

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION



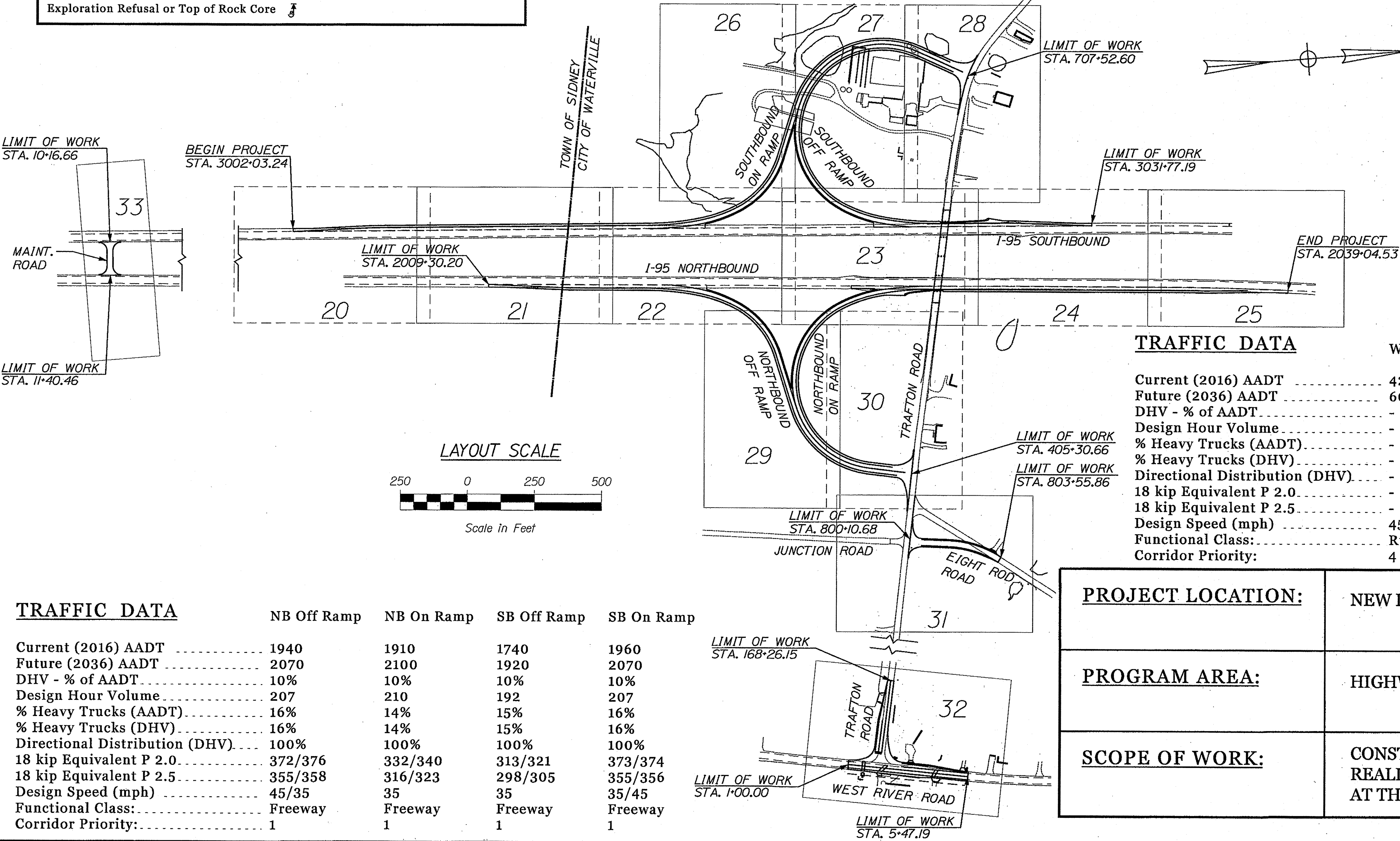
WATERVILLE AND SIDNEY  
KENNEBEC COUNTY  
US INTERSTATE 95 / TRAFTON ROAD INTERCHANGE  
STATE WIN 18129.10  
PROJECT LENGTH: 0.701 MILES

PLAN LEGEND

Town, County, State	Centerline-Existing	
Property Lines	Centerline-Proposed	
R/W Lines-Existing	Travelway-Existing	
R/W Lines-Proposed	Travelway-Proposed	
Culvert-Existing	Railroad	
Culvert Proposed	Catch Basins	Existing Proposed
Curbing	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	Existing San. Sewer	
Tree Line	Existing San. Sewer Manhole	
Clearing Limit Line	Guardrail-Existing	
Cut Slope Limit Line	Guardrail-Proposed	
Fill Slope Limit Line	Guardrail-Cable, Other	
Test Boring	Wire Fencing	
Test Probe	Detection Camera with Pole	
Bottom of Exploration, No Refusal		
Exploration Refusal or Top of Rock Core		

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-9
Estimated Quantities	10
Drainage Summary	11
General Notes	12
Construction Notes	13-14
Pier Protection Details	15-18
Boring Location Plan	19
Plans	20-33
Profiles	34-57
Geometric Layout	58
Grading Plans	59-61
Cross - Sections	62-141
Lighting Plans	142-146
Signs and Pavement Markings	147-171
Right of Way Map	172-182
Trafton Road Bridge Beam Replacement	B1-B10



TRAFFIC DATA

	West River Rd	Trafton Rd	Eight Rod Rd	Junction Rd	I-95 NB	I-95 SB
Current (2016) AADT	4230	6250	210	150	13,420	13,480
Future (2036) AADT	6090	7140	200	160	14,410	14,890
DHV - % of AADT						
Design Hour Volume						
% Heavy Trucks (AADT)						
% Heavy Trucks (DHV)						
Directional Distribution (DHV)						
18 kip Equivalent P 2.0						
18 kip Equivalent P 2.5						
Design Speed (mph)	45	35	30	45	70	70
Functional Class:	Rural Collector	Rural Collector	Rural Local	Rural Local	Freeway	Freeway
Corridor Priority:	4	4	6	6	1	1

PROJECT LOCATION:

NEW I-95 INTERCHANGE AT TRAFTON ROAD

PROGRAM AREA:

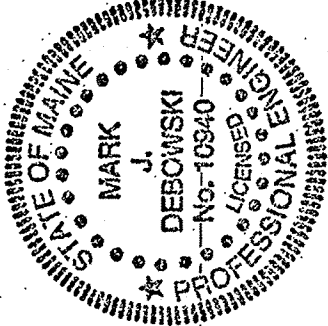
HIGHWAY PROGRAM

SCOPE OF WORK:

CONSTRUCT FOUR NEW INTERCHANGE RAMPS.  
REALIGNMENT OF EIGHT ROD ROAD. INTERSECTION IMPROVEMENTS  
AT THE TRAFTON ROAD / WEST RIVER ROAD INTERSECTION.

EDA AWARD  
#01-01-14588

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER	2016.03.10	6/9/16
CHIEF ENGINEER	Steve Hall	6-9-16



PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	ERNE MARTIN	MARK DEBOWSKI	STANTEC				

PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	ERNE MARTIN	MARK DEBOWSKI	STANTEC				

WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	TITLE SHEET
---	-------------

SHEET NUMBER

1

OF 182

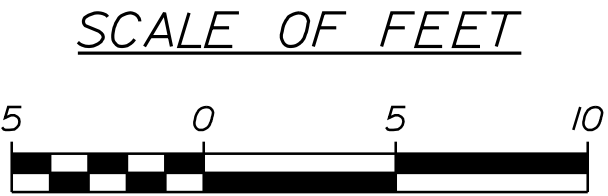
WIN 18129.10

Date: 5/16/2016

Username: mdebowski

Division: HIGHWAY

Filename: ...\\10\\HIGHWAY\\MST\\AV001\_Title.dgn

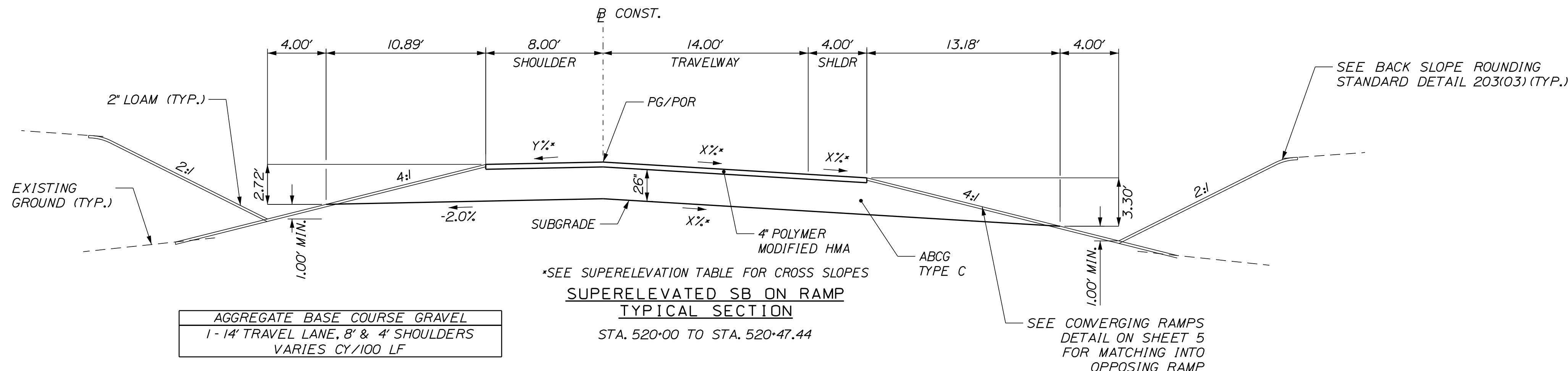
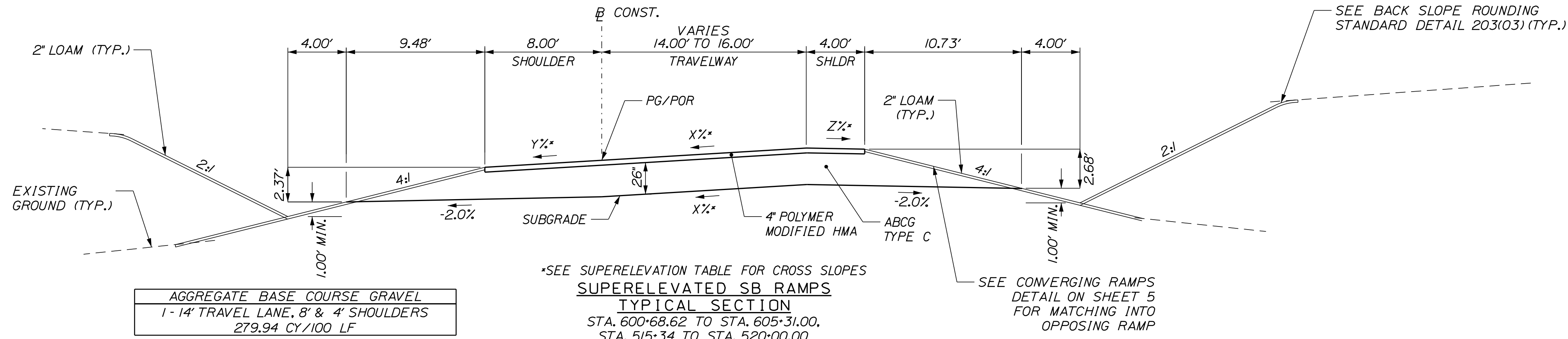
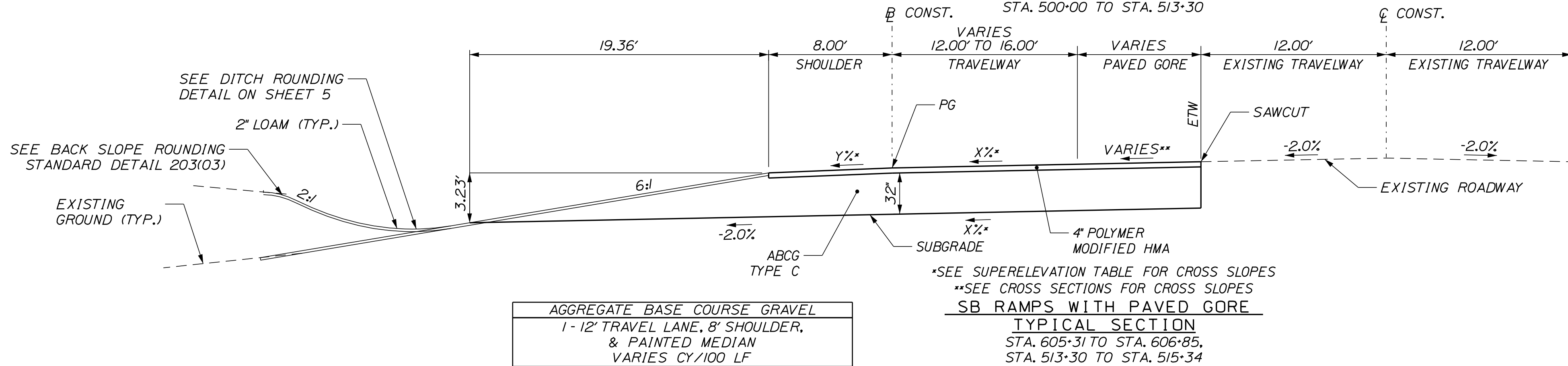
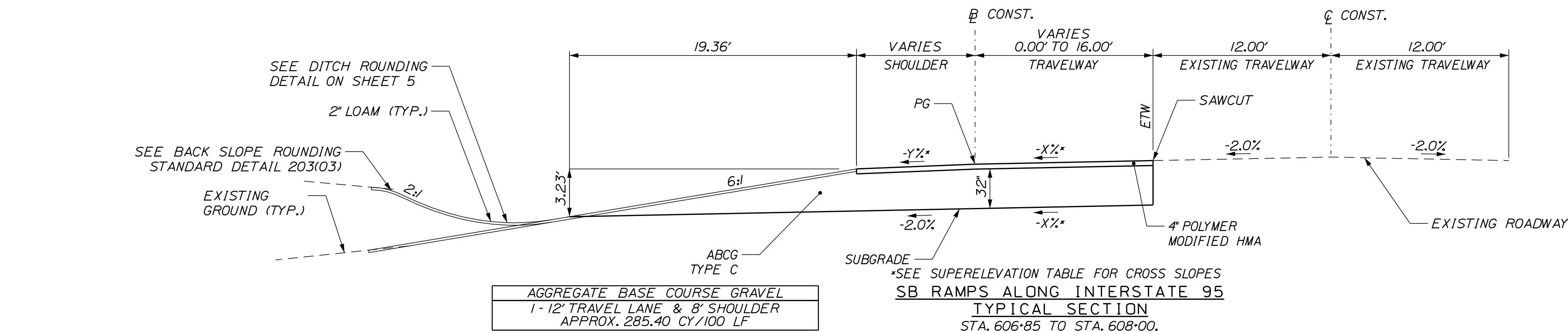


Date: 4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \MSTAN003\_Typical\_Sections.dgn



SCALE OF FEET



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
18129.10  
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	M. DEBOWSKI
CHECKED-REVIEWED	S. BARALIS
DESIGN DETAILER	R. LEMIRE
REVISIONS	1
REVISIONS	2
REVISIONS	3
REVISIONS	4
FIELD CHANGES	

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

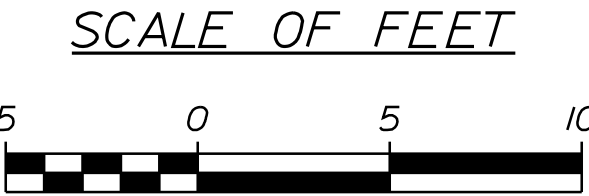
TYPICAL SECTIONS

SHEET NUMBER

3

OF 182





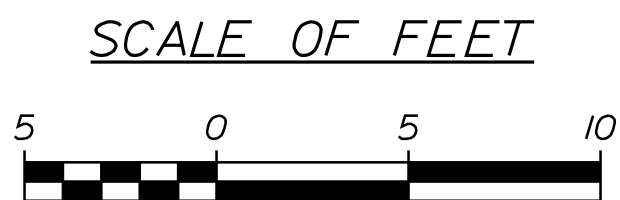
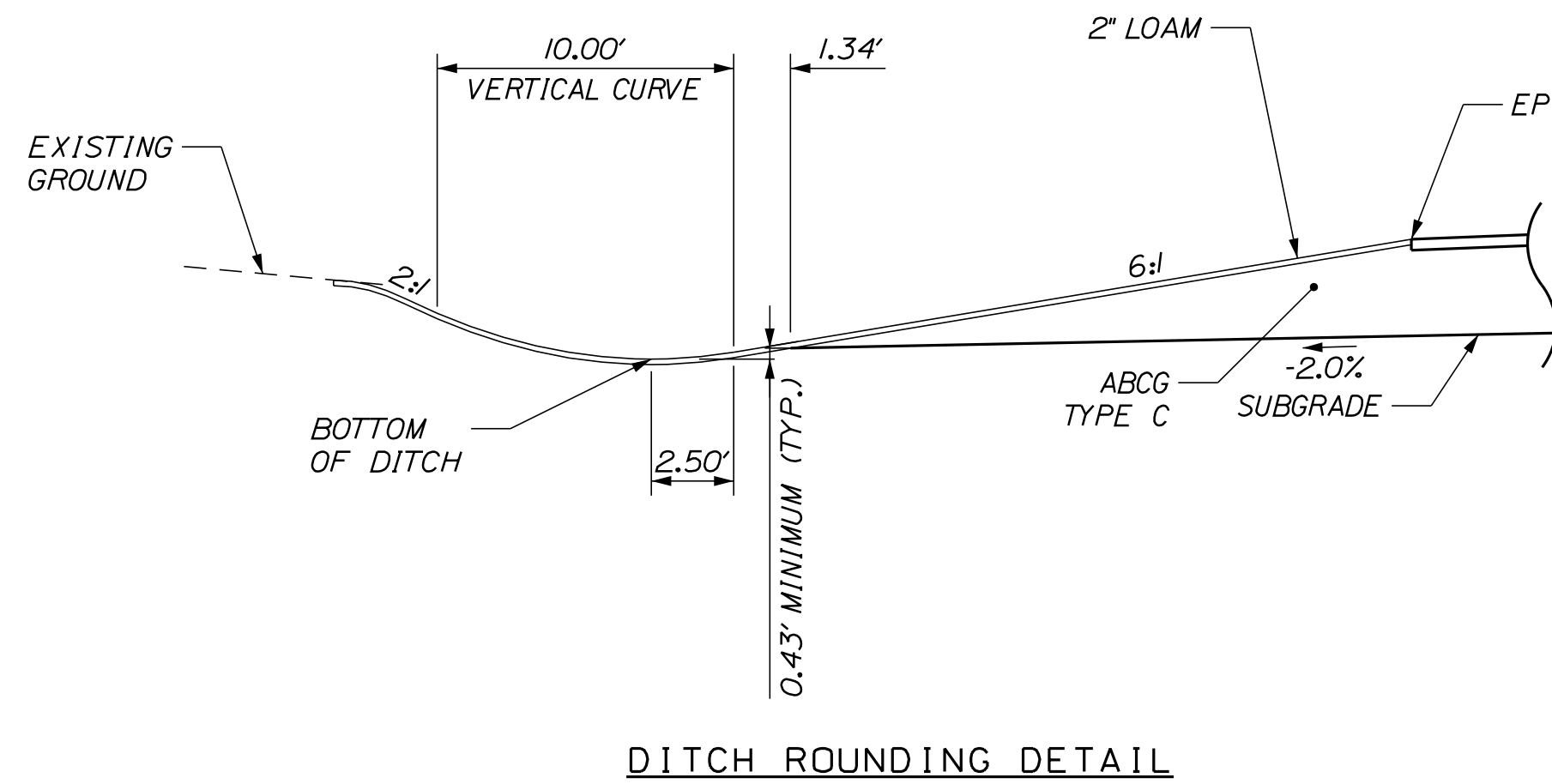
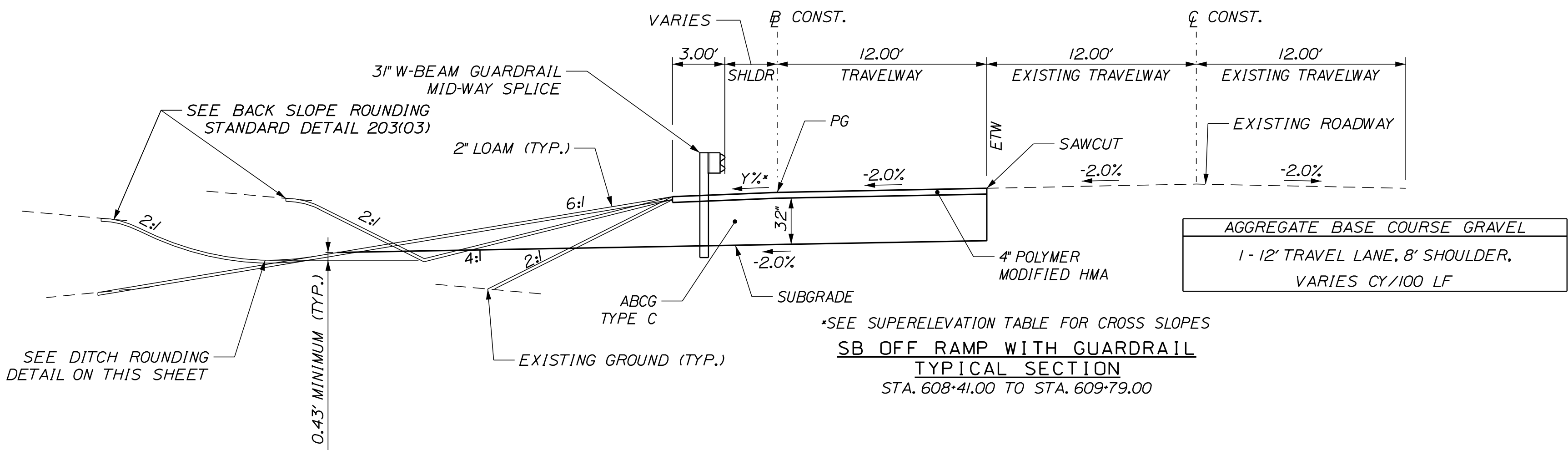
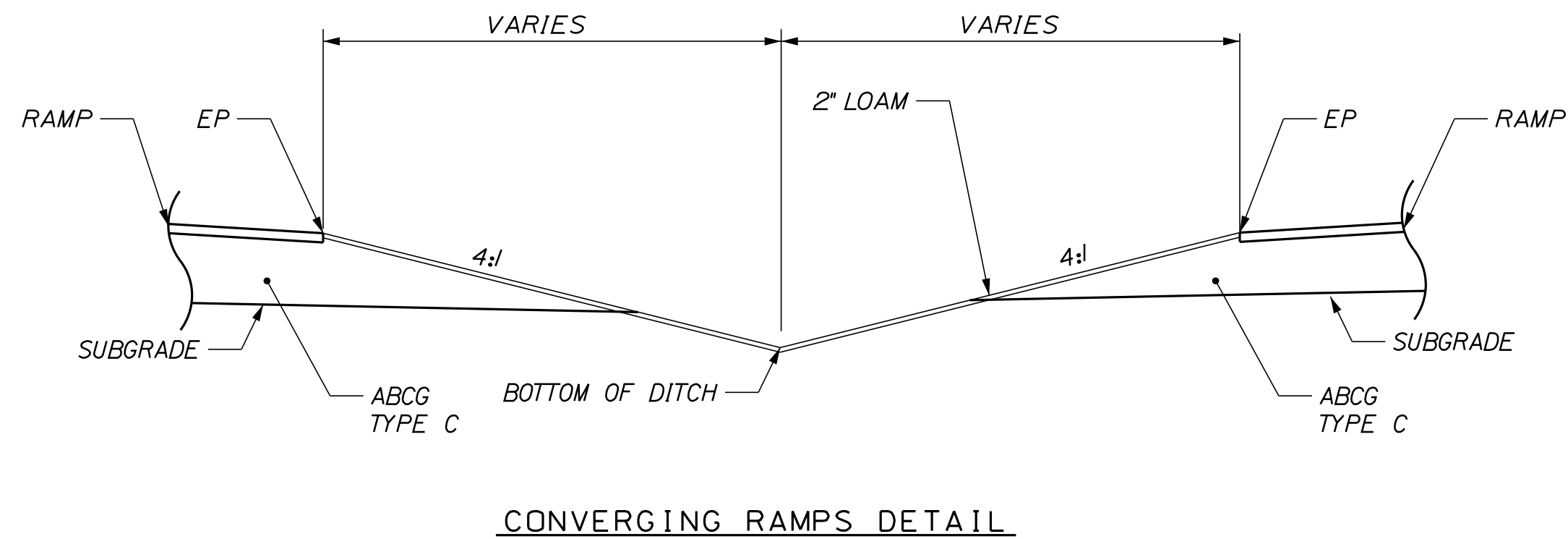
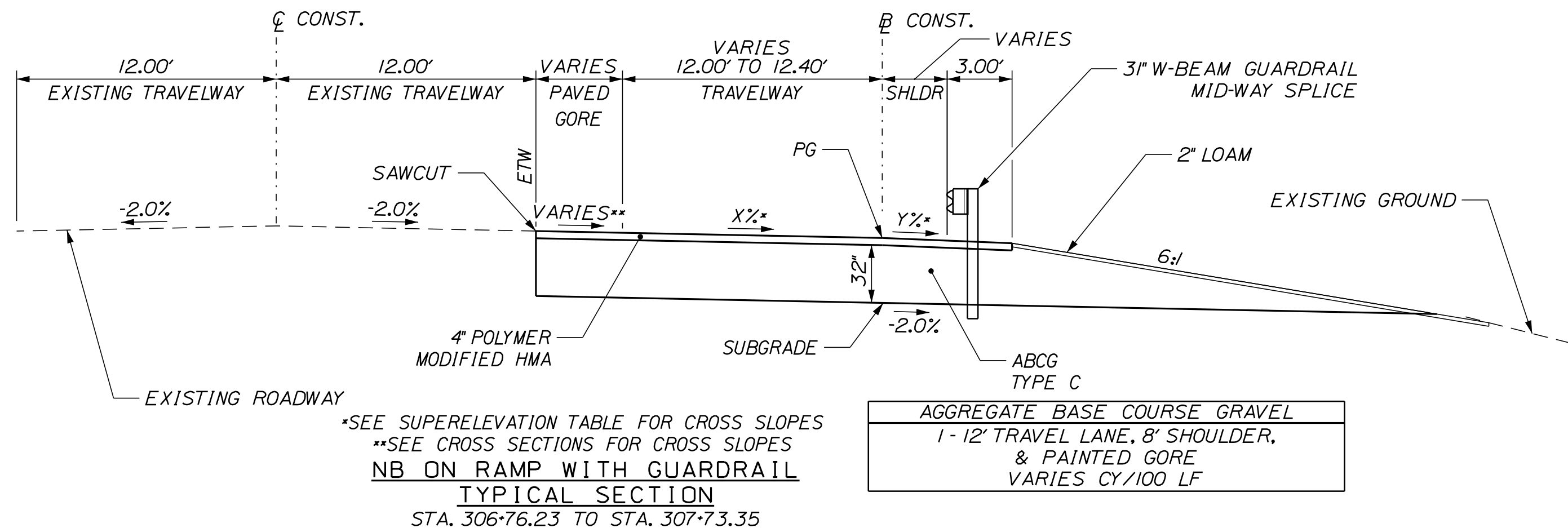
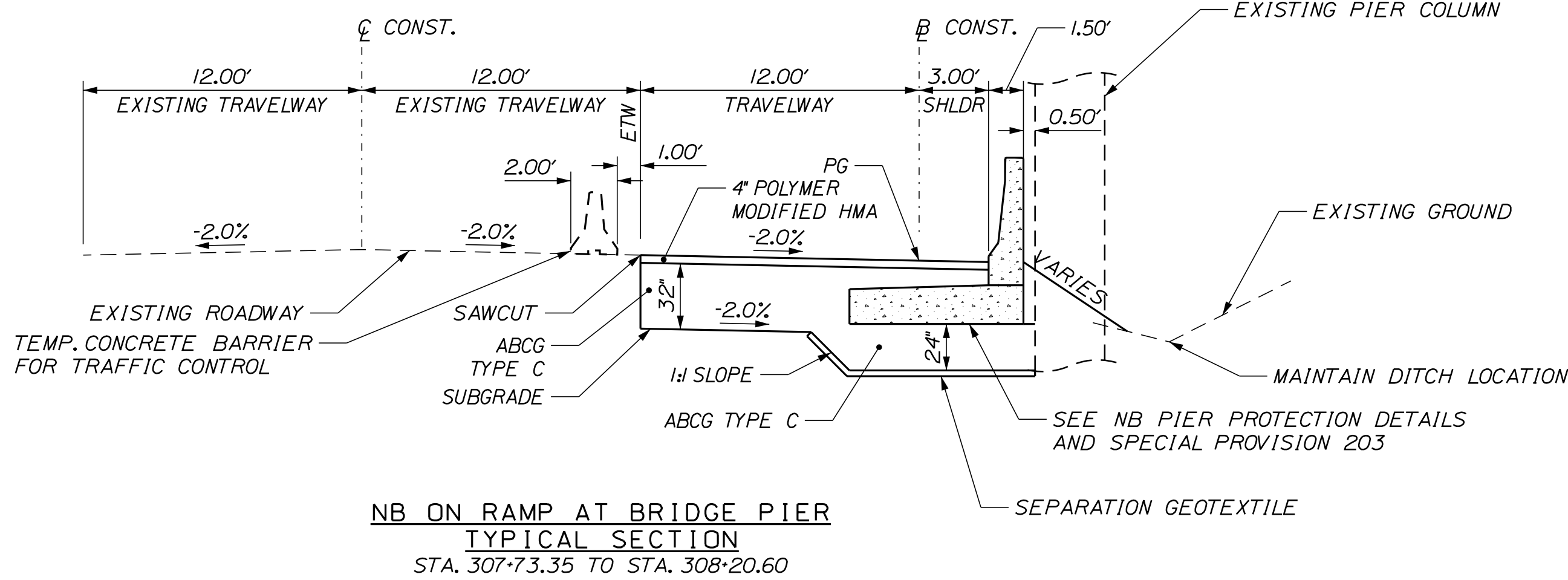
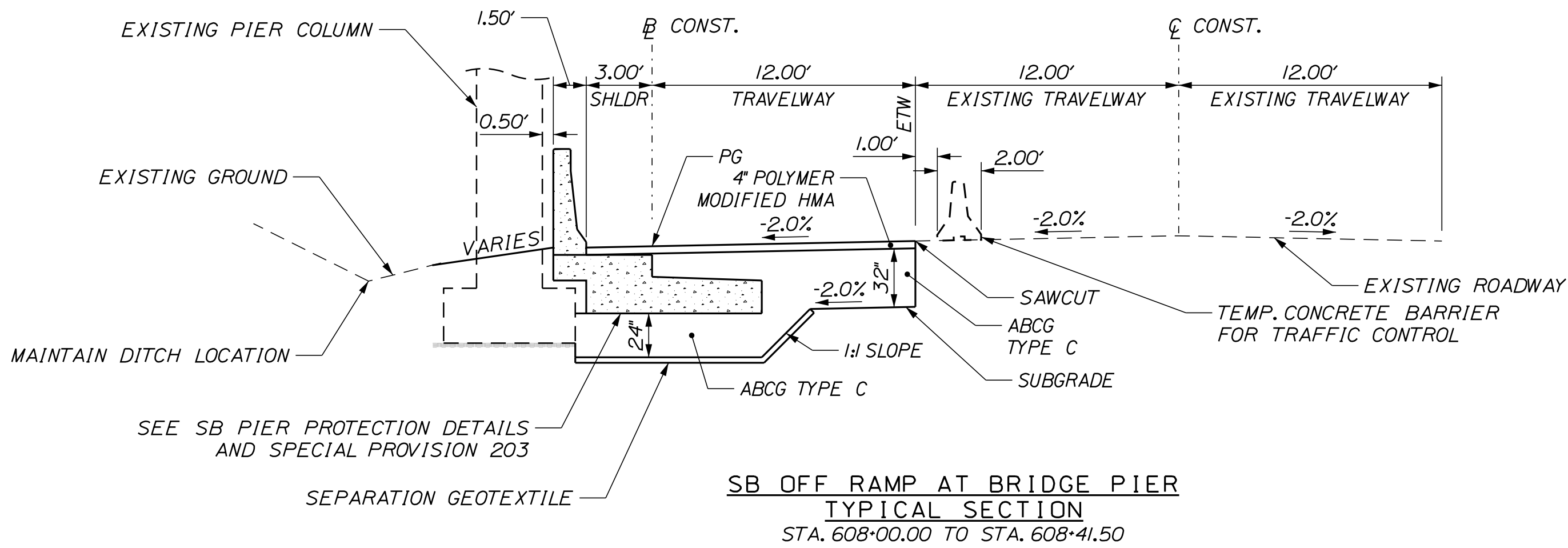


Date: 4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \MSTAD005\_Typical\_Sections.dgn



NB OFF RAMP - SUPERELEVATION TABLE			
LT. SHOULDER	STATION (BASELINE IS RIGHT TRAVEL WAY)	RAMP	RT. SHOULDER
N/A	200+00	2.0	-4.0
	TO		
N/A	205+50	2.0	-4.0
N/A	206+00	4.0	-4.0
N/A	206+50	6.0	-6.0
	TO		
N/A	208+00	6.0	-6.0
4.0	208+10	6.0	-6.0
2.4	208+50	6.0	-6.0
0.4	209+00	6.0	-6.0
-1.6	209+50	6.0	-6.0
-2.0	209+60	6.0	-6.0
	TO		
-2.0	211+50	6.0	-6.0
-2.0	212+00	4.0	-4.0
-4.0	212+50	2.0	-4.0
-4.0	213+00	0.0	-4.0
-4.0	213+06.45	-0.3	-4.0
N/A	213+50	-2.0	-4.0
N/A	213+78.45	-3.1	-2.9

SB OFF RAMP - SUPERELEVATION TABLE			
LT. SHOULDER	STATION (BASELINE IS LEFT TRAVEL WAY)	RAMP	RT. SHOULDER
-6.0	600+00	6.0	N/A
-6.0	600+50	6.0	N/A
-6.0	600+68.61	6.0	-2.0
	TO		
-6.0	604+00	6.0	-2.0
-6.0	604+50	6.0	0.0
-6.0	605+00	6.0	2.0
-6.0	605+50	6.0	4.0
	TO		
-6.0	605+55	6.0	4.0
-6.0	605+55.01	6.0	N/A
	TO		
-6.0	607+00	6.0	N/A
-4.0	607+50	4.0	N/A
-2.0	608+00	2.0	N/A
-2.0	608+50	2.0	N/A
-4.0	609+00	2.0	N/A
	TO		
-4.0	613+64.11	2.0	N/A

NB COMBINED RAMPS - SUPERELEVATION TABLE				
LT. SHOULDER	RAMP LEFT	STATION (BASELINE IS CENTER LINE)	RAMP RIGHT	RT. SHOULDER
-6.0	-6.0	400+00	3.1	-2.9
-6.0	-6.0	400+21.55	4.0	-2.0
-6.0	-6.0	400+50	5.1	-2.0
-6.0	-6.0	400+71.55	6.0	-2.0
		TO		
-6.0	-6.0	402+50	6.0	-2.0
-4.0	-4.0	402+94.44	4.0	-2.0
-4.0	-3.8	403+00	3.8	-2.2
-4.0	-2.0	403+38.89	2.0	-4.0
-4.0	-1.5	403+50	1.5	-4.0
-4.0	0.0	403+83.33	0.0	-4.0
-4.0	0.8	404+00	-0.8	-4.0
-4.0	2.0	404+27.78	-2.0	-4.0
-3.0	3.0	404+50	-3.0	-4.0
-1.4	1.0	405+00	-2.6	-2.7

SB COMBINED RAMPS - SUPERELEVATION TABLE				
LT. SHOULDER	RAMP LEFT	STATION (BASELINE IS CENTER LINE)	RAMP RIGHT	RT. SHOULDER
-2.0	4.8	700+00	-6.0	-6.0
-2.0	6.0	700+30.56	-6.0	-6.0
		TO		
-2.0	6.0	705+00	-6.0	-6.0
-2.0	4.8	705+50	-4.8	-4.8
-2.0	4.0	705+80	-4.0	-4.0
-2.5	3.5	706+00	-3.5	-4.0
-3.7	2.3	706+50	-2.3	-4.0
-4.0	2.0	706+60	-2.0	-4.0
-5.1	-0.1	707+00	-1.1	-4.2

NB ON RAMP - SUPERELEVATION TABLE			
LT. SHOULDER	STATION (BASELINE IS RIGHT TRAVEL WAY)	RAMP	RT. SHOULDER
N/A	300+00	6.0	-6.0
N/A	300+50	6.0	-6.0
-2.0	300+68.61	6.0	-6.0
	TO		
-2.0	304+20	6.0	-6.0
-0.8	304+50	6.0	-6.0
1.2	305+00	5.6	-5.6
3.2	305+50	5.6	-5.6
4.0	305+70	5.0	-5.0
N/A	306+00	4.1	-4.1
	TO		
N/A	307+00	4.1	-4.1
N/A	307+02.38	4.0	-4.0
N/A	307+50	2.0	-2.0
	TO		
N/A	308+50	2.0	-2.0
N/A	309+00	2.0	-4.0
	TO		
N/A	321+03.35	2.0	-4.0

SB ON RAMP - SUPERELEVATION TABLE			
LT. SHOULDER	STATION (BASELINE IS LEFT TRAVEL WAY)	RAMP	RT. SHOULDER
-4.0	500+00	2.0	N/A
	TO		
-4.0	513+00	2.0	N/A
-4.0	513+47.62	4.0	N/A
-4.1	513+50	4.1	N/A
	TO		
-4.1	515+00	4.1	N/A
-4.0	515+33.38	5.0	4.0
-5.15	515+35	5.15	4.0
-5.6	515+50	5.6	3.4
-5.6	516+00	5.6	1.4
-5.6	516+50	5.6	-0.6
-5.88	516+85	5.88	-2.0
-6.0	517+00	6.0	-2.0
	TO		
-6.0	518+50	6.0	-2.0
-4.0	519+00	4.0	-2.0
-4.0	519+50	2.0	-4.0
-4.0	520+00	0.0	-4.0
-4.0	520+47.44	-1.9	-4.0
-4.0	520+50	-2.0	N/A
-2.0	521+00	-4.0	N/A
-2.0	521+19.44	-4.8	N/A

