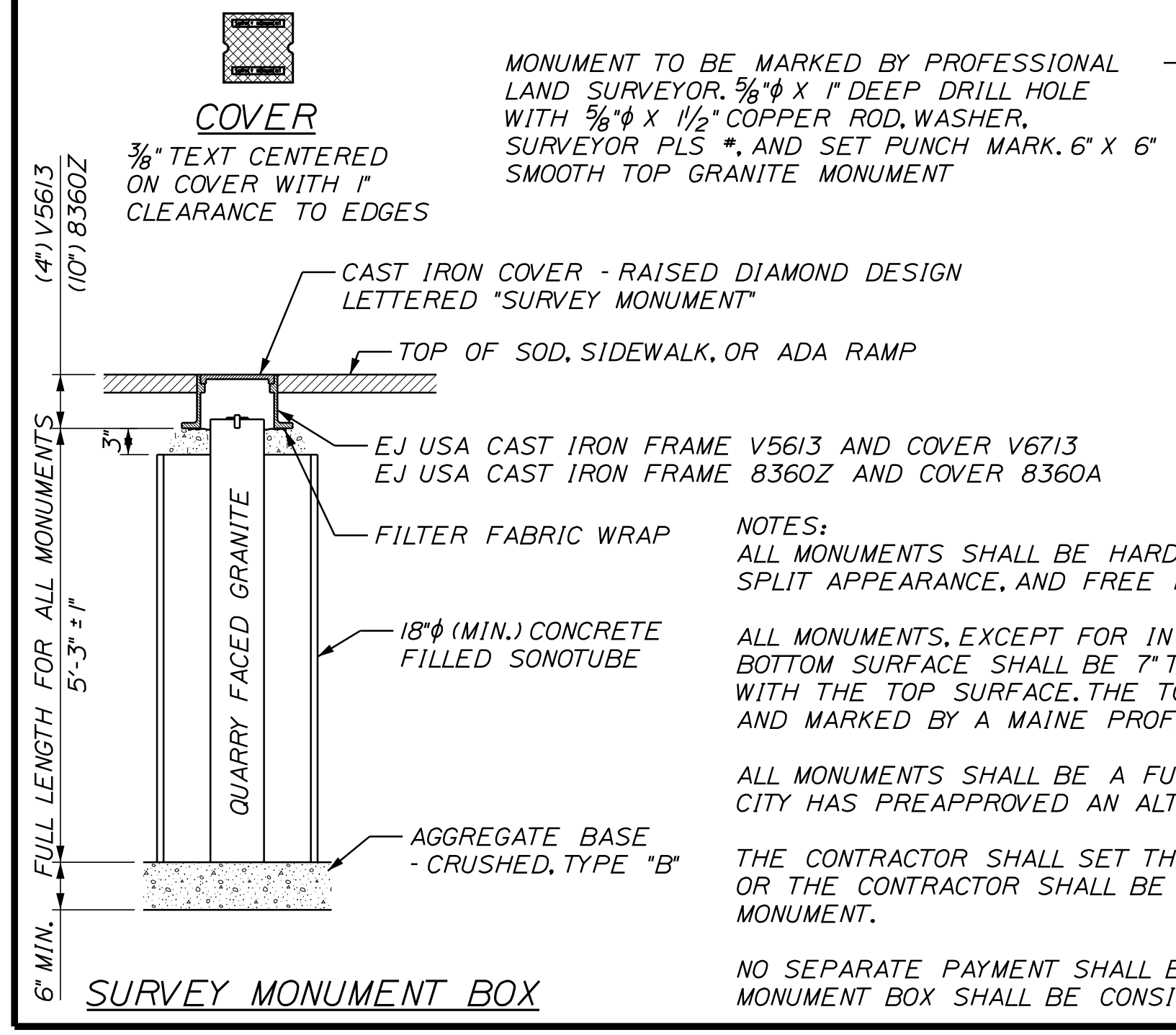
M H PARSONS & SONS LUMBER CO.

SEE GENERAL NOTE #61 FOR BIKE RAMP CONSTRUCTION PLAN

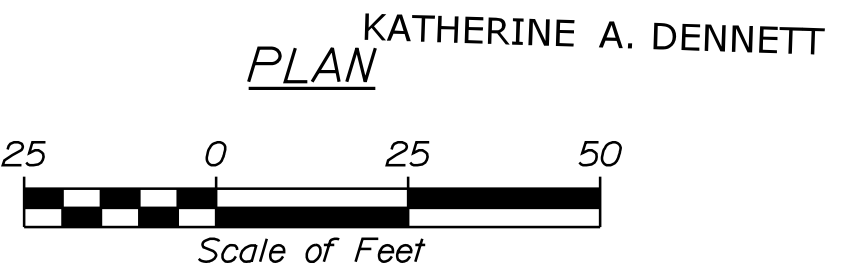




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 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 3/31/2017

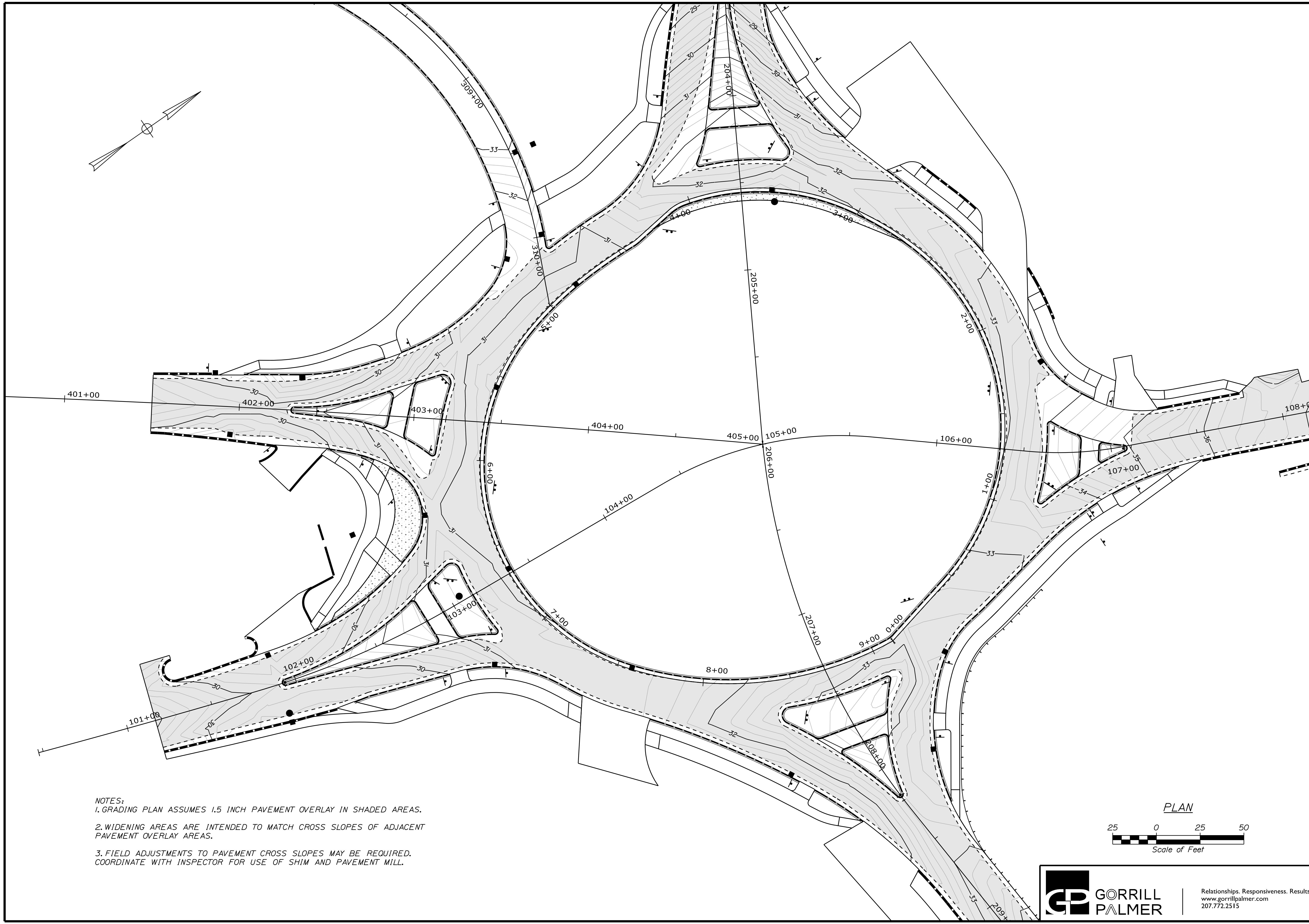


NOTES:
 ALL MONUMENTS SHALL BE HARD AND DURABLE GRANITE, OF LIGHT COLOR, WITH A SMOOTH SPLIT APPEARANCE, AND FREE FROM SEAMS WHICH IMPAIR STRUCTURAL INTEGRITY.
 ALL MONUMENTS, EXCEPT FOR IN DESIGNATED AREAS, MAY HAVE SPLIT OR SAWN SIDES. THE BOTTOM SURFACE SHALL BE 7" TO 9" SQUARE, MAY BE CUT ROUGH, AND SHALL BE PARALLEL WITH THE TOP SURFACE. THE TOP SURFACE SHALL BE SMOOTH, NOT PREMARKED, 6" SQUARE, AND MARKED BY A MAINE PROFESSIONAL LAND SURVEYOR AFTER BACKFILL AND COMPACTION.
 ALL MONUMENTS SHALL BE A FULL 5'-3" IN LENGTH, PLUS OR MINUS ONE INCH, UNLESS THE CITY HAS PREAPPROVED AN ALTERNATIVE.
 THE CONTRACTOR SHALL SET THE CENTER OF THE MONUMENT WITHIN 1" OF THE SURVEY POINT, OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING IT AND SETTING ANOTHER MONUMENT.
 NO SEPARATE PAYMENT SHALL BE MADE FOR SURVEY MONUMENT BOX. ALL WORK RELATED TO MONUMENT BOX SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 COMMON EXCAVATION.

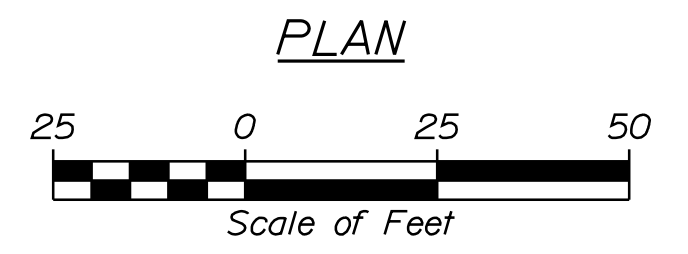


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TOWN OF KITTERY		WIN 18184.00		HIGHWAY PLANS
KITTERY MEMORIAL CIRCLE		PLANS		SHEET NUMBER
7		OF 48		
PROJ. MANAGER	B. KEEZER	BY	DATE	
DESIGN DETAILED	B.M.H.	M.P.C.	03/17	SIGNATURE
CHECKED/REVIEWED	D.G.E.		03/17	P.E. NUMBER
DESIGNS DETAILED				DATE
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				



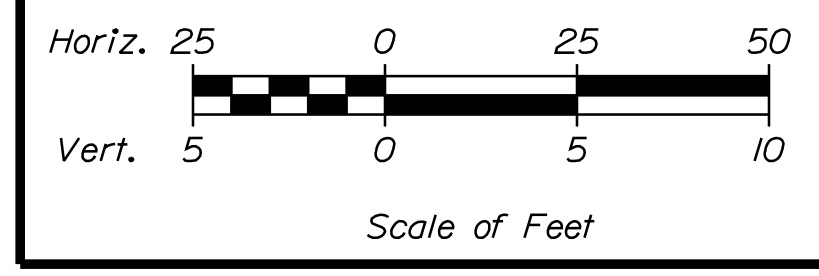
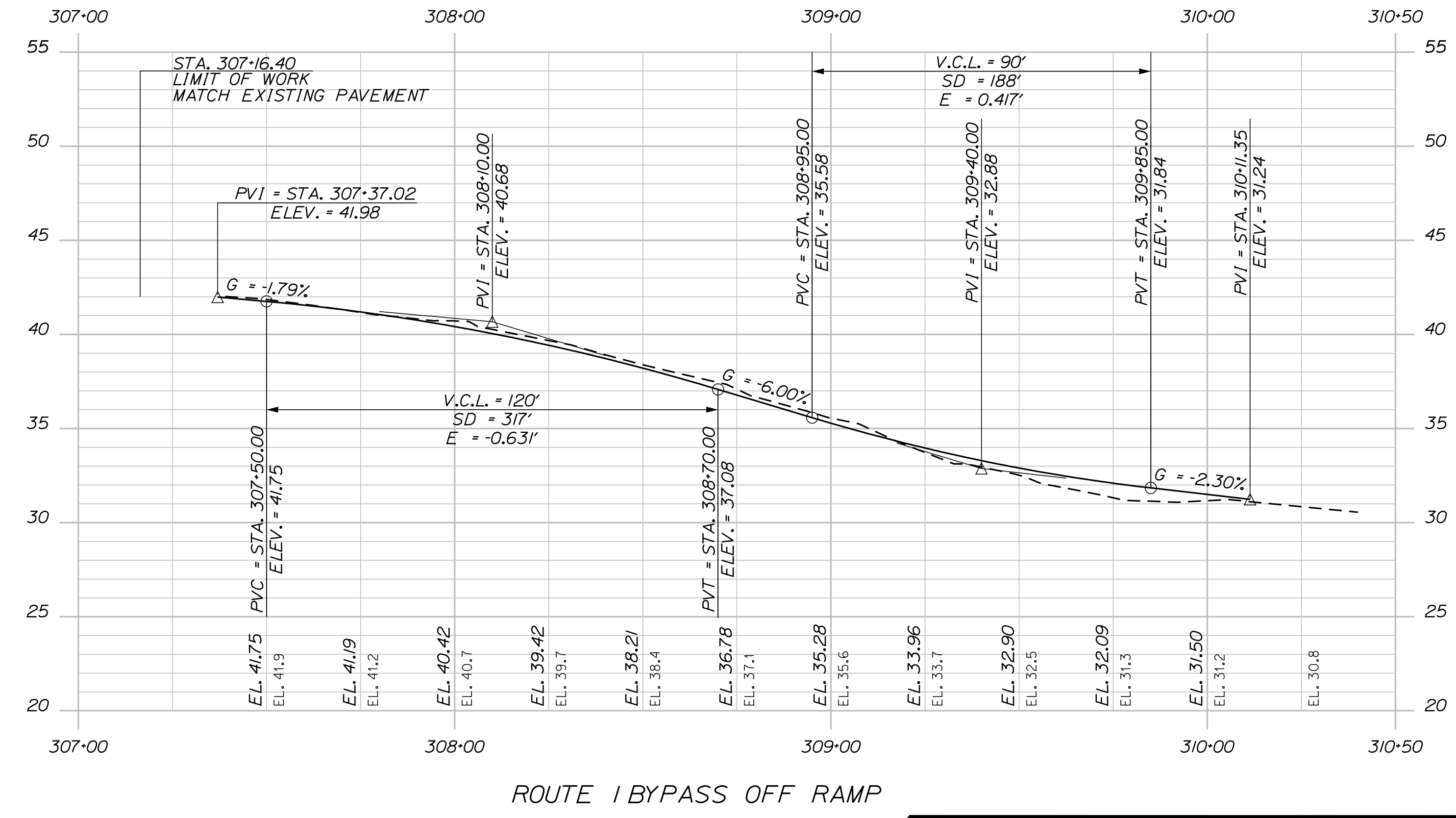
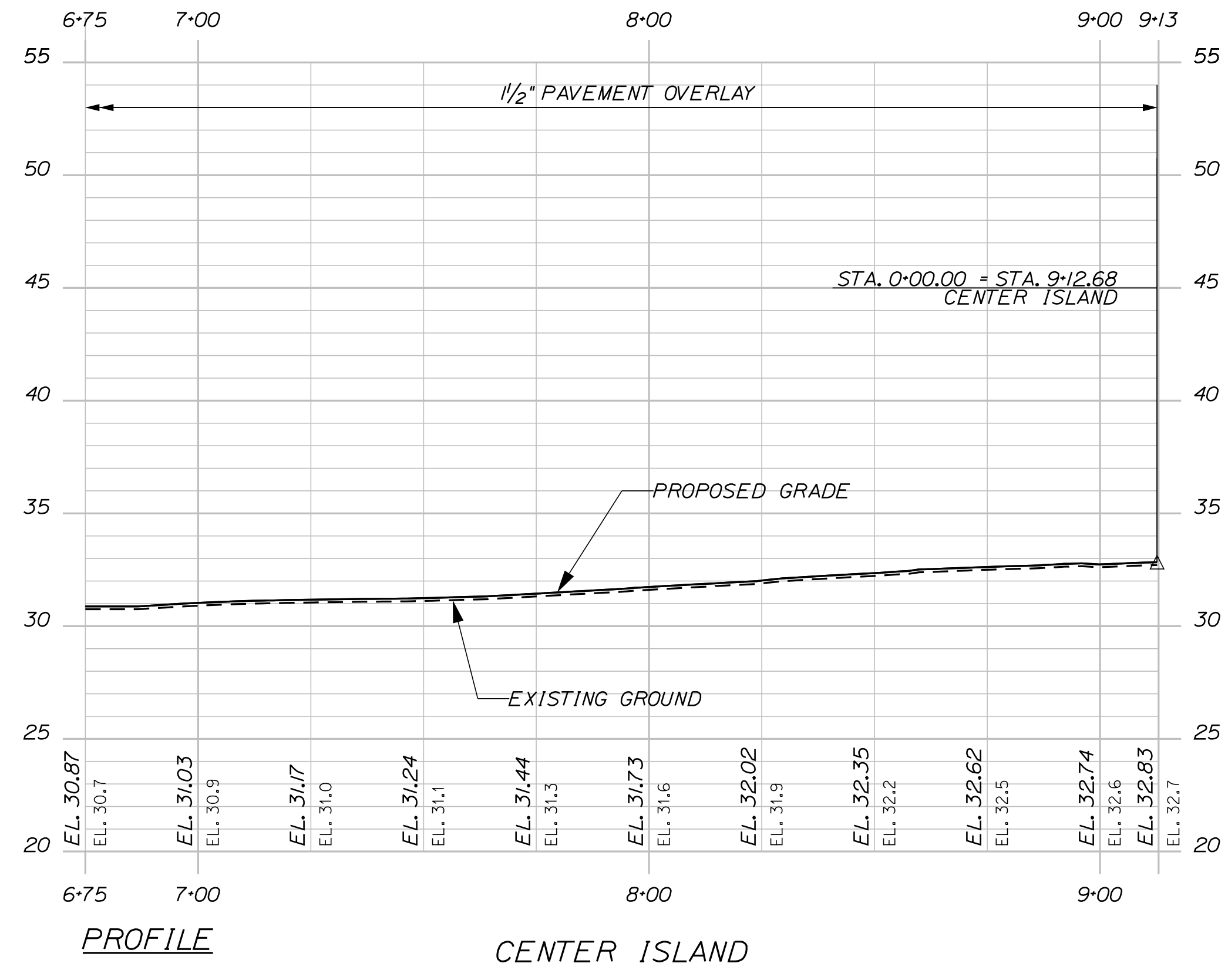
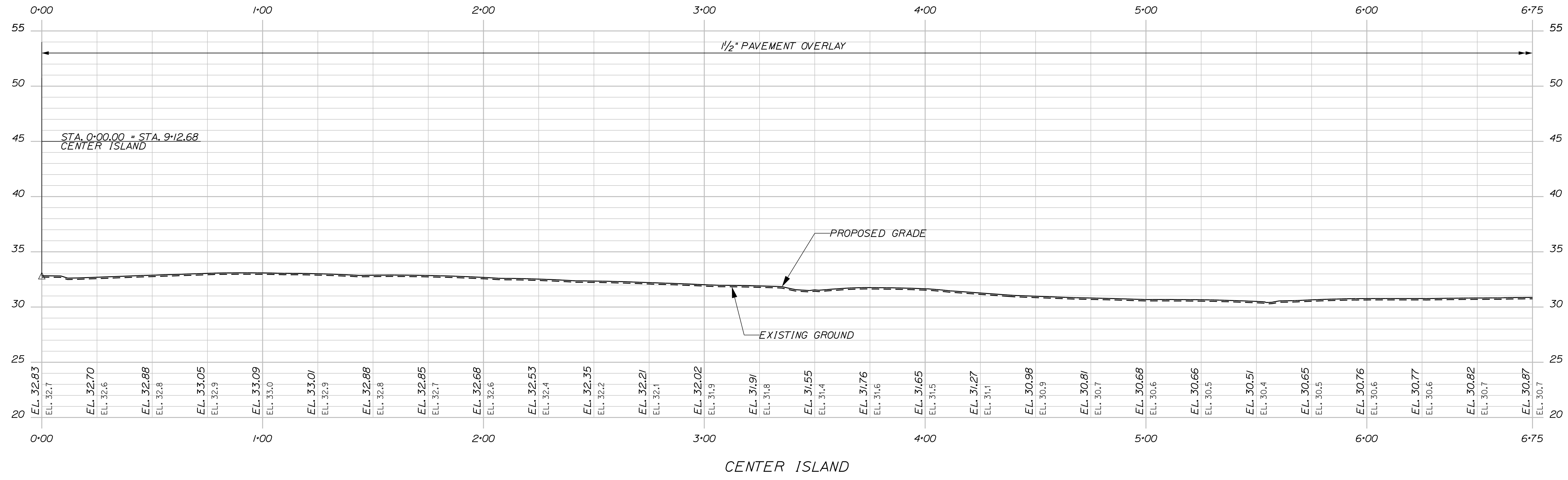
- NOTES:
1. GRADING PLAN ASSUMES 1.5 INCH PAVEMENT OVERLAY IN SHADED AREAS.
 2. WIDENING AREAS ARE INTENDED TO MATCH CROSS SLOPES OF ADJACENT PAVEMENT OVERLAY AREAS.
 3. FIELD ADJUSTMENTS TO PAVEMENT CROSS SLOPES MAY BE REQUIRED. COORDINATE WITH INSPECTOR FOR USE OF SHIM AND PAVEMENT MILL.



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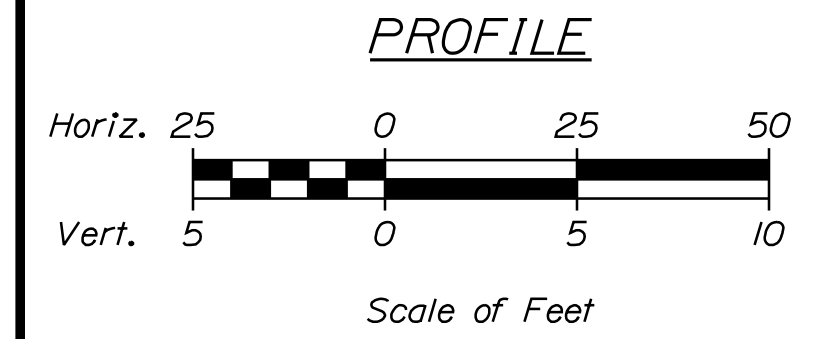
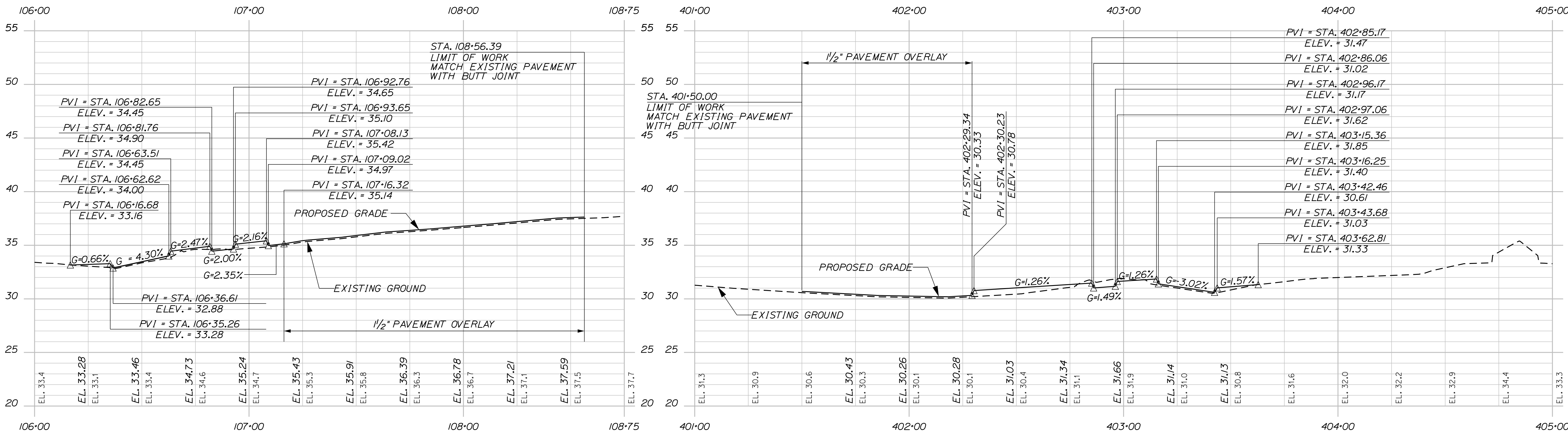
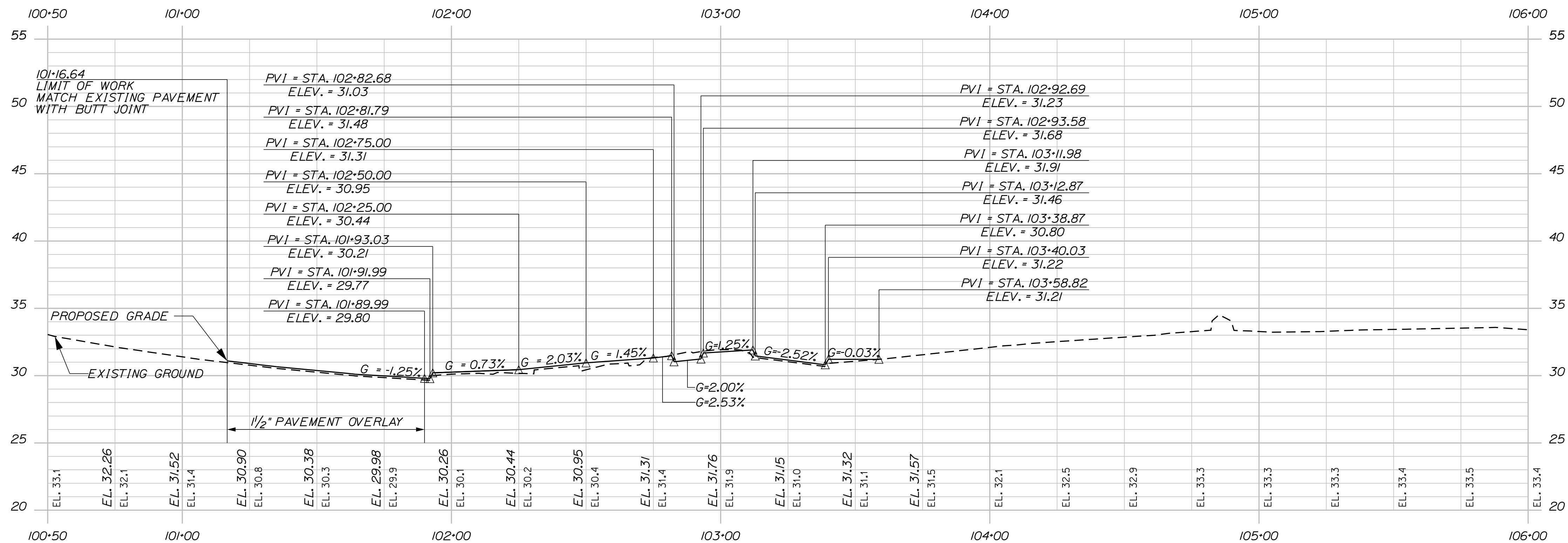
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TOWN OF KITTERY		SIGNATURE		DATE	
MEMORIAL CIRCLE		P.E. NUMBER		DATE	
GRADING PLAN		FIELD CHANGES		DATE	
SHEET NUMBER		WIN		HIGHWAY PLANS	
8		18184.00			
OF 48					



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TOWN OF KITTERY	
SIGNATURE	P.E. NUMBER
DATE	DATE
MEMORIAL CIRCLE	
PROFILES	
SHEET NUMBER	
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OF 48	
WIN 18184.00 HIGHWAY PLANS	



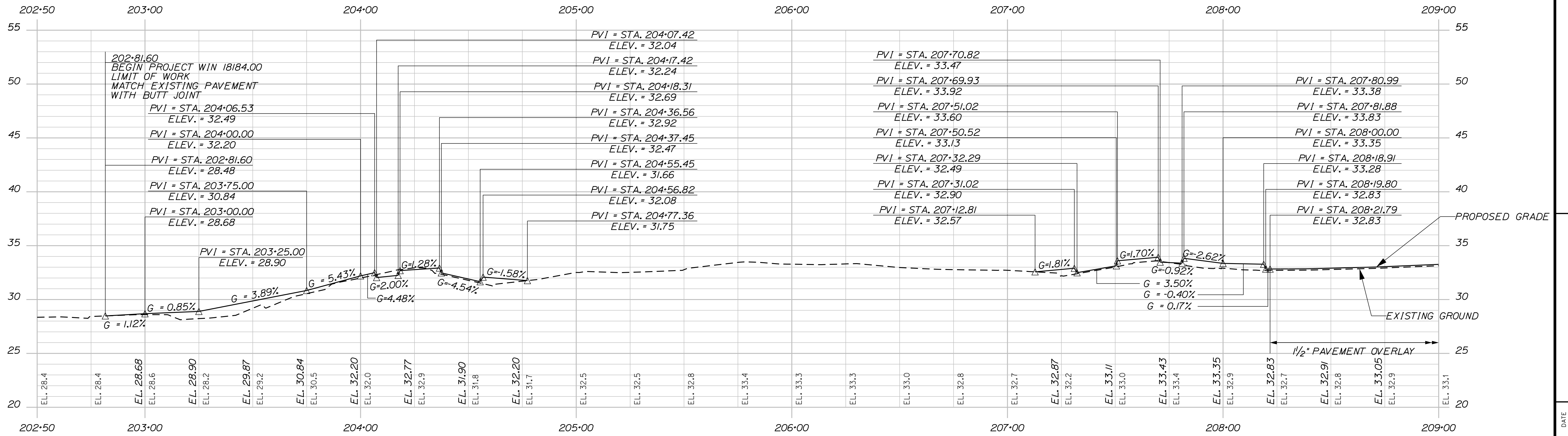
TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
PROJ. MANAGER	B. KEIZER	BY	MPC
DESIGN-DETAILED	BMH	DATE	03/17
CHECKED-REVIEWED	DGE	DATE	03/17
DESIGN-DETAILED		DATE	
REVISIONS 1		DATE	
REVISIONS 2		DATE	
REVISIONS 3		DATE	
REVISIONS 4		DATE	
FIELD CHANGES		DATE	
KITTERY MEMORIAL CIRCLE		PROFILES	
SHEET NUMBER		10	
		OF 48	

Date: 3/31/2017

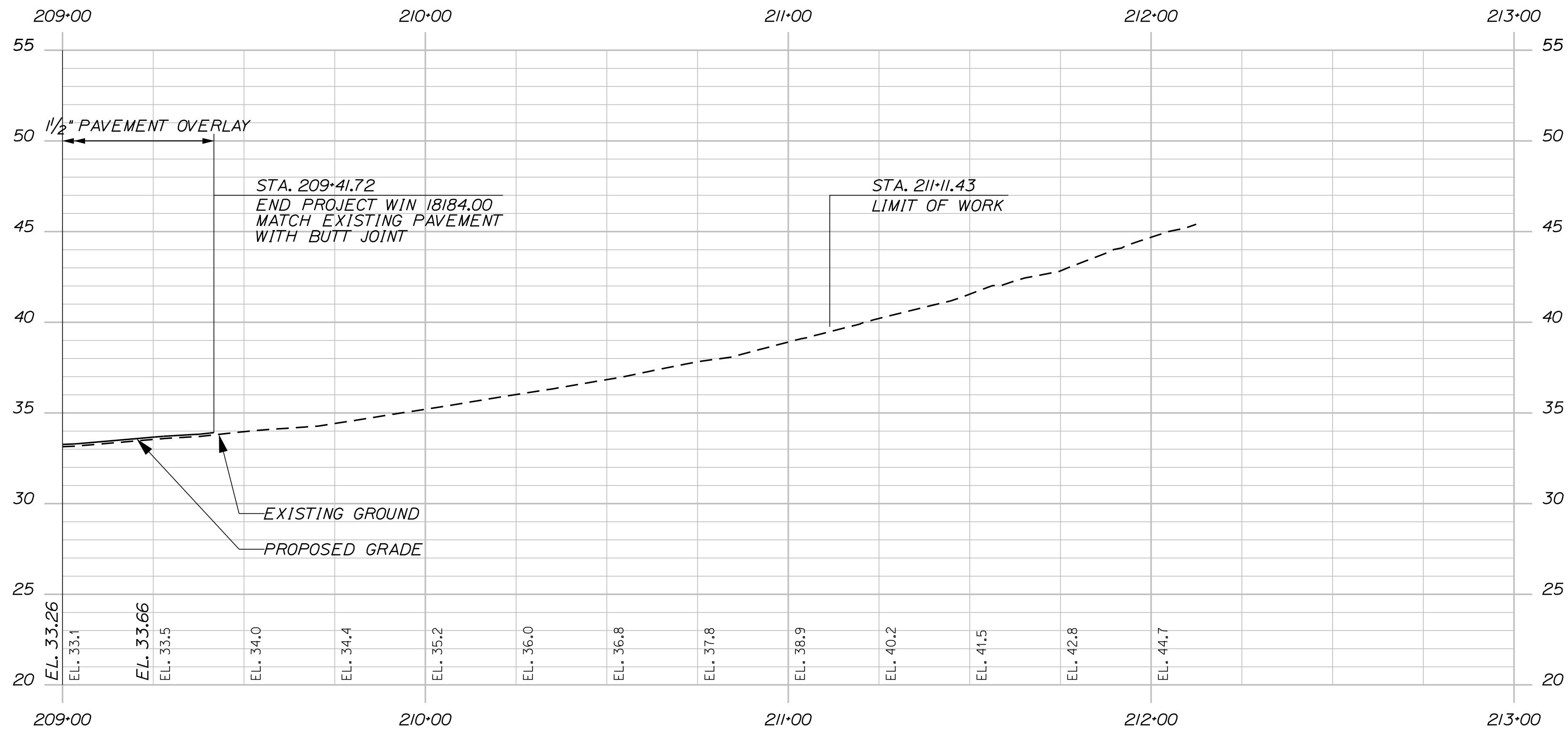
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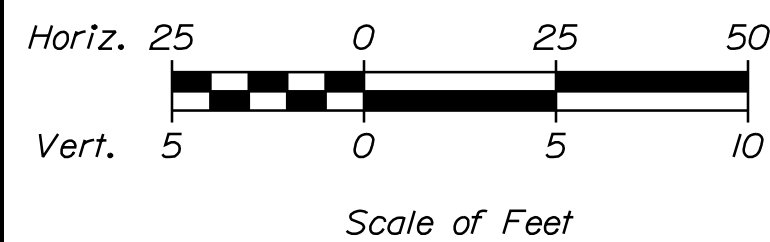
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ROUTE 236



ROUTE 236



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TOWN OF KITTERY		WIN 18184.00		HIGHWAY PLANS	
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
DESIGN-DETAILED	03/17	MPC	03/17		
CHECKED-REVIEWED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					
KITTERY MEMORIAL CIRCLE			PROFILES		
SHEET NUMBER			11		
			OF 48		

STATION EQUATION

- 1 STA. 105+00.00 ROUTE 1 = STA. 206+00.00 ROUTE 236 = STA. 405+00.00 OLD POST ROAD
- 2 STA. 204+53.42 ROUTE 236 = STA. 3+69.54 CENTER ISLAND
- 3 STA. 207+34.31 ROUTE 236 = STA. 8+70.39 CENTER ISLAND
- 4 STA. 103+36.87 ROUTE 1 = STA. 6+67.54 CENTER ISLAND
- 5 STA. 106+38.61 ROUTE 1 = STA. 1+29.66 CENTER ISLAND
- 6 STA. 310+40.00 ROUTE 1A BYPASS = STA. 5+00.66 CENTER ISLAND
- 7 STA. 403+40.44 OLD POST ROAD = STA. 5+77.93 CENTER ISLAND
- 8 STA. 0+00.00 CENTER ISLAND = STA. 9+12.68 CENTER ISLAND

CURVE DATA B1
 PI = 101+12.55
 D = 1°05'32.6"
 Δ = 1°25'25.2" Lt.
 R = 5245.00'
 L = 130.33'
 T = 65.17'
 E = 0.40'

CURVE DATA B2
 PI = 102+38.66
 D = 11°27'33.0"
 Δ = 13°54'01.5" Lt.
 R = 500.00'
 L = 121.30'
 T = 60.95'
 E = 3.70'

CURVE DATA B3
 PI = 105+02.88
 D = 28°38'52.4"
 Δ = 35°34'16.2" Rt.
 R = 200.00'
 L = 124.17'
 T = 64.16'
 E = 10.04'

CURVE DATA B4
 PI = 106+79.44
 D = 28°38'52.4"
 Δ = 15°52'20.9" Lt.
 R = 200.00'
 L = 55.41'
 T = 27.88'
 E = 1.93'

CURVE DATA B5
 PI = 110+25.05
 D = 5°54'06.9"
 Δ = 25°11'06.6" Lt.
 R = 970.80'
 L = 426.73'
 T = 216.87'
 E = 23.93'

CURVE DATA C1
 PI = 203+21.52
 D = 19°05'54.9"
 Δ = 15°09'27.8" Lt.
 R = 300.00'
 L = 79.37'
 T = 39.92'
 E = 2.64'

CURVE DATA C2
 PI = 207+15.75
 D = 14°19'26.2"
 Δ = 33°55'34.5" Lt.
 R = 400.00'
 L = 236.85'
 T = 122.01'
 E = 18.19'

CURVE DATA C3
 PI = 210+69.16
 D = 9°10'02.4"
 Δ = 26°45'55.3" Rt.
 R = 625.00'
 L = 291.96'
 T = 148.70'
 E = 17.45'

CURVE DATA D1
 PI = 305+55.85
 D = 0°27'30.1"
 Δ = 0°55'00.2" Lt.
 R = 12500.00'
 L = 200.00'
 T = 100.00'
 E = 0.40'

CURVE DATA D2
 PI = 307+51.10
 D = 20°50'05.4"
 Δ = 38°12'32.4" Rt.
 R = 275.00'
 L = 183.39'
 T = 95.25'
 E = 16.03'

CURVE DATA D3
 PI = 309+24.02
 D = 26°31'33.0"
 Δ = 42°51'36.8" Rt.
 R = 216.00'
 L = 161.58'
 T = 84.78'
 E = 16.04'

CURVE DATA A1
 PI = 1+93.42
 D = 43°24'21.2"
 Δ = 96°48'52.4" Lt.
 R = 132.00'
 L = 223.04'
 T = 148.71'
 E = 66.85'

CURVE DATA A2
 PI = 2+86.79
 D = 30°18'54.8"
 Δ = 11°30'25.7" Lt.
 R = 189.00'
 L = 37.96'
 T = 19.04'
 E = 0.96'

CURVE DATA A3
 PI = 3+56.87
 D = 44°56'16.3"
 Δ = 43°43'40.7" Lt.
 R = 127.50'
 L = 97.31'
 T = 51.16'
 E = 9.88'

CURVE DATA A4
 PI = 4+08.28
 D = 212°12'23.7"
 Δ = 22°05'09.4" Lt.
 R = 27.00'
 L = 10.41'
 T = 5.27'
 E = 0.51'

CURVE DATA A5
 PI = 4+39.52
 D = 249°06'43.5"
 Δ = 10°33'35.5" Rt.
 R = 23.00'
 L = 4.24'
 T = 2.13'
 E = 0.10'

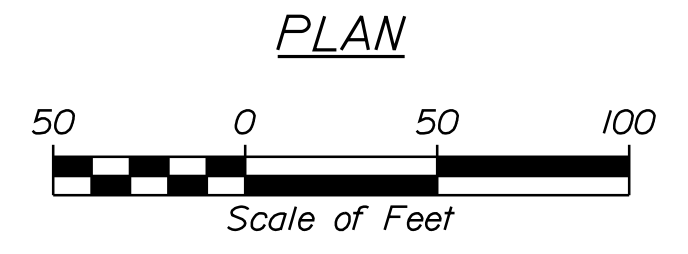
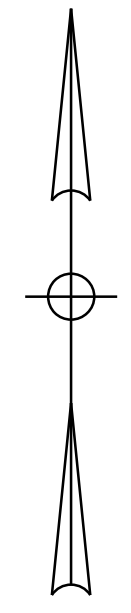
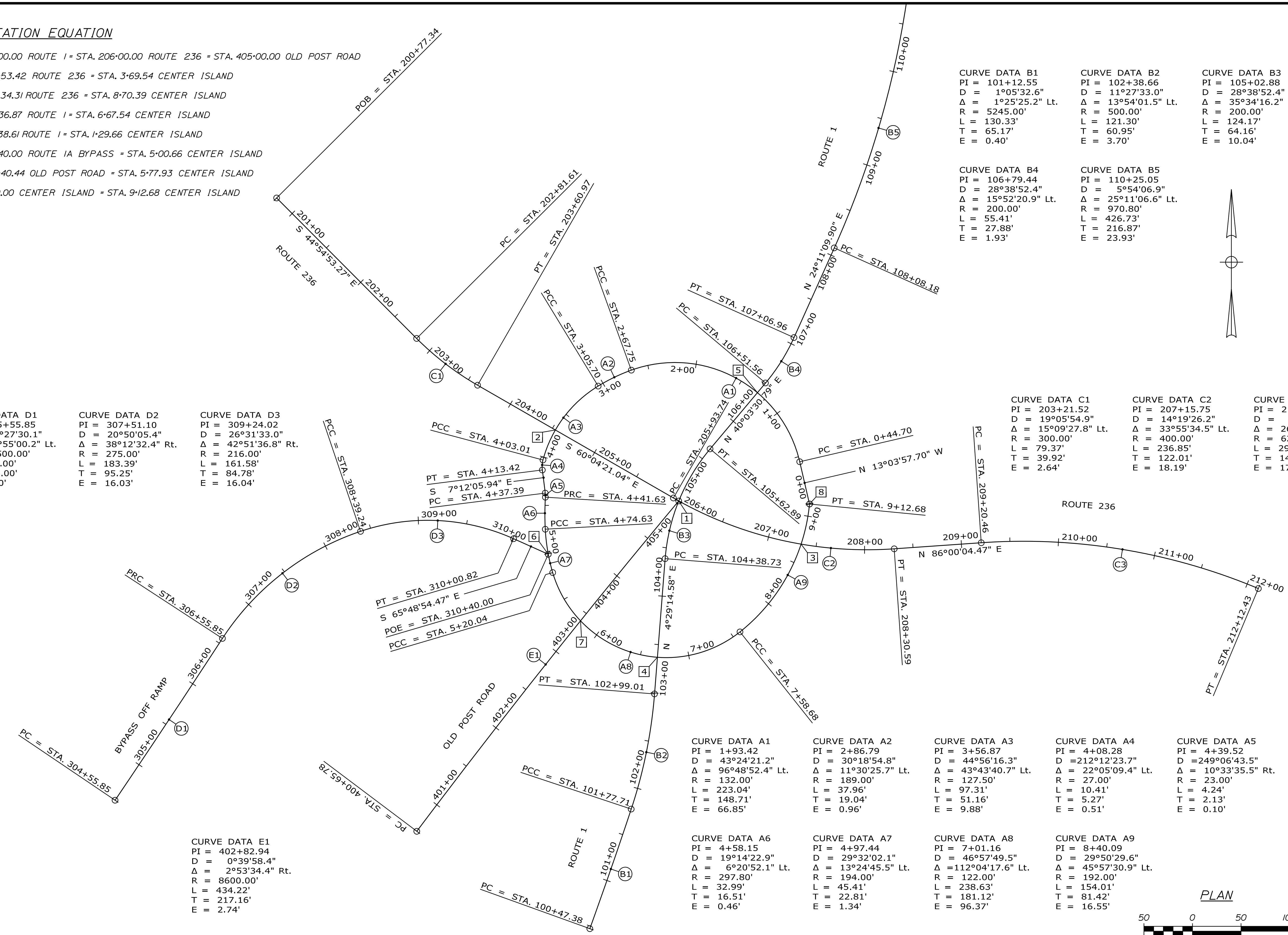
CURVE DATA A6
 PI = 4+58.15
 D = 19°14'22.9"
 Δ = 6°20'52.1" Lt.
 R = 297.80'
 L = 32.99'
 T = 16.51'
 E = 0.46'

CURVE DATA A7
 PI = 4+97.44
 D = 29°32'02.1"
 Δ = 13°24'45.5" Lt.
 R = 194.00'
 L = 45.41'
 T = 22.81'
 E = 1.34'

CURVE DATA A8
 PI = 7+01.16
 D = 46°57'49.5"
 Δ = 112°04'17.6" Lt.
 R = 122.00'
 L = 238.63'
 T = 181.12'
 E = 96.37'

CURVE DATA A9
 PI = 8+40.09
 D = 29°50'29.6"
 Δ = 45°57'30.9" Lt.
 R = 192.00'
 L = 154.01'
 T = 81.42'
 E = 16.55'

CURVE DATA E1
 PI = 402+82.94
 D = 0°39'58.4"
 Δ = 2°53'34.4" Rt.
 R = 8600.00'
 L = 434.22'
 T = 217.16'
 E = 2.74'



Filename: ... \00\Highway\012_Geometry.dgn
 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 3/31/2017

TOWN OF KITTERY

WIN
18184.00

HIGHWAY PLANS

PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN-DETAILED	BMH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

**KITTERY
 MEMORIAL CIRCLE
 GEOMETRIC PLAN**

SHEET NUMBER

12

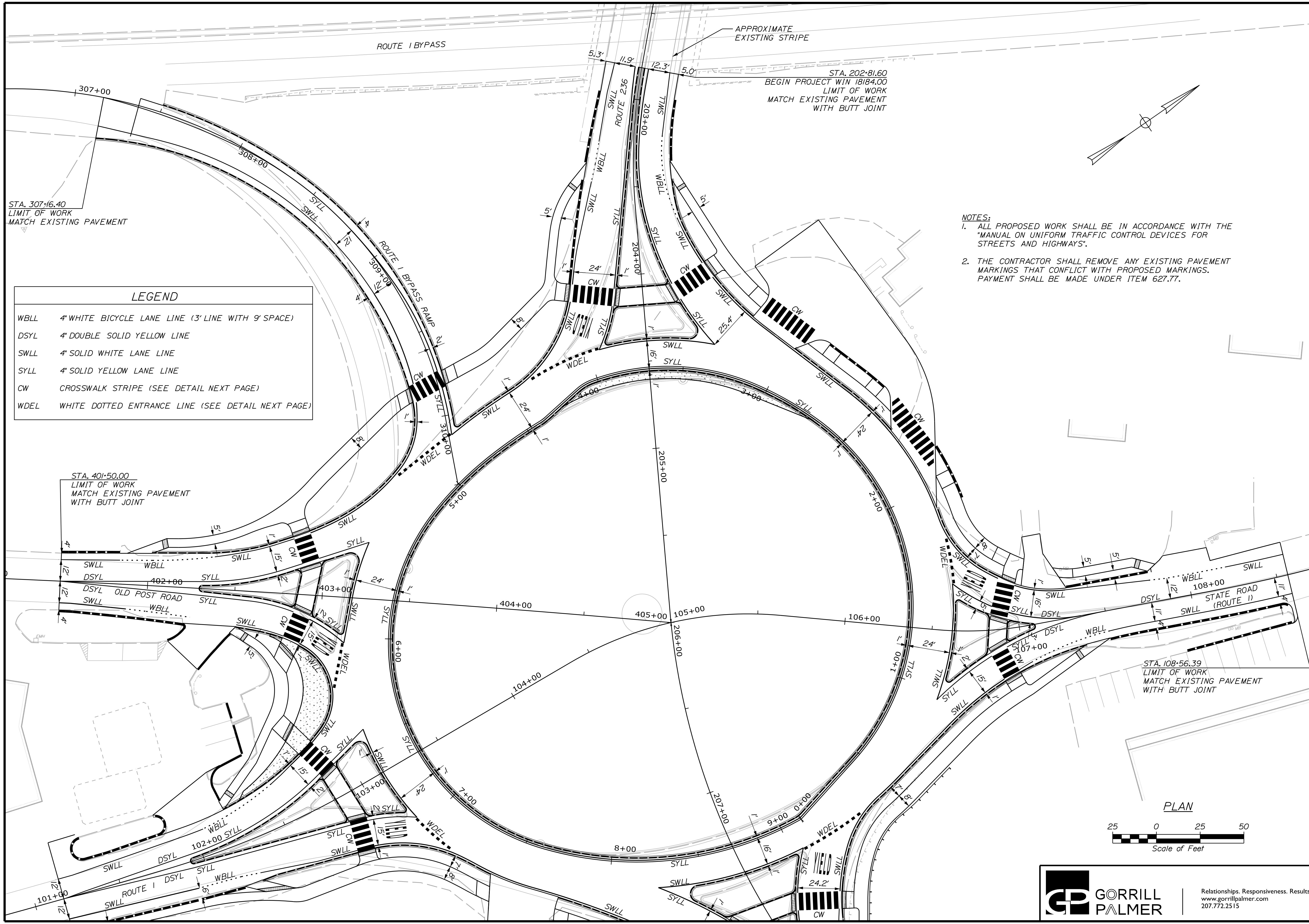
OF 48

Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

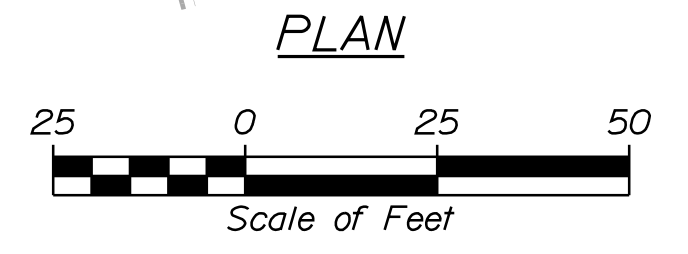
Filename: ... \013_One Lane Striping 1-2.dgn



LEGEND

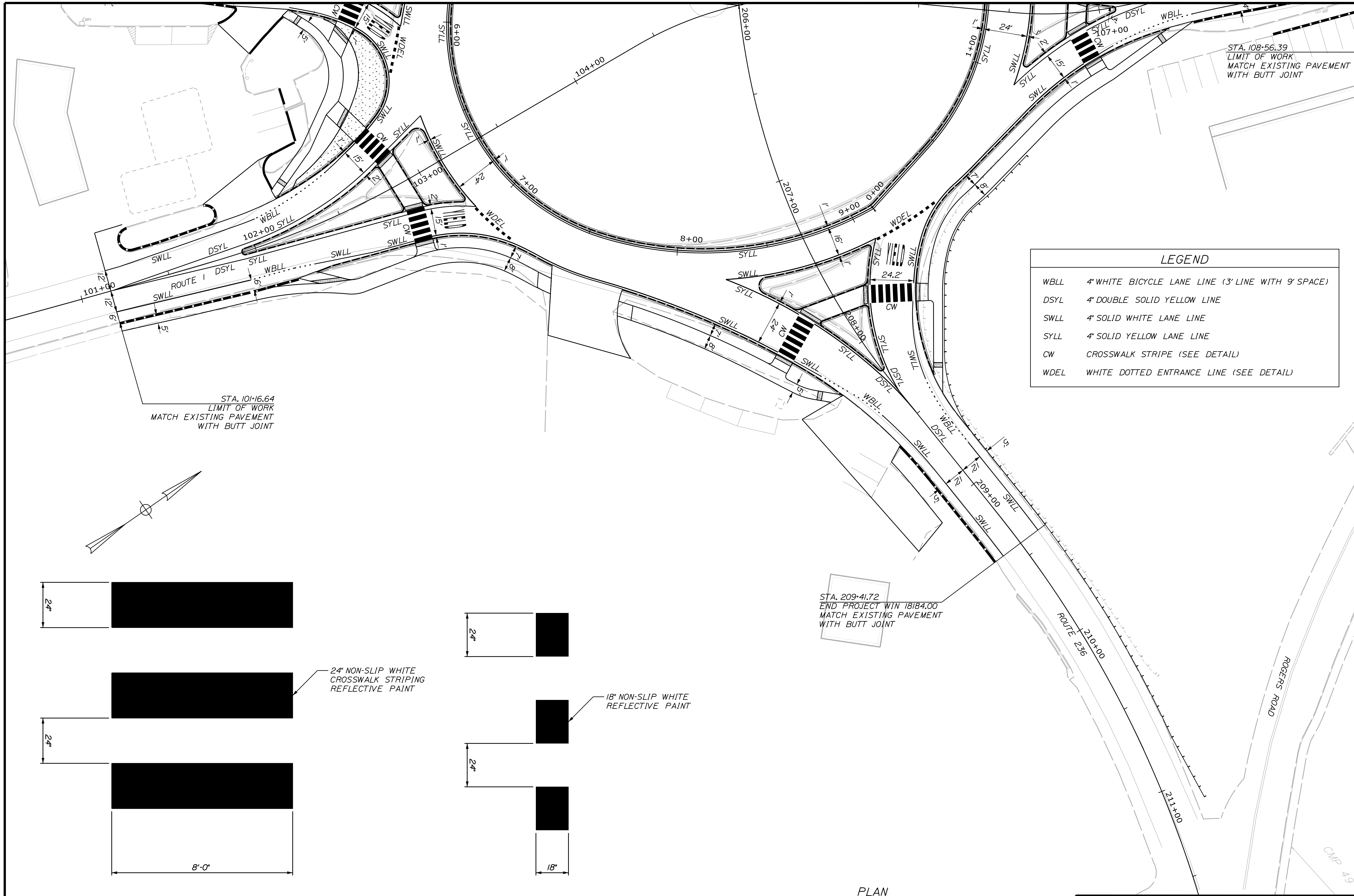
WBLL	4" WHITE BICYCLE LANE LINE (3' LINE WITH 9' SPACE)
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
CW	CROSSWALK STRIPE (SEE DETAIL NEXT PAGE)
WDEL	WHITE DOTTED ENTRANCE LINE (SEE DETAIL NEXT PAGE)

- NOTES:**
1. ALL PROPOSED WORK SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
 2. THE CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS. PAYMENT SHALL BE MADE UNDER ITEM 627.77.