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

TYPICAL SECTIONS

SHEET NUMBER  

6

OF 182

PROJ. MANAGER  
E. MARTIN

DESIGN-DETAILED  
M. DEBOWSKI

CHECKED-REVIEWED  
S. BARJALIS

DESIGN-DETAILED  
R. LEMIRE

DATE

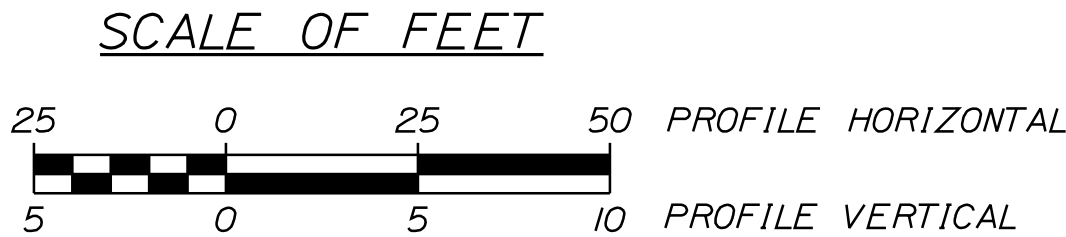
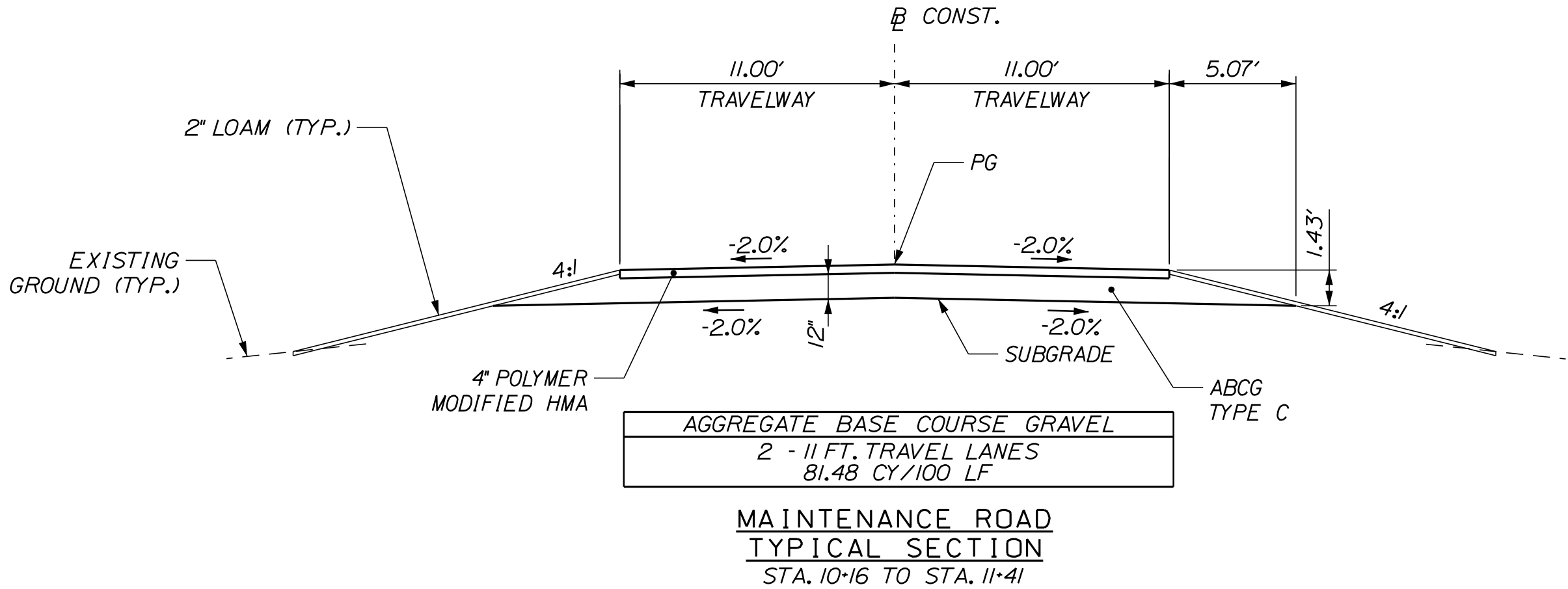
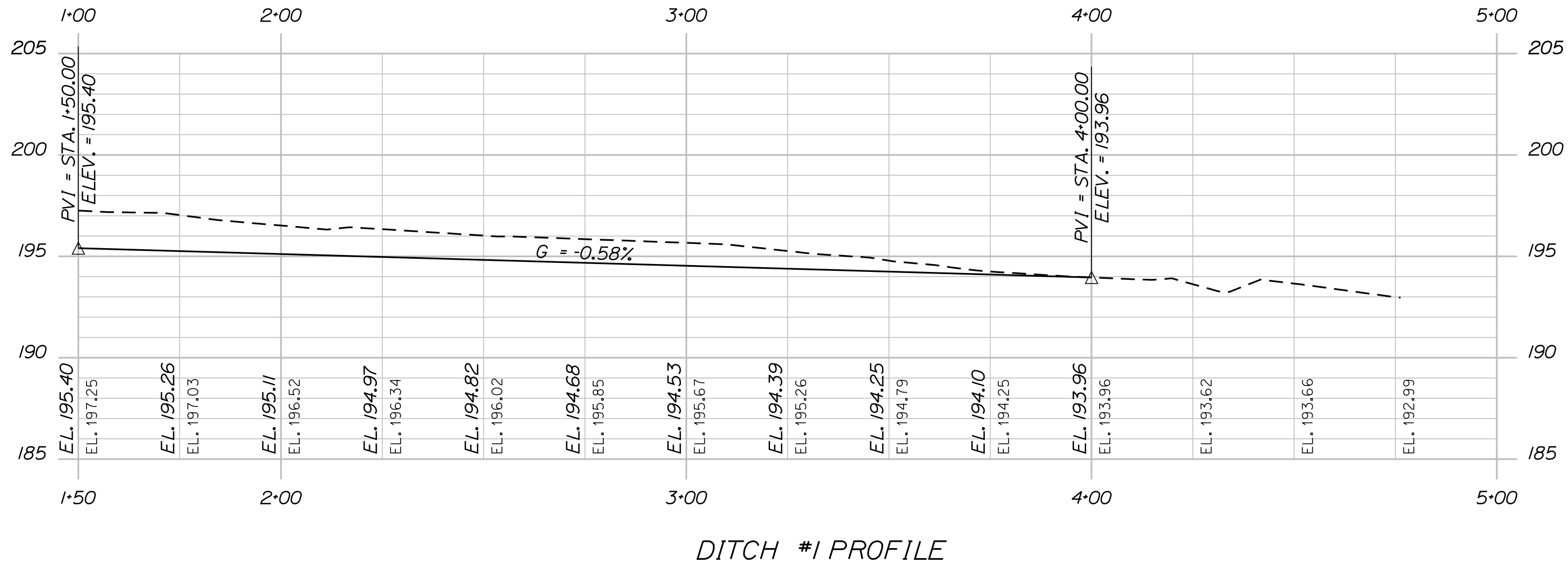
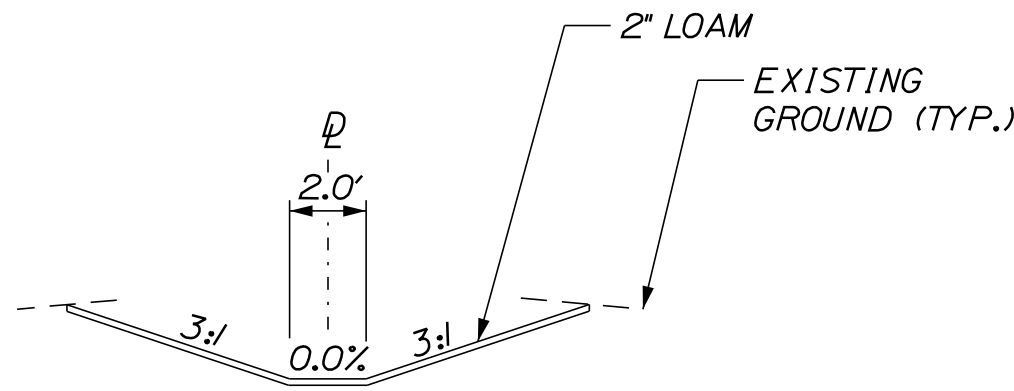
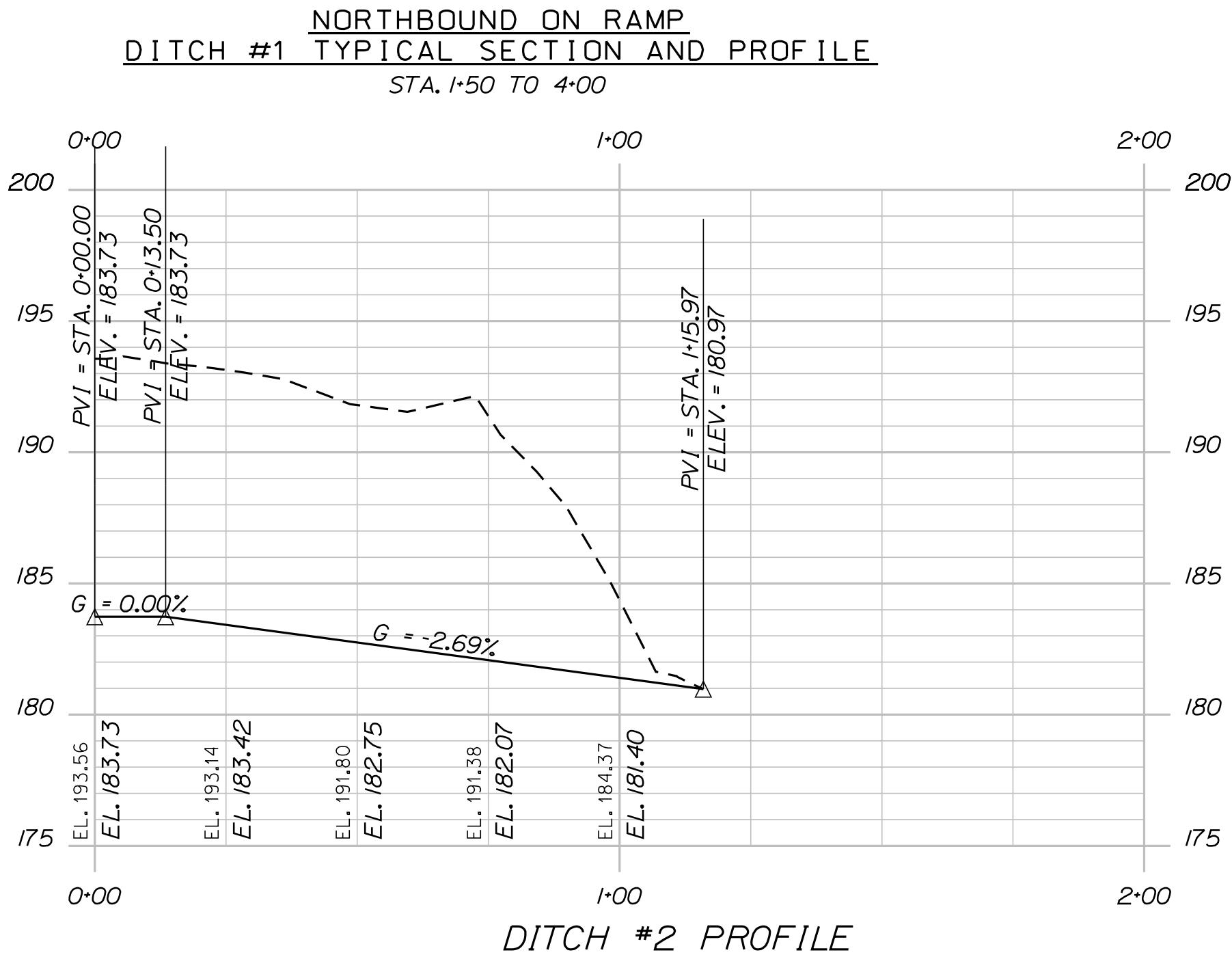
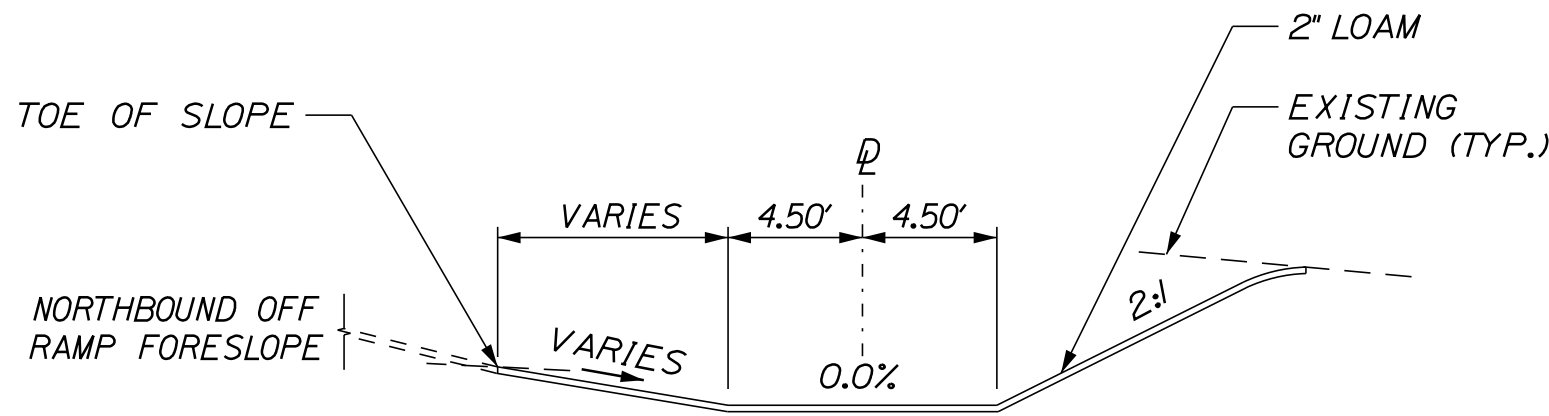
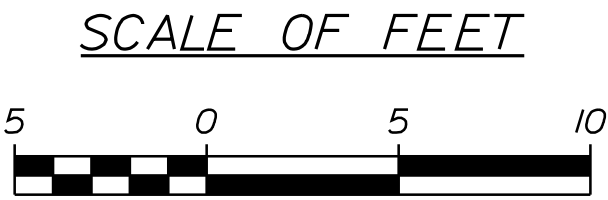
BY

SIGNATURE

P.E. NUMBER

DATE

WIN  
18125.10  
HIGHWAY PLANS



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN		18129.10		HIGHWAY PLANS	
WATERVILLE AND SIDNEY		TRAFTON ROAD INTERCHANGE		SHEET NUMBER		7		OF 182	
TYPICAL SECTIONS		SIGNATURE		P.E. NUMBER		DATE			
PROJ. MANAGER		E. MARTIN		BY		DATE			
DESIGN-DETAILED		M. DEBOWSKI		CHECKED-REVIEWED		SIGNATURE			
DESIGN-DETAILED		S. BARALIS		DESIGN-REVIEWED		P.E. NUMBER			
DESIGN-DETAILED		R. LEMIRE		DESIGN-REVIEWED		DATE			
REVISIONS 1				REVISIONS 2					
REVISIONS 3				REVISIONS 4					
FIELD CHANGES									

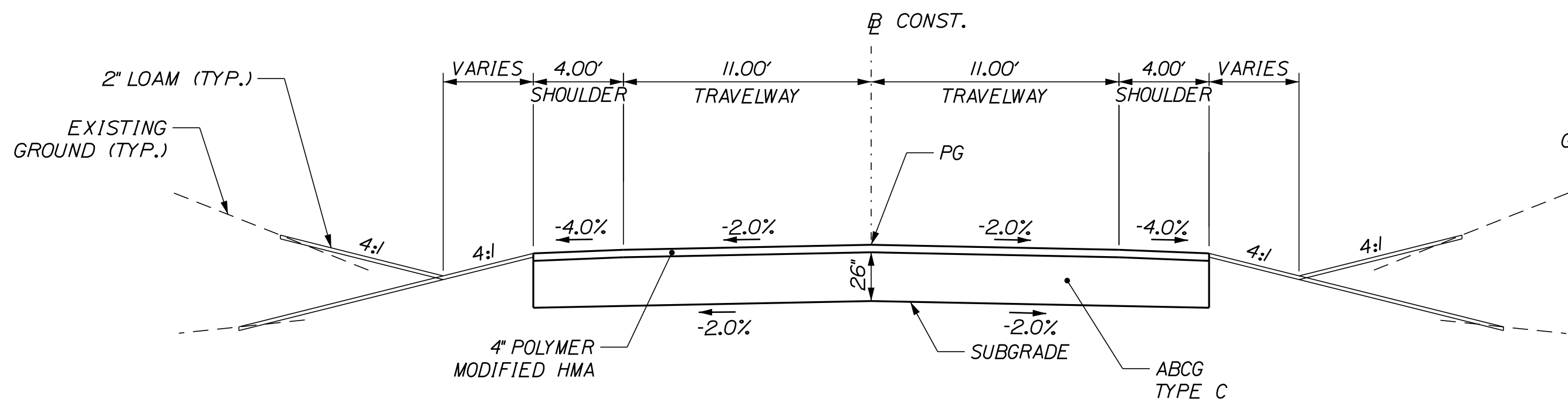


Date:4/27/2016

Username: mdebowski

Division: HIGHWAY

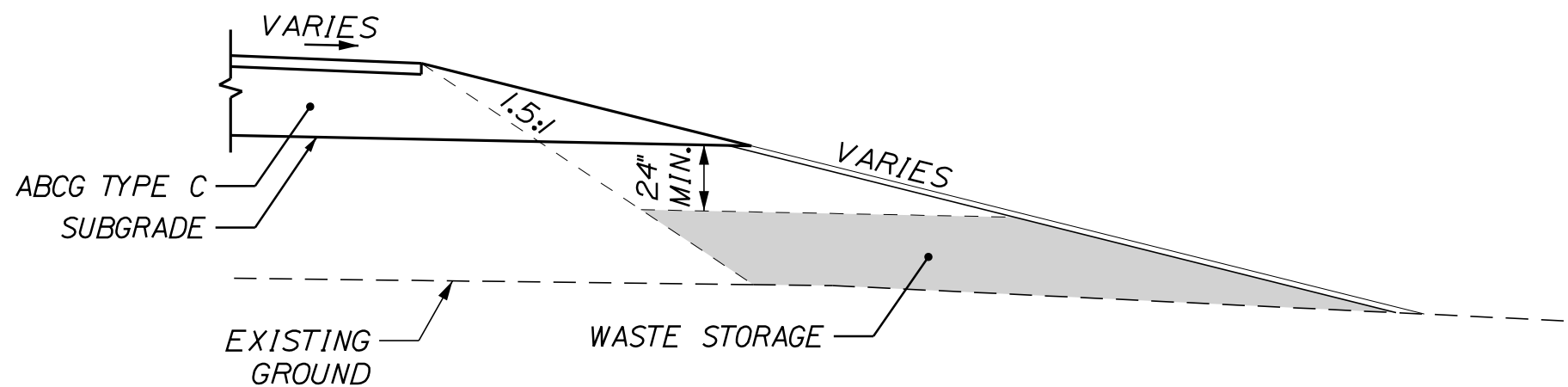
Filename: ... \MSTAN008\_Typical\_Sections.dgn



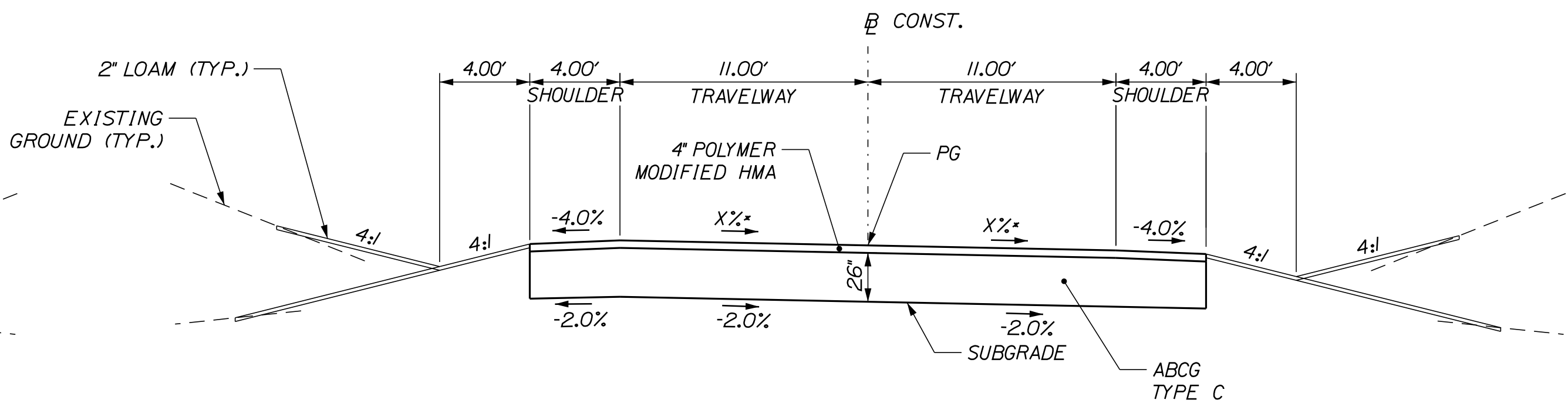
AGGREGATE BASE COURSE GRAVEL  
2 - 11 FT. TRAVEL LANES & 4 FT. SHOULDERS  
239.56 CY/100 FT

EIGHT ROD ROAD  
TYPICAL SECTION  
STA. 800+13 TO STA. 801+00

EIGHT ROD ROAD - SUPERELEVATION TABLE				
LT. SHOULDER	LT. TRAVELWAY	STATION (BASELINE IS CENTER LINE)	RT. TRAVELWAY	RT. SHOULDER
-4.0	-2.0	800+50	-2.0	-4.0
		TO		
-4.0	-2.0	801+00	-2.0	-4.0
-4.0	0.0	801+50	-2.0	-4.0
-4.0	2.0	802+00	-2.0	-4.0
		TO		
-4.0	2.0	803+00	-2.0	-4.0
-4.0	-0.5	803+50	-4.5	-4.0
-4.0	-0.5	803+55.86	-4.5	-4.0



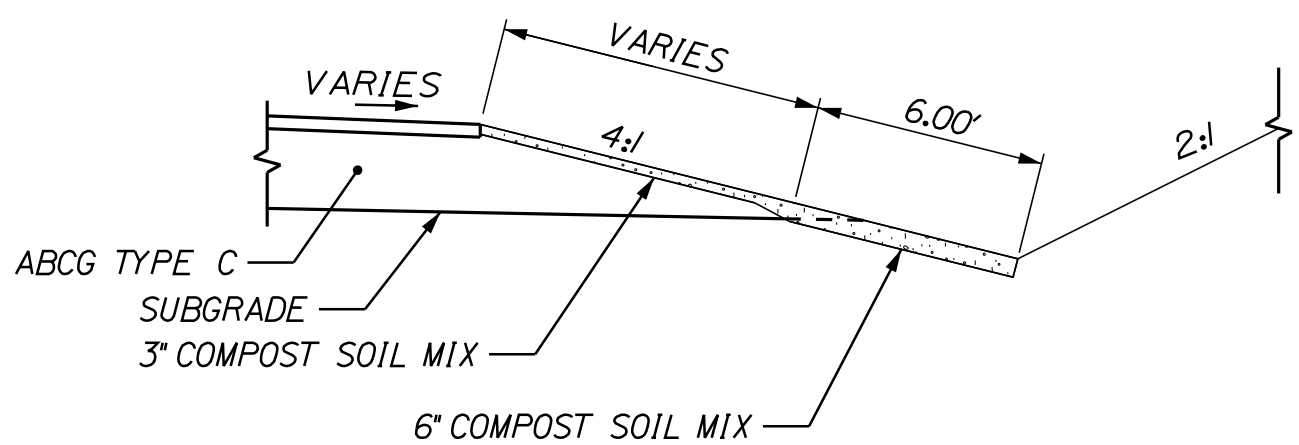
WASTE STORAGE DETAIL  
SEE SPECIAL PROVISION 203  
(EXCAVATION AND EMBANKMENT)



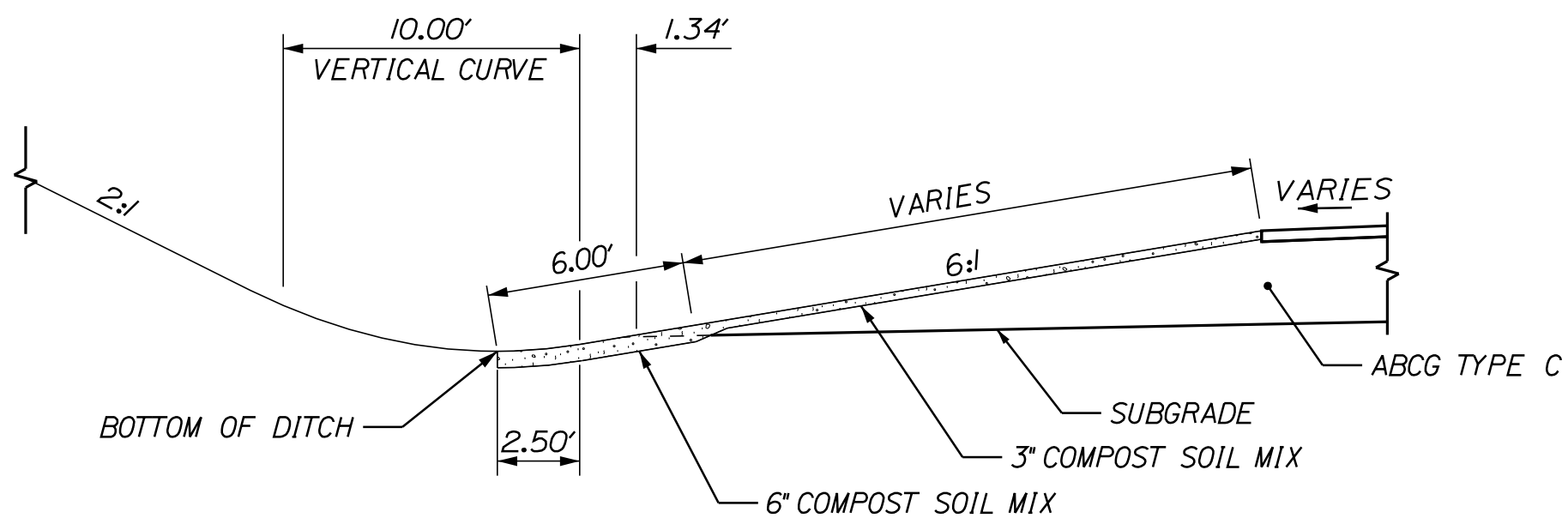
AGGREGATE BASE COURSE GRAVEL  
2 - 11 FT. TRAVEL LANES & 4 FT. SHOULDERS  
239.56 CY/100 FT

\*SEE SUPERELEVATION TABLE FOR CROSS SLOPES

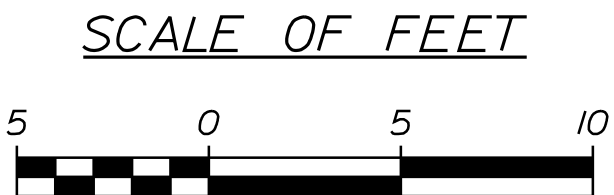
SUPERELEVATED EIGHT ROD ROAD  
TYPICAL SECTION  
STA. 801+00 TO STA. 803+56



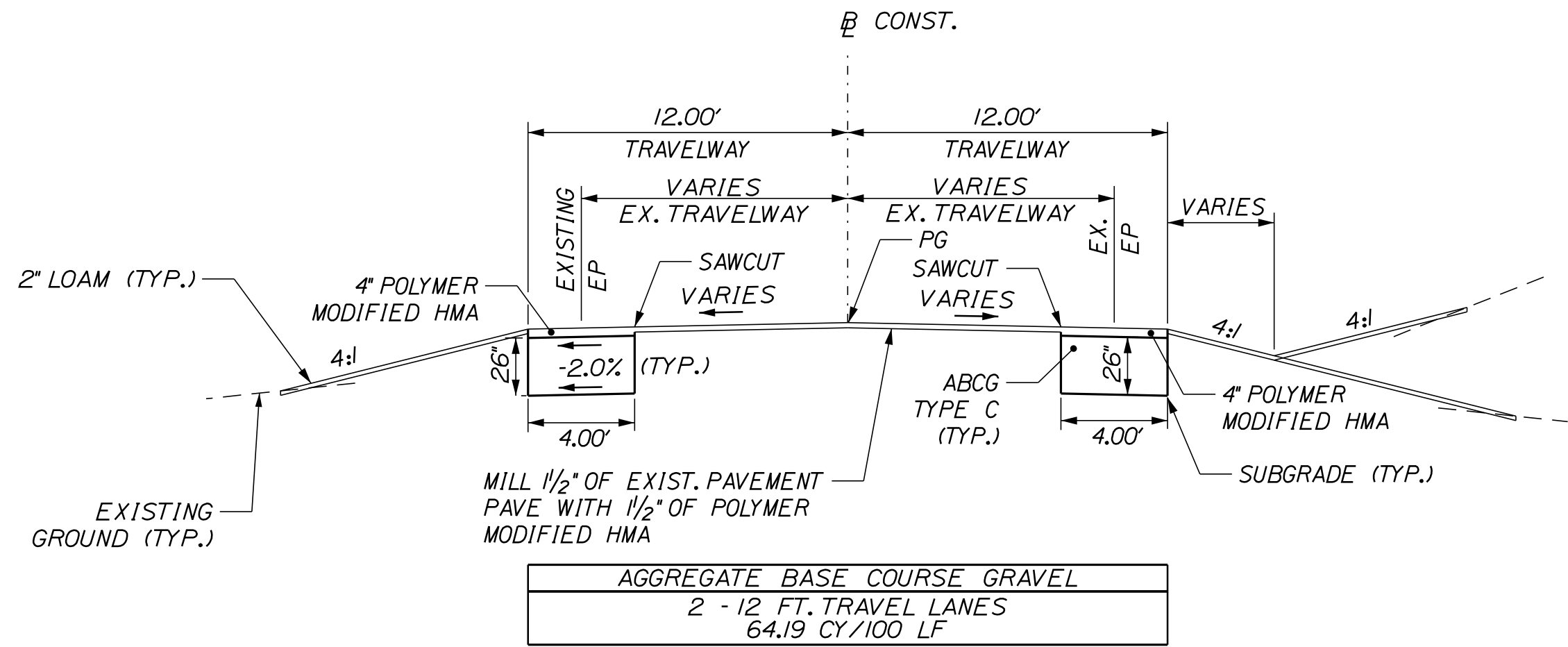
COMPOST FILTER STRIP DETAIL



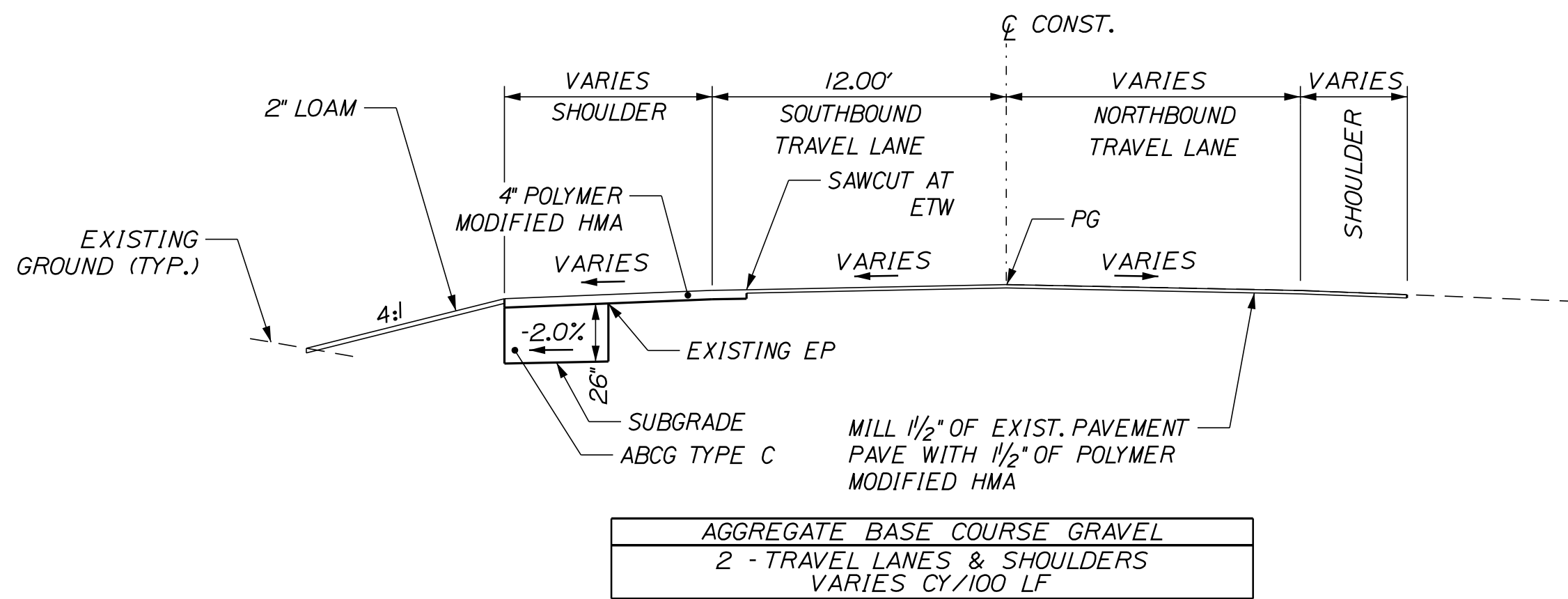
COMPOST FILTER STRIP  
ROUNDED DITCH DETAIL



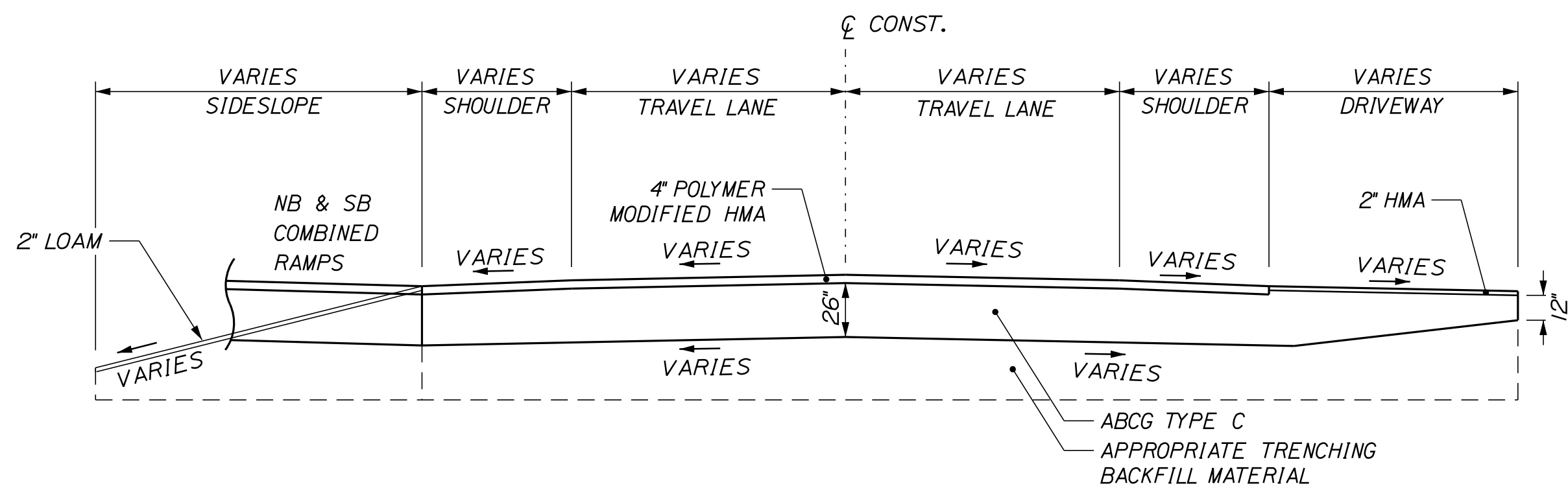
PROJ. MANAGER	DESIGN-DETAILED	CHECKED/REVIEWED	DESIGN DETAILER	DESIGN DETAILER	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	M. DEBOWSKI	S. BARALIS	R. LEMIRE						
BY	DATE	SIGNATURE	P.E. NUMBER	DATE					



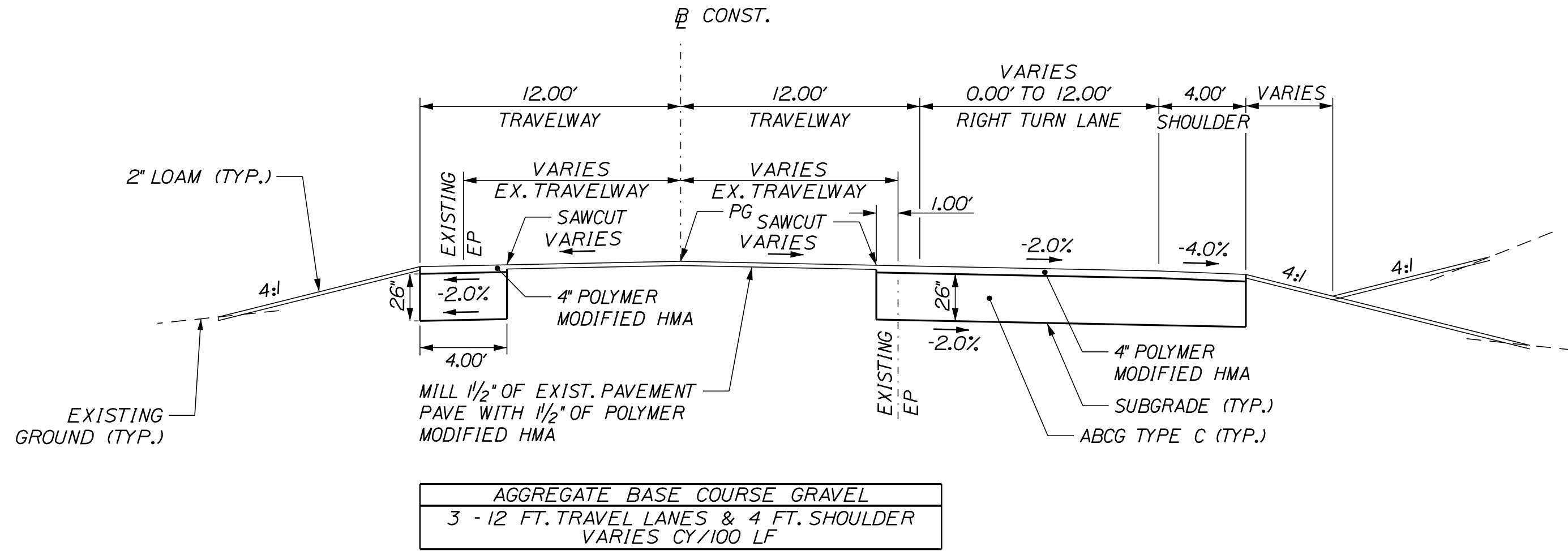
**TRAFTON ROAD WIDENING  
TYPICAL SECTION**  
STA. 168+26.15 TO STA. 168+53.77



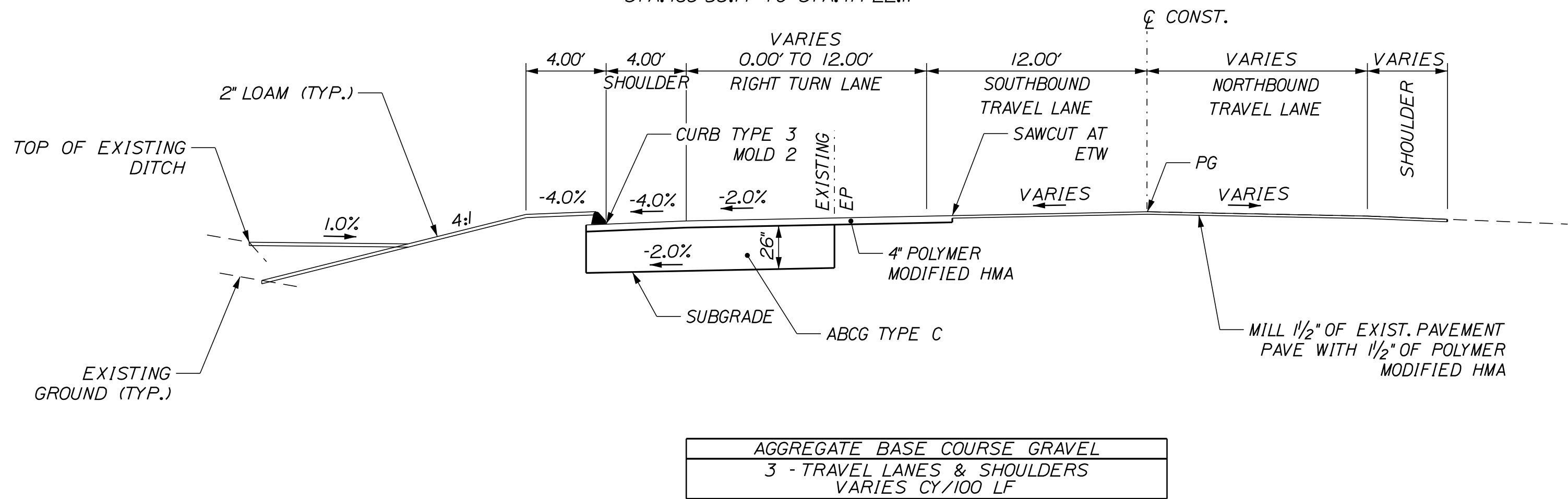
**WEST RIVER ROAD  
TYPICAL SECTION**  
STA. 1+00 TO STA. 1+56.38



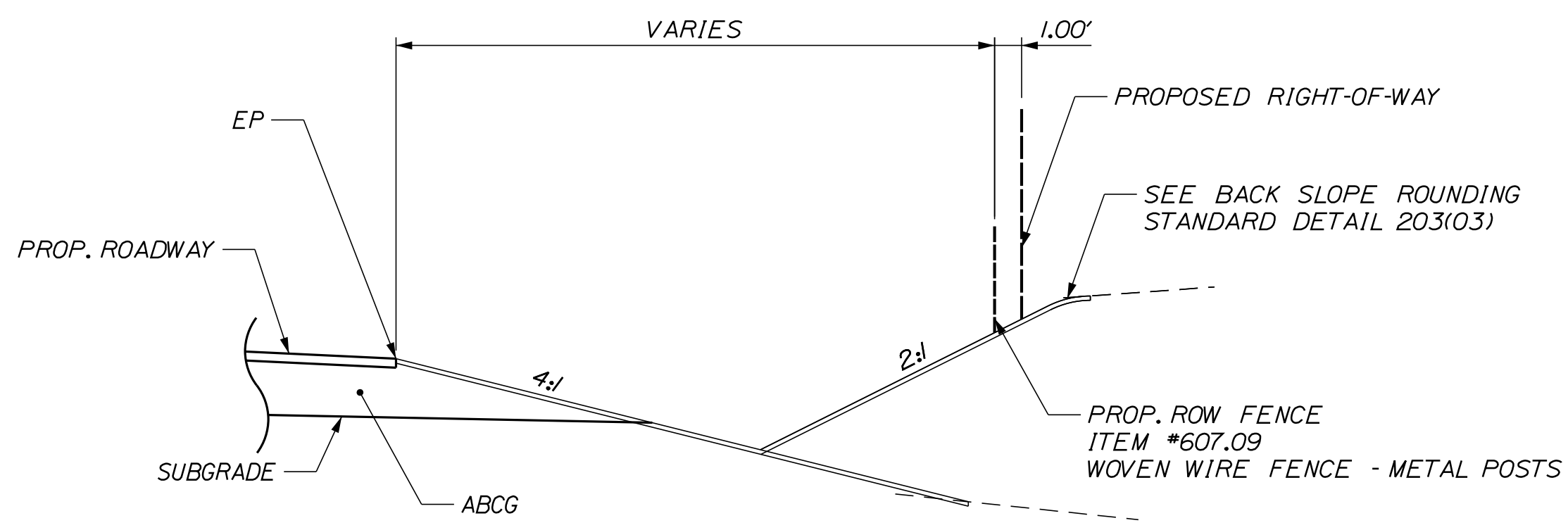
**TRAFTON ROAD & WEST RIVER ROAD  
TRENCHING REPAIR DETAIL  
TYPICAL SECTION**



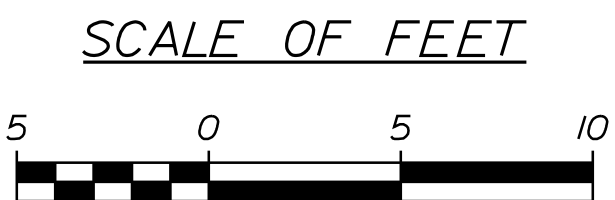
**TRAFTON ROAD WIDENING  
TYPICAL SECTION**  
STA. 168+53.77 TO STA. 171+22.11



**WEST RIVER ROAD  
TYPICAL SECTION**  
STA. 1+56.38 TO STA. 5+47.19



**PROPOSED ROW FENCE DETAIL  
TYPICAL SECTION**





ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.11	CLEARING	5	AC
201.23	REMOVING SINGLE TREE TOP ONLY	4	EA
201.24	REMOVING STUMP	4	EA
202.206	RUMBLE STRIP - EDGE LINE AND CENTERLINE	1,310	LF
203.20	COMMON EXCAVATION	48,671	CY
203.21	ROCK EXCAVATION	5,050	CY
203.213	DRILLING AND BLASTING OF SOLID ROCK SUBGRADE	2,200	SY
203.2318	DISPOSAL OF SPECIAL WASTE	65	TON
203.25	GRANULAR BORROW	6,145	CY
206.07	STRUCTURAL ROCK EXCAVATION-DRAINAGE MINOR	50	CY
304.16	AGGREGATE BASE COURSE - TYPE C	27,200	CY
403.2081	12.5 MM POLYMER MODIFIED HMA SURFACE	2,200	TON
403.209	HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	10	TON
403.2131	12.5 MM POLYMER MODIFIED HMA BASE	3,700	TON
409.15	BITUMINOUS TACK COAT - APPLIED	870	G
410.151	EMULSFIED ASPHALT SEAL COAT. APPLIED	218	SY
502.215	STRUCTURAL CONCRETE, RAIL SUPPORT SLAB	49	CY
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	4,800	LB
503.13	REINFORCING STEEL, PLACING	4,800	LB
514.06	CURING BOX FOR CONCRETE CYLINDERS	1	EA
515.21	PROTECTIVE COASTING FOR CONCRETE SURFACES	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I	1	LS
526.3311	PERMANENT CONCRETE BARRIER, TYP IIIB-54" MODIFIED	1	LS
527.34	WORK ZONE CRASH CUSHION	2	UN
603.175	18" RCP CLASS III	64	LF
603.195	24" RCP CLASS III	232	LF
603.205	30" RCP CLASS III	80	LF
603.215	36" RCP CLASS III	152	LF
603.55	CONCRETE PIPE TIES	28	GROUP
605.09	6 INCH UNDERDRAIN TYPE B	365	LF
605.10	6 INCH UNDERDRAIN OUTLET	52	LF
606.1301	31" W-BEAM GUARDRAIL-MID-WAY SPLICE, SINGLE FACE	163	LF
606.1305	31" W-BEAM GUARDRAIL-MID-WAY SPLICE FLARED TERMINAL	2	EA
606.1307	BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1	2	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
606.356	UNDERDRAIN DELINEATOR POST	2	EA
606.47	SINGLE WOOD POST	1	EA
607.09	WOVEN WIRE FENCE - METAL POSTS	2,500	LF
607.32	BRACING ASSEMBLY TYPE I - METAL POSTS	2	EA
607.33	BRACING ASSEMBLY TYPE II - METAL POSTS	16	EA
610.08	PLAIN RIPRAP	150	CY
613.319	EROSION CONTROL BLANKET	20,300	SY
613.40	TURF REINFORCEMENT MAT - (TRM)	370	SY
615.07	LOAM	2,300	CY
615.081	COMPOST BLANKET	803	CY
618.13	SEEDING METHOD NUMBER 1	10	UN
618.14	SEEDING METHOD NUMBER 2	360	UN
618.141	SEEDING METHOD NUMBER 3	110	UN
619.12	MULCH	530	UN
620.54	STABILIZATION GEOTEXTILE	2,890	SY
620.58	EROSION CONTROL GEOTEXTILE	300	SY

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
620.60	SEPARATION GEOTEXTILE	110	SY
621.025	EVERGREEN SHRUBS 3'-4', GR. A B&B	12	EA
621.037	EVERGREEN TREES 5'-6', GR. A B&B	18	EA
621.038	EVERGREEN TREES 5'-6', GR. A B&B	15	EA
621.552	DECIDUOUS SHRUBS 3'-4', GR. A B&B	24	EA
626.11	PRECAST CONCRETE JUNCTION BOX	16	EA
626.22	NON-METALLIC CONDUIT	8,000	LF
626.31	18 INCH DIAMETER FOUNDATION	15	EA
626.332	30 INCH DIAMETER, < 8 FT LONG & ALL 36 INCH AND 42 INCH	108	CY
626.333	48 INCH DIAMETER AND 54 INCH DIAMETER	12	CY
627.18	12 INCH SOLID WHITE PAVEMENT MARKING LINE	1,750	LF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,300	LF
627.744	6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	31,700	LF
627.78	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	40,000	LF
629.05	HAND LABOR, STRAIGHT TIME	50	HR
631.12	ALL PURPOSE EXCAVATOR (INC OPERATOR)	25	HR
631.13	BULLDOZER (INCLUDING OPERATOR)	15	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	50	HR
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	5	HR
634.2042	LED LUMINAIRE	24	EA
634.210	CONVENTIONAL LIGHT STANDARD	24	EA
634.25	SERVICE POLE WITH CABINET AND CONTROLLER	2	EA
634.313	#4 AWG COPPER WIRE	25,000	LF
634.316	#10 AWG COPPER WIRE	3,600	LF
639.18	FIELD OFFICE TYPE A	1	EA
643.83	VIDEO DETECTION SYSTEM	1	LS
645.106	DEMOUNT REG., WARNING, CONF. & ROUTE ASSBLY. SIGN	3	EA
645.108	DEMOUNT POLE	2	EA
645.116	REINSTALL REG., WARNING, CONF. & ROUTE ASSBLY. SIGN	3	EA
645.118	REINSTALL POLE	2	EA
645.161	BREAKAWAY DEVICE SINGLE POLE	15	EA
645.162	BREAKAWAY DEVICE MULTIPLE POLE	16	EA
645.251	ROADSIDE GUIDE SIGNS, TYPE I	960	SF
645.271	REG., WARNING, CONF. & ROUTE ASSBLY. SIGN, TYPE I	240	SF
645.289	STEEL H-BEAM POLES	7,210	LB
645.291	ROADSIDE GUIDE SIGNS, TYPE II	76	SF
645.292	REG., WARNING, CONF. & ROUTE ASSBLY. SIGN, TYPE II	330	SF
645.301	DEMOUNTABLE REFLECTORIZED DELINEATOR, SINGLE	125	EA
645.302	DEMOUNTABLE REFLECTORIZED DELINEATOR, DOUBLE	60	EA
645.51	SPEICAL SIGNING	1	LS
645.511	FLASHING WARNING SIGNS	2	EA
652.3	FLASHING ARROW BOARD	2	EA
652.312	TYPE III BARRICADE	25	EA
652.33	DRUM	150	EA
652.34	CONE	200	EA
652.35	CONSTRUCTION SIGNS	470	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	190	CD
652.38	FLAGGER	960	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA
656.75	TEMP SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	39,252
EARTH FROM DRIVES, OLD ROAD, CONCRETE, ETC.	412
GRUBBING IN FILL	1,942
LOAM SALVAGE IN FILL	306
MUCK EXCAVATION	4,009
DREDGE MATERIAL	590
UNSUITABLE MATERIAL	2,000
CULVERT INLET AND OUTLET DITCHES	160
PAVEMENT SALVAGE IN FILL	0
TOTAL COMMON EXCAVATION (for estimate)	48,671

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	14,214
FILL FOR DRIVES	0
GRUBBING IN FILL	1,942
LOAM SALVAGE IN FILL	306
FILL OVER BROKEN UP CONCRETE SLABS	1,085
TOTAL FILL	17,547

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	5,050
ROCK EXCAVATION (BOULDERS)	0
TOTAL ROCK EXCAVATION	5,050

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION	48,671
DEDUCTIONS:	
GRUBBING IN CUT	6,790
GRUBBING IN FILL	1,942
LOAM SALVAGE IN CUT	774
LOAM SALVAGE IN FILL	306
MUCK EXCAVATION	4,009
DREDGE MATERIAL	590
UNSUITABLE MATERIAL	2,000
PAVEMENT SALVAGE (CUT & FILL)	1,127
(2) TOTAL DEDUCTIONS	17,538
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)	31,133
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)	118
RIPRAP EXCAVATION	160
TOTAL AVAILABLE NON-ROCK EXCAVATION	31,411

COMPUTATION OF GRANULAR BORROW FOR ESTIMATE

GRANULAR BORROW TO REPLACE MUCK	4,009
GRANULAR BORROW TO MAINTAIN TRAFFIC	0
GRANULAR BORROW TO REPLACE UNSUITABLE MATERIAL	2,000
GRANULAR BORROW UNDER PROPOSED CULVERTS	85
GRANULAR BORROW FOR MOMENT SLAB	36
GRANULAR BORROW =	6,130 x 1.00= 6,130

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3)TOTAL FILL	17,547
TOTAL AVAIL. NON-ROCK EXCAV.	31,411 x 0.90 = 28,270
TOTAL AVAIL. ROCK EXCAV.	5,050 x 1.30 = 6,565
TOTAL AVAIL. STR. ROCK EXCAV.	50 x 1.30 = 65
(4)TOTAL AVAILABLE EXCAVATION	= 34,900

IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL, PLUS TOTAL WASTE MATERIAL TO BE WASTED	17,353
SURPLUS MATERIAL =	17,353 CY

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  

10

OF 182

SIGNATURE

P.E. NUMBER

DATE

WIN  
18123.10

HIGHWAY PLANS

ESTIMATED QUANTITIES





Date:4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ...\\MSTAO12\_General\\Notes\_1.dgn

GENERAL NOTES:

- 1.THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:CENTRAL MAINE POWER COMPANY, FAIRPOINT COMMUNICATIONS - NORTHERN NEW ENGLAND TELEPHONE OPERATIONS LLC, KENNEBEC WATER DISTRICT, AND TIME WARNER CABLE.
2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.
3. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTION PAVED OR MILLED EACH DAY.THE USES OF MILLINGS OR RAP WILL NOT BE ALLOWED, BUT COLD PATCH MAY BE TEMPORARILY UTILIZED UNTIL HMA PLANTS ARE OPEN FOR THE SEASON.
4. TEMPORARY RAMPS SHALL BE CONSTRUCTED WITH ONE FOOT OF LENGTH FOR EVERY 1/4INCH OF TRANSITION DEPTH ON THE LEADING AND TRAILING ENDS.MATERIALS, PLACEMENT, MAINTENANCE, AND REMOVAL SHALL BE INCIDENTAL TO THE CONTRACT ITEMS.
5. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
6. THE CLEARING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY.THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.
7. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED.THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT. ESTIMATED GRUBBING DEPTHS ARE 6 INCHES IN FIELD AREAS AND 12 INCHES IN WOODED AREAS.
8. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.
9. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT.GRADING, SEEDING, AND MULCHING OF THE WASTE AREAS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT ITEMS.
10. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.
11. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" POLYMER MODIFIED HOT MIX ASPHALT AND 12" AGGREGATE BASE COURSE GRAVEL.
12. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" POLYMER MODIFIED HOT MIX ASPHALT AND 11" AGGREGATE BASE COURSE GRAVEL.
13. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE BASE COURSE GRAVEL OR 1" AGGREGATE BASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
14. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
15. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
16. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).
17. ALL MATERIALS AND LABOR NECESSARY TO CONNECT TO EXISTING CULVERTS AND DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE 603 ITEMS.
18. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
19. THE INSTALLATION OF THE DRAINAGE CULVERT UNDER WEST RIVER ROAD REQUIRES THE SEVERING OF AN EXISTING, ABANDONED WATER PIPE. BRICK AND MORTAR SHALL BE USED TO PLUG BOTH ENDS OF THE CUT WATER PIPE. PAYMENT FOR THE CUTTING, REMOVAL, AND PLUGGING OF THE EXISTING WATER PIPE IS INCIDENTAL TO THE 603 ITEMS.
20. INLETS AND OUTLETS OF ALL ROADWAY CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT. DRIVEWAY CULVERTS (AS IDENTIFIED ON THE DRAINAGE SUMMARY SHEETS) DO NOT REQUIRE RIPRAP UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
21. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE SUMMARY SHEET.
22. A1-C AND B1-C CATCH BASINS SHALL BE SHAPE 1 WITH HAUNCHED CONE, AS PER STANDARD DETAIL 604(O2), UNLESS OTHERWISE NOTED ON THE PLANS.
23. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6 INCH TYPE B UNDERDRAIN.
24. ALL UNDERDRAIN NOT SHOWN ON THE CROSS SECTIONS WILL HAVE A FLOW LINE OF 5.5 FEET BELOW FINISH GRADE DIRECTLY ABOVE THE UNDERDRAIN AND UNDERDRAIN SAND BACKFILL PLACED TO AN ELEVATION EQUAL TO THE BOTTOM OF THE NEW GRAVEL LAYER. ALL UNDERDRAIN SHOWN ON THE CROSS SECTIONS WILL HAVE THE FLOW LINE SCALED FROM THE CROSS SECTIONS. ALL FLOW LINE ELEVATIONS ARE SUBJECT TO APPROVAL BY THE RESIDENT.
25. A 3 FT X 3 FT SQUARE RIPRAP PAD WITH 1.5 FT DEPTH SHALL BE CONSTRUCTED AT UNDERDRAIN OUTLETS.
26. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
27. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND 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) SHALL BE INSTALLED AT EACH GUARDRAIL END.
29. A REFLECTORIZED FLEXIBLE G.R. MARKER (ITEM 606.353) SHALL BE INSTALLED AT EACH CORNER OF THE INTERSTATE MEDIAN CROSSOVER TO MARK ITS PRESENCE DURING SNOW-COVERED GROUND CONDITIONS.
30. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.
31. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT THE BEGINNING AND END OF EACH SECTION OF BITUMINOUS CURB. ENTRANCE OR DRIVEWAY OPENINGS IN CURB DO NOT REQUIRE DELINEATOR POSTS WHEN CURB IS ON BOTH SIDES OF THE ENTRANCE OR DRIVEWAY.
32. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWN AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL NON-GUARDRAIL SLOPES. SEEDING METHOD NO. 3 SHALL BE UTILIZED ON ALL GUARDRAIL FILL SLOPES AND PULVERIZED CONCRETE SURFACES, ON LONG NON-GUARDRAIL BACKSLOPES. SEEDING METHOD NO. 3 MAY BE USED INSTEAD OF METHOD NO. 2 IF NOTED OR DIRECTED BY THE RESIDENT.
33. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
34. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO BITUMINOUS CURB ENDS AT DRIVEWAY OPENINGS AS DIRECTED BY THE RESIDENT.
35. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. MAINTENANCE OF ALL MAILBOXES WITHIN THE PROJECT LIMITS IS INCIDENTAL TO THE CONTRACT.
36. PLANS OF PREVIOUSLY CONSTRUCTED PROJECTS ARE AVAILABLE ONLINE AT [HTTPS://MDOTAPPS.MAINE.GOV/MEPLANS/](https://MDOTAPPS.MAINE.GOV/MEPLANS/) THE PROJECTS ARE:
- PROJECT \* I-95-61(O)118, CITY: WATERVILLE, MAINE FEDERAL AID INTERSTATE
  - PROJECT \* I-95-61(O)116, TOWN/CITY: SIDNEY AND WATERVILLE, MAINE FEDERAL AID INTERSTATE
  - PROJECT \* I-95-61(29)114, TOWN/CITY: SIDNEY AND WATERVILLE, MAINE FEDERAL AID INTERSTATE
  - PROJECT \* S-329(6), TOWN/CITY: SIDNEY AND WATERVILLE, MAINE FEDERAL AID SECONDARY
  - PROJECT \* WPMS - 352, CITY: WATERVILLE, WEST RIVER ROAD
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. THE ESTIMATED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES QUANTITIES ARE AS FOLLOWS:
- UNDERDRAIN TYPES B AND C: 296 CY
  - CULVERT PIPES: 670 CY
  - CATCH BASINS: 47 CY
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. WHERE "UNDETERMINED LOCATIONS" ARE IDENTIFIED ON THE PLANS, THESE SHALL BE DETERMINED BY THE RESIDENT.
40. STATIONS REFERENCED ARE APPROXIMATE.
41. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008. IN PARTICULAR, NOTE STANDARDS FOR THE FOLLOWING: TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL, MULCH, EROSION CONTROL BLANKET, RIPRAP, SEEDING, CHANNEL LININGS, RIPRAP DOWNSPOUT, ENERGY DISSIPATORS, CULVERT INLET AND OUTLET PROTECTION, CHECK DAMS, TEMPORARY STREAM DIVERSION, WINTER STABILIZATION.
42. THE FOLLOWING ARE INCIDENTAL TO ITEM 203.20 COMMON EXCAVATION:
- THE REMOVAL OF MISCELLANEOUS ITEMS AS IDENTIFIED IN THE PLAN SET OR AS DIRECTED BY THE RESIDENT INCLUDING BOULDERS AND PERSONAL PROPERTY ITEMS
  - REMOVAL OF EXISTING CULVERTS
  - PULVERIZING EXISTING CONCRETE SLABS
43. EXISTING PAVEMENT TO BE EXCAVATED SHALL BE PAID UNDER ITEM 203.20 COMMON EXCAVATION. EXISTING PAVEMENT SURFACE TO BE MILLED FOR REPAVING SHALL BE PAID UNDER ITEM 202.202 REMOVING PAVEMENT SURFACE.
44. SHOULDERS ARE TO BE WIDENED AT GUARDRAIL ENDS AS SHOWN IN MAINE DOT STANDARD DETAIL 606(O9).
45. PAVEMENT CUT LINES SHALL BE NEAT, CLEAN, AND STRAIGHT AS DIRECTED BY THE RESIDENT. PAYMENT FOR CUTTING OF EXISTING PAVEMENT SHALL BE INCIDENTAL TO THE 403 ITEMS.
46. THE LOCATIONS OF THE PROPOSED LANDSCAPE PLANTINGS SHALL BE DETERMINED BY THE RESIDENT.
47. A REVIEW OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (MDEP) DATABASES AND A REVIEW OF BORING LOGS DID NOT SUGGEST ANY PETROLEUM OR HAZARDOUS WASTE WITHIN THE PROJECT LIMITS. HOWEVER, IN LIGHT OF THE AGRICULTURAL NATURE OF THE AREA WHERE THE INTERCHANGE IS TO BE CONSTRUCTED AND THE INDUSTRIAL AREA AT THE RECONSTRUCTION OF THE TRAFTON ROAD AND WEST RIVER ROAD INTERSECTION, THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM / HAZARDOUS WASTE-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 SENIOR GEOLOGIST IN MDO'S OFFICE OF SAFETY AND COMPLIANCE AT 207-624-3004 AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.
48. TOPSOIL SALVAGE AREAS HAVE BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL TOPSOIL SALVAGE LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT. ESTIMATED TOPSOIL SALVAGE DEPTH IS 6 INCHES.

49. THE COST OF TYING PROPOSED WOVEN WIRE FENCE INTO THE EXISTING FENCE IS INCIDENTAL TO THE 607 ITEMS.
50. THE COST OF REMOVING EXISTING FENCE IS INCIDENTAL TO THE 607 ITEMS.
51. ALL CONCRETE FOR PERMANENT CONCRETE BARRIERS SHALL BE CLASS LP. ALL CONCRETE FOR RAIL SUPPORT SLABS SHALL BE CLASS A.
52. ALL REINFORCING STEEL ABOVE FINISHED GRADE, INCLUDING RAIL SUPPORT SLAB BARS THAT EXTEND ABOVE FINISHED GRADE, SHALL BE EPOXY COATED. REINFORCING STEEL CONTAINED ENTIRELY WITHIN THE RAIL SUPPORT SLAB SHALL BE UNCOATED.
53. PROTECTIVE COATING FOR CONCRETE SURFACES SHALL BE APPLIED TO ALL EXPOSED SURFACES OF PERMANENT CONCRETE BARRIERS.
54. UNSUITABLE MATERIALS ARE ANTICIPATED WITHIN THE LIMITS OF THE FORMER FARM POND AS WELL AS WITHIN OTHER EXISTING WET AREAS. BECAUSE SUBSURFACE EXPLORATIONS COULD NOT BE PERFORMED WITHIN THESE AREAS, THE NATURE AND EXTENTS (THICKNESS AND PLANAR LIMITS) OF POSSIBLE UNSUITABLE MATERIALS ARE UNKNOWN AND WILL ONLY BECOME EVIDENT DURING CONSTRUCTION. ALL MUCK REMOVAL SHALL BE COORDINATED WITH THE RESIDENT SO THAT TYPE AND QUANTITY OF EXCAVATION CAN BE ADEQUATELY QUANTIFIED.
55. THE GEOTECHNICAL REPORTS FOR THE PROJECT ARE ENTITLED "PRELIMINARY GEOTECHNICAL REPORT, INTERSTATE 95 TRAFTON ROAD INTERCHANGE, WATERVILLE, MAINE, MAINEDOT WIN 18(29.10) DATED AUGUST 2015 AND "SUPPLEMENTAL GEOTECHNICAL INFORMATION, INTERSTATE 95 TRAFTON ROAD INTERCHANGE, WATERVILLE, MAINE, MAINEDOT WIN 18(29.10) DATED APRIL 2016, BOTH PREPARED BY SCHONEWALD ENGINEERING ASSOCIATES, INC. THE REPORTS ARE AVAILABLE ON THE MAINEDOT WEBSITE.
56. GEOTECHNICAL INFORMATION FURNISHED OR REFERENCED IN THIS PLAN SET IS FOR THE BIDDER'S AND CONTRACTOR'S USE. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITIONS AT THE TIME OF CONSTRUCTION. THE DEPARTMENT SHALL NOT BE RESPONSIBLE FOR THE BIDDER'S AND CONTRACTOR'S INTERPRETATIONS OF, OR CONCLUSIONS DRAWN FROM, THE GEOTECHNICAL INFORMATION. THE BORING LOGS CONTAINED IN THE REFERENCED REPORTS PRESENT INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN WIDELY-SPACED BORING LOCATIONS.
57. EXCAVATIONS TO REMOVE MUCK WHERE INDICATED ON THE DRAWINGS AND EXCAVATIONS TO REMOVE UNSUITABLES WHERE REQUIRED IN ACCORDANCE WITH PROJECT DOCUMENTS SHALL BE PAID FOR AS COMMON EXCAVATION.
58. GRANULAR BORROW SHALL BE FURNISHED AND PLACED IN ACCORDANCE WITH THE PROJECT DOCUMENTS TO REFILL EXCAVATIONS FOR MUCK AND UNSUITABLES.
59. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE THE OBSERVED WATER LEVEL OR OLD GROUND SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW FOR UNDERWATER BACKFILL (703.19).
60. WHEN EXCAVATING TO ROADWAY SUBGRADE OR WHEN PREPARING TO PLACE NEW EMBANKMENT FILL, SUCH AS BENCHING EXISTING SLOPES, RESULTS IN A SUBGRADE OF UNSUITABLE MATERIAL, THE UNSUITABLE MATERIAL SHALL BE OVEREXCAVATED AND REPLACED WITH GRANULAR BORROW IN ACCORDANCE WITH SPECIAL PROVISION 203.
61. WHEN EXCAVATING TO ROADWAY SUBGRADE RESULTS IN A SUBGRADE THAT IS A MIX OF SOIL AND ROCK, THE MIXED SUBGRADE SHALL BE TREATED IN ACCORDANCE WITH SPECIAL PROVISION 203.
62. REMAINS OF FORMER FARM STRUCTURES ARE PRESENT WITHIN THE ALIGNMENTS OF THE SOUTHBOUND COMBINED, ON, AND OFF RAMPS. THESE STRUCTURES CONSIST PREDOMINATLY OF REINFORCED CONCRETE SLABS AND FOUNDATION WALLS. CONCRETE SLABS WITHIN THE LIMITS OF EMBANKMENT FILL SHALL BE BROKEN-UP AND AND THE REMAINS ROUGH GRADED AND PROOFROLLED PRIOR TO PLACING EMBANKMENT FILL. FOUNDATION WALLS WITHIN THE LIMITS OF EMBANKMENT FILL MAY REMAIN IN PLACE IF GREATER THAN TWO FEET OF EMBANKMENT FILL IS REQUIRED TO ACHIEVE FINISH SUBGRADE. OTHERWISE, FOUNDATION WALLS AND CONCRETE SLABS SHALL BE REMOVED OR PULVERIZED WHERE INDICATED ON THE DRAWINGS. CONCRETE REMOVAL SHALL BE PAID FOR AS COMMON EXCAVATION.
63. SUBGRADE PREPARATION IN EMBANKMENT AREAS AND EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 203 EXCEPT AS AMENDED BY SPECIAL PROVISION 203.
64. EMBANKMENT AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS TO THE EXTENT THE MATERIAL MEETS THE PROJECT REQUIREMENTS.
65. UNSUITABLES "WASTE" DISPOSAL SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 203 EXCEPT AS AMENDED BY SPECIAL PROVISION 203.
66. THE ENTIRE EMBANKMENTS, INCLUDING THE AREAS OUTSIDE THE 1.5H:1V LINE EXTENDING DOWNWARD FROM THE FINISHED SHOULDER, SHALL BE COMPACTED.
67. SUBGRADE PREPARATION AND ENGINEERED FILL PLACEMENT UNDER THE RAIL SUPPORT SLABS ADJACENT TO THE TRAFTON ROAD BRIDGE PIERS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS 203 AND 304 EXCEPT AS AMENDED BY SPECIAL PROVISIONS 203 AND 304. THE RAIL SUPPORT SLABS SHALL BEAR ON A 24-INCH THICKNESS OF COMPACTED TYPE C BASE MATERIAL (703.06.B). ADDITIONAL EXCAVATION REQUIRED FOR THE 24-INCH THICKNESS OF TYPE C BASE MATERIAL SHALL BE PAID FOR AS COMMON EXCAVATION.
68. CULVERTS SHALL BE BEDDED ON A 6-INCH THICKNESS OF MATERIAL MEETING THE REQUIREMENTS FOR GRANULAR BORROW FOR UNDERWATER BACKFILL (703.19). FURNISHING AND PLACING SUCH BEDDING MATERIAL SHALL BE PAID FOR AS GRANULAR BORROW.
69. WHERE REINFORCED CONCRETE PIPE IS USED FOR CULVERTS, GASKETS OR OTHER FLEXIBLE WATERSTOP-TYPE MATERIAL SHALL BE INSTALLED IN / OVER THE JOINTS BETWEEN THE FIRST THREE (ENTRANCE) AND LAST THREE (OUTLET) PIPE SEGMENTS AND SHALL BE INCIDENTAL TO THE 603 ITEMS.
70. EMULSIFIED ASPHALT SEAL COAT SHALL BE APPLIED OVER RUMBLE STRIPS AND PAID UNDER ITEM 410.151. SEAL COAT SHALL BE APPLIED 3-INCH WIDER THAN THE RUMBLE STRIP IN BOTH DIRECTIONS.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION					SIGNATURE
				P.E. NUMBER	
				DATE	
				WIN 18129.10	
				HIGHWAY PLANS	



TRAFTON ROAD DRIVEWAYS AND ENTRANCES

LOCATION		SURFACE	TYPE	OPENING
169+00.00	RT	PAVED	RESIDENTIAL	42 FT.
3+30.00	LT	GRAVEL	RESIDENTIAL	34 FT.
5+25.00	LT	PAVED	RESIDENTIAL	26 FT.
803+20.00	LT	GRAVEL	RESIDENTIAL	42 FT.

CLEARING - ITEM \*201.11

STATION	TO	STATION		STATION	TO	STATION	
208+25	TO	213+16	LT	1+42	TO	1+60	RT
300+86	TO	303+44	LT	200+17	TO	200+47	RT
500+03	TO	504+01	LT	200+64	TO	201+15	RT
505+32	TO	515+46	LT	205+68	TO	400+02	RT
516+11	TO	517+22	LT	301+34	TO	301+84	RT
603+85	TO	608+09	LT	307+32	TO	307+76	RT
608+58	TO	611+87	LT	308+14	TO	308+60	RT
611+98	TO	612+77	LT	310+98	TO	2039+16	RT
700+39	TO	701+04	LT	516+54	TO	517+56	RT
706+91	TO	707+44	LT	603+30	TO	605+14	RT
801+33	TO	801+65	LT	700+58	TO	701+30	RT
802+06	TO	802+31	LT	705+83	TO	707+57	RT
				802+13	TO	802+44	RT

REMOVING SINGLE TREE TOP ONLY - ITEM \*201.23  
REMOVING STUMPS - ITEM \*201.24

STATION	OFFSET	DESCRIPTION	QUANTITY FOR EACH ITEM NUMBER
303+90	24' LT	20" SPRUCE	1 EACH
305+74	23' RT	12" APPLE	1 EACH
306+32	41' RT	6" ASH	1 EACH
306+36	35' RT	12" ASH	1 EACH

REMOVING PAVEMENT SURFACE - ITEM \*202.202

STATION	TO	STATION	AREA
168+26	TO	171+22	720 SY
1+00	TO	5+47	1462 SY

RUMBLE STRIP - EDGE LINE AND CENTERLINE - ITEM \*202.206

STATION	TO	STATION	LENGTH
212+81	TO	213+78	97 LF
300+00	TO	300+92	97 LF
400+00	TO	403+72	372 LF
520+22	TO	521+19	97 LF
600+00	TO	600+93	97 LF
700+00	TO	705+48	548 LF

CONCRETE PIPE TIES - ITEM \*603.55

LOCATION OF PIPE END REQUIRING TIES	QUANTITY
STA. 1+57, 33' RT	2 GROUPS
STA. 2+72, 41' LT	1 GROUP
STA. 211+78, 34' LT	2 GROUPS
STA. 212+20, 25' RT	2 GROUPS
STA. 305+74, 34' RT	2 GROUPS
STA. 311+89, 53' RT	2 GROUPS
STA. 315+48, 38' RT	2 GROUPS
STA. 402+50, 35' LT	2 GROUPS
STA. 402+50, 45' RT	2 GROUPS
STA. 506+87, 34' LT	2 GROUPS
STA. 516+09, 20' LT	2 GROUPS
STA. 516+64, 37' RT	2 GROUPS
STA. 605+60, 28' LT	2 GROUPS
STA. 612+38, 41' LT	2 GROUPS
STA. 802+50, 32' LT	2 GROUPS
STA. 802+50, 32' RT	2 GROUPS

31" W-BEAM GUARDRAIL MID-WAY SPLICE, SINGLE FACE - ITEM \*606.1301  
GR LENGTHS ARE MULTIPLES OF 12'-6" (12.5').  
LENGTHS FOR GR ENDS AND BRIDGE TRANSITIONS ARE NOT INCLUDED IN THIS ITEM.

STATION	TO	STATION	LENGTH
307+15	RT TO	307+74	62.5 LF
608+41	LT TO	609+41	100.0 LF

BRIDGE TRANSITION - (ASYMMETRICAL) - TYPE 1 - ITEM \*606.1307

STATION	TO	STATION	QUANTITY
307+74	RT TO	308+21	1 EA
608+00	LT TO	608+41	1 EA

31" W-BEAM GUARDRAIL MID-WAY SPLICE FLARED TERMINAL - ITEM \*606.1305

STATION	TO	STATION	QUANTITY
306+78	RT TO	307+15	1 EA
609+41	LT TO	609+78	1 EA

SINGLE WOOD POST - ITEM \*606.47

STATION	OFFSET	STATION	OFFSET
3+45	30' LT	2+55	21' RT
5+12	21' LT		
803+39	14' LT		

WOVEN WIRE FENCE - METAL POSTS - ITEM \*607.09

STATION	TO	STATION	LENGTH
208+31	RT TO	405+21	1,102 LF
516+11	LT TO	707+50	1,336 LF

BRACING ASSEMBLY TYPE 1 - METAL POSTS - ITEM \*607.32

LOCATION	QUANTITY
405+21	1 EA
707+50	1 EA

BRACING ASSEMBLY TYPE 11 - METAL POSTS - ITEM \*607.33

LOCATION	QUANTITY
208+31	1 EA
212+50	1 EA
213+00	1 EA
213+50	1 EA
213+78	1 EA
402+50	1 EA
404+76	1 EA
404+95	1 EA
516+11	1 EA
702+50	1 EA
704+60	1 EA
707+01	1 EA
SB ON RAMP LT (EVERY 660')	1 EA
NB OFF RAMP RT (EVERY 660')	1 EA
NB COMBINED RAMPS RT (EVERY 660')	2 EA

CURB TYPE 3 MOLD 2 - ITEM \*609.31

STATION	TO	STATION	LENGTH
3+47.47	28' LT TO	5+13.46	18.7' LT
			167 LF

PLAIN RIPRAP (INLET/OUTLET PROT.) - ITEM \*610.08

LOCATION	VOLUME
1+57	2.4 CY
2+72	2.9 CY
5+47	2.6 CY
212+02	9.5 CY
305+80	3.3 CY
311+89	3.3 CY
315+48	3.3 CY
402+50	7.3 CY
506+87	3.9 CY
516+30	10.8 CY
605+66	3.9 CY
612+39	3.9 CY
802+50	5.4 CY
LT & RT	

PLAIN RIPRAP (CULVERT OUTLET APRONS) - ITEM \*610.08

LOCATION	VOLUME
212+02	14.6 CY
305+80	4.2 CY
311+89	4.2 CY
315+48	4.2 CY
402+50	8.4 CY
516+30	14.6 CY
802+39	0.5 CY
802+38	0.5 CY
RT (UNDERDRAIN OUTLET)	
LT (UNDERDRAIN OUTLET)	

PLAIN RIPRAP (PLUNGE POOLS) - ITEM \*610.08

LOCATION	VOLUME
1+57	1.4 CY
802+50	1.1 CY
RT	
LT	

STONE DITCH PROTECTION - ITEM \*610.18

STATION	TO	STATION	VOLUME
212+00	RT TO	212+16	3.8 CY
402+50	LT (CULVERT INLET)		7.7 CY
515+80	LT TO	516+11	11.1 CY
612+39	LT (CULVERT INLET)		11.7 CY

TURF REINFORCEMENT MAT - ITEM \*613.40

STATION	TO	STATION	VOLUME
600+00	LT TO	604+50	300 SY
700+00	RT TO	701+00	67 SY
LT		RT	

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
18123.10

HIGHWAY PLANS

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

CONSTRUCTION NOTES

SHEET NUMBER  
13  
OF 182

PROJ. MANAGER  
R. CARRELL

CHECKED-DETAILED  
M. DEROWSKI

DESIGNED-DETAILED  
S. BABIUS

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

DATE

BY  
R. LEMIRE

SIGNATURE

P.E. NUMBER

DATE



EROSION CONTROL BLANKET, 2:1 SLOPES - ITEM \*613.319

STATION		TO	STATION		AREA
207+35	RT	TO	213+28	RT	1144.8 SY
208+90	LT	TO	211+59	LT	462.8 SY
213+50	RT	TO	213+79	RT	32.9 SY
300+00	RT	TO	305+20	RT	680.2 SY
302+07	LT	TO	304+75	LT	177.5 SY
311+08	RT	TO	311+99	RT	42.1 SY
400+00	LT	TO	402+47	LT	318.7 SY
400+00	RT	TO	401+11	RT	55.5 SY
402+54	LT	TO	405+28	LT	371.9 SY
402+54	RT	TO	405+20	RT	215.2 SY
501+56	LT	TO	503+98	LT	301.9 SY
506+71	LT	TO	506+94	LT	30.4 SY
508+36	LT	TO	515+92	LT	1560.3 SY
515+87	LT	TO	521+19	LT	858.5 SY
517+57	RT	TO	519+55	RT	238.6 SY
600+00	LT	TO	607+79	LT	2210.5 SY
601+54	RT	TO	604+50	RT	502.4 SY
608+66	LT	TO	611+80	LT	938.4 SY
612+00	LT	TO	612+67	LT	100.8 SY
700+00	LT	TO	700+80	LT	67.2 SY
700+00	RT	TO	707+50	RT	1300.3 SY

EROSION CONTROL BLANKET, 6 FT WIDE IN 2-6% DITCH SLOPES - ITEM \*613.319

STATION		TO	STATION		AREA
209+00	LT	TO	211+73	LT	182.0 SY
209+00	RT	TO	212+00	RT	200.0 SY
300+50	RT	TO	303+75	RT	216.7 SY
300+70	LT	TO	303+75	LT	203.3 SY
517+50	LT	TO	519+62	LT	141.3 SY
517+50	RT	TO	521+19	RT	246.3 SY
601+47	RT	TO	604+00	RT	168.7 SY
700+00	LT	TO	700+80	LT	53.3 SY
801+50	LT	TO	802+50	LT	66.7 SY
801+00	RT	TO	801+95	RT	63.3 SY
211+30	LT	TO	211+66	NB OFF CULVERT INLET	30.0 SY
212+27	RT	TO	213+34	NB OFF CULVERT OUTLET	119.8 SY

EROSION CONTROL BLANKET, COMPOST BLANKET PROTECTION - ITEM \*613.319

STATION		TO	STATION		AREA
208+50	RT	TO	213+78	RT	679.3 SY
300+00	RT	TO	305+50	RT	657.4 SY
400+00	LT	TO	403+50	LT	591.1 SY
403+50	RT	TO	405+00	RT	303.0 SY
514+00	LT	TO	520+00	LT	992.2 SY
600+00	LT	TO	607+75	LT	1184.3 SY
608+75	LT	TO	611+50	LT	652.8 SY
700+00	RT	TO	705+50	RT	1747.1 SY

COMPOST BLANKET - ITEM \*615.081

STATION		TO	STATION		VOLUME
208+50	RT	TO	213+78	RT	95.0 CY
300+00	RT	TO	305+50	RT	94.9 CY
400+00	LT	TO	403+50	LT	66.3 CY
403+50	RT	TO	405+00	RT	18.6 CY
514+00	LT	TO	520+00	LT	122.7 CY
600+00	LT	TO	607+75	LT	156.0 CY
608+75	LT	TO	611+50	LT	70.4 CY
700+00	RT	TO	705+50	RT	178.8 CY

SEEDING METHOD NUMBER 1 - ITEM \*618.13  
4 INCH LOAM DEPTH - ITEM \*615.07  
MULCH - ITEM \*619.12

STATION		TO	STATION		STATION	TO	STATION	
1+00	TO		1+84	LT		1+98	TO	2+12 RT
2+72	TO		3+24	LT		4+04	TO	4+19 RT
3+38	TO		5+19	LT		168+26	TO	168+78 RT
5+32	TO		5+52	LT		169+10	TO	171+03 RT
168+63	TO		171+14	LT				
802+38	TO		803+10	LT				
803+31	TO		803+56	LT				

SEEDING METHOD NUMBER 2 - ITEM \*618.14  
2 INCH LOAM DEPTH - ITEM \*615.07  
MULCH - ITEM \*619.12

STATION		TO	STATION		STATION	TO	STATION	
10+16	TO		11+41	LT		11+40	TO	10+17 RT
208+09	TO		213+07	LT		200+00	TO	213+79 RT
300+69	TO		305+71	LT		300+00	TO	321+03 RT
400+00	TO		405+28	LT		400+00	TO	405+30 RT
500+00	TO		521+19	LT		515+33	TO	520+47 RT
600+00	TO		613+70	LT		600+69	TO	605+57 RT
700+00	TO		707+54	LT		700+00	TO	707+64 RT
800+19	TO		802+38	LT		800+08	TO	803+61 RT

SEEDING METHOD NUMBER 3 - ITEM \*618.141  
2 INCH LOAM DEPTH - ITEM \*615.07  
MULCH - ITEM \*619.12

STATION		TO	STATION		STATION	TO	STATION	
209+50	TO		211+35	LT		207+35	TO	213+28 RT
508+36	TO		521+19	LT		700+00	TO	701+00 RT
600+00	TO		607+79	LT		701+54	TO	707+63 RT
608+66	TO		611+85	LT		800+18	TO	802+08 RT
700+00	TO		701+00	LT		PULVERIZED CONCRETE SLAB AREAS		

CULVERT CLEANER (INCLUDING OPERATOR) - ITEM \*631.32

STATION		QUANTITY
CROSS CULVERT EXTENSION AT STA. 305+80 RT		2 HRS
CROSS CULVERT EXTENSION AT STA. 311+89 RT		2 HRS
CROSS CULVERT EXTENSION AT STA. 315+48 RT		2 HRS
CROSS CULVERT EXTENSION AT STA. 506+87 LT		2 HRS
CROSS CULVERT EXTENSION AT STA. 605+66 LT		2 HRS
CROSS CULVERT EXTENSION AT STA. 612+39 LT		2 HRS
EXISTING CROSS CULVERT AT STA. 3018+90 LT		2 HRS

TYPE A LIGHT STANDARD - 40 FEET - ITEM \*634.2101  
LED LUMINAIRE - ITEM \*634.2042  
30 INCH DIAM., 8 FEET OR LESS FOUNDATION - ITEM \*626.33

STATION	OFFSET	REMARKS
104+96	20.94' LT	PROVIDE HOUSE SIDE SHIELD ON LUMINAIRE
119+88	18.65' LT	PROVIDE HOUSE SIDE SHIELD ON LUMINAIRE
208+15	18.00' RT	
515+07	18.00' LT	
604+80	18.00' RT	
2010+40	42.00' RT	
2012+75	42.00' RT	
2015+10	42.00' RT	
2025+00	42.00' RT	
2027+35	42.00' RT	
2029+70	42.00' RT	
2032+05	42.00' RT	
2034+40	42.00' RT	
2036+75	42.00' RT	
2039+00	42.00' RT	
3003+00	42.00' LT	
3005+35	42.00' LT	
3007+70	42.00' LT	
3010+05	42.00' LT	
3012+40	42.00' LT	
3014+75	42.00' LT	
3025+30	42.00' LT	
3027+65	42.00' LT	
3030+00	42.00' LT	

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  

14

OF 182

CONSTRUCTION NOTES

WIN  
18125.10  
HIGHWAY PLANS

PROJ. MANAGER  
R. CARRELL

CHECKED  
S. BABALUS

DESIGNED  
M. DEBOWSKI

DATE  
4/27/2016

BY  
R. LEMIRE

DATE  
4/27/2016

REVISIONS  
1

REVISIONS  
2

REVISIONS  
3

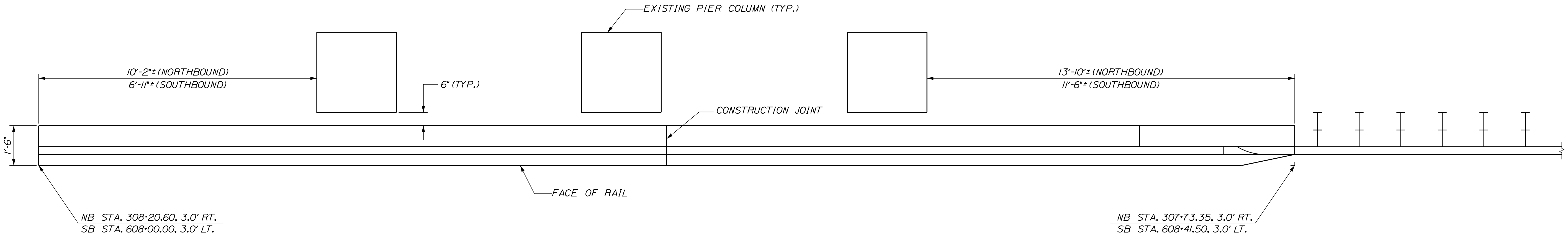
REVISIONS  
4

FIELD CHANGES

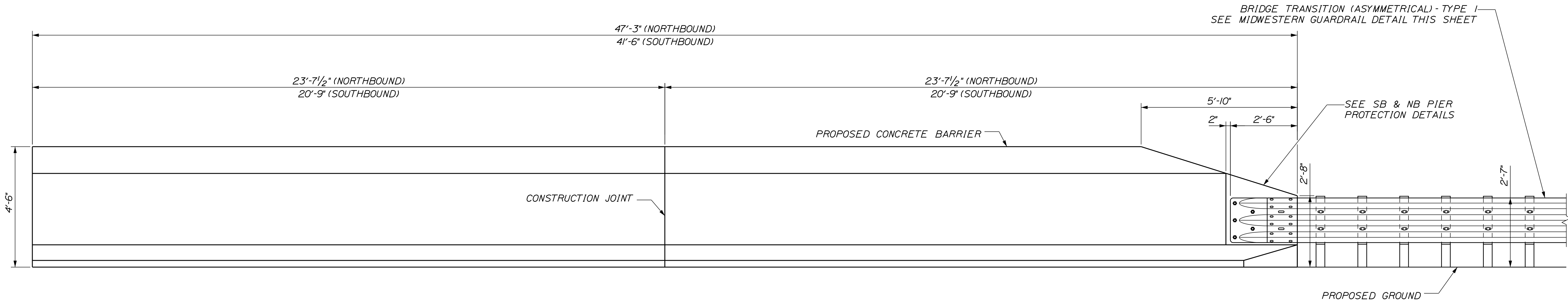
SIGNATURE  
4/27/2016

P.E. NUMBER  
4/27/2016

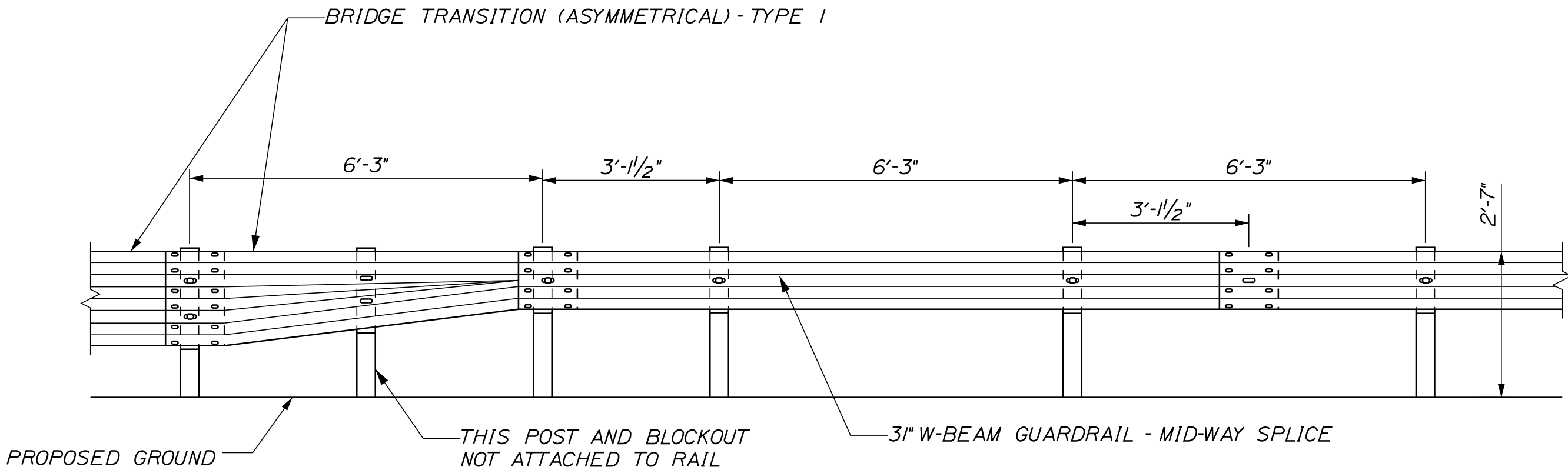
DATE  
4/27/2016



CONCRETE PIER PROTECTION BARRIER - PLAN  
NOT TO SCALE



CONCRETE PIER PROTECTION BARRIER - ELEVATION  
NOT TO SCALE



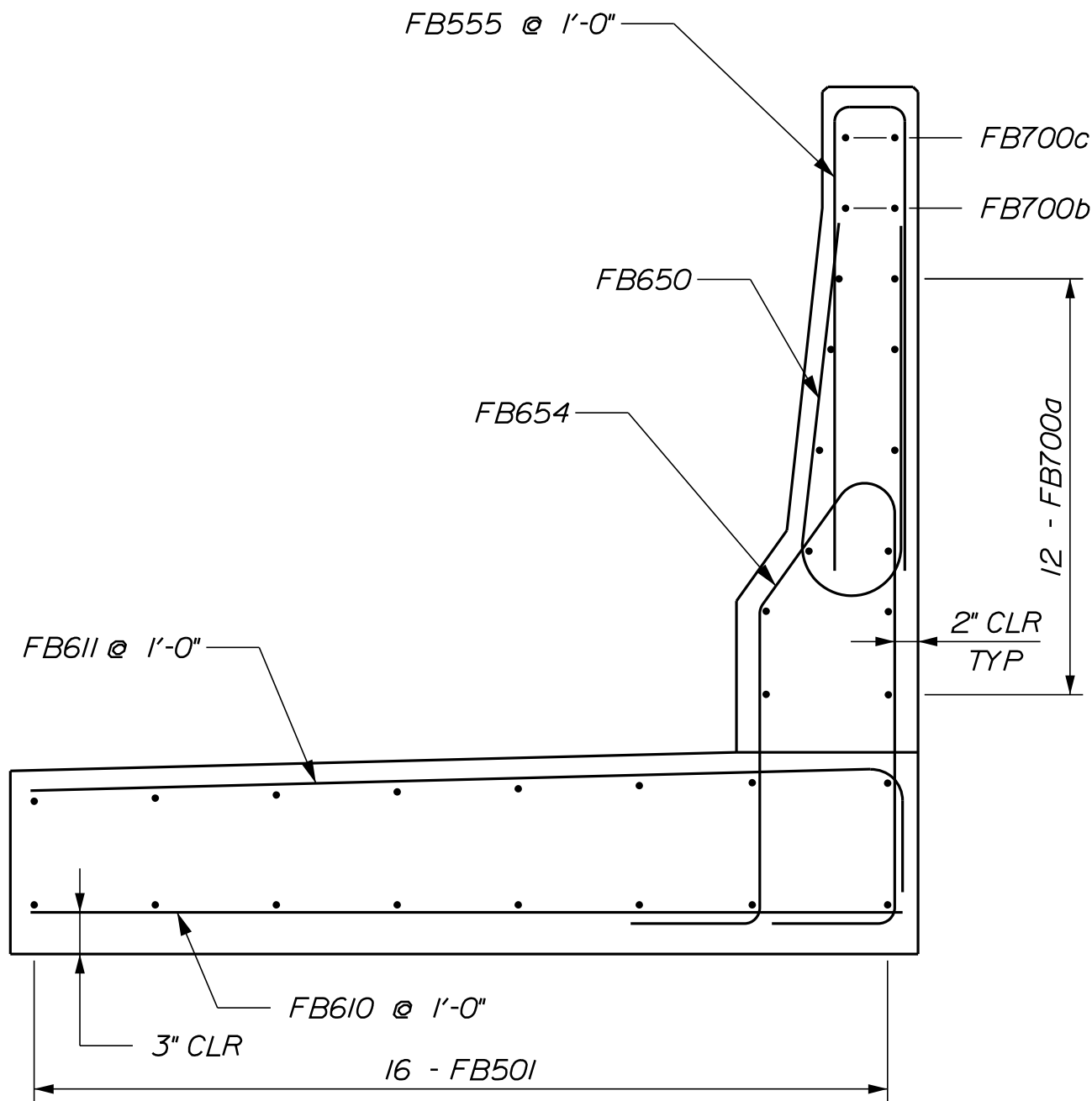
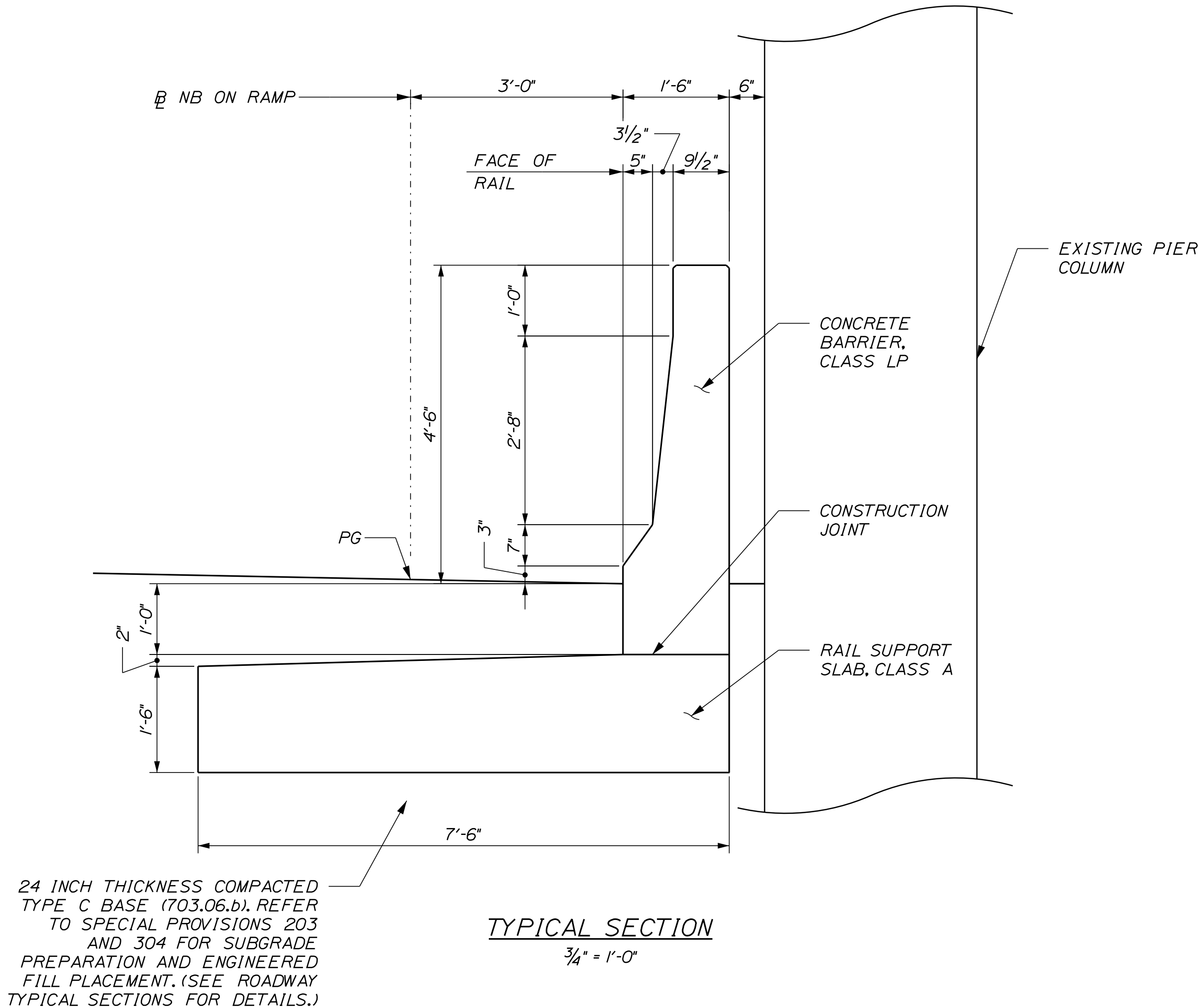
MIDWESTERN GUARDRAIL DETAIL - ELEVATION  
NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
WIN
18129.10
HIGHWAY PLANS