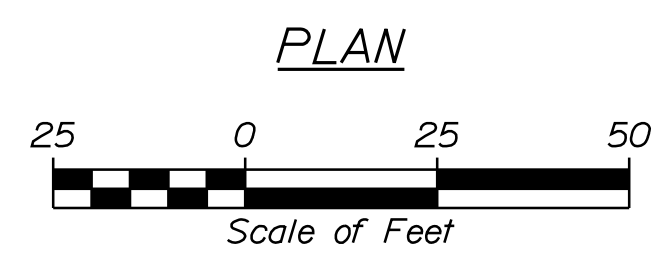
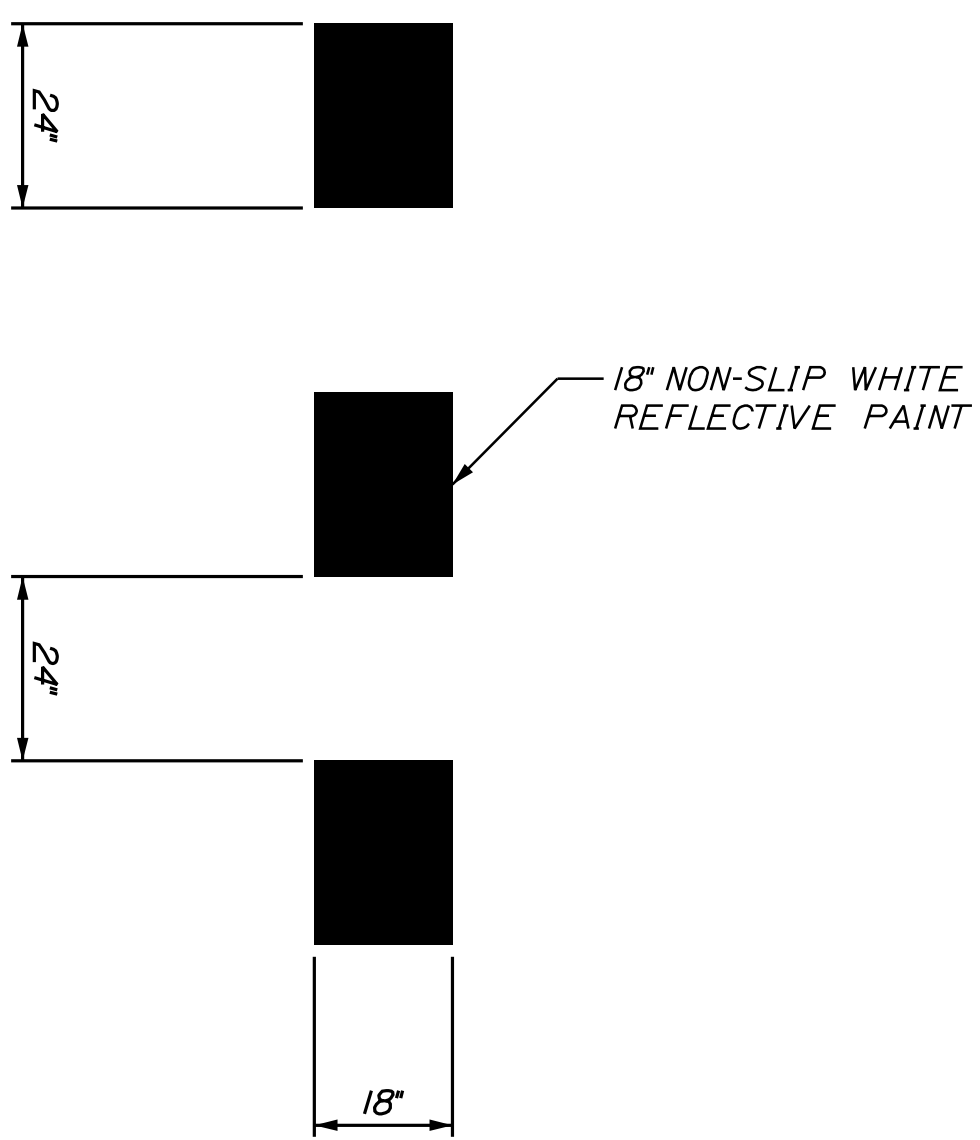
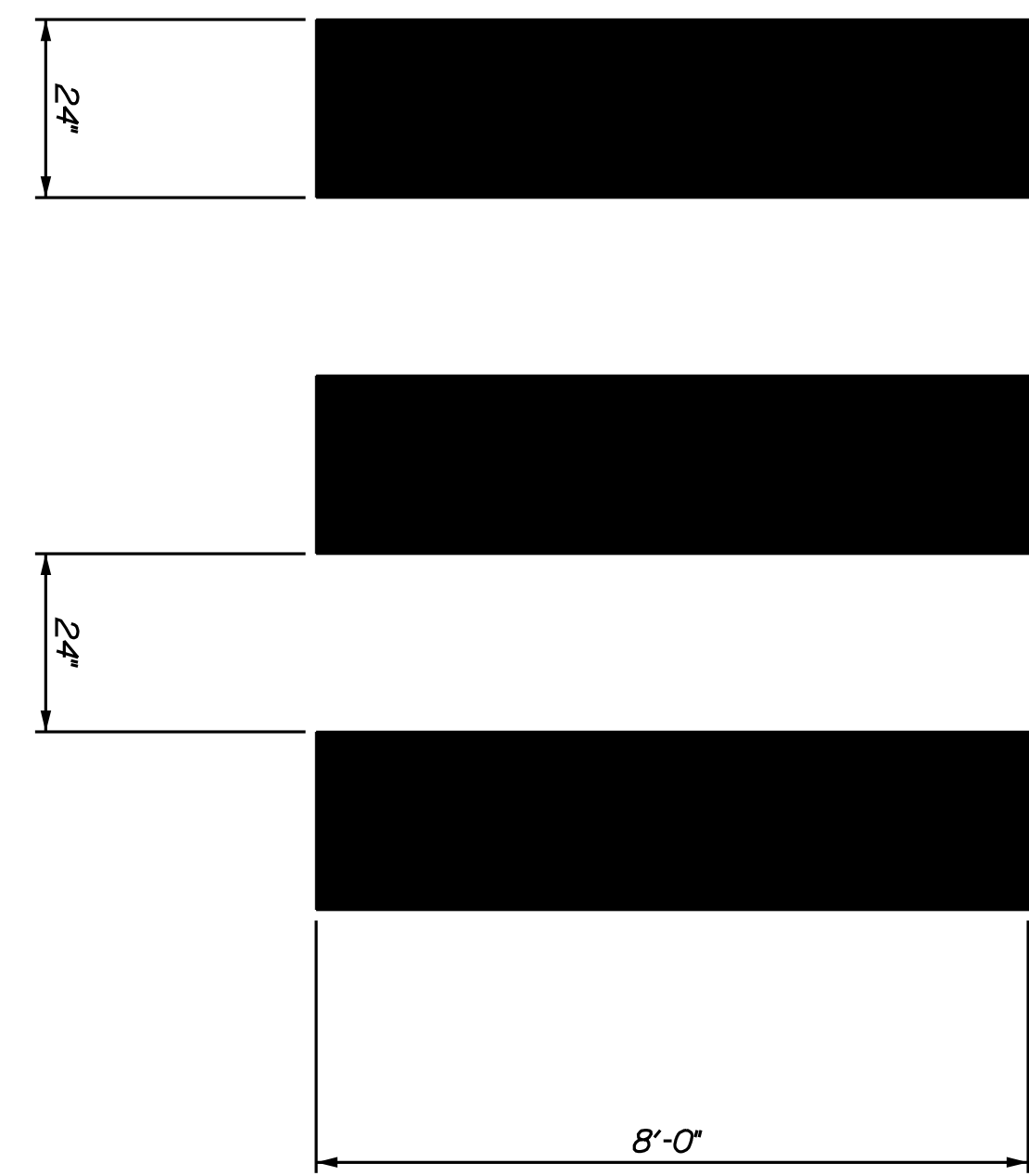
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TOWN OF KITTERY		HIGHWAY PLANS	
KITTERY MEMORIAL CIRCLE		WIN 18184.00	
STRIPING PLAN		SHEET NUMBER	
13		OF 48	
PROJ. MANAGER	B. KEIZER	BY	DATE
DESIGN-DETAILED	BMH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
		SIGNATURE	DATE
		P.E. NUMBER	



LEGEND

WBLL	4" WHITE BICYCLE LANE LINE (3' LINE WITH 9' SPACE)
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
CW	CROSSWALK STRIPE (SEE DETAIL)
WDEL	WHITE DOTTED ENTRANCE LINE (SEE DETAIL)



TOWN OF KITTERY		WIN 18184.00	HIGHWAY PLANS
KITTERY MEMORIAL CIRCLE		STRIPING PLAN	
SHEET NUMBER		14	
OF 48		18184.00	

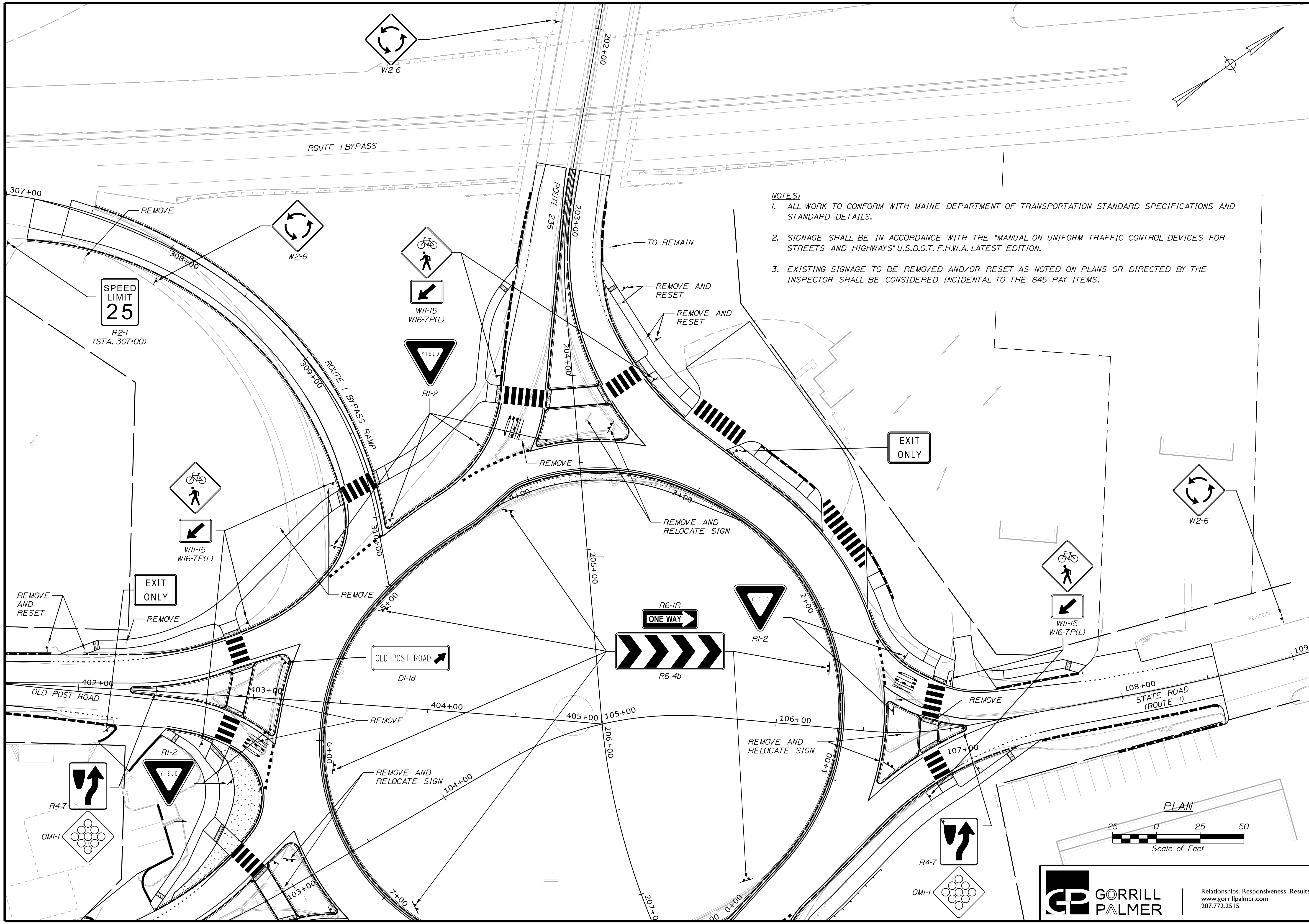
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Filename: ...Highway\015_Signing Plan.dgn

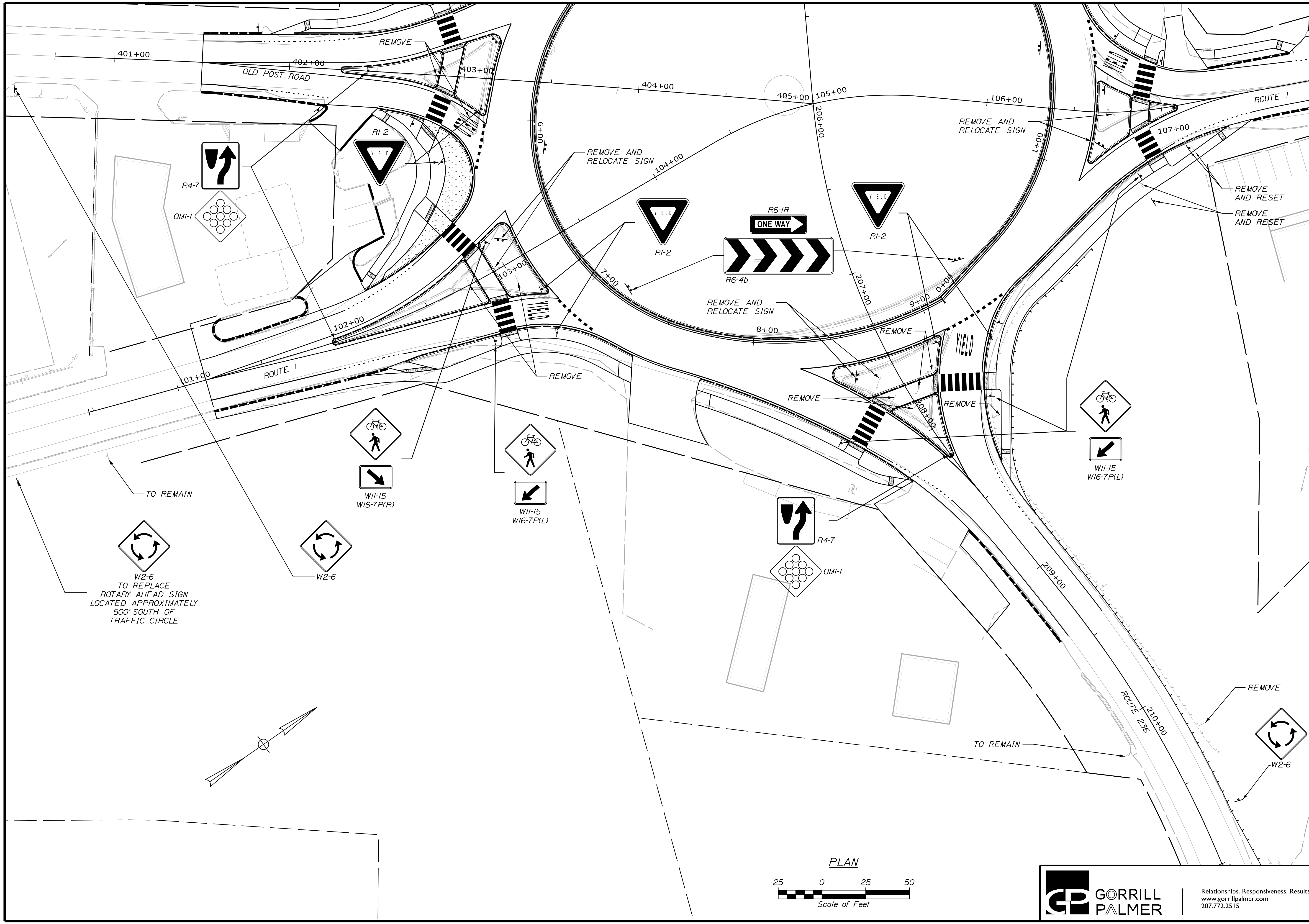


- NOTES:**
1. ALL WORK TO CONFORM WITH MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DETAILS.
 2. SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" U.S.D.O.T. F.H.W.A. LATEST EDITION.
 3. EXISTING SIGNAGE TO BE REMOVED AND/OR RESET AS NOTED ON PLANS OR DIRECTED BY THE INSPECTOR SHALL BE CONSIDERED INCIDENTAL TO THE 645 PAY ITEMS.

TOWN OF KITTERY		WIN 18184.00		HIGHWAY PLANS	
KITTERY MEMORIAL CIRCLE		SIGNING PLAN		SHEET NUMBER	
15		OF 48		18184.00	

PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGNED/DETAILED	BMH	MPC	03/17
CHECKED/REVIEWED	DGE		03/17
DESIGNED/DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DATE	SIGNATURE	P.E. NUMBER	DATE



TOWN OF KITTERY		WIN 18184.00	HIGHWAY PLANS
KITTERY MEMORIAL CIRCLE		SIGNING PLAN	
SHEET NUMBER		16	
OF 48			

PROJ. MANAGER	B. KEEZER	DATE
DESIGN DETAILED	BKH	03/17
CHECKED/REVIEWED	MPC	03/17
DESIGN DETAILED	DGE	
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

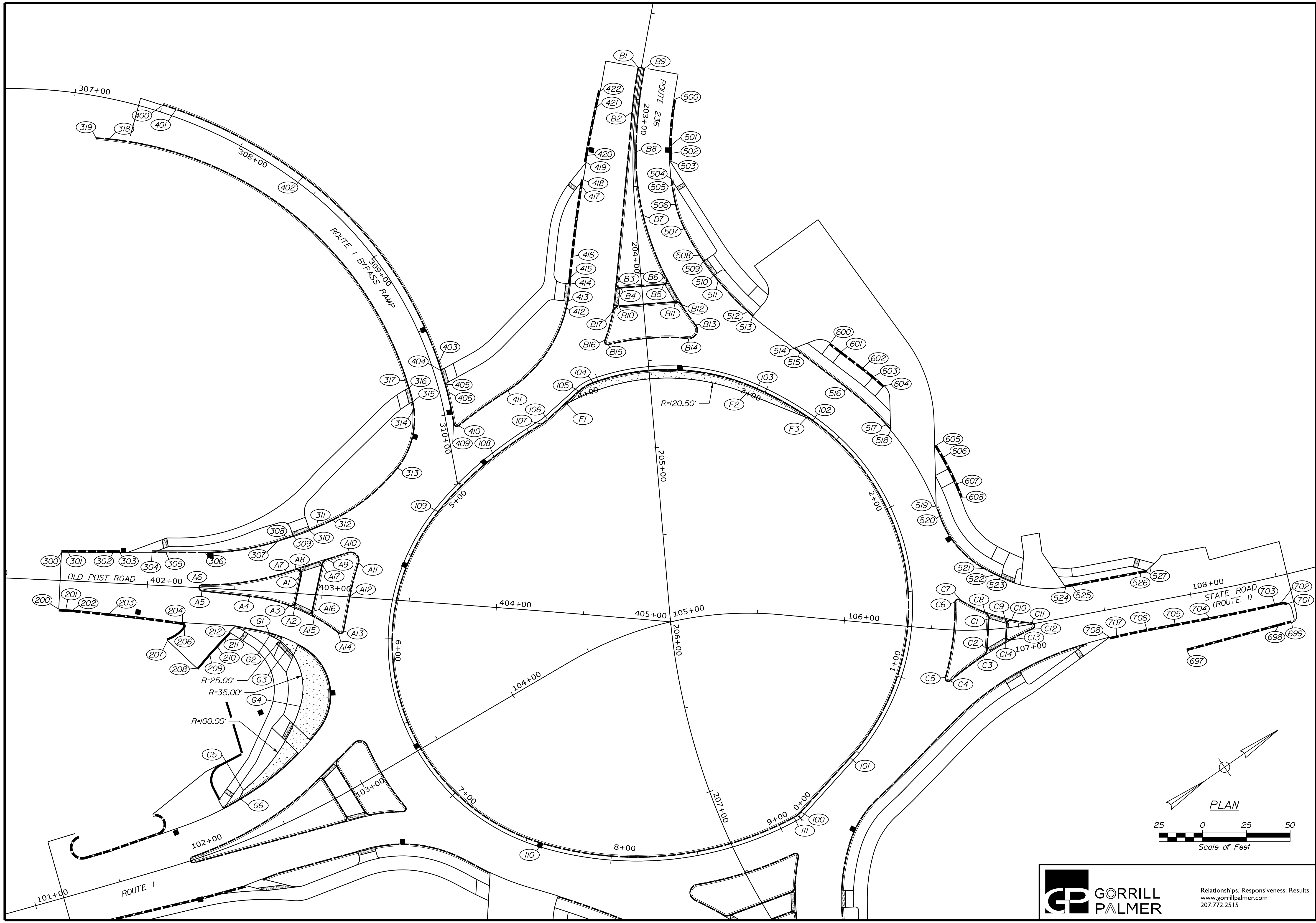
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Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...\\00\\Highway\\017_CurbPlan1.dgn



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TOWN OF KITTERY

PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN-DETAILED	BMH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

KITTERY
MEMORIAL CIRCLE
CURBING PLAN

SHEET NUMBER
17
OF 48

WIN
18184.00
HIGHWAY PLANS



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TOWN OF KITTERY		HIGHWAY PLANS	
KITTERY MEMORIAL CIRCLE		WIN 18184.00	
CURBING PLAN		SHEET NUMBER	
18		OF 48	
PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN-DETAILED	B.M.H.	M.P.C.	03/17
CHECKED-REVIEWED	D.G.E.		03/17
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		P.E. NUMBER	
DATE		DATE	

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
100	0+02.86, 2.00' LT.	101	0+44.70, 2.00' LT.	41.85'	-	5
101	0+44.70, 2.00' LT.	102	2+67.75, 2.00' LT.	219.67'	130.00	5
102	2+67.75, 2.00' LT.	103	3+05.09, 2.00' LT.	36.94'	187.00	5
103	3+05.09, 2.00' LT.	104	4+02.96, 2.00' LT.	96.32'	126.00	5
104	4+02.96, 2.00' LT.	105	4+13.42, 2.00' LT.	9.69'	25.00	5
105	4+13.42, 2.00' LT.	106	4+37.39, 2.00' LT.	23.97'	-	5
106	4+37.39, 2.00' LT.	107	4+41.63, 2.00' LT.	4.61'	25.00	5
107	4+41.63, 2.00' LT.	108	4+74.61, 2.00' LT.	32.75'	296.00	5
108	4+74.61, 2.00' LT.	109	5+20.04, 2.00' LT.	44.97'	192.00	5
109	5+20.04, 2.00' LT.	110	7+58.68, 2.00' LT.	234.72'	120.00	5
110	7+58.68, 2.00' LT.	111	9+09.69, 2.00' LT.	149.44'	190.00	5
111	9+09.69, 2.00' LT.	100	0+02.86, 2.00' LT.	5.11'	15.00	5
200	401+50.00, 16.44' RT.	201	401+54.01, 16.45' RT.	4.00'	-	TD1
201	401+54.01, 16.45' RT.	202	401+58.02, 16.45' RT.	4.00'	-	1
202	401+58.02, 16.45' RT.	203	401+79.10, 17.54' RT.	21.08'	-	1
203	401+79.10, 17.54' RT.	204	402+21.26, 20.46' RT.	42.16'	996.00	1
204	402+21.26, 20.46' RT.	206	402+22.74, 23.57' RT.	4.15'	2.00	1
206	402+22.74, 23.57' RT.	207	402+13.21, 31.10' RT.	12.32'	20.00	3
208	402+30.90, 46.05' RT.	209	402+37.71, 37.08' RT.	11.24'	-	3
209	402+37.71, 37.08' RT.	210	402+41.57, 32.38' RT.	6.08'	-	3
210	402+41.57, 32.38' RT.	211	402+45.43, 27.67' RT.	6.08'	-	3
211	402+45.43, 27.67' RT.	212	402+48.30, 24.41' RT.	4.33'	221.04	TD3
300	401+50.00, 16.03' LT.	301	401+53.99, 16.21' LT.	4.00'	-	TD1
301	401+53.99, 16.21' LT.	302	401+79.40, 17.38' LT.	25.48'	-	1
302	401+79.40, 17.38' LT.	303	401+83.38, 17.57' LT.	4.00'	-	TD1
304	402+01.63, 18.47' LT.	305	402+09.60, 18.88' LT.	8.00'	-	TD5
305	402+09.60, 18.88' LT.	306	402+32.10, 20.06' LT.	22.58'	-	5
306	402+32.10, 20.06' LT.	307	402+72.38, 28.81' LT.	41.51'	132.00	5
307	402+72.38, 28.81' LT.	308	402+77.84, 30.95' LT.	5.88'	-	5
308	402+77.84, 30.95' LT.	309	402+81.55, 32.41' LT.	4.00'	-	TD5
310	5+57.83, 56.74' RT.	311	5+55.93, 53.84' RT.	4.00'	173.00	TD5
311	5+55.93, 53.84' RT.	312	5+50.46, 46.83' RT.	10.43'	173.00	5
312	5+50.46, 46.83' RT.	313	5+15.82, 31.40' RT.	48.07'	110.00	5
313	5+15.82, 31.40' RT.	314	4+89.87, 48.37' RT.	36.55'	45.00	5
314	4+89.87, 48.37' RT.	315	4+88.20, 51.77' RT.	4.00'	45.00	TD5
316	309+79.07, 16.00' RT.	317	309+74.75, 16.00' RT.	4.00'	200.00	TD5
317	309+74.75, 16.00' RT.	318	307+25.06, 22.43' RT.	232.37'	200.00	5
318	307+25.06, 22.43' RT.	319	307+16.40, 23.42' RT.	8.00'	200.00	TD5
400	307+50.00, 4.00' LT.	401	307+57.89, 4.00' LT.	8.00'	279.00	TD5
401	307+57.89, 4.00' LT.	402	308+39.24, 4.00' LT.	82.54'	279.00	5
402	308+39.24, 4.00' LT.	403	309+70.84, 4.00' LT.	134.04'	220.00	5
403	309+70.84, 4.00' LT.	404	309+74.77, 4.00' LT.	4.00'	220.00	TD5
405	309+82.81, 4.00' LT.	406	309+86.74, 4.00' LT.	4.00'	220.00	TD5
406	309+86.74, 4.00' LT.	409	310+05.76, 3.94' LT.	19.29'	220.00	5
409	310+05.76, 3.94' LT.	410	4+79.09, 24.02' RT.	4.17'	2.00	5
410	4+79.09, 24.02' RT.	411	4+47.30, 24.00' RT.	34.54'	322.00	5
411	4+47.30, 24.00' RT.	412	4+02.66, 43.09' RT.	59.50'	77.00	5
412	4+02.66, 43.09' RT.	413	4+01.13, 46.52' RT.	4.00'	77.00	TD5
414	204+02.43, 40.60' RT.	415	203+98.50, 39.85' RT.	4.00'	-	TD1
415	203+98.50, 39.85' RT.	416	203+86.74, 37.60' RT.	11.97'	-	1
416	203+86.74, 37.60' RT.	417	203+48.71, 29.35' RT.	40.15'	800.00	1
417	203+48.71, 29.35' RT.	418	203+45.13, 28.57' RT.	4.00'	800.00	TD1
419	203+36.02, 26.74' RT.	420	203+32.40, 26.06' RT.	4.00'	800.00	TD1
420	203+32.40, 26.06' RT.	421	203+06.59, 22.10' RT.	28.15'	800.00	1
421	203+06.59, 22.10' RT.	422	202+97.71, 21.14' RT.	9.57'	-	1
500	202+97.45, 21.10' LT.	501	203+26.52, 20.73' LT.	27.06'	165.00	1
502	203+30.81, 20.83' LT.	503	203+35.11, 20.96' LT.	4.00'	165.00	TD1
504	203+46.20, 21.50' LT.	505	203+50.50, 21.81' LT.	4.00'	123.00	TD5
505	203+50.50, 21.81' LT.	506	203+62.13, 23.02' LT.	10.93'	123.00	5
506	203+62.13, 23.02' LT.	507	203+76.37, 26.79' LT.	14.76'	62.00	5
507	203+76.37, 26.79' LT.	508	203+92.65, 34.34' LT.	17.96'	160.00	5
508	203+92.65, 34.34' LT.	509	203+96.16, 36.27' LT.	4.00'	160.00	TD5
510	204+04.71, 41.47' LT.	511	204+08.03, 43.69' LT.	4.00'	160.00	TD5
511	204+08.03, 43.69' LT.	512	204+26.89, 58.90' LT.	24.25'	160.00	5
512	204+26.89, 58.90' LT.	513	204+29.78, 61.67' LT.	4.00'	160.00	TD5
514	2+96.40, 27.72' RT.	515	2+92.96, 27.01' RT.	4.00'	-	TD5
515	2+92.96, 27.01' RT.	516	2+63.16, 24.00' RT.	34.17'	-	5
516	2+63.16, 24.00' RT.	517	2+37.44, 24.00' RT.	30.39'	156.00	5
517	2+37.44, 24.00' RT.	518	2+34.06, 24.00' RT.	4.00'	156.00	TD5
519	1+90.57, 24.00' RT.	520	1+85.85, 24.00' RT.	5.58'	156.00	TD5
520	1+85.85, 24.00' RT.	521	1+57.94, 41.67' RT.	39.83'	55.00	5
521	1+57.94, 41.67' RT.	522	1+54.78, 47.92' RT.	7.56'	135.00	5
522	1+54.78, 47.92' RT.	523	1+53.30, 51.37' RT.	4.00'	135.00	TD5
524	107+30.53, 17.11' LT.	525	107+34.53, 17.00' LT.	4.00'	74.00	TD1
525	107+34.53, 17.00' LT.	526	107+73.95, 17.00' LT.	39.43'	-	1
526	107+73.95, 17.00' LT.	527	107+77.95, 17.00' LT.	4.00'	-	TD1
600	2+82.17, 40.38' RT.	601	2+75.60, 39.63' RT.	8.00'	-	TD1
601	2+75.60, 39.63' RT.	602	2+63.16, 39.00' RT.	15.44'	-	1
602	2+63.16, 39.00' RT.	603	2+57.16, 39.00' RT.	7.77'	171.00	1
603	2+57.16, 39.00' RT.	604	2+50.99, 39.00' RT.	8.00'	171.00	TD1
605	2+16.06, 39.00' RT.	606	2+09.88, 39.00' RT.	8.00'	171.00	TD1
606	2+09.88, 39.00' RT.	607	1+96.91, 39.00' RT.	16.80'	171.00	1
607	1+96.91, 39.00' RT.	608	1+90.74, 39.00' RT.	8.00'	171.00	TD1

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
697	107+92.02, 31.52' RT.	698	108+44.77, 27.98' RT.	53.96'	-	1
698	108+44.77, 27.98' RT.	699	108+52.55, 27.69' RT.	8.00'	-	TD1
701	108+53.06, 16.52' RT.	702	108+49.53, 15.00' RT.	4.00'	5.00	TD1
702	108+49.53, 15.00' RT.	703	108+45.59, 15.00' RT.	4.00'	985.80	TD1
703	108+45.59, 15.00' RT.	704	108+08.22, 15.00' RT.	37.94'	985.80	1
704	108+08.22, 15.00' RT.	705	107+88.00, 15.00' RT.	20.22'	-	1
705	107+88.00, 15.00' RT.	706	107+71.66, 15.00' RT.	16.34'	-	1
706	107+71.66, 15.00' RT.	707	107+53.99, 15.40' RT.	17.68'	386.00	1
707	107+53.99, 15.40' RT.	708	107+50.00, 15.61' RT.	4.00'	386.00	TD1
709	107+36.20, 16.64' RT.	710	107+32.22, 17.03' RT.	4.00'	172.00	TD5
710	107+32.22, 17.03' RT.	711	107+00.42, 23.97' RT.	33.34'	172.00	5
711	107+00.42, 23.97' RT.	712	106+97.08, 25.36' RT.	17.22'	172.00	TD5
713	1+11.86, 57.45' RT.	714	1+09.81, 54.71' RT.	4.00'	172.00	TD5
714	1+09.81, 54.71' RT.	715	0+87.36, 36.25' RT.	35.38'	172.00	5
715	0+87.36, 36.25' RT.	716	0+52.27, 26.19' RT.	44.40'	-	5
716	0+52.27, 26.19' RT.	717	0+39.64, 24.93' RT.	14.16'	208.00	5
717	0+39.64, 24.93' RT.	718	0+07.28, 30.57' RT.	33.27'	60.00	5
718	0+07.28, 30.57' RT.	719	207+85.23, 44.90' LT.	22.40'	110.00	5
719	207+85.23, 44.90' LT.	720	207+88.86, 42.54' LT.	4.00'	110.00	TD5
721	207+98.12, 37.03' LT.	722	208+01.89, 34.98' LT.	4.00'	110.00	TD5
722	208+01.89, 34.98' LT.	723	208+35.50, 21.34' LT.	34.46'	110.00	5
723	208+35.50, 21.34' LT.	724	208+39.36, 20.30' LT.	4.00'	110.00	TD5
800	101+16.64, 17.96' RT.	801	101+89.85, 21.72' RT.	74.06'	-	1
801A	101+91.92, 21.89' RT.	802	102+08.75, 23.04' RT.	17.62'	-	1
802	102+08.75, 23.04' RT.	803	102+16.36, 23.76' RT.	8.00'	-	TD1
804	102+26.35, 23.84' RT.	805	102+30.16, 23.93' RT.	4.00'	-	TD5
805	102+30.16, 23.93' RT.	806	102+35.54, 24.10' RT.	5.64'	-	5
806	102+35.54, 24.10' RT.	807	102+75.94, 31.71' RT.	43.31'	-	5
807	102+75.94, 31.71' RT.	808	102+79.61, 32.58' RT.	4.00'	-	TD5
809	6+92.00, 52.49' RT.	810	6+93.47, 49.08' RT.	4.00'	75.00	TD5
810	6+93.47, 49.08' RT.	811	7+22.67, 24.92' RT.	45.60'	75.00	5
811	7+22.67, 24.92' RT.	812	7+32.11, 24.10' RT.	11.37'	192.00	5
812	7+32.11, 24.10' RT.	813	7+35.91, 24.09' RT.	4.55'	146.00	5
813	7+35.91, 24.09' RT.	814	7+39.25, 24.08' RT.	4.00'	146.00	TD5
815	7+74.60, 24.66' RT.	816	7+78.12, 25.10' RT.	4.00'	500.00	TD5
816	7+78.12, 25.10' RT.	817	8+43.31, 56.62' RT.	84.69'	500.00	5
817	8+43.31, 56.62' RT.	818	8+45.77, 59.01' RT.	4.00'	500.00	TD5
819	207+88.98, 38.23' RT.	820	207+92.23, 36.40' RT.	4.00'	263.00	TD5
820	207+92.23, 36.40' RT.	821	208+10.31, 28.17' RT.	21.20'	263.00	5
821	208+10.31, 28.17' RT.	822	208+17.44, 25.72' RT.	8.00'	263.00	TD5
822	208+17.44, 25.72' RT.	823	208+57.91, 18.19' RT.	4.00'	263.00	TD1
823	208+57.91, 18.19' RT.	824	208+61.90, 17.84' RT.	21.00'	263.00	1
824	208+61.90, 17.84' RT.	825	208+82.87, 17.00' RT.	37.59'	-	1
825	208+82.87, 17.00' RT.	826	209+20.46, 17.00' RT.	16.68'	608.00	1
826	209+20.46, 17.00' RT.	827	209+37.60, 17.00' RT.	4.00'	608.00	TD1
827	209+37.60, 17.00' RT.	828	209+41.72, 17.00' RT.	4.00'	608.00	TD1
900	101+34.50, 31.63' LT.	901	101+34.61, 18.00' LT.	21.31'	6.82	1
901	101+34.61, 18.00' LT.	902	101+45.27, 18.00' LT.	10.63'	5227.00	1
902	101+45.27, 18.00' LT.	903	101+50.79, 18.15' LT.	5.50'	100	

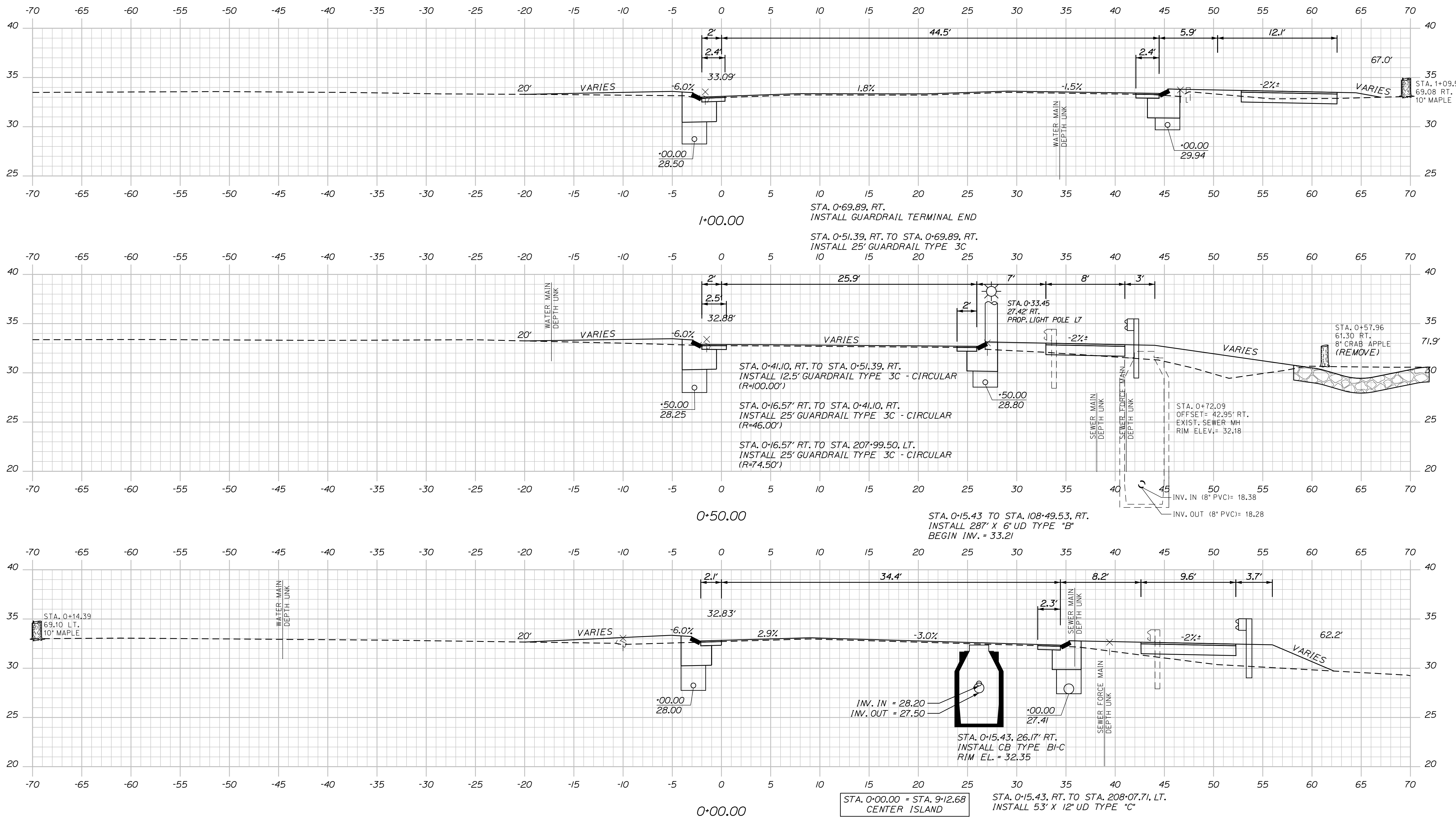
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\highway\XSEC.dgn

Sta. 0+00.00 to Sta. 1+00.00 CENTER ISLAND



TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
KITTERY MEMORIAL CIRCLE CROSS SECTIONS			
SHEET NUMBER		20	
OF 48			
PROJ. MANAGER	B. KEIZER	DATE	03/17
CHECKED/REVIEWED	BMH	BY	MPC
DESIGNED/DETAILED	DGE	DATE	03/17
DESIGNED/DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

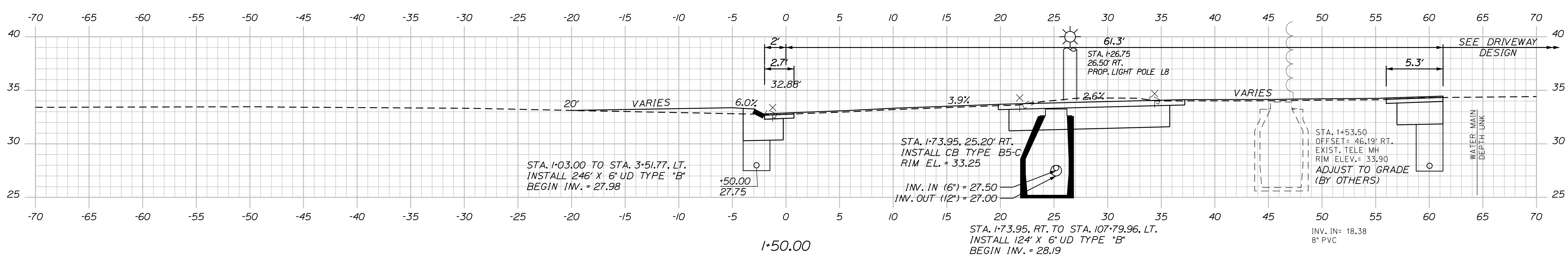
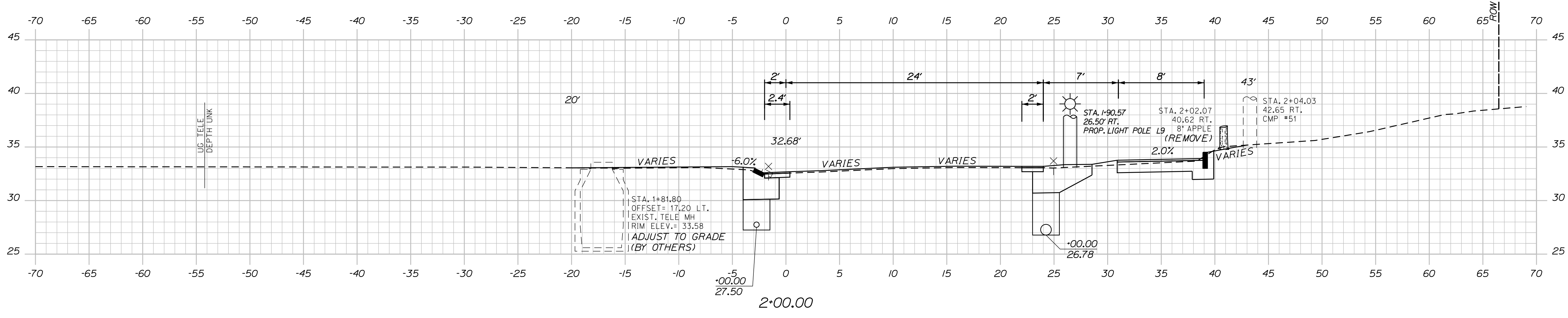
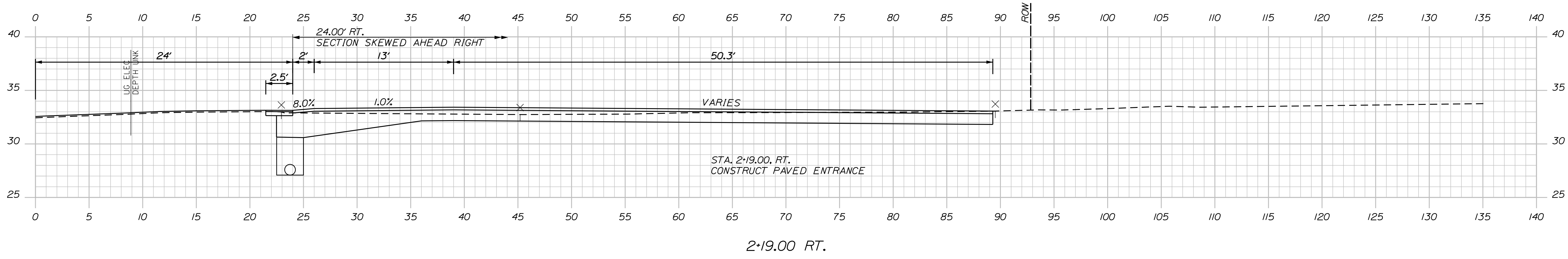
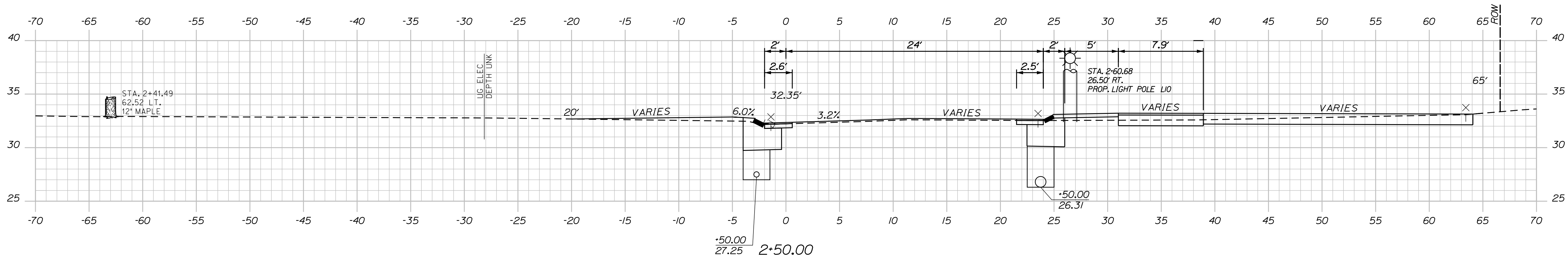
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\highway\XSEC.dgn

Sta. 1+50.00 to Sta. 2+50.00 CENTER ISLAND



TOWN OF KITTERY		HIGHWAY PLANS	
MEMORIAL CIRCLE		WIN 18184.00	
CROSS SECTIONS		SHEET NUMBER	
21		OF 48	
PROJ. MANAGER	DATE	BY	DATE
B. KEIZER	03/17	MPC	03/17
DESIGN DETAILED	SIGNATURE		
CHECKED/REVIEWED	P.E. NUMBER		
DESIGN DETAILED	DATE		
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

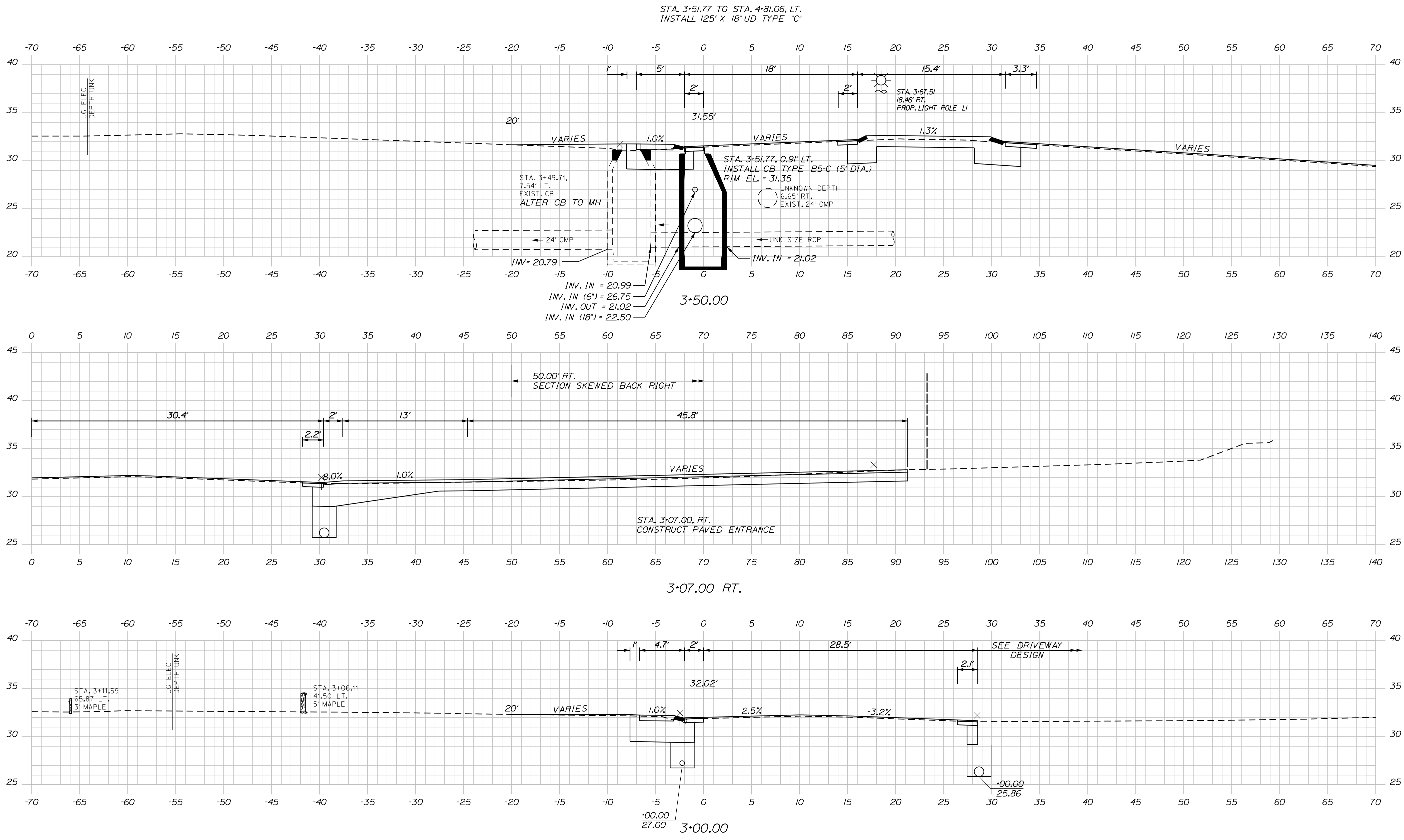
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...AZ - CAD\00\highway\XSEC.dgn

Sta. 3+00.00 to Sta. 3+50.00 CENTER ISLAND



TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS	
SHEET NUMBER		22	
OF 48			

PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN-DETAILED	BMH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

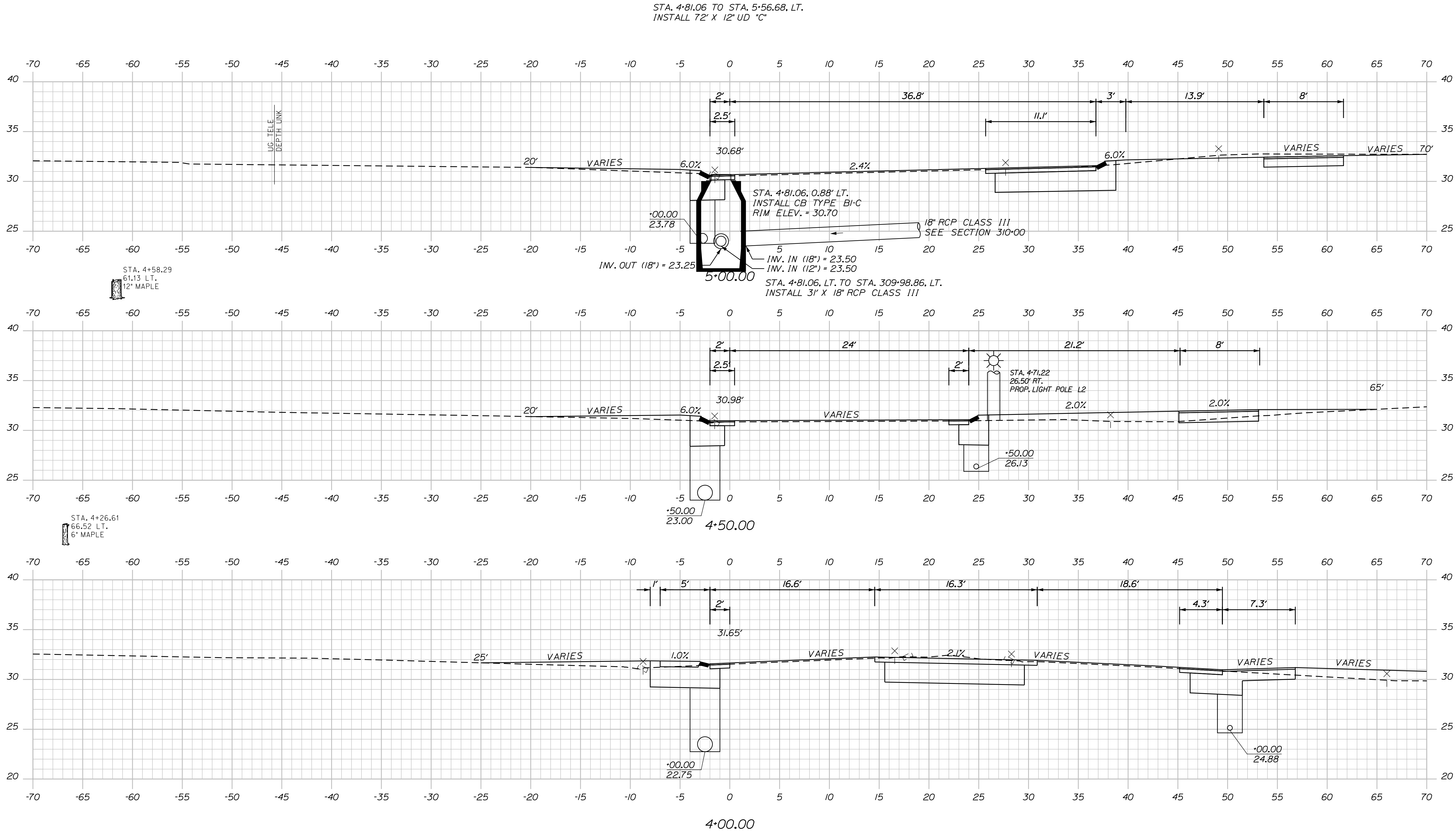
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\highway\XSEC.dgn

Sta. 4+00.00 to Sta. 5+00.00 CENTER ISLAND



TOWN OF KITTERY	
WIN 18184.00	HIGHWAY PLANS
KITTERY MEMORIAL CIRCLE	CROSS SECTIONS
SHEET NUMBER 23 OF 48	DATE 03/17 SIGNATURE P.E. NUMBER DATE

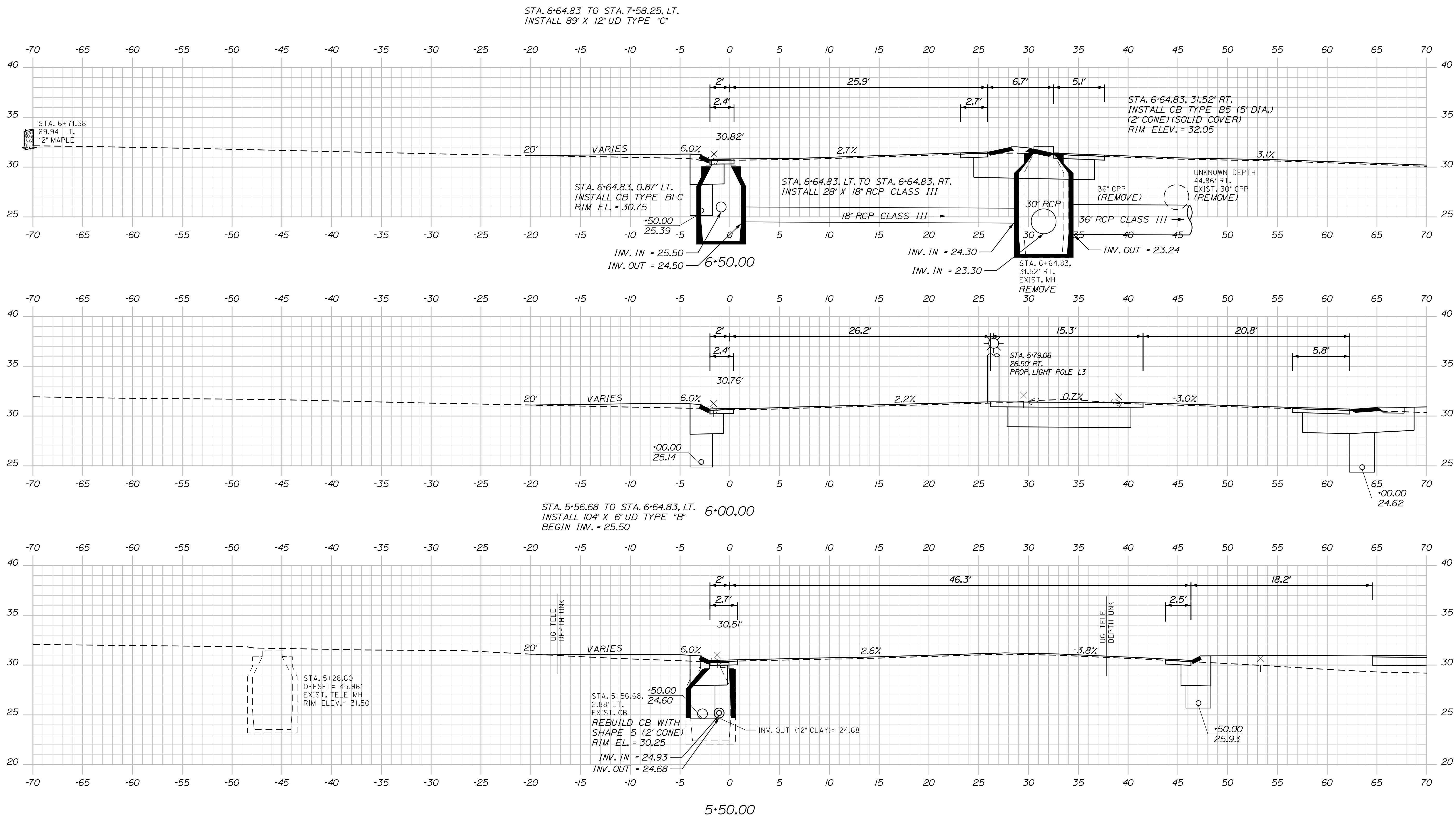
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Username: Mike.Cundiff