PROJ. MANAGER	DATE	BY	SIGNATURE
E. MARTIN			
CHECKED-REVIEWED			
M. DEBOWSKI			
DESIGNED-DRAWN			
S. BABIUS			
DESIGNED-DRAWN			
R. LEMIRE			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

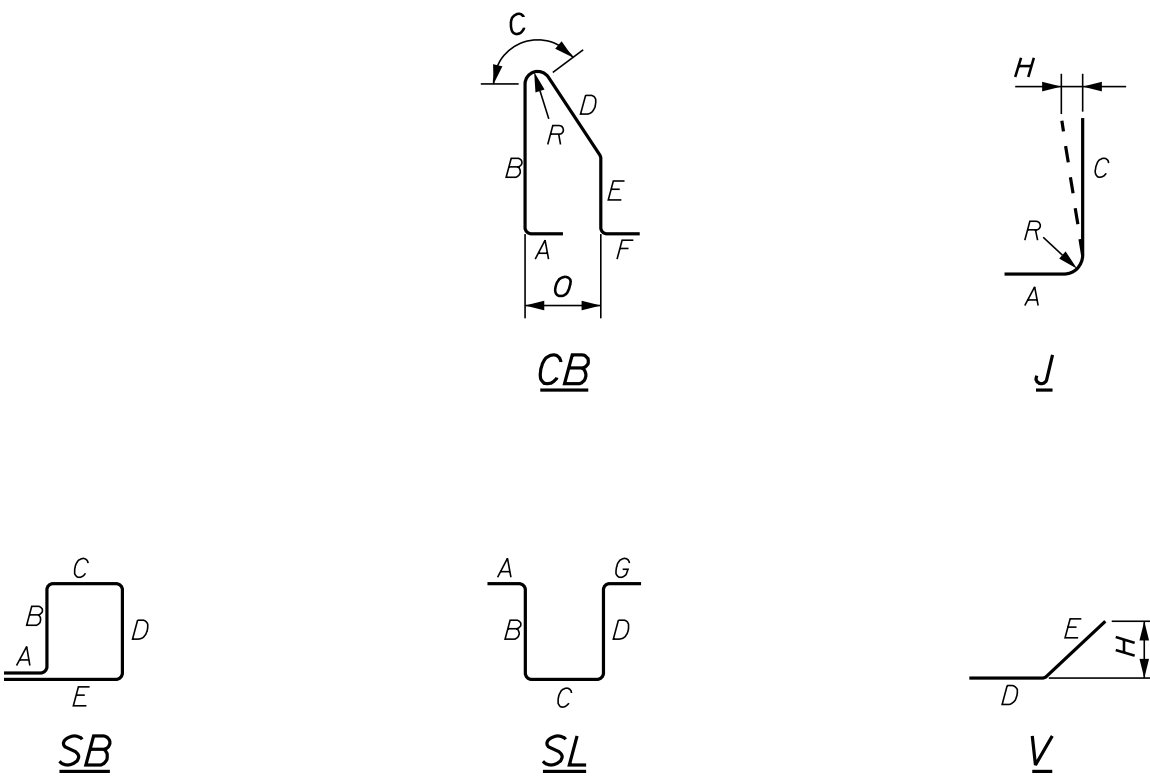
WATERVILLE AND SIDNEY
TRAFTON ROAD INTERCHANGE
PIER PROTECTION DETAILS

SHEET NUMBER
15
OF 182

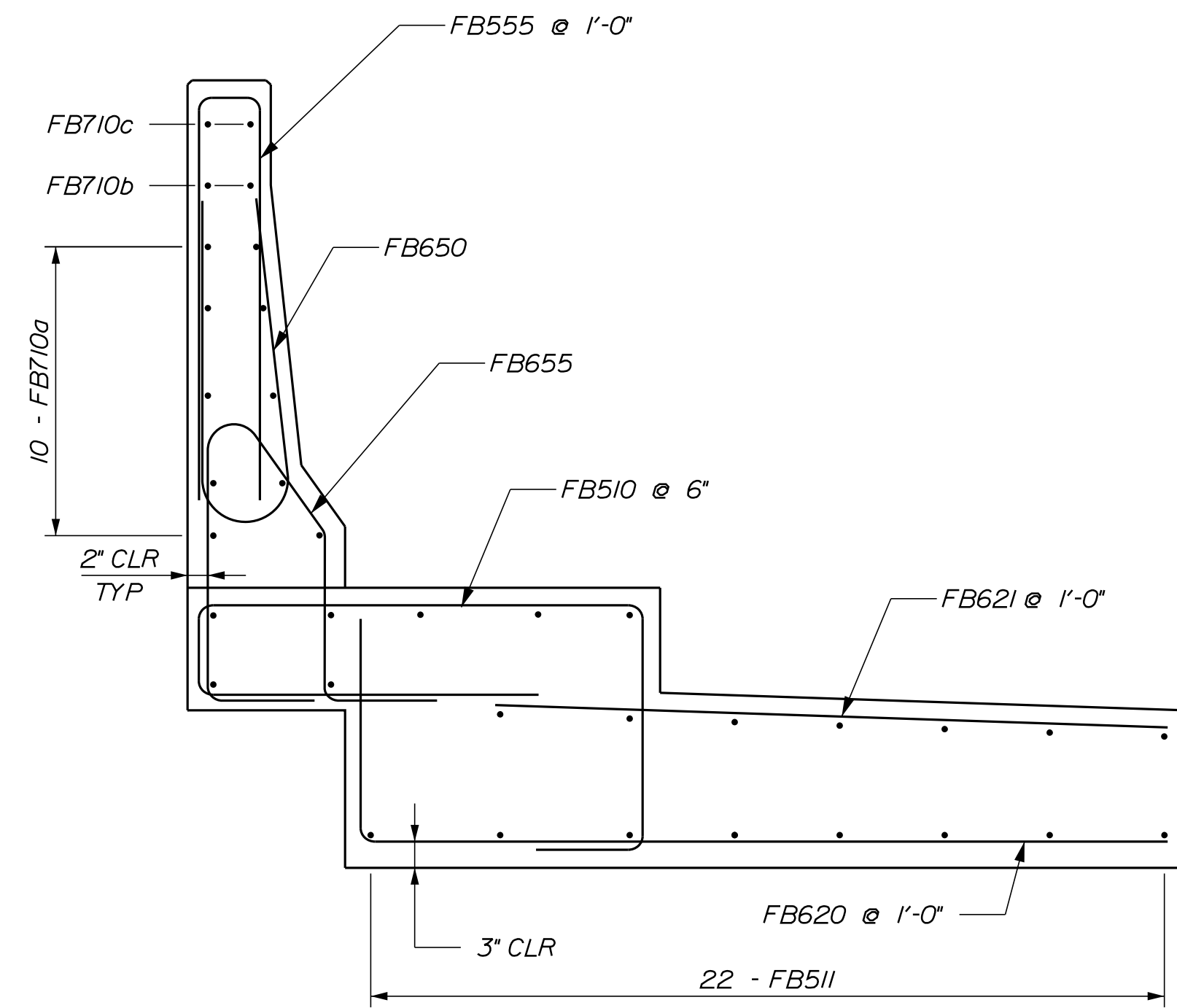


NORTHBOUND BARRIER AND RAIL SUPPORT SLAB REINFORCING														
MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
FB50I	16	46'-9"	STR											LONGITUDINAL SUPPORT SLAB REINF.
FB555	46	6'-6"	SL		3'-0"	5 1/2"	3'-0"							VERTICAL BARRIER STIRRUP EXTENSIONS - EPOXY COATED
FB600	10	2'-10"	STR											VERTICAL TRANSITION BARS - EPOXY COATED
FB60I	2	8'-10"	V				6'-0"	2'-10"			10"			TOP TRANSITION BARS - EPOXY COATED
FB610	48	7'-0"	STR											TRANSVERSE SUPPORT SLAB REINF.
FB61I	48	8'-0"	J	1'-0"		7'-0"					2 1/2"		2 1/4"	TRANSVERSE SUPPORT SLAB REINF.
FB650	47	6'-7"		SEE STANDARD DETAIL 526(20)										VERTICAL BARRIER STIRRUPS - EPOXY COATED
FB65I	5	6'-5"	SB	1'-0"	1'-10"	9"	1'-10"	1'-0"						VERTICAL BARRIER STIRRUPS - EPOXY COATED
FB654	47	9'-9"	CB	1'-0"	3'-4"	8"	1'-2"	2'-7"	1'-0"			1'-1 1/2"	3 1/4"	VERTICAL BARRIER STIRRUPS - EPOXY COATED
FB700a	12	44'-3"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB700b	2	42'-4"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB700c	2	41'-3"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB70I	16	5'-4"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB750	1	5'-5"		SEE STANDARD DETAIL 526(20)										LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB75I	1	5'-5"		SEE STANDARD DETAIL 526(20)										LONGITUDINAL BARRIER REINF. - EPOXY COATED

TYPE - BENDING DIAGRAMS



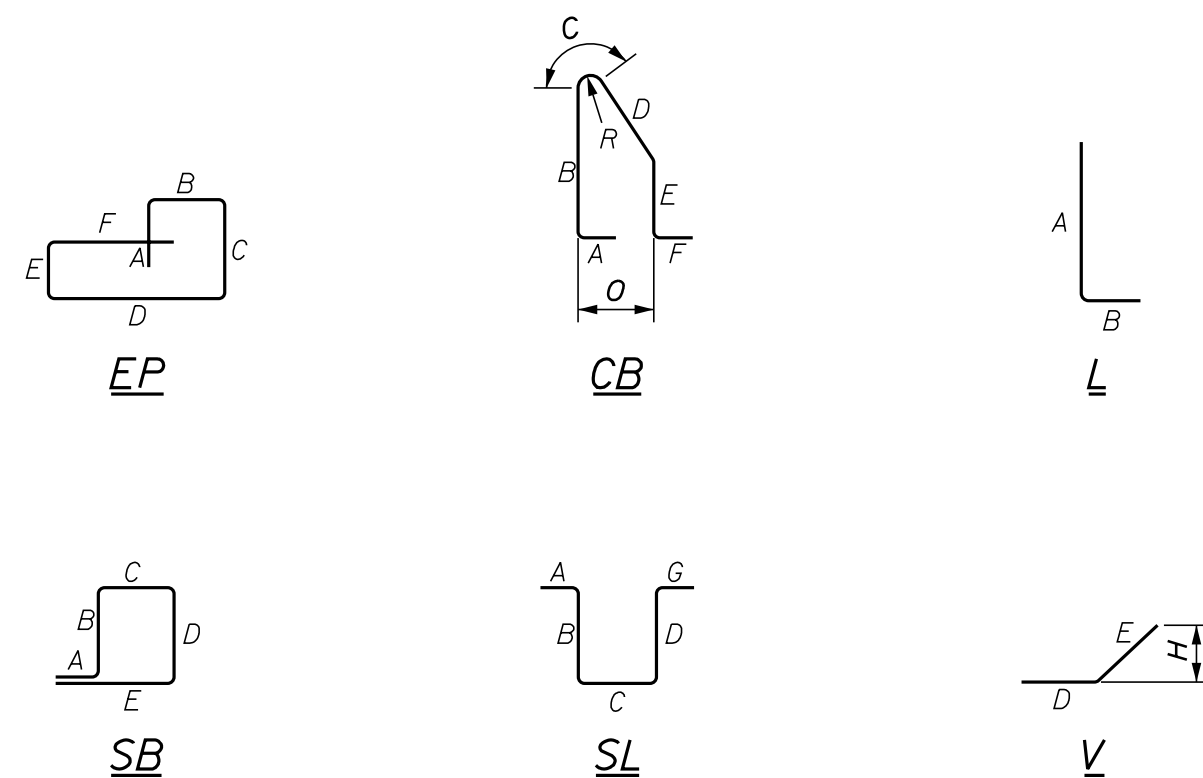


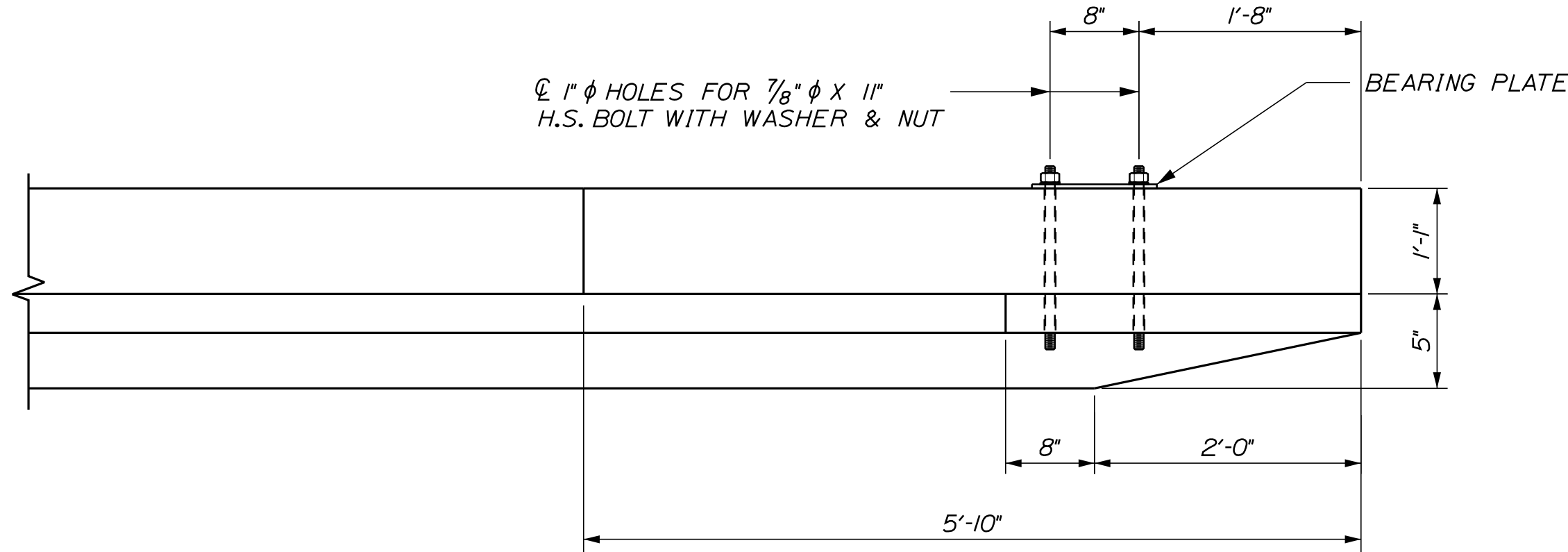
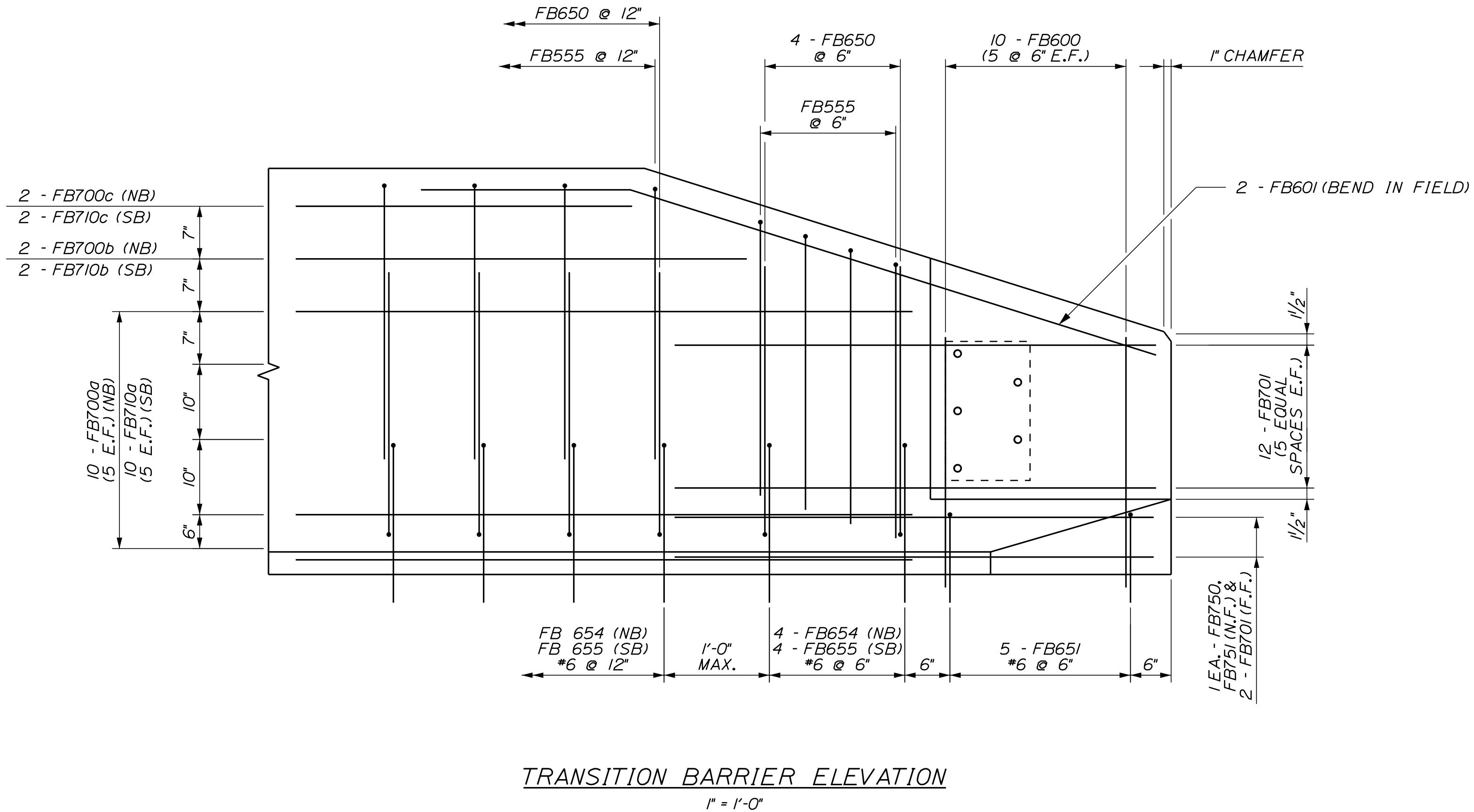
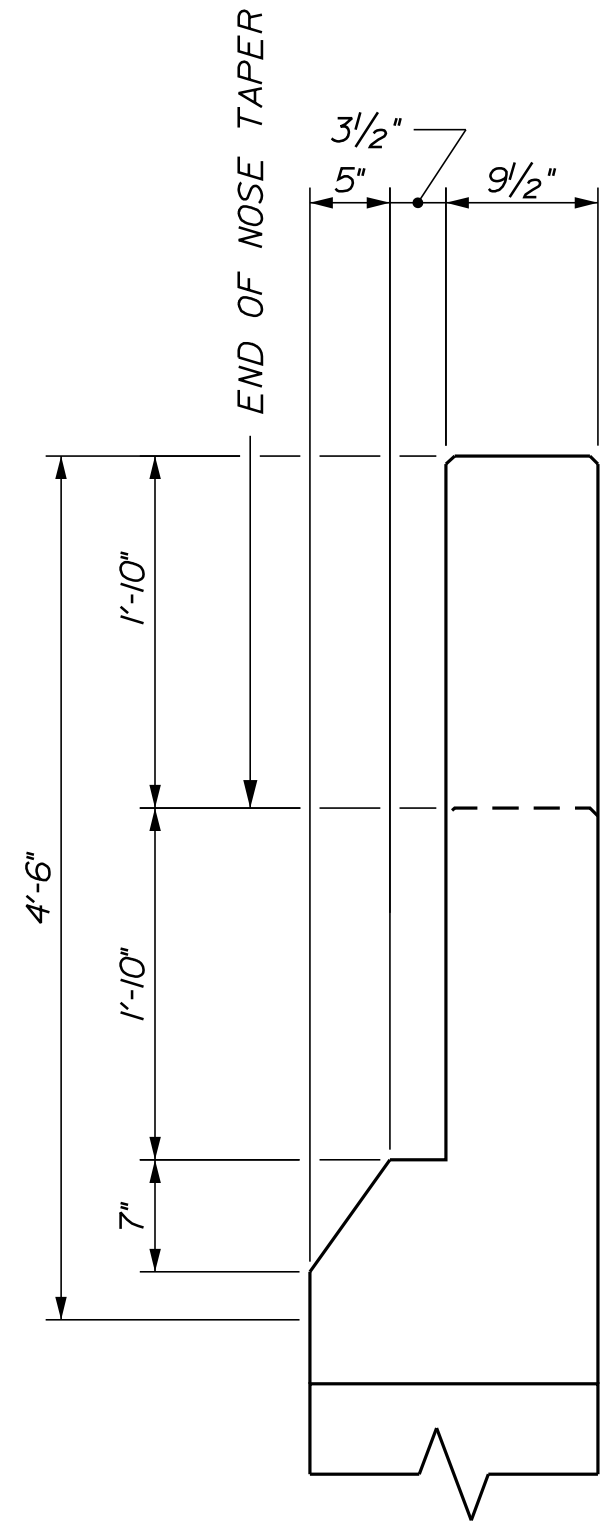
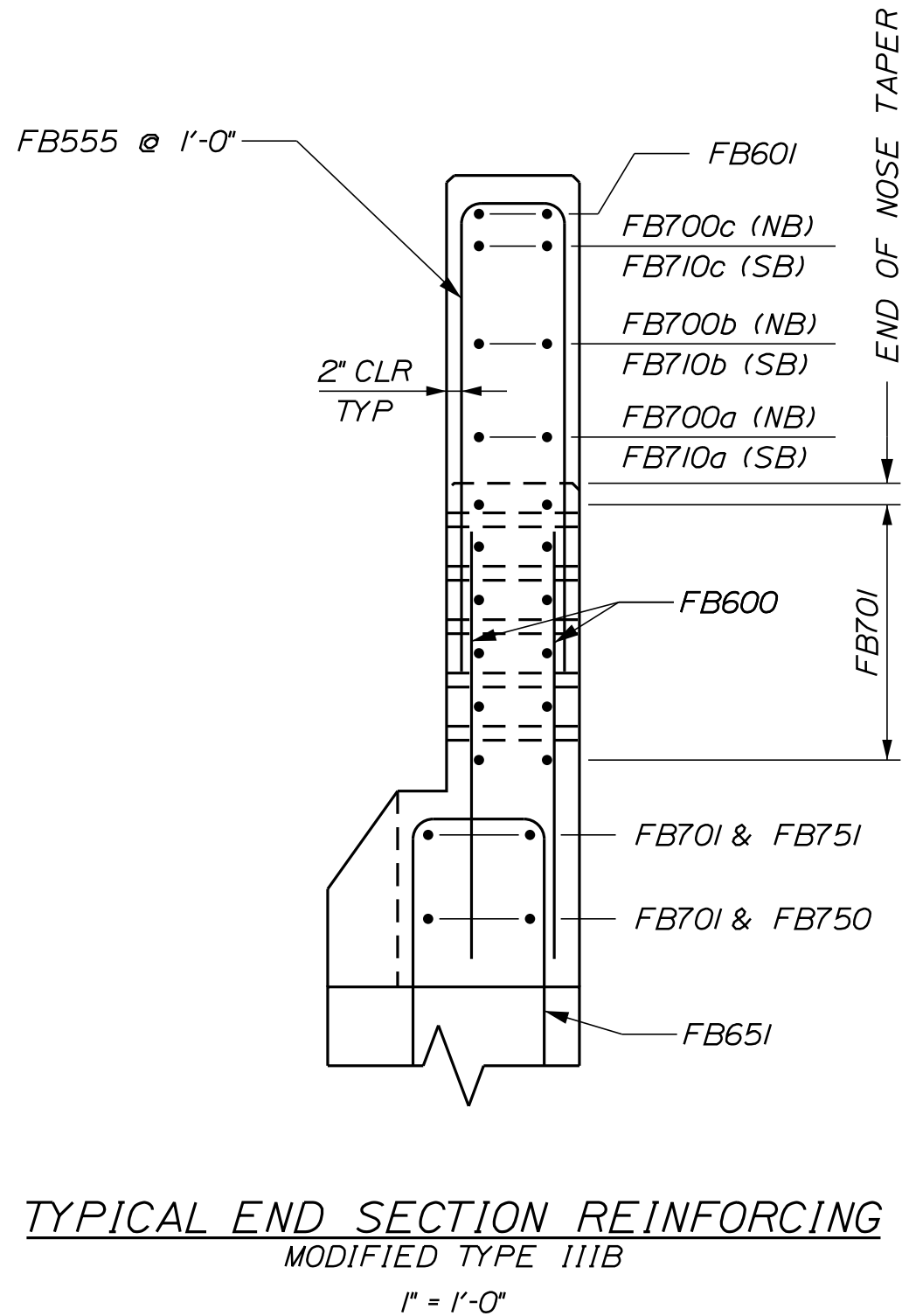


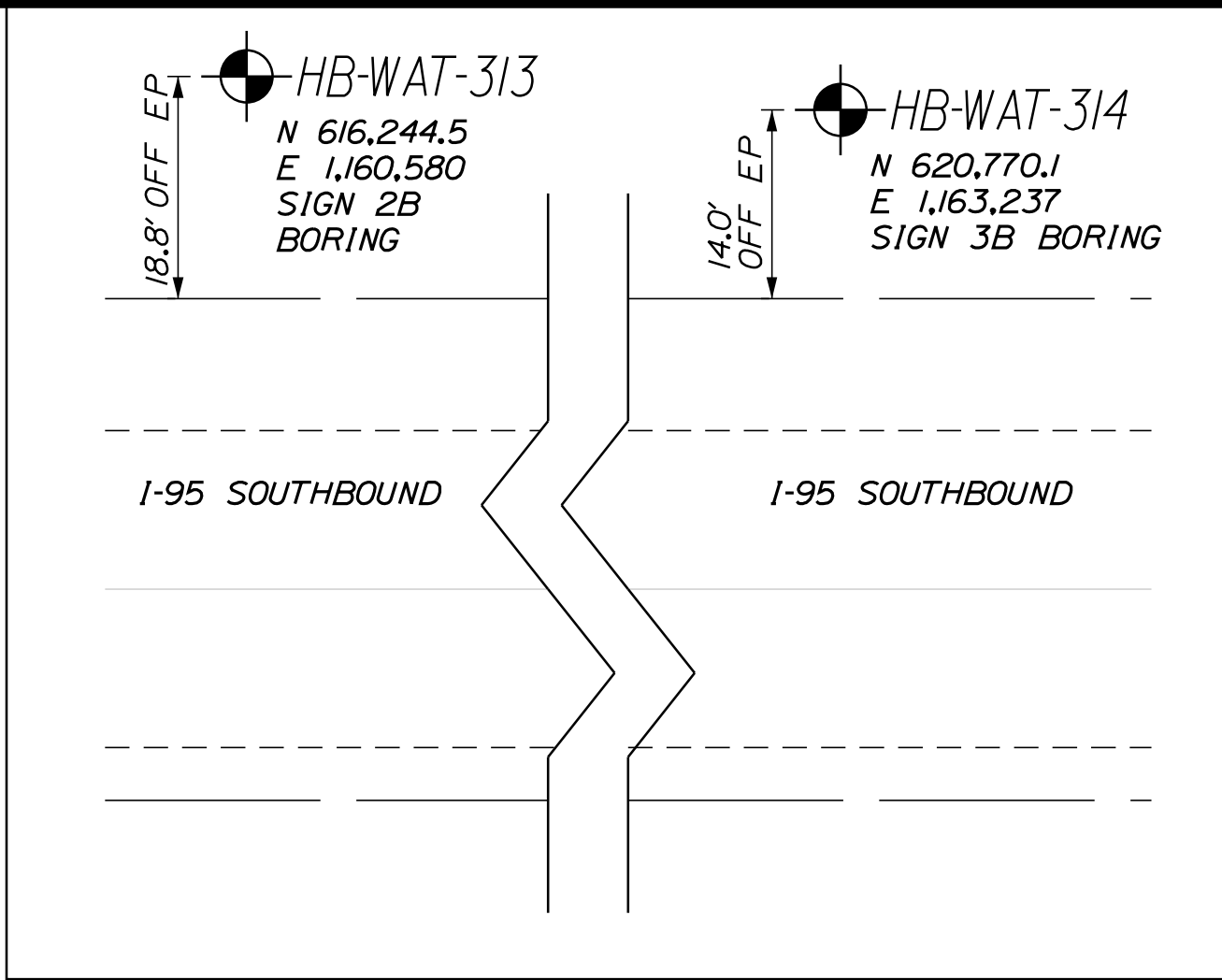
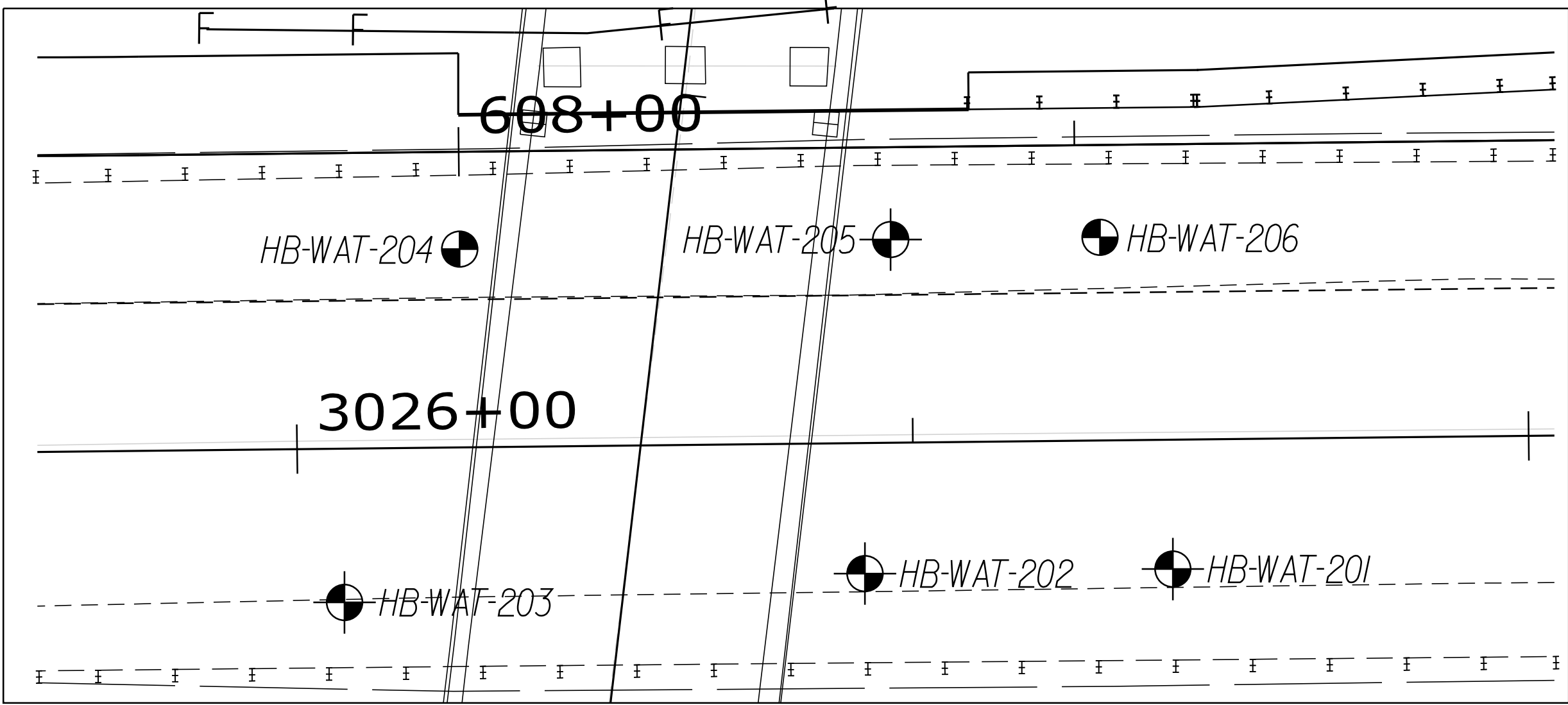
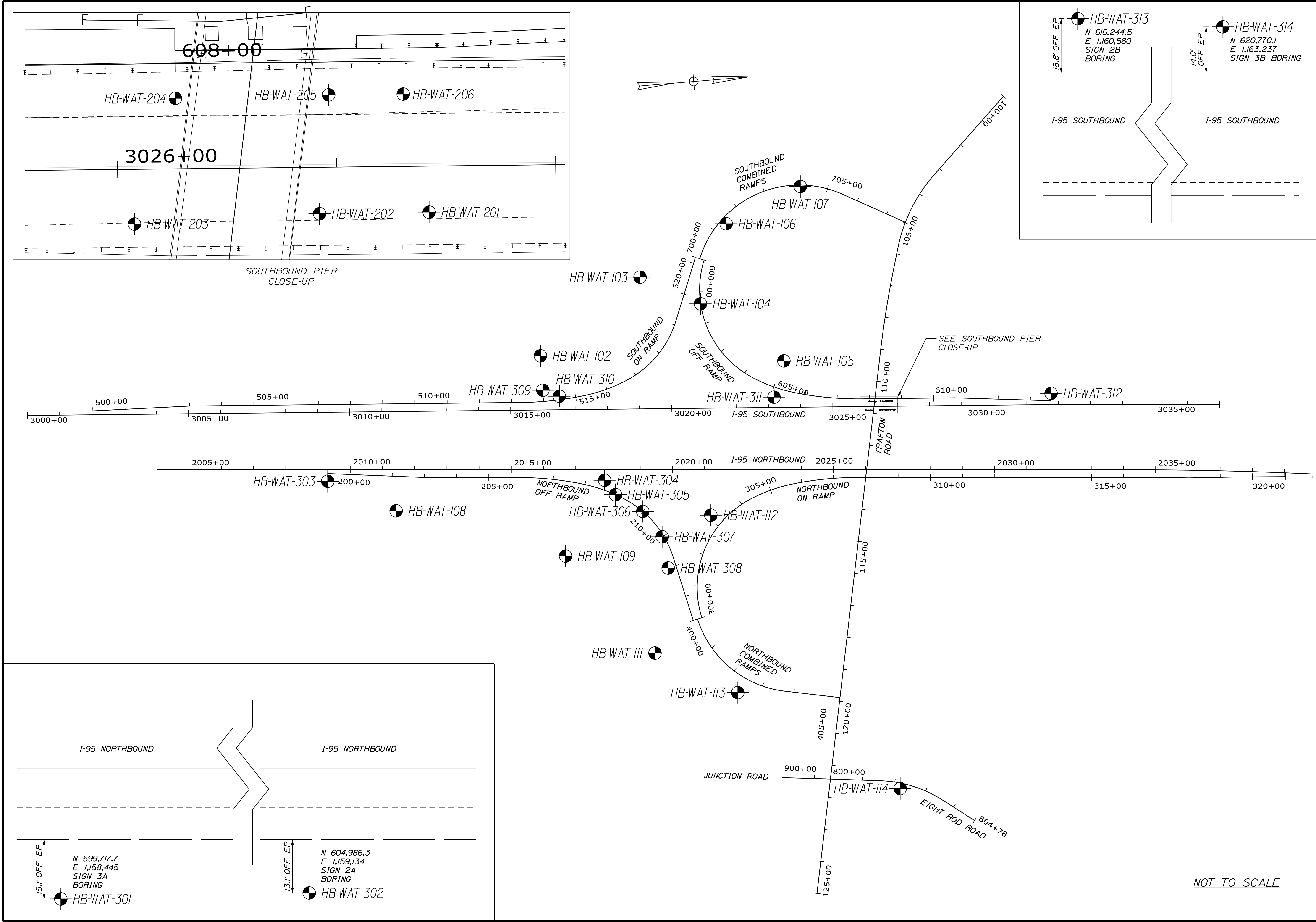
TYPICAL REINFORCING  
3/4" = 1'-0"

SOUTHBOUND BARRIER AND RAIL SUPPORT SLAB REINFORCING														
MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
FB510	84	11'-3"	EP		1'-0"	2'-3"	4'-2"	9"	3'-1"					TRANSVERSE SUPPORT SLAB REINF.
FB511	22	41'-0"	STR											LONGITUDINAL SUPPORT SLAB REINF.
FB555	40	6'-6"	SL		3'-0"	5/2"	3'-0"							VERTICAL BARRIER STIRRUP EXTENSIONS - EPOXY COATED
FB600	10	2'-10"	STR											VERTICAL TRANSITION BARS - EPOXY COATED
FB601	2	8'-10"	V				6'-0"	2'-10"			10"			TOP TRANSITION BARS - EPOXY COATED
FB620	42	9'-6"	L	7'-6"	2'-0"									TRANSVERSE SUPPORT SLAB REINF.
FB621	42	6'-6"	STR											TRANSVERSE SUPPORT SLAB REINF.
FB650	42	6'-7"		SEE STANDARD DETAIL 526(20)									VERTICAL BARRIER STIRRUPS - EPOXY COATED	
FB651	5	6'-5"	SB	1'-0"	1'-10"	9"	1'-10"	1'-0"						VERTICAL BARRIER STIRRUPS - EPOXY COATED
FB655	42	7'-5"	CB	1'-0"	2'-2"	8"	1'-2"	1'-5"	1'-0"			1'-1/2"	3/4"	VERTICAL BARRIER STIRRUPS - EPOXY COATED
FB710a	10	38'-6"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB710b	2	36'-8"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB710c	2	35'-5"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB701	14	5'-4"	STR											LONGITUDINAL BARRIER REINF. - EPOXY COATED
FB750	1	5'-5"		SEE STANDARD DETAIL 526(20)									LONGITUDINAL BARRIER REINF. - EPOXY COATED	
FB751	1	5'-5"		SEE STANDARD DETAIL 526(20)									LONGITUDINAL BARRIER REINF. - EPOXY COATED	

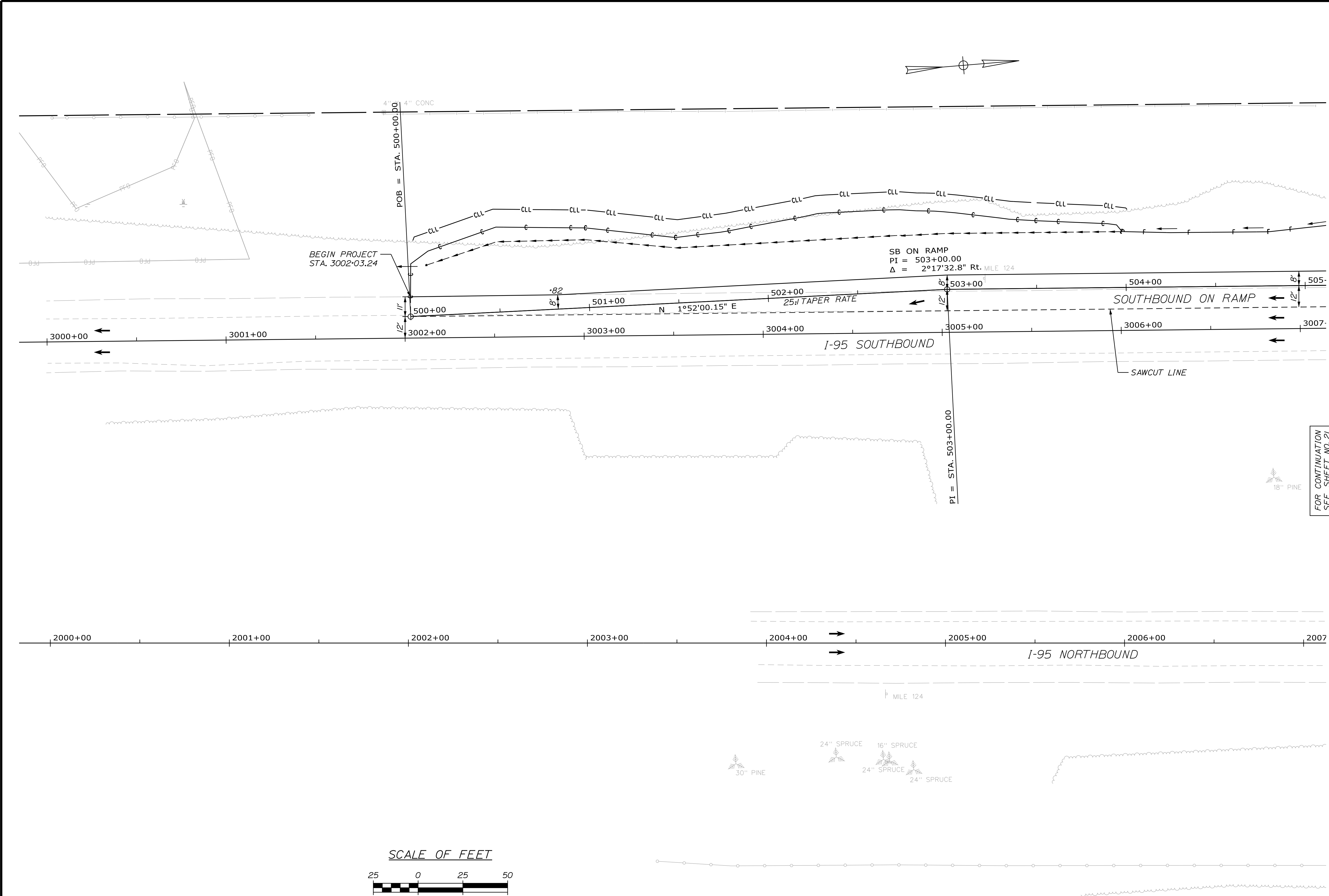
TYPE - BENDING DIAGRAMS







SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER E. MARTIN		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
19		BORING LOCATIONS		CHECKED-REVIEWED		M. DEBOWSK				SIGNATURE	
				DESIGN2-DETAILED2		S. RABAILIS					
				DESIGN3-DETAILED3		R. LEMIRE					
				REVISIONS 1				P.E. NUMBER			
OF 182				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES						WIN 18129.10 HIGHWAY PLANS	