Division: HIGHWAY

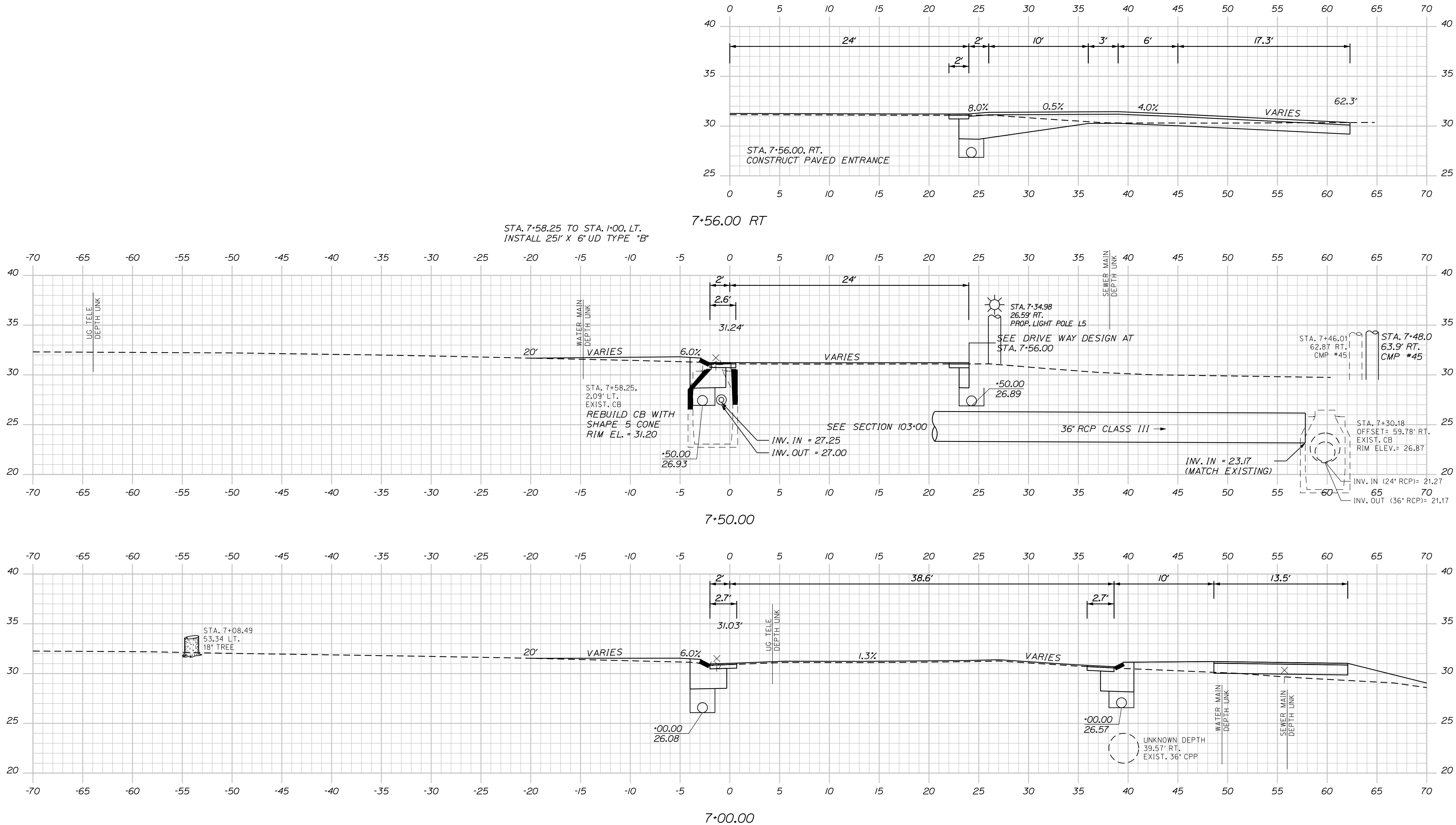
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Sta. 5+50.00 to Sta. 6+50.00 CENTER ISLAND



TOWN OF KITTERY		SIGNATURE		P.E. NUMBER		DATE	
PROJ. MANAGER	B. KEIZER	BY	MPC	DATE	03/17	03/17	
DESIGN-DETAILED	BMH	CHECKED-REVIEWED	DGE	DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4	
FIELD CHANGES							
KITTERY MEMORIAL CIRCLE				CROSS SECTIONS			
SHEET NUMBER							
24							
OF 48							
				WIN 18184.00 HIGHWAY PLANS			

Sta. 7+00.00 to Sta. 7+56.00 CENTER ISLAND



TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
SIGNATURE		P.E. NUMBER	
DATE		DATE	
PROJ. MANAGER	B. KEIZER	BY	DATE
DESIGN-DETAILED	BMH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS	
SHEET NUMBER		25	
		OF 48	

Date: 3/31/2017

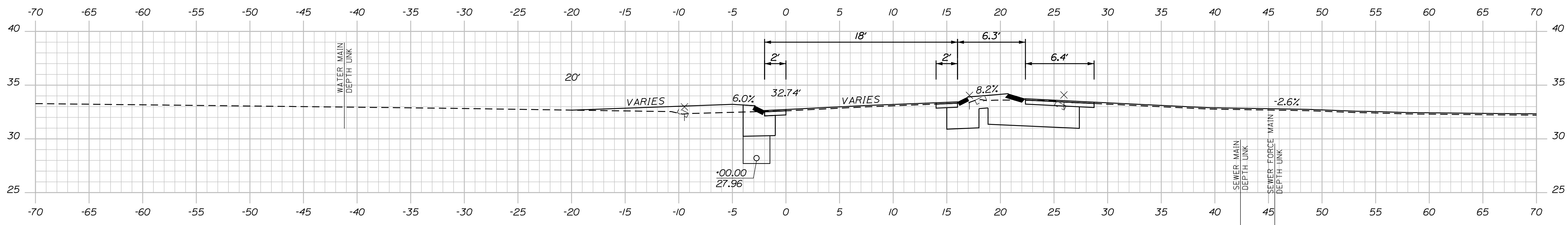
Username: Mike.Cundiff

Division: HIGHWAY

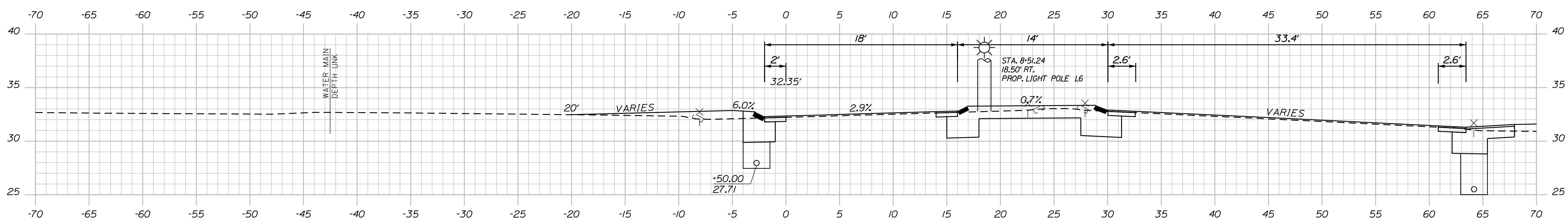
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Sta. 8+00.00 to Sta. 9+00.00 CENTER ISLAND

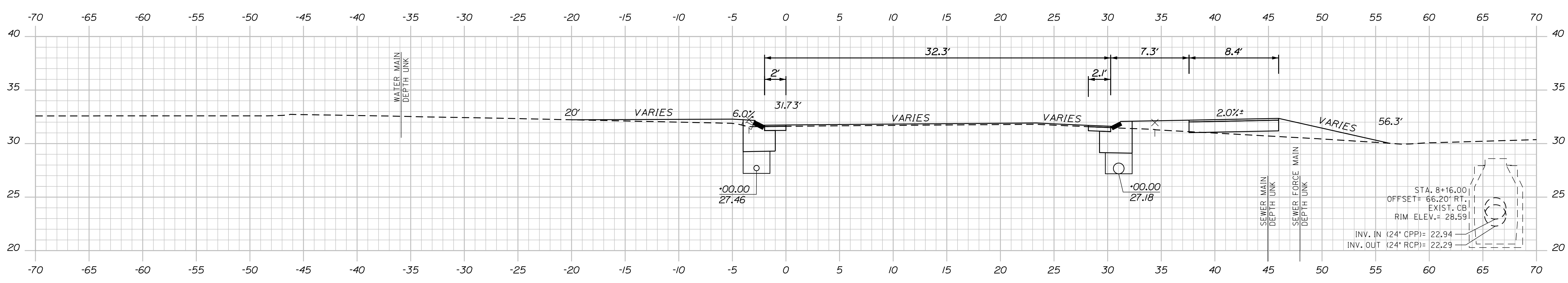
STA. 0+00.00 = STA. 9+12.68
CENTER ISLAND



9+00.00



8+50.00



8+00.00

TOWN OF KITTERY

WIN
18184.00

HIGHWAY PLANS

DATE
03/17
BY
MPC

DATE
03/17

PROJ. MANAGER
B. KEIZER

DESIGN-DETAILED
BMH

CHECKED-REVIEWED
DGE

DESIGN-DETAILED
DGE

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

SHEET NUMBER

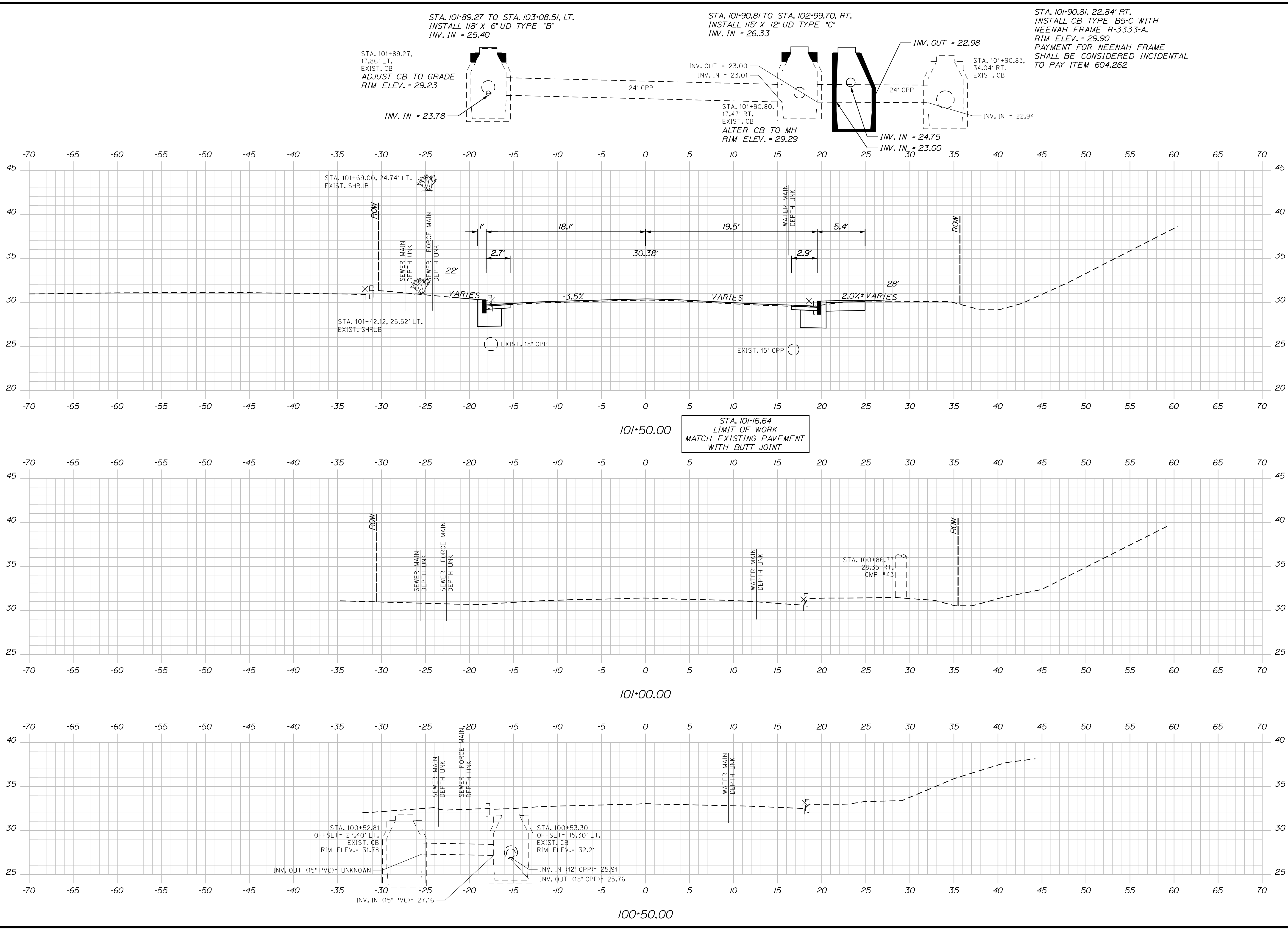
26

OF 48

KITTERY
MEMORIAL CIRCLE

CROSS SECTIONS

Sta. 100+50.00 to Sta. 101+50.00 ROUTE 1



TOWN OF KITTERY		WIN		HIGHWAY PLANS	
MEMORIAL CIRCLE		18184.00		OF 48	
CROSS SECTIONS		SHEET NUMBER		27	
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
DESIGN-DETAILED	03/17	MPC	03/17		
CHECKED-REVIEWED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

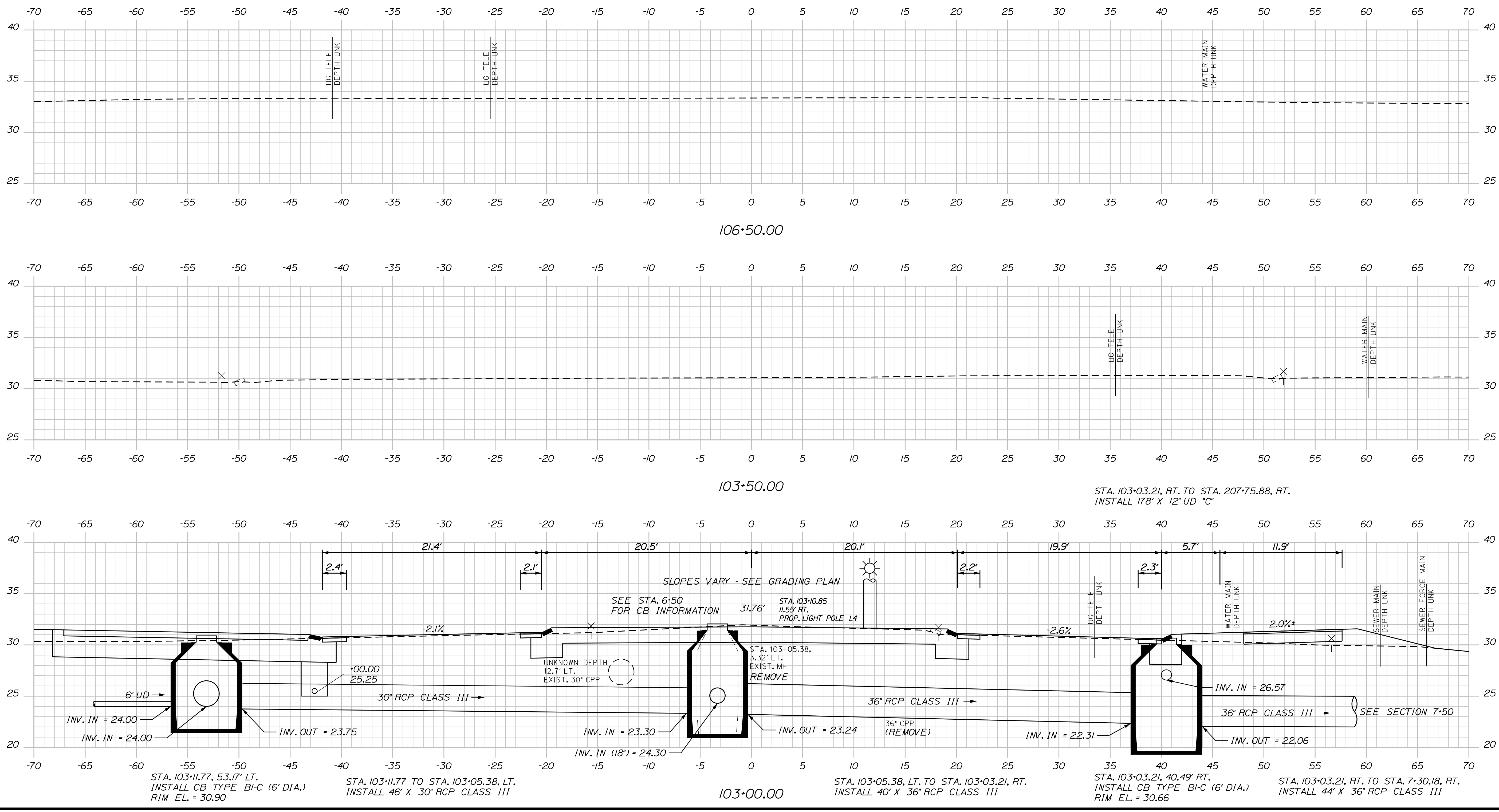
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\highway\XSEC.dgn

Sta. 103+00.00 to Sta. 106+50.00 ROUTE 1



TOWN OF KITTERY													
	WIN 18184.00 HIGHWAY PLANS												
KITTERY MEMORIAL CIRCLE CROSS SECTIONS													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>PROJ. MANAGER</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td> </td> <td>MPC</td> <td>03/17</td> </tr> </table>	PROJ. MANAGER	BY	DATE		MPC	03/17	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>SIGNATURE</th> <th>P.E. NUMBER</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	SIGNATURE	P.E. NUMBER	DATE			
PROJ. MANAGER	BY	DATE											
	MPC	03/17											
SIGNATURE	P.E. NUMBER	DATE											
SHEET NUMBER													
29													
OF 48													

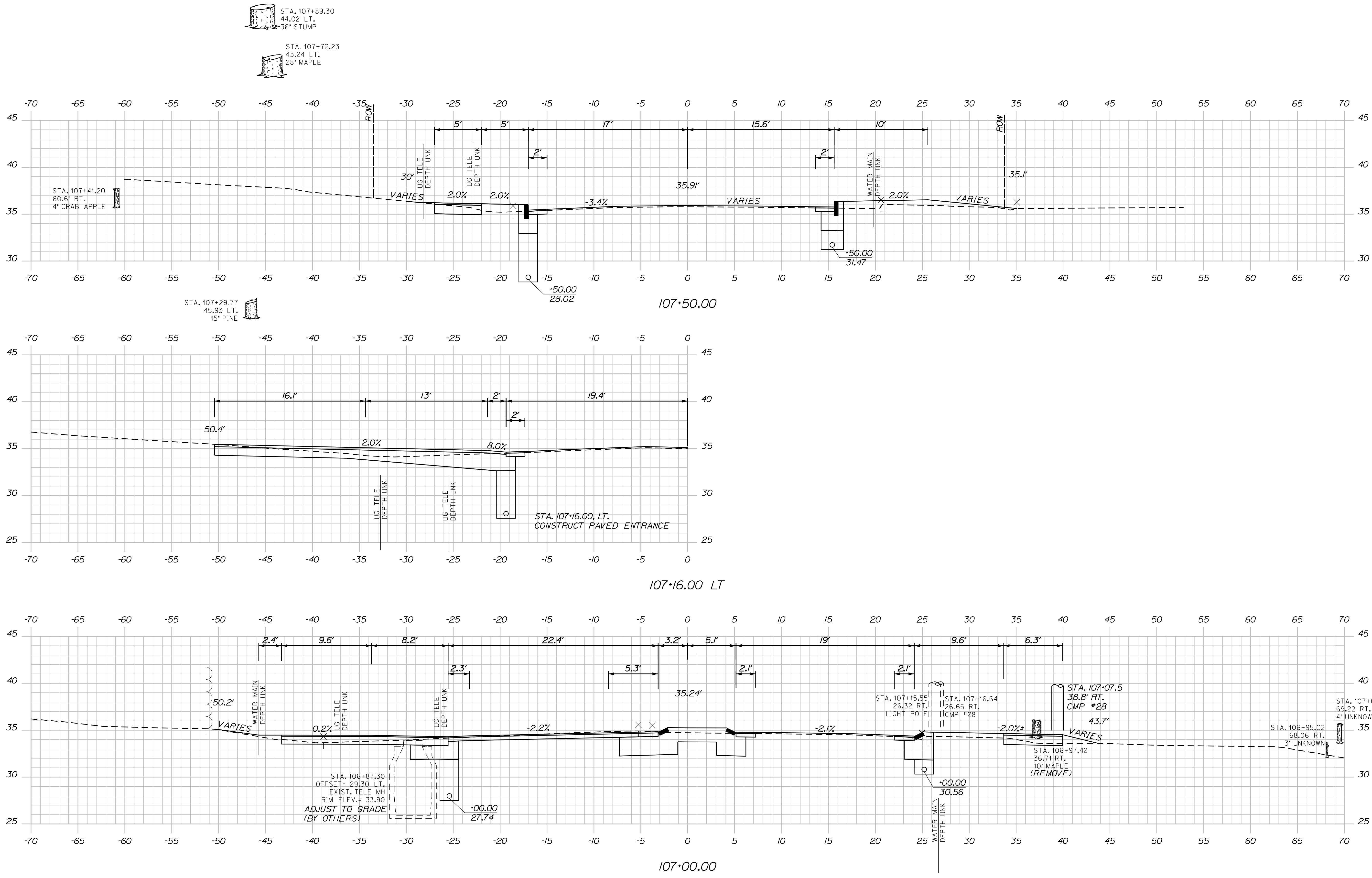
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\highway\XSEC.dgn

Sta. 107+00.00 to Sta. 107+50.00 ROUTE 1

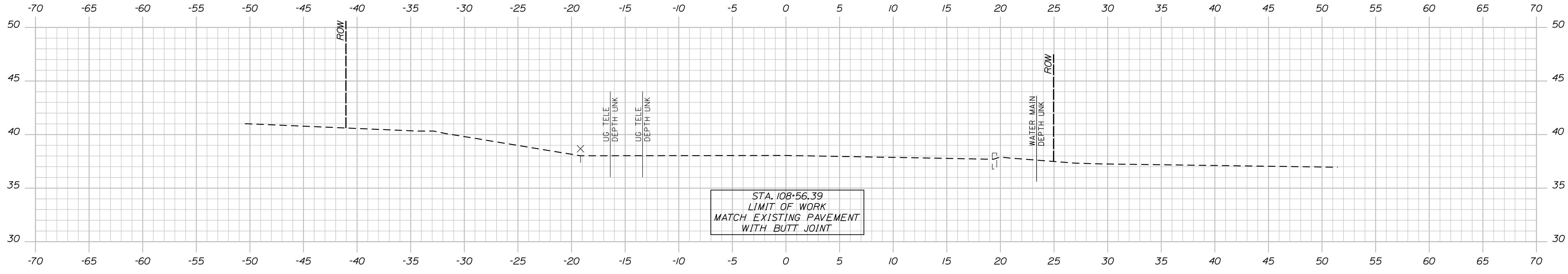


TOWN OF KITTERY		WIN 18184.00		HIGHWAY PLANS
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS		
SHEET NUMBER		30		
OF 48				

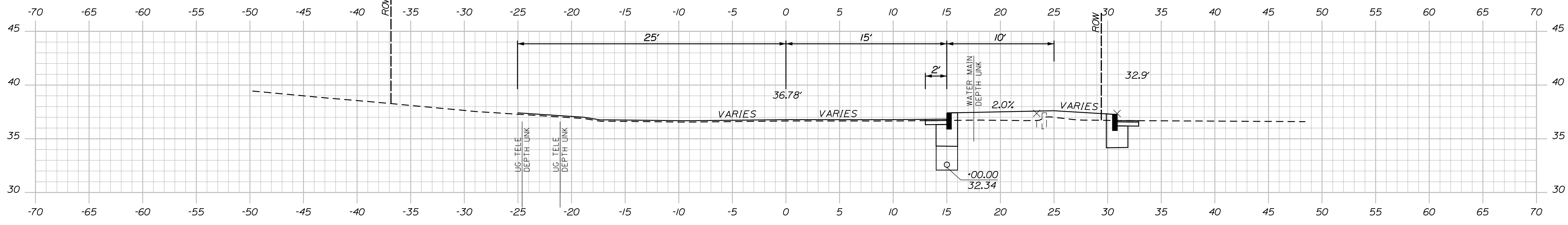
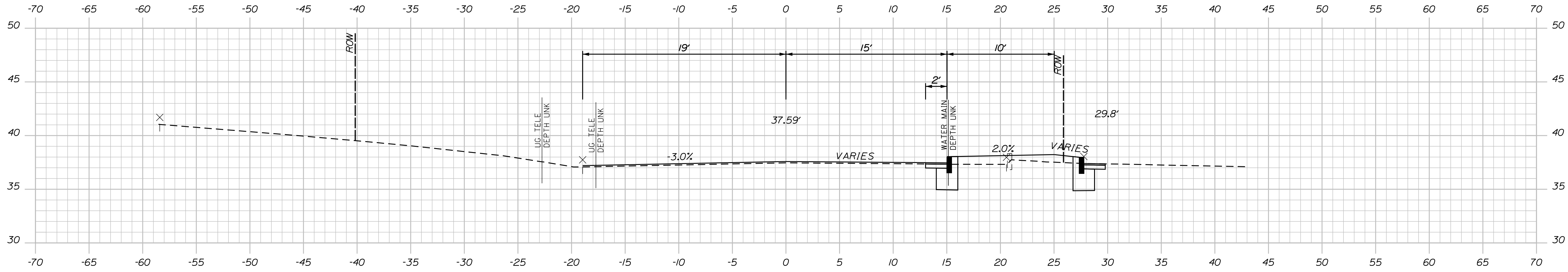
PROJ. MANAGER	B. KEIZER	BY	DATE
DESIGN-DETAILED	BKH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DATE	SIGNATURE	P.E. NUMBER	DATE

Sta. 108+00.00 to Sta. 108+00.00 ROUTE 1



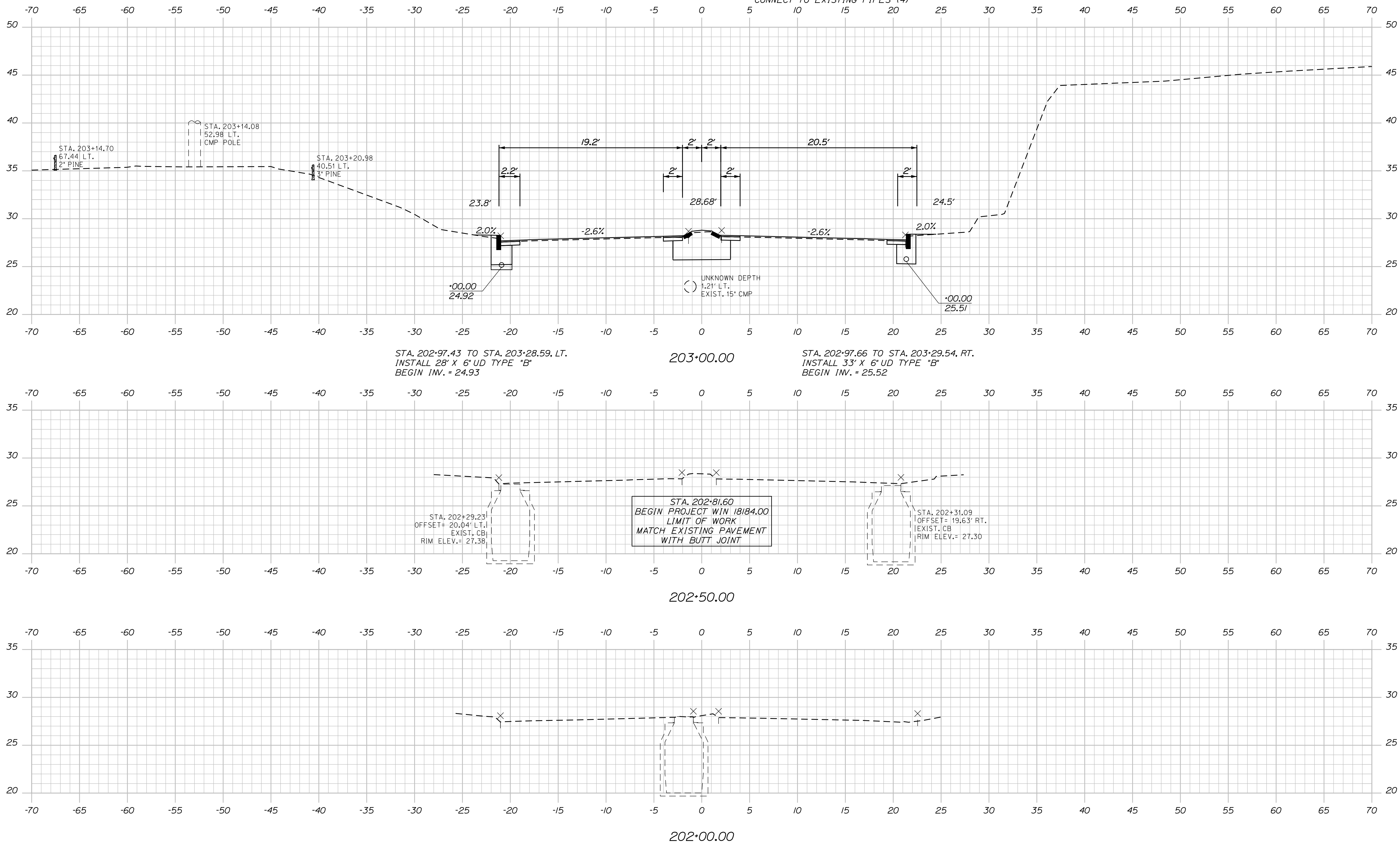
STA. 108+56.39
LIMIT OF WORK
MATCH EXISTING PAVEMENT
WITH BUTT JOINT



TOWN OF KITTERY	
HIGHWAY PLANS	
WIN 18184.00	
SHEET NUMBER	
31	
OF 48	
PROJ. MANAGER	B. KEIZER
DESIGN-DETAILED	BMH
CHECKED-REVIEWED	MPC
DESIGN-DETAILED	DGE
DESIGN-DETAILED	---
REVISIONS 1	---
REVISIONS 2	---
REVISIONS 3	---
REVISIONS 4	---
FIELD CHANGES	---
DATE	03/17
BY	MPC
SIGNATURE	---
P.E. NUMBER	---
DATE	---

KITTERY
MEMORIAL CIRCLE
CROSS SECTIONS

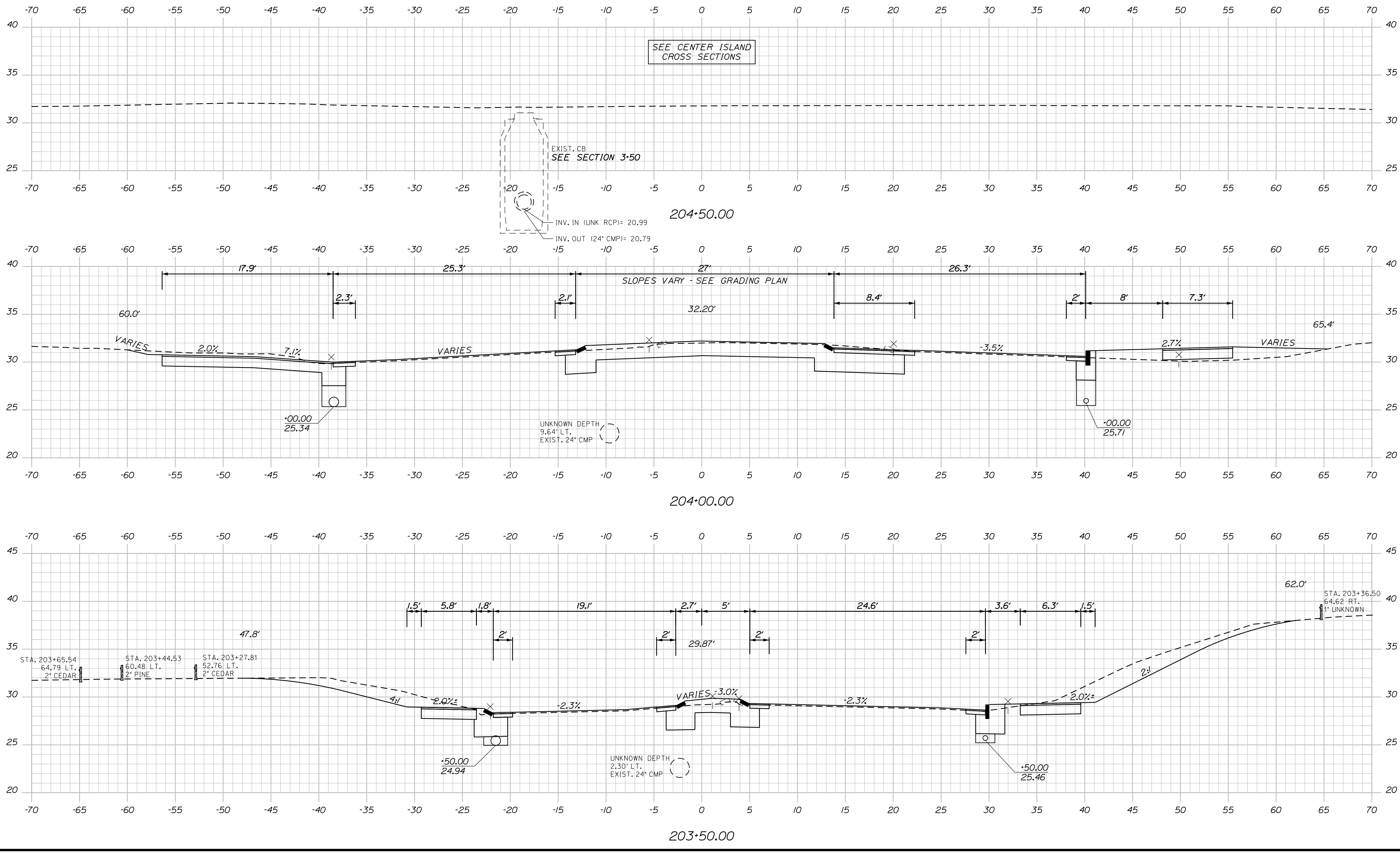
Sta. 202+00.00 to Sta. 203+00.00 ROUTE 236



TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS	
PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	03/17	MPC	03/17
CHECKED-REVIEWED			
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES		SIGNATURE	
P.E. NUMBER		DATE	
SHEET NUMBER		32	
OF 48			

Filename: ...Z - CAD\00\highway\XSEC.dgn
 Division: HIGHWAY
 Username: Mike.Cundiff
 Date: 3/31/2017

Sta. 203+50.00 to Sta. 204+50.00 ROUTE 236



TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS	
SHEET NUMBER		DATE	
33		DATE	
OF 48		DATE	
PROJ. MANAGER	DATE	BY	SIGNATURE
DESIGN DETAILED	03/17	MPC	
CHECKED-REVIEWED	03/17		
DESIGN DETAILED			
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REVISIONS 1			
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REVISIONS 4			
FIELD CHANGES			

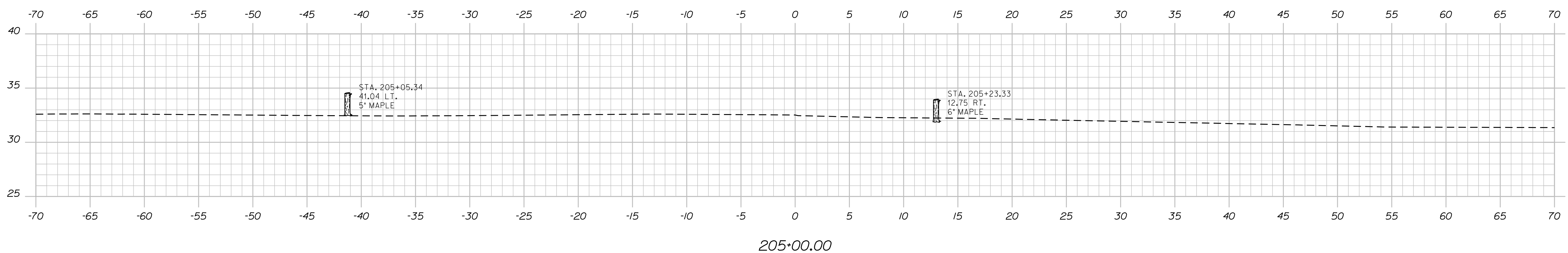
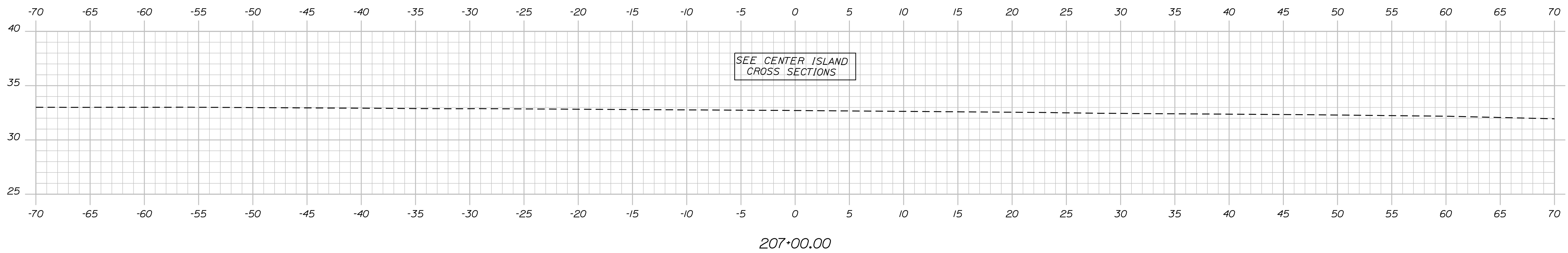
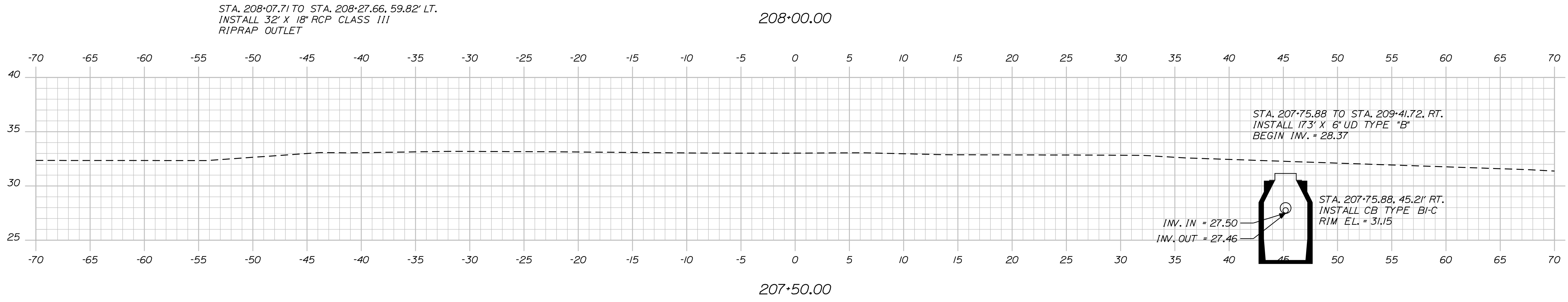
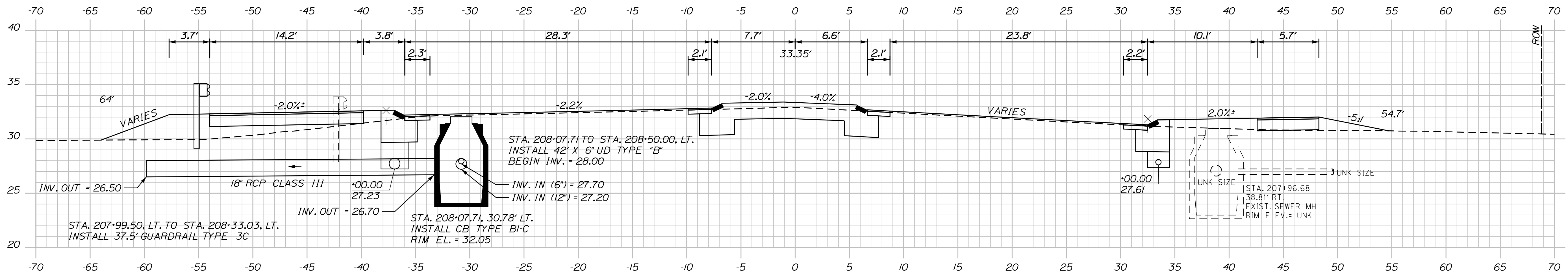
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ... \Z - CAD\00\Highway\XSEC.dgn

Sta. 205+00.00 to Sta. 208+00.00 ROUTE 236



TOWN OF KITTERY

WIN

18184.00

HIGHWAY PLANS

SIGNATURE

DATE

BY

B. KEIZER

PROJ. MANAGER

DESIGN DETAILED

CHECKED-REVIEWED

DESIGN DETAILED

DESIGN DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

P.E. NUMBER

DATE

DATE

DATE

DATE

DATE

KITTERY
MEMORIAL CIRCLE

SHEET NUMBER

34

OF 48

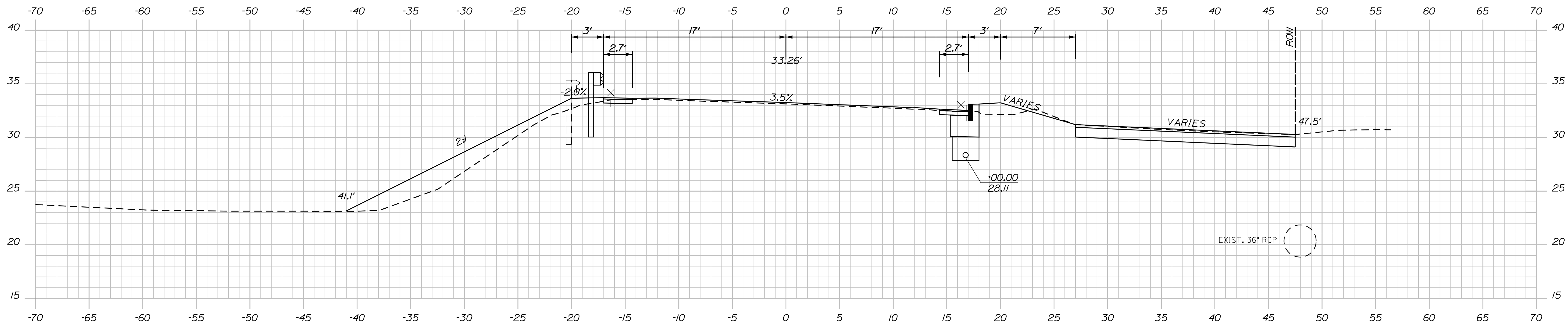
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

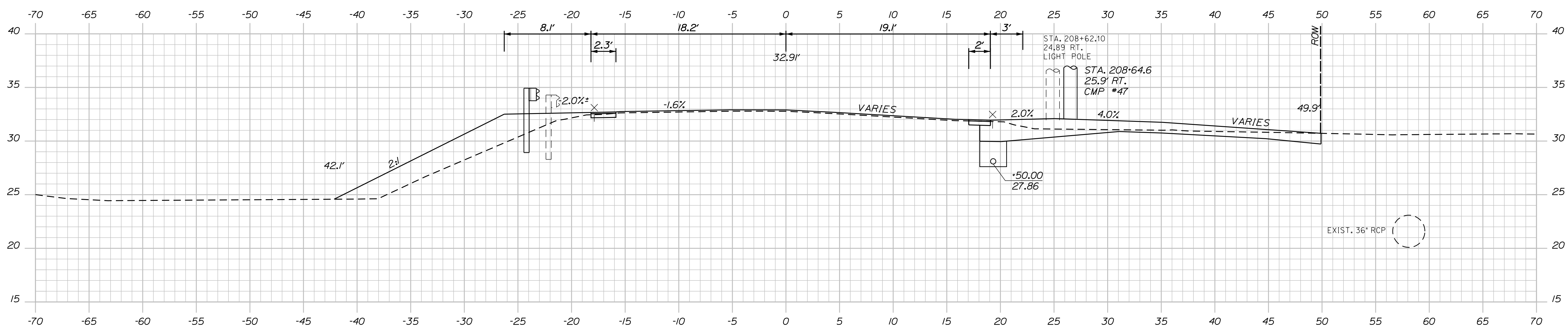
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Sta. 208+38.00 to Sta. 209+00.00 ROUTE 236



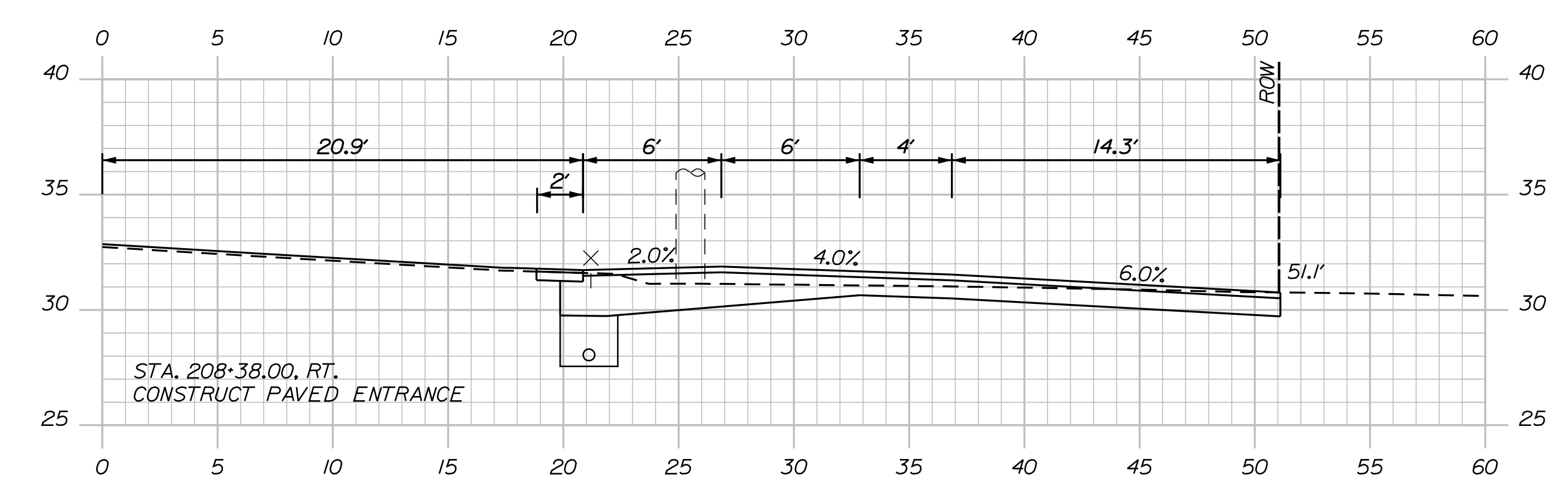
STA. 208+79.41, LT. TO STA. 210+75.20
INSTALL 200' GUARDRAIL TYPE 3C

209+00.00



STA. 208+62.10
24.89 RT.
LIGHT POLE
STA. 208+64.6
25.9 RT.
CMP #47

208+50.00



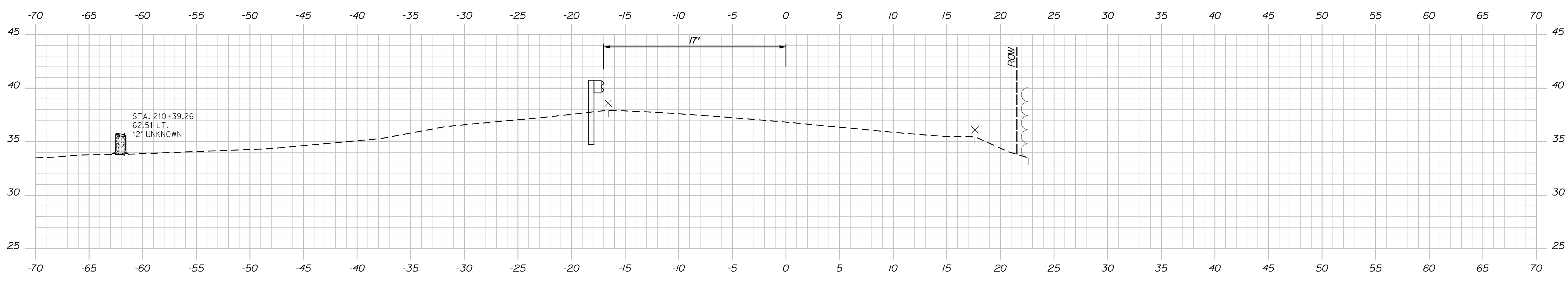
STA. 208+38.00, RT.
CONSTRUCT PAVED ENTRANCE

208+38.00 RT

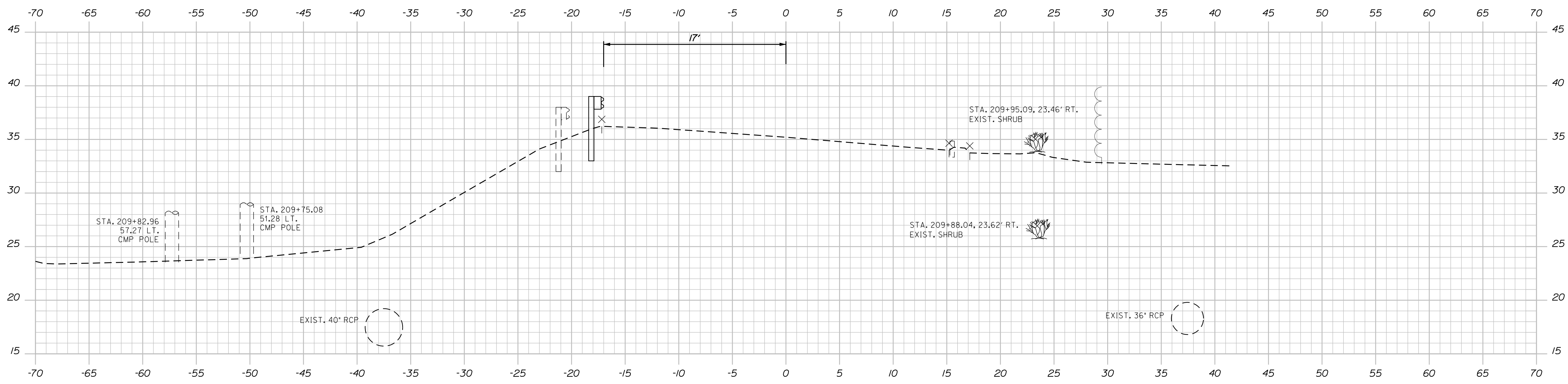
STA. 208+33.03, LT. TO STA. 208+79.41, LT.
INSTALL 50' GUARDRAIL TYPE 3C - CIRCULAR
(R=75.00')

TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
PROJ. MANAGER	B. KEIZER	DATE	03/17
DESIGN-DETAILED	B.M.H.	BY	M.P.C.
CHECKED-REVIEWED	D.G.E.	DATE	03/17
DESIGN-DETAILED		SIGNATURE	
DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS	
SHEET NUMBER		35	
		OF 48	

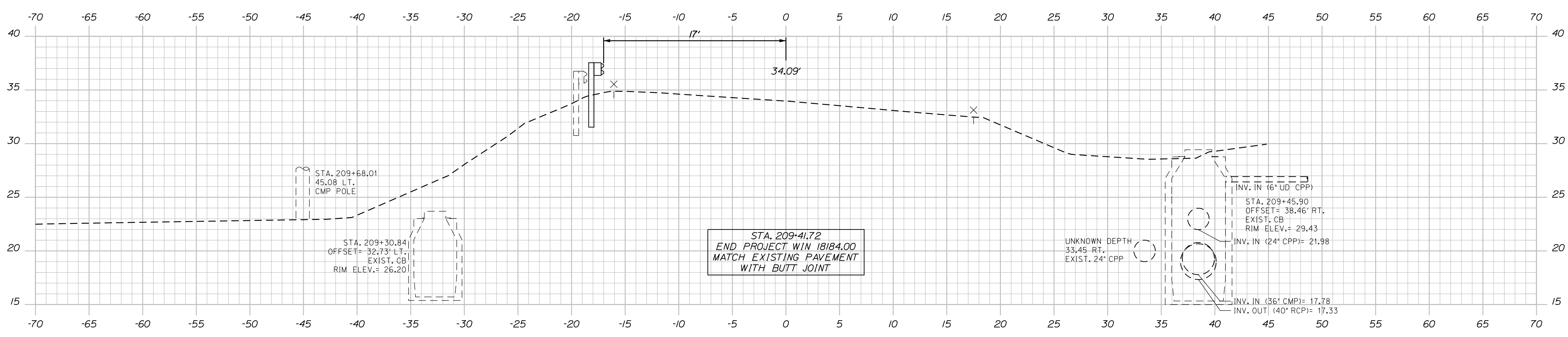
Sta. 209+50.00 to Sta. 210+50.00 ROUTE 236