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**20**  
OF 182

SIGNATURE  
P.E. NUMBER  
DATE

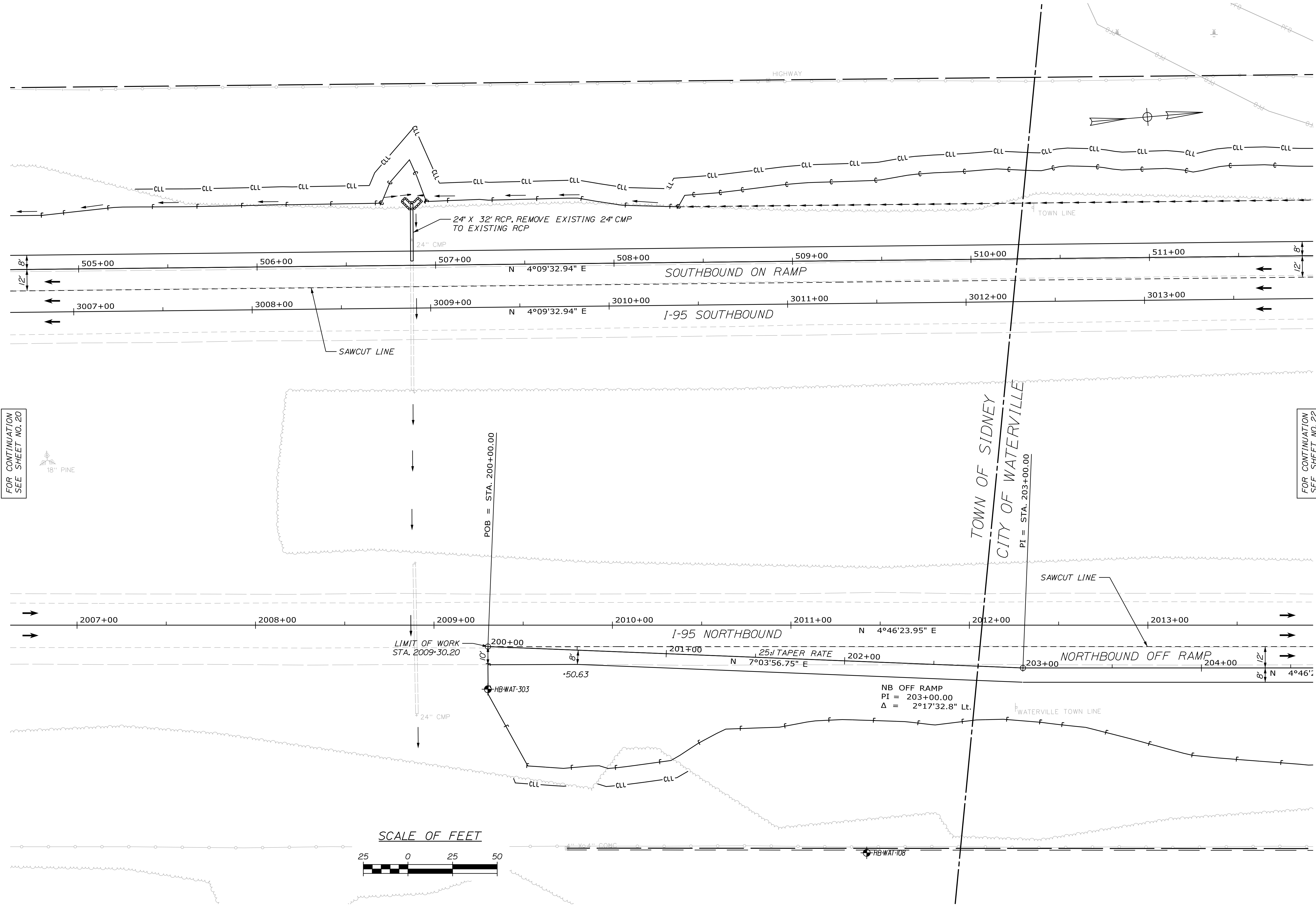
PROJ. MANAGER  
DESIGNED-DETAILED  
CHECKED-REVIEWED  
DESIGNED-DETAILED  
REVISIONS 1  
REVISIONS 2  
REVISIONS 3  
REVISIONS 4  
FIELD CHANGES

BY  
DATE

PLANS

WIN  
18129.10  
HIGHWAY PLANS





FOR CONTINUATION  
SEE SHEET NO. 20

FOR CONTINUATION  
SEE SHEET NO. 22

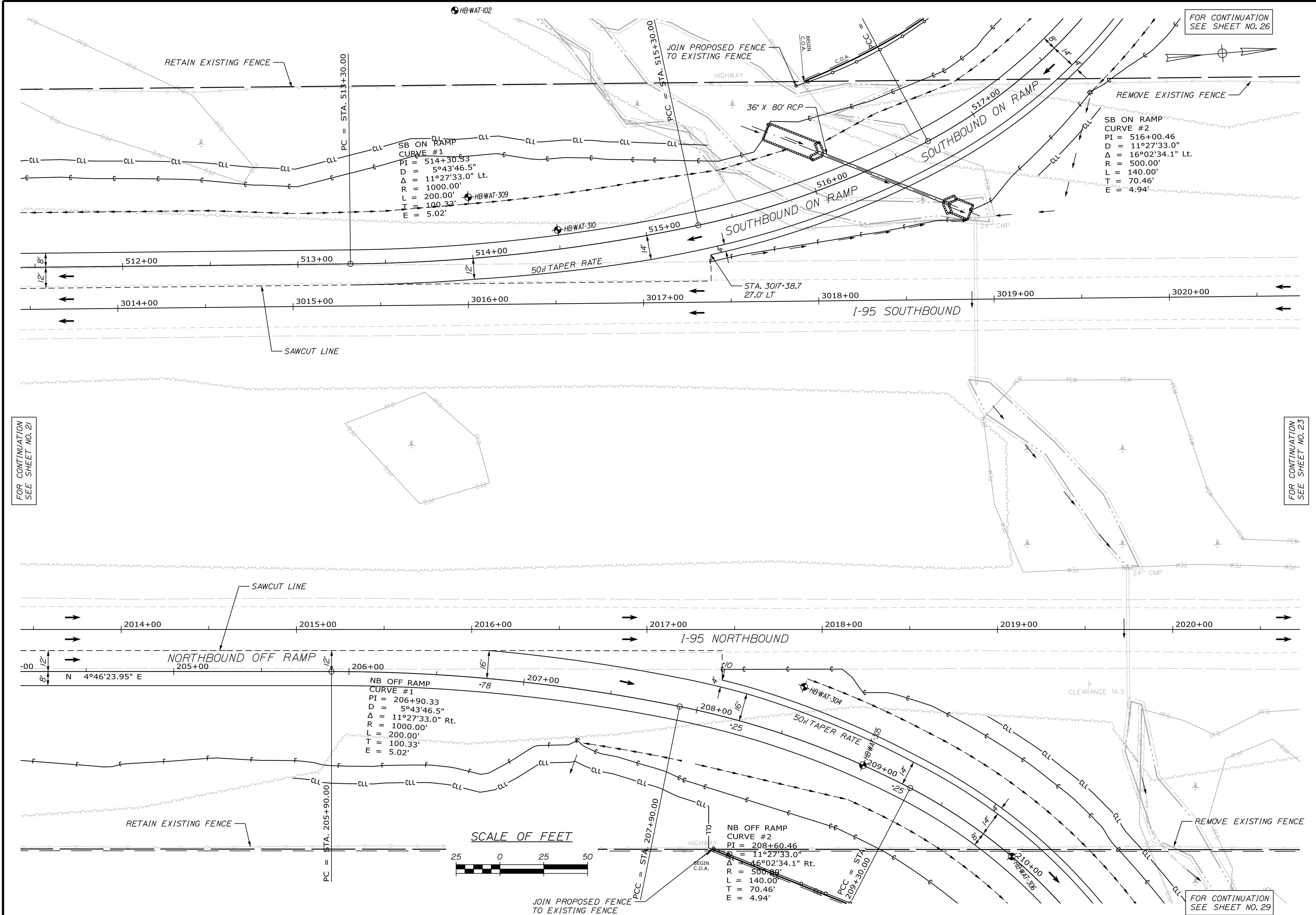
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		DATE
		P.E. NUMBER		
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PLANS		
SHEET NUMBER		WIN 18129.10 HIGHWAY PLANS		
21		OF 182		

Date: 4/27/2016

Username: mdebowski

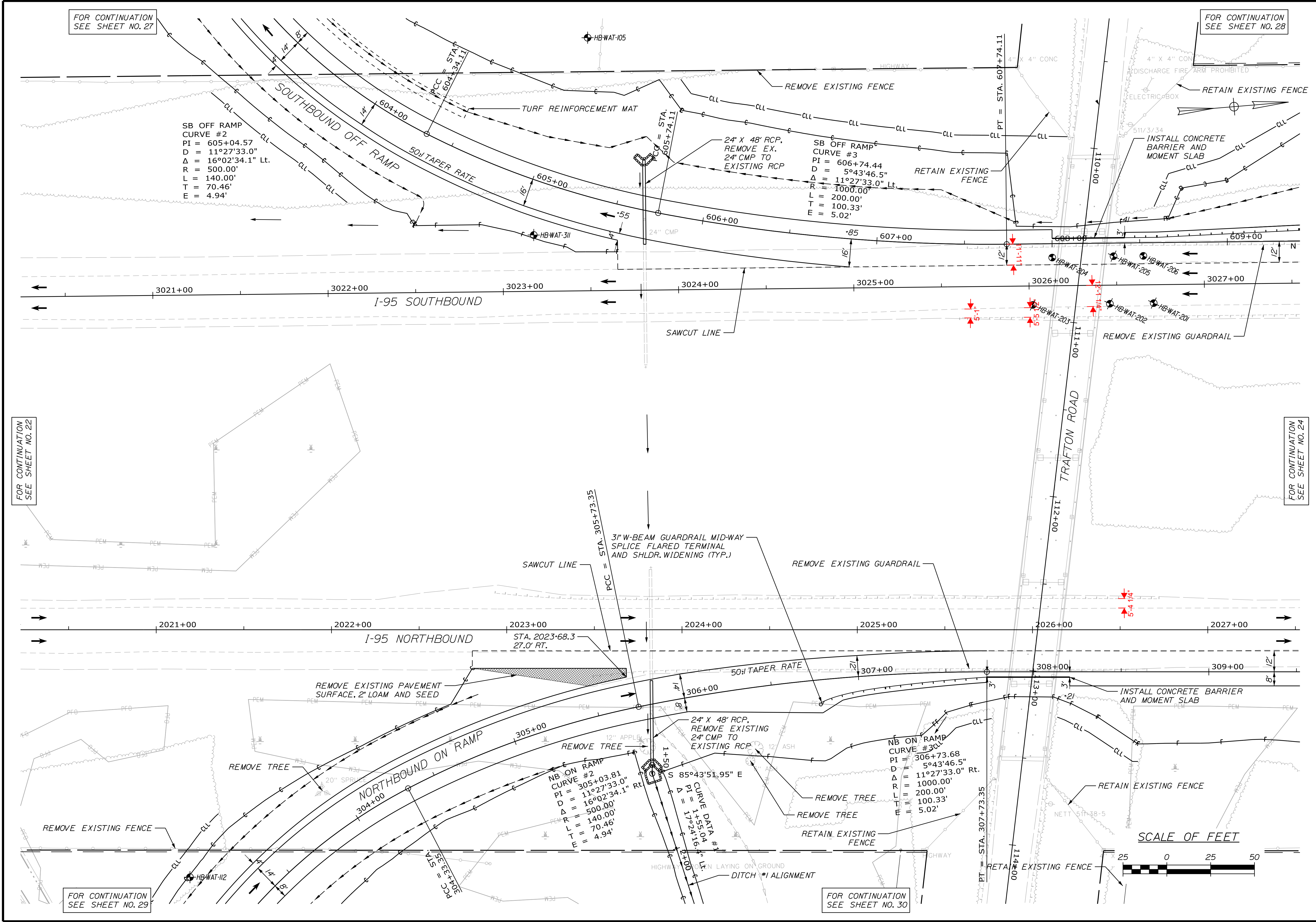
Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA022\_HDPLAN03.dgn



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN		18129.10		HIGHWAY PLANS	
WATERVILLE AND SIDNEY		TRAFTON ROAD INTERCHANGE		PLANS		SHEET NUMBER		22	
DATE		SIGNATURE		P.E. NUMBER		DATE		OF 182	
PROJECT MANAGER		DESIGN-DETAILED		DESIGN-REVIEWED		DESIGN-DETAILED		REVISIONS 1	
BY		E. MARTIN		M. DEBOWSKI		S. BARAJIS		R. LEMIRE	
REVISIONS 2		REVISIONS 3		REVISIONS 4		FIELD CHANGES			



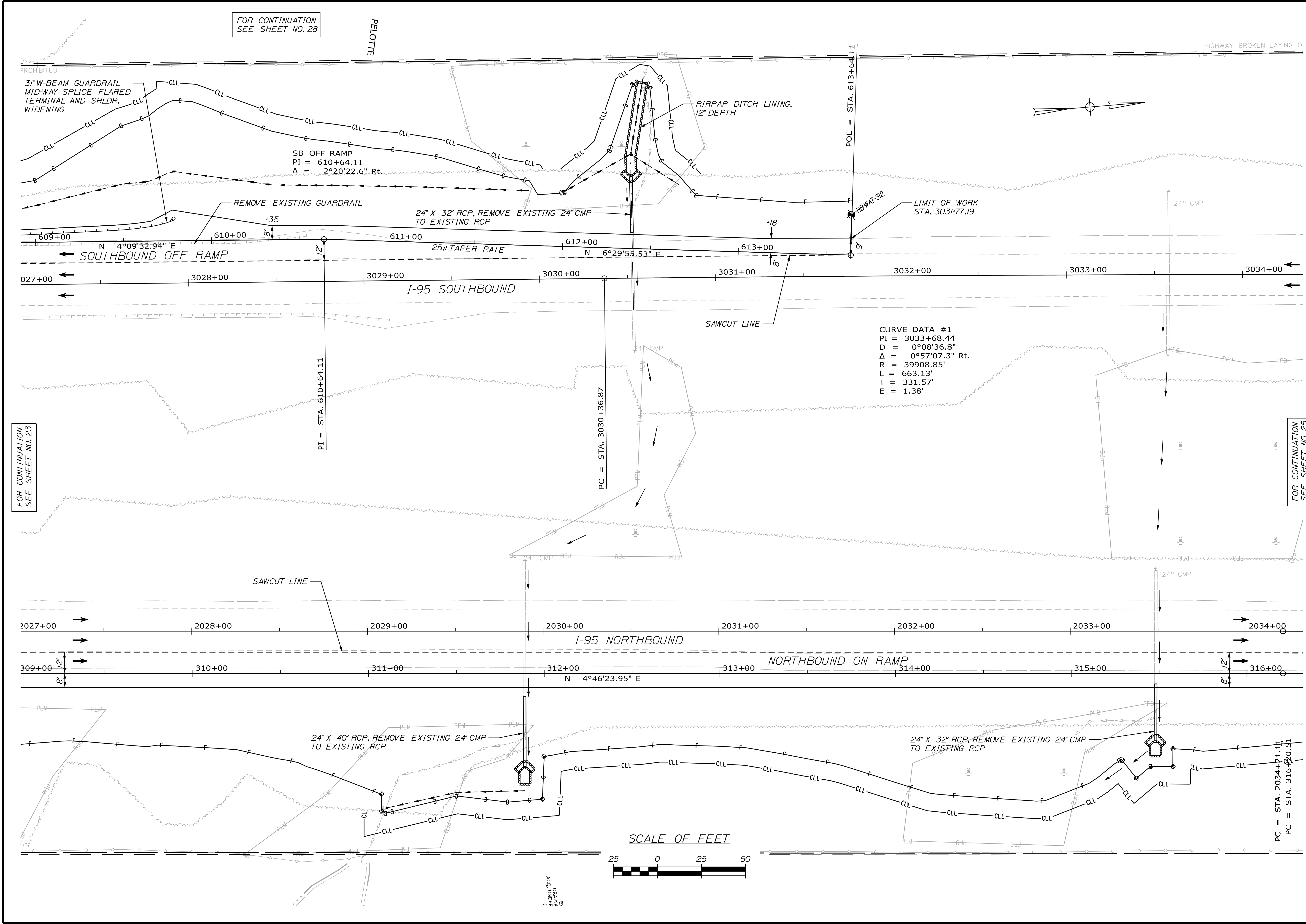


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN 18129.10		HIGHWAY PLANS	
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PLANS		SHEET NUMBER 23		OF 182	
PROJ. MANAGER	E. MARTIN	BY		DATE		SIGNATURE	P.E. NUMBER
CHECKED/REVIEWED	M. DEBOWSKI						
DESIGNED/DETAILED	S. BARAJIS						
REVISIONS 1	DESIGNED/DETAILED	R. LEMIRE					
REVISIONS 2							
REVISIONS 3							
REVISIONS 4							
FIELD CHANGES						DATE	

Date: 4/27/2016

Username: mdebowski

Filename: ... \HIGHWAY\MSTA\024\_HDPLAN05.dgn Division: HIGHWAY



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

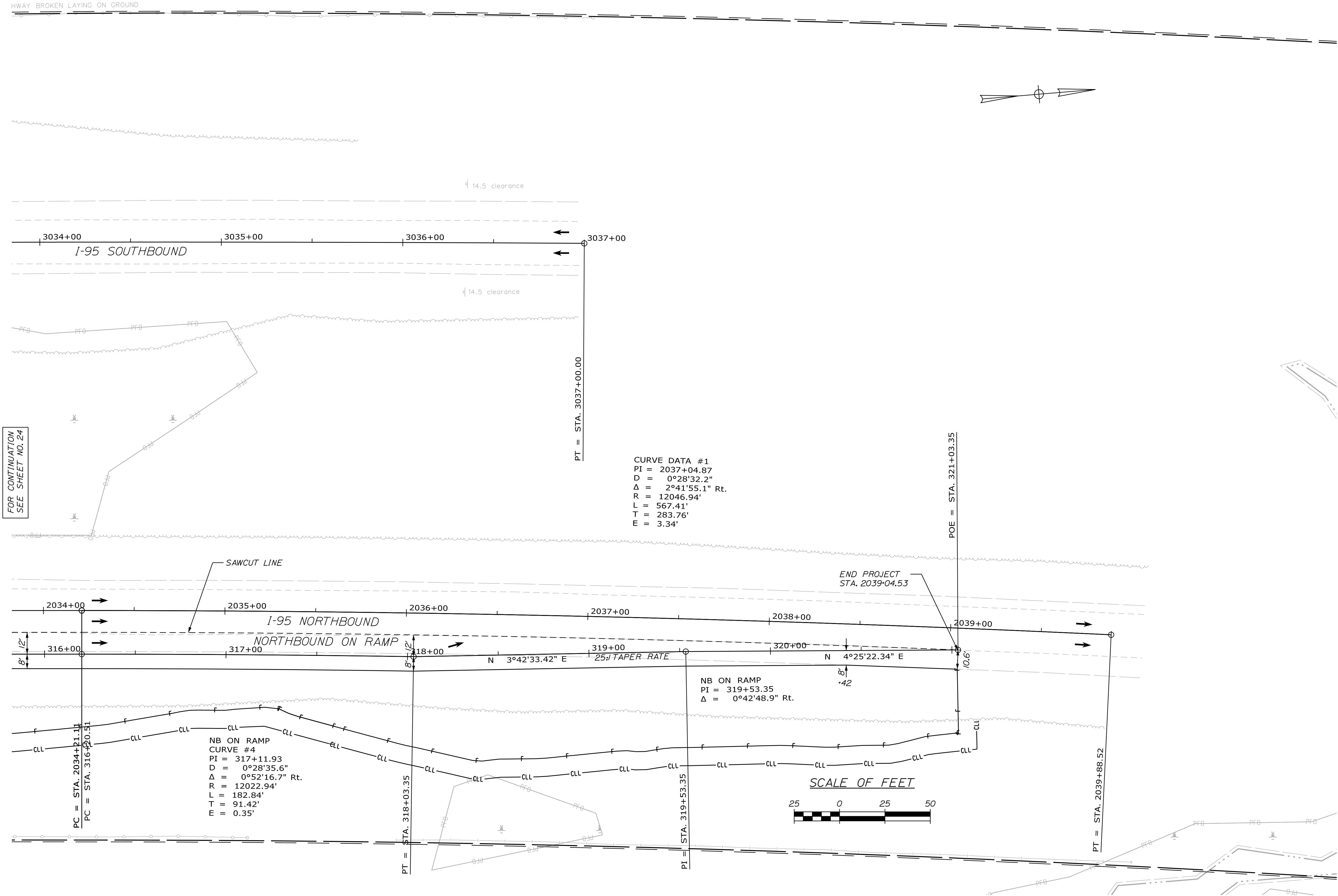
SHEET NUMBER  
**24**  
OF 182

PLANS

WIN  
18129.10  
HIGHWAY PLANS

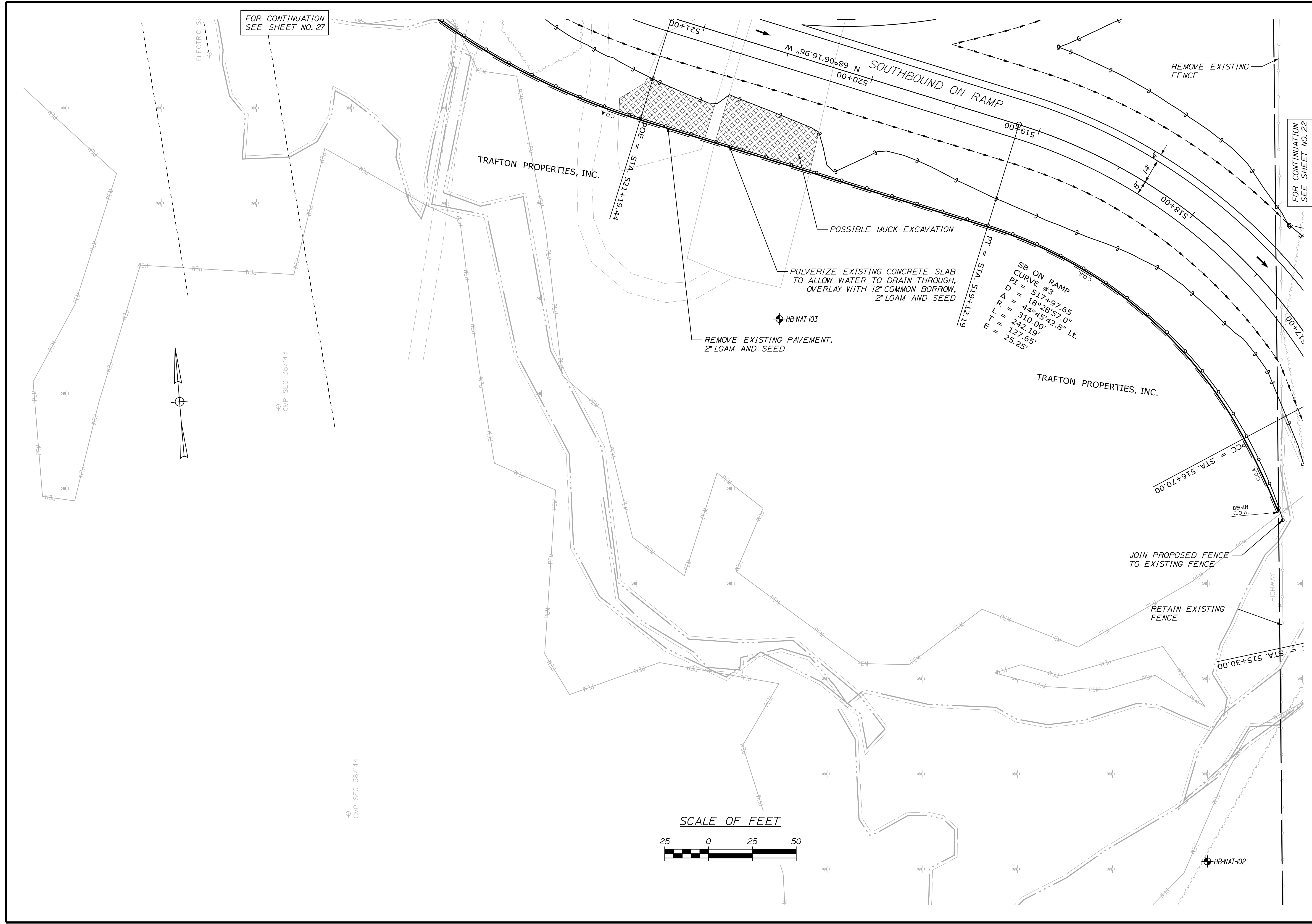
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. MARTIN		M. DEBOWSKI				
CHECKED-REVIEWED						
DESIGNED-DETAILS		S. BARAJIS				
DESIGNED-DETAILS		R. LEMIRE				
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						





FOR CONTINUATION  
SEE SHEET NO. 24

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE	
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PLANS		SHEET NUMBER		25	
OF 182		WIN		18129.10		HIGHWAY PLANS	

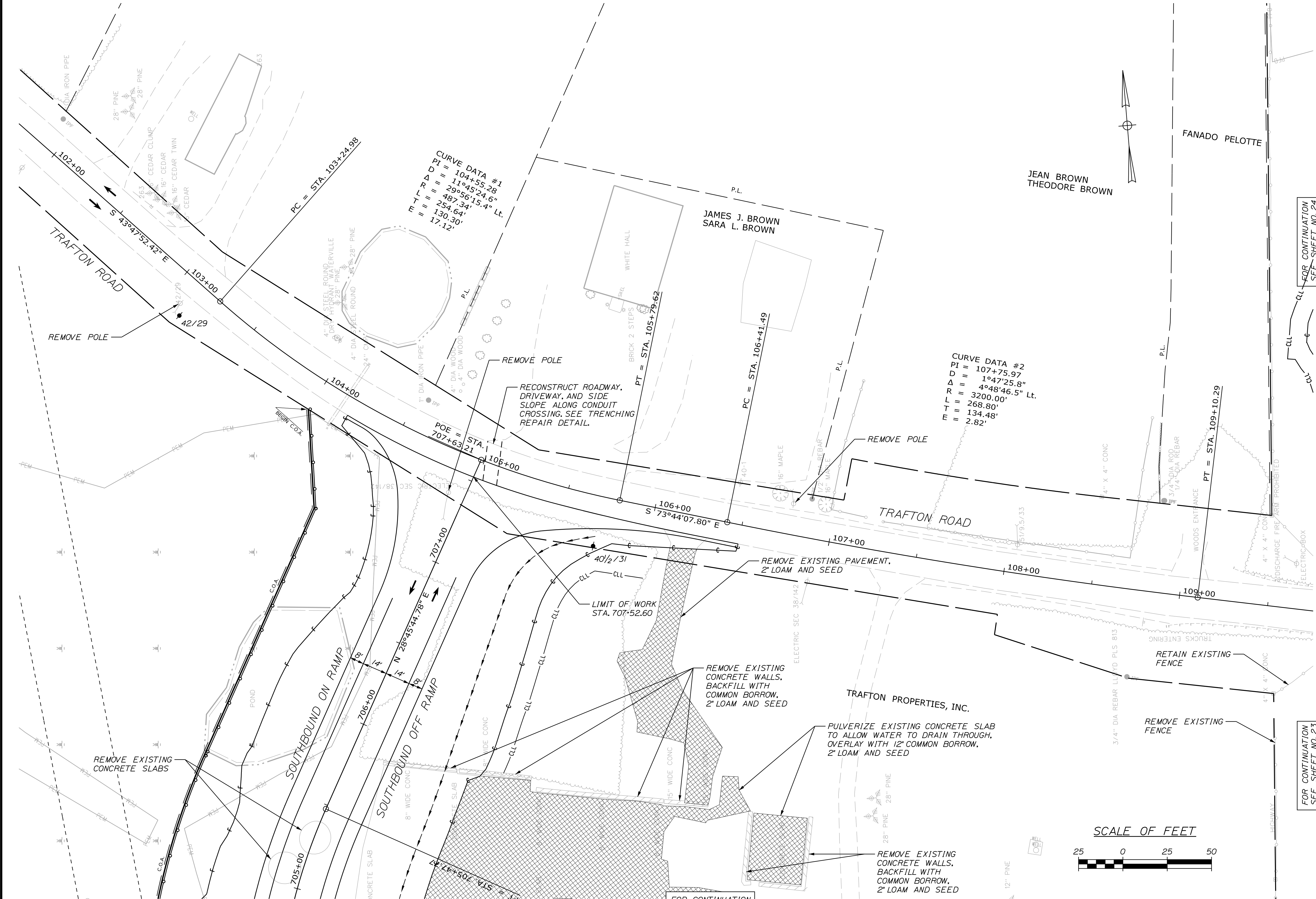


<div> <div>26</div> <div>OF 182</div> </div>	<div> <div>SHEET NUMBER</div> <div>WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE</div> <div>PLANS</div> </div>	<div> <div>PROJ. MANAGER</div> <div>E. MARTIN</div> </div>			<div> <div>BY</div> <div></div> </div>	<div> <div>DATE</div> <div></div> </div>	<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div></div> <div>WIN 18129.10</div> <div>HIGHWAY PLANS</div> </div>
		<div> <div>CHECKED-REVIEWED</div> <div>M. DEROWSKI</div> </div>			<div> <div>SIGNATURE</div> <div></div> </div>		
		<div> <div>DESIGN-DETAILED</div> <div>S. BABALIS</div> </div>			<div> <div>P.E. NUMBER</div> <div></div> </div>		
		<div> <div>DESIGN-DETAILED</div> <div>R. LEMIRE</div> </div>			<div> <div>DATE</div> <div></div> </div>		
		<div> <div>FIELD CHANGES</div> <div></div> </div>					



27 OF 182	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE  PLANS	PROJ. MANAGER		E. MARTIN	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
			DESIGN-DETAILED		M. DEBOWSKI			
			CHECKED-REVIEWED			SIGNATURE		
			DESIGN2-DETAILED2		S. BABALUS			
			DESIGN3-DETAILED3		R. LEMIRE		P.E. NUMBER	
			REVISIONS 1					
			REVISIONS 2					
			REVISIONS 3					
			REVISIONS 4			DATE		
			FIELD CHANGES					
				WIN 18129.10	HIGHWAY PLANS			





STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**28**  
OF 182

PLANS

FOR CONTINUATION  
SEE SHEET NO. 23

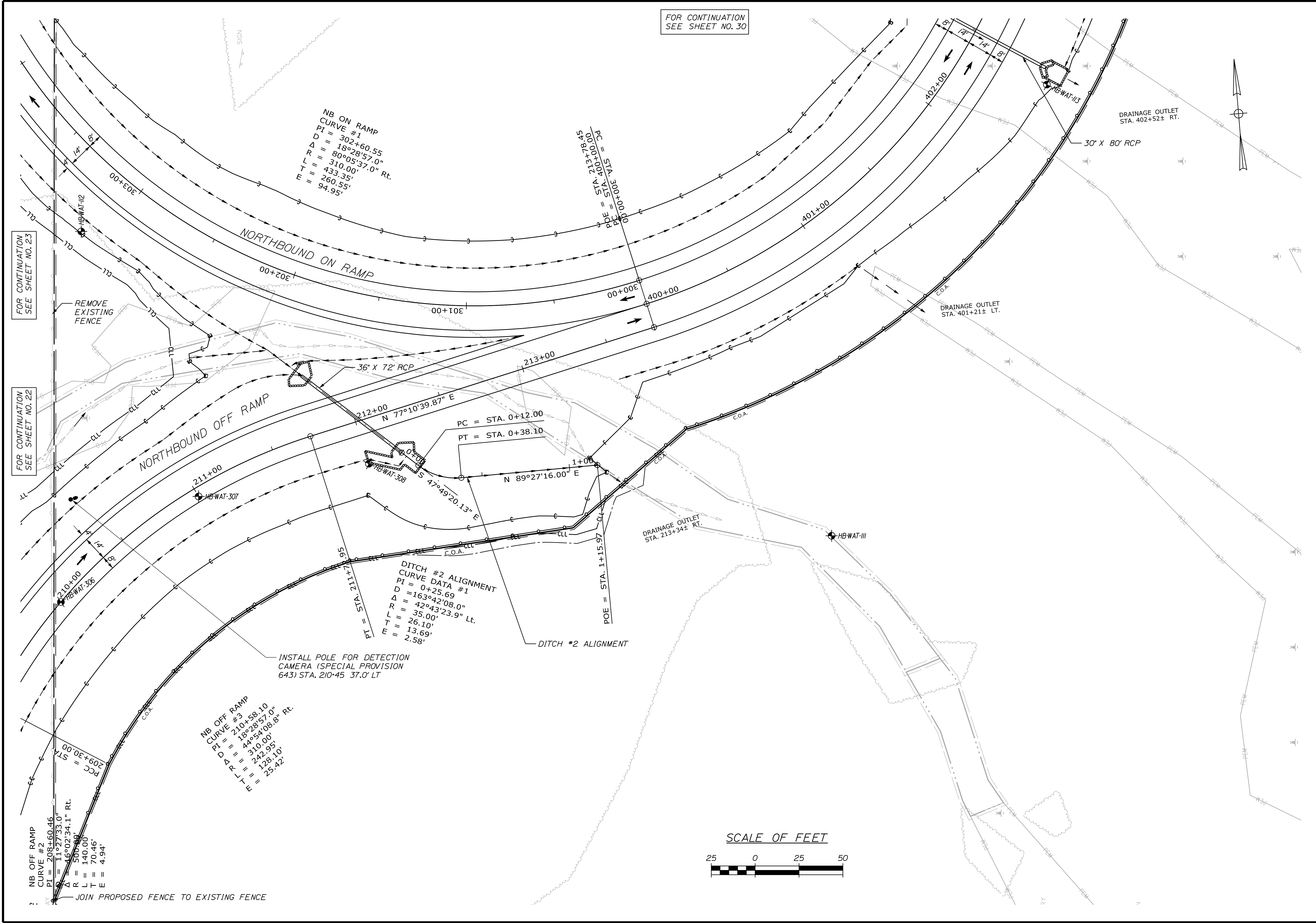
FOR CONTINUATION  
SEE SHEET NO. 27

FOR CONTINUATION  
SEE SHEET NO. 24

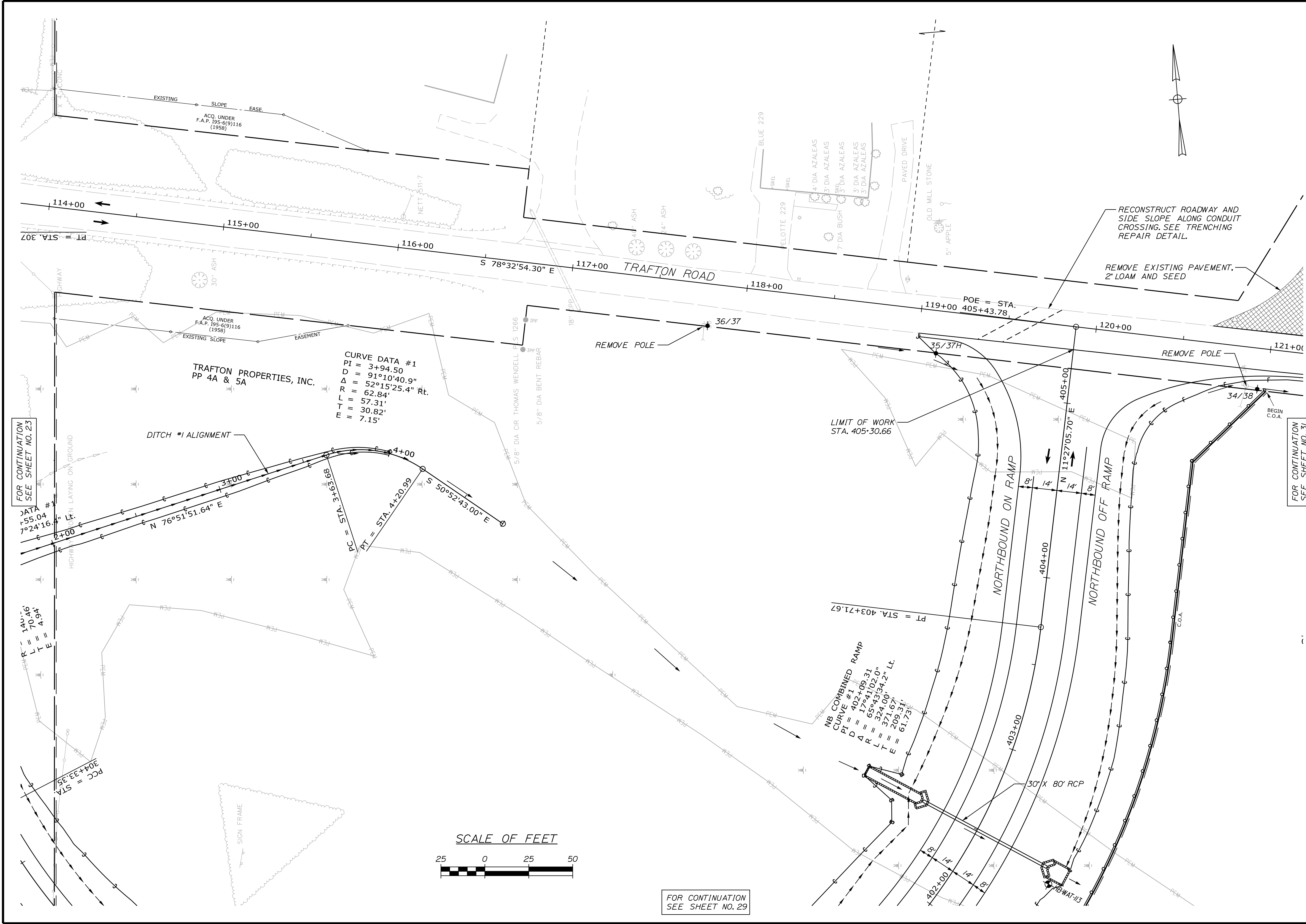
PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGNED-Detailed	E. MARTIN				
CHECKED-Reviewed	M. DEBOWSKI				
DESIGNED-Detailed	S. BARAIS				
DESIGNED-Detailed	R. LEMIRE				
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

WIN  
18129.10  
HIGHWAY PLANS



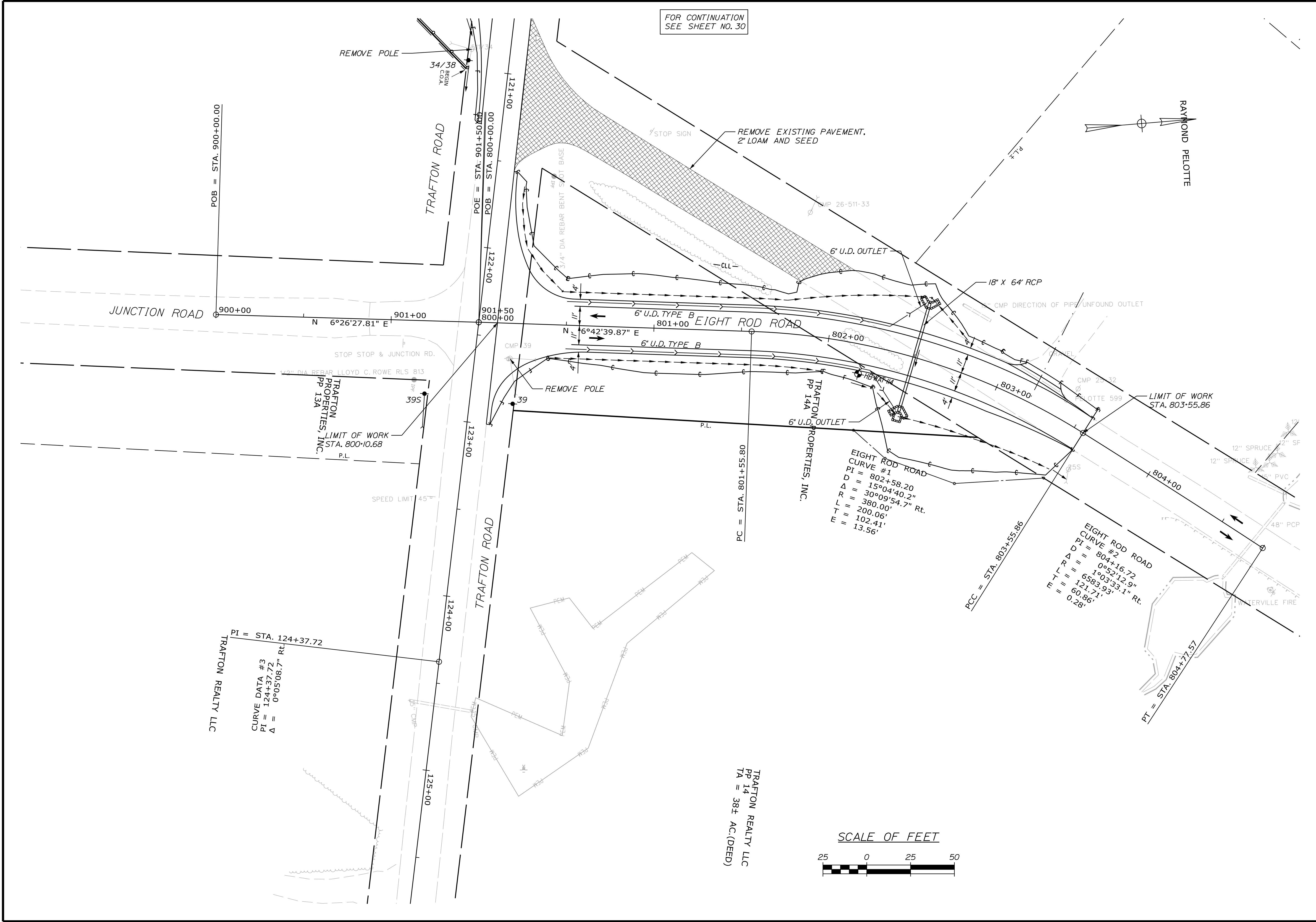


STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE		FIELD CHANGES		PLANS		SHEET NUMBER	
												29	
WIN 18129.10		HIGHWAY PLANS		OF 182									



DESIGN-DETAILED	BY	DATE	SIGNATURE
CHECKED-REVIEWED	E. MARTIN		
DESIGN-DETAILED	M. DEBOWSKI		
DESIGN-DETAILED	S. BARAJIS		
DESIGN-DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

PLANS

SHEET NUMBER  

31

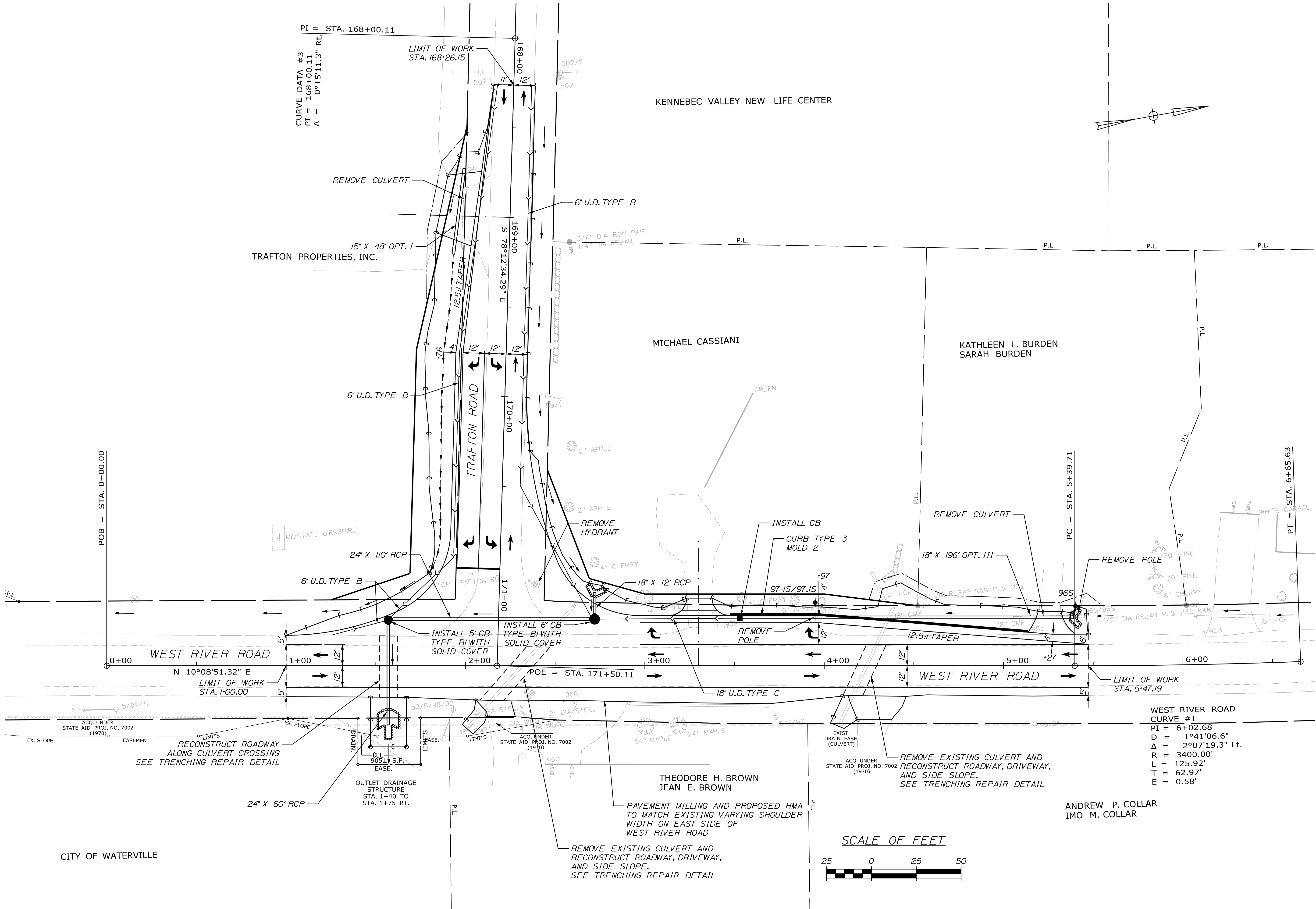
OF 182

PROJ. MANAGER	DATE	BY	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED					
CHECKED-REVIEWED					
DESIGN-DETAILED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

WIN  
18129.10

HIGHWAY PLANS





STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

PROJ. MANAGER	DATE	BY	SIGNATURE
E. MARTIN			
CHECKED-REVIEWED			
DESIGNED-DETAILED			
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

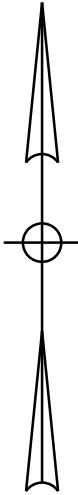
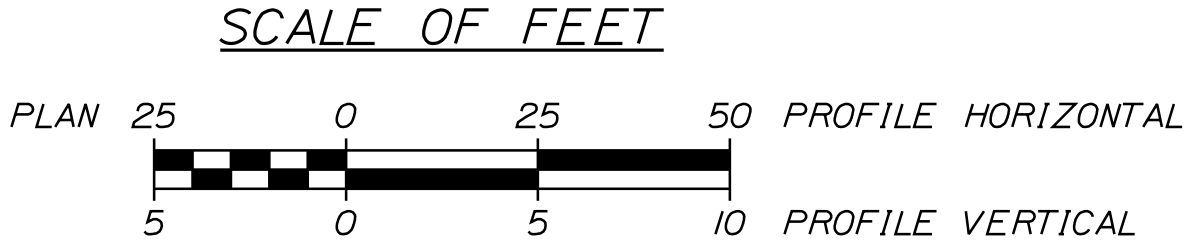
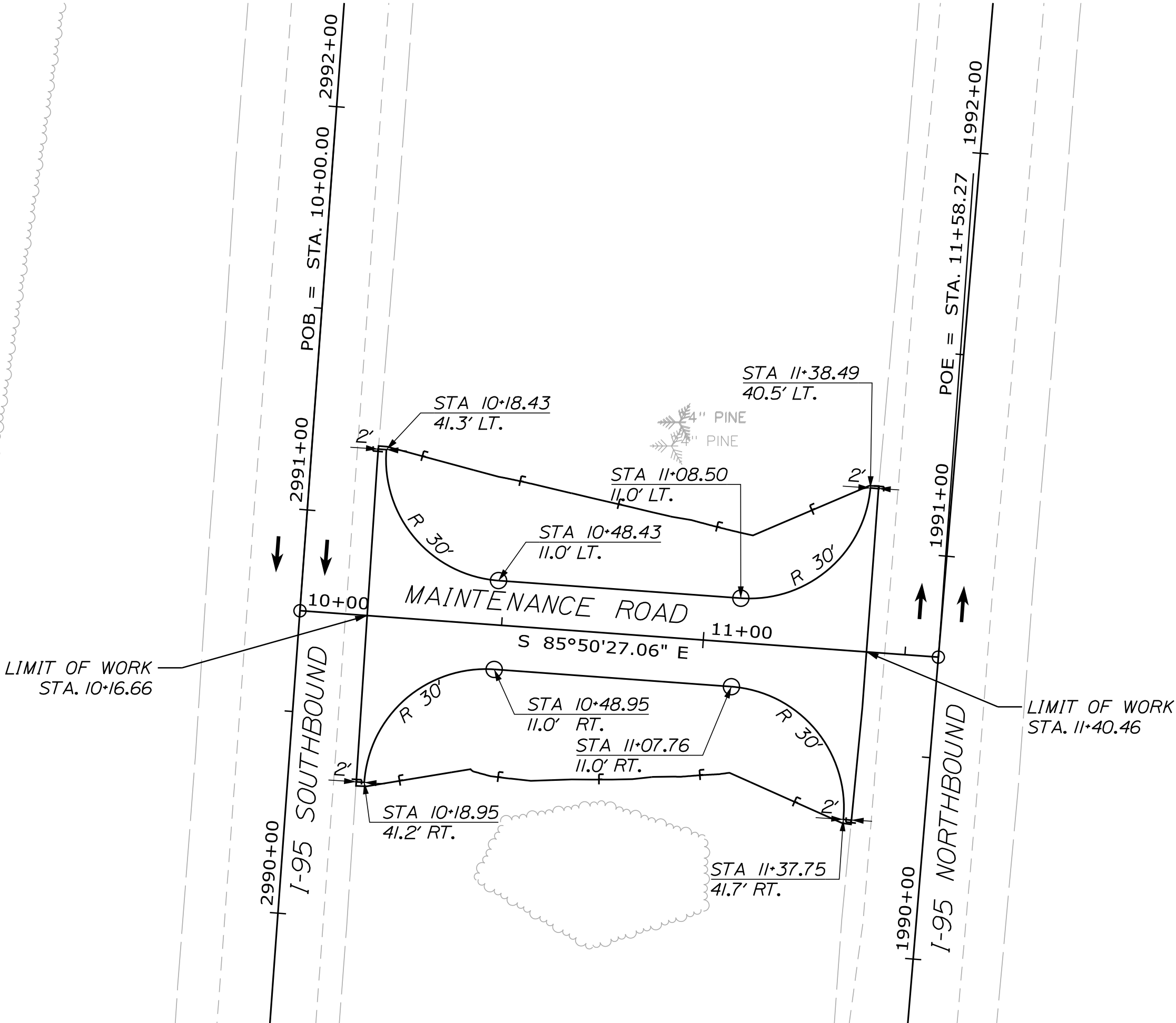
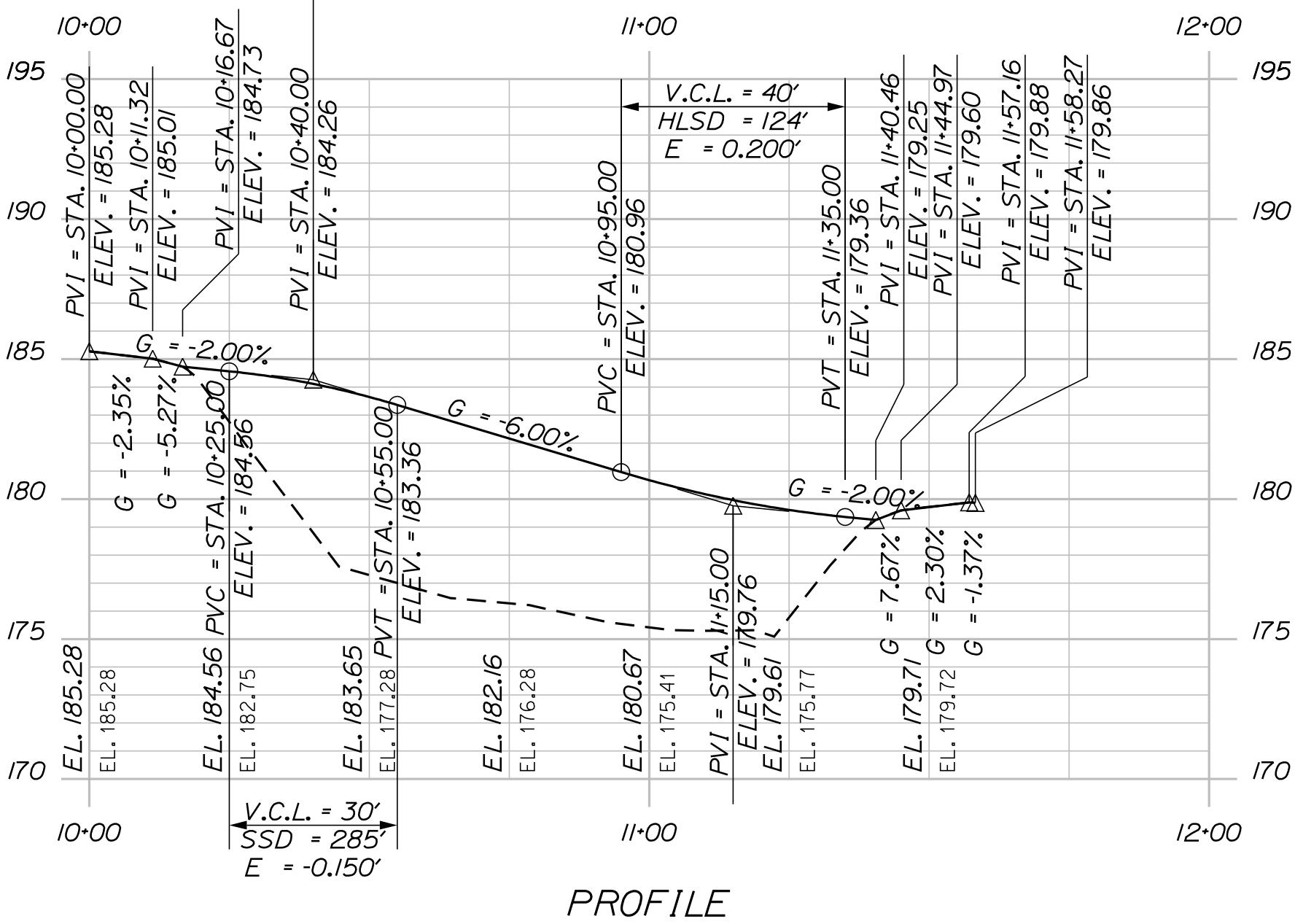
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**32**  
OF 182

PLANS

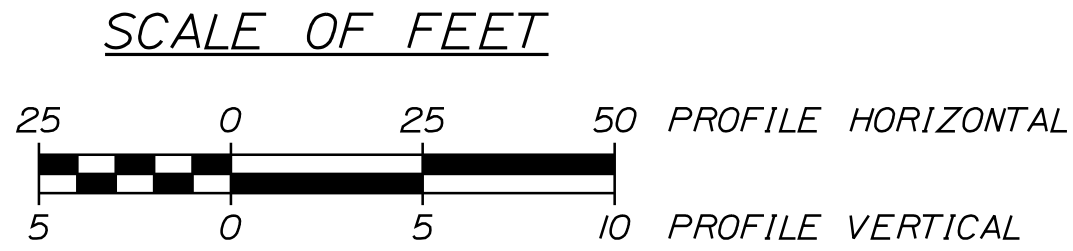
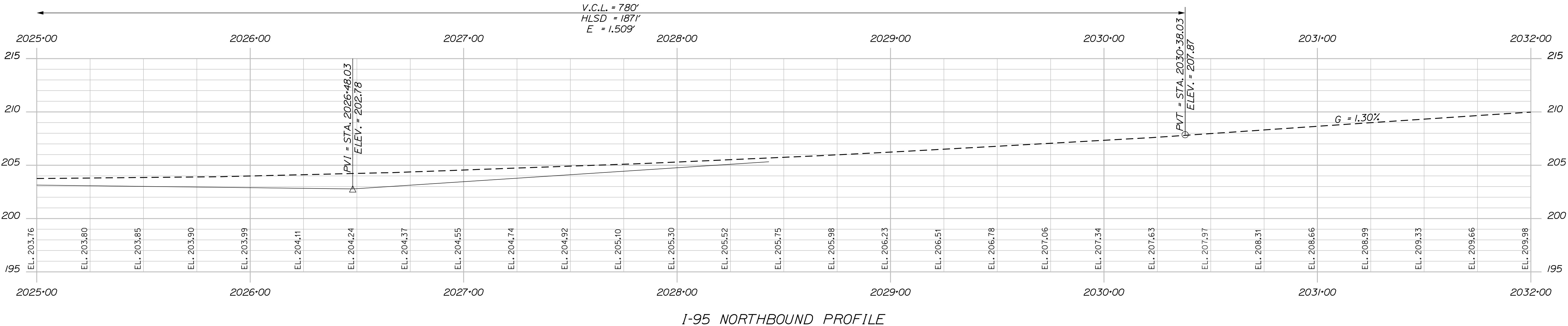
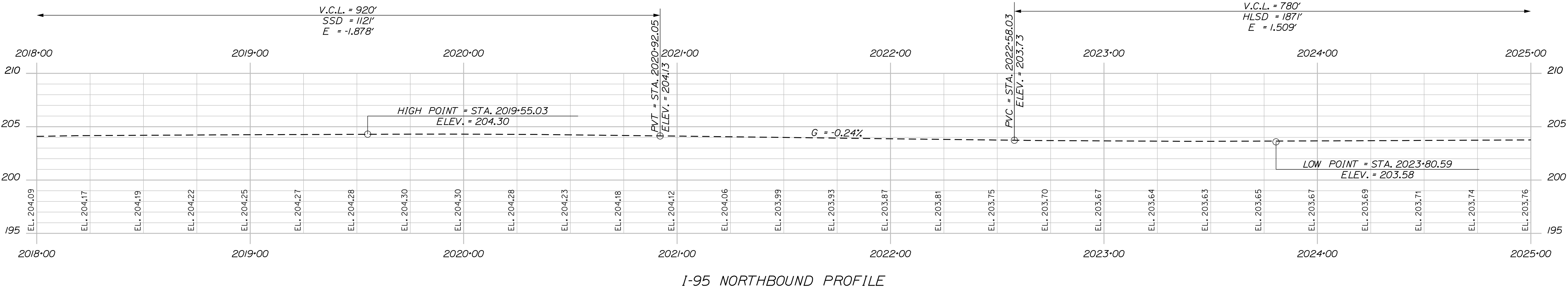
WIN  
18129.10

HIGHWAY PLANS



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	PROJECT MANAGER				DATE			
	DESIGN-DETAILED				SIGNATURE			
	CHECKED-REVIEWED				P.E. NUMBER			
	DESIGN-DETAILED				DATE			
	DESIGN-DETAILED				DATE			
	DESIGN-DETAILED				DATE			
	DESIGN-DETAILED				DATE			
	DESIGN-DETAILED				DATE			
	DESIGN-DETAILED				DATE			
	DESIGN-DETAILED				DATE			
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE  PLANS	REVISIONS 1				DATE			
	REVISIONS 2				DATE			
	REVISIONS 3				DATE			
	REVISIONS 4				DATE			
	FIELD CHANGES				DATE			
	FIELD CHANGES				DATE			
	FIELD CHANGES				DATE			
	FIELD CHANGES				DATE			
	FIELD CHANGES				DATE			
	FIELD CHANGES				DATE			
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES				DATE				
FIELD CHANGES								

I-95 PROFILE FOR INFORMATIONAL PURPOSES ONLY



I-95 PROFILE FOR INFORMATIONAL PURPOSES ONLY

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

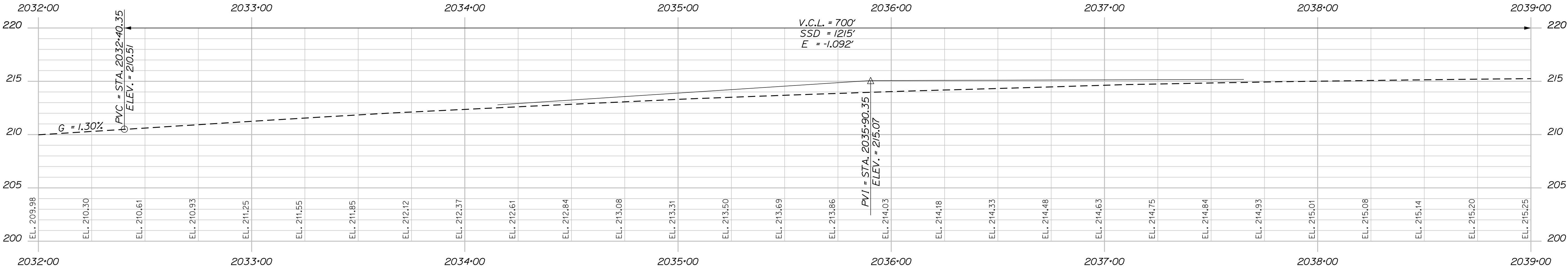
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**35**  
OF 182

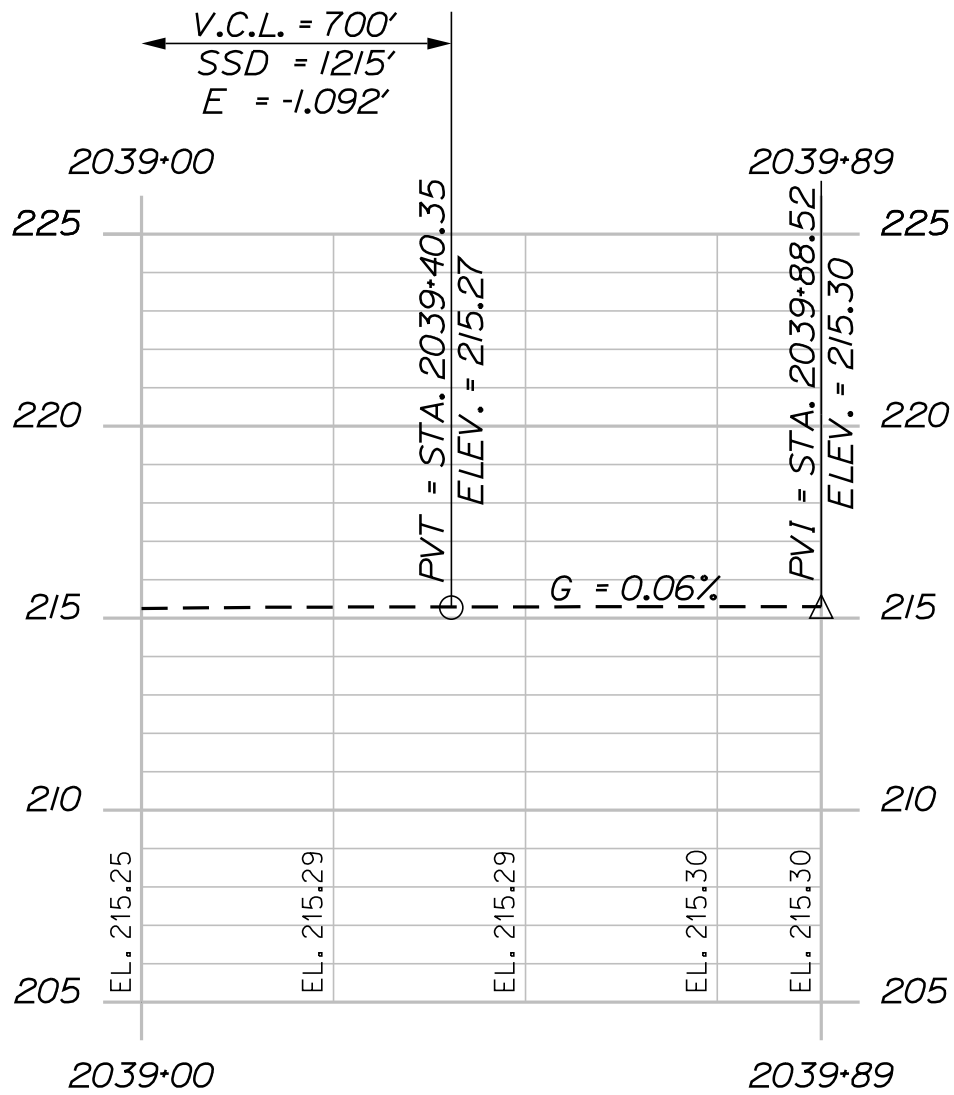
SIGNATURE  
P.E. NUMBER  
DATE

WIN  
18129.10  
HIGHWAY PLANS

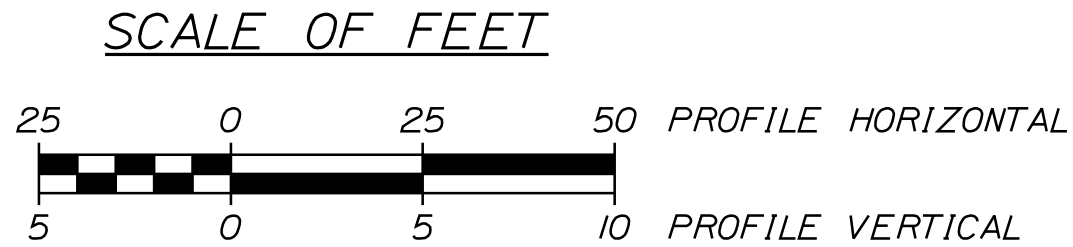




I-95 NORTHBOUND PROFILE



I-95 NORTHBOUND PROFILE



I-95 PROFILE FOR INFORMATIONAL PURPOSES ONLY

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**36**  
OF 182

SIGNATURE

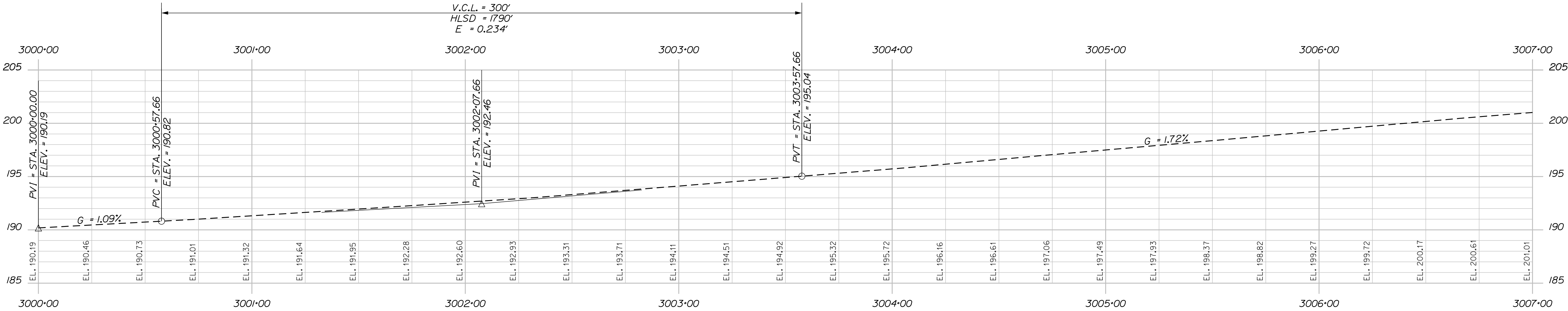
P.E. NUMBER

DATE

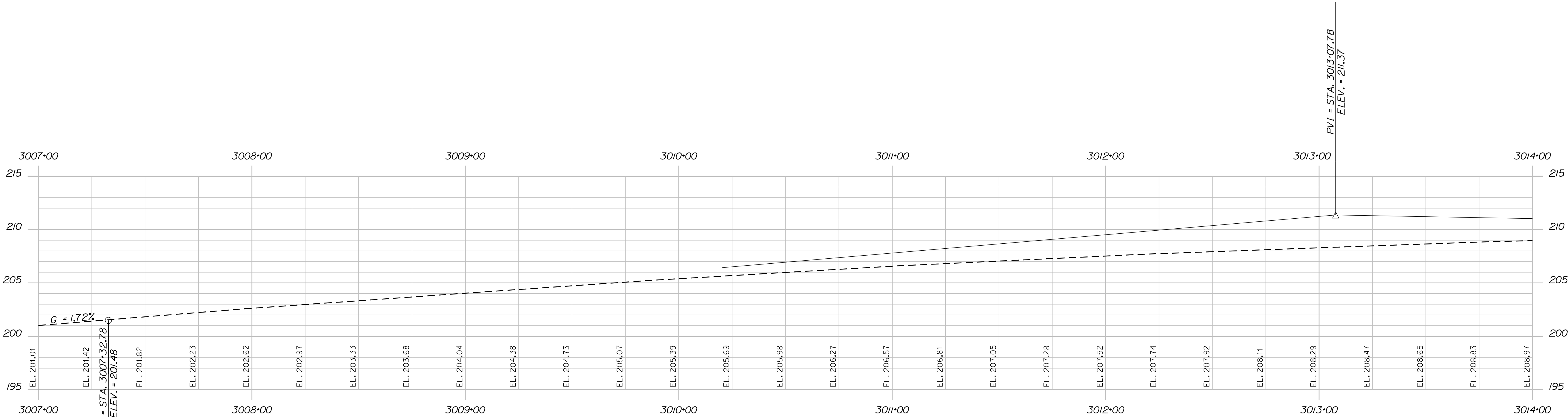
PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGNED-DETAILED	S. BARAJIS		
DESIGNED-DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WIN  
18129.10

HIGHWAY PLANS

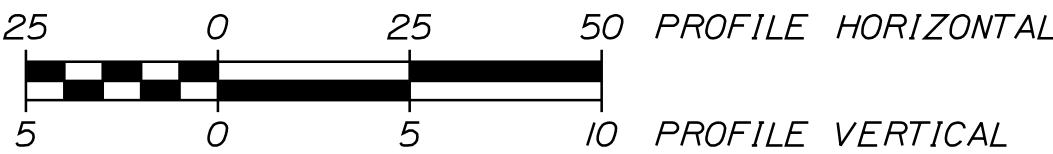


I-95 SOUTHBOUND PROFILE



I-95 SOUTHBOUND PROFILE

SCALE OF FEET



I-95 PROFILE FOR INFORMATIONAL PURPOSES ONLY

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER

37

OF 182

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGNS-DETAILED	S. BABIUS		
DESIGNS-DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

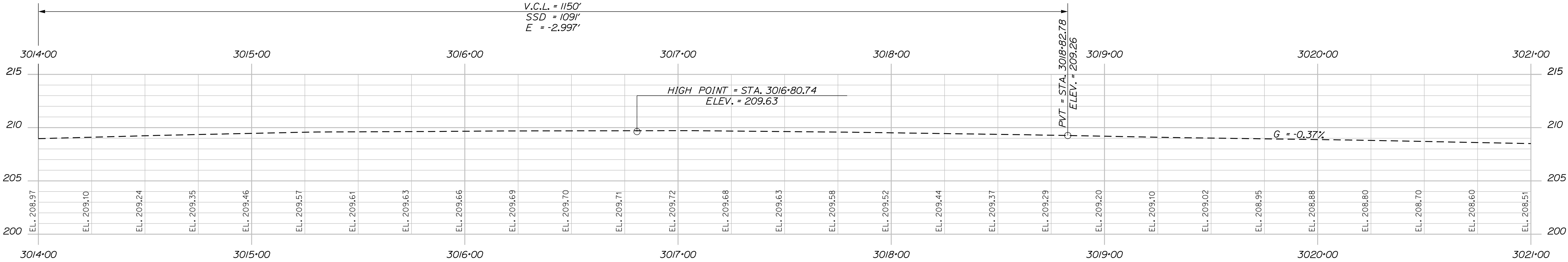
DATE

STATE OF MAINE

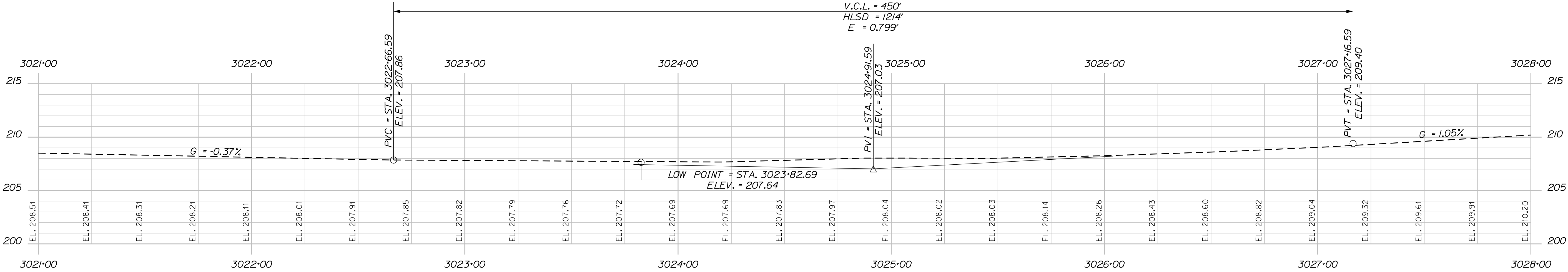
DEPARTMENT OF TRANSPORTATION

WIN  
18129.10

HIGHWAY PLANS

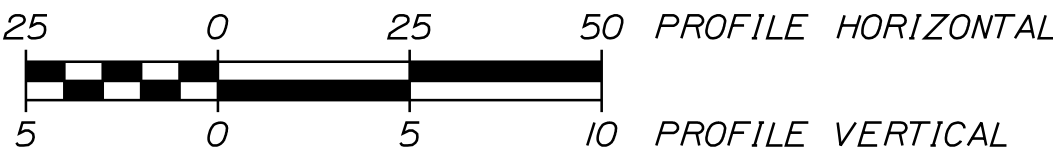


I-95 SOUTHBOUND PROFILE



I-95 SOUTHBOUND PROFILE

SCALE OF FEET



I-95 PROFILE FOR INFORMATIONAL PURPOSES ONLY

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGNED-DETAILS	S. BARAJIS		
DESIGNED-PAID	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

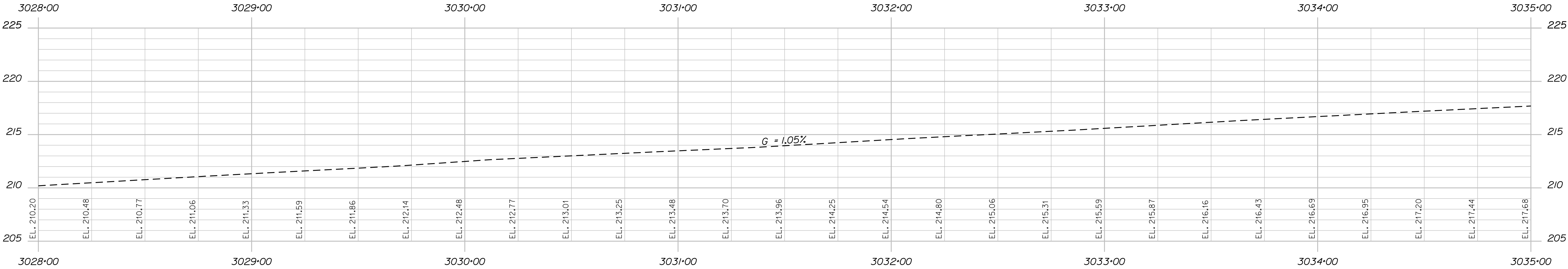
SHEET NUMBER

38  
OF 182

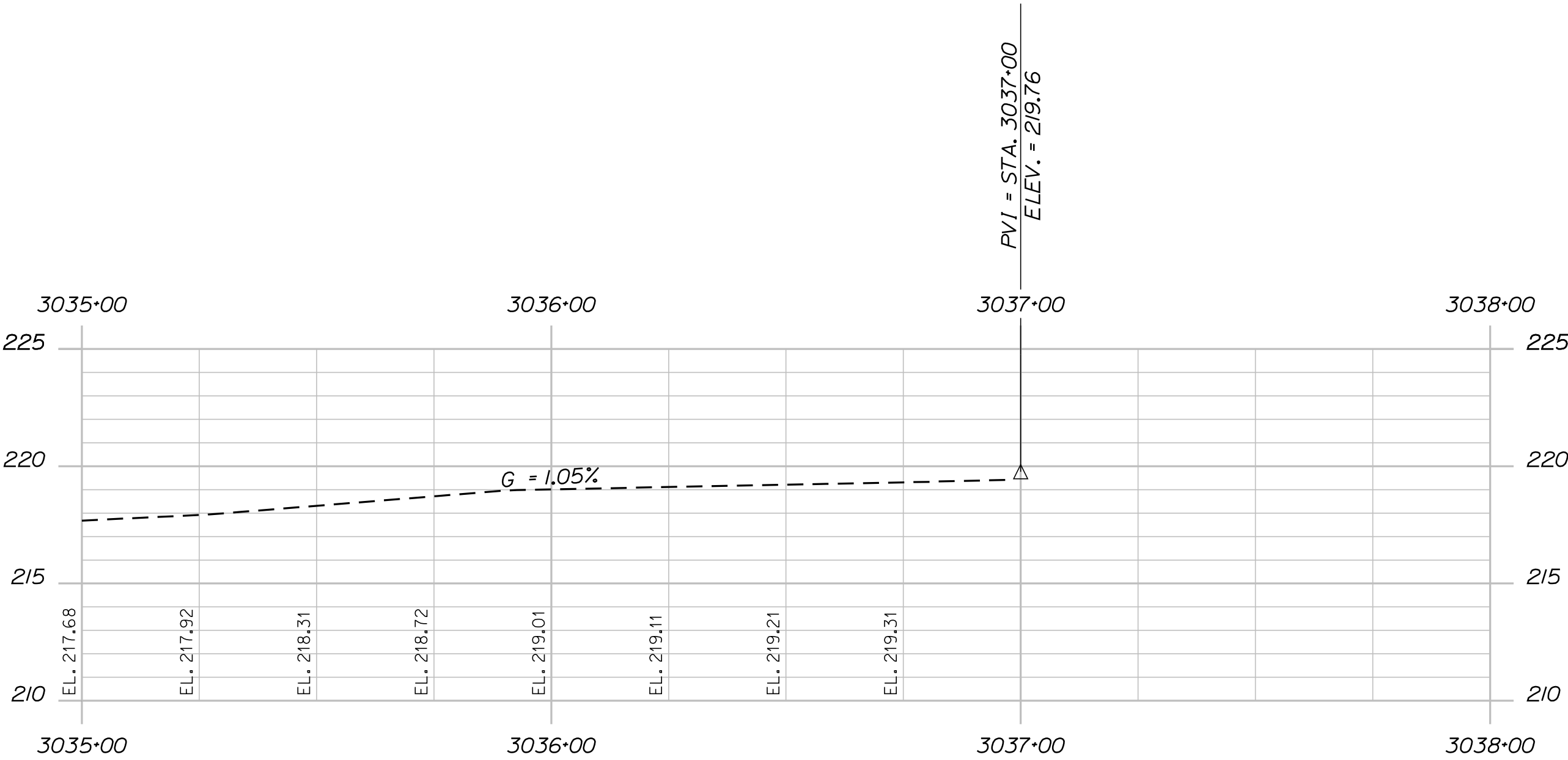
PROFILES

WIN  
18129.10

HIGHWAY PLANS

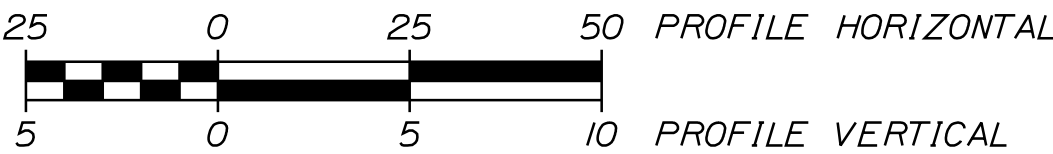


I-95 SOUTHBOUND PROFILE



I-95 SOUTHBOUND PROFILE

SCALE OF FEET



I-95 PROFILE FOR INFORMATIONAL PURPOSES ONLY

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

PROFILES

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
18129.10

HIGHWAY PLANS

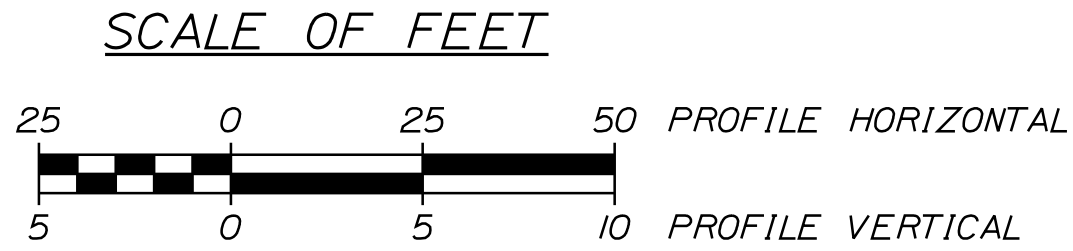
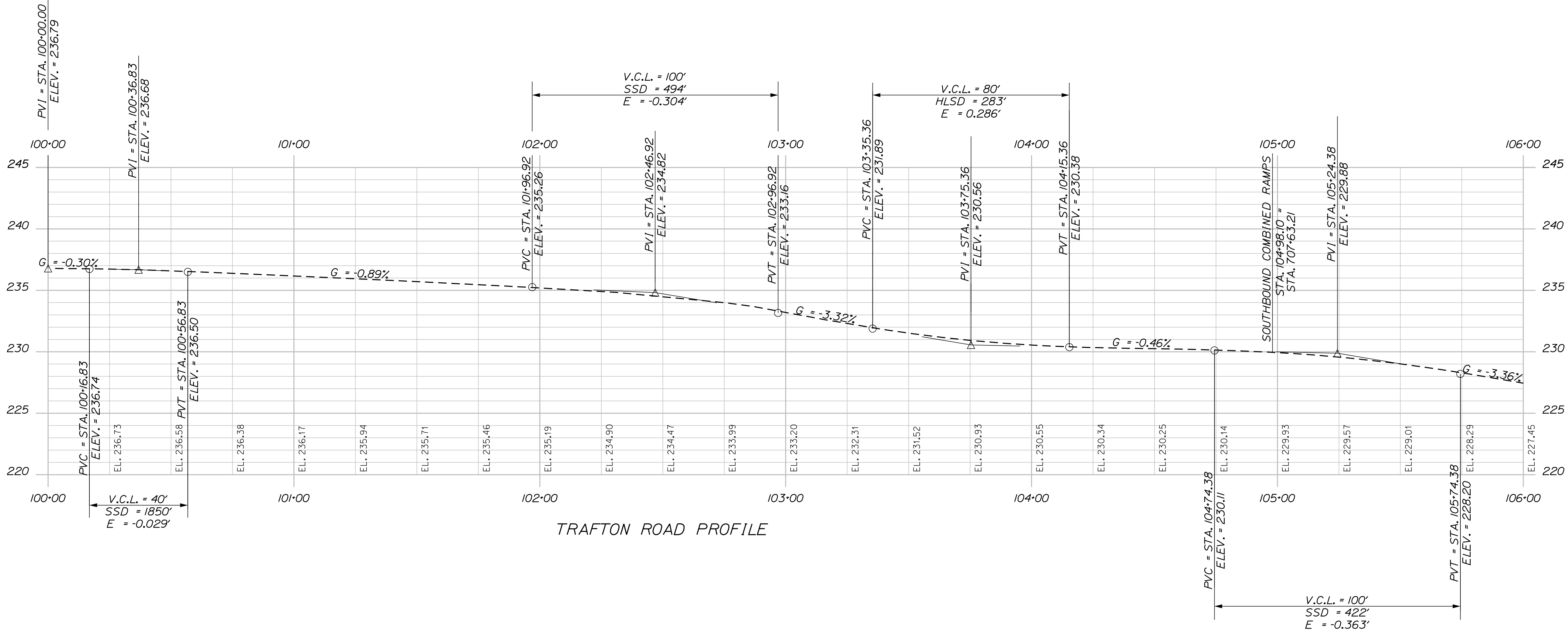
PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGN-REVIEWED	S. BARAJIS		
DESIGN-DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE			
P.E. NUMBER			
DATE			

SHEET NUMBER

39

OF 182



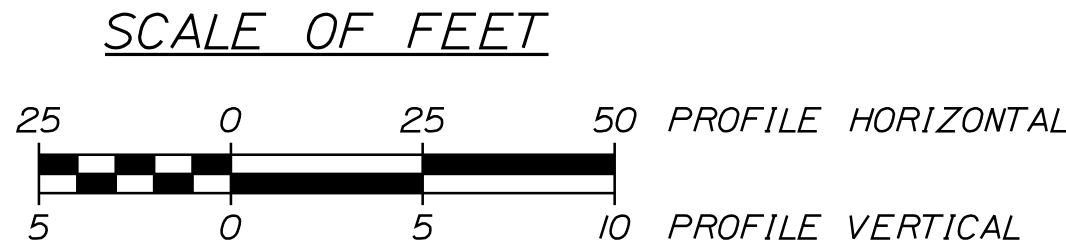
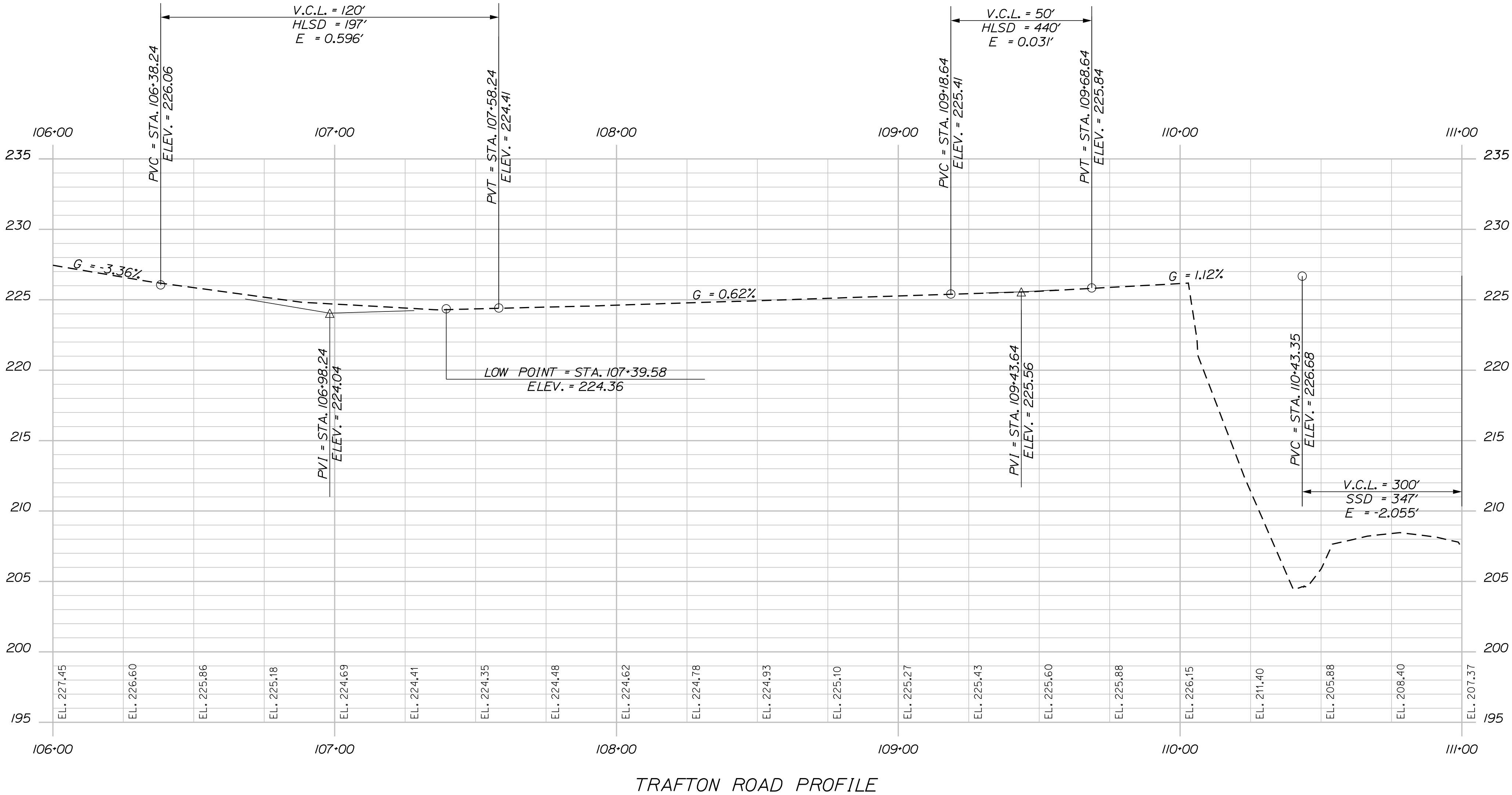


TRAFTON ROAD PROFILE FOR INFORMATIONAL PURPOSES ONLY

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

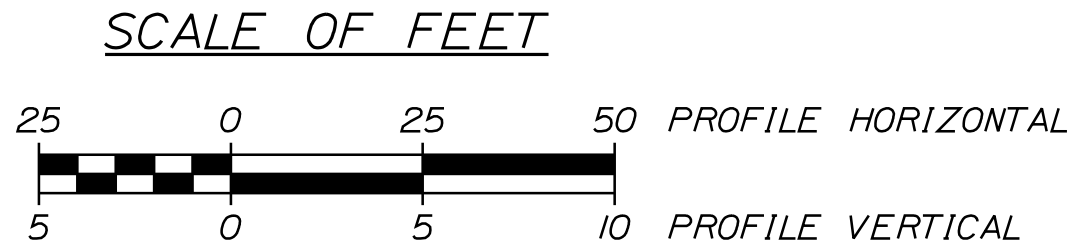
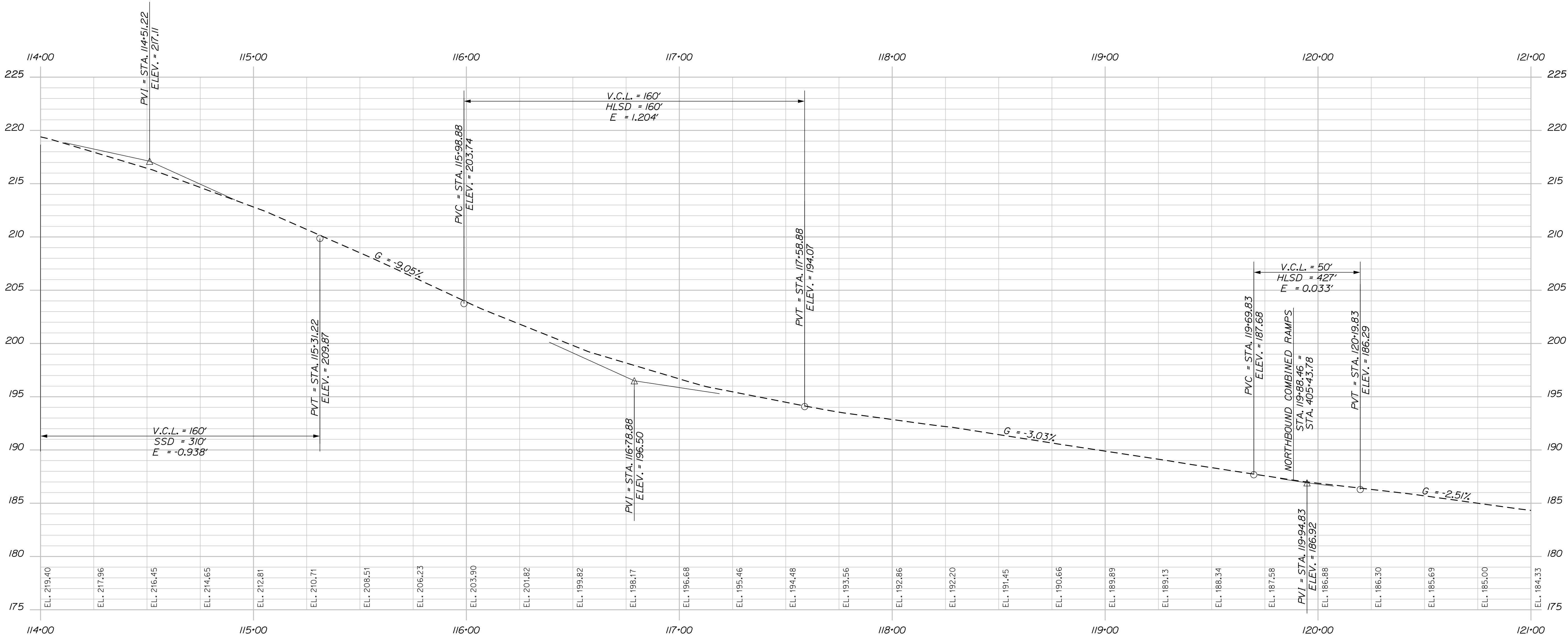
SHEET NUMBER  
**40**  
OF 182