210+50.00



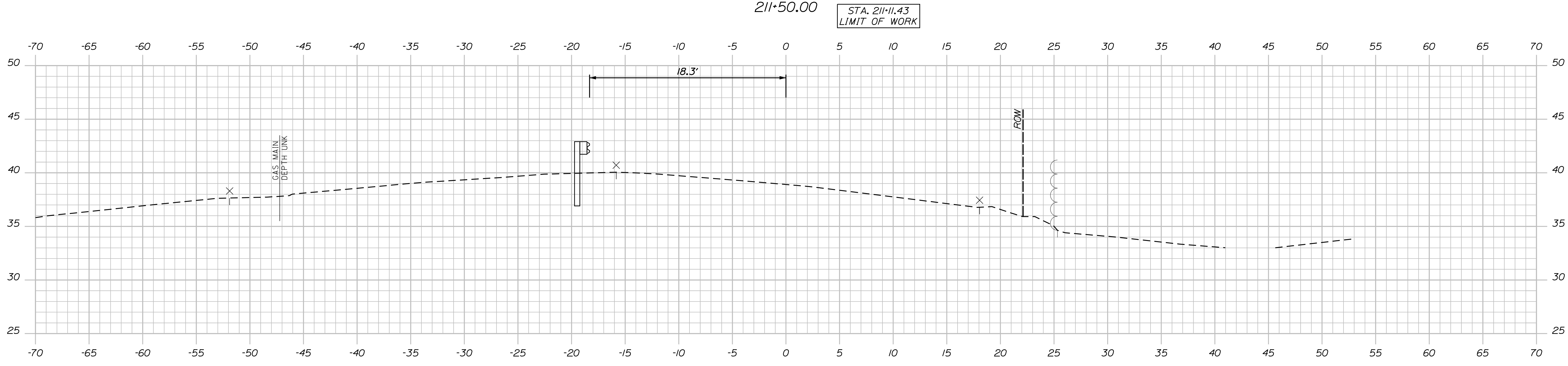
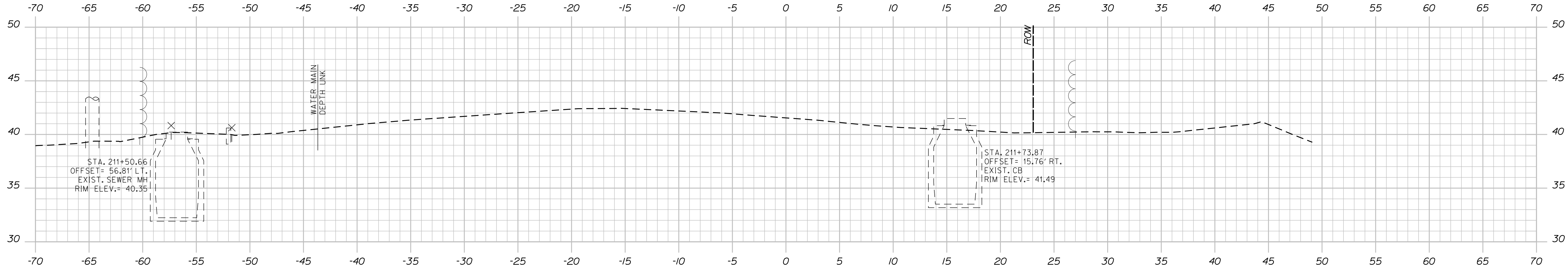
210+00.00



209+50.00

TOWN OF KITTERY		WIN		HIGHWAY PLANS	
MEMORIAL CIRCLE		18184.00		18184.00	
CROSS SECTIONS		SHEET NUMBER		36	
OF 48		DATE		DATE	
PROJ. MANAGER		BY		DATE	
DESIGN-DETAILED		B. KEIZER		03/17	
CHECKED-REVIEWED		MPC		03/17	
DESIGN-DETAILED		DGE		SIGNATURE	
DESIGN-DETAILED		DGE		P.E. NUMBER	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3		DATE	
REVISIONS 4		REVISIONS 4		DATE	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES	

Sta. 211+00.00 to Sta. 211+50.00 ROUTE 236



TOWN OF KITTERY

KITTERY
MEMORIAL CIRCLE
CROSS SECTIONS

SHEET NUMBER

37

OF 48

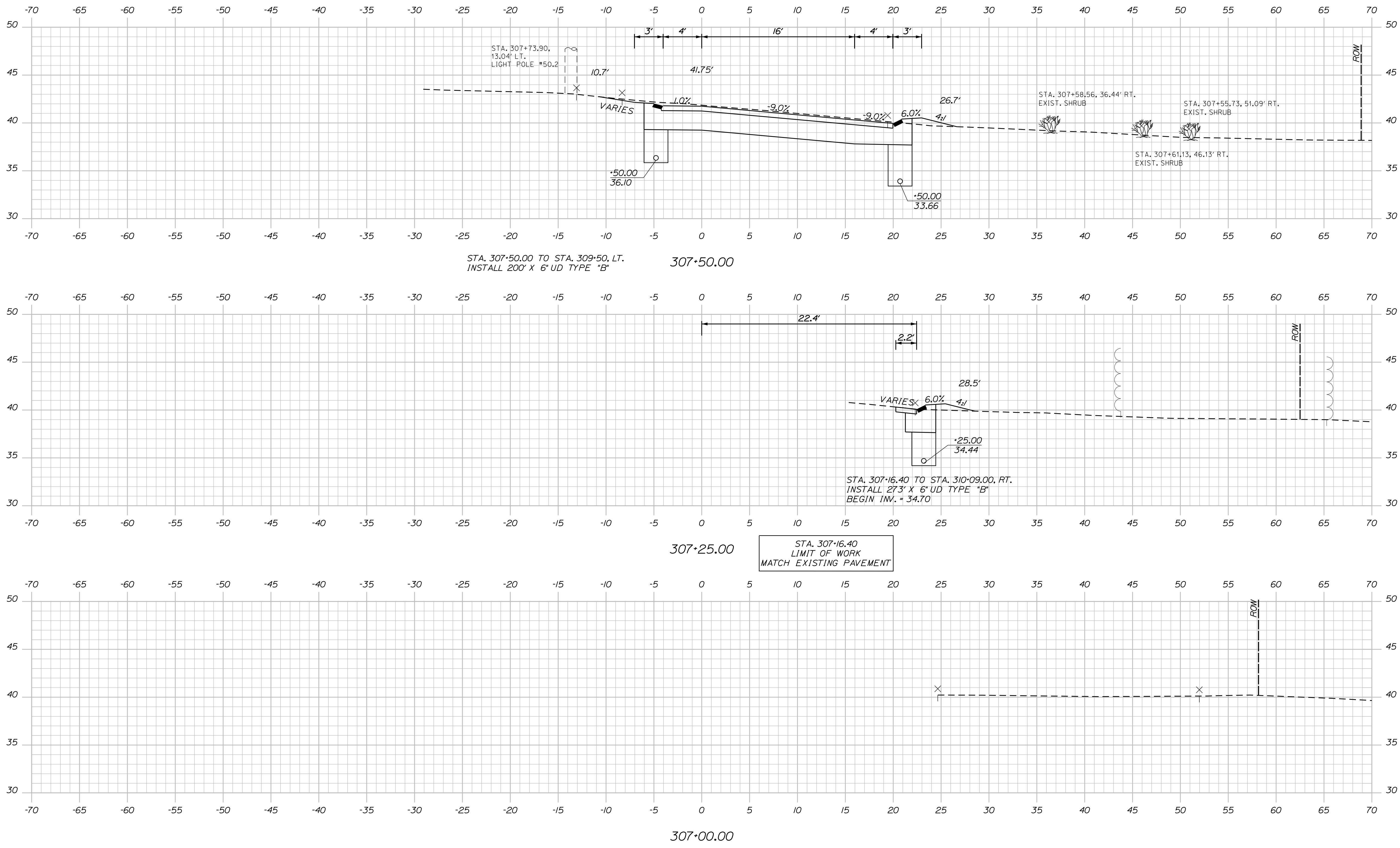
PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN-DETAILED	BKH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

WIN
18184.00

HIGHWAY PLANS

Sta. 307+00.00 to Sta. 307+50.00 ROUTE 1 BYPASS OFF RAMP

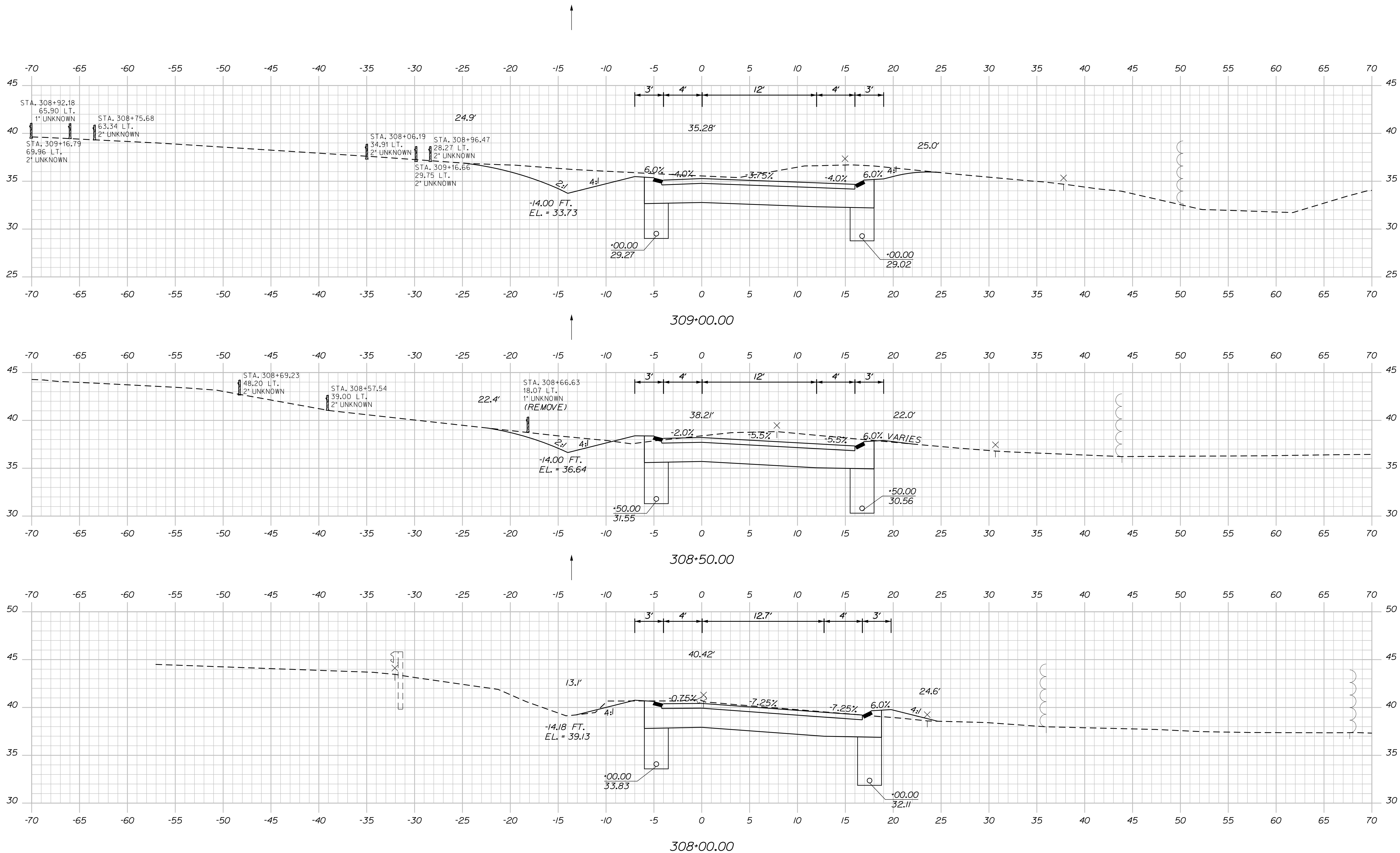


TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
KITTERY MEMORIAL CIRCLE		CROSS SECTIONS	
SHEET NUMBER			
38			
OF 48			

PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN DETAILED	BW	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DATE	SIGNATURE
DATE	P.E. NUMBER
DATE	DATE

Sta. 308+00.00 to Sta. 309+00.00 ROUTE 1 BYPASS OFF RAMP

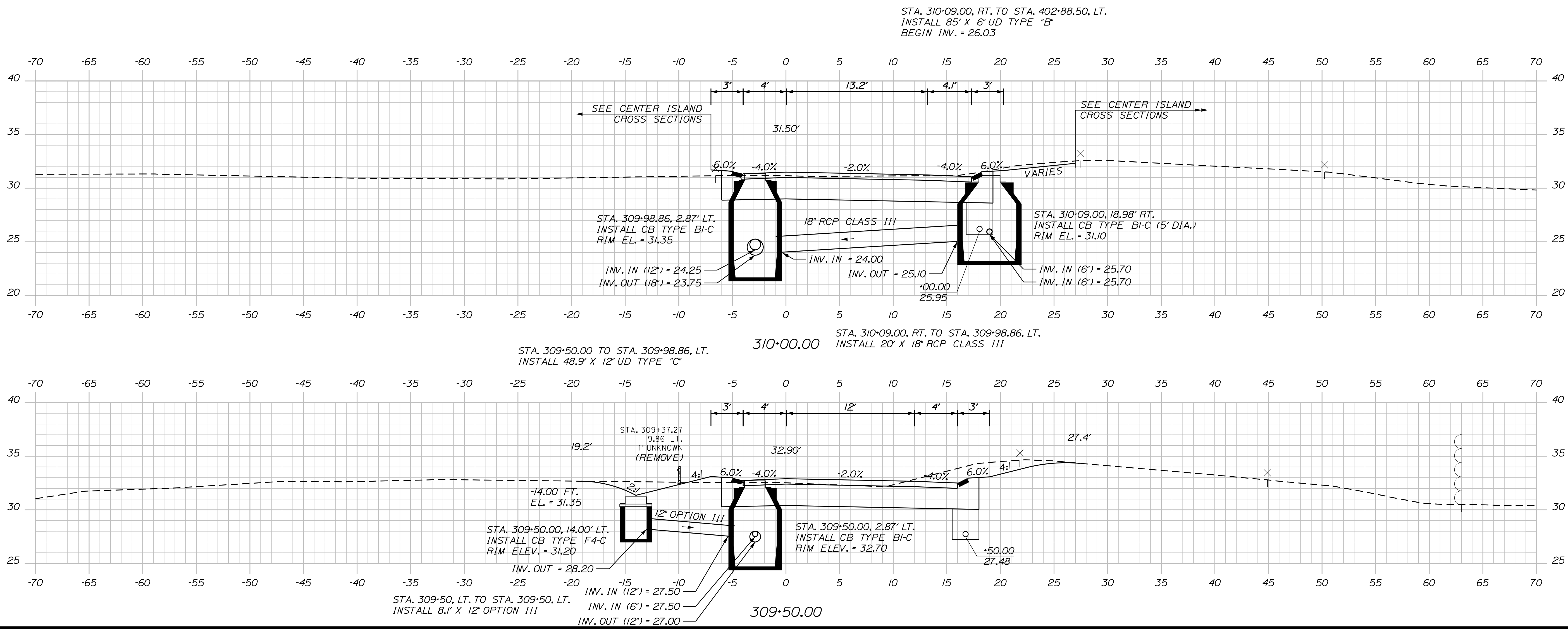


TOWN OF KITTERY		HIGHWAY PLANS	
WIN		18184.00	
SHEET NUMBER		39	
OF 48		CROSS SECTIONS	

PROJ. MANAGER	B. KEIZER	BY	DATE
DESIGN-DETAILED	BKH	MPC	03/17
CHECKED-REVIEWED	DGE		03/17
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DATE	SIGNATURE	P.E. NUMBER	DATE
03/17			
03/17			

Sta. 309+50.00 to Sta. 310+00.00 ROUTE 1 BYPASS OFF RAMP



TOWN OF KITTERY		DATE	
SIGNATURE		DATE	
P.E. NUMBER		DATE	
WIN		DATE	
18184.00		DATE	
HIGHWAY PLANS		DATE	
KITTERY MEMORIAL CIRCLE CROSS SECTIONS			
SHEET NUMBER			
40			
OF 48			

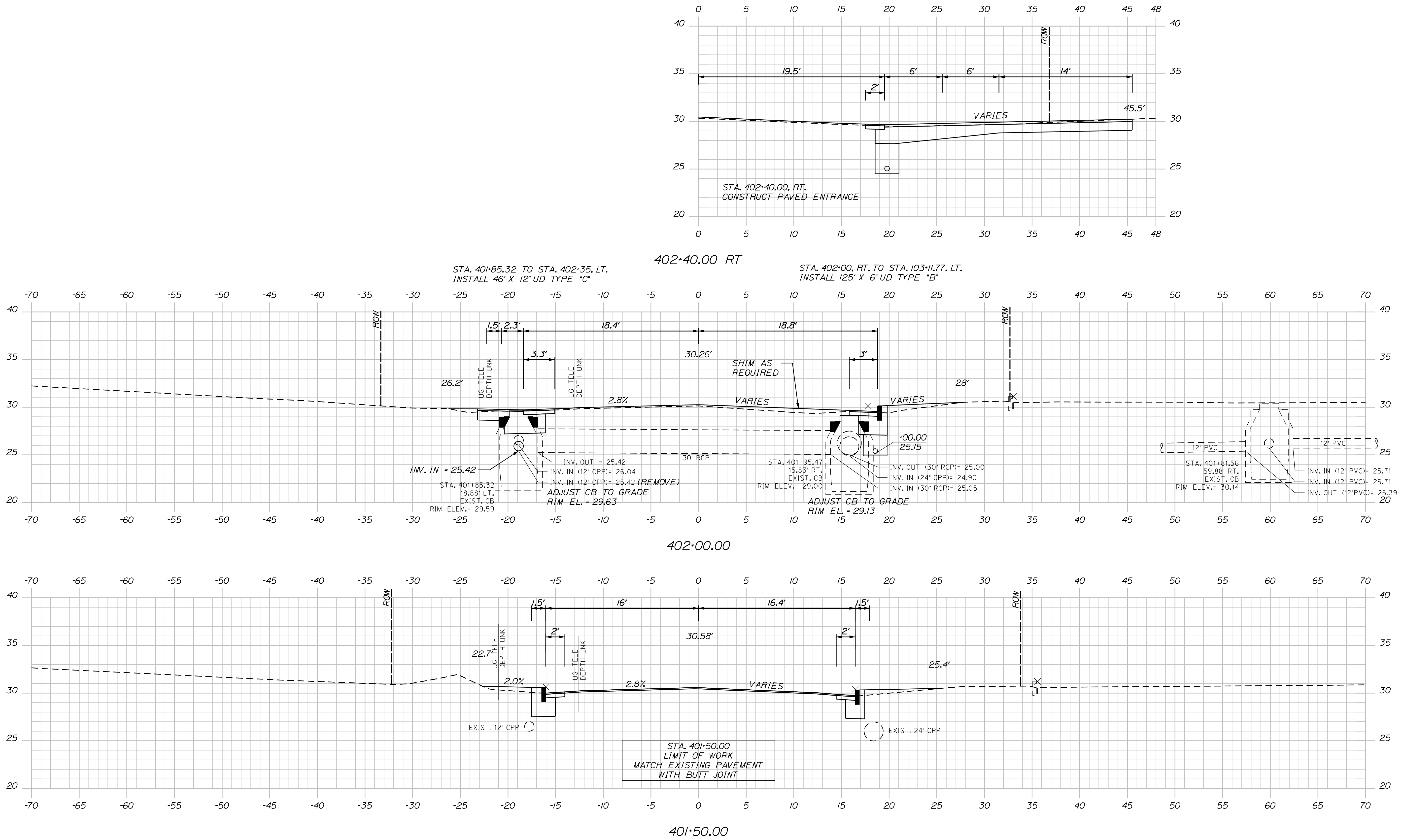
Date: 3/31/2017

Username: Mike.Cundiff

Division: HIGHWAY

Filename: ...Z - CAD\00\highway\XSEC.dgn

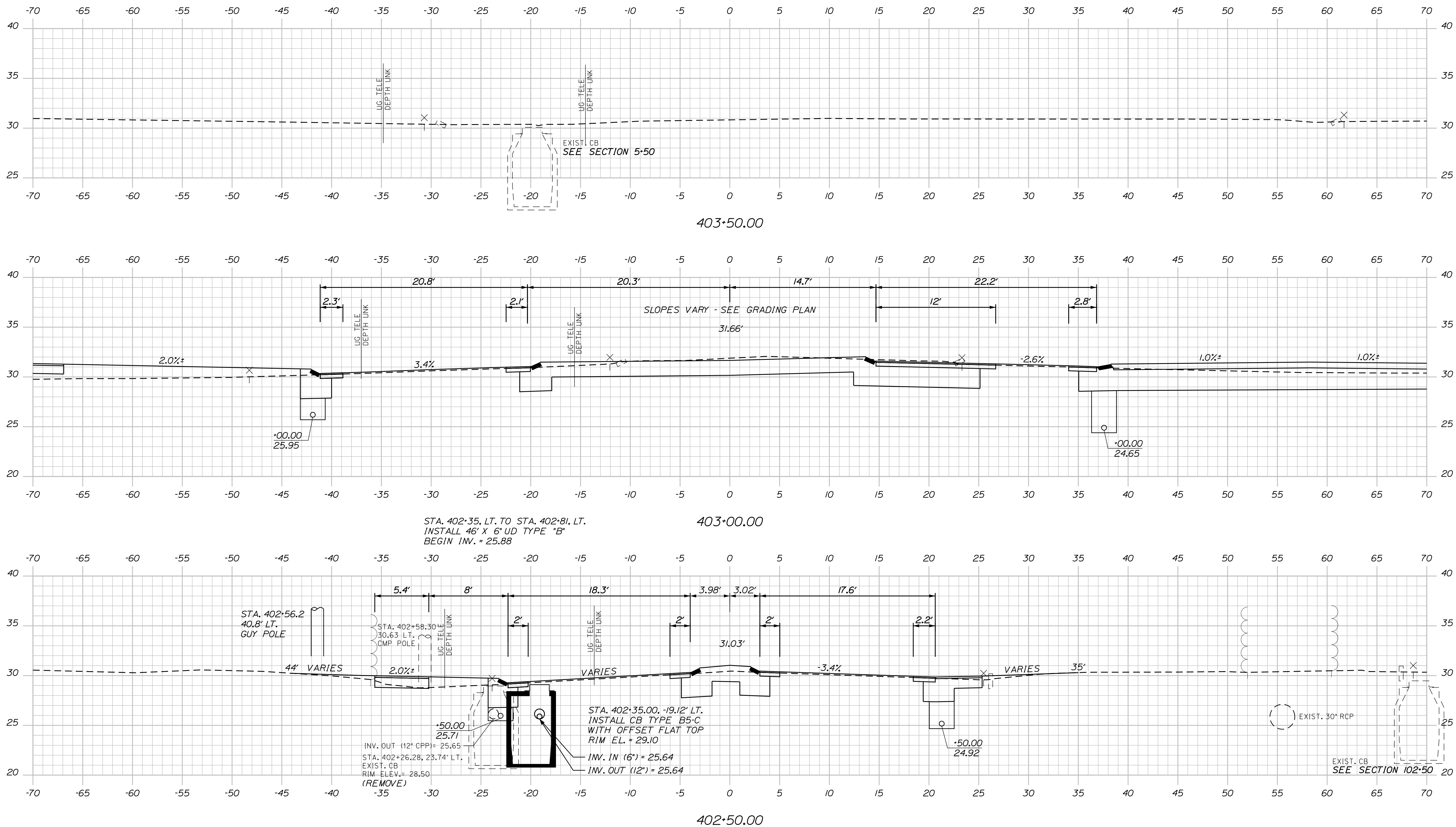
Sta. 401+50.00 to Sta. 402+40.00 OLD POST ROAD



TOWN OF KITTERY		SIGNATURE		P.E. NUMBER		DATE	
PROJ. MANAGER	DATE	BY	DATE	DESIGN-DETAILED	DATE	DESIGNED	DATE
B. KEIZER	03/17	MPC	03/17	CHECKED-REVIEWED	03/17	DESIGNED-REVIEWED	03/17
DESIGN-DETAILED		DESIGNED		DESIGN-DETAILED		DESIGNED	
REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4	
FIELD CHANGES							
KITTERY MEMORIAL CIRCLE				SHEET NUMBER			
				41			
				OF 48			

HIGHWAY PLANS
WIN
18184.00

Sta. 402+50.00 to Sta. 403+50.00
 OLD POST ROAD



TOWN OF KITTERY	
WIN 18184.00	HIGHWAY PLANS
KITTERY MEMORIAL CIRCLE	CROSS SECTIONS
SHEET NUMBER 42	OF 48

PROJ. MANAGER	B. KEEZER	BY	DATE
DESIGN DETAILED	BKH	MPC	03/17
CHECKED/REVIEWED	DGE		03/17
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DATE	SIGNATURE	P.E. NUMBER	DATE
03/17			
03/17			

Filename: ... \00\ROW\MSTA\043_RWPLAN1.dgn Division: ROW Username: Guy.Ladd Date: 3/17/2017

Town, County, State _____
 Approx. Property Lines _____
 Existing Right of Way _____
 Limits of Wrought Portion _____
 Control Of Access _____
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W _____
 Building _____
 Trees _____
 Water Edge _____
 Ledge _____
 Fence _____
 Sign _____
 Clearing Limit Line _____
 Bush Line _____
 Rock/Boulder _____
 Barb Wire _____
 Stockade _____
 Well _____
 Mailbox _____

PLAN LEGEND
 Existing _____ Proposed _____
 Sanitary Sewer _____
 Telephone Line _____
 Electric Line _____
 Water Line _____
 Underdrain Line _____
 Gas Line _____
 Guardrail _____
 Culvert _____
 Traveled Way _____
 Ditch _____
 Catch Basin _____
 Manhole _____
 Sewer Manhole _____
 Utility Pole _____
 Fire Hydrant _____
 Curbing _____

Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____
 Replacement Pin Set _____
 Fill Line _____
 Retaining Wall _____
 Traverse Point _____
 Pipe Found _____

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 ADJACENT PROPERTY OWNERS.

Scale of Feet

EXISTING RIGHT OF WAY
 ROUTE 1 BY-PASS
 1) MAINE - NEW HAMPSHIRE INTERSTATE BRIDGE AUTHORITY PISCATAQUA RIVER BRIDGE KITTERY, MAINE & PORTSMOUTH, NEW HAMPSHIRE RIGHT OF WAY MAPS - ME. APPROACH RE-SURVEYED BY MOULTON ENGINEERING DATED AUGUST 1954 SHEET 3 OF 3
 2) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY PLAN STATE HIGHWAY A-10 KITTERY, YORK COUNTY DATED JULY 1941 S.H.C. FILE NO. 16-58, SHEETS 3 & 4
 3) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP STATE HIGHWAY "1" KITTERY, YORK COUNTY WEIGHING STATION DATED SEPTEMBER 1954 S.H.C. FILE NO. 16-103 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 35, PAGE 37
 4) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP FEDERAL AID SECONDARY PROJECT S-0100(5) DATED - JANUARY 1956 S.H.C. FILE NO. 16-112, SHEET 1 OF 13 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 29, PAGE 27
 5) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP STATE HIGHWAY "95" KITTERY, YORK COUNTY FEDERAL AID PROJECT NO. I-95-1(2), SECTION 2 DATED - JULY 1967 S.H.C. FILE NO. 16-181, SHEETS 11+14 OF 56 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 107, PAGES 19+24
 6) STATE OF MAINE - DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP KITTERY, YORK COUNTY LAND OF MAINE - NEW HAMPSHIRE BRIDGE AUTHORITY TO STATE DATED DECEMBER 1938, SEPTEMBER 1985 D.O.T. FILE NO. 16-297, SHEET 5 OF 6 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 155, PAGE 68
 7) STATE OF MAINE - DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP - STATE HIGHWAY "1" KITTERY, YORK COUNTY FEDERAL PROJECT NO. STP-01-5727(00)X, P.I.N. 5727.00 DATED - APRIL 1996 D.O.T. FILE NO. 16-357, SHEET 5 & 6 OF 6 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 267, PAGE 20

ROGERS ROAD - ROUTE 236
 1) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY PLAN STATE HIGHWAY A-10 KITTERY, YORK COUNTY DATED - JULY 1941 S.H.C. FILE NO. 16-58, SHEETS 3 & 4
 ROGERS ROAD - BY KITTERY TOWN OFFICE
 1) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY PLAN STATE HIGHWAY A-10 KITTERY, YORK COUNTY DATED - JULY 1941 S.H.C. FILE NO. 16-58, SHEETS 3 & 4
 ADAMS DRIVE
 1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP - STATE HIGHWAY "95" KITTERY, YORK COUNTY FEDERAL AID PROJECT NO. I-95-1(2), SECTION 3 PART 1 & SECTION 4 DATED - JULY 1967 S.H.C. FILE NO. 16/181, SHEETS 18 OF 56 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 107, PAGE 26
 US ROUTE 1 AND INTERSTATE 95 ON RAMP BY ADAMS DRIVE
 1) MAINE TURNPIKE AUTHORITY SECTION 1 - KITTERY TO PORTLAND - PROPERTY PLAN TOWN OF KITTERY, YORK COUNTY BY HOWARD NEEDLES TAMMEN & BERGENDOFF DATED - DECEMBER 1946 SUPPLEMENTAL SHEET NO. 2

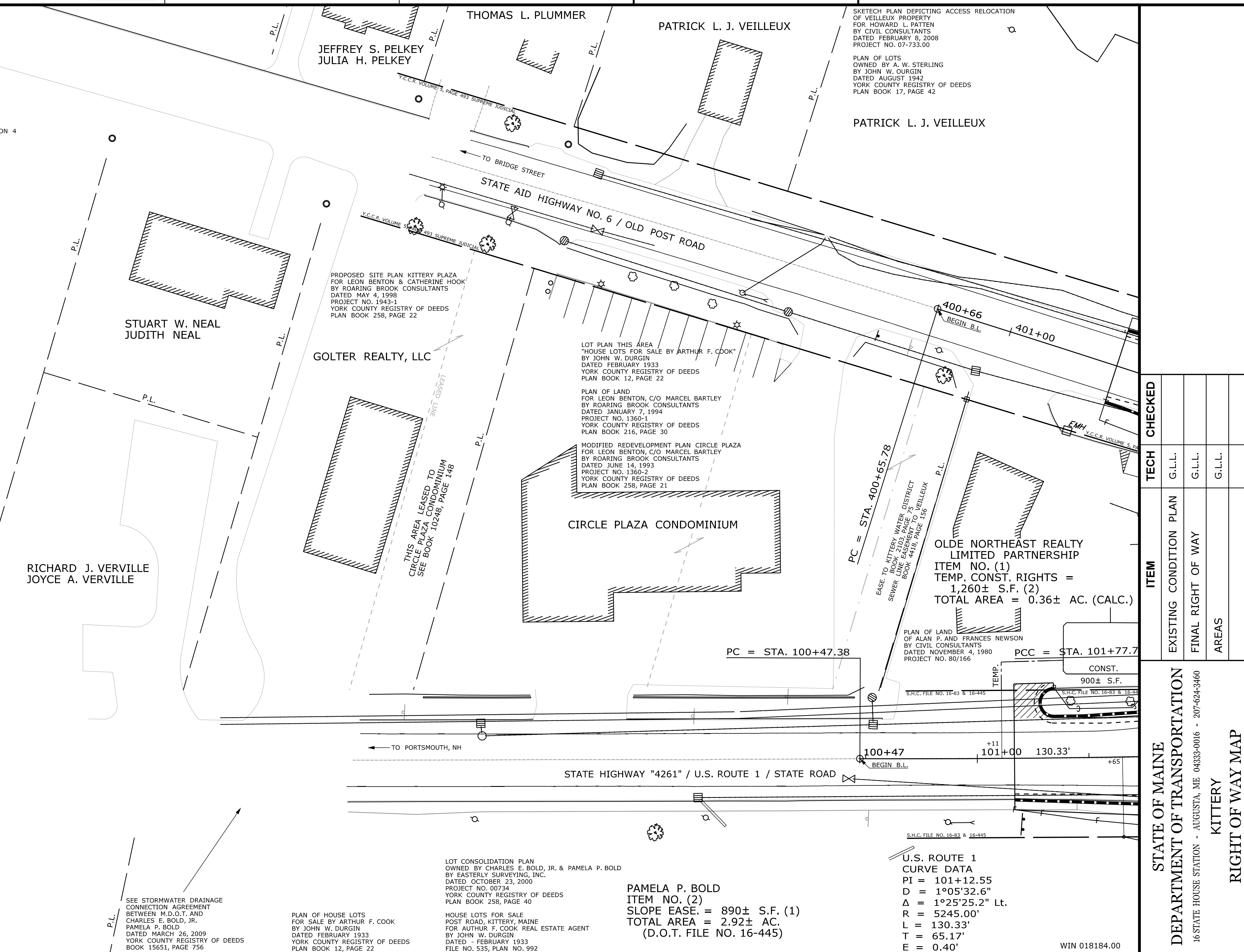
AS-BUILT PLANS
 1) STATE OF MAINE - STATE HIGHWAY COMMISSION PLAN AND PROFILE STATE HIGHWAY "A" KITTERY, YORK COUNTY FEDERAL AID PROJECT NO. 87-A PLOT SET ID NO. 97
 2) STATE OF MAINE - STATE HIGHWAY COMMISSION PLAN AND PROFILE STATE HIGHWAY "A" KITTERY, YORK COUNTY FEDERAL AID PROJECT NO. 87-C PLOT SET ID NO. 105
 3) STATE OF MAINE - STATE HIGHWAY COMMISSION PLAN AND PROFILE STATE HIGHWAY "1" KITTERY WEIGHING STATION - APPROACH ROADS KITTERY, YORK COUNTY STATE PROJECT NO. 16-02 PLOT SET ID NO. 738
 4) STATE OF MAINE - STATE HIGHWAY COMMISSION PLAN AND PROFILE KITTERY, YORK COUNTY MAINE DEFENSE HIGHWAY PROJECT N.O.D.A. - N.R.1 PLOT SET ID NO. 1109
 5) STATE HIGHWAY COMMISSION PLANS KITTERY, YORK COUNTY MAINE FEDERAL AID INTERSTATE PROJECT NO. I-95-1(4) PLOT SET ID NO. 1235
 6) STATE OF MAINE - STATE HIGHWAY COMMISSION PLANS KITTERY, YORK COUNTY MAINE FEDERAL AID INTERSTATE PROJECT NO. I-95-1(5)J00 PLOT SET ID NO. 1236

TAX MAP INFORMATION
 1) TOWN OF KITTERY TAX MAPS 14 & 22

OLD POST ROAD
 1) YORK COUNTY COMMISSIONERS RECORDS VOLUME 5, PAGE 493 SUPREME JUDICIAL 1827 - 4 RODS WIDE (66')
 2) YORK COUNTY COMMISSIONERS RECORDS VOLUME 13, PAGE 202 1795 - 3 RODS WIDE (49.5')

KITTERY CIRCLE
 1) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY PLAN STATE HIGHWAY A-10 KITTERY, YORK COUNTY DATED - JULY 1941 S.H.C. FILE NO. 16-58, SHEETS 3 & 4
STATE ROAD - SOUTHERLY OF KITTERY CIRCLE
 1) MAINE DEPARTMENT OF TRANSPORTATION - RIGHT OF WAY MAP STATE HIGHWAY "1" - US ROUTE 1 KITTERY, YORK COUNTY FEDERAL AID PROJECT NO. STP-1158(400)X DATED - OCTOBER 2007 D.O.T. FILE NO. 16-445, SHEET 7 OF 9 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 341, PAGE 32
 2) MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP STATE HIGHWAY "A" KITTERY, YORK COUNTY FEDERAL AID PROJECT NO. 83A DATED - AUGUST 1952, COMPILED DATE - 1952 S.H.C. FILE NO. 16-83, SHEET 4 OF 4
STATE ROAD - NORTHERLY OF KITTERY CIRCLE
 1) YORK COUNTY COMMISSIONERS RECORDS VOLUME 5, PAGE 493 SUPREME JUDICIAL 1827 - 4 RODS WIDE (66')
 2) YORK COUNTY COMMISSIONERS RECORDS VOLUME 13, PAGE 202 1795 - 3 RODS WIDE (49.5')

CONTROL INFORMATION
 HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
 ZONE MAINE 2000 WEST ZONE
 VERTICAL DATUM - NAVD 88
 COMBINED FACTOR - 0.9999892



NO.	DATE	REVISIONS DESCRIPTION	BY

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

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER
 DATE _____

STATE HIGHWAY "4261" / STATE AID HIGHWAY NO. 6		SHEET NUMBER
U.S. ROUTE 1 / STATE ROAD / OLD POST ROAD		
KITTERY YORK COUNTY		43
FEDERAL AID PROJECT NO. STP-1818(400)X		
OCTOBER 2016	RIGHT-OF-WAY MAP	OF 48
SCALE 1" = 25'	SHEET 1 OF 6	

ITEM	TECH	CONDITION	PLAN	AREAS
EXISTING RIGHT OF WAY	G.L.L.	G.L.L.	G.L.L.	G.L.L.
FINAL RIGHT OF WAY	G.L.L.	G.L.L.	G.L.L.	G.L.L.
AREAS	G.L.L.	G.L.L.	G.L.L.	G.L.L.

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

Town, County, State _____
 Approx. Property Lines _____ P.L.
 Existing Right of Way _____
 Limits of Wrought Portion _____ L.O.W.P.
 Control Of Access _____ C.O.A.
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W _____
 Building _____
 Trees Conifer _____
 Tree Line _____
 Water Edge _____
 Ledge _____
 Fence CHAIN LINK _____
 Sign _____
 Clearing Limit Line _____
 Deciduous _____
 Bush Line _____
 Rock/Boulder _____
 Barb Wire _____
 Well _____
 Flag Pole _____
 Stockade _____
 Mailbox _____

PLAN LEGEND
 Existing _____ Proposed _____
 Sanitary Sewer _____
 Telephone Line _____
 Electric Line _____
 Water Line _____
 Underdrain Line _____
 Gas Line _____
 Guardrail _____
 Culvert _____
 Traveled Way _____
 Ditch _____
 Catch Basin _____
 Manhole _____
 Sewer Manhole _____
 Utility Pole _____
 Fire Hydrant _____
 Curbing _____

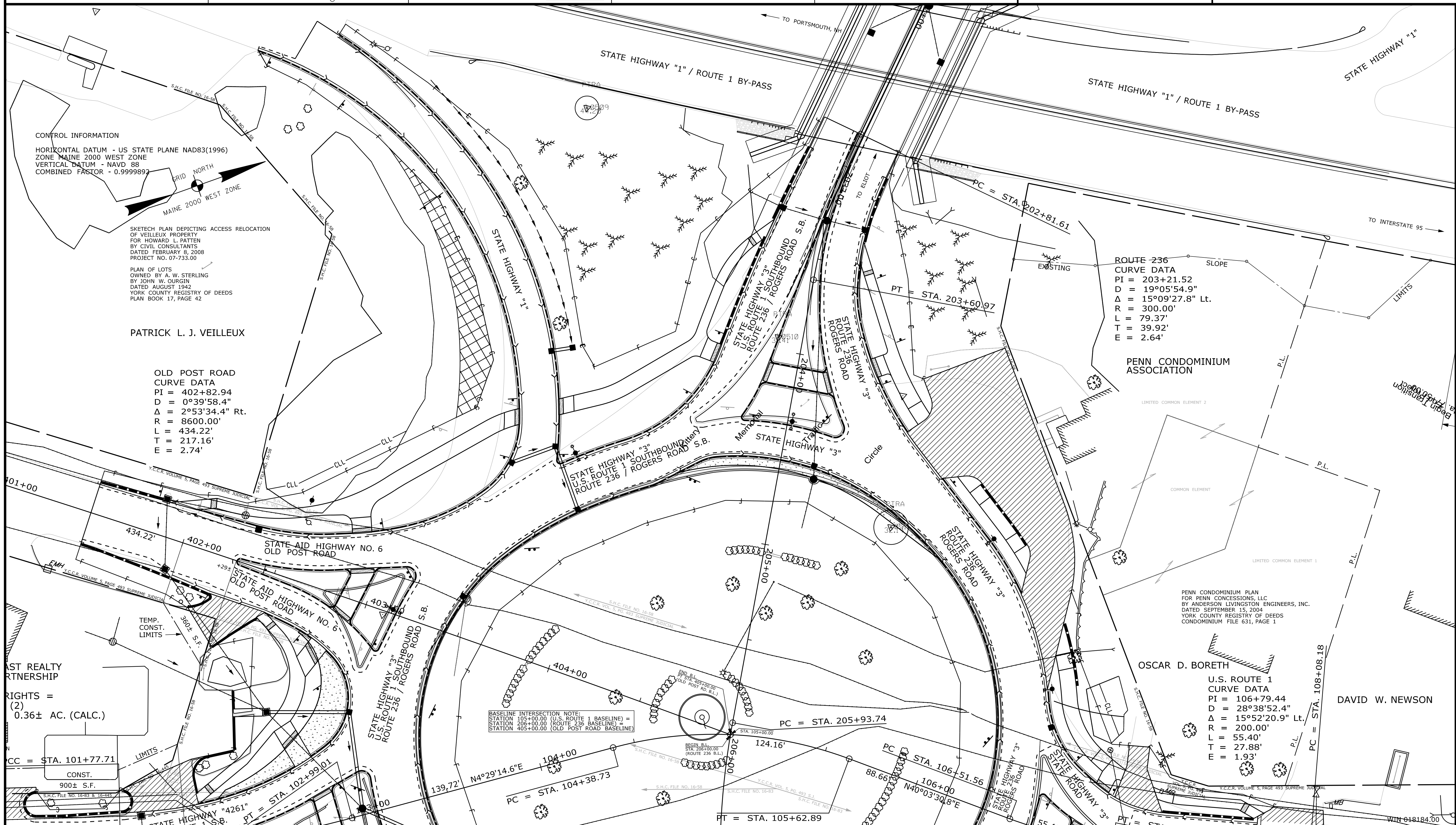
Existing _____ Proposed _____
 Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____ IRF
 Replacement Pin Set _____

Fill Line _____
 Retaining Wall _____
 Traverse Point _____
 Pipe Found _____ IPF

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 ADJACENT PROPERTY OWNERS.

25 0 25 50 75 100
 Scale of Feet



ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	
FINAL RIGHT OF WAY	G.L.L.	
AREAS	G.L.L.	

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

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

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER
 DATE _____

STATE HIGHWAYS "3", "1" & 4261 / STATE AID HIGHWAY NO. 6
 U.S. ROUTE 1 / OLD POST ROAD / ROGERS ROAD
 STATE ROAD / U.S. ROUTE 1 BY-PASS
 KITTERY YORK COUNTY
 FEDERAL AID PROJECT NO. STP-1818(400)X
 OCTOBER 2016 RIGHT-OF-WAY MAP
 SCALE 1" = 25' SHEET 2 OF 6
 D.O.T. FILE NO. 16-517

SHEET NUMBER
44
 OF 48

Date: 3/17/2017

Username: Cuy.Ladd

Filename: ...:\00\ROW\WSTA044_RWPLAN2.dgn Division: ROW

Town, County, State _____
 Approx. Property Lines _____ P.L.
 Existing Right of Way _____
 Limits of Wrought Portion _____ L.O.W.P.
 Control Of Access _____ C.O.A.
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W _____
 Building _____
 Trees Conifer _____
 Deciduous _____
 Clearing Limit Line _____
 Bush Line _____
 Water Edge _____
 Ledge _____
 Fence CHAIN LINK _____
 Sign _____
 Rock/Boulder _____
 Flag Pole _____
 BARB WIRE _____
 STOCKADE _____
 WELL _____
 Mailbox _____

PLAN LEGEND

Sanitary Sewer	Existing	Proposed	Traveled Way	Existing	Proposed
Telephone Line	Existing	Proposed	Ditch	Existing	Proposed
Electric Line	Existing	Proposed	Catch Basin	Existing	Proposed
Water Line	Existing	Proposed	Manhole	Existing	Proposed
Underdrain Line	Existing	Proposed	Sewer Manhole	Existing	Proposed
Gas Line	Existing	Proposed	Utility Pole	Existing	Proposed
Guardrail	Existing	Proposed	Fire Hydrant	Existing	Proposed
Culvert	Existing	Proposed	Curbing	Existing	Proposed

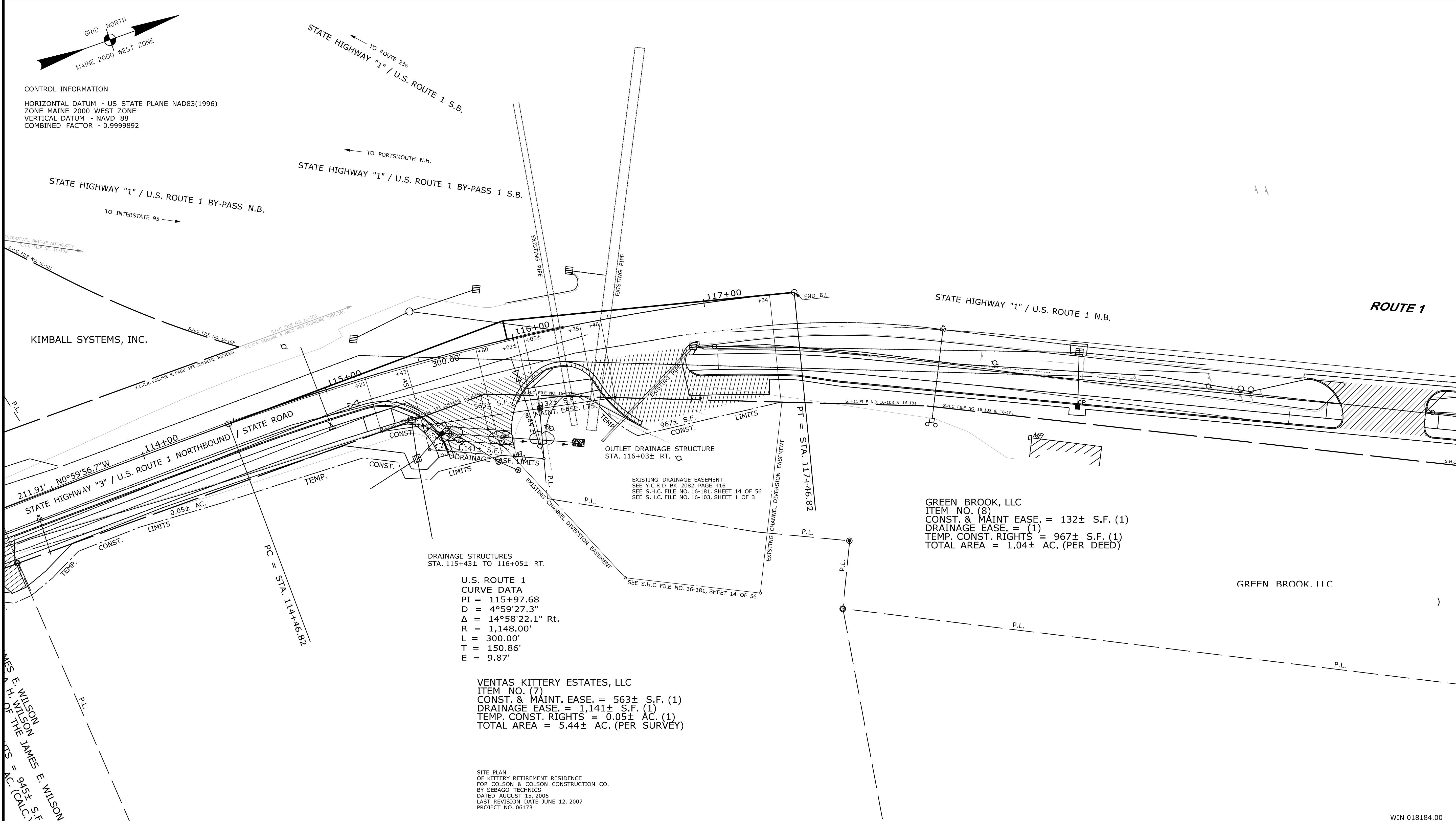
Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____
 Replacement Pin Set _____
 Fill Line _____
 Retaining Wall _____

 Traverse Point _____
 Pipe Found _____

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



STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460 KITTELY RIGHT OF WAY MAP	TECH	CHECKED
	EXISTING CONDITION PLAN	G.L.L.
	FINAL RIGHT OF WAY AREAS	G.L.L.

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

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER

DATE _____

STATE HIGHWAY "3" & "1"
 U.S. ROUTE 1 / STATE ROAD / U.S. ROUTE 1 BY-PASS
 KITTELY YORK COUNTY
 FEDERAL AID PROJECT NO. STP-1818(400)X

OCTOBER 2016
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 5 OF 6

D.O.T. FILE NO. 16-517

SHEET NUMBER
47
 OF 48

Filename: ...:\00\ROW\MSTA047_RWPLAN5.dgn Division: ROW
 Username: Guy.Ladd Date: 3/17/2017

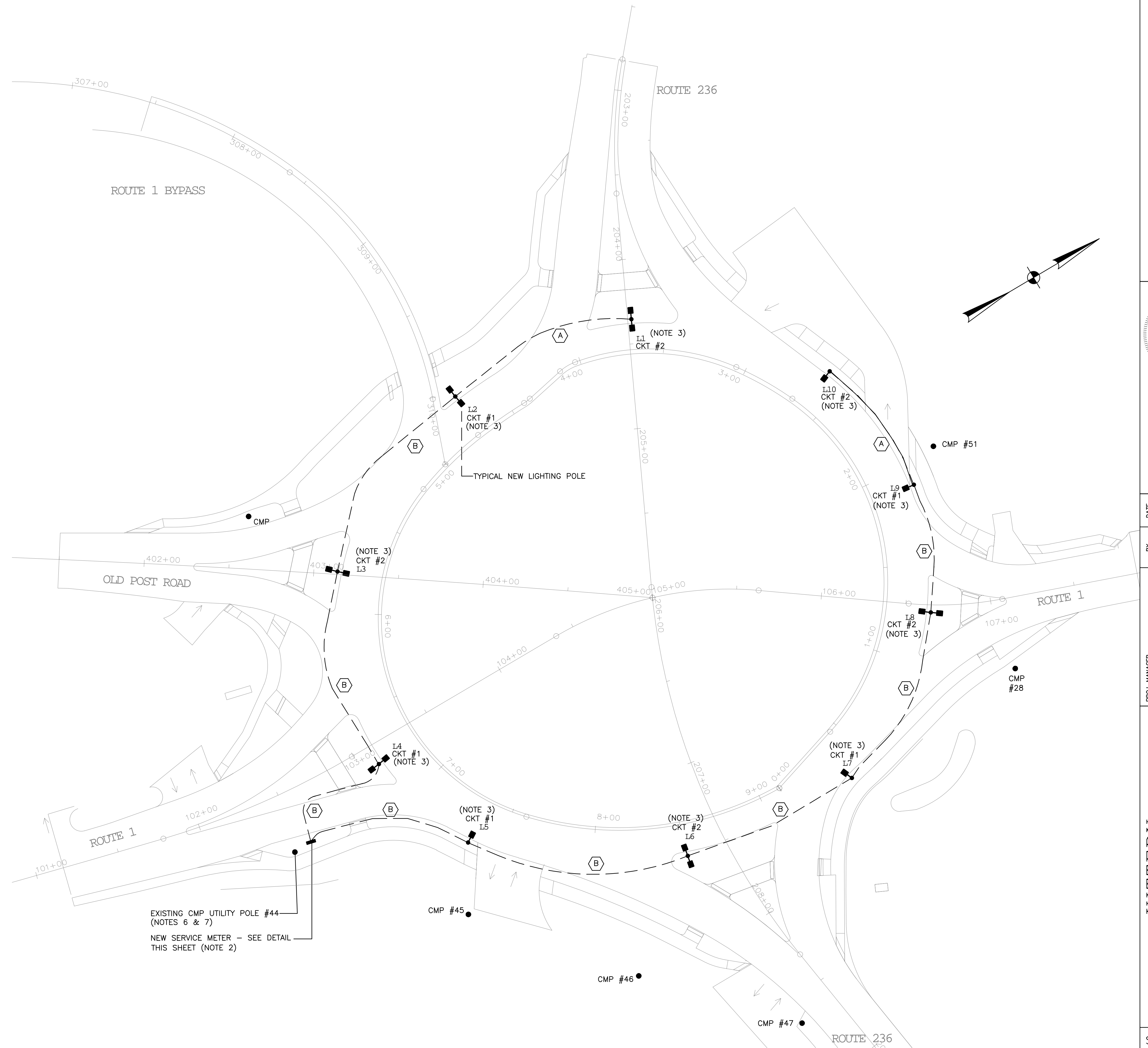
PROJECT NOTES

- SEE CIVIL PLANS FOR EXISTING UNDERGROUND AND OVERHEAD UTILITY INFORMATION. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS ON SITE AND SHALL COORDINATE ALL EXCAVATION WORK WITH EXISTING UTILITIES.
- WHERE INDICATED, PROVIDE NEW WEATHERPROOF ELECTRICAL SERVICE BOX WITH PANEL 'P1' INSIDE. PANEL SHALL BE RATED 277/480 VOLTS, 1-PHASE, 3-WIRE, 100-AMPERES. PROVIDE THE FOLLOWING CIRCUIT BREAKERS FOR NEW STREET LIGHTING CIRCUITS:
 CKT #1 - 20A/2P
 CKT #2 - 20A/2P
 CKT #3 - 20A/2P SPARE
 CKT #4 - 20A/2P SPARE
- WHERE INDICATED, PROVIDE NEW LIGHTING POLE AND LUMINAIRE WITH NEW FOUNDATION BASE.
- WHERE CONDUIT PASSES BENEATH PAVED ROADS, OR ACCESS DRIVES TO NON-RESIDENTIAL PROPERTY, CONDUIT SHALL BE PVC SCHEDULE 80. ALL OTHER UNDERGROUND CONDUIT MAY BE PVC SCHED. 40.
- THE MINIMUM BURIAL DEPTH FOR ALL CONDUITS SHALL BE 36 INCHES BELOW GRADE.
- WHERE INDICATED, ARRANGE WITH THE CENTRAL MAINE POWER COMPANY TO PROVIDE A NEW 277/480 VOLT, 1-PHASE ELECTRICAL SERVICE FROM A UTILITY POLE MOUNTED SERVICE TRANSFORMER. PROVIDE SECONDARY SERVICE CONDUCTORS CONSISTING OF 3 #2 IN A 4" CONDUIT. EXTEND SERVICE TO THE LIGHTING SERVICE METER AND PANELBOARD.
- WHERE INDICATED, PROVIDE A RIGID GALVANIZED STEEL RISER CONDUIT AT THE EXISTING UTILITY POLE FOR SERVICE TO THE STREET LIGHTING SERVICE BOX. RISER CONDUIT SHALL CONFORM TO THE REQUIREMENTS OF THE CENTRAL MAINE POWER COMPANY.

WIRING NOTES

(A) 2 # 4, 1 # 6 GND, 1-1/2" CDT.

(B) 4 # 4, 2 # 6 GND, 1-1/2" CDT.