PROJ. MANAGER	BY	DATE
E. MARTIN		
DESIGNED-DETAILED	M. DEBOWSKI	
CHECKED-REVIEWED		
DESIGNED-DETAILED	S. BARAJIS	SIGNATURE
DESIGNED-DETAILED	R. LEMIRE	P.E. NUMBER
REVISIONS 1		DATE
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		



TRAFTON ROAD PROFILE FOR INFORMATIONAL PURPOSES ONLY

STATE OF MAINE DEPARTMENT OF TRANSPORTATION					WIN 18129.10 HIGHWAY PLANS
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE  PROFILES	PROJ. MANAGER	E. MARTIN	BY	DATE	SIGNATURE
	DESIGN-DET. TAILED	M. DEBOWSKI			
	CHECKED-REVIEWED				
	DESIGN2-DET. TAILED2	S. BABALUS			
	DESIGN3-DET. TAILED3	R. LEMRE			
	REVISIONS 1				
	REVISIONS 2				
	REVISIONS 3				
	REVISIONS 4				
	FIELD CHANGES				
SHEET NUMBER	41				
OF 182					



TRAFTON ROAD PROFILE FOR INFORMATIONAL PURPOSES ONLY

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

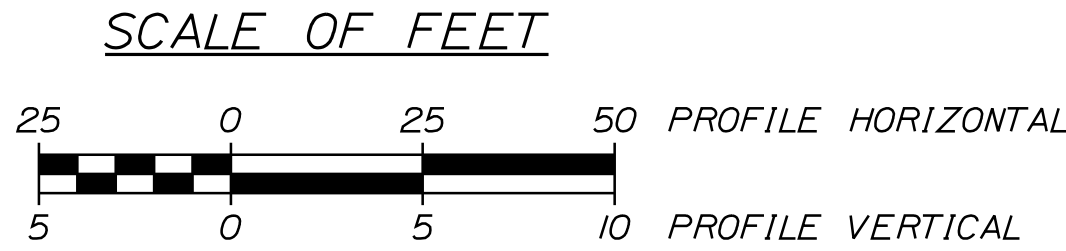
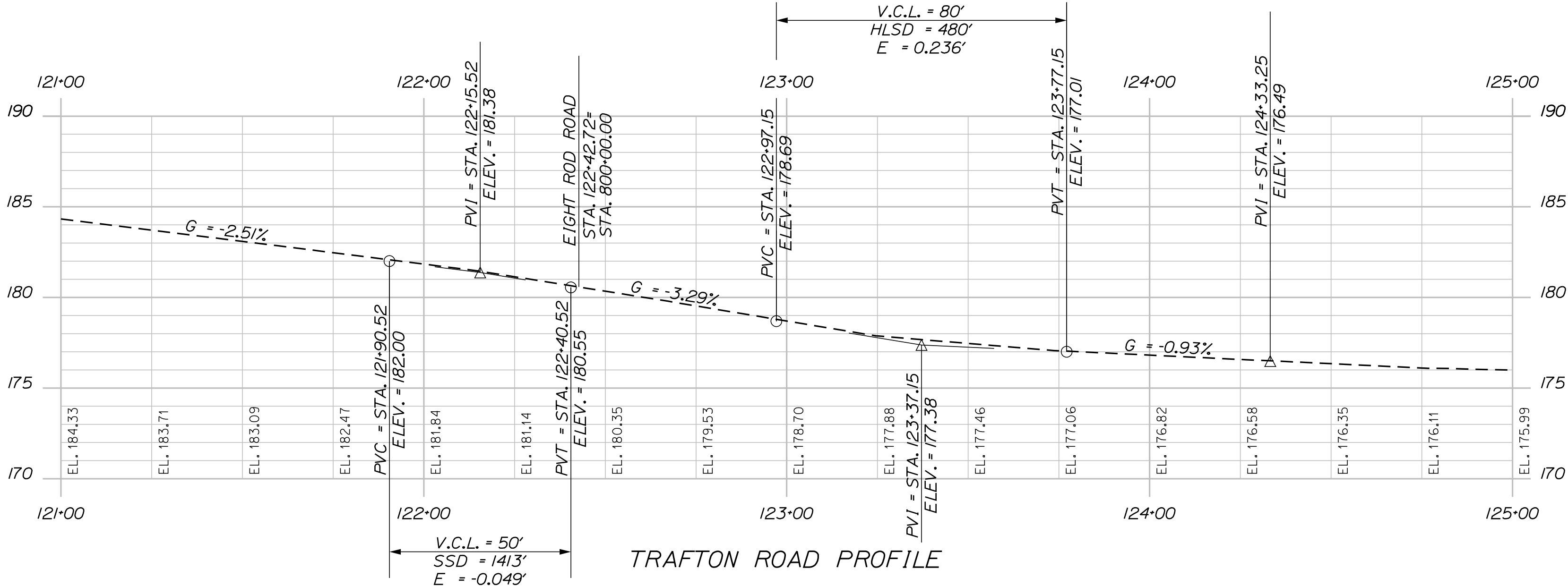
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**42**  
OF 182

SIGNATURE	
P.E. NUMBER	
DATE	

WIN 18129.10	HIGHWAY PLANS
-----------------	---------------



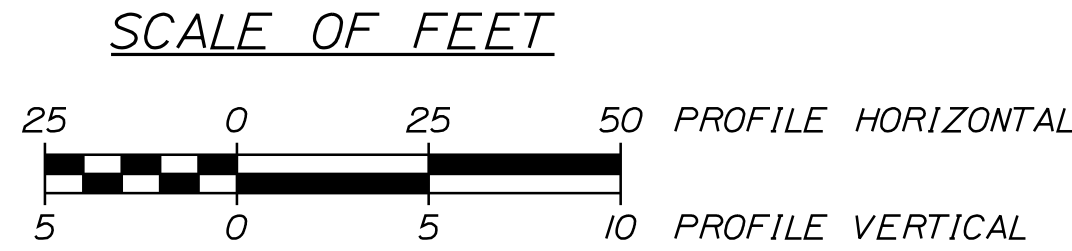
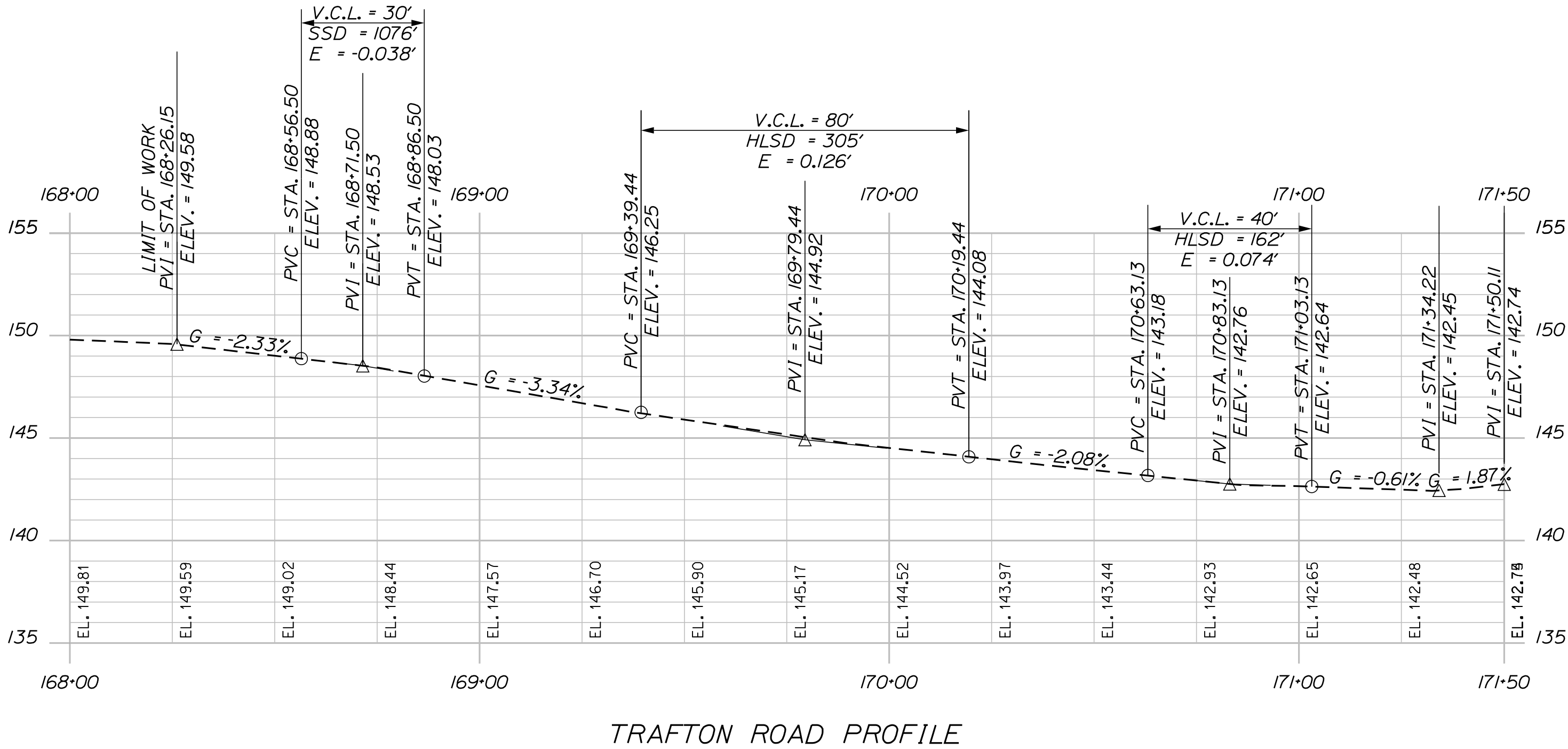


TRAFTON ROAD PROFILE FOR INFORMATIONAL PURPOSES ONLY

STATE OF MAINE DEPARTMENT OF TRANSPORTATION									
	SIGNATURE		P.E. NUMBER						
			DATE						
					WIN 18129.10				
					HIGHWAY PLANS				

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

PROFILES



TRAFTON ROAD PROFILE FOR INFORMATIONAL PURPOSES ONLY

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**44**  
OF 182

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER  
E. MARTIN

CHECKED-REVIEWED  
M. DEBOWSKI

DESIGNED-DETAILED  
S. BARAJIS

DESIGNED-DETAILED  
R. LEMIRE

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

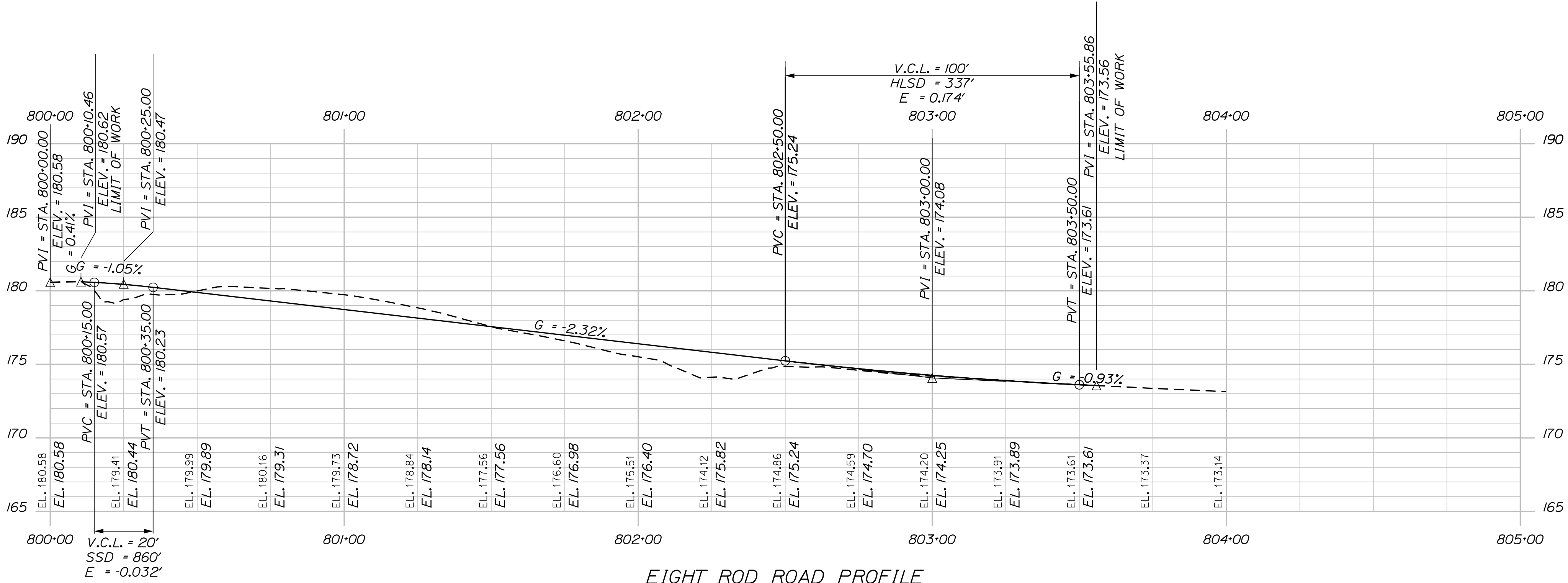
FIELD CHANGES

BY

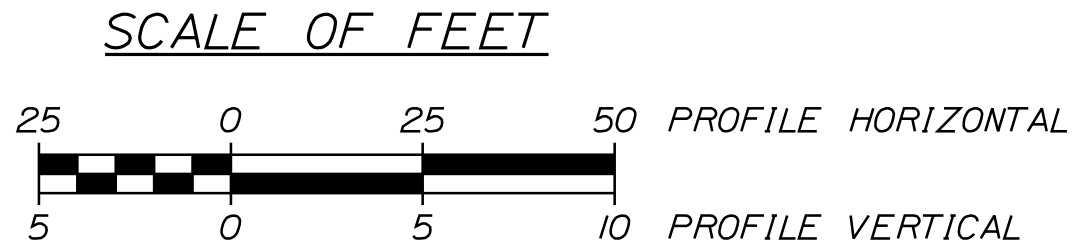
DATE

WIN  
18129.10

HIGHWAY PLANS



HB-WAT-114  
STA. 802+20 16.9' RT  
ELEV. 157.7



WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

PROFILES

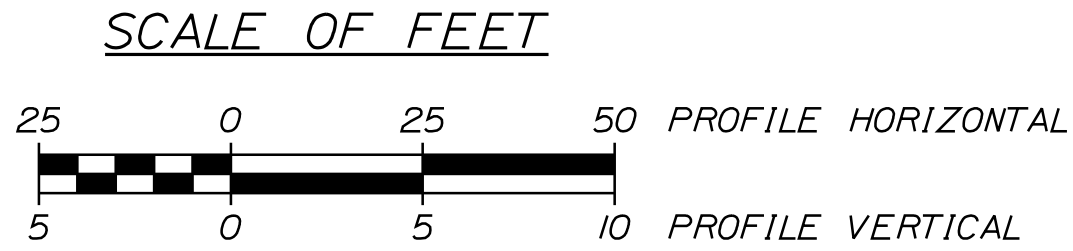
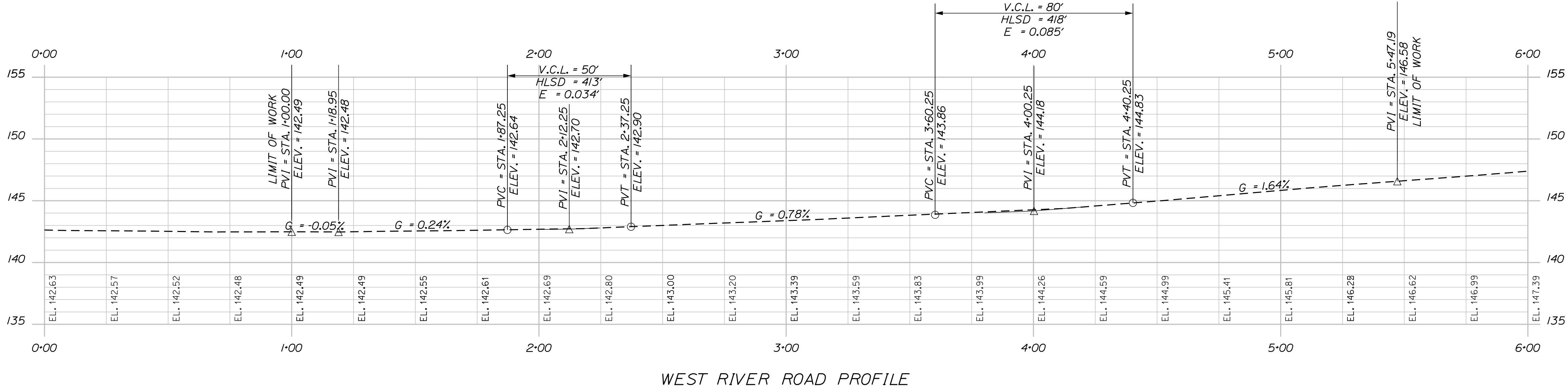
SHEET NUMBER  
**45**  
OF 182

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
18129.10  
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-DETAILED	M. DEBOWSKI		
DESIGN-REVIEWED	S. BARAJIS		SIGNATURE
DESIGN-DETAILED	R. LEMIRE		P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			





WEST RIVER ROAD PROFILE FOR INFORMATIONAL PURPOSES ONLY

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

PROFILES

SHEET NUMBER  
**46**  
OF 182

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

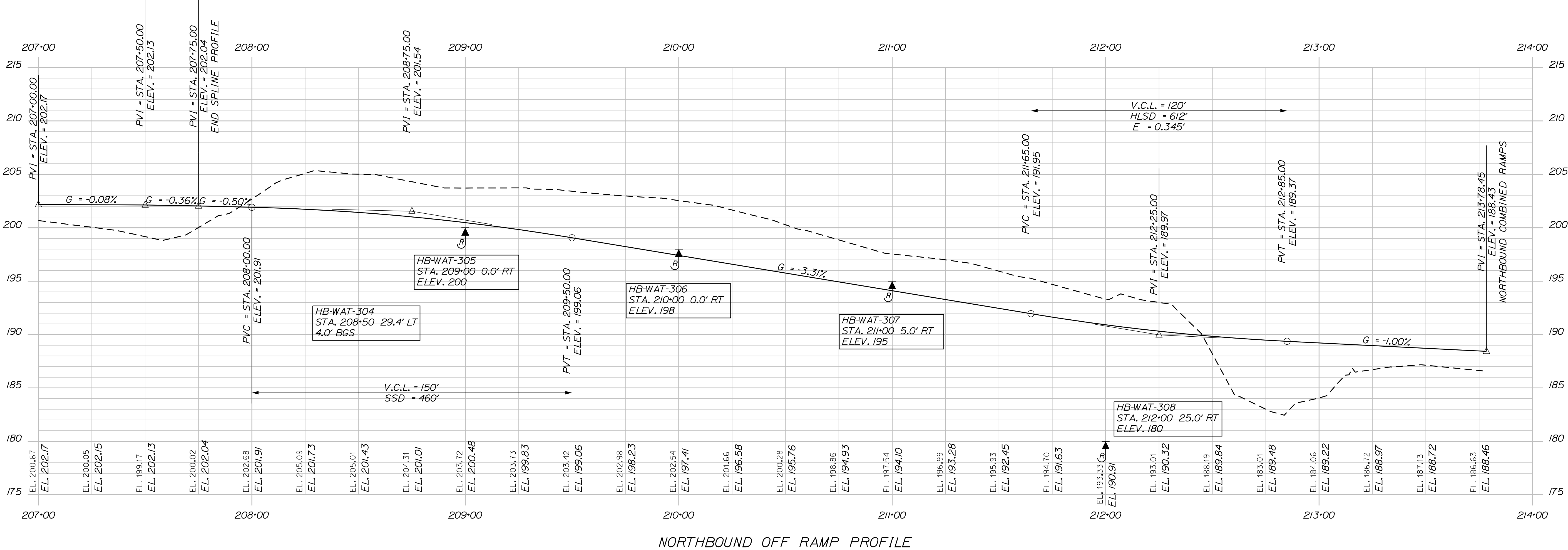
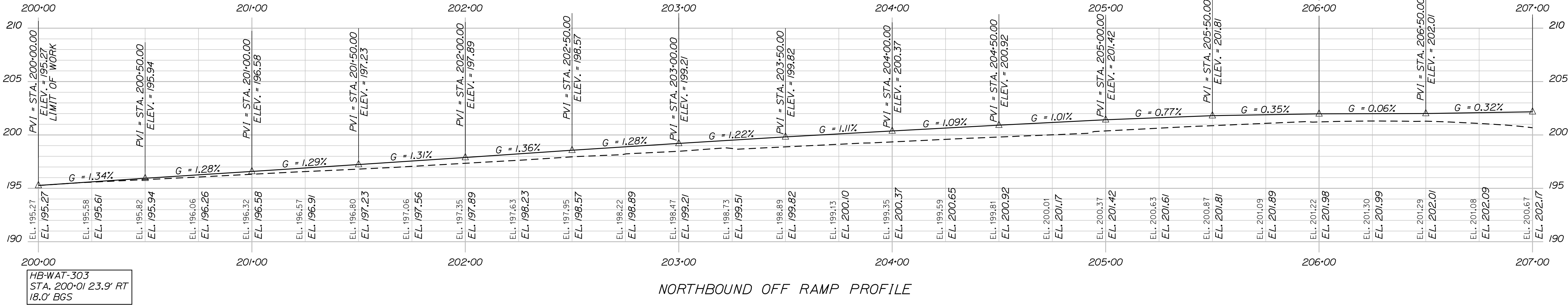
SIGNATURE  
P.E. NUMBER  
DATE

PROJ. MANAGER  
DESIGN-DETAILED  
CHECKED-REVIEWED  
DESIGN-DETAILED  
DESIGN-DETAILED  
REVISIONS 1  
REVISIONS 2  
REVISIONS 3  
REVISIONS 4  
FIELD CHANGES

E. MARTIN  
M. DEBOWSKI  
S. BARAJIS  
R. LEMIRE

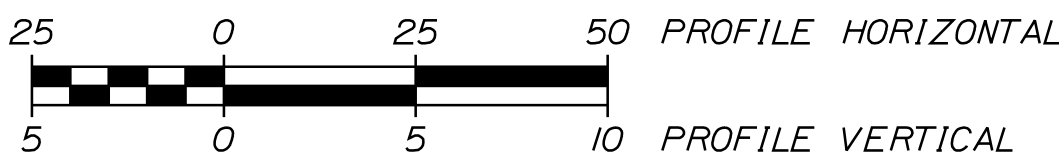
BY  
DATE

WIN  
18129.10  
HIGHWAY PLANS



NOTE:  
BGS = BELOW GROUND SURFACE

SCALE OF FEET



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**47**

OF 182

PROJ. MANAGER  
E. MARTIN

CHECKED-REVIEWED  
M. DEBOWSKI

DESIGN-DETAILED  
S. BARAJIS

DESIGN-DETAILED  
R. LEMIRE

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

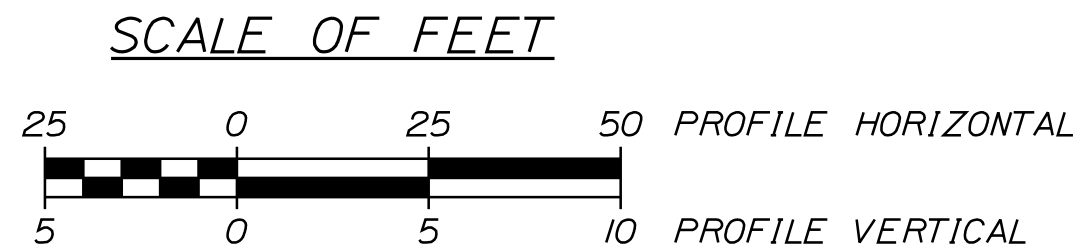
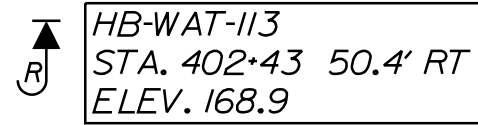
DATE

SIGNATURE

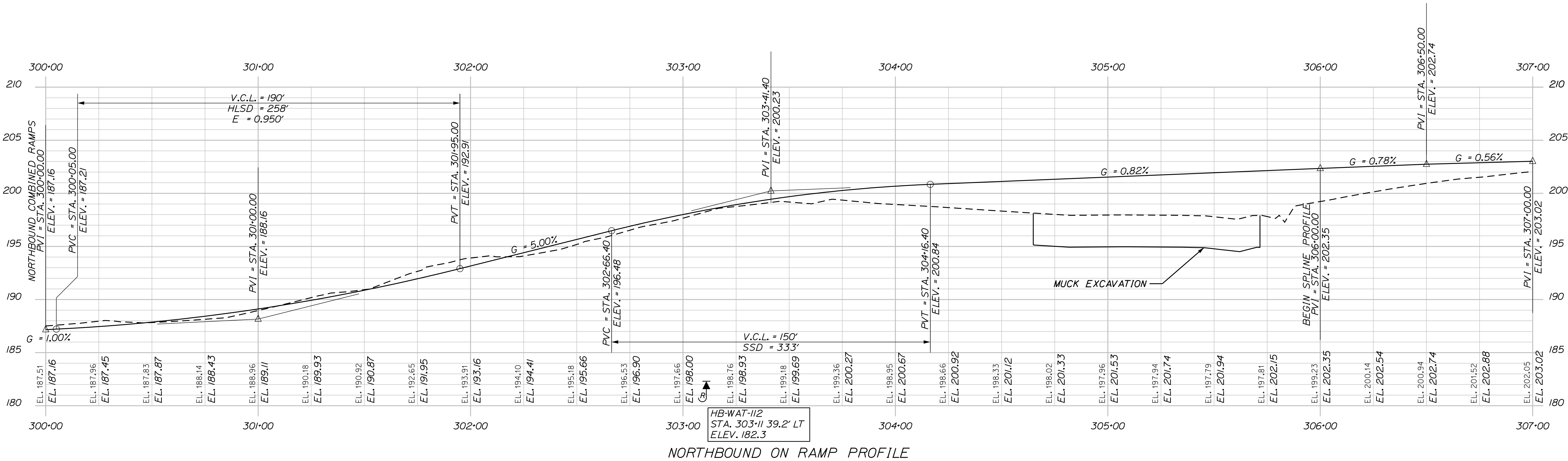
P.E. NUMBER

DATE

WIN  
18129.10  
HIGHWAY PLANS



<div> <div> <div>SHEET NUMBER</div> <div>48</div> <div>OF 182</div> </div> <div> <div>WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE</div> <div>PROFILES</div> </div> </div>	<div> <div>PROJ. MANAGER</div> <div>E. MARTIN</div> </div>	<div> <div>BY</div> <div></div> </div>	<div> <div>DATE</div> <div></div> </div>	<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div></div> <div>WIN 18129.10</div> <div>HIGHWAY PLANS</div> </div>
	<div> <div>CHECKED-REVIEWED</div> <div>M. DEBOWSKI</div> </div>	<div> <div>SIGNATURE</div> <div></div> </div>		
	<div> <div>DESIGN2-DETAILED3 &amp; BABALUS</div> <div></div> </div>	<div> <div>P.E. NUMBER</div> <div></div> </div>		
	<div> <div>DESIGN3-DETAILED3J R. LEMIRE</div> <div></div> </div>	<div> <div>DATE</div> <div></div> </div>		
	<div> <div>REVISIONS 1</div> <div></div> </div>	<div> <div>FIELD CHANGES</div> <div></div> </div>		



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**49**  
OF 182

PROJ. MANAGER  
E. MARTIN

BY  
M. DEBOWSKI

DATE  
4/27/2016

DESIGN-DETAILED  
M. DEBOWSKI

CHECKED-REVIEWED  
S. BARAJIS

DESIGN-DETAILED  
R. LEMIRE

REVISIONS 1  
4/27/2016

REVISIONS 2  
4/27/2016

REVISIONS 3  
4/27/2016

REVISIONS 4  
4/27/2016

FIELD CHANGES  
4/27/2016

SIGNATURE  
4/27/2016

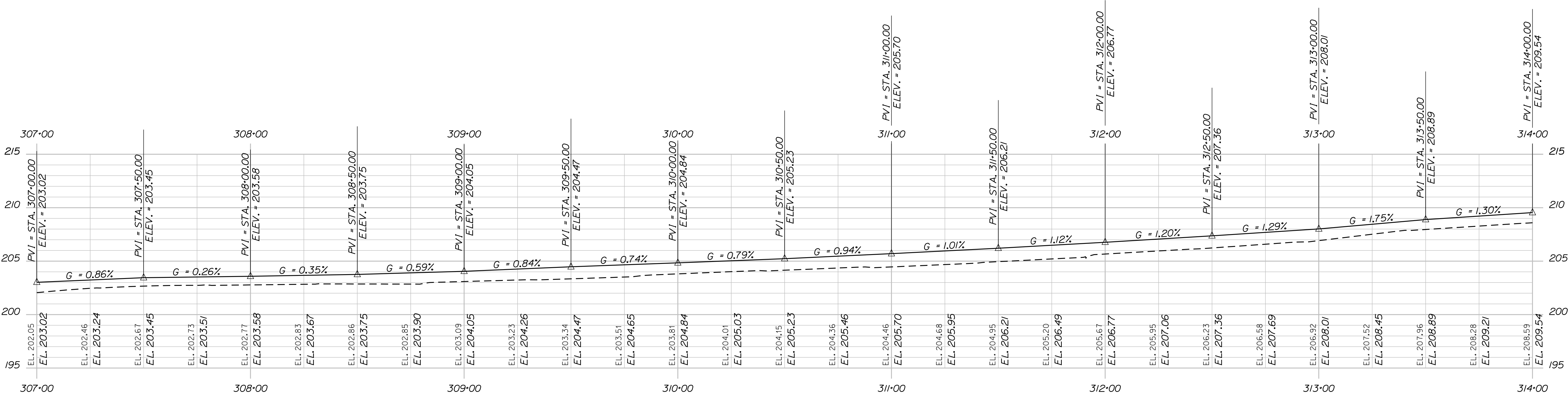
P.E. NUMBER  
4/27/2016

DATE  
4/27/2016

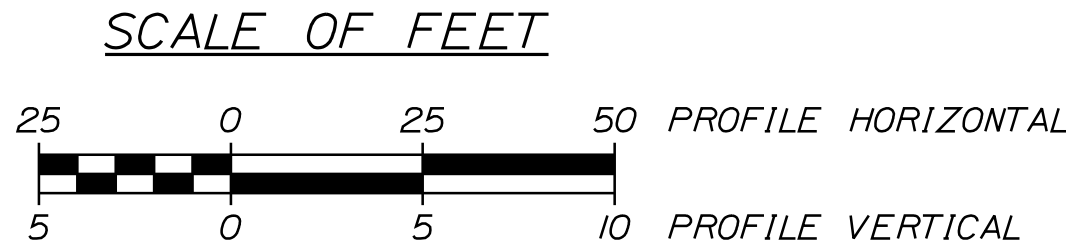
WIN  
18129.10

HIGHWAY PLANS





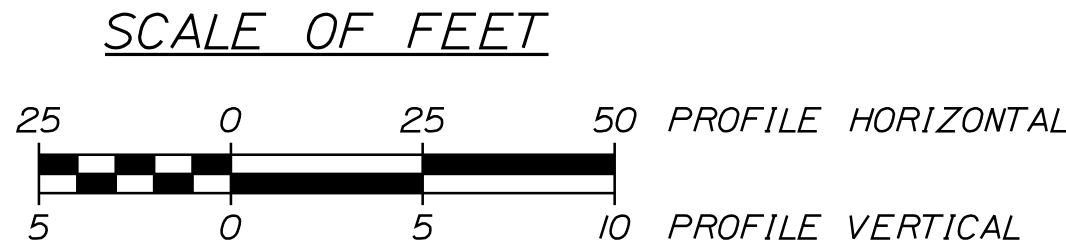
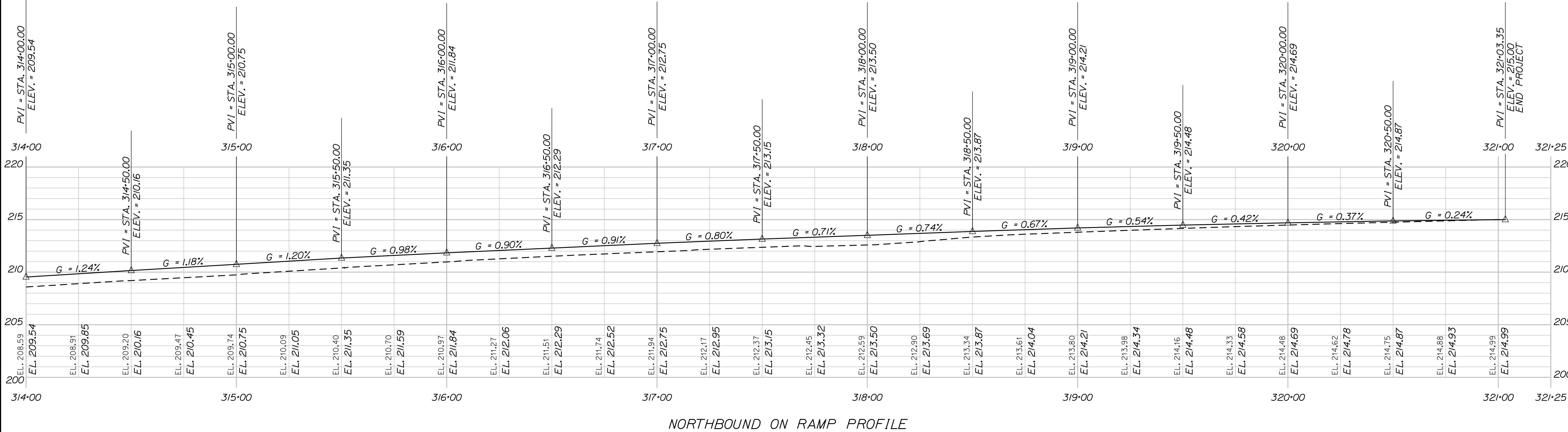
NORTHBOUND ON RAMP PROFILE



WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**50**  
OF 182

PROJ. MANAGER	BY	DATE
E. MARTIN		
CHECKED-DETAILED	M. DEBOWSKI	
DESIGNED-REVIEWED	S. BARAJIS	SIGNATURE
DESIGNED-DETAILED	R. LEMIRE	P.E. NUMBER
REVISIONS 1		DATE
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		



WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

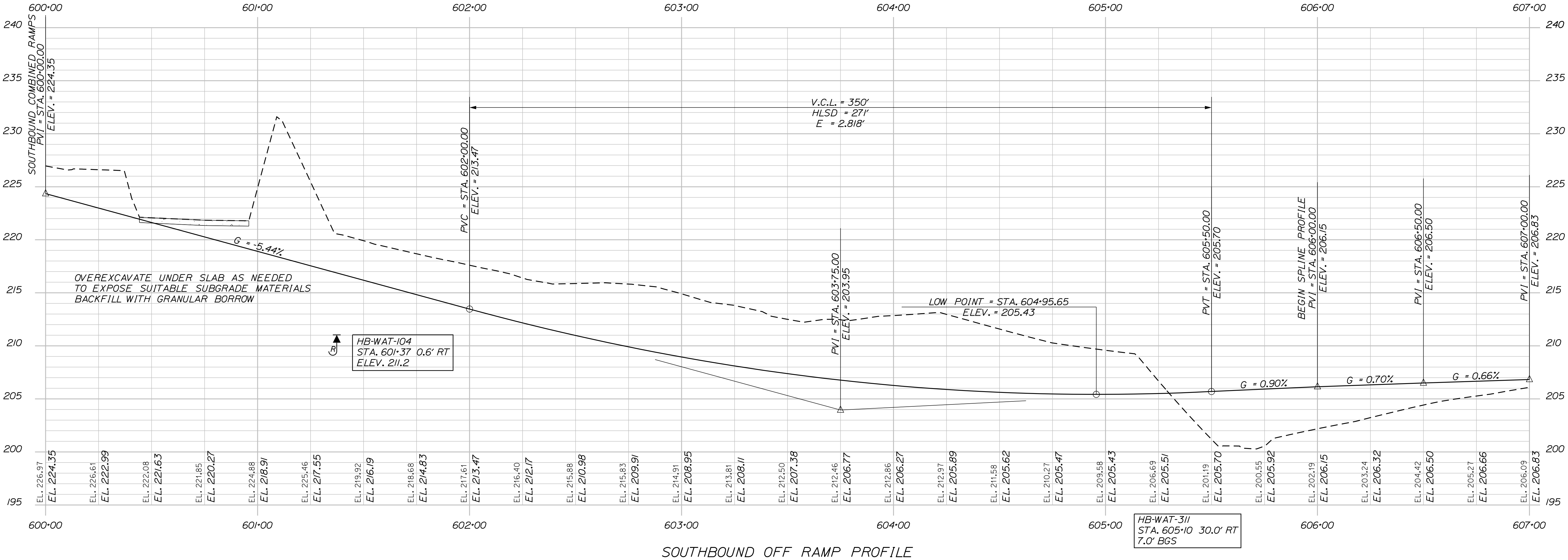
PROFILES

SHEET NUMBER  
**51**  
OF 182

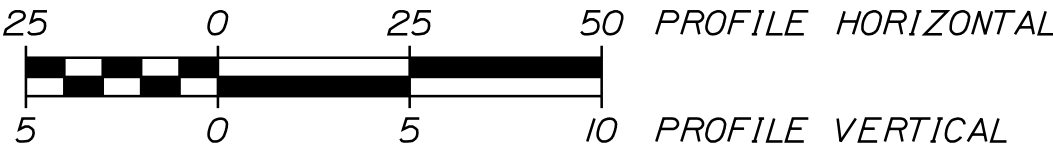
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

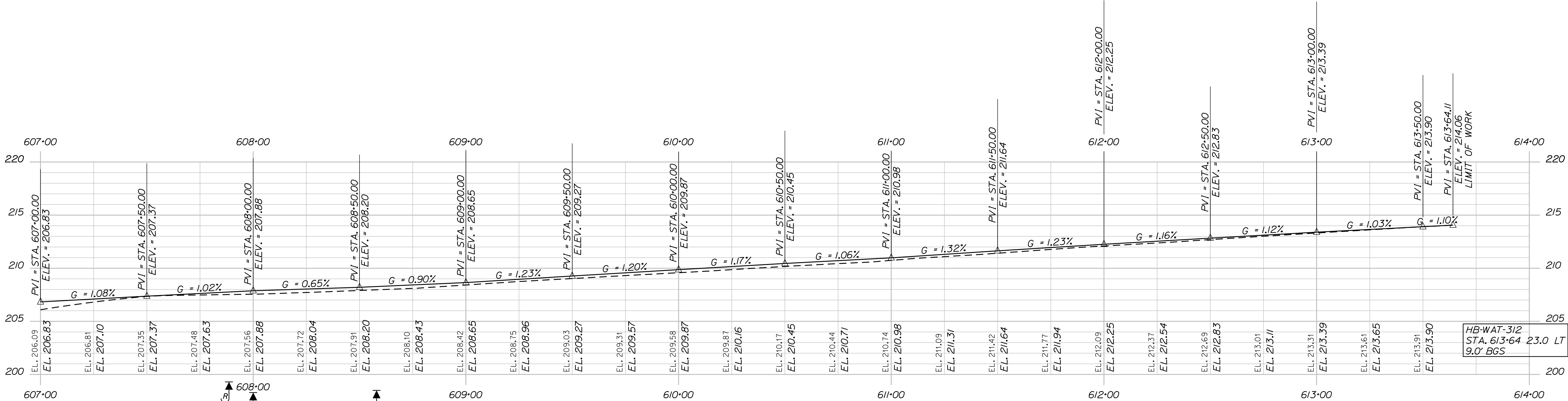
WIN  
18129.10

HIGHWAY PLANS



SCALE OF FEET





- HB-WAT-201

STA. 608+58 34.5' RT

ELEV. 198.5
- HB-WAT-202

STA. 608+33 34.6' RT

ELEV. 197.3
- HB-WAT-203

STA. 607+89 34.8' RT

ELEV. 199.3
- HB-WAT-204

STA. 608+00 7.9' RT

ELEV. 198.4
- HB-WAT-205

STA. 608+35 7.5' RT

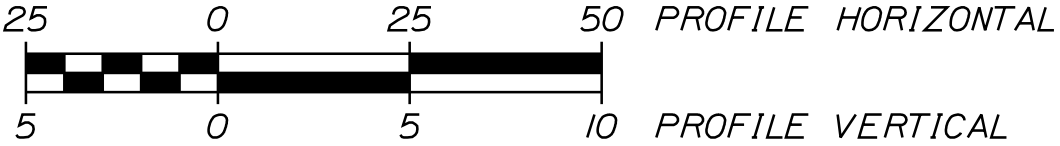
ELEV. 197.4
- HB-WAT-206

STA. 608+52 7.5' RT

ELEV. 194.8

SOUTHBOUND OFF RAMP PROFILE

SCALE OF FEET



WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

PROFILES

SHEET NUMBER

53

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

SIGNATURE

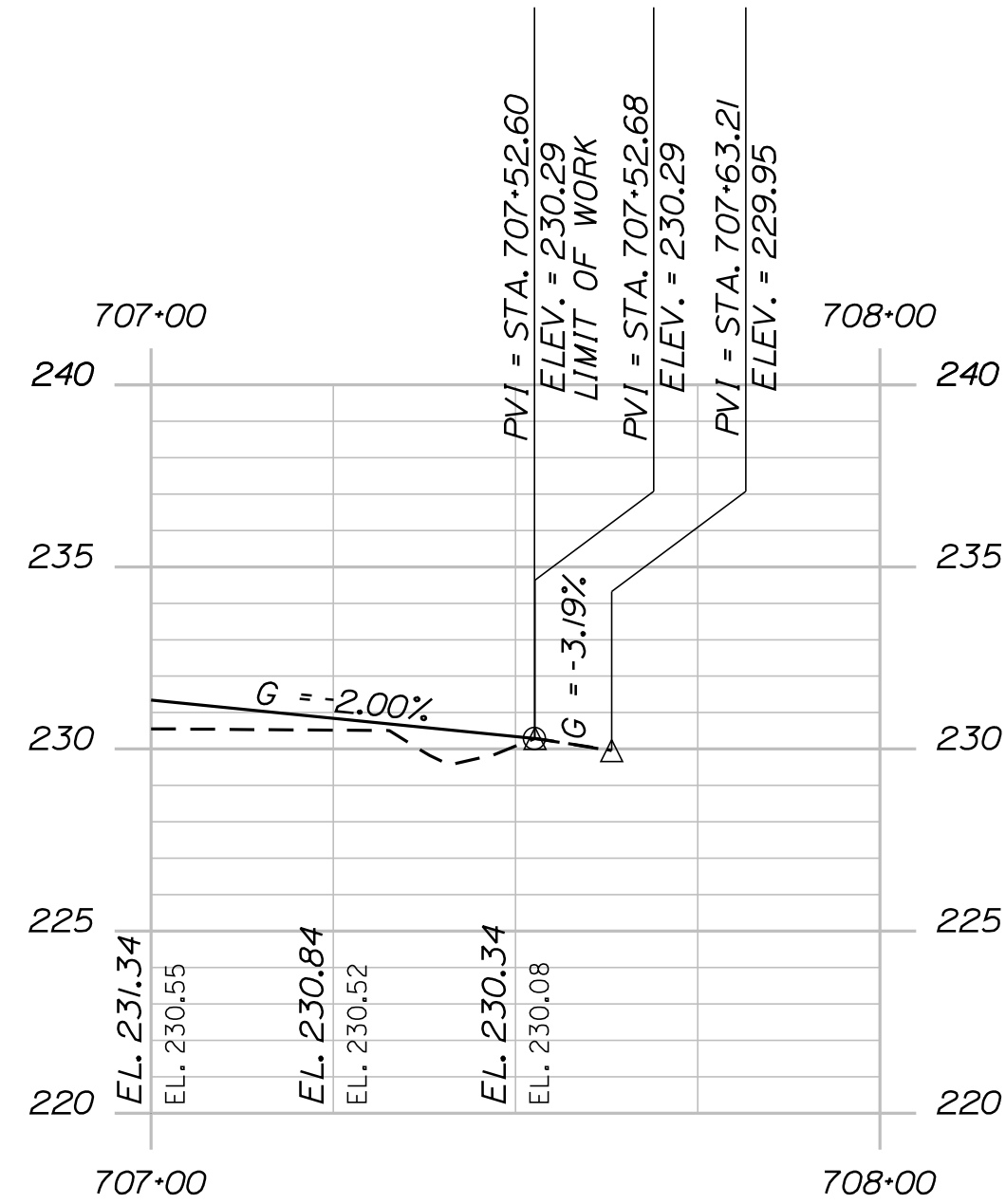
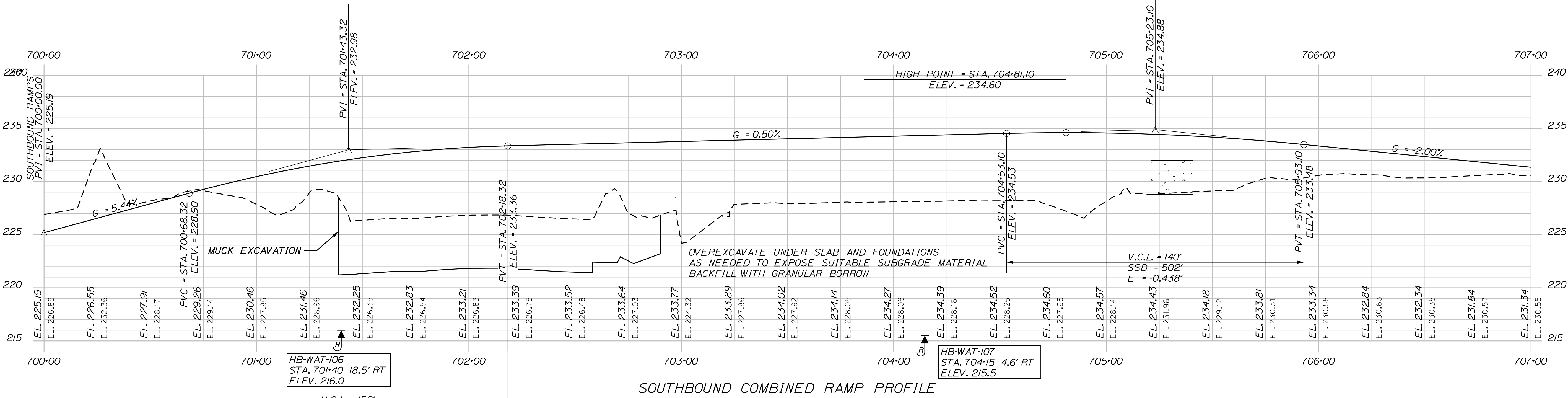
P.E. NUMBER

DATE

WIN  
18129.10

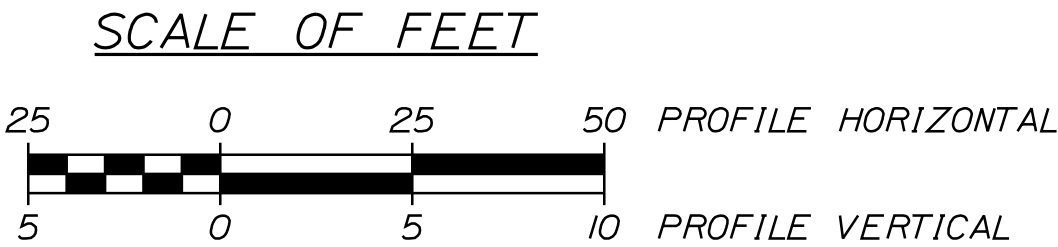
HIGHWAY PLANS

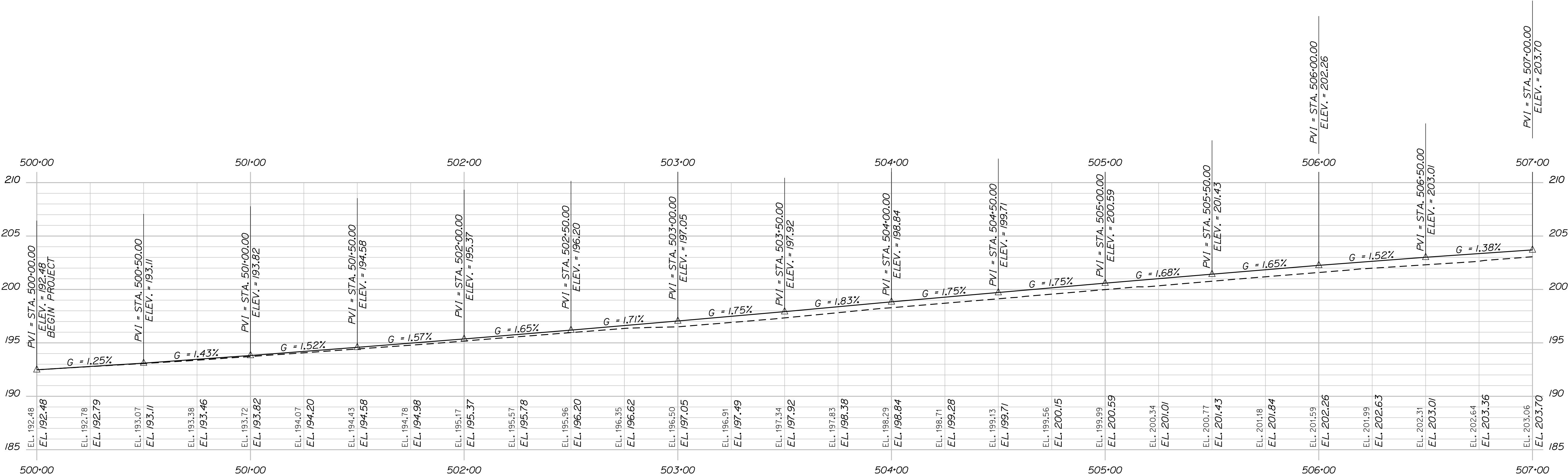




SOUTHBOUND COMBINED RAMP PROFILE

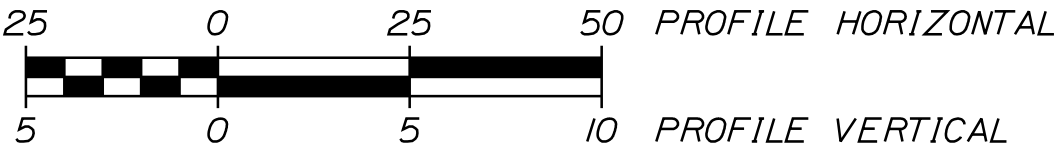
UNSUITABLE MATERIALS ARE ANTICIPATED WITHIN THE LIMITS OF THE FORMER FARM POND. BECAUSE SUBSURFACE EXPLORATIONS COULD NOT BE PERFORMED WITHIN THE POND FOOTPRINT, THE NATURE AND EXTENTS (THICKNESS AND PLANAR LIMITS) OF POSSIBLE UNSUITABLE MATERIALS WITHIN THE POND ARE UNKNOWN AND WILL ONLY BECOME EVIDENT DURING CONSTRUCTION. THE CONTRACTOR SHALL BE PREPARED TO REMOVE A 5-FOOT THICKNESS OF MUCK FROM THE LIMIT OF THE POND. ALL MUCK REMOVAL SHALL BE COORDINATED WITH RESIDENT SO THAT TYPE AND QUANTITY OF EXCAVATION CAN BE ADEQUATELY QUANTIFIED.