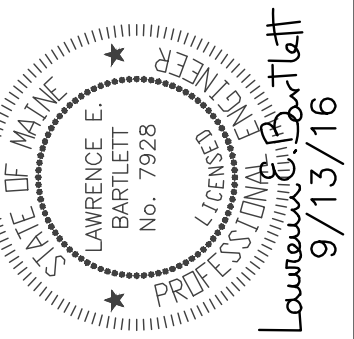


LIGHTING/ELECTRICAL PLAN
1" = 30'-0"

Bartlett Design
LIGHTING & ELECTRICAL ENGINEERING
942 WASHINGTON STREET, BATH, ME 04530
TEL (207) 443-5447 FAX (207) 443-5560

TOWN OF KITTERY

WIN
18184.00



DATE: 03-11-16
 BY: J. CONFER, L. BARTLETT
 SIGNATURE: LAWRENCE E. BARTLETT, No. 7928
 P.E. NUMBER: 7928
 DATE: 03/11/16

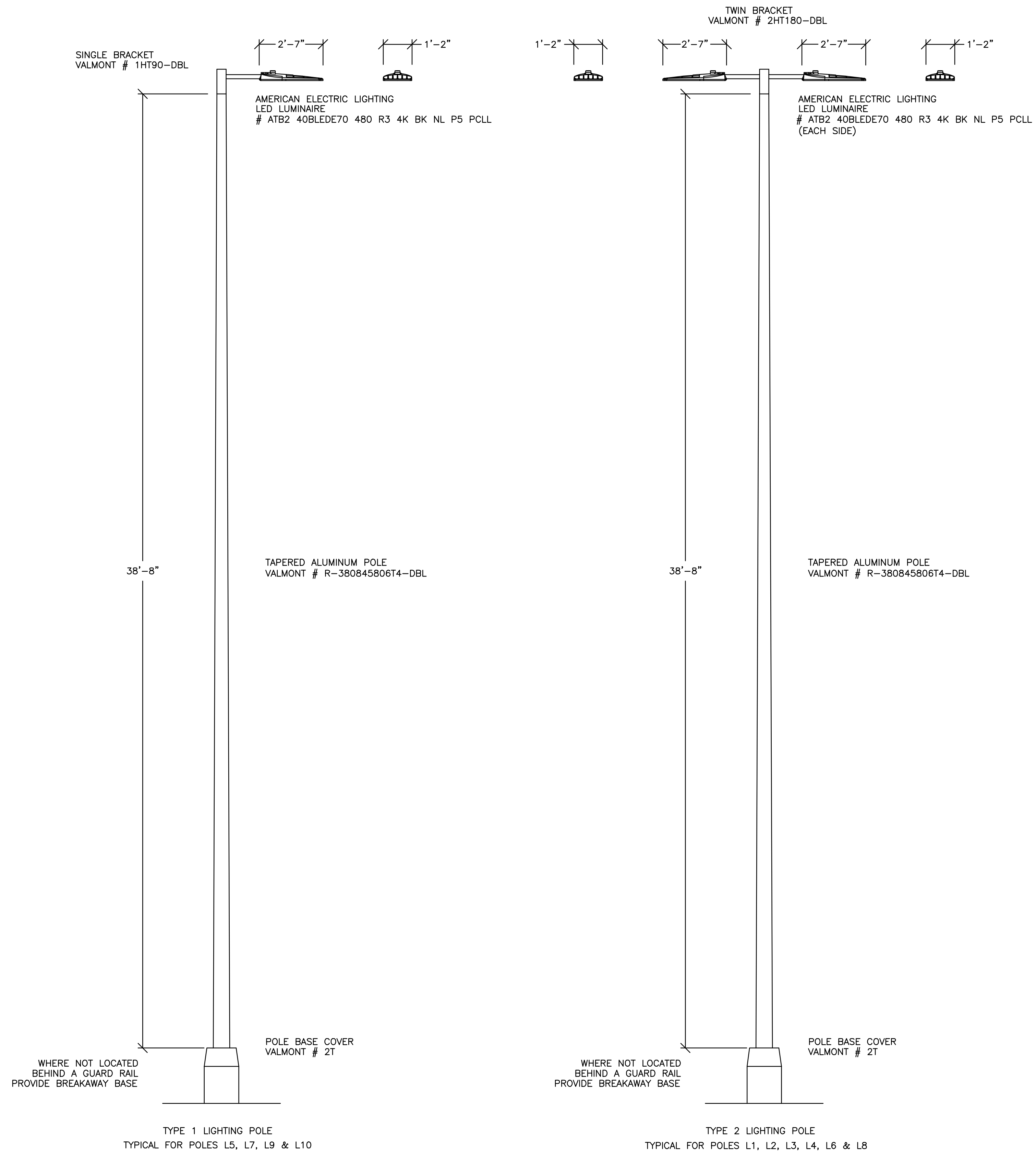
PROJ. MANAGER	DATE	BY
DESIGN-DETAILED	03-10-16	J. CONFER
CHECKED-REVIEWED	03-11-16	L. BARTLETT
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

KITTERY
MEMORIAL CIRCLE
LIGHTING/ELECTRICAL
PLAN & NOTES

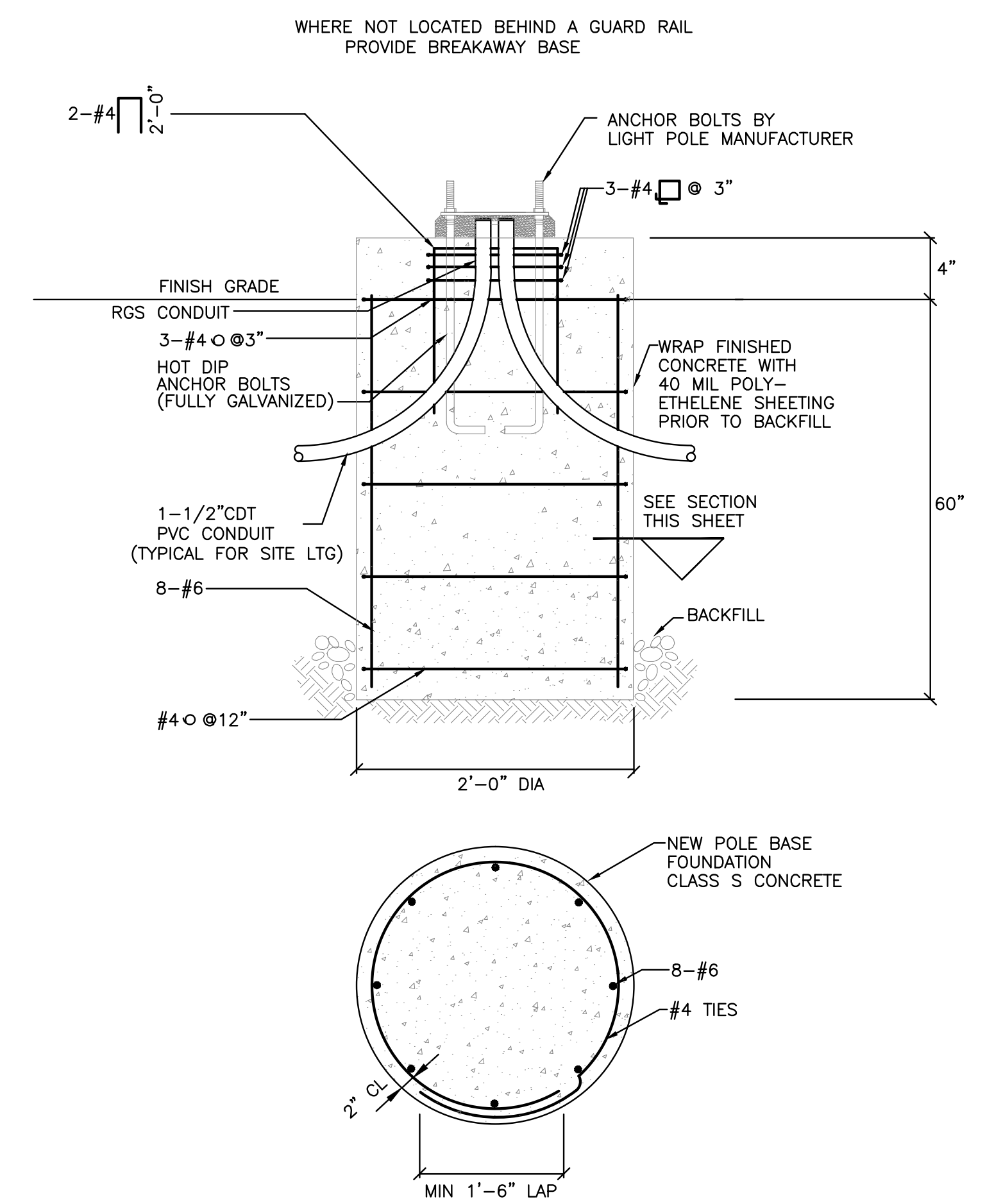
SHEET NUMBER

E1

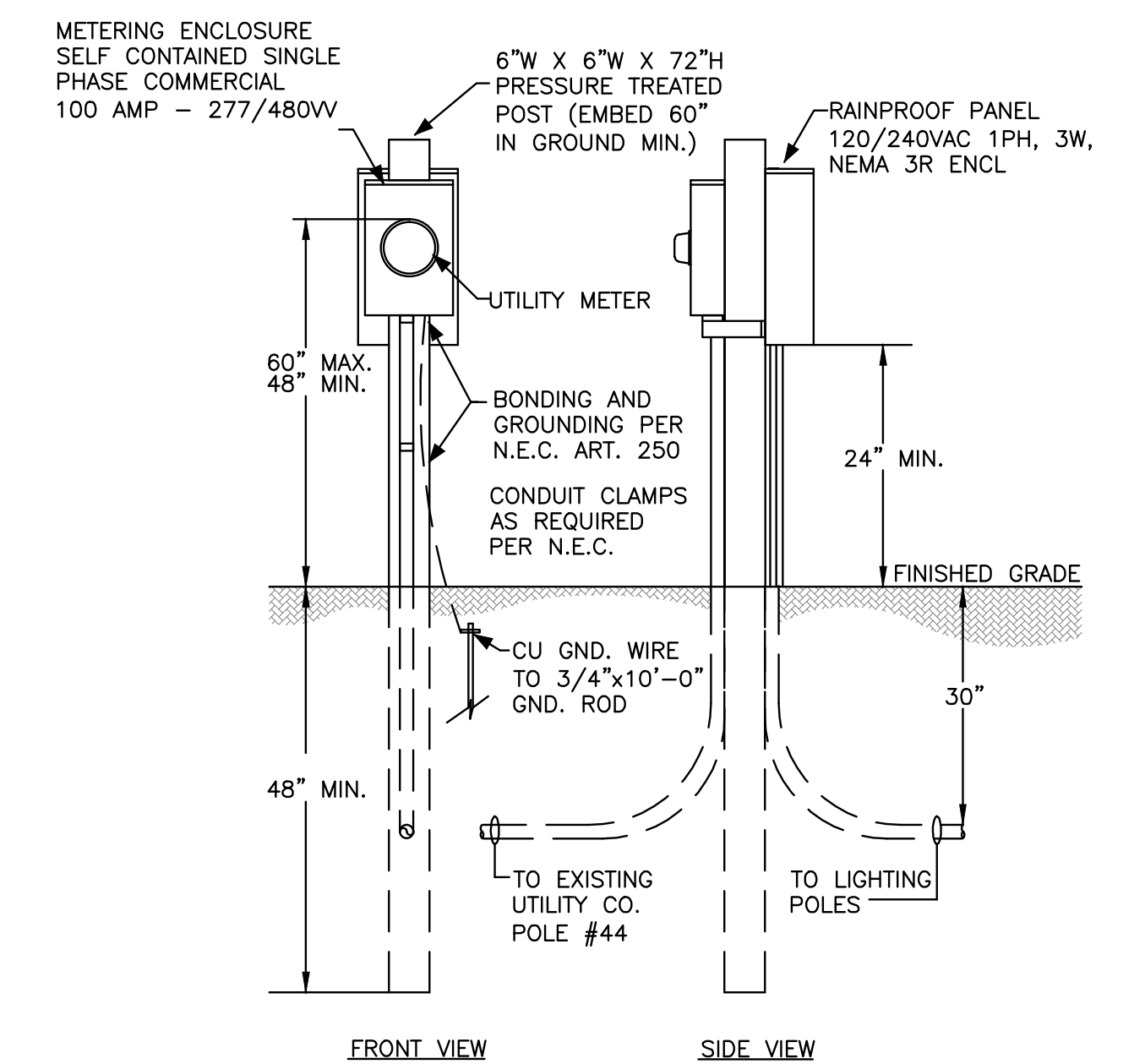
OF



LIGHTING POLE DETAILS
NOT TO SCALE



LIGHTING POLE FOUNDATION DETAIL
NOT TO SCALE

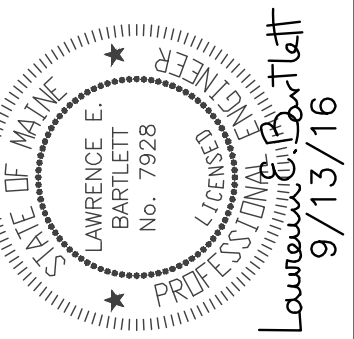


SERVICE METER & PANEL DETAIL
NOT TO SCALE

Bartlett Design
 LIGHTING & ELECTRICAL ENGINEERING
 942 WASHINGTON STREET, BATH, ME 04530
 TEL (207) 443-8447 FAX (207) 443-5560

TOWN OF KITTERY

WIN 18184.00



DATE	03-10-16	SIGNATURE	
BY	J. CONFER	P.E. NUMBER	7928
	L. BARTLETT	DATE	03/11/16
PROJ. MANAGER		REVISIONS 1	
DESIGN-DETAILED		REVISIONS 2	
CHECKED-REVIEWED		REVISIONS 3	
DESIGN-DETAILED2		REVISIONS 4	
DESIGN-DETAILED3		FIELD CHANGES	

KITTERY
 MEMORIAL CIRCLE
 LIGHTING & ELECTRICAL
 DETAILS

SHEET NUMBER

E2

OF

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

BID SET No. _____



TOWN OF KITTERY

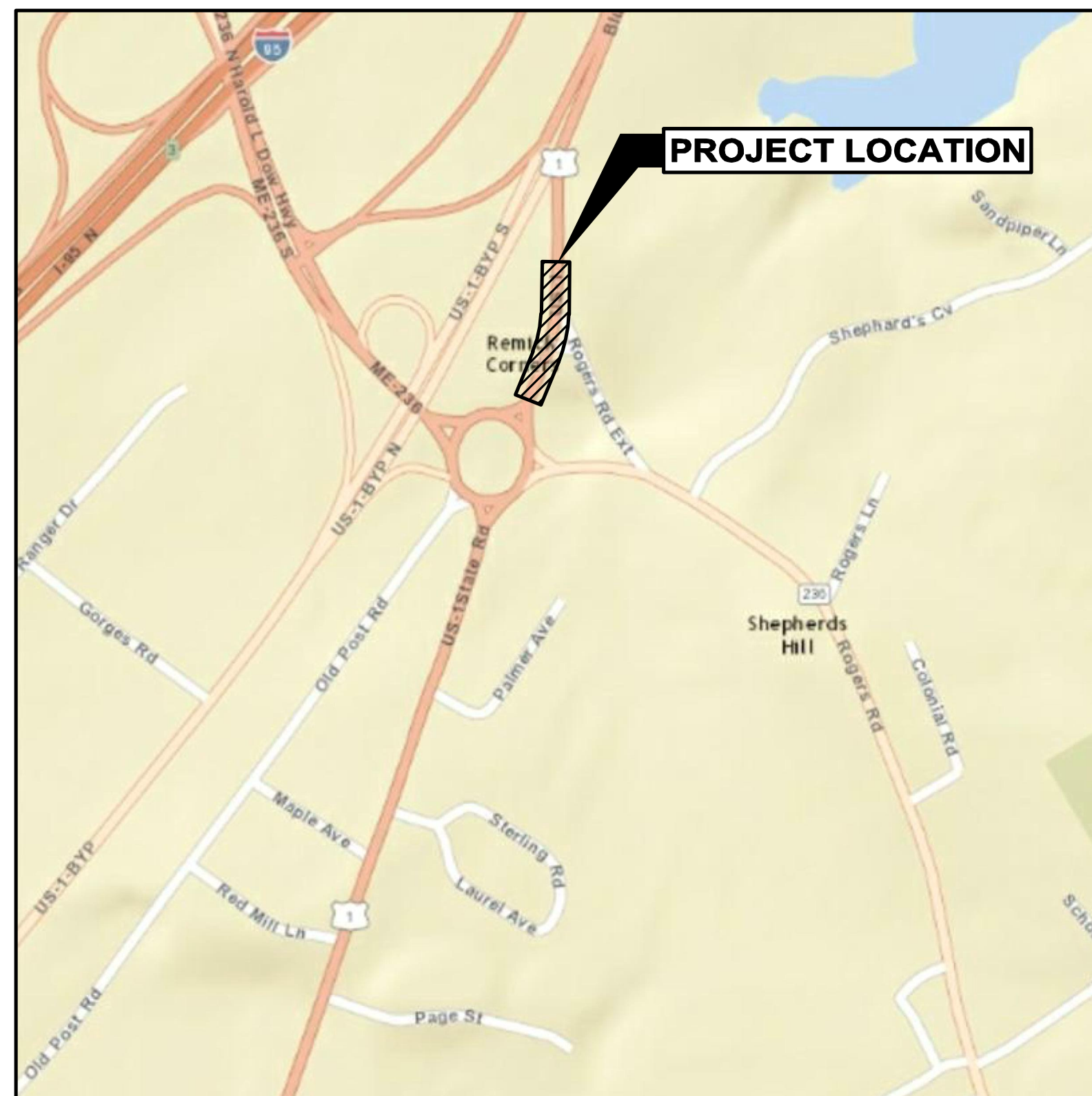
YORK COUNTY

ROUTE 1

SHARED USE PATH

FEDERAL PROJECT NO. STP-1818 (400) X

PROJECT LENGTH : 0.33 MILES



LOCATION PLAN
NTS



WRIGHT-PIERCE
Engineering a Better Environment

Offices Throughout New England

888.621.8156 | www.wright-pierce.com

DRAWING INDEX

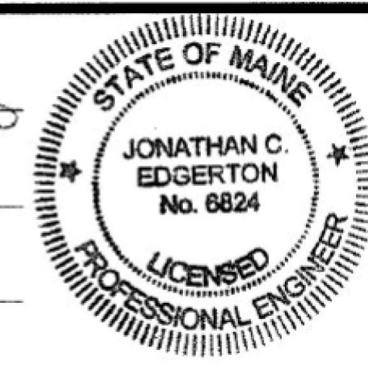
GENERAL

CIVIL

- C-1 SITE KEY PLAN, LEGEND AND ABBREVIATIONS - BID ALTERNATE 1 & 2
- C-2 GENERAL NOTES - BID ALTERNATE 1 & 2
- C-3 PROJECT LAYOUT PLAN - BID ALTERNATE 1 & 2
- C-4 TYPICAL CROSS SECTIONS - BID ALTERNATE 1
- C-5 TYPICAL CROSS SECTIONS - BID ALTERNATE 2
- C-6 EXISTING CONDITIONS/DEMOLITION PLAN - BID ALTERNATE 1
- C-7 EXISTING CONDITIONS/DEMOLITION PLAN - BID ALTERNATE 2
- C-8 LAYOUT, STRIPING, CURBING AND SIGNAGE PLAN - BID ALTERNATE 1
- C-9 LAYOUT, STRIPING, CURBING AND SIGNAGE PLAN - BID ALTERNATE 2
- C-10 GRADING AND DRAINAGE PLAN - BID ALTERNATE 1
- C-11 GRADING AND DRAINAGE PLAN - BID ALTERNATE 2
- C-12 ADAMS DRIVE - EXISTING CONDITIONS/DEMOLITION PLAN & STRIPING, CURBING AND SIGNAGE PLAN & GRADING AND DRAINAGE PLAN - BID ALTERNATE 2
- C-13 CROSS SECTIONS: STA 107+00 TO STA 109+50 - BID ALTERNATE 1
- C-14 CROSS SECTIONS: STA 110+00 TO STA 112+50 - BID ALTERNATE 1
- C-15 CROSS SECTIONS: STA 113+00 TO STA 115+75 - BID ALTERNATE 1
- C-16 CROSS SECTIONS: STA 120+00 TO STA 126+00 - BID ALTERNATE 2
- C-17 CROSS SECTIONS: STA 126+00 TO STA 127+00 - BID ALTERNATE 2
- C-18 DETAILS I - BID ALTERNATE 1 & 2
- C-19 DETAILS II - BID ALTERNATE 1 & 2
- C-20 DETAILS III - BID ALTERNATE 1 &

COVER SHEET

SIGNATURE
16824
P.E. NUMBER
MAR 30, 2017
DATE



NOTE:
ALL WORK COMPLETED UNDER THIS CONTRACT SHALL BE GOVERNED BY AND IN CONFORMITY WITH THE MaineDOT STANDARD SPECIFICATIONS (LATEST REVISION), THE STANDARD DETAILS (LATEST REVISION), THE SUPPLEMENTAL STANDARD DETAILS FOR CONSTRUCTION THERETO, EXCEPT AS MODIFIED BY THE PLANS, OR SPECIFICATION SPECIAL PROVISIONS.

<u>PROJECT LOCATION:</u>	ALONG STATE ROAD BETWEEN MEMORIAL CIRCLE AND ROUTE 1
<u>PROGRAM AREA:</u>	MULTIMODIAL
<u>SCOPE OF WORK:</u>	BICYCLE-PEDESTRIAN MULTI-USE PATH

MAINEDOT WIN 018184.00 FEDERAL PROJECT NO. STP-1818 (400) X

GENERAL NOTES

- 1. THE CONTRACTOR IS REFERRED TO THE SPECIFICATIONS REGARDING COORDINATION WITH OTHERS, INCLUDING RESPONSIBILITIES AND RELATED COSTS. THE CONTRACTOR SHALL COORDINATE ALL UTILITY ADJUSTMENTS AS NECESSARY WITH EACH RESPECTIVE UTILITY.
2. BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE PRIOR TO COMMENCING WORK. REFER TO THE SPECIFICATIONS. NO GUARANTEE IS MADE THAT UTILITIES OR STRUCTURES WILL BE ENCOUNTERED WHERE SHOWN OR THAT ALL UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN. ALL LOCATIONS AND SIZES OF EXISTING UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD WITH TEST PITS AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION OF NEW FACILITIES OR PIPING THAT MAY BE AFFECTED. ADDITIONAL TEST PITS, BEYOND THOSE SHOWN, MAY BE REQUIRED. THE CONTRACTOR WILL REALIGN NEW PIPE LOCATIONS AS REQUIRED TO CONFORM TO EXISTING LINES AND AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY DIG SAFE PRIOR TO DIGGING.
UTILITY CONTACTS ARE AS FOLLOWS:
CENTRAL MAINE POWER COMPANY: KITTERY WASTEWATER DEPARTMENT: COMCAST: DIGSAFE:
ATTN: WAYNE BROWN ATTN: GEORGE KATHIOS ATTN: MIKE COLLINS 1-888-DIG-SAFE
TEL. (207) 242-0673 TEL. (207) 439-4646 TEL. (603) 679-5695 EXT.1037
FAIRPOINT COMMUNICATIONS: KITTERY WATER DISTRICT: TOWN OF KITTERY: UNTIL:
ATTN: DAVID KESTNER ATTN: MIKE ROGERS DEPARTMENT OF PUBLIC WORKS JOE RENDA
TEL. (603) 703-9311 TEL. (207) 451-8316 ATTN: DAVE RICH TEL. (207)541-2568
3. MAINE DEPARTMENT OF TRANSPORTATION (MaineDOT) PROJECT IDENTIFICATION NUMBER: WIN # 18184.00.
4. THE CONTRACTOR SHALL USE DETAILS AS SHOWN ON PLANS FOLLOWED BY MaineDOT STANDARD DETAILS AS APPLICABLE. ALL STANDARD DETAILS ARE IN THE "STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD DETAILS" LATEST REVISION.
5. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
6. THE CONTRACTOR SHALL TAKE PRE-CONSTRUCTION PHOTOGRAPHS AND PROVIDE COPIES TO THE OWNER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAKE SURE TO INCLUDE ALL PRIVATE PROPERTY THAT MAY BE IMPACTED BY THE PROJECT.
7. THE CONTRACTOR SHALL FURNISH AND MAINTAIN A TELEPHONE NUMBER WHERE HE CAN BE REACHED 24 HOURS A DAY, 7 DAYS A WEEK, UNTIL THE PROJECT IS COMPLETE.
8. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW AT ALL TIMES. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER PER MaineDOT SPECIFICATION 652.3.3. THE LOCAL POLICE DEPARTMENT AND FIRE DEPARTMENT ARE TO BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY STREET CLOSING OR DETOUR.
9. THE CONTRACTOR SHALL RESET OR REPLACE EXISTING STREET & TRAFFIC SIGNS DISTURBED BY THE CONTRACTOR'S OPERATIONS IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE RESIDENT. REGULATORY SIGNS SHALL BE TEMPORARILY MOUNTED CLOSELY TO THEIR ORIGINAL LOCATION UNTIL SUCH TIME AS THEY CAN BE PERMANENTLY REMOUNTED.
10. THE CONTRACTOR SHALL REVIEW AND COORDINATE THE LOCATION AND LIMITS OF ALL ON-SITE WORK AND STORAGE AREAS WITH THE RESIDENT, AND THESE AREAS SHALL BE FOUND ACCEPTABLE BY THE RESIDENT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL LIMIT HIS ACTIVITIES TO THESE AREAS.
11. TEST PITS ARE REQUIRED WHERE SHOWN ON THE PLANS AND AS DIRECTED BY THE RESIDENT. ALL TEST PITS SHALL BE EXCAVATED PRIOR TO CONSTRUCTION LAYOUT, AND PRIOR TO INSTALLING STORM DRAIN AND CULVERTS. THE CONTRACTOR IS RESPONSIBLE FOR RECORDING INFORMATION OBTAINED FROM TEST PITS AND RELAYING THAT INFORMATION TO THE RESIDENT. ADJUSTMENTS TO INVERTS, LENGTHS, ALIGNMENTS, AND SLOPES OF PROPOSED STORM DRAIN MAY BE REQUIRED AS DIRECTED BY THE RESIDENT. TEST PITS ARE NOT TO BE BACKFILLED WITHOUT THE RESIDENT'S PERMISSION.
12. THE CONTRACTOR SHALL NOT HAVE ANY RIGHT OF PROPERTY IN ANY MATERIALS TAKEN FROM ANY EXCAVATION. SUITABLE EXCAVATED MATERIAL MAY BE INCORPORATED INTO THE PROJECT. THE CONTRACTOR SHALL REMOVE AND RETURN TO THE TOWN USABLE EXCESS EXCAVATED MATERIAL THAT IS NOT REUSED WITHIN THE PROJECT AND SHALL COORDINATE THE LOCATION FOR EXCESS MATERIAL WITH THE OWNER. THESE PROVISIONS SHALL IN NO WAY RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO PROPERLY DISPOSE OF AND REPLACE ANY MATERIAL DETERMINED BY THE OWNER TO BE UNSUITABLE FOR BACK FILLING. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE AND EXCESS MATERIAL IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CONTRACT DOCUMENTS. USE OF EXCAVATED MATERIAL IS PAID FOR ONLY AS COMMON BORROW. PLACEMENT OF SAID MATERIAL IS CONSIDERED PART OF THAT ITEM ALSO.
13. IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO CENTRAL MAINE POWER COMPANY OR FAIRPOINT COMMUNICATIONS, RESPECTIVELY.
14. ALL STRUCTURES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. INJURY TO ANY SUCH STRUCTURES CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.
15. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY PRESSURE REDUCING VALVE STRUCTURES WITH THE KITTERY WATER DISTRICT AND USE CAUTION IN WORKING IN THOSE AREAS.
16. ALL EXISTING SEWER, STORM DRAIN AND WATER LINES WHICH ARE NOT BEING REPLACED UNDER THESE CONTRACT DRAWINGS ARE TO REMAIN IN SERVICE UNLESS OTHERWISE INDICATED. INJURY TO ANY EXISTING SEWERS, STORM DRAIN LINES, WATER LINES, OR CULVERTS CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.
17. THE CONTRACTOR IS TO STAKE OUT SIDEWALKS AND TO CONTACT THE KITTERY WATER DISTRICT TO ALLOW FOR THE UTILITY TO RELOCATE THEIR AFFECTED CURB STOPS AND WATER SERVICES PRIOR TO FINISH PAVING.
18. ALL EXISTING WATER SYSTEM GATE VALVES SHALL BE OPERATED BY THE KITTERY WATER DISTRICT. THE CONTRACTOR SHALL COORDINATE WITH THE KITTERY WATER DISTRICT FOR ANY WORK REQUIRING SHUTDOWN OF THE WATER MAIN.
19. THE KITTERY WATER DISTRICT WILL BOTH REPAIR ALL VALVE BOXES THAT ARE IN NEED OF REPLACEMENT AND ALSO RAISE THESE TO GRADE PRIOR TO HOT TOP/CONCRETE INSTALLATION, AND WILL MAKE ALL ADJUSTMENTS TO THE WATER SYSTEM. IF THE WATER DISTRICT DETERMINES THE CONTRACTOR SHALL INSTALL NEW VALVE BOXES AND COVERS, THE WATER DISTRICT WILL PROVIDE THE NEW VALVE BOXES AND COVERS, AND WILL PAY FOR THEIR INSTALLATION OUTSIDE OF THIS CONTRACT. THE CONTRACTOR IS TO COORDINATE DIRECTLY WITH THE KITTERY WATER DISTRICT ON PAYMENT TIMING, AND REQUIREMENTS FOR THIS WORK.
20. THE CONTRACTOR SHALL INSULATE WITH 2" RIGID BOARD INSULATION OVER ANY GRAVITY SEWER, WATER MAINS, OR WATER SERVICE LINES WHEN COVER IS LESS THAN 5 FT, OR THERE IS LESS THAN 2 FT BETWEEN THE SEWER OR WATER MAIN AND A CULVERT.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION. ALL DISTURBED EARTH SURFACES ARE TO BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL IS TO BE IN A MANNER THAT WILL MINIMIZE EROSION.
22. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE EXCAVATED MATERIAL AT A SITE PROVIDED BY HIM WHICH IS IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS. MATERIALS AND METHODS USED FOR TEMPORARY EROSION CONTROL SHALL BE AS SPECIFIED BY MaineDOT.
23. ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY HAY BALE FILTERS (OR SIMILAR DEVICES) TO PREVENT ENTRY OF SEDIMENT FROM RUNOFF WATERS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL COLLECTED SEDIMENT, AND THAT WHICH COLLECTS IN THE STORM DRAIN SYSTEM UNTIL THE PROJECT IS SUBSTANTIALLY COMPLETE AND READY FOR FINAL PAYMENT.
24. THE CONTRACTOR SHALL CONTROL DUST TO A TOLERABLE LIMIT AS DETERMINED BY THE RESIDENT ENGINEER OR TOWN. THE CONTRACTOR SHALL NOT TRACK OR SPILL EARTH OR DEBRIS ON PUBLIC STREETS OUTSIDE THE PROJECT AREA. STREETS OPENED TO THE PUBLIC SHALL BE KEPT SWEEP AND FREE OF DEBRIS DAILY.
25. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO PREVENT LOSS OF BASE MATERIALS FOR SIDEWALK CONSTRUCTION THROUGH ADJACENT GRANITE CURBING BY INSTALLING FILTER FABRIC BEHIND ALL GRANITE CURB JOINTS AS SPECIFIED AND AS INDICATED ON THE PLANS. FILTER FABRIC SHALL BE INCIDENTAL TO ITEM 609.11.
26. THE CONTRACTOR SHALL CONSTRUCT TRANSITION RAMPS AT ENDS OF ALL SIDEWALKS, DRIVEWAYS, AND ROADWAYS. DETECTABLE WARNING DEVICES SHALL BE INSTALLED ON ALL SIDEWALK TRANSITION RAMPS AT ROADWAY INTERSECTIONS AND AS OTHERWISE SHOWN ON THE PLANS. SIDEWALKS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

- 27. ANY PAVEMENT TO BE REMOVED SHALL BE SAWCUT PRIOR TO REMOVAL. PAVEMENT IS TO BE SAW CUT AT ALL SIDE ROADS, SIDEWALKS, PARKING AREAS, PAVED DRIVES, AND FOR INSTALLATION OF NEW CURBING. SHIP LAP JOINTS SHALL BE USED IN ROADWAYS AND SHOULDERS. SAW CUTTING WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO RELATED CONTRACT ITEMS.
28. STONE, CONCRETE STRUCTURES, AND PAVEMENT AREAS TO BE CUT, GROUND AND OVERLAID SHALL RECEIVE A TACK COAT PRIOR TO NEW PAVEMENT PLACEMENT. RATE OF TACK COAT APPLICATION SHALL BE NOT LESS THAN 0.15 GAL/SY WITHOUT BEING RUNNY.
29. THE CONTRACTOR SHALL COORDINATE PAVING WITH THE RESIDENT. ALL CATCH BASINS, SEWER MANHOLES, AND OTHER BURIED FACILITIES WITH SURFACE ACCESS SHALL BE ADJUSTED TO MATCH FINAL GRADES BY TOWN CREWS PRIOR TO PLACEMENT OF SURFACE PAVEMENT, UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL PAVE AROUND THE ADJUSTED FACILITIES.
30. OPEN TRENCHES IN THE ROADWAY MUST BE BACKFILLED AT THE END OF THE WORKDAY, UNLESS PERMISSION IS GIVEN IN WRITING BY THE OWNER AND MAINEDOT.
31. THE CONTRACTOR SHALL PRODUCE AND FURNISH PROJECT RECORDS AS REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING, BUT NOT LIMITED TO CONSTRUCTION SCHEDULES, BONDS, SHOP DRAWINGS, WARRANTIES, GUARANTEES, CERTIFICATIONS, "AS-BUILT" DRAWINGS AND OTHER SUBMITTALS.
32. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE TO KITTERY PUBLIC WORKS, WATER DISTRICT, AND SEWER DEPARTMENT AT LEAST THREE DAYS PRIOR TO COMMENCING WORK, THROUGHOUT THE DURATION OF THE CONTRACT.
33. NEW DRAINAGE STRUCTURES AND EXISTING DRAINAGE STRUCTURES TO BE ALTERED OR REBUILT ARE TO BE CLEANED BY THE CONTRACTOR AND THE MATERIAL TO BE DISPOSED OF PER TOWN ORDINANCE. THERE WILL BE NO PAYMENT FOR CLEANING NEW, ALTERED, ADJUSTED, OR REBUILT CATCH BASINS.
34. THE CONTRACTOR IS TO STAKE OUT SIDEWALK AND CURB LOCATIONS AND FINISH GRADES AND TO CONTACT CMP AND FAIRPOINT TO ALLOW FOR THE UTILITY TO RELOCATE THEIR AFFECTED UTILITY POLES AND GUY POLES PRIOR TO COMMENCING THE WORK.
35. THE CONTRACTOR SHALL PROVIDE UNTIL NOTICE 48 HOURS IN ADVANCE OF ANY WORK OCCURRING WITHIN 5'-0" OF ANY EXISTING GAS LINES AND UNTIL WILL DETERMINE WHETHER TO SEND SOMEONE TO THE SITE TO MONITOR THE WORK BEING PERFORMED. THE EXISTING MAIN GAS LINE IS COATED STEEL, 500 LB. LINE. IT IS IMPORTANT TO PRESERVE THE COATING ON THE MAIN LINE AND ALL SERVICE LINES.
36. THE TOWN SHALL BE RESPONSIBLE FOR OBTAINING THE PERMITS REQUIRED BY THE STATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF THE PERMITS AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION. COPIES OF ALL OBTAINED PERMITS ARE AVAILABLE FOR REVIEW AT THE TOWN OFFICE. ALL OTHER PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
37. FLOWS FROM DEWATERING EFFORTS SHALL NOT BE DISCHARGED TO SANITARY OR COMBINED SEWERS.
38. THE CONTRACTOR SHALL RESTORE ALL PRIVATE PROPERTY DISTURBED DURING CONSTRUCTION TO PRE-CONSTRUCTION CONDITION OR BETTER. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MINIMIZE DISTURBANCE TO PRIVATE PROPERTY. ALL REPAIRS TO PRIVATE PROPERTY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED AT NO ADDITIONAL EXPENSE TO THE OWNER.
39. FENCES AND WALLS OUTSIDE THE RIGHT-OF-WAY THAT ARE REMOVED FOR THE CONTRACTOR'S ACCESS ARE TO BE REINSTALLED. THIS IS AN INCIDENTAL WORK ITEM AND SHALL BE AT NO ADDITIONAL EXPENSE TO THE OWNER.
40. ALL AREAS THAT ARE EXCAVATED, FILLED, OR OTHERWISE DISTURBED BY THE CONTRACTOR WHICH ARE NOT TO BE PAVED SHALL BE LOAMED, GRADED, LIMED, FERTILIZED, SEEDED, AND MULCHED, UNLESS OTHERWISE NOTED. THE TOP 4 INCHES OF SOIL SHALL BE LOAM. THE CONTRACTOR SHALL WATER THE SEEDED AREA TO AID IN THE ESTABLISHMENT OF THE NEW SEED.
41. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS, WHICH ARE NOT INDICATED ON THE DRAWINGS AS PART OF THE PROJECT WORK TO BE PAVED, TO PRE-CONSTRUCTION CONDITION OR BETTER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
42. THE CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE TREES WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED. PROTECTION OF EXISTING TREES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND THERE SHALL BE NO SEPARATE PAYMENT FOR PROTECTING EXISTING TREES. TREES TO BE REMOVED ARE TO HAVE THE STUMPS REMOVED AND THE RESULTING PIT SHALL BE LOAMED AND SEEDDED.
43. THE CONTRACTOR SHALL MINIMIZE CLEARING OPERATIONS. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS. CLEARING LIMITS SHALL BE AS INDICATED ON THE DRAWINGS, BUT AT ALL TIMES WITHIN EXISTING ROAD RIGHTS-OF-WAY AND PROPERTY LINES ON STATE OR TOWN-OWNED PROPERTY OR EASEMENTS. ALL GRUBBING AND STUMPS ARE THE PROPERTY OF THE CONTRACTOR AND WILL BE DISPOSED OF AT A SITE PROVIDED BY CONTRACTOR IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REQUIREMENTS.
44. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED LINES AND STRUCTURES AS SHOWN ON THE DRAWINGS. THE LAYOUT PLAN SHALL BE REVIEWED BY THE RESIDENT PRIOR TO CONSTRUCTION. THE HORIZONTAL ALIGNMENT OF NEW STORM DRAINS MAY BE ADJUSTED IN THE FIELD SUBJECT TO PRIOR APPROVAL OF THE RESIDENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL ELEVATION REFERENCE INFORMATION PRIOR TO USE IN CONSTRUCTION.

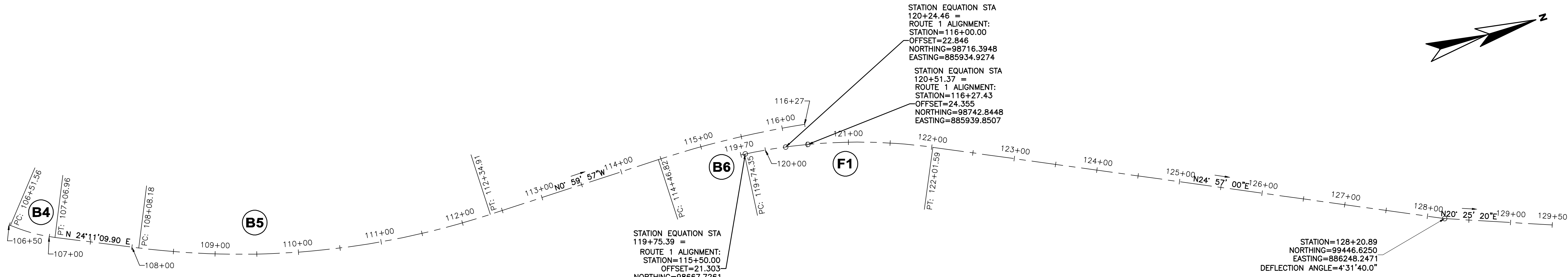
GRADING & DRAINAGE NOTES

- 1. ALL PROPOSED ROAD, DRIVE, PARKING AND SIDEWALK AREA SURFACES SHALL PITCH 1/4 INCH PER FOOT MINIMUM UNLESS OTHERWISE NOTED. ALL RECONSTRUCTED ROAD, DRIVE, PARKING AND SIDEWALK AREAS SHALL MATCH EXISTING SLOPE CONDITIONS TO THE EXTENT POSSIBLE, UNLESS OTHERWISE NOTED. COORDINATE FINAL GRADING WITH THE RESIDENT.
2. ONE CATCH BASINS IS A 4 FT DIAMETER, FLAT SLAB TOP, AND THE OTHER IS AN OFFSET CONE BASIN. THE INVERTS SHOWN ARE AT THE INSIDE FACE OF THE STRUCTURE. THE TOP OF THE CATCH BASIN INLET GRATES AND FRAMES SHALL BE SET FLUSH WITH FINISH GRADE.
3. CATCH BASINS SHALL HAVE A CASCADE GRATE AND FRAME UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF SEDIMENTARY FLOWS RESULTING FROM PRECIPITATION AND HIS CONSTRUCTION OPERATIONS UNTIL THE PROJECT IS SUBSTANTIALLY COMPLETE AND TEMPORARY EROSION CONTROL MEASURES ARE NO LONGER REQUIRED.
5. STORM DRAIN PIPE AND BASIN STRUCTURES SHALL NOT BE INSTALLED CLOSER THAN 3 FEET HORIZONTALLY (CENTER TO CENTER) TO SEWER OR WATER MAINS, REGARDLESS OF DEPTH, UNLESS APPROVED BY THE RESIDENT.
6. INSTALL A "LIP" AT EACH DRIVEWAY THAT SLOPES AWAY FROM THE EDGE OF PAVEMENT TO PREVENT ROAD RUNOFF FROM ENTERING DRIVEWAYS.
7. THE CONTRACTOR SHALL REGRADE ALL DISTURBED AREAS THAT ARE NOT TO BE PAVED AS NECESSARY FOR POSITIVE DRAINAGE.
8. WHERE APPROPRIATE, MINOR ADJUSTMENTS TO THE ALIGNMENT OF PROPOSED UTILITIES SHALL BE MADE TO ACCOMMODATE EXISTING UTILITIES. COORDINATE ADJUSTMENTS WITH THE RESPECTIVE UTILITIES.

SURVEY & LAYOUT NOTES

- 1. DO NOT SCALE DRAWINGS UNLESS OTHERWISE NOTED. WRITTEN DIMENSIONS AND STATIONING SHALL PREVAIL.
2. RIGHT-OF-WAY INFORMATION IS BASED ON MAPPED RIGHT-OF-WAY PROVIDED BY MaineDOT ON OCTOBER 3, 2013. HORIZONTAL COORDINATE SYSTEM: ME2000 WEST ZONE.
3. SURVEY OF EXISTING SITE FEATURES WAS ORIGINALLY COMPLETED BY TITCOMB ASSOCIATES ON NOVEMBER 16, 2012. BEARINGS WERE REFERENCED TO GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, NAD83 (2011), WEST ZONE BASED ON RTK GPS OBSERVATIONS. ELEVATIONS WERE REFERENCED TO NAVD88 BASED ON RTK GPS OBSERVATIONS. OBSERVATIONS WERE ADJUSTED USING THE OPUS INTERNET SOLUTION PROVIDED BY NGS.
4. SURVEY OF EXISTING SITE FEATURES WAS SUPPLEMENTED BY WRIGHT-PIERCE ON APRIL 8, 2013 AND AGAIN IN 2015. HORIZONTAL COORDINATE SYSTEM: NAD83 MAINE STATE PLANE, WEST ZONE U.S. FOOT. VERTICAL DATUM: NAVD88. THE VERTICAL DATUM AND HORIZONTAL COORDINATE SYSTEM WERE ESTABLISHED USING THE MTS RTK ROVER NETWORK.
5. WRIGHT-PIERCE COMBINED THE RIGHT-OF-WAY, TOPOGRAPHIC AND UTILITY SURVEYS TO CREATE THE BASE MAPPING FOR THIS PROJECT. HORIZONTAL COORDINATE SYSTEM: ME2000 WEST ZONE. VERTICAL DATUM: NAVD88.
6. THE UTILITY STRUCTURES AND INVERTS SHOWN WERE DETERMINED BY THE FIELD SURVEY. HOWEVER THE LOCATIONS OF ALL UNDERGROUND UTILITIES WERE NOT ESTABLISHED. TEST PIT LOCATIONS ARE RECOMMENDED TO DETERMINE UNDERGROUND UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
7. TEMPORARY BENCHMARKS ARE SHOWN ON THE PLANS AND THE ENGINEER WILL PROVIDE A PROJECT BENCH MARK AND TRAVERSE POINTS.
8. LAYOUT OF ALL CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROVIDED LAYOUT INFORMATION AND PROJECT BENCHMARKS THROUGHOUT THE COURSE OF CONSTRUCTION. REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
9. MaineDOT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHTS OF WAY AND EASEMENTS. THE CONTRACTOR SHALL VERIFY THAT THE NECESSARY EASEMENTS HAVE BEEN SECURED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH EASEMENT AS THEY APPLY TO THE WORK AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION. COPIES OF ALL RIGHTS-OF-WAY AND EASEMENTS WILL BE AVAILABLE FOR REVIEW AT THE TOWN HALL PRIOR TO NOTICE TO PROCEED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING AND RESETTling ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY HIS OPERATIONS AT NO EXPENSE TO THE OWNER. THIS WORK IS TO BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF MAINE.
11. LIMITS OF WORK IN EXISTING DRIVES ARE APPROXIMATE AS SHOWN ON THE PLANS. ACTUAL LIMITS OF WORK ARE TO BE DETERMINED BY THE CONTRACTOR THE TOWN BASED ON THESE DRAWINGS AND SLOPE AS APPROVED BY THE ENGINEER.
12. CURB CUT LOCATIONS FOR DRIVEWAYS SHALL BE FIELD VERIFIED WITH OWNER. ADJUST CURB CUTS AS DIRECTED BY OWNER.

Vertical sidebar containing project metadata, logos for Wright-Pierce and Town of Kittery, and drawing title information including 'DRAWING C-2'.



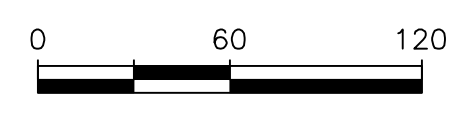
NOTE:
 ROUTE 1 ALIGNMENT IS TAKEN FROM GORRILL PALMER PLAN DATED SEPTEMBER 24, 2015. SEE NOTES FOR SIDEWALK ALIGNMENT FROM GORRILL PALMER'S BASELINE. WRIGHT-PIERCE DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY AND CORRECTNESS OF THE ROUTE 1 ALIGNMENT.

CURVE DATA B4
 PI = 106+79.44
 D = 28° 38' 52.4"
 Δ = 15° 52' 20.9" Lt.
 R = 200.00'
 L = 55.41'
 T = 27.88'
 E = 1.93'

CURVE DATA B5
 PI = 110+25.05
 D = 5° 54' 06.9"
 Δ = 25° 11' 06.6" Lt.
 R = 970.80'
 L = 426.73'
 T = 216.87'
 E = 23.93'

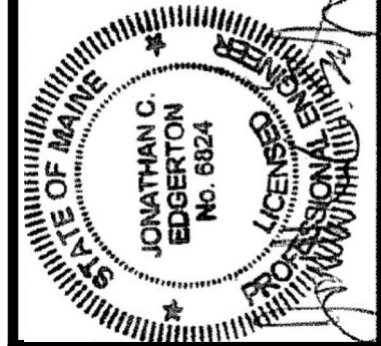
CURVE DATA B6
 PI = 119+75.39
 D = 4° 59' 27.3"
 Δ = 9° 00' 50.9" Rt.
 R = 1148.00'
 L = 180.61'
 T = 90.49'
 E = 3.56'

CURVE DATA F1
 PI = 120+89.14
 D = 8° 48' 04.0"
 Δ = 20° 00' 00.0" Rt.
 R = 651'
 L = 227.242'
 T = 114.789'
 E = 10.04'



NO.	ISSUED FOR BIDDING	DATE
1	ISSUED FOR BIDDING	3/17
2	DRAFT PS&E SUBMISSION	9/16

DESIGNED BY: MAG
 CAD COORD: MRL
 CHECKED BY: MAG
 DATE: 3-30-17
 APPROVED BY: JCE
 DATE: 3-30-17
 PROJECT NO: 12533A



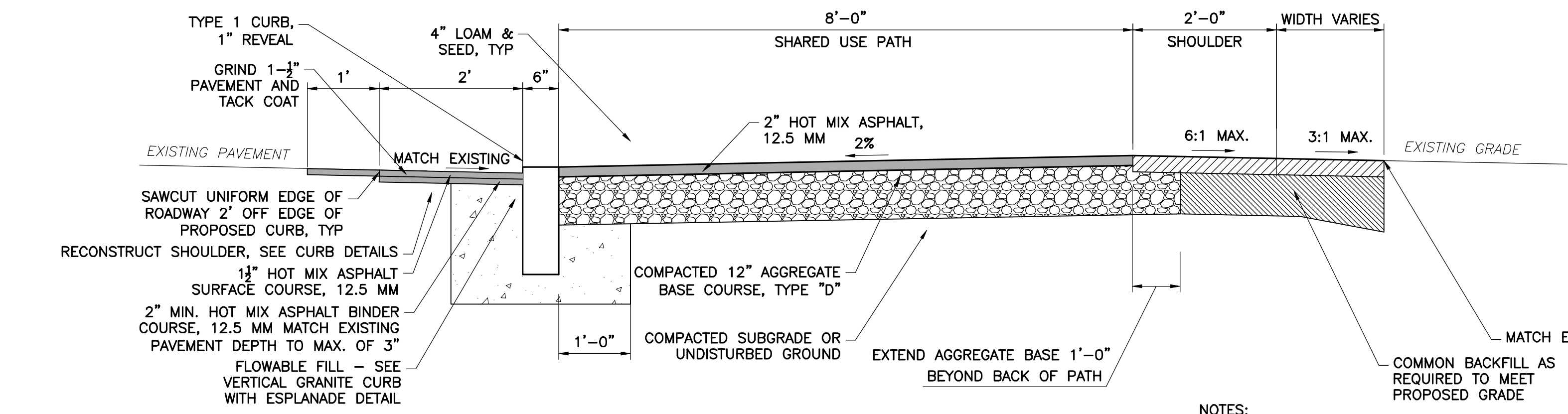
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TOWN OF KITTERY
 ROUTE 1 SHARED USE PATH
 KITTERY, ME
 PROJECT LAYOUT PLAN
 - BID ALTERNATE 1 & 2

DRAWING
 C-3

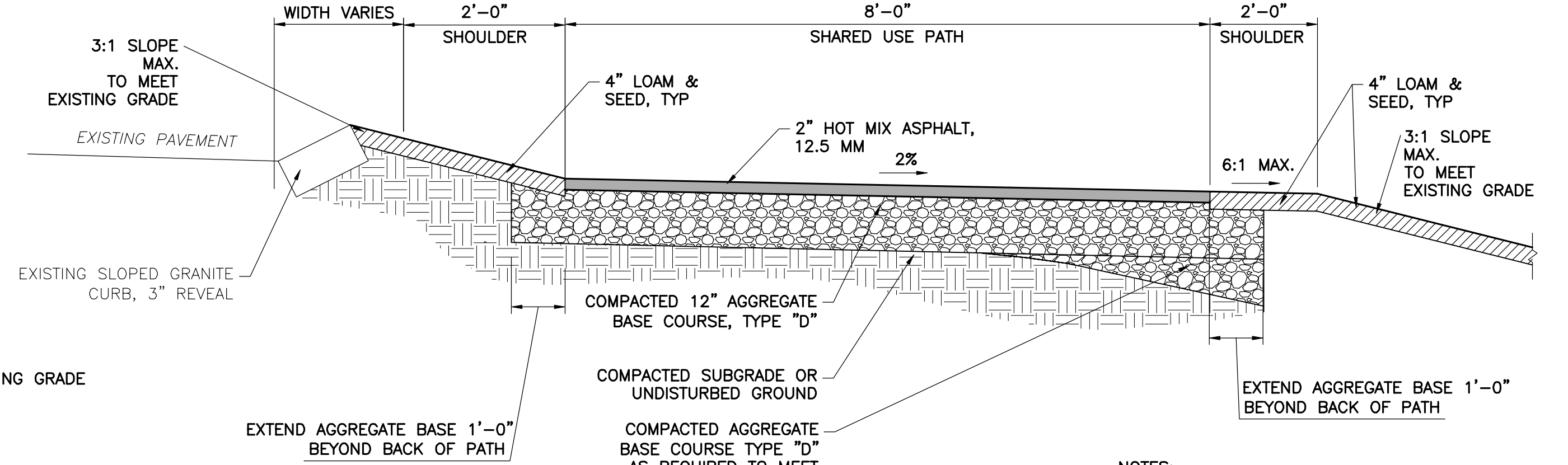
LAST SAVED BY: MATT.LAPIERRE 3/22/2017 9:04 AM

G:\DWG\ME\KITTELY\125333-ROUTE1\BYPASS\SHARED\USE\PATH\125333A-FD\CIV\125333AC05.DWG | 125333AC05 | 1:4.56 | 3/30/2017 11:15:41 AM | MATT.LAPIERRE



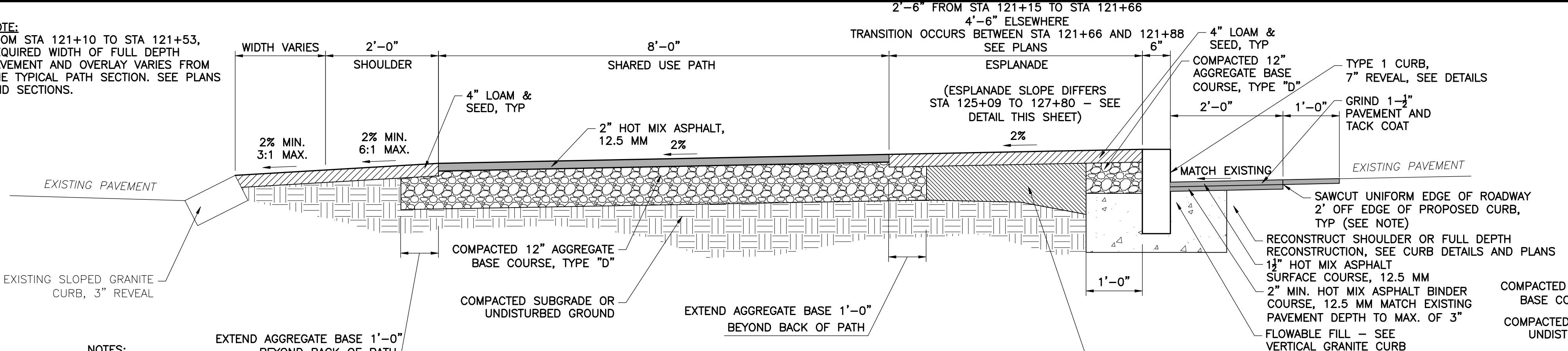
TYPICAL PATH SECTION STA 120+28 TO STA 120+57
NTS

NOTES:
1. SAWCUT OF PAVEMENT SHALL EXTEND MINIMUM OF 2'-0" OFF EDGE OF PROPOSED CURB - MAINTAIN UNIFORM CUT THROUGHOUT PROJECT AREA.



TYPICAL PATH SECTION STA 128+18 TO END
NTS

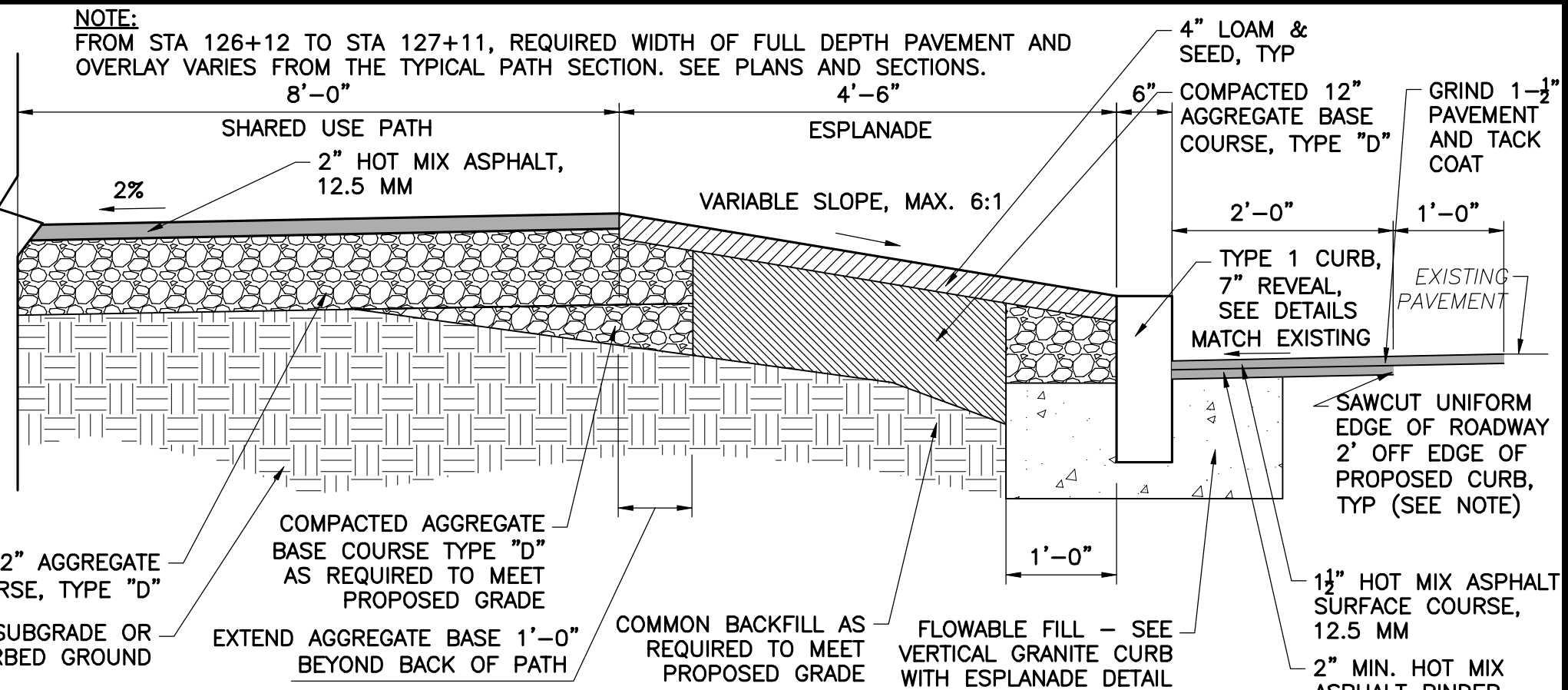
NOTES:
1. SAWCUT OF PAVEMENT SHALL EXTEND MINIMUM OF 2'-0" OFF EDGE OF PROPOSED CURB - MAINTAIN UNIFORM CUT THROUGHOUT PROJECT AREA.