SOUTHBOUND ON RAMP PROFILE

SCALE OF FEET

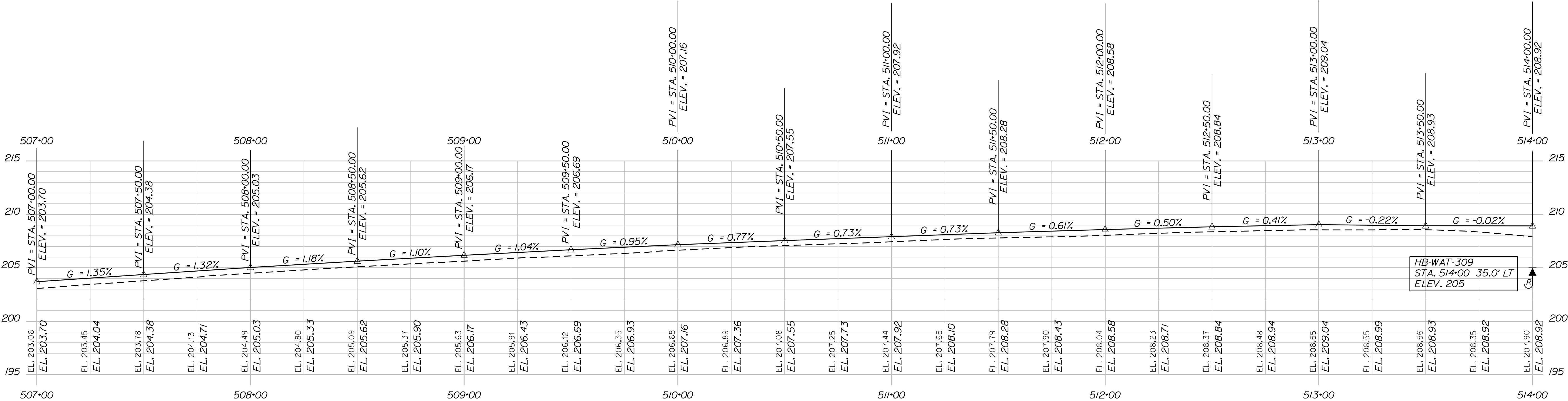


WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

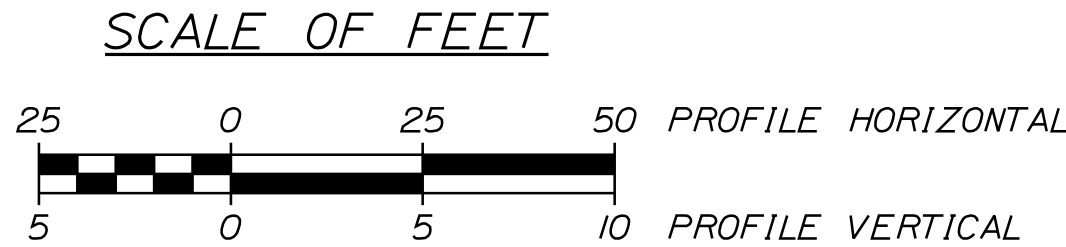
SHEET NUMBER  
**55**  
OF 182

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
  
WIN  
18129.10  
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
E. MARTIN		
CHECKED-REVIEWED	M. DEBOWSKI	
DESIGNED-DETAILER	S. BARAJIS	SIGNATURE
DESIGNED-DETAILER	R. LEMIRE	P.E. NUMBER
REVISIONS 1		DATE
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		



SOUTHBOUND ON RAMP PROFILE

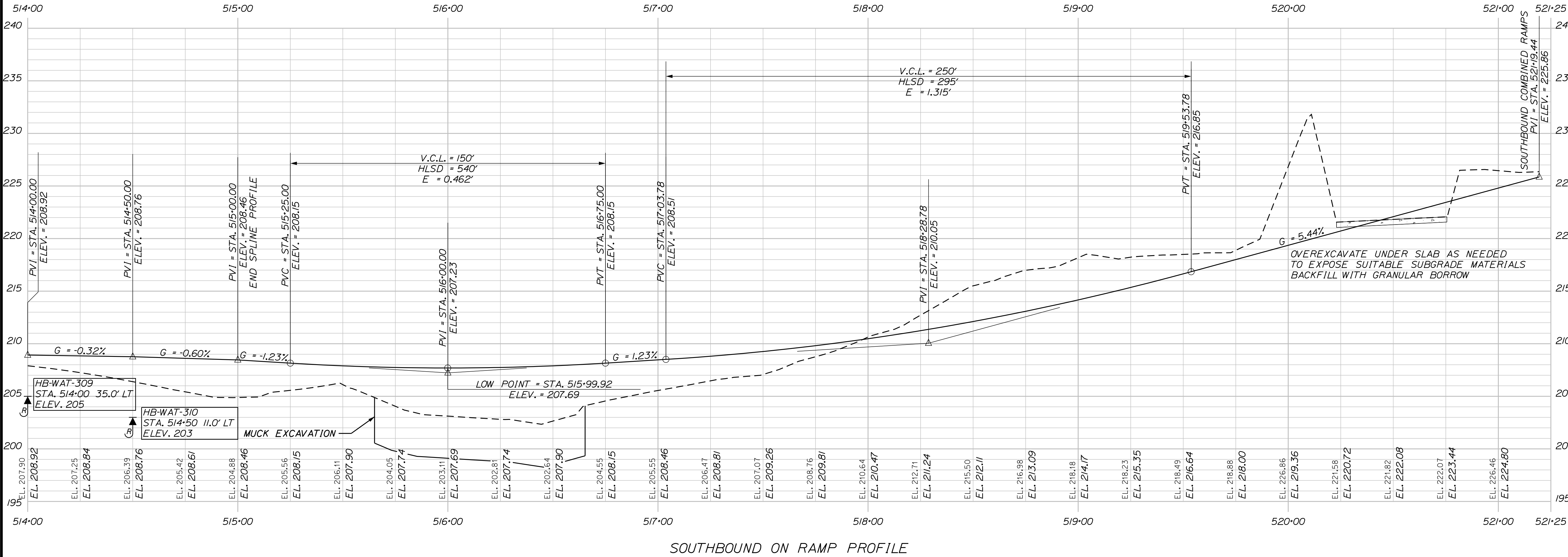


WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

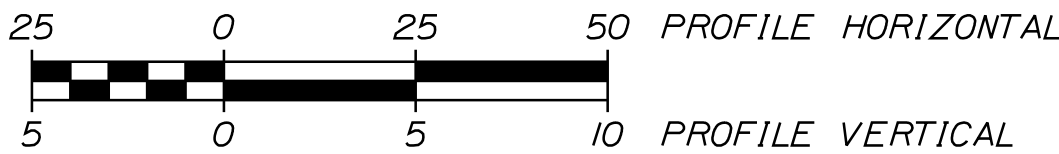
SHEET NUMBER  
**56**  
OF 182

PROFILES

PROJ. MANAGER	BY	DATE
E. MARTIN		
CHECKED-REVIEWED	M. DEBOWSKI	
DESIGNED-DRAWN	S. BARAJIS	
DESIGNED-DRAWN	R. LEMIRE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SIGNATURE		
P.E. NUMBER		
DATE		

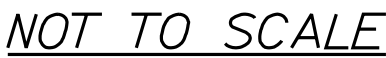


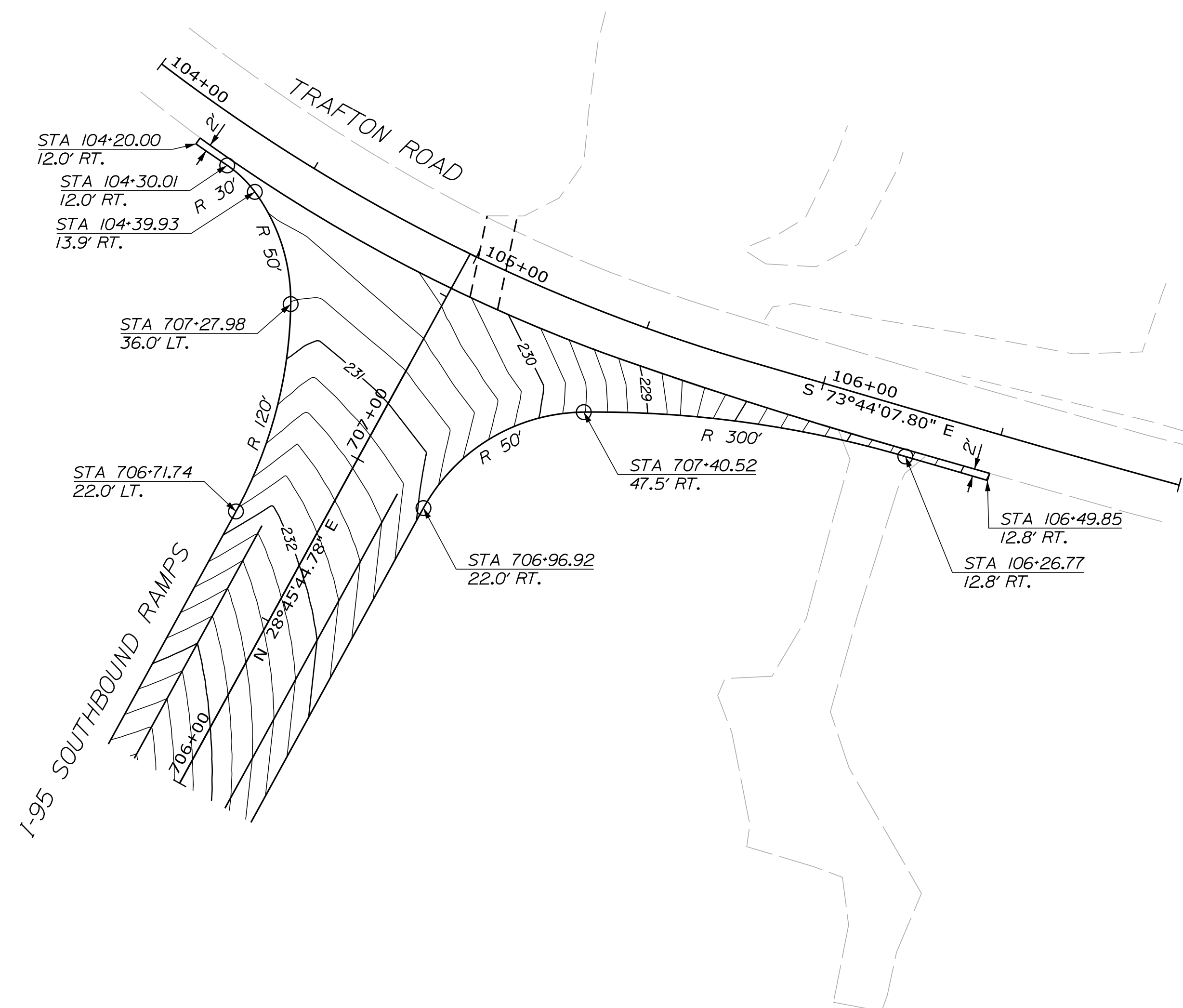
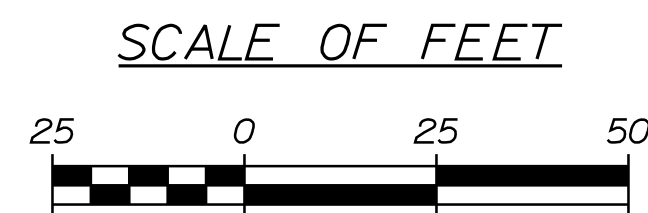
SCALE OF FEET



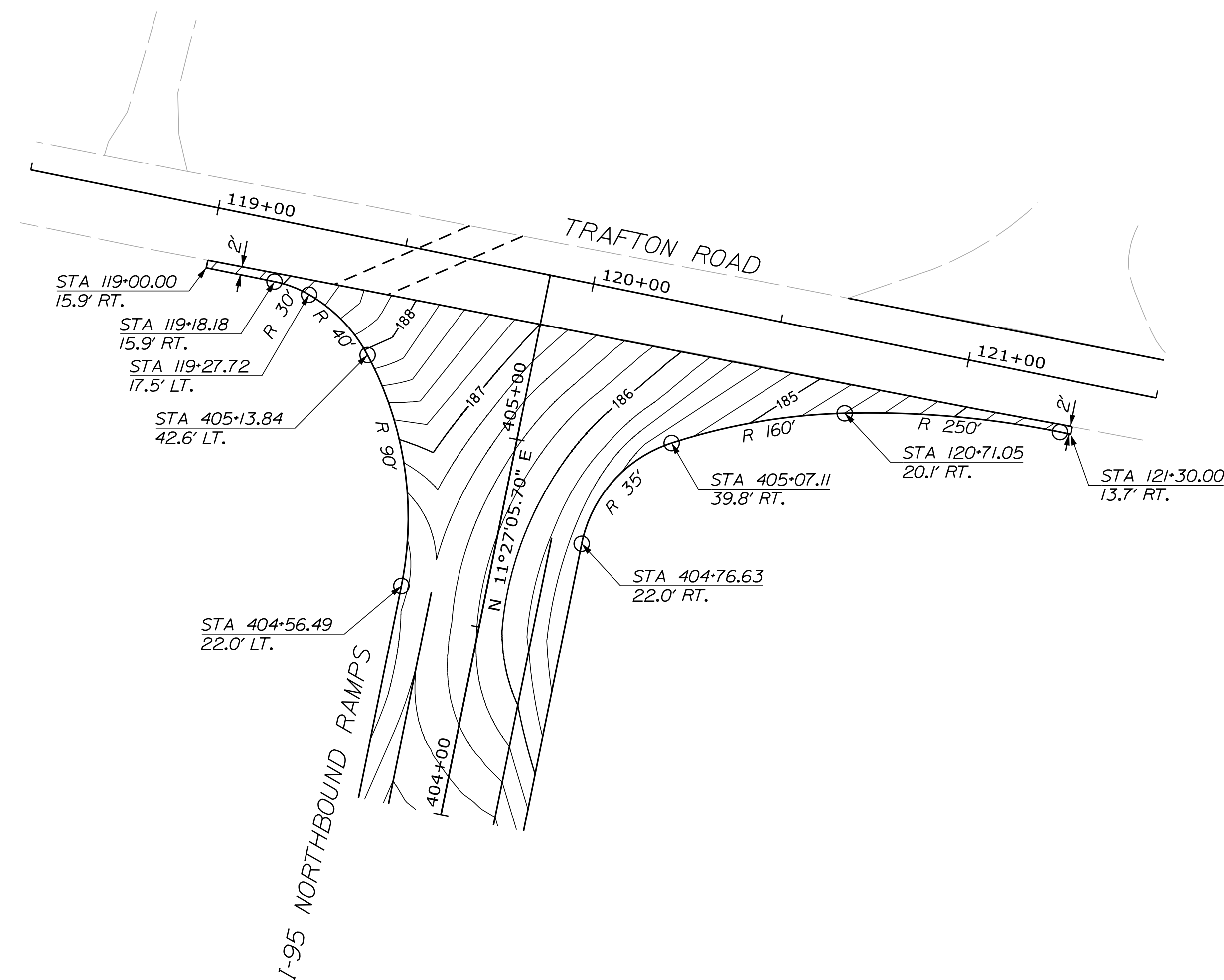
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
WATERVILLE AND SIDNEY		SIGNATURE	
TRAFTON ROAD INTERCHANGE		P.E. NUMBER	
PROFILES		DATE	
SHEET NUMBER		WIN	
57		18129.10	
OF 182		HIGHWAY PLANS	



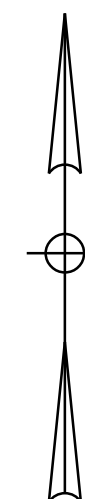




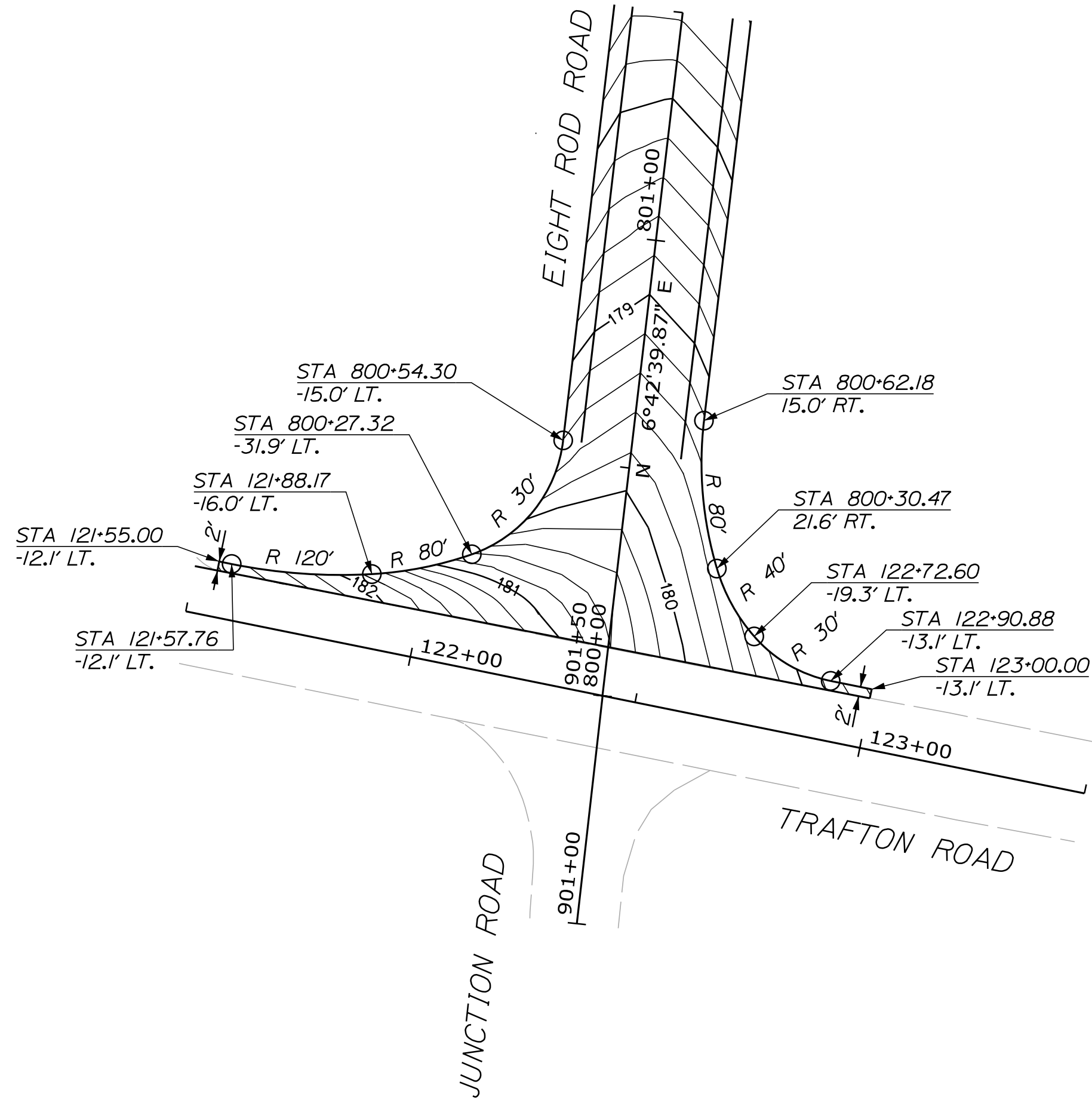
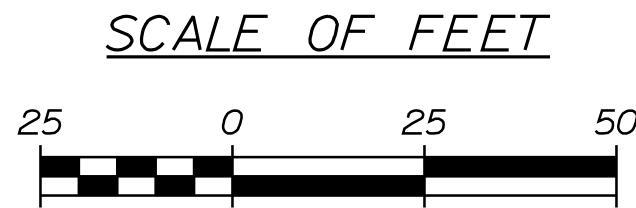
SOUTHBOUND RAMPS INTERSECTION  
GRADING/GEOMETRY PLAN



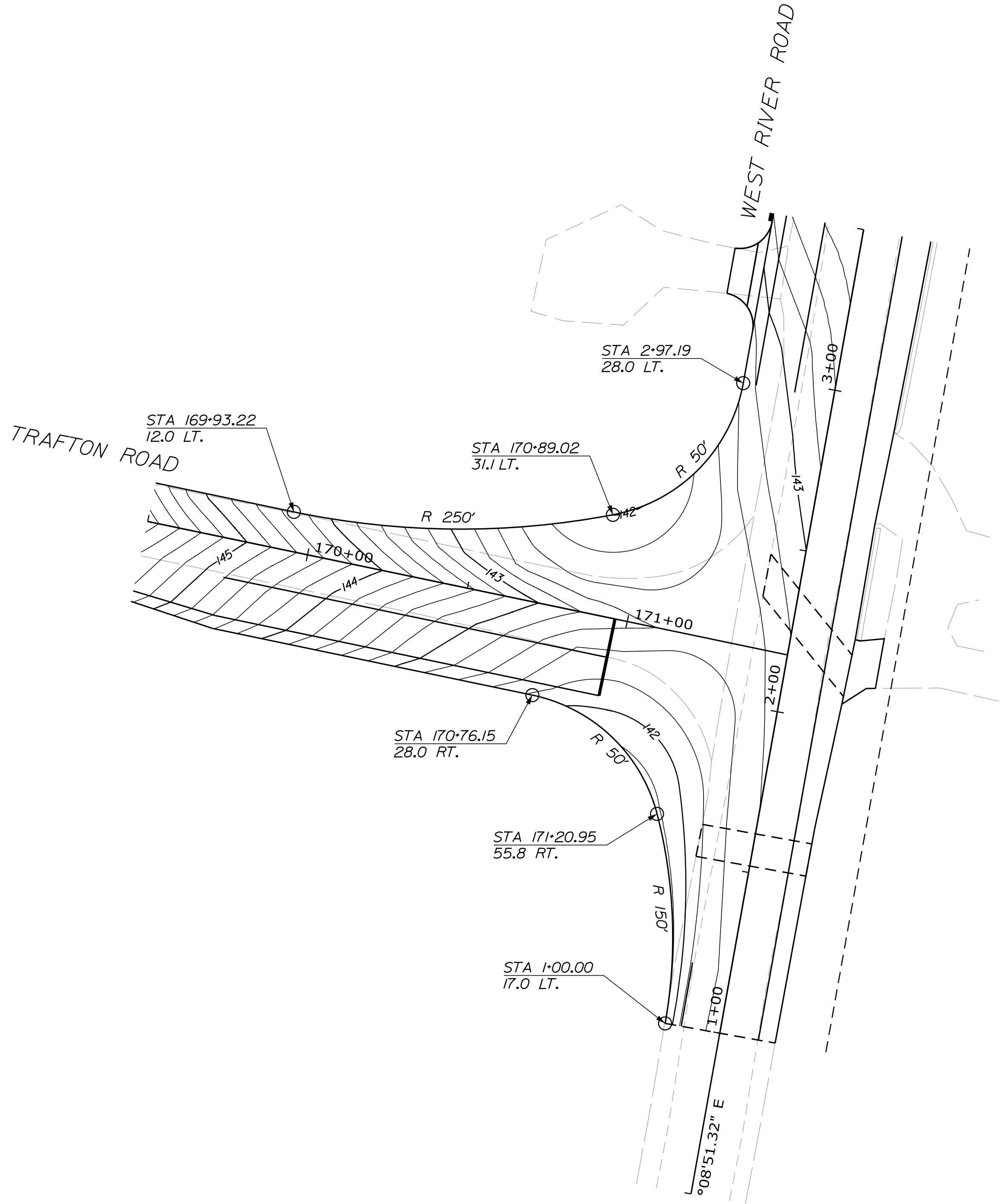
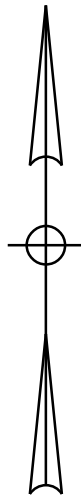
NORTHBOUND RAMPS INTERSECTION  
GRADING/GEOMETRY PLAN



<div> <div>59</div> <div>OF 182</div> </div>	SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		<div> <div>PROJ. MANAGER</div> <div>E. MARTIN</div> </div>	<div> <div>BY</div> </div>	<div> <div>DATE</div> </div>	<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> </div>
					<div> <div>DESIGN-DETAILED</div> </div>			
					<div> <div>CHECKED-REVIEWED</div> </div>		<div> <div>SIGNATURE</div> </div>	
					<div> <div>DESIGN2-DETAILED02</div> </div>			
					<div> <div>DESIGN3-DETAILED03</div> </div>		<div> <div>P.E. NUMBER</div> </div>	
		INTERSECTION GRADING PLAN		<div> <div>REVISIONS 1</div> </div>				<div> <div>WIN</div> <div>18129.10</div> <div>HIGHWAY PLANS</div> </div>
				<div> <div>REVISIONS 2</div> </div>				
				<div> <div>REVISIONS 3</div> </div>				
				<div> <div>REVISIONS 4</div> </div>		<div> <div>DATE</div> </div>		
				<div> <div>FIELD CHANGES</div> </div>				



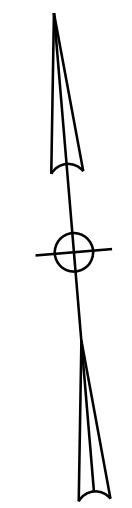
EIGHT ROD ROAD INTERSECTION  
GRADING/GEOMETRY PLAN



WEST RIVER ROAD INTERSECTION  
GRADING/GEOMETRY PLAN

STATE OF MAINE DEPARTMENT OF TRANSPORTATION					SIGNATURE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					P.E. NUMBER
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
STATE OF MA					

60



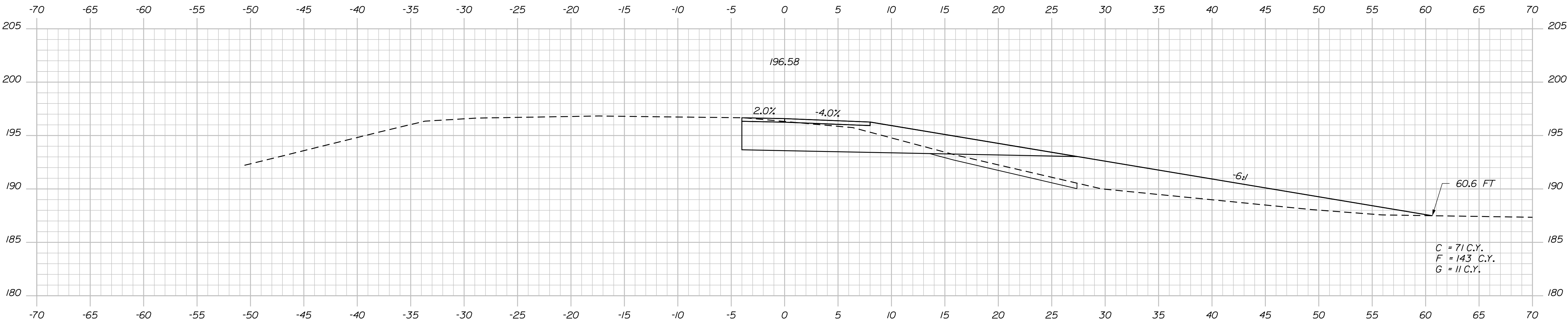
<div><div>SHEET NUMBER</div><div>61</div><div>OF 182</div></div>	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE				PROJ. MANAGER	E. MARTIN	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
					CHECKED-REVIEWED	M. DEBOWSKI				
					DESIGN2-DETAILER	S. BABALUS		SIGNATURE		
					DESIGN3-DETAILER	R. LEMIRE		P.E. NUMBER		
					REVISIONS 1					
					REVISIONS 2					
				REVISIONS 3						
				REVISIONS 4						
				FIELD CHANGES				DATE	WIN 18129.10	
										HIGHWAY PLANS



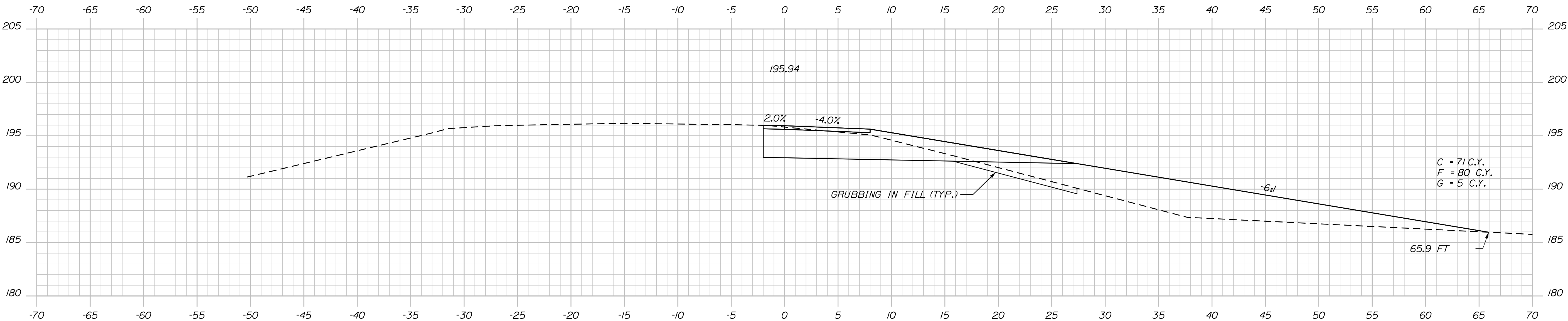
Date:4/27/2016

Username: mdebowski

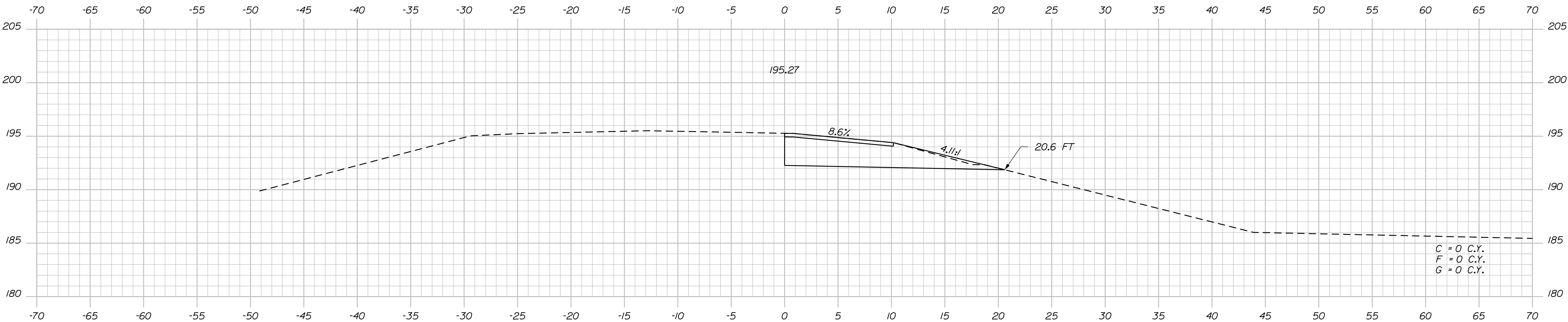
Filename: ... \062\_XSECT\_NB\_Off\_200+00\_001.dgn Division: HIGHWAY



201+00.00



200+50.00



200+00.00

HB-WAT-303  
STA. 200+01 23.9' RT  
18.0' BGS

NOTE:  
BGS = BELOW GROUND SURFACE

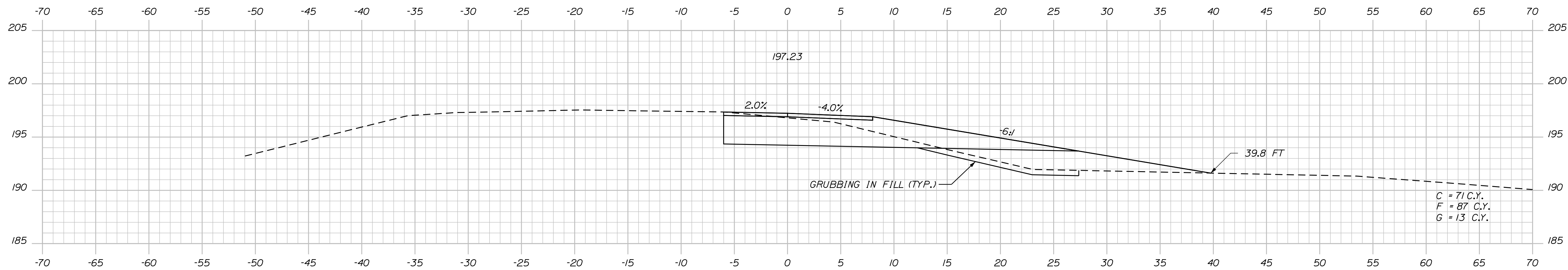
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	
18129.10	
HIGHWAY PLANS	

SIGNATURE	
P.E. NUMBER	
DATE	
PROJ. MANAGER	BY
CHECKED-REVIEWED	DATE
DESIGN-DETAILED	DATE
DESIGN-DETAILED	DATE
REVISIONS 1	DATE
REVISIONS 2	DATE
REVISIONS 3	DATE
REVISIONS 4	DATE
FIELD CHANGES	DATE

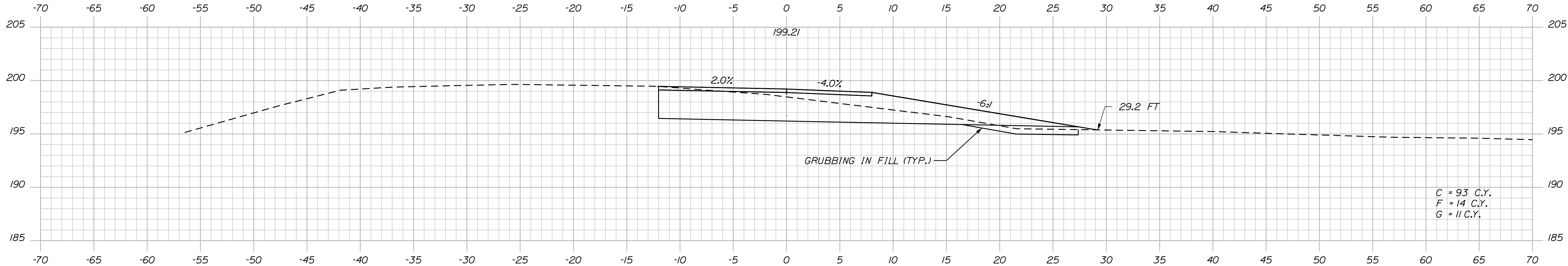
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	
CROSS SECTIONS	

SHEET NUMBER	
62	
OF 182	

Filename: ... \063\_XSECT\_NB\_Off\_201+50\_002.dgn Division: HIGHWAY



SHEET NUMBER  
**63**  
OF 182

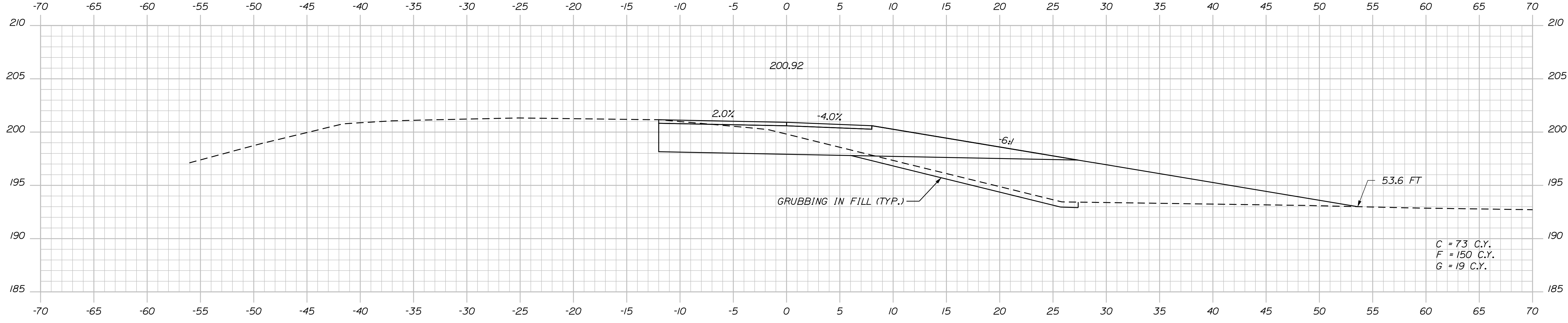


SHEET NUMBER

64

OF 182

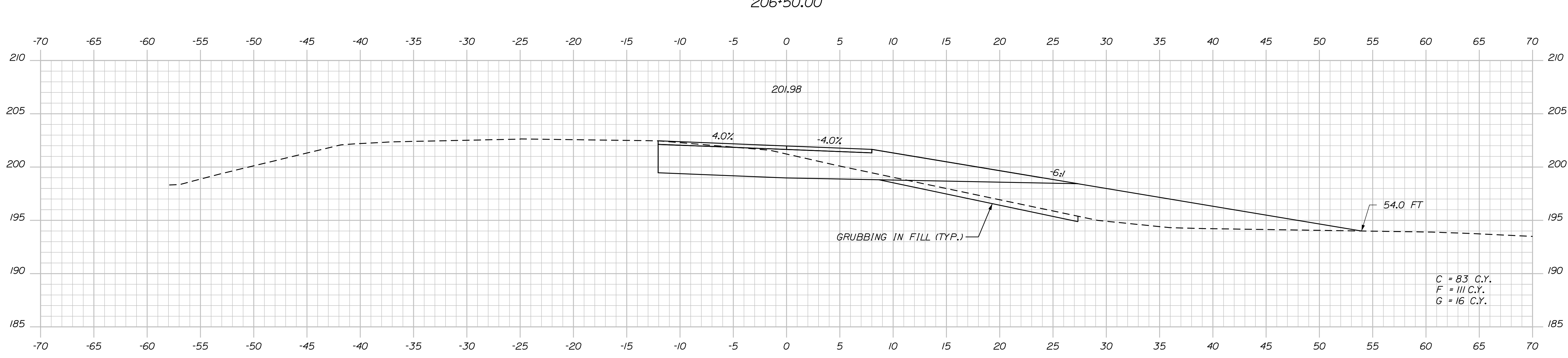
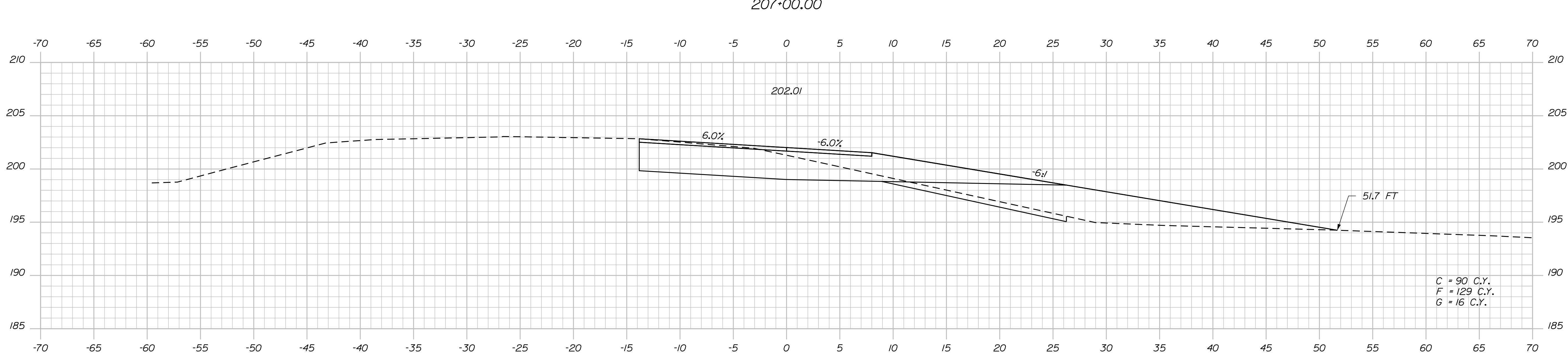