TYPICAL PATH SECTION STA 121+15 TO STA 124+29 AND STA 126+13 TO STA 127+55
NTS

NOTE:
FROM STA 121+10 TO STA 121+53, REQUIRED WIDTH OF FULL DEPTH PAVEMENT AND OVERLAY VARIES FROM THE TYPICAL PATH SECTION. SEE PLANS AND SECTIONS.

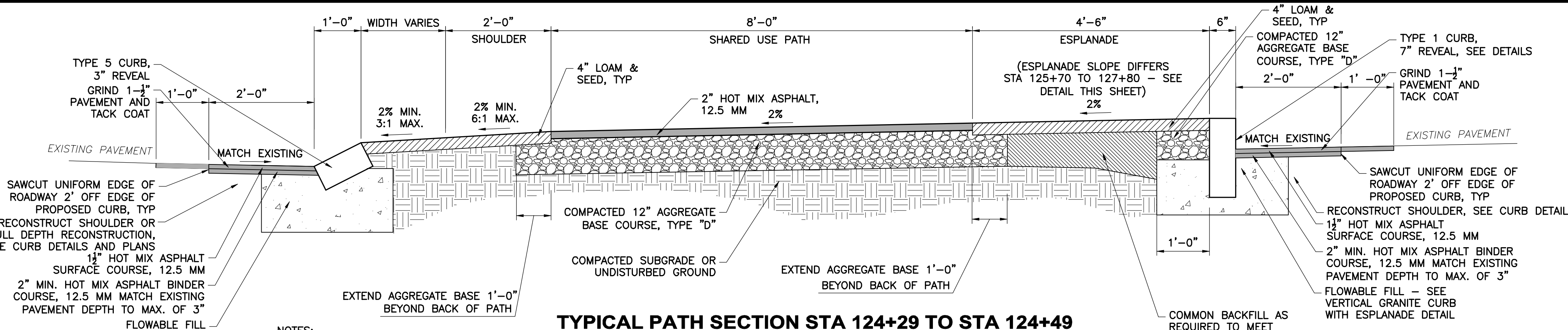
NOTE:
1. SAWCUT OF PAVEMENT SHALL EXTEND MINIMUM OF 2'-0" OFF EDGE OF PROPOSED CURB - MAINTAIN UNIFORM CUT THROUGHOUT PROJECT AREA.



TYPICAL PATH SECTION - ESPLANADE SLOPE STA 125+70 TO STA 127+80
NTS

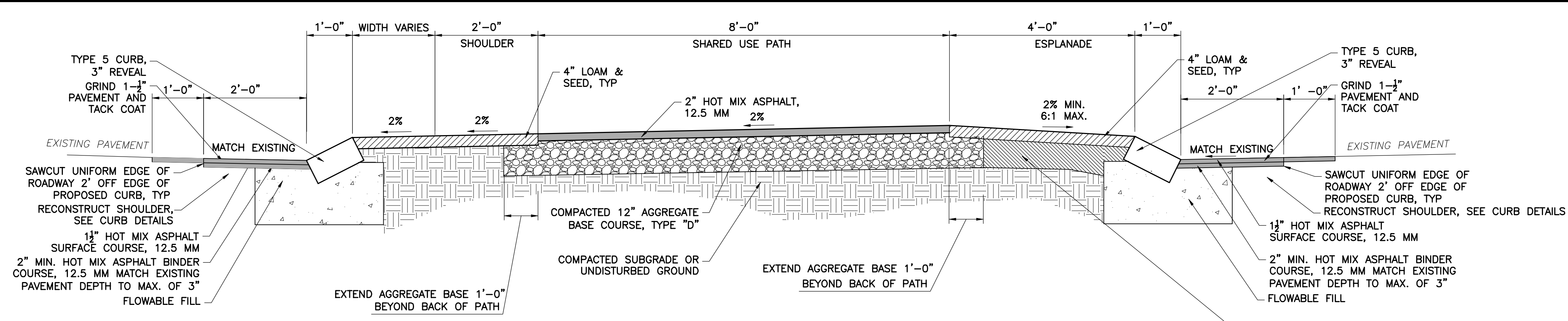
NOTE:
FROM STA 126+12 TO STA 127+11, REQUIRED WIDTH OF FULL DEPTH PAVEMENT AND OVERLAY VARIES FROM THE TYPICAL PATH SECTION. SEE PLANS AND SECTIONS.

NOTE:
1. SAWCUT OF PAVEMENT SHALL EXTEND MINIMUM OF 2'-0" OFF EDGE OF PROPOSED CURB - MAINTAIN UNIFORM CUT THROUGHOUT PROJECT AREA.



TYPICAL PATH SECTION STA 124+29 TO STA 124+49 AND STA 125+70 TO STA 126+13 AND STA 127+55 TO STA 127+80
NTS

NOTE:
1. SAWCUT OF PAVEMENT SHALL EXTEND MINIMUM OF 2'-0" OFF EDGE OF PROPOSED CURB - MAINTAIN UNIFORM CUT THROUGHOUT PROJECT AREA.



TYPICAL PATH SECTION STA 124+91 TO STA 125+28
NTS

NOTE:
1. SAWCUT OF PAVEMENT SHALL EXTEND MINIMUM OF 2'-0" OFF EDGE OF PROPOSED CURB - MAINTAIN UNIFORM CUT THROUGHOUT PROJECT AREA.

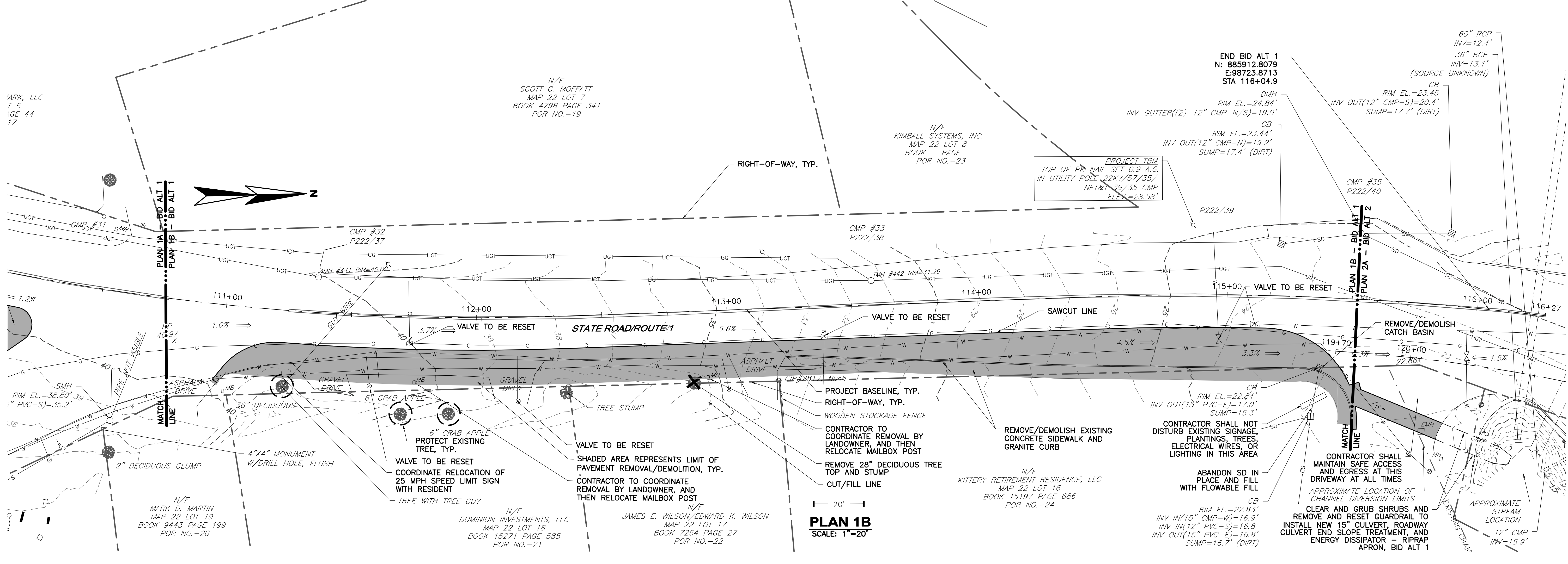
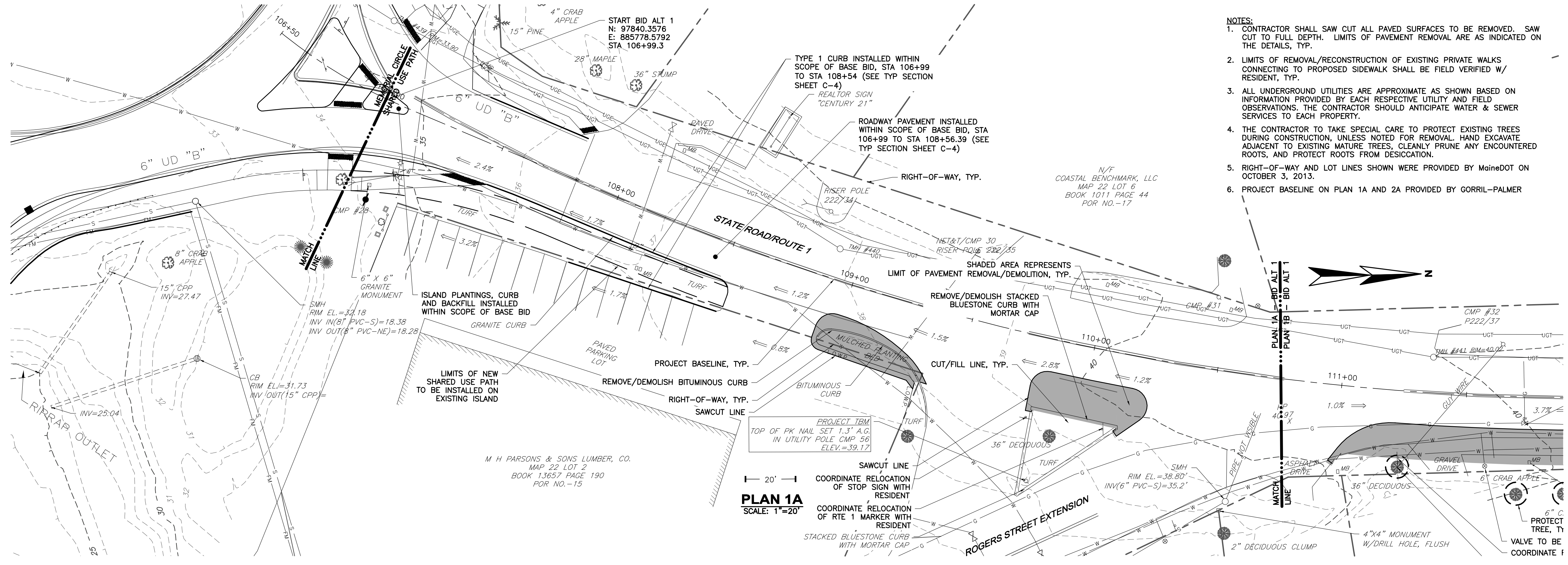
DATE	3/17
ISSUED FOR BIDDING	
DRAFT PS&E SUBMISSION	
DATE	9/16

DESIGNED BY: MAG
CAD: MRL
CHECKED BY: MAG
DATE: 3-30-17
APPROVED BY: JCE
DATE: 3-30-17
PROJECT NO: 125333A

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TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME

TYPICAL CROSS SECTIONS
- BID ALTERNATE 2



- NOTES:**
- CONTRACTOR SHALL SAW CUT ALL PAVED SURFACES TO BE REMOVED. SAW CUT TO FULL DEPTH. LIMITS OF PAVEMENT REMOVAL ARE AS INDICATED ON THE DETAILS, TYP.
 - LIMITS OF REMOVAL/RECONSTRUCTION OF EXISTING PRIVATE WALKS CONNECTING TO PROPOSED SIDEWALK SHALL BE FIELD VERIFIED W/ RESIDENT, TYP.
 - ALL UNDERGROUND UTILITIES ARE APPROXIMATE AS SHOWN BASED ON INFORMATION PROVIDED BY EACH RESPECTIVE UTILITY AND FIELD OBSERVATIONS. THE CONTRACTOR SHOULD ANTICIPATE WATER & SEWER SERVICES TO EACH PROPERTY.
 - THE CONTRACTOR TO TAKE SPECIAL CARE TO PROTECT EXISTING TREES DURING CONSTRUCTION, UNLESS NOTED FOR REMOVAL. HAND EXCAVATE ADJACENT TO EXISTING MATURE TREES, CLEANLY PRUNE ANY ENCOUNTERED ROOTS, AND PROTECT ROOTS FROM DESICCATION.
 - RIGHT-OF-WAY AND LOT LINES SHOWN WERE PROVIDED BY MaineDOT ON OCTOBER 3, 2013.
 - PROJECT BASELINE ON PLAN 1A AND 2A PROVIDED BY GORRIL-PALMER

NO.	ISSUED FOR BIDDING	DATE
1	ISSUED FOR BIDDING	3/17
2	DRAFT PS&E SUBMISSION	9/16

DESIGNED BY	CAD	CHECKED BY	APPROVED BY
MAG	MRL	MAC	JCE
DATE: 3-30-17	DATE: 3-30-17	DATE: 3-30-17	DATE: 3-30-17

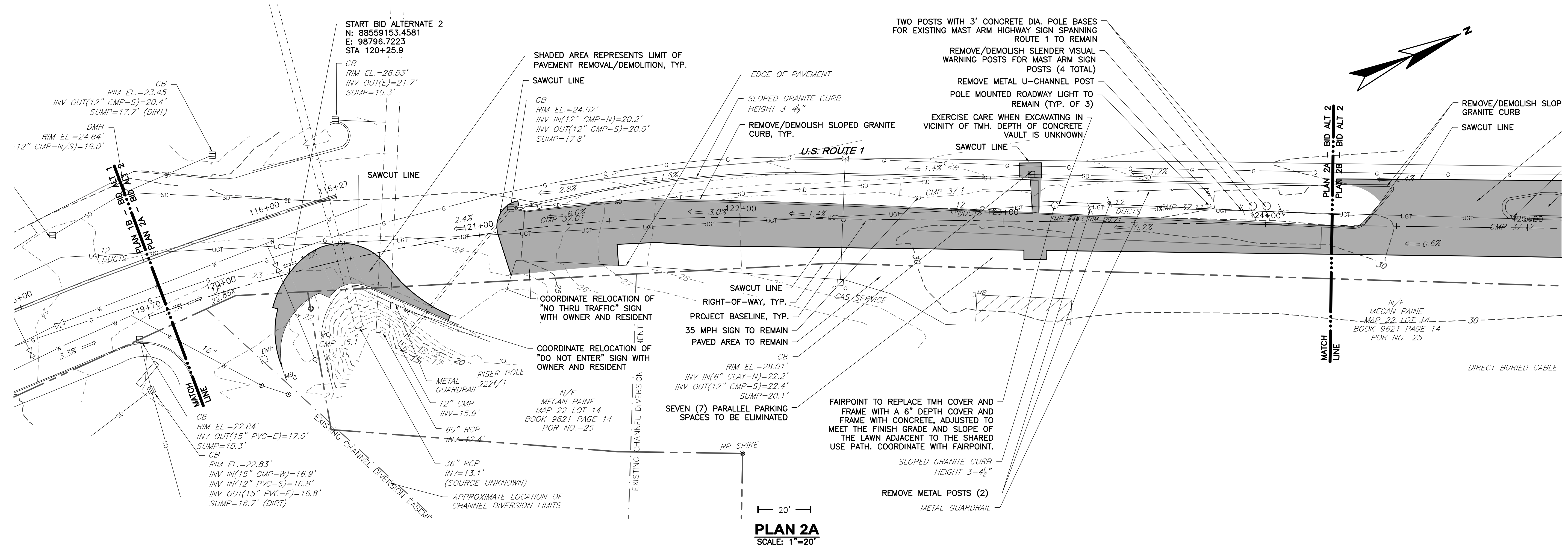
PROJECT NO.	PROJECT NAME
12533A	TOWN OF KITTELY ROUTE 1 SHARED USE PATH

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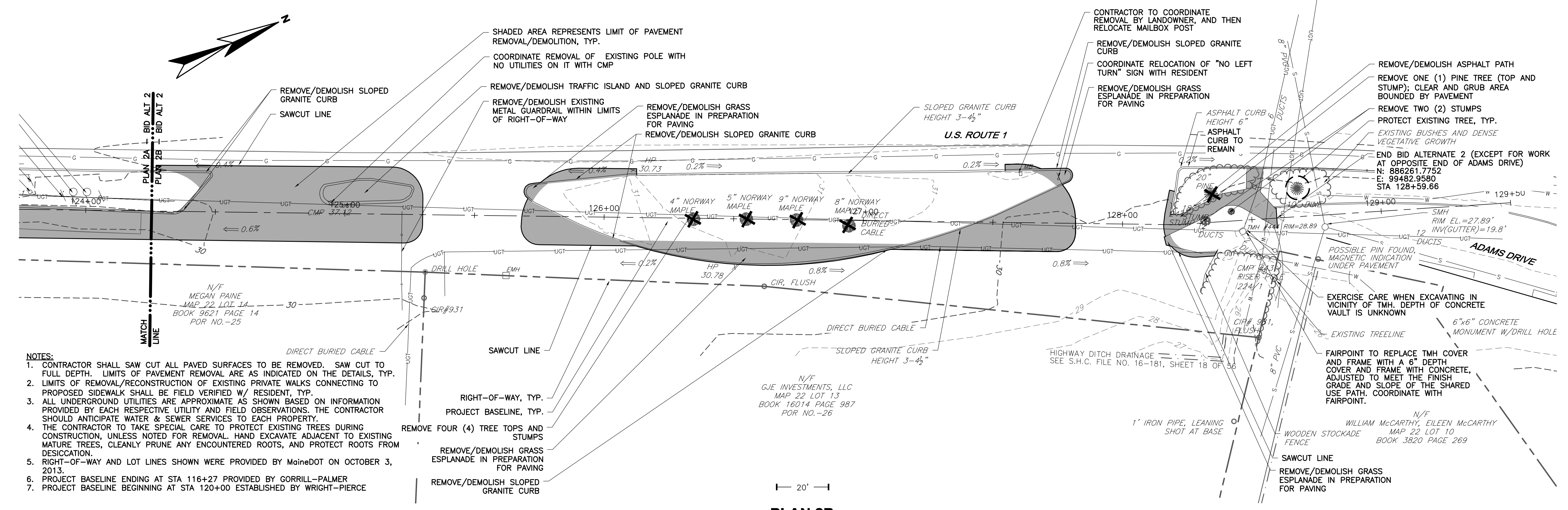
TOWN OF KITTELY
 ROUTE 1 SHARED USE PATH
 KITTELY, ME

EXISTING CONDITIONS/DEMOLITION PLAN
 - BID ALTERNATE 1

DRAWING
 C-6



PLAN 2A
SCALE: 1"=20'



PLAN 2B
SCALE: 1"=20'

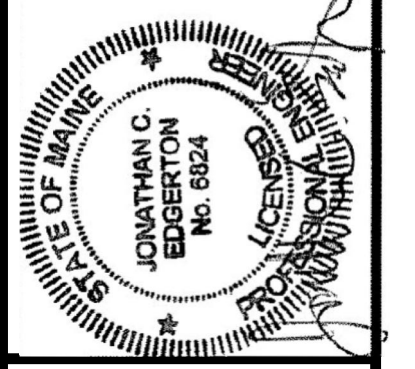
- NOTES:**
1. CONTRACTOR SHALL SAW CUT ALL PAVED SURFACES TO BE REMOVED. SAW CUT TO FULL DEPTH. LIMITS OF PAVEMENT REMOVAL ARE AS INDICATED ON THE DETAILS, TYP.
 2. LIMITS OF REMOVAL/RECONSTRUCTION OF EXISTING PRIVATE WALKS CONNECTING TO PROPOSED SIDEWALK SHALL BE FIELD VERIFIED W/ RESIDENT, TYP.
 3. ALL UNDERGROUND UTILITIES ARE APPROXIMATE AS SHOWN BASED ON INFORMATION PROVIDED BY EACH RESPECTIVE UTILITY AND FIELD OBSERVATIONS. THE CONTRACTOR SHOULD ANTICIPATE WATER & SEWER SERVICES TO EACH PROPERTY.
 4. THE CONTRACTOR TO TAKE SPECIAL CARE TO PROTECT EXISTING TREES DURING CONSTRUCTION, UNLESS NOTED FOR REMOVAL. HAND EXCAVATE ADJACENT TO EXISTING MATURE TREES, CLEANLY PRUNE ANY ENCOUNTERED ROOTS, AND PROTECT ROOTS FROM DESICCATION.
 5. RIGHT-OF-WAY AND LOT LINES SHOWN WERE PROVIDED BY MaineDOT ON OCTOBER 3, 2013.
 6. PROJECT BASELINE ENDING AT STA 116+27 PROVIDED BY GORRILL-PALMER
 7. PROJECT BASELINE BEGINNING AT STA 120+00 ESTABLISHED BY WRIGHT-PIERCE

NO.	ISSUED FOR BIDDING	DATE
1	JCE	3/17
2	JJC	9/16

DESIGNED BY	CAD	CHECKED BY	DATE
MAG	MRL	MAG	3-30-17
MRL	MRL	JCE	3-30-17

APPROVED BY	DATE
JCE	3-30-17

PROJECT NO.	PROJECT NAME
12533A	ROUTE 1 SHARED USE PATH

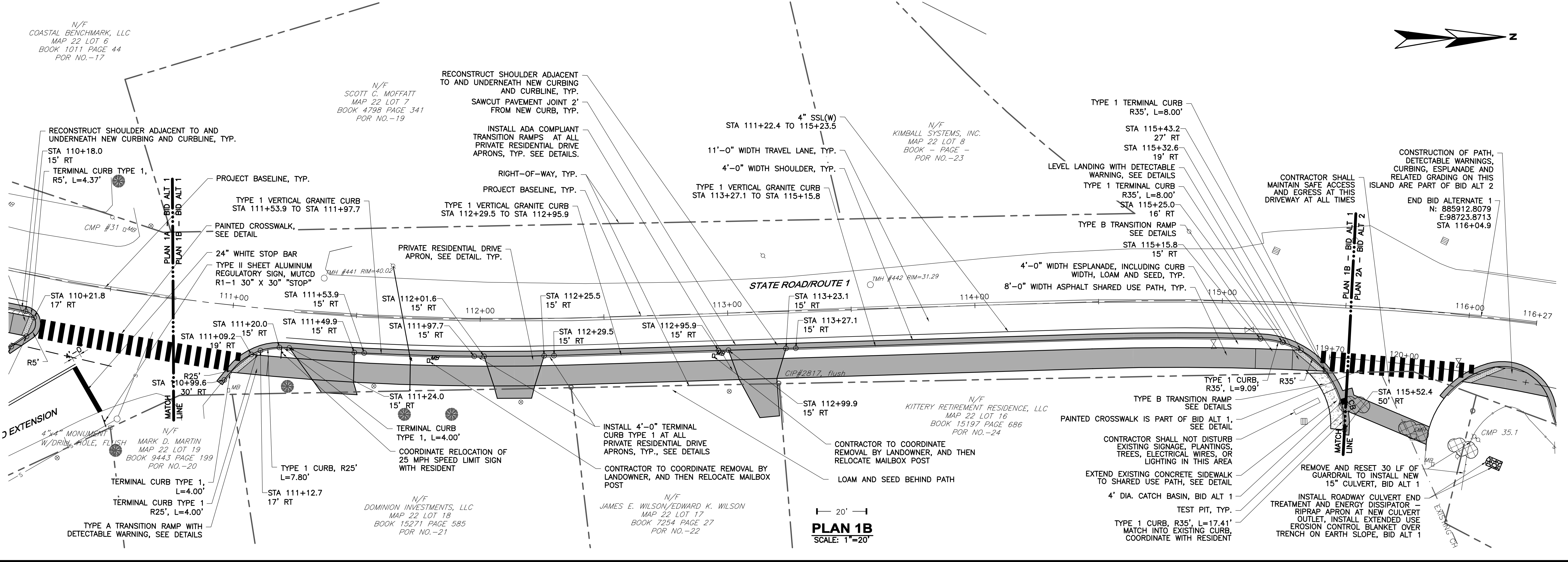
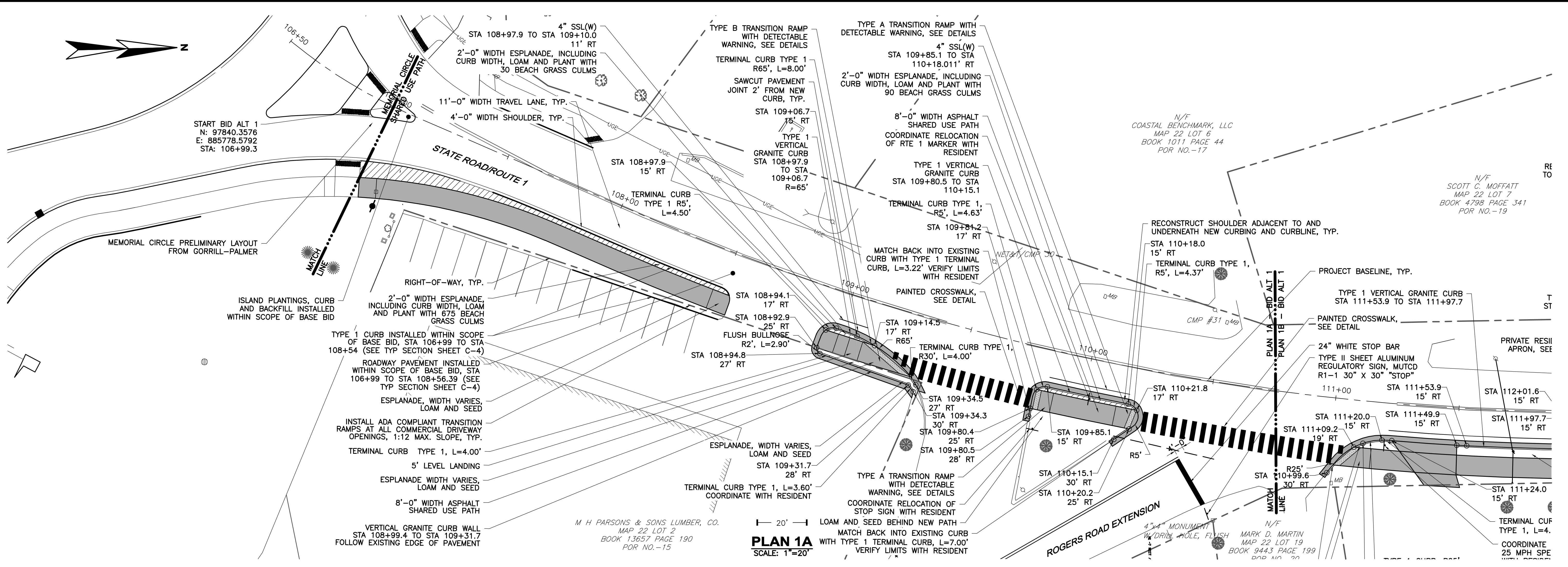


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TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME

EXISTING CONDITIONS/DEMOLITION PLAN
- BID ALTERNATE 2



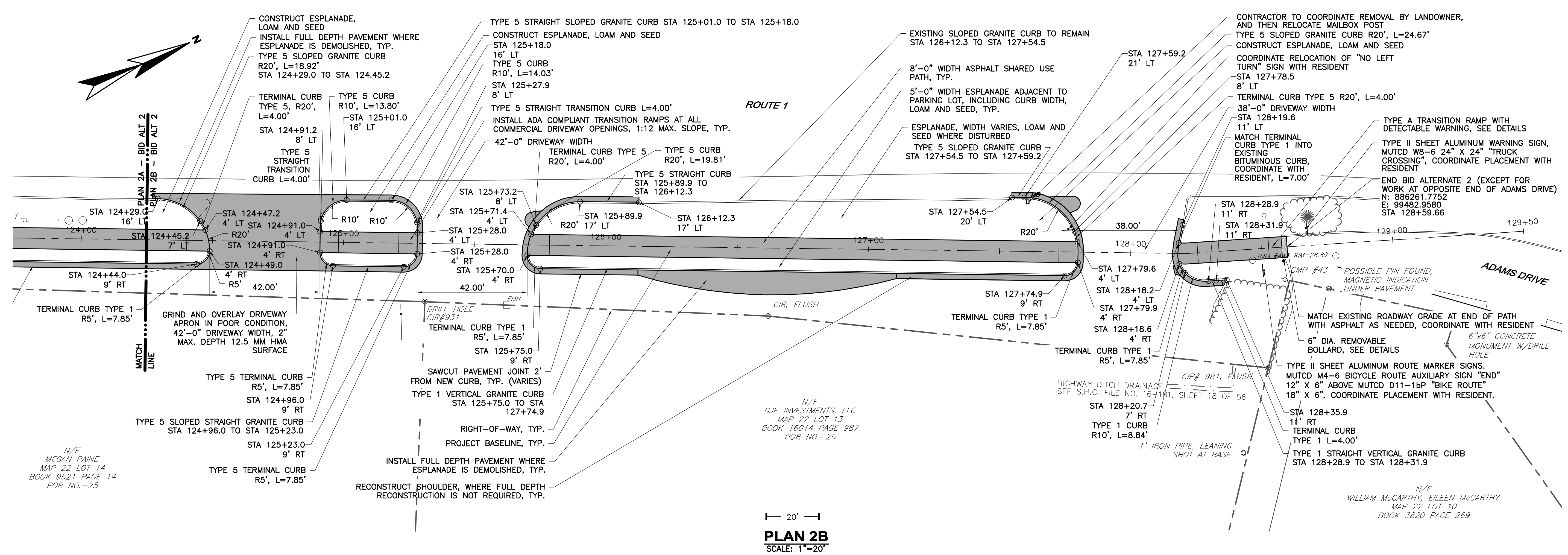
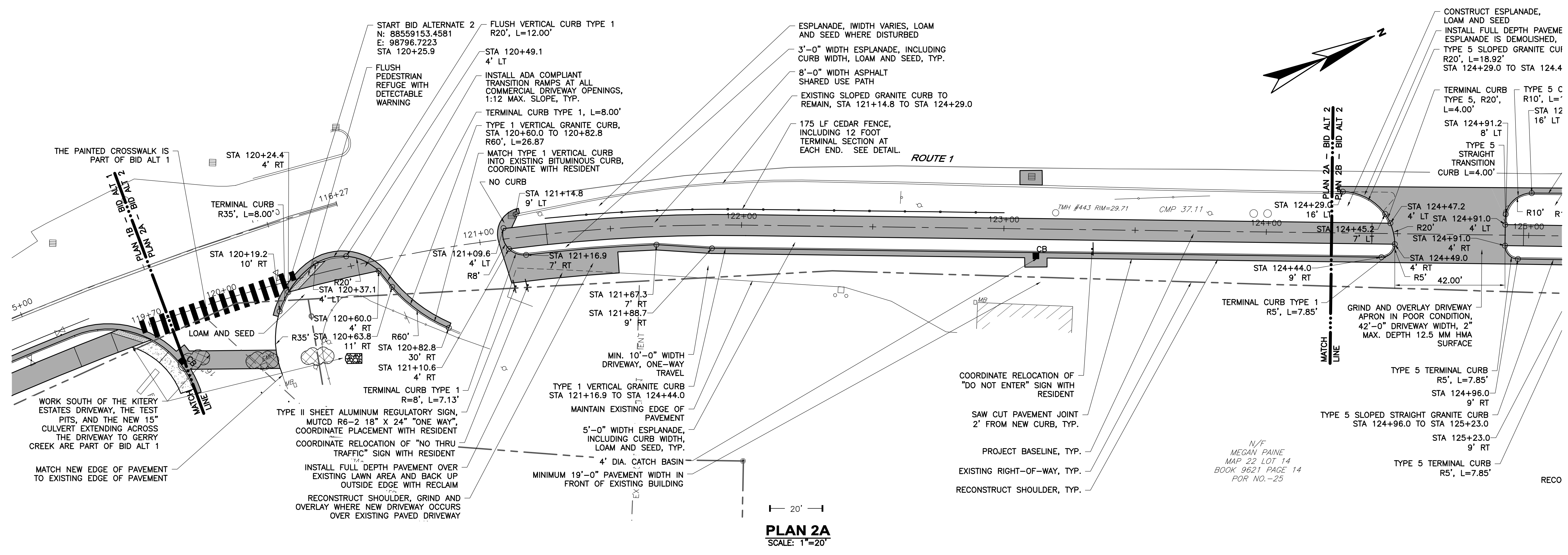
NO.	ISSUED FOR BIDDING	DATE
1	ISSUED FOR BIDDING	3/17
2	DRAFT PS&E SUBMISSION	9/16

DESIGNED BY: MAG
CAD: MRL
CHECKED BY: MRL
DATE: 3-30-17
APPROVED BY: JCE
DATE: 3-30-17
PROJECT NO.: 12533A

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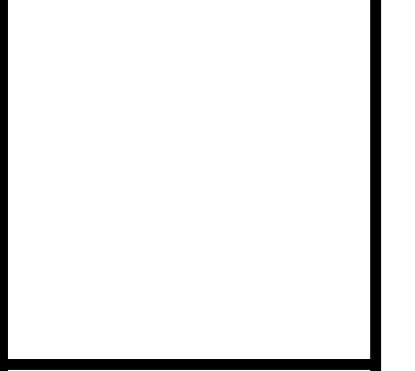
TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME
LAYOUT, STRIPING, CURBING AND SIGNAGE PLAN
- BID ALTERNATE 1

DRAWING
C-8



NO.	ISSUED FOR BIDDING	DATE
1	JCE	3/17
2	JJC	9/16

DESIGNED BY	CAD	CHECKED BY	DATE	APPROVED BY	DATE	PROJECT NO.
MAG	MRL	MAG	3-30-17	JJC	3-30-17	12533A



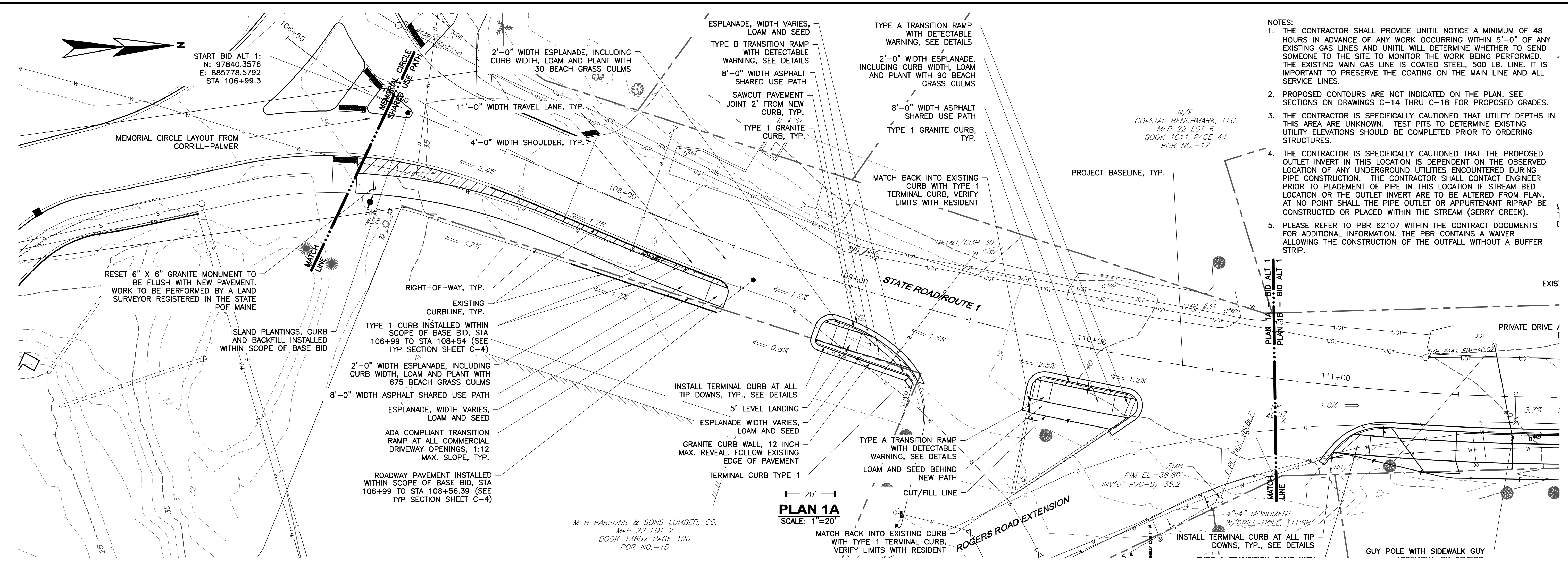
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TOWN OF KITTERY
ROUTE 1 SHARED USE PATH
KITTERY, ME

LAYOUT, STRIPING, CURBING, AND SIGNAGE PLAN
- BID ALTERNATE 2

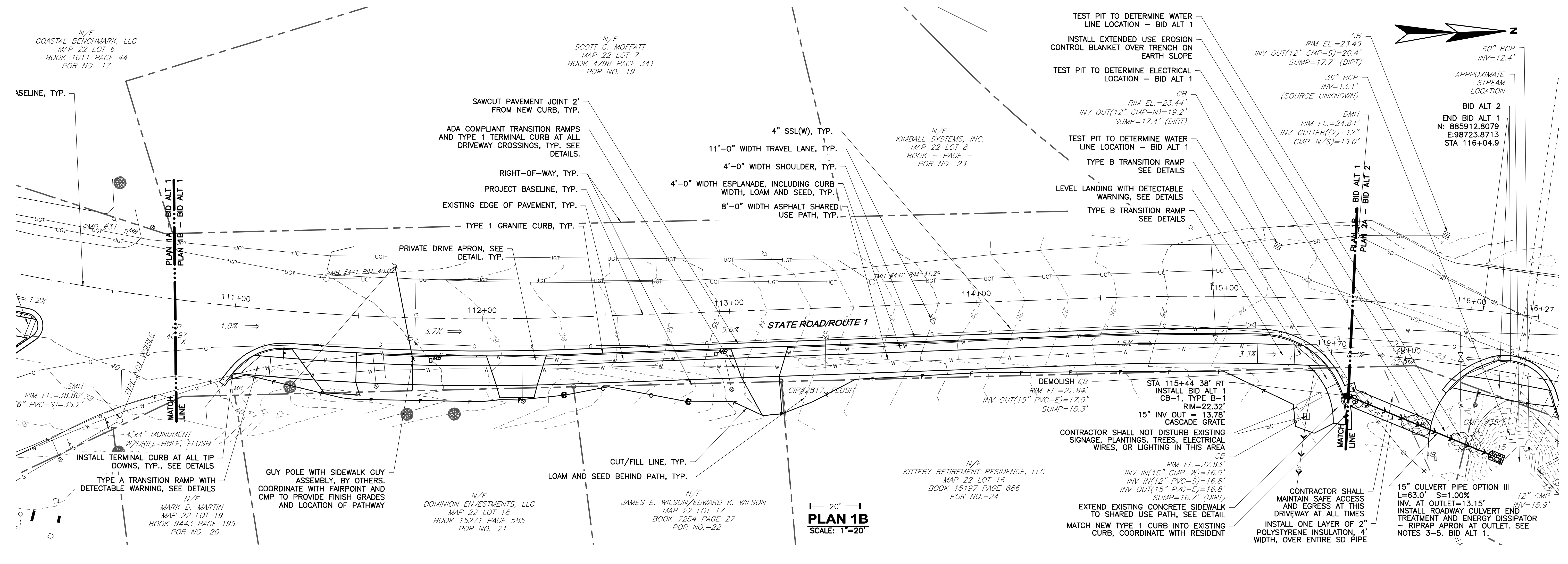
DRAWING
C-9



PLAN 1A
SCALE: 1"=20'

- NOTES:
1. THE CONTRACTOR SHALL PROVIDE UNTIL NOTICE A MINIMUM OF 48 HOURS IN ADVANCE OF ANY WORK OCCURRING WITHIN 5'-0" OF ANY EXISTING GAS LINES AND UNTIL WILL DETERMINE WHETHER TO SEND SOMEONE TO THE SITE TO MONITOR THE WORK BEING PERFORMED. THE EXISTING MAIN GAS LINE IS COATED STEEL, 500 LB. LINE. IT IS IMPORTANT TO PRESERVE THE COATING ON THE MAIN LINE AND ALL SERVICE LINES.
 2. PROPOSED CONTOURS ARE NOT INDICATED ON THE PLAN. SEE SECTIONS ON DRAWINGS C-14 THRU C-18 FOR PROPOSED GRADES.
 3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT UTILITY DEPTHS IN THIS AREA ARE UNKNOWN. TEST PITS TO DETERMINE EXISTING UTILITY ELEVATIONS SHOULD BE COMPLETED PRIOR TO ORDERING STRUCTURES.
 4. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE PROPOSED OUTLET INVERT IN THIS LOCATION IS DEPENDENT ON THE OBSERVED LOCATION OF ANY UNDERGROUND UTILITIES ENCOUNTERED DURING PIPE CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PLACEMENT OF PIPE IN THIS LOCATION IF STREAM BED LOCATION OR THE OUTLET INVERT ARE TO BE ALTERED FROM PLAN. AT NO POINT SHALL THE PIPE OUTLET OR APPURTENANT RIPRAP BE CONSTRUCTED OR PLACED WITHIN THE STREAM (GERRY CREEK).
 5. PLEASE REFER TO PBR 62107 WITHIN THE CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION. THE PBR CONTAINS A WAIVER ALLOWING THE CONSTRUCTION OF THE OUTFALL WITHOUT A BUFFER STRIP.

DESIGNED BY: MAG CAD COORD. MRL	DATE: 3/17
CHECKED BY: MAG CAD. MRL	DATE: 3/17
APPROVED BY: JCE	DATE: 3-30-17
PROJECT NO: 12533A	
ISSUED FOR BIDDING	JCE 3/17
DRAFT PS&E SUBMISSION	JCE 9/16



PLAN 1B
SCALE: 1"=20'

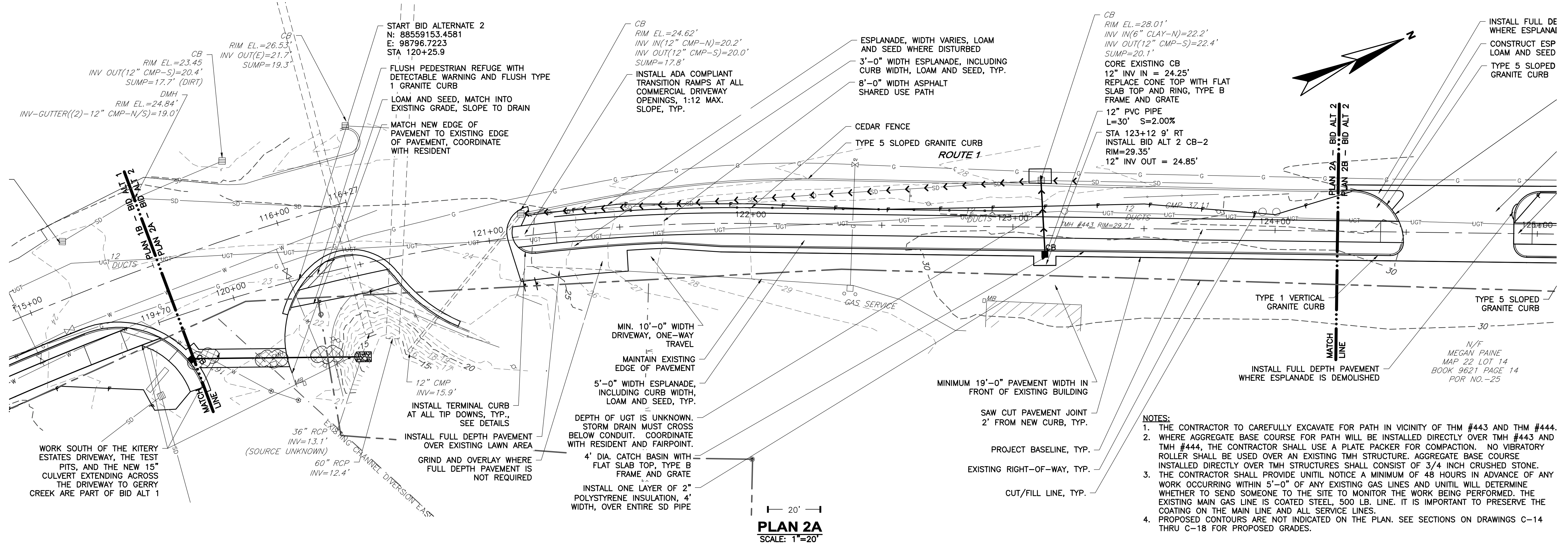
- TEST PIT TO DETERMINE WATER LINE LOCATION - BID ALT 1
- INSTALL EXTENDED USE EROSION CONTROL BLANKET OVER TRENCH ON EARTH SLOPE
- TEST PIT TO DETERMINE ELECTRICAL LOCATION - BID ALT 1
- TEST PIT TO DETERMINE WATER LINE LOCATION - BID ALT 1
- TYPE B TRANSITION RAMP SEE DETAILS
- LEVEL LANDING WITH DETECTABLE WARNING, SEE DETAILS
- TYPE B TRANSITION RAMP SEE DETAILS

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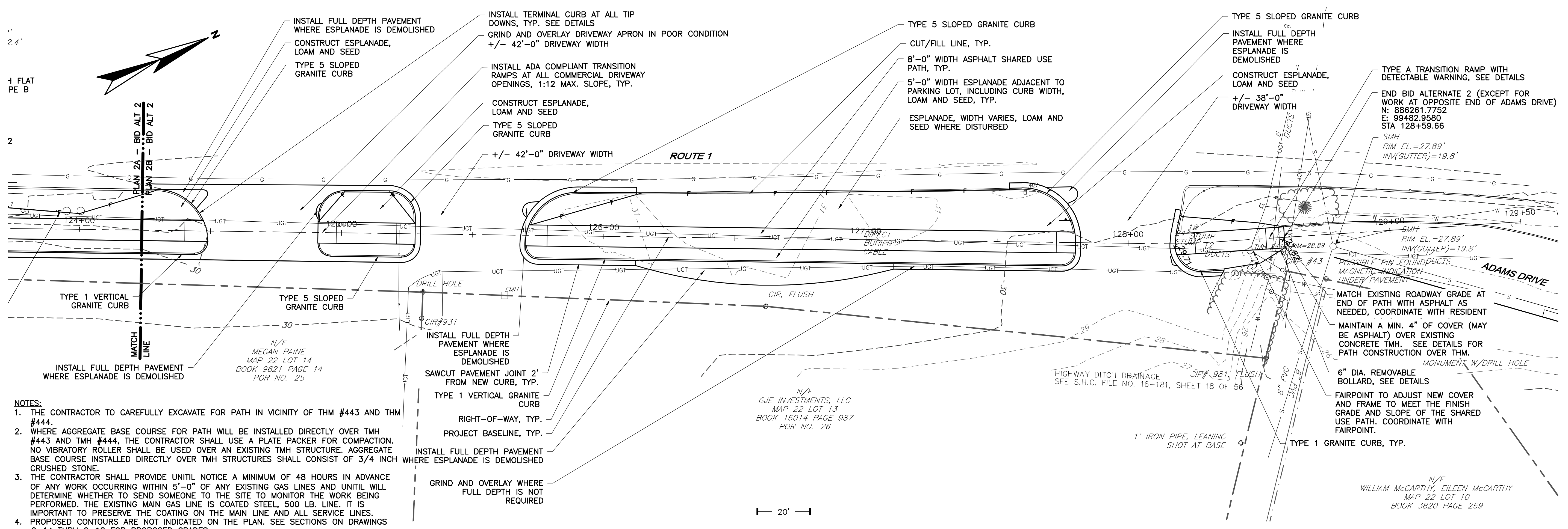
TOWN OF KITTERY
ROUTE 1 SHARED USE PATH
KITTERY, ME

GRADING AND DRAINAGE PLAN
BID ALTERNATE 1

DRAWING
C-10



PLAN 2A
SCALE: 1"=20'



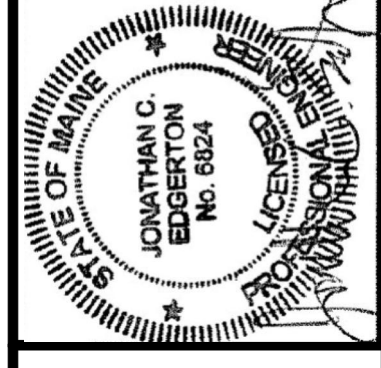
PLAN 2B
SCALE: 1"=20'

- NOTES:**
1. THE CONTRACTOR TO CAREFULLY EXCAVATE FOR PATH IN VICINITY OF THM #443 AND THM #444.
 2. WHERE AGGREGATE BASE COURSE FOR PATH WILL BE INSTALLED DIRECTLY OVER TMH #443 AND THM #444, THE CONTRACTOR SHALL USE A PLATE PACKER FOR COMPACTION. NO VIBRATORY ROLLER SHALL BE USED OVER AN EXISTING TMH STRUCTURE. AGGREGATE BASE COURSE INSTALLED DIRECTLY OVER TMH STRUCTURES SHALL CONSIST OF 3/4 INCH CRUSHED STONE.
 3. THE CONTRACTOR SHALL PROVIDE UNTIL NOTICE A MINIMUM OF 48 HOURS IN ADVANCE OF ANY WORK OCCURRING WITHIN 5'-0" OF ANY EXISTING GAS LINES AND UNTIL WILL DETERMINE WHETHER TO SEND SOMEONE TO THE SITE TO MONITOR THE WORK BEING PERFORMED. THE EXISTING MAIN GAS LINE IS COATED STEEL, 500 LB. LINE. IT IS IMPORTANT TO PRESERVE THE COATING ON THE MAIN LINE AND ALL SERVICE LINES. PROPOSED CONTOURS ARE NOT INDICATED ON THE PLAN. SEE SECTIONS ON DRAWINGS C-14 THRU C-18 FOR PROPOSED GRADES.

- NOTES:**
1. THE CONTRACTOR TO CAREFULLY EXCAVATE FOR PATH IN VICINITY OF THM #443 AND THM #444.
 2. WHERE AGGREGATE BASE COURSE FOR PATH WILL BE INSTALLED DIRECTLY OVER TMH #443 AND THM #444, THE CONTRACTOR SHALL USE A PLATE PACKER FOR COMPACTION. NO VIBRATORY ROLLER SHALL BE USED OVER AN EXISTING TMH STRUCTURE. AGGREGATE BASE COURSE INSTALLED DIRECTLY OVER TMH STRUCTURES SHALL CONSIST OF 3/4 INCH CRUSHED STONE.
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 4. PROPOSED CONTOURS ARE NOT INDICATED ON THE PLAN. SEE SECTIONS ON DRAWINGS C-14 THRU C-18 FOR PROPOSED GRADES.

NO.	ISSUED FOR BIDDING	DATE
1	ISSUED FOR BIDDING	3/17
2	DRAFT PS&E SUBMISSION	3/16

DESIGNED BY: MAG
 CAD COORD: MRL
 CHECKED BY: MAG
 DATE: 3-30-17
 APPROVED BY: JCE
 DATE: 3-30-17
 PROJECT NO: 12533A

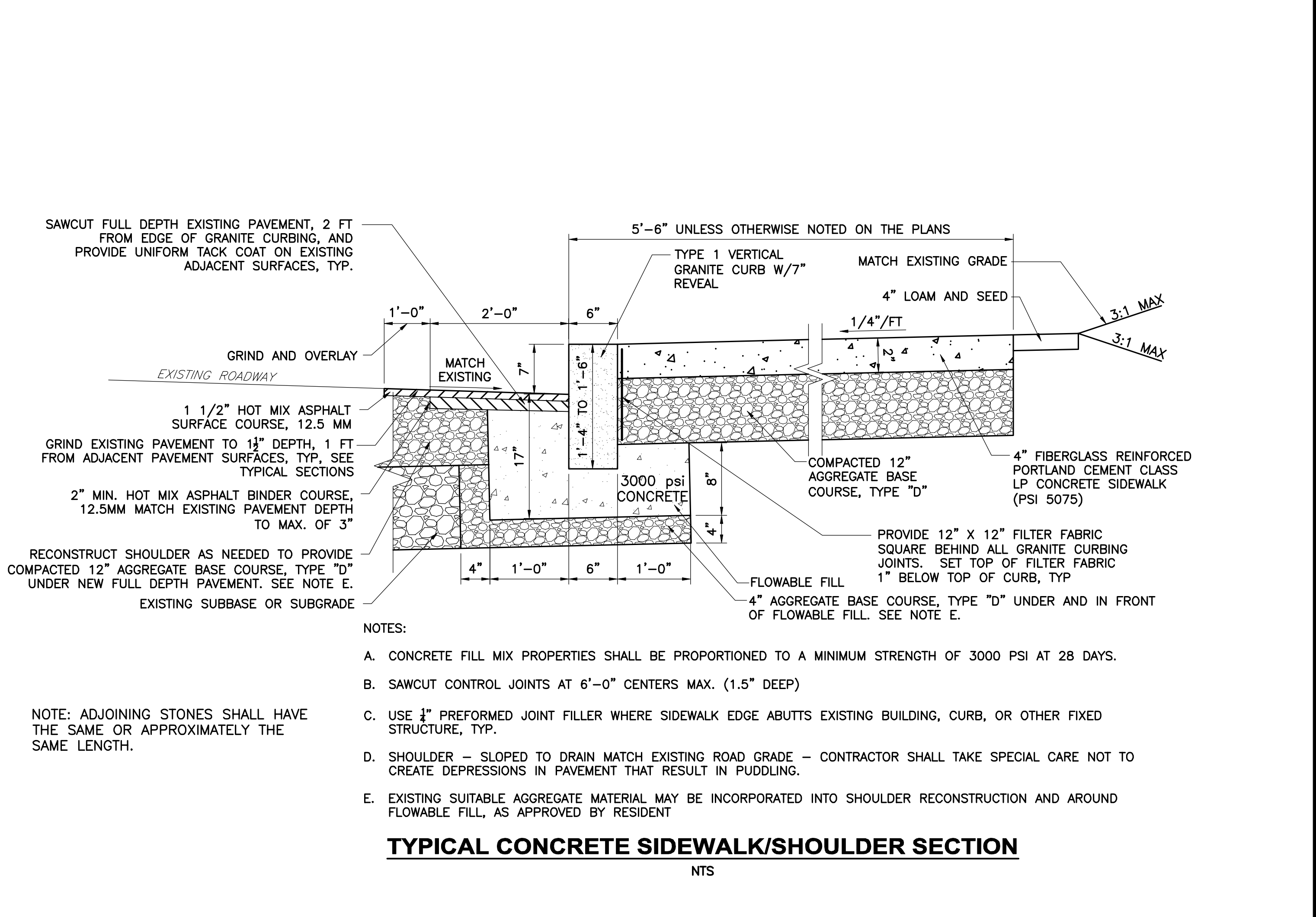
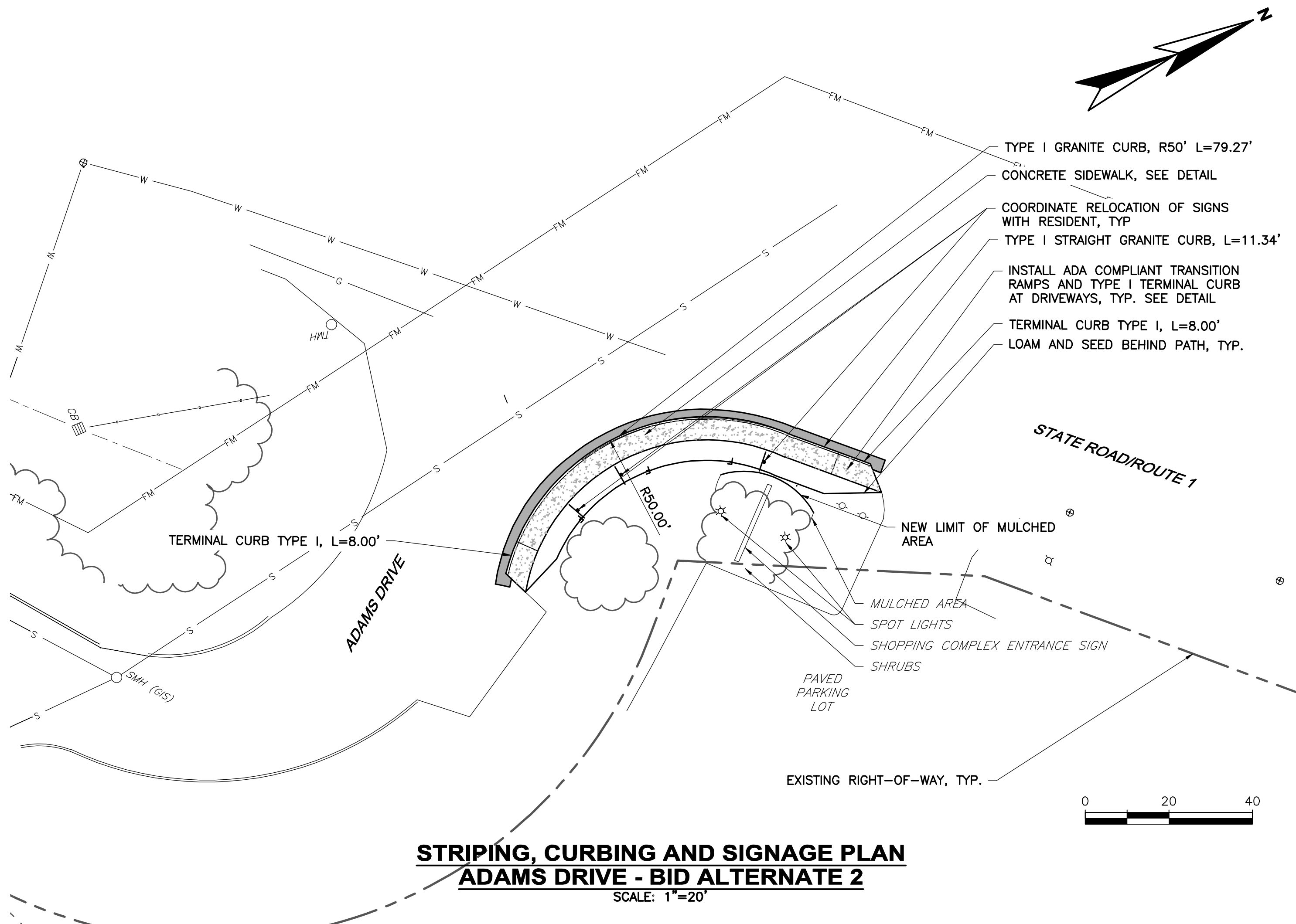
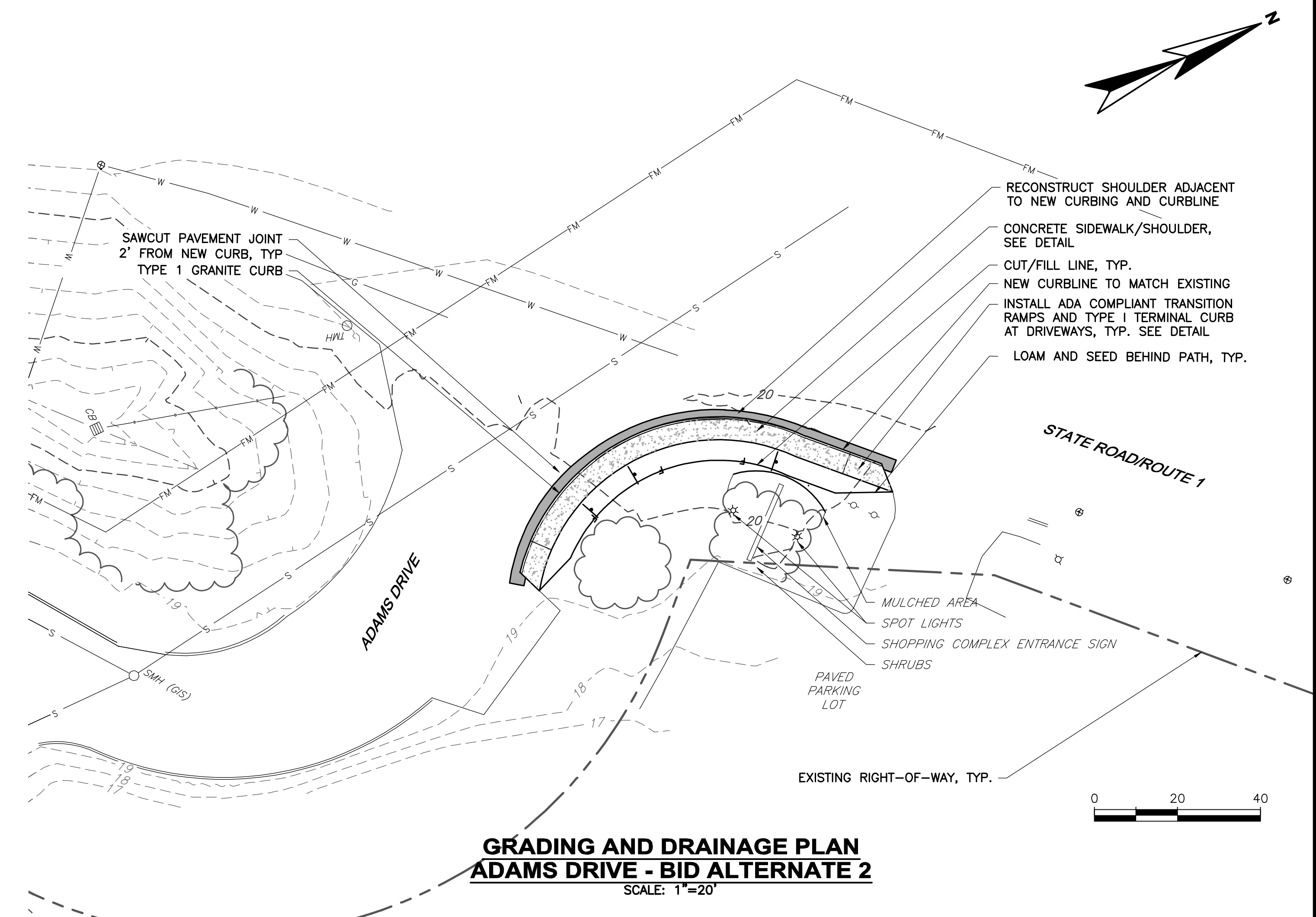
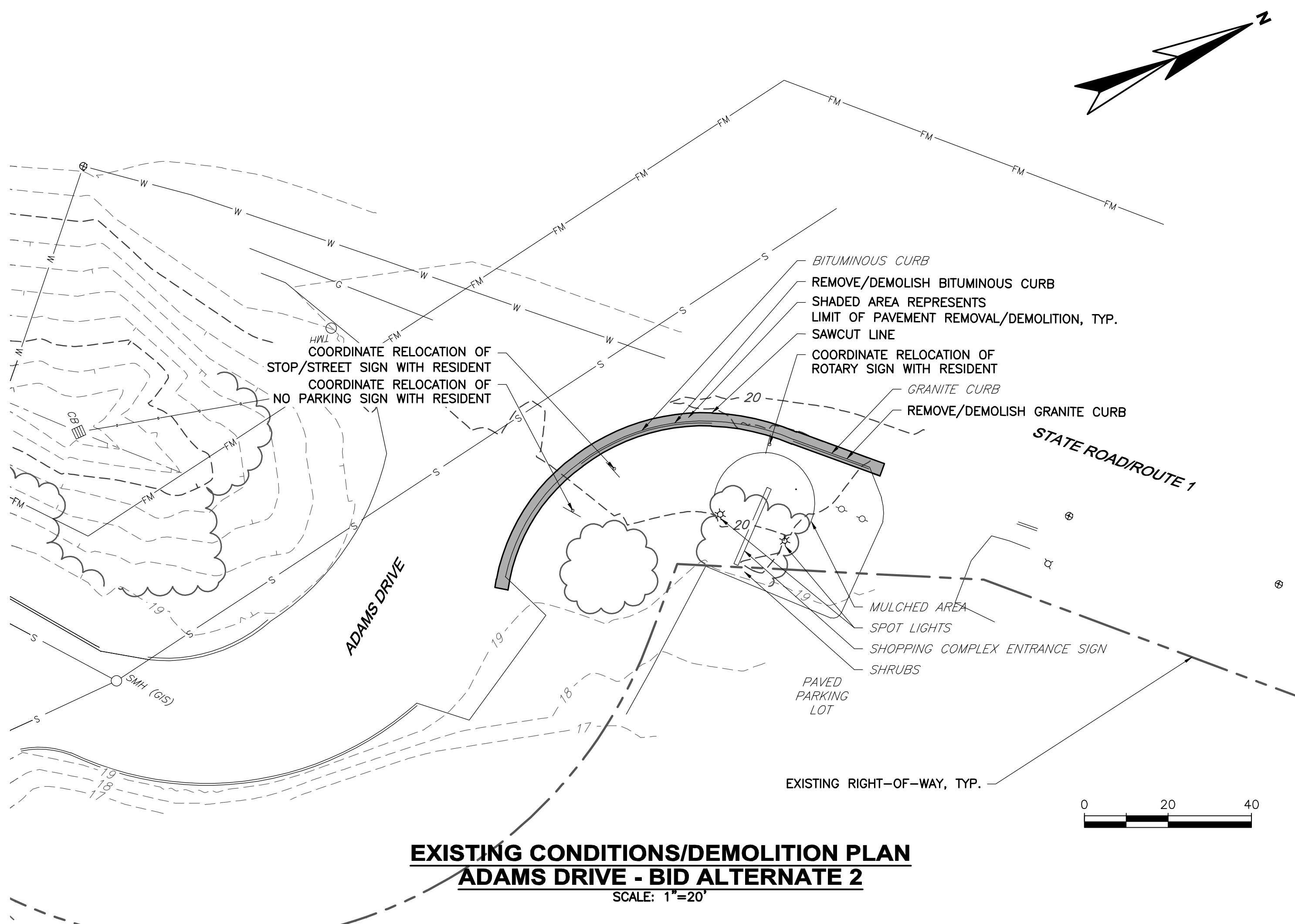


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TOWN OF KITTERY
 ROUTE 1 SHARED USE PATH
 KITTERY, ME
 GRADING AND DRAINAGE PLAN
 - BID ALTERNATE 2

LAST SAVED BY: MATT.LAPIERRE 3/22/2017 9:49 AM

G:\DWG\ME\KITTELY\12533-ROUTE1\BYPASS\SHARE\USE\PATH\12533A-FD\CIV\12533AC12.DWG | 12533AC12 | 1:4.56 | 3/30/2017 11:43:28 AM | MATT.LAPIERRE



NO.	ISSUED FOR BIDDING	DATE	APPR'D.
1	JCE	3/17	
2	JJC	9/16	
SUBMISSIONS/REVISIONS			
NO.	ISSUED FOR BIDDING	DATE	APPR'D.
1	JCE	3/17	
2	JJC	9/16	
DESIGNED BY: MAG			
CAD COORD.: MRL			
CHECKED BY: MAG			
DATE: 3-30-17			
APPROVED BY: JCE			
DATE: 3-30-17			
PROJECT NO: 12533A			

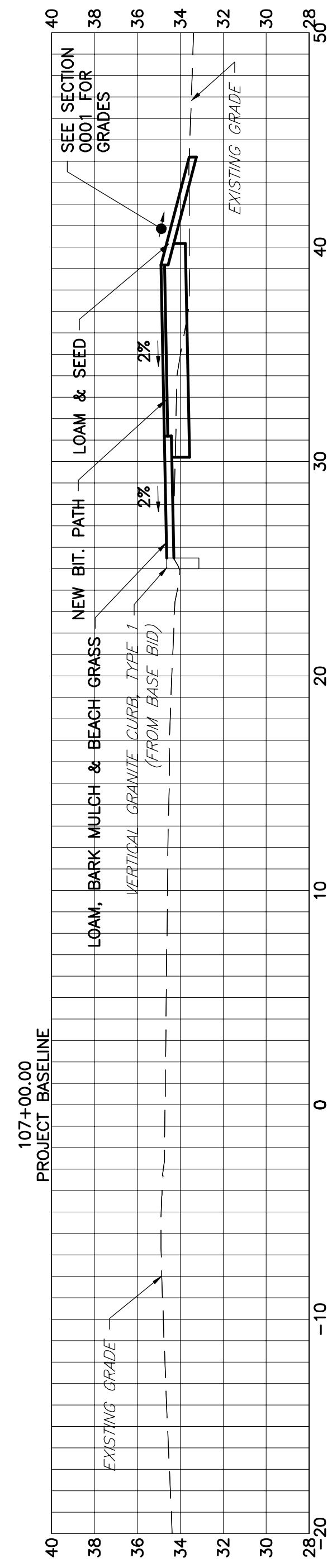
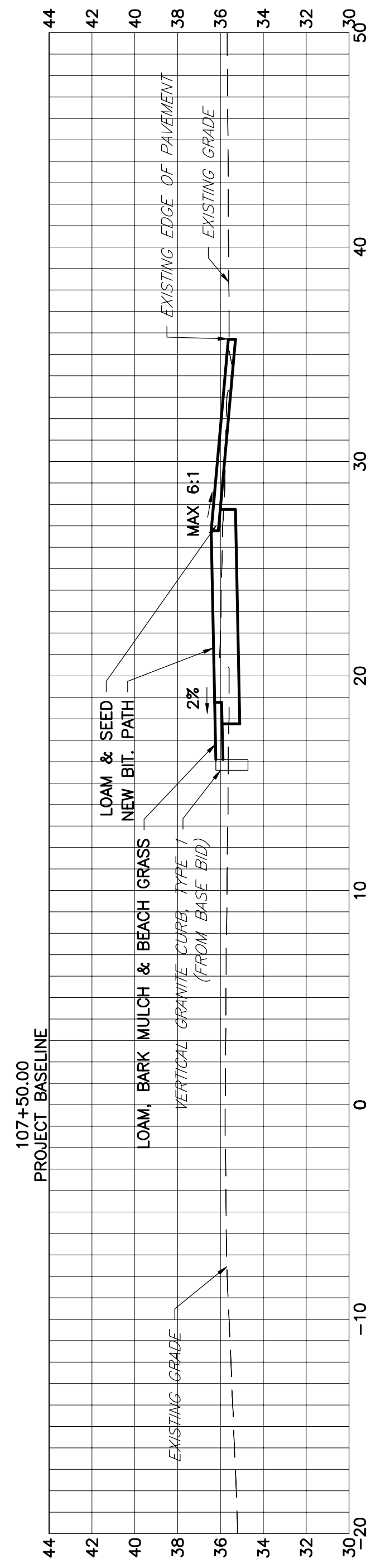
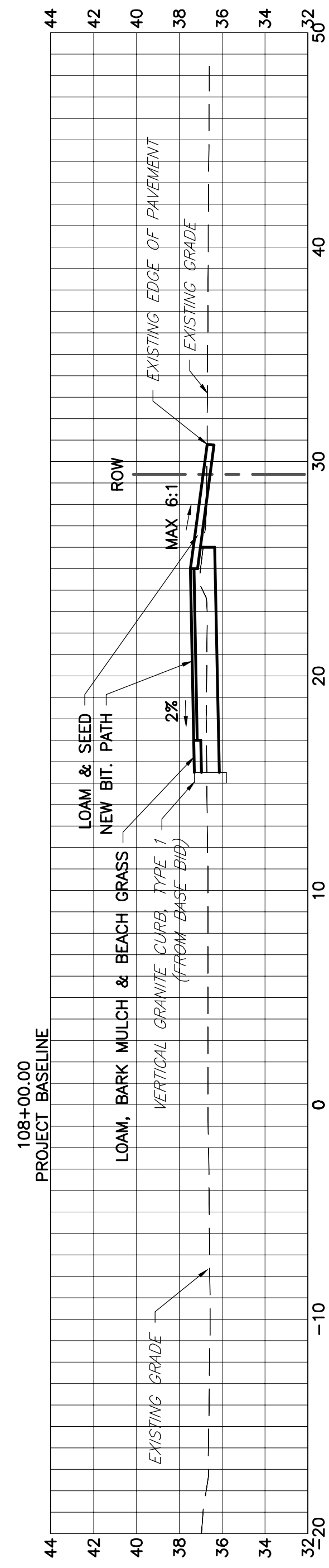
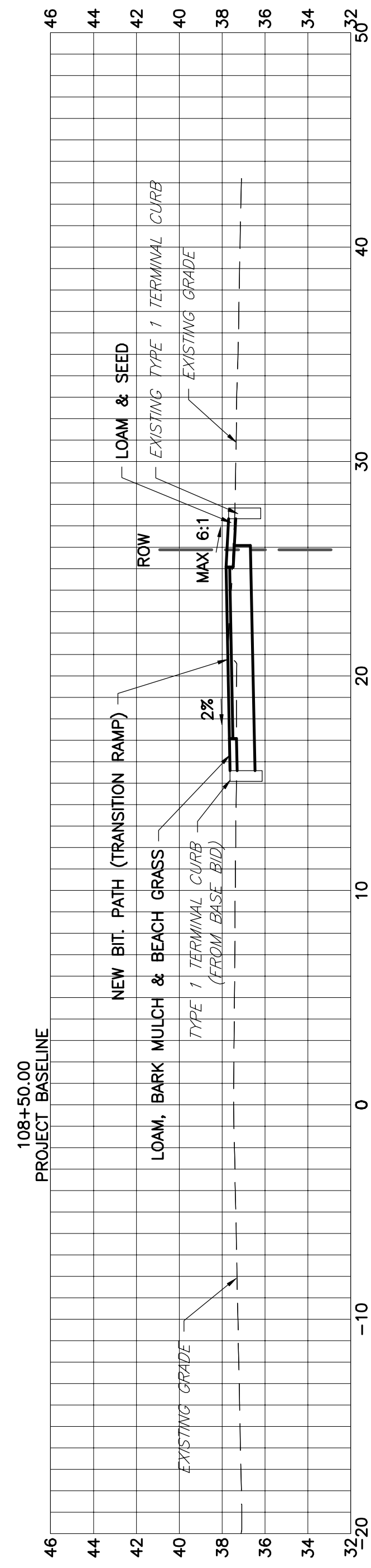
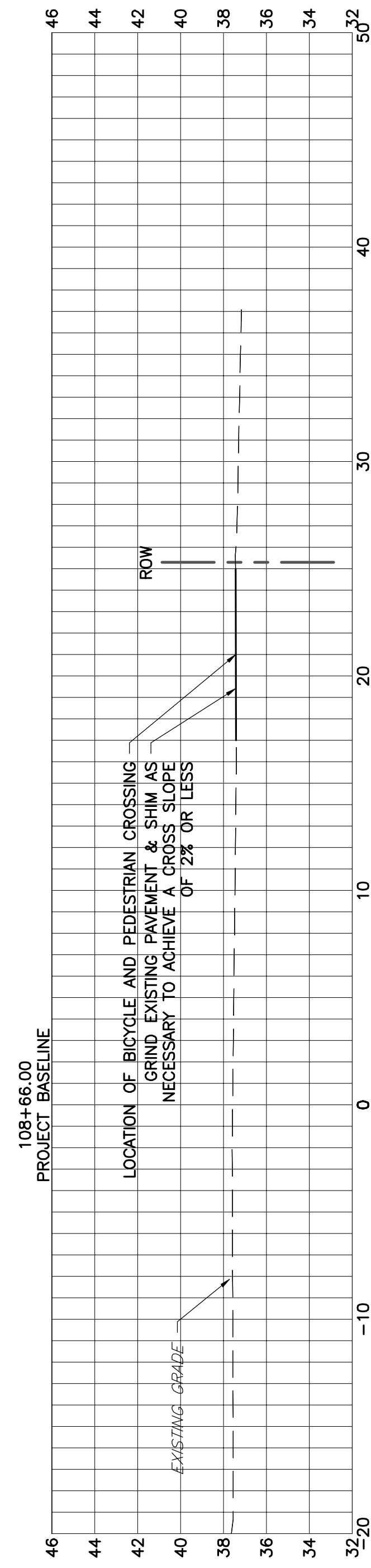
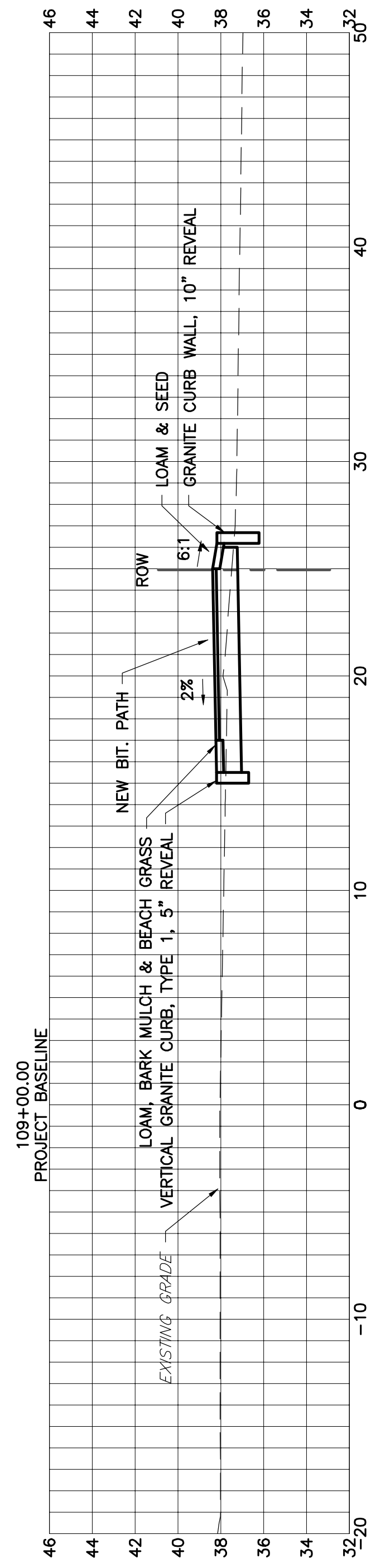
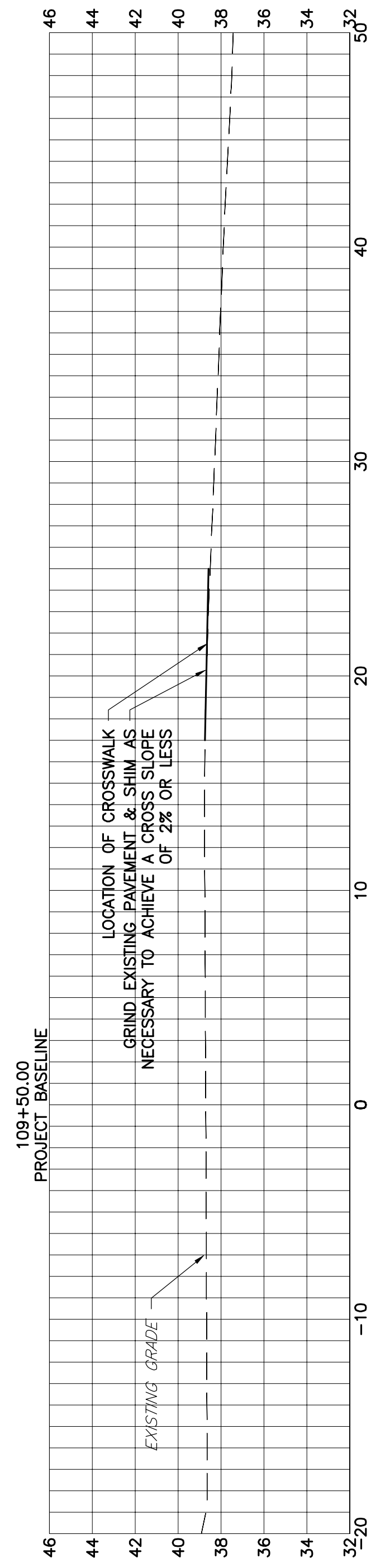
Jonathan C. Edgerton
Professional Engineer
No. 8604
State of Maine

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TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME

ADAMS DRIVE - EXISTING CONDITIONS/DEMOLITION PLAN & STRIPING, CURBING AND SIGNAGE PLAN & GRADING AND DRAINAGE PLAN - BID ALTERNATE 2

DRAWING
C-12



CROSS SECTIONS
SCALE: 1"=5'

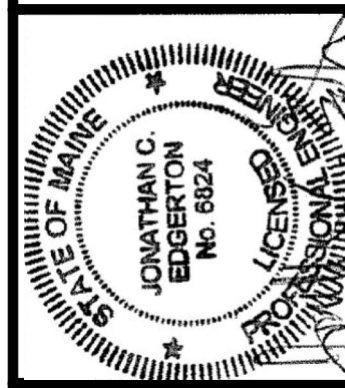
TOWN OF KITTERY
ROUTE 1 SHARED USE PATH
KITTERY, ME

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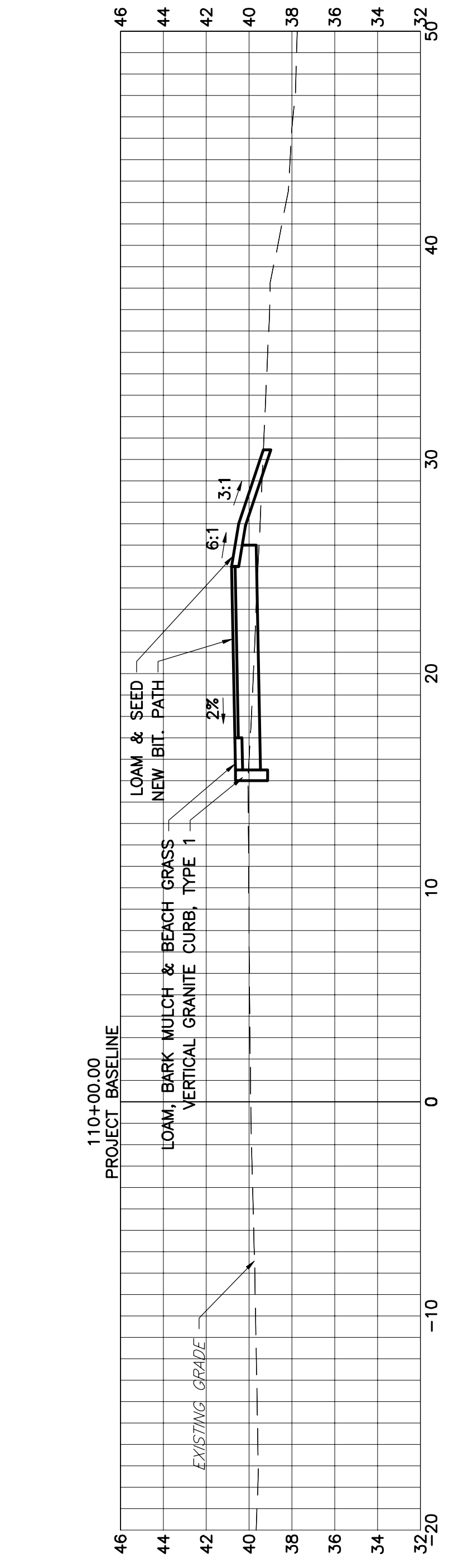
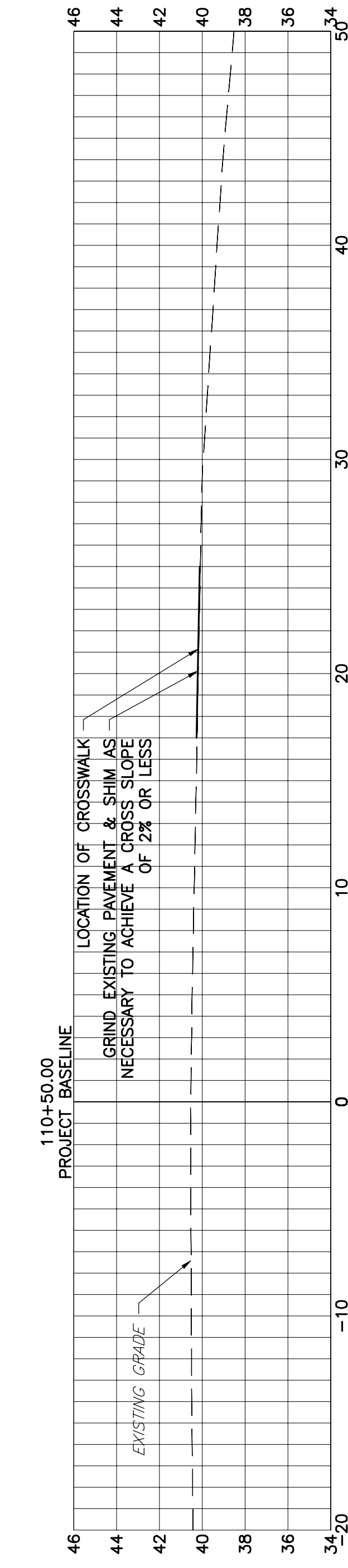
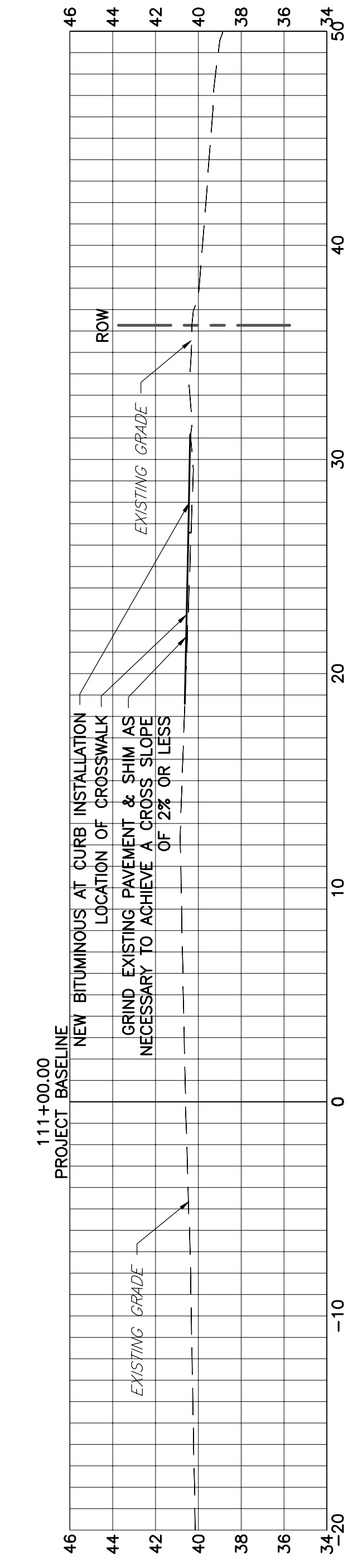
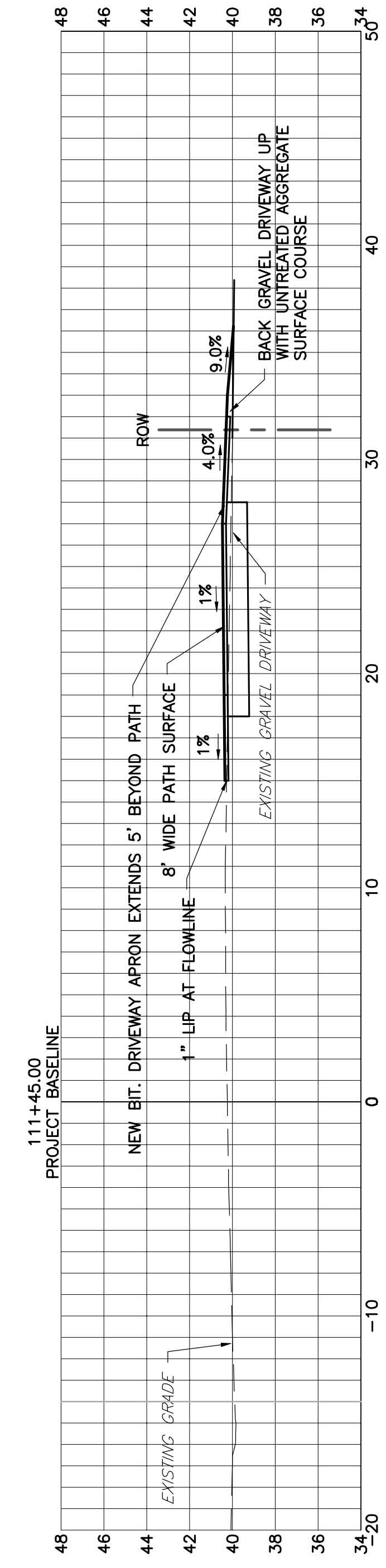
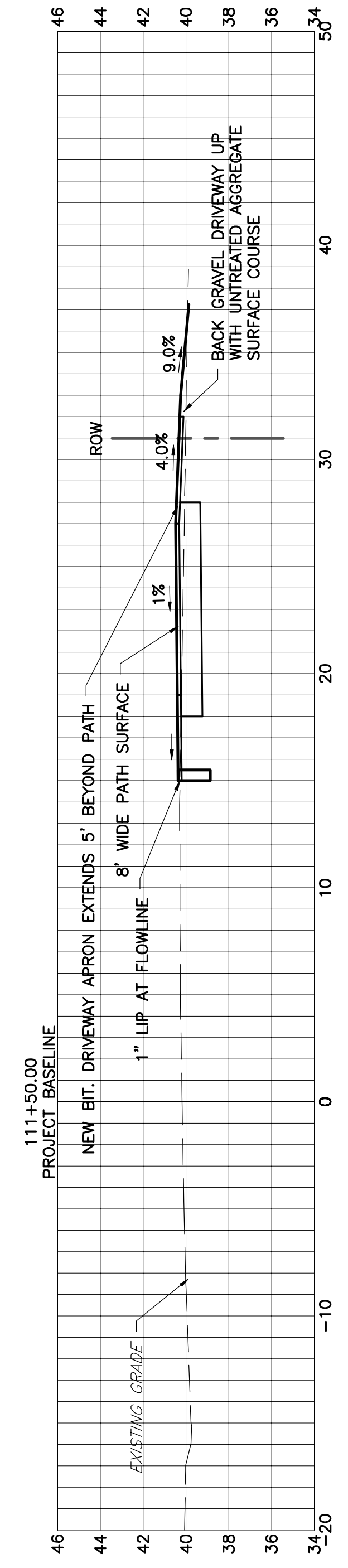
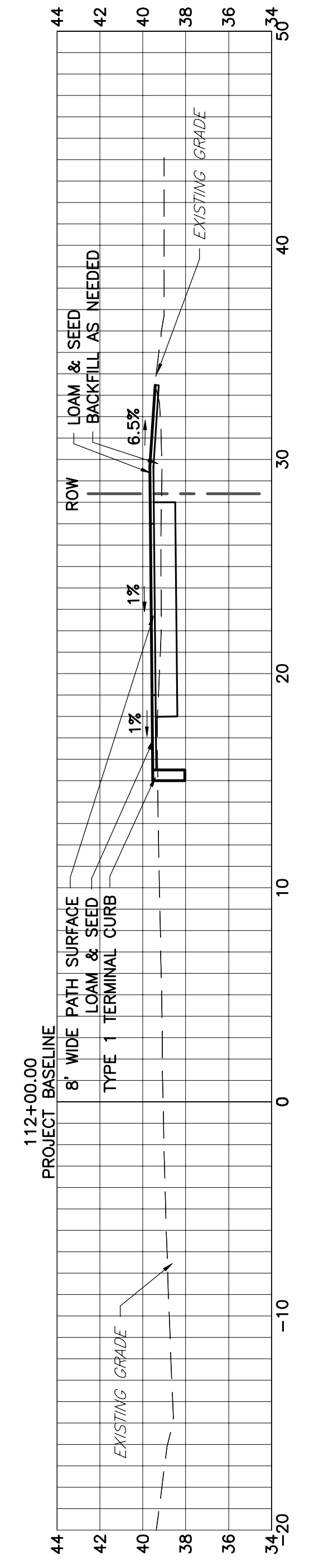
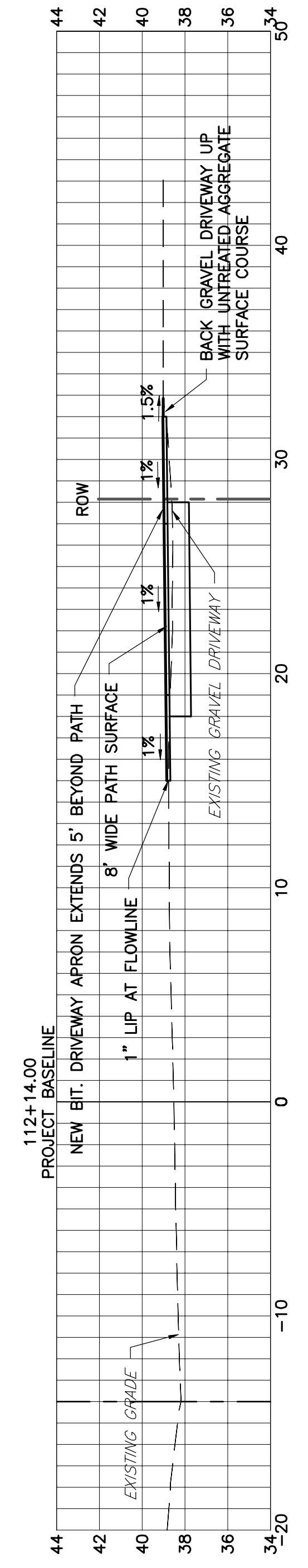
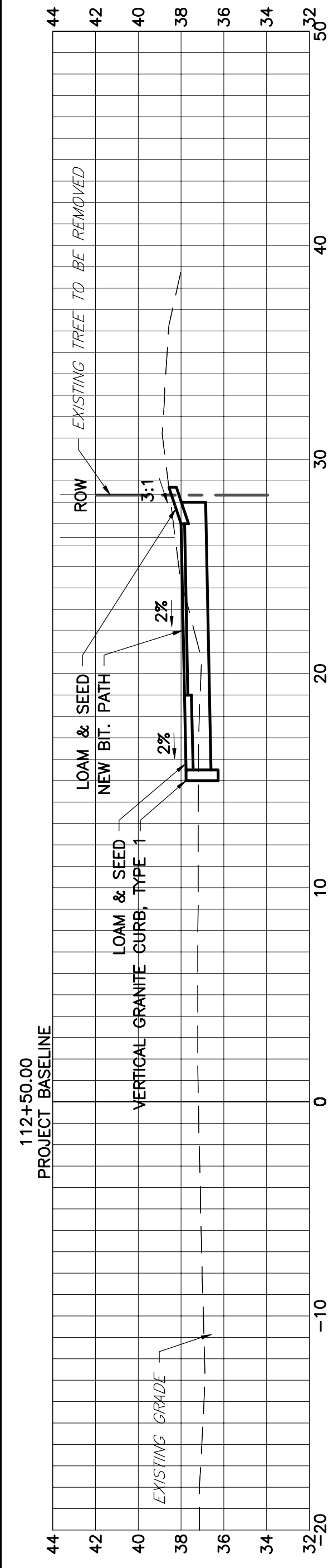
CROSS SECTIONS 107+00 TO STA 109+50
- BID ALTERNATE 1

DRAWING
C-13

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DESIGNED BY: MAG	ISSUED FOR BIDDING	NO.	DATE
CAD COORD: MRL	ISSUED FOR BIDDING	NO.	DATE
CHECKED BY: MAG	DRAFT PS&E SUBMISSION	NO.	DATE
DATE: 3-30-17		NO.	DATE
APPROVED BY: JCE		NO.	DATE
DATE: 3-30-17		NO.	DATE
PROJECT NO: 12533A		NO.	DATE



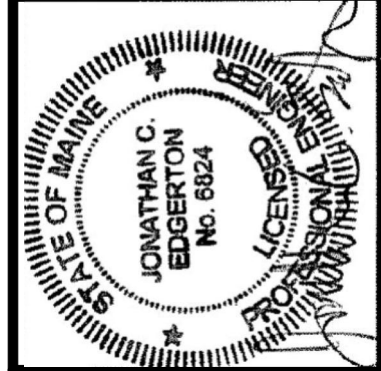
CROSS SECTIONS
SCALE: 1"=5'

TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME

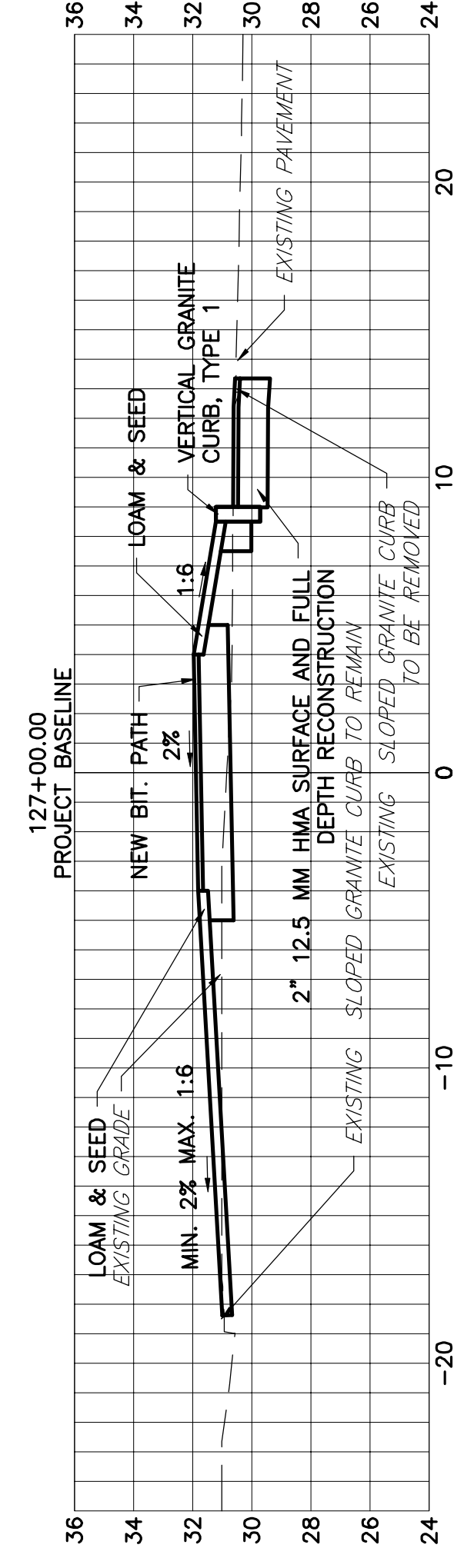
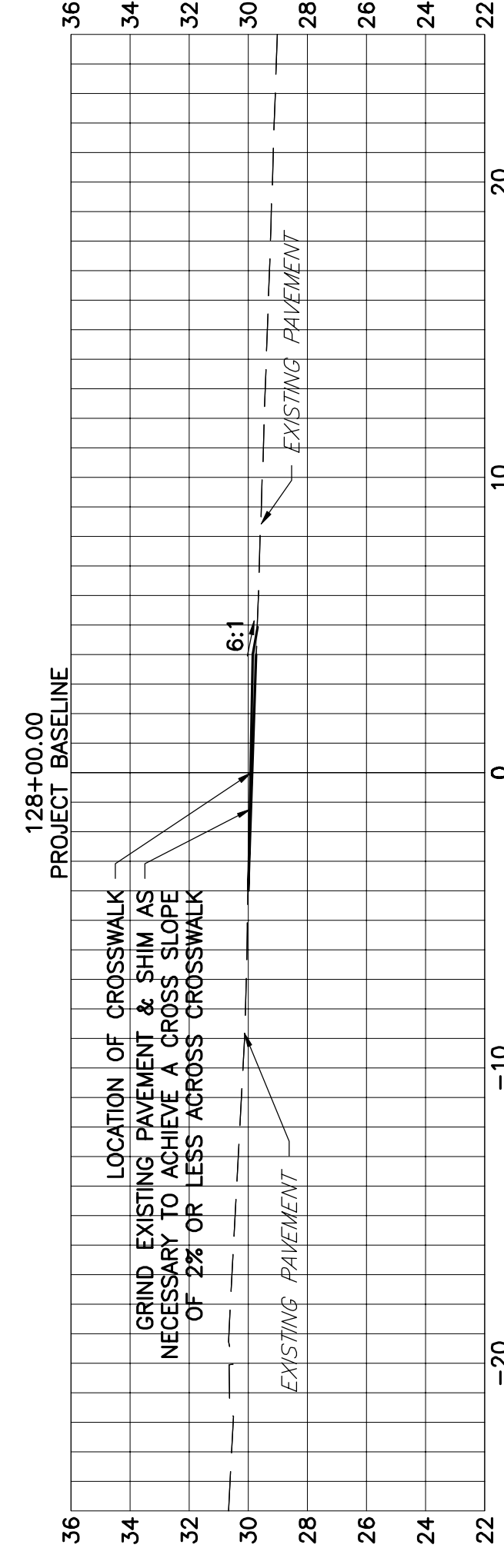
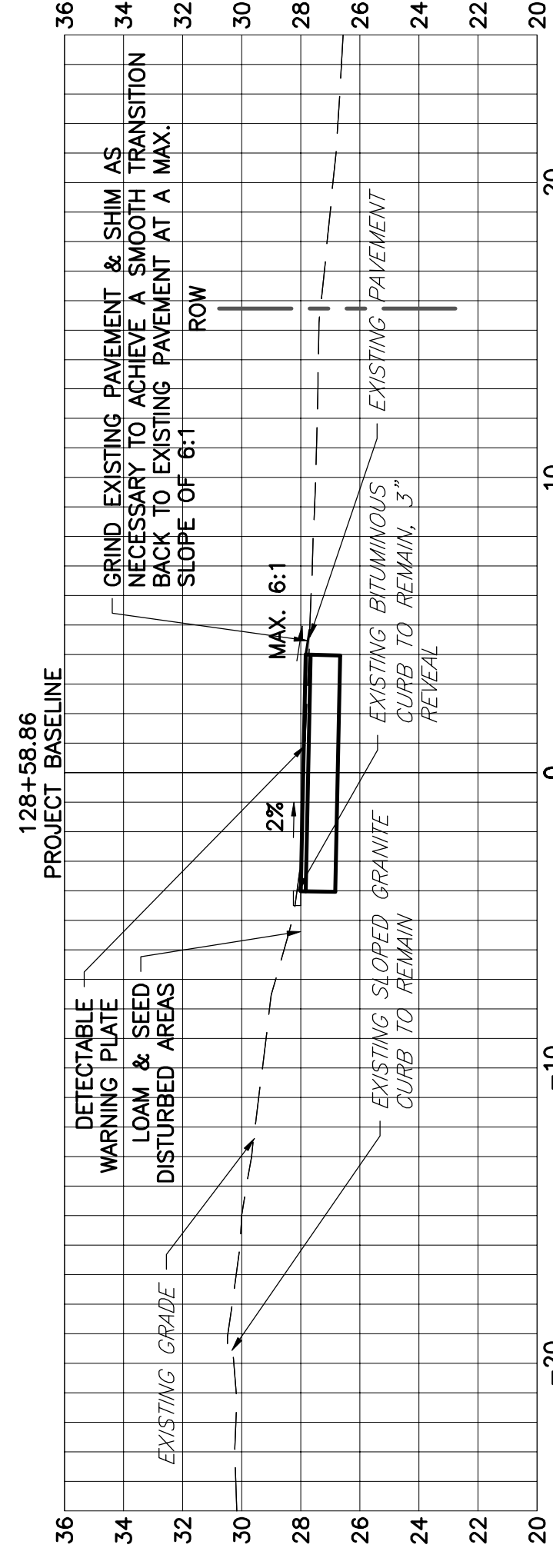
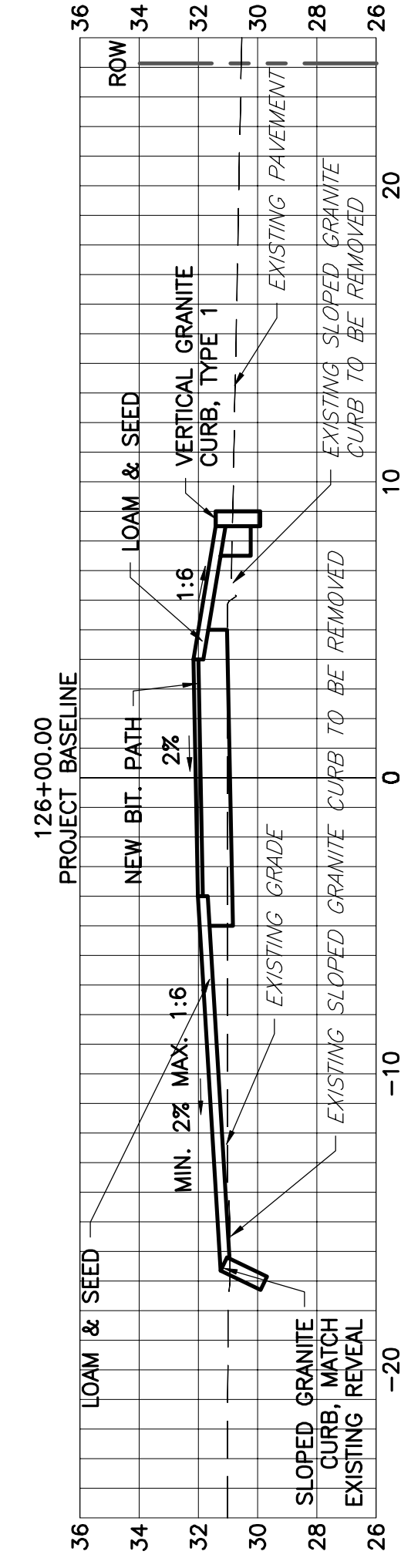
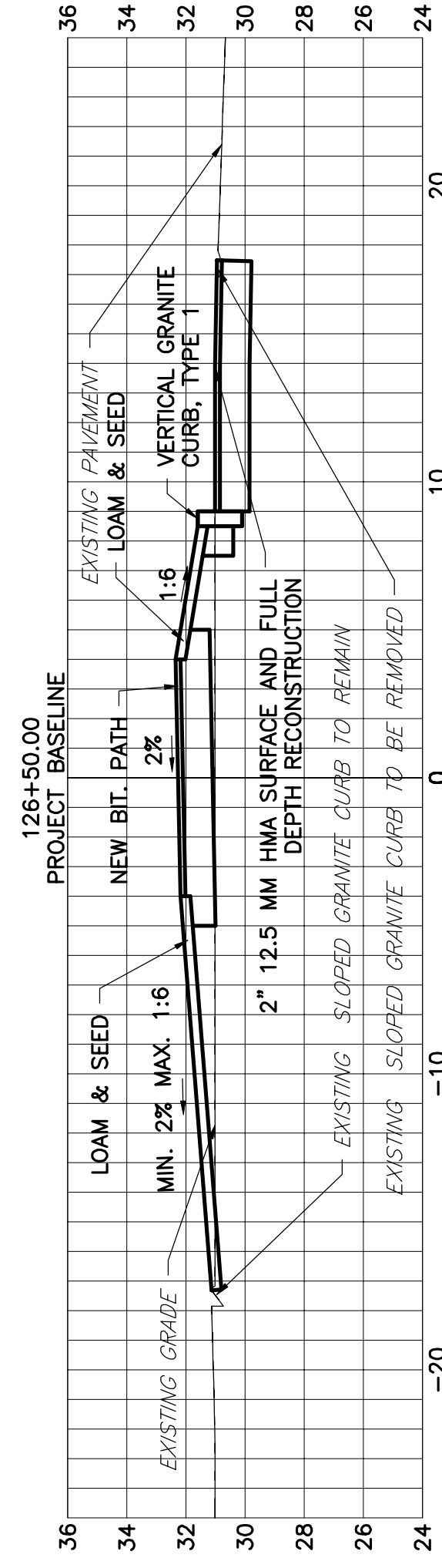
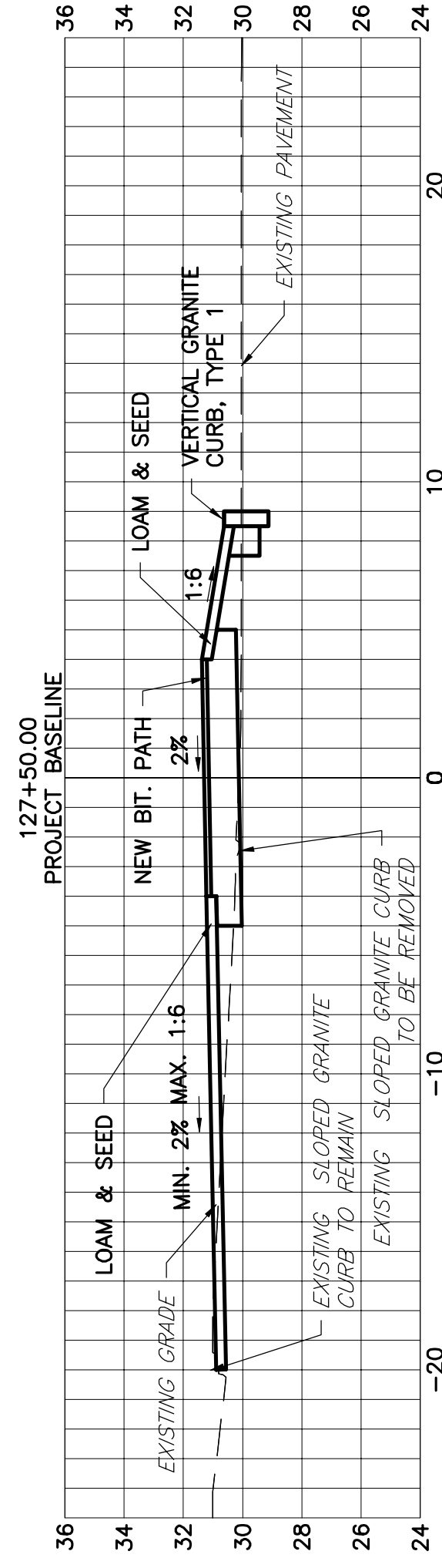
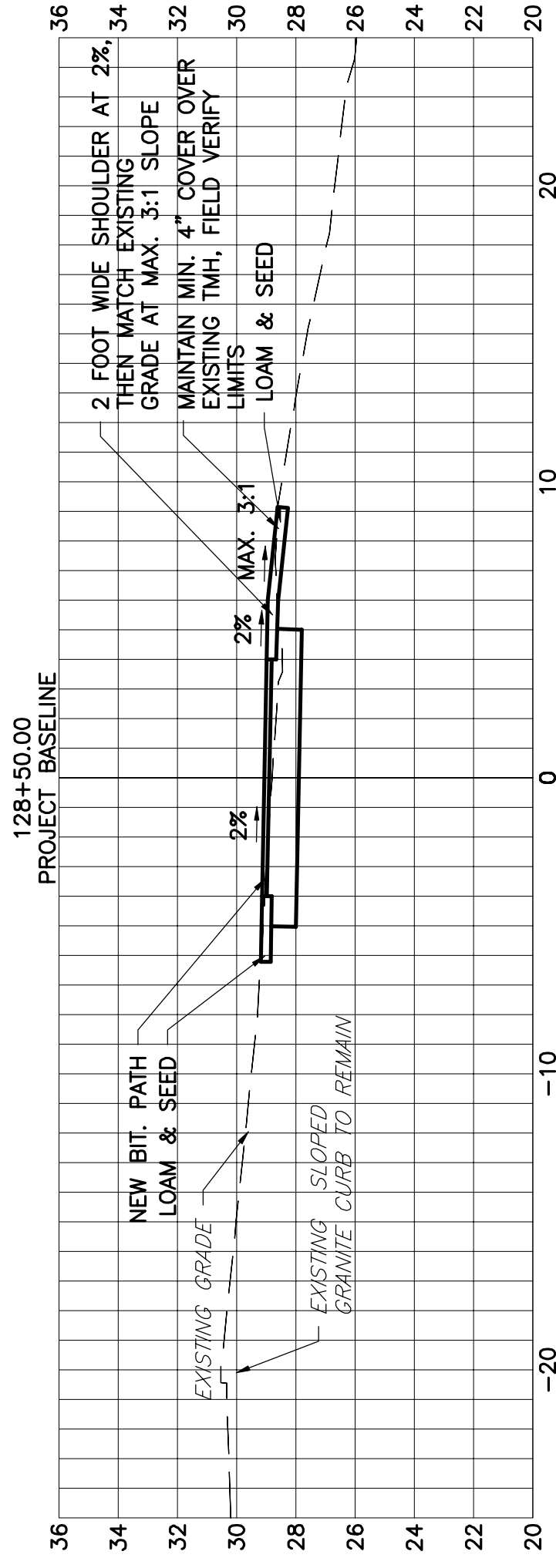
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CROSS SECTIONS: STA 110+00 TO STA 112+50
- BID ALTERNATE 1

DRAWING
C-14



DESIGNED BY: MAG	ISSUED FOR BIDDING	NO.	DATE
CAD COORD: MRL	ISSUED FOR BIDDING		JCE 3/17
CHECKED BY: MAG	DRAFT PS&E SUBMISSION		JJC 9/16
DATE: 3-30-17			
APPROVED BY: JCE			
DATE: 3-30-17			
PROJECT NO: 12533A			



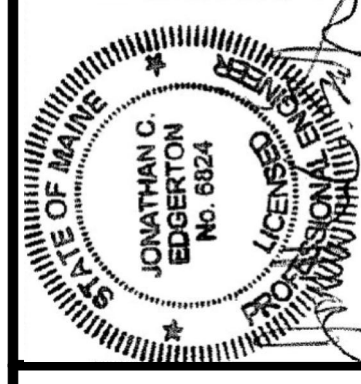
CROSS SECTIONS
SCALE: 1"=5'

TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME

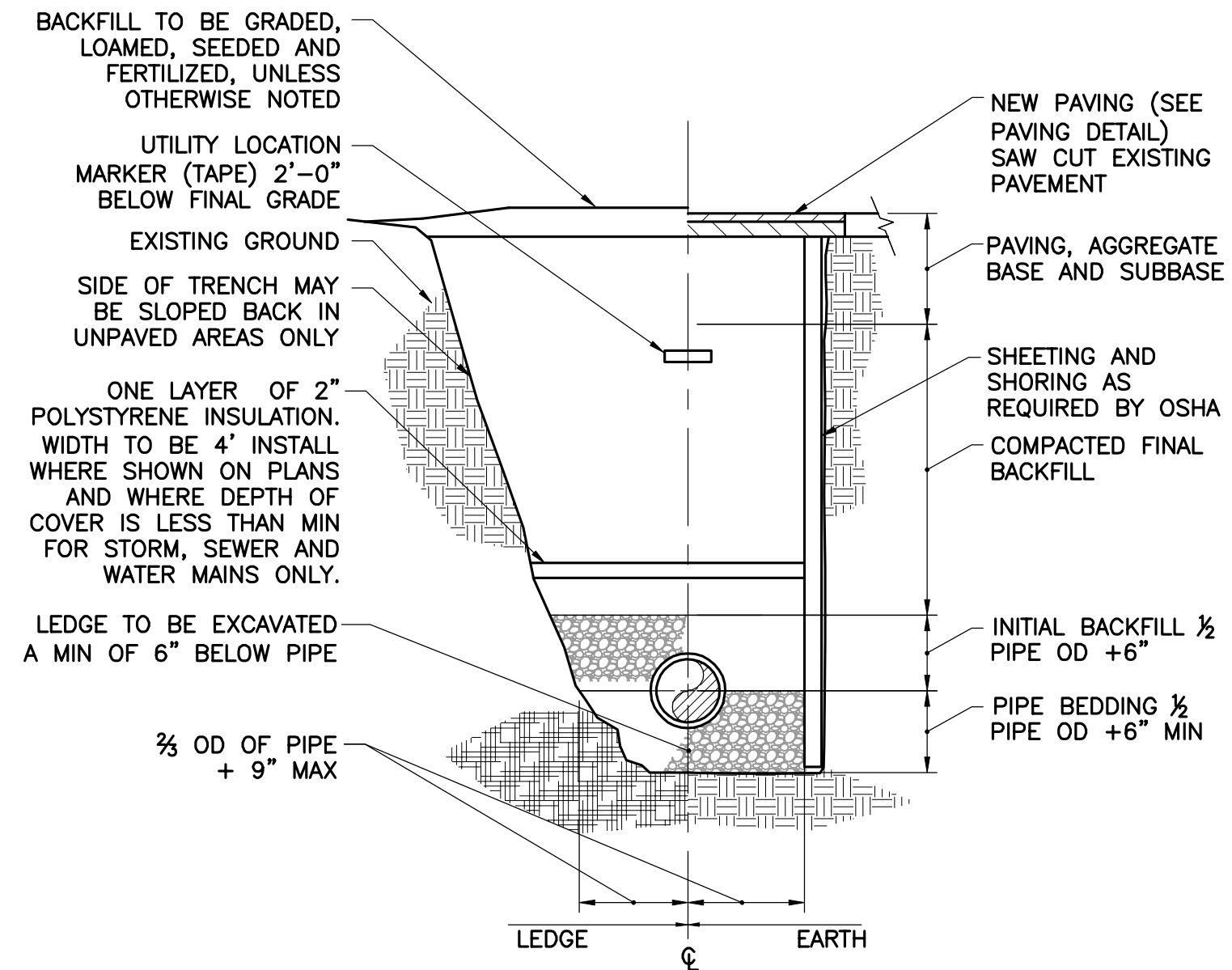
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DRAWING
C-17

CROSS SECTIONS: STA 126+00 TO STA 127+00
- BID ALTERNATE 2

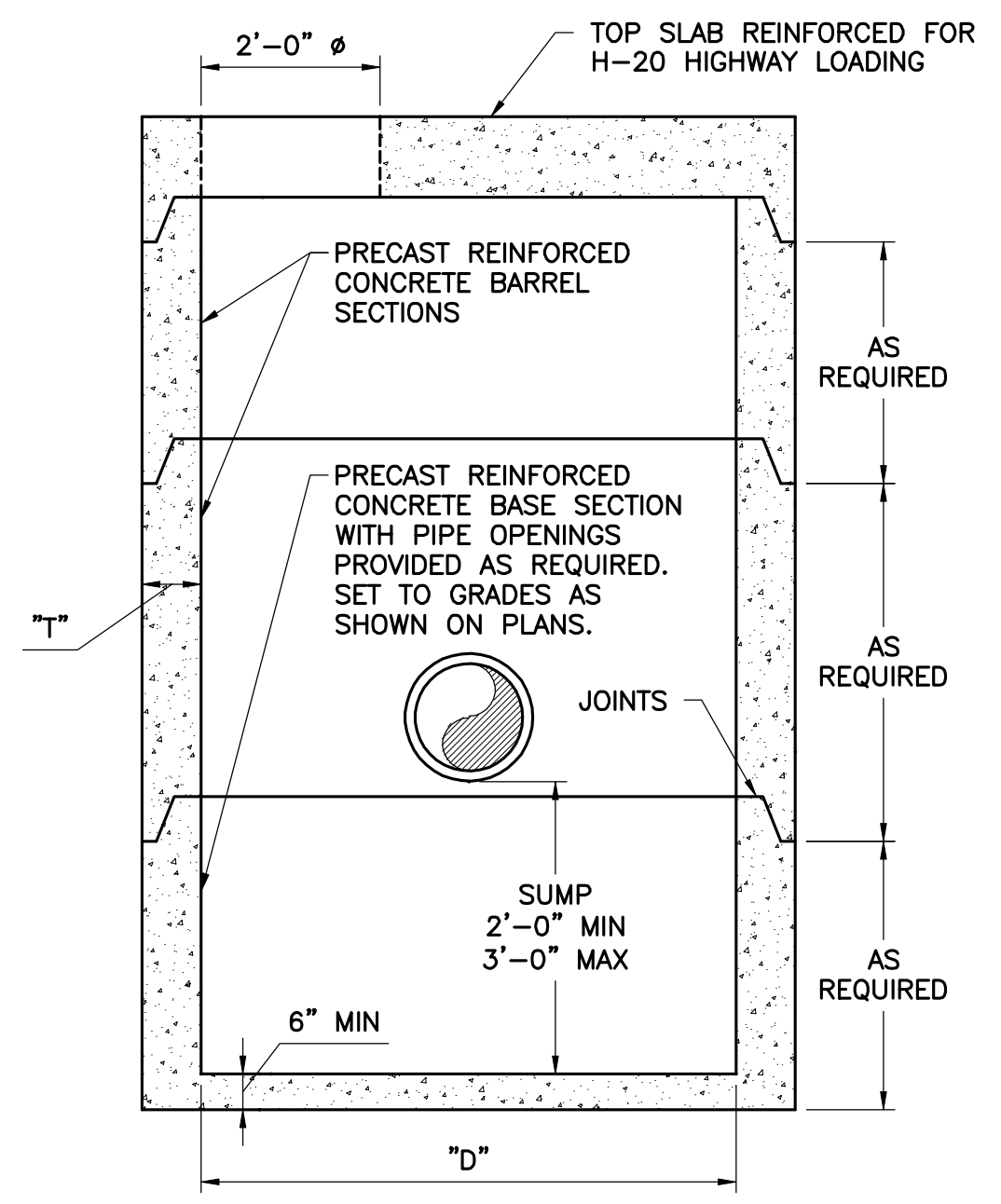


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CAD COORD.: MRL	ISSUED FOR BIDDING	NO.	DATE
CHECKED BY: MAG	DRAFT PS&E SUBMISSION	NO.	DATE
DATE: 3-30-17		NO.	DATE
APPROVED BY: JZC		NO.	DATE
DATE: 3-30-17		NO.	DATE
PROJECT NO: 12533A		NO.	DATE



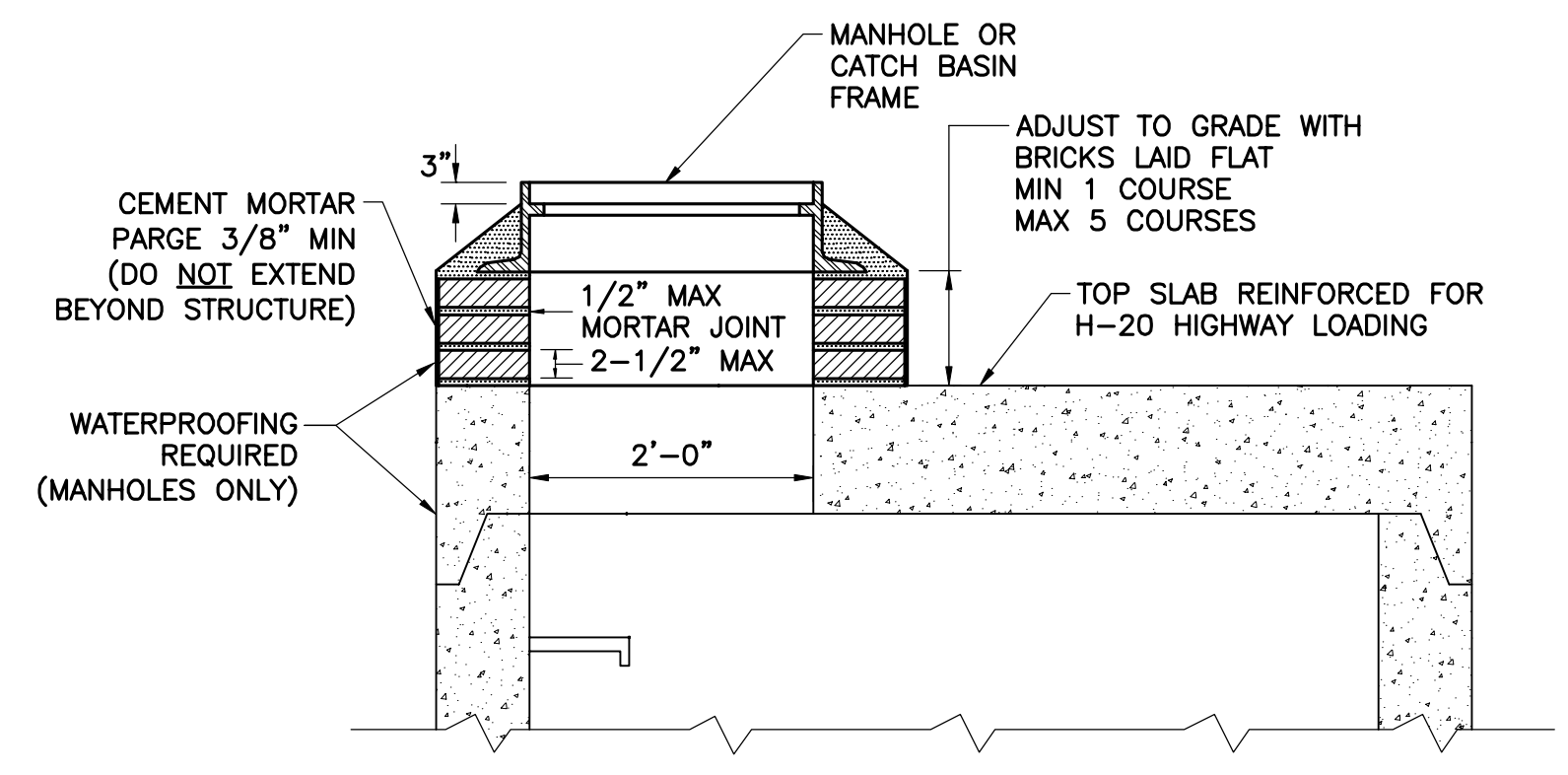
- NOTES:**
- ALL EXCAVATION MUST MEET OSHA STANDARDS.
 - INSTALL 3 FOOT LONG IMPERVIOUS MATERIAL DAM IN BEDDING/INITIAL BACKFILL MATERIAL EVERY 100' AND WHERE SHOWN ON PLANS TO PREVENT TRENCH GROUNDWATER FROM BEING CHANNLED ALONG BEDDING/INITIAL BACKFILL.
 - SEE SPECIFICATIONS FOR BEDDING AND BACKFILL REQUIREMENTS.

PIPE TRENCH
NTS

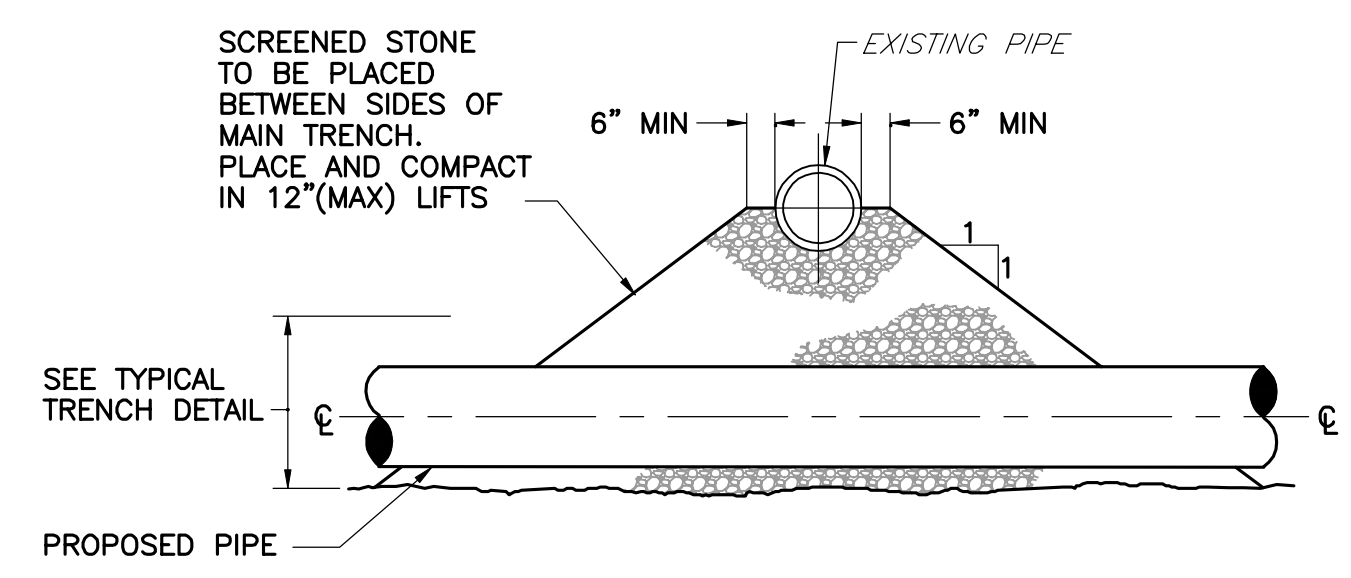


DIAMETER ("D")	MAX PIPE DIAMETER STRAIGHT THRU TO 45° DEFLECTION	MINIMUM WALL THICKNESS ("T")
48"	UP TO 30" O.D.	5"
60"	UP TO 44" O.D.	6"
72"	UP TO 51" O.D.	7"
96"	UP TO 72" O.D.	9"

FLAT SLAB TOP CATCH BASIN
NTS

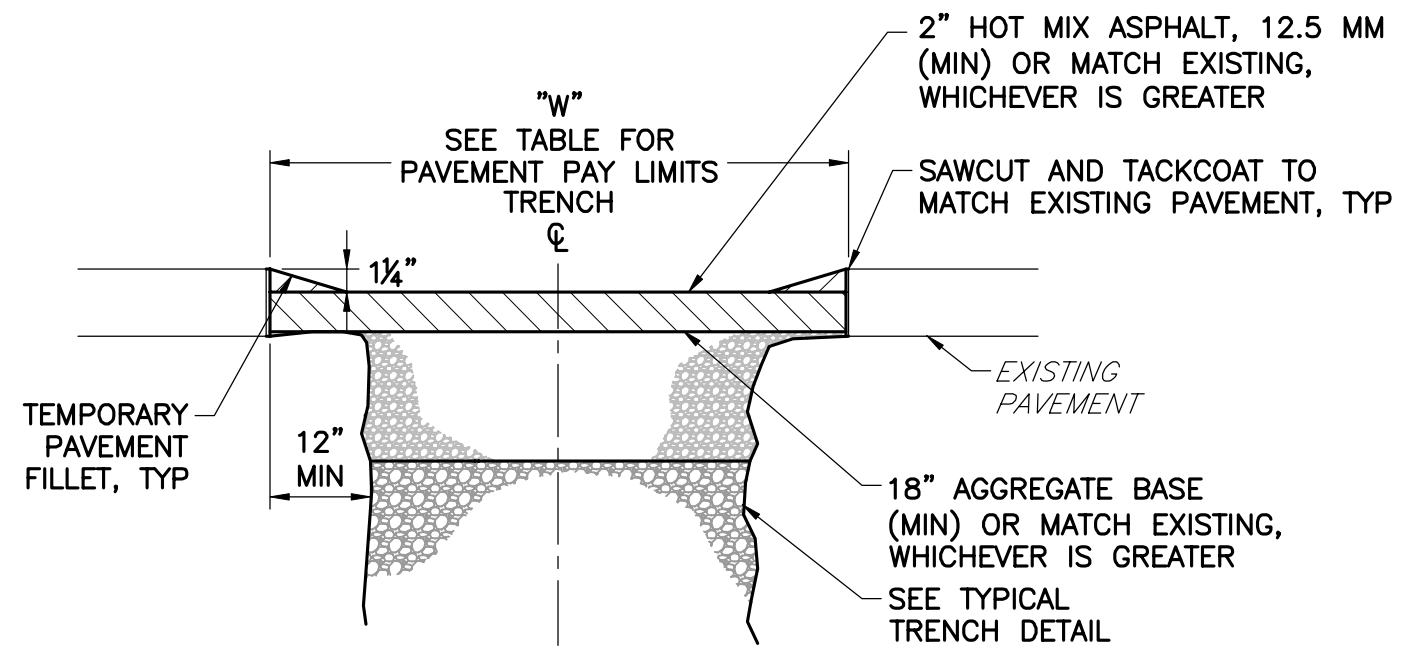


FLAT SLAB TOP MANHOLE AND CATCH BASIN FRAME INSTALLATION
NTS



NOTE:
JOINTS ON EACH PIPE TO BE AS FAR FROM INTERSECTION AS POSSIBLE

PIPE CROSSING
NTS

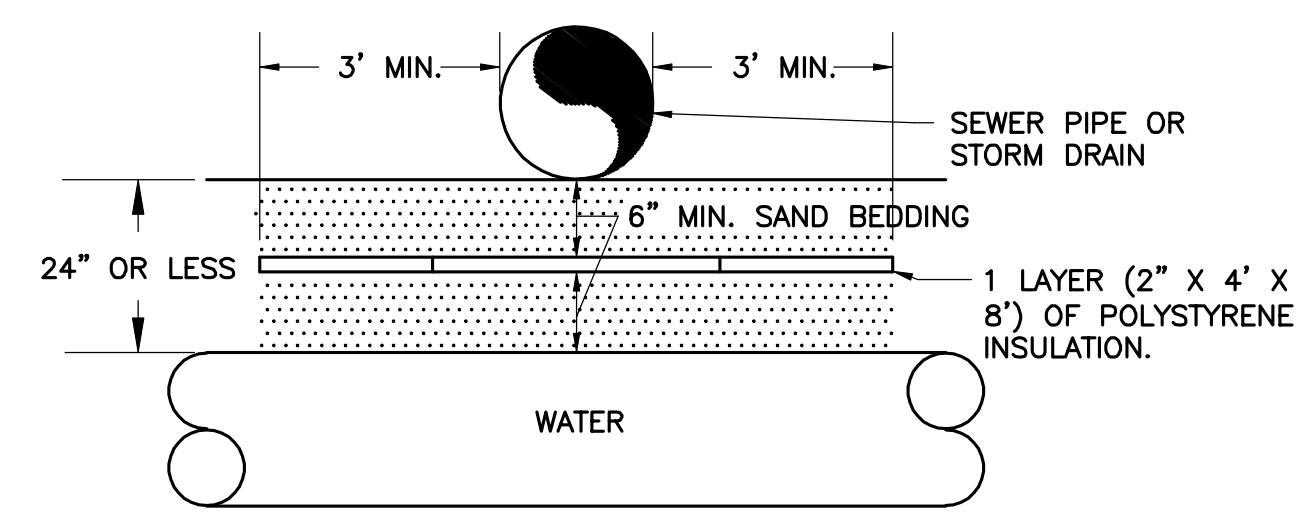


PAVEMENT PAY LIMITS

PIPE I.D.	"W" (FOR 0' - 10' DEEP)
6" - 15"	7'-0"
16" - 21"	8'-0"

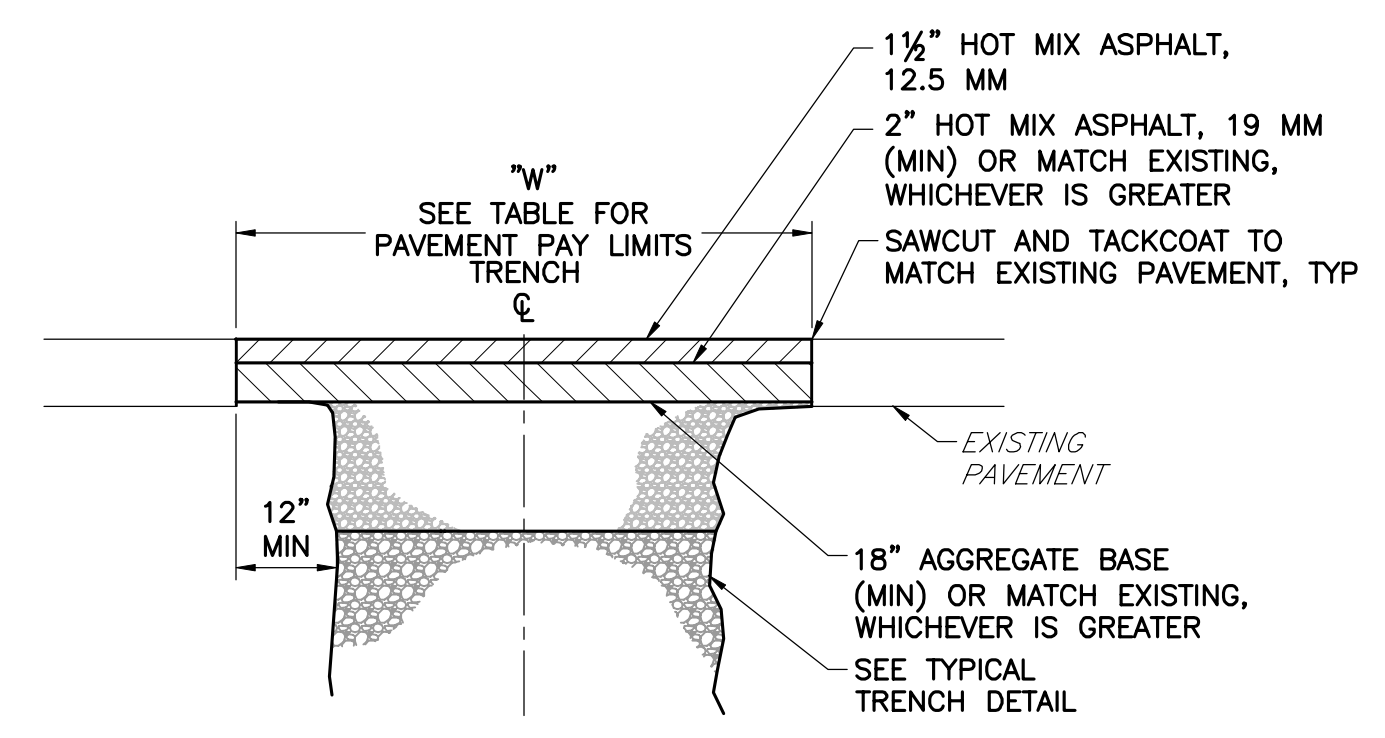
"W" SHALL BE INCREASED BY 1'-0" FOR TRENCHES 10' - 15', AND BY 2'-0" FOR TRENCHES 15' - 20' DEEP.

INITIAL TRENCH PAVING (WITHOUT OVERLAY)
SCALE: "NTS"



- NOTES:**
- INSULATION TO BE USED WHERE VERTICAL OR HORIZONTAL PIPE SEPARATION IS 24" OR LESS.
 - WATER MAINS OR SERVICES WITHIN 4 FEET HORIZONTALLY OF ANY CULVERT OR STORM DRAIN PIPE SHALL HAVE INSULATION.

CULVERT/STORM DRAIN CROSSING DETAIL
NTS

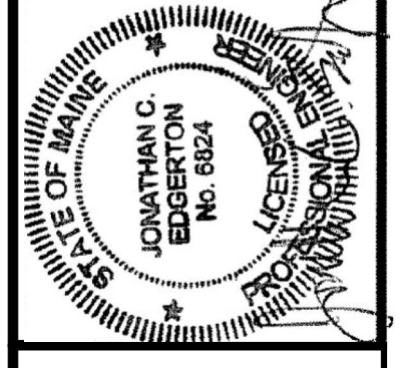


NOTE: INITIAL TRENCH PAVING MAY BE USED AS THE BASE COURSE FOR FINAL PAVING IF IN GOOD REPAIR.

FINAL TRENCH PAVING (WITHOUT OVERLAY)
SCALE: "NTS"

NO.	ISSUED FOR BIDDING	DATE
1	ISSUED FOR BIDDING	3/17
2	DRAFT PS&E SUBMISSION	9/16

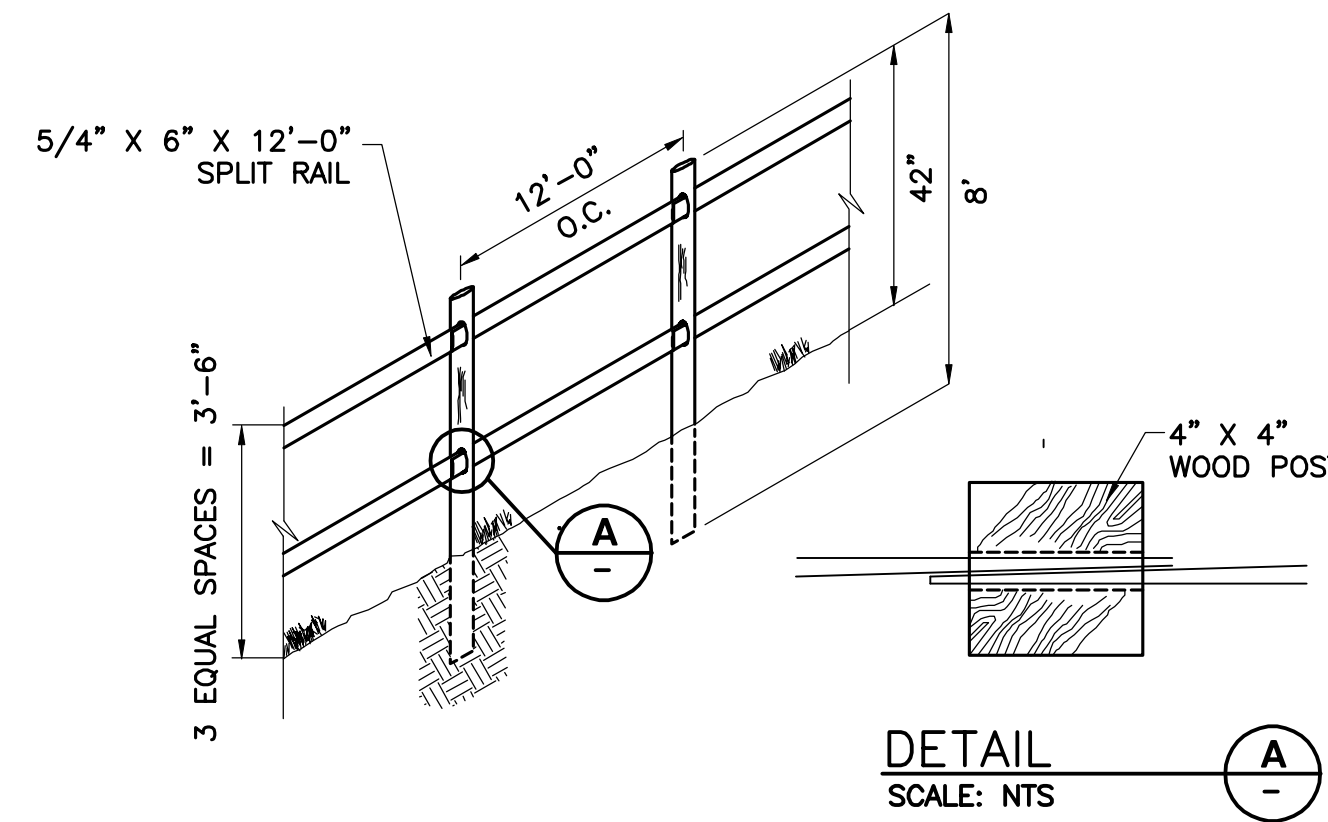
DESIGNED BY: MAG	CAD COORD: MRL	CHECKED BY: MAG	APPROVED BY: JZC
PROJECT NO: 125333A			



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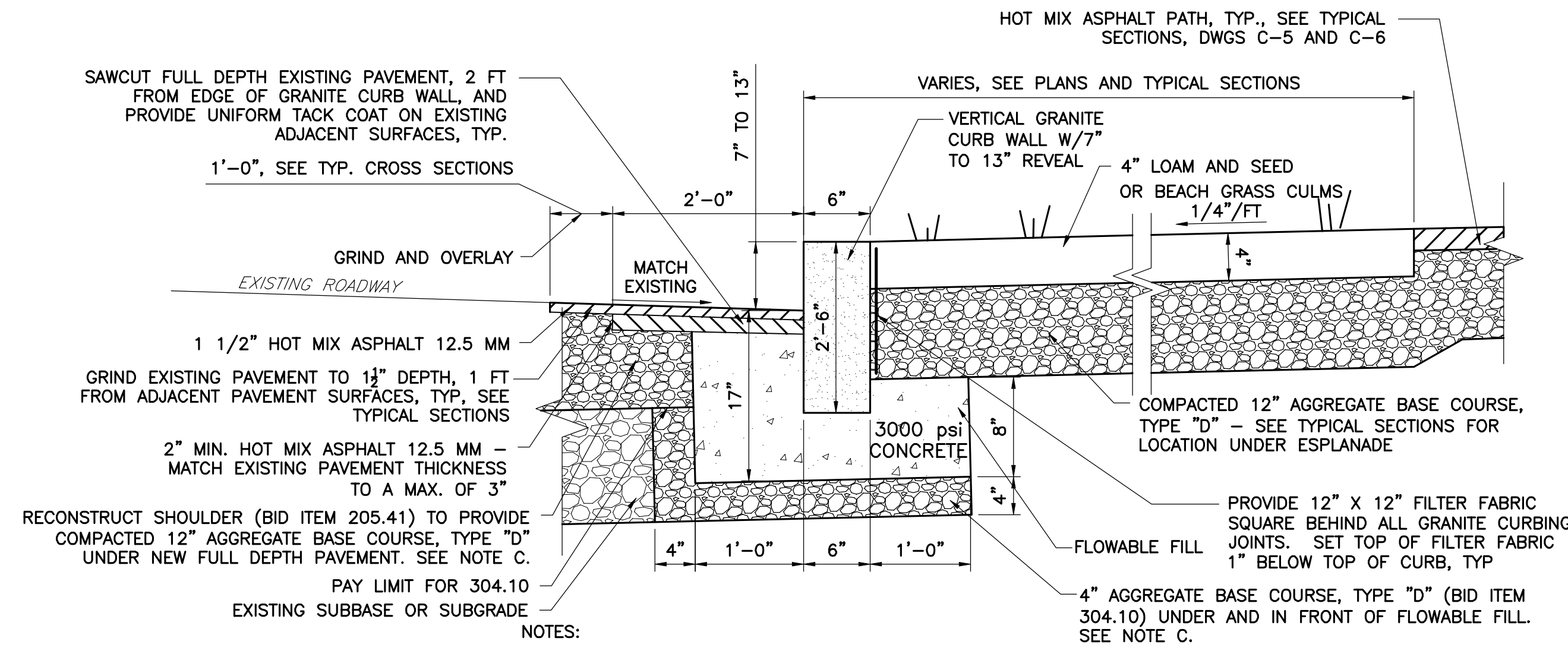
TOWN OF KITTERY
ROUTE 1 SHARED USE PATH
KITTERY, ME

DETAILS I
- BID ALTERNATE 1 & 2



- NOTE:**
1. ALL WOOD MATERIALS SHALL BE NORTHERN WHITE CEDAR
 2. PROVIDE TERMINAL SECTION AT BEGINNING AND END OF FENCE RUN. ON TERMINAL SECTIONS, THERE SHALL BE NO OUTSIDE POST. THE LOWER RAIL SHALL REST ON THE GROUND, AND THE TOP RAIL SHALL REST ON THE LOWER RAIL.

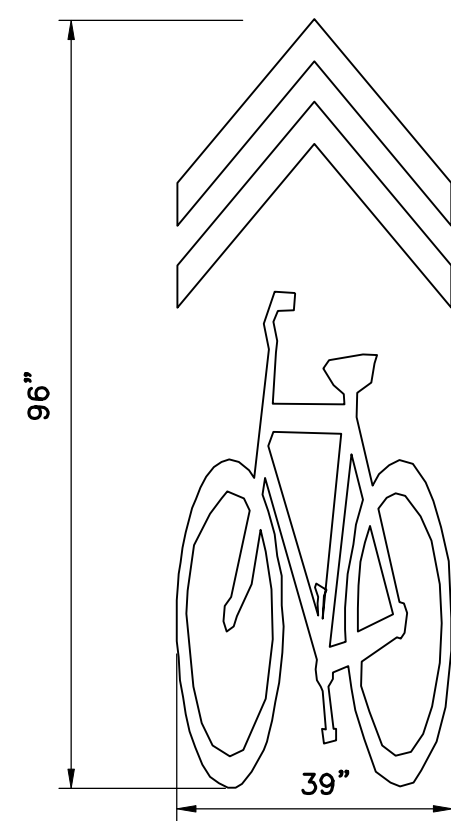
CEDAR FENCE
NTS



- NOTES:**
- A. CONCRETE FILL MIX PROPERTIES SHALL BE PROPORTIONED TO A MINIMUM STRENGTH OF 3000 PSI AT 28 DAYS.
 - B. SHOULDER - SLOPED TO DRAIN MATCH EXISTING ROAD GRADE - CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO CREATE DEPRESSIONS IN PAVEMENT THAT RESULT IN PUDDLING.
 - C. EXISTING SUITABLE AGGREGATE MATERIAL MAY BE INCORPORATED INTO SHOULDER RECONSTRUCTION AND AROUND FLOWABLE FILL AS APPROVED BY RESIDENT

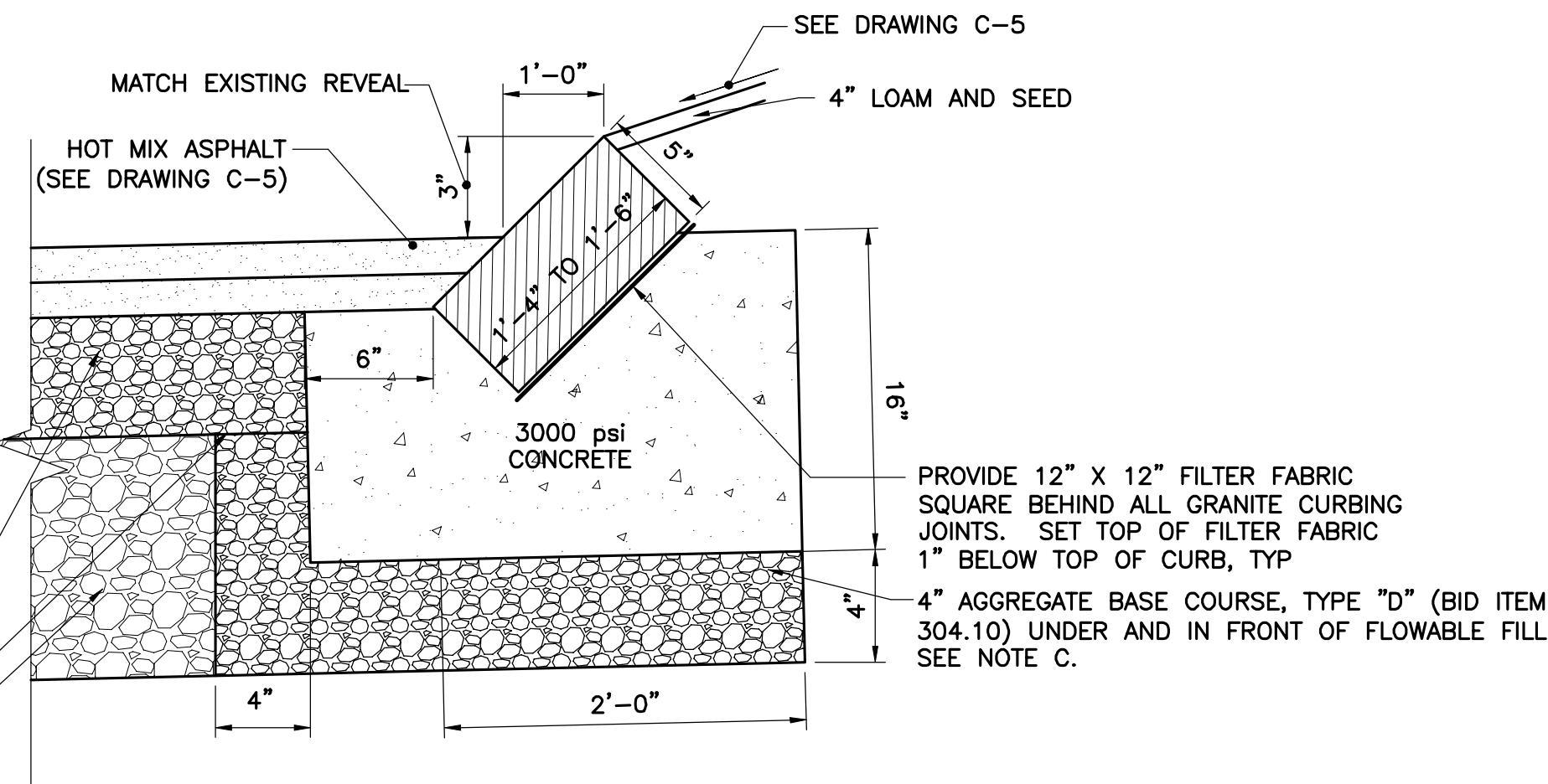
NOTE: ADJOINING STONES SHALL HAVE THE SAME OR APPROXIMATELY THE SAME LENGTH.

VERTICAL GRANITE CURB WALL WITH ESPLANADE DETAIL
NTS



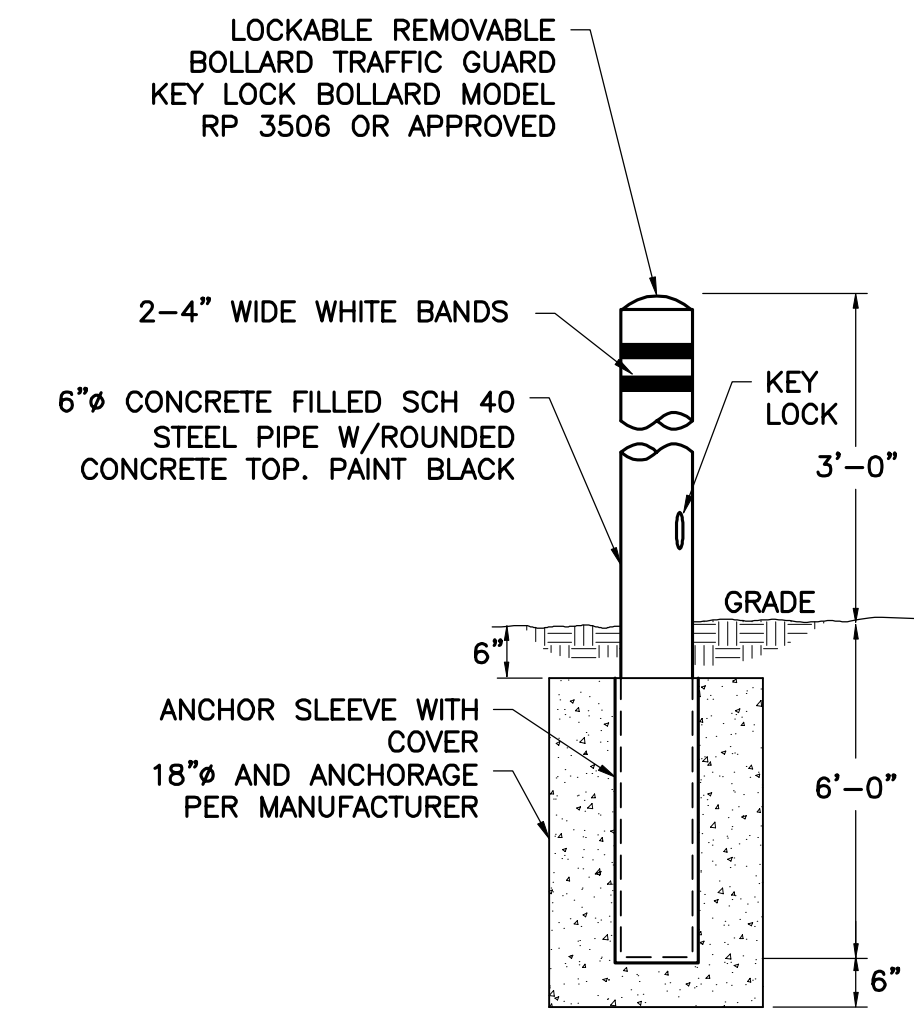
- NOTE:**
1. SHARED LANE MARKINGS (SLM'S) SHALL BE PAINTED USING THE TOWN OF KITTELY'S SHARED LANE MARKING TEMPLATE. DIMENSIONS DO NOT MATCH THOSE INCLUDED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION.
 2. TOTAL LENGTH OF ADAMS DRIVE IS APPX. 1,700 LF. 6 PAIRS OF SLM'S ARE REQUIRED. A PAIR OF SLM'S SHALL BE PAINTED APPX. EVERY 250' FEET ALONG THE FULL LENGTH OF ADAMS DRIVE, FACING THEIR RESPECTIVE DIRECTION OF TRAVEL, WITH THE FIRST PAIR OF SLM'S PLACED 250' FROM THE INTERSECTION OF ADAMS DRIVE AND ROUTE 1.
 3. CENTER OF SHARED LANE MARKING SHALL BE 4 FEET FROM EXISTING CURB/EDGE OF ROADWAY.

SHARED LANE MARKING - ADAMS DRIVE
NTS

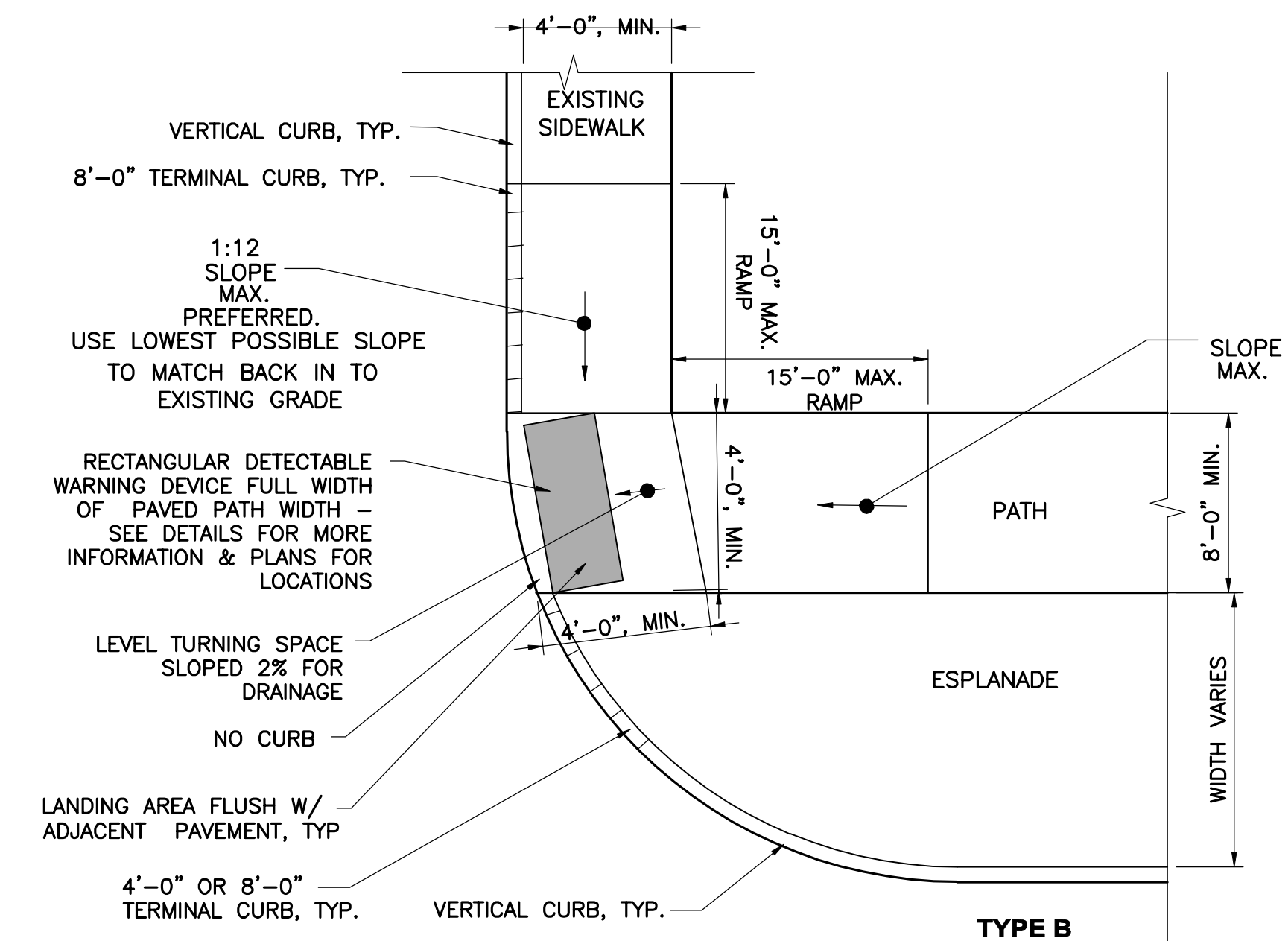
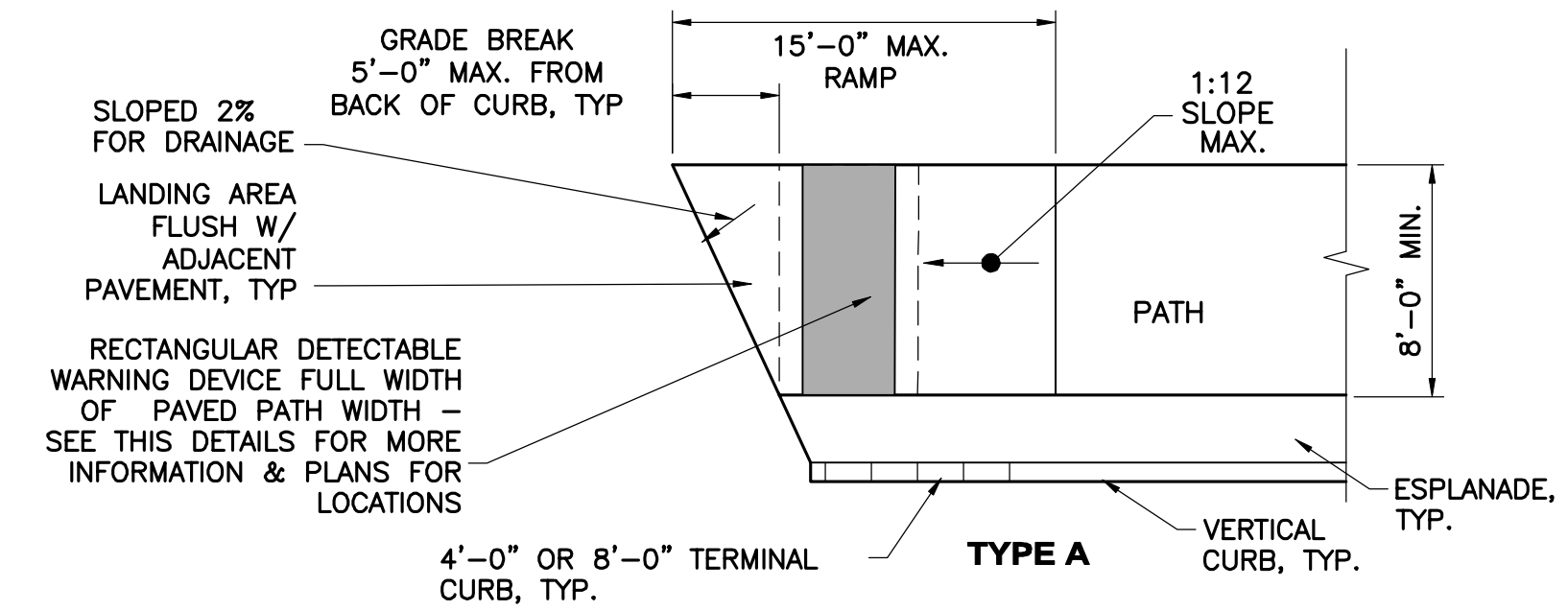


- NOTES:**
- A. CONCRETE FILL MIX PROPERTIES SHALL BE PROPORTIONED TO A MINIMUM STRENGTH OF 3,000 PSI AT 28 DAYS.
 - B. SHOULDER - SLOPED TO DRAIN MATCH EXISTING ROAD GRADE - CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO CREATE DEPRESSIONS IN PAVEMENT THAT RESULT IN PUDDLING.
 - C. EXISTING SUITABLE AGGREGATE MATERIAL MAY BE INCORPORATED INTO SHOULDER RECONSTRUCTION AND AROUND FLOWABLE FILL AS APPROVED BY RESIDENT
 - D. THERE ARE PLACES WHERE AN ESPLANADE IS BEING DEMOLISHED AND REPLACED WITH FULL DEPTH PAVEMENT. IN THESE AREAS, THE 12" AGGREGATE BASE COURSE TYPE "D" UNDER NEW PAVEMENT IS ACCOUNTED FOR UNDER THE BID ITEM NUMBER 304.10

SLOPED GRANITE CURB WITH ESPLANADE DETAIL
NTS



REMOVABLE BOLLARD
NTS

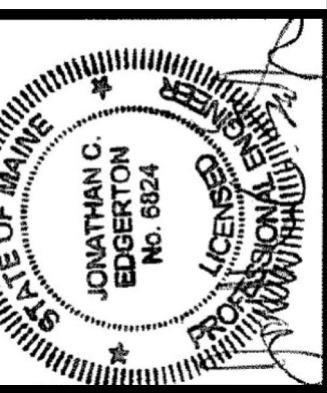


- NOTE:**
1. RAMPS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).
 2. INSTALL DETECTABLE WARNING DEVICES AT ALL ROADWAYS, HIGH USE ACCESS WAYS, OR AT THE DIRECTION OF THE ENGINEER.
 3. THE MAXIMUM RUNNING SLOPE OF ANY TRANSITION RAMP IS 12:1. THE MAXIMUM CROSS SLOPE IS 2%.
 4. TRANSITIONS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. ROADWAY SHOULDER SLOPES ADJOINING TRANSITION RAMPS SHALL BE A MAXIMUM OF 5% (FULL WIDTH) FOR A DISTANCE OF 600 MM (2 FT) FROM THE ROADWAY CURBLINE.
 5. INTERCEPT DRAINAGE ALONG THE CURB IN ADVANCE OF TRANSITION RAMPS OF LANDINGS, MANHOLES, CATCH BASINS, ETC. SHALL NOT BE LOCATED IN, OR AT THE BASE OF, TRANSITION RAMPS OR LANDINGS.
 6. THE BOTTOM OF THE TRANSITION RAMP OR LANDING, EXCLUSIVE OF THE FLARED SIDES, SHALL BE WHOLLY CONTAINED WITHIN THE CROSSWALK MARKINGS.
 7. PROVIDE PAVED RAMP AT DRIVEWAYS, WHERE ESPLANADE IS 2'-6" OR NARROWER.
 8. PROVIDE PAVED TRANSITION RAMP AT END OF ALL SIDEWALK SEGMENTS.
 9. IF CONSTRAINED ON TWO OR MORE SIDES, LEVEL TURN SPACE SHALL BE 4'-0" MIN. BY 5'-0" MIN. THE 5'-0" MIN. DIMENSION SHALL BE IN THE DIRECTION PARALLEL TO THE CURBLINE.

TRANSITION RAMP
NTS

NO.	ISSUED FOR BIDDING	DATE
JCE	3/17	
JJC	9/16	

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TOWN OF KITTELY
ROUTE 1 SHARED USE PATH
KITTELY, ME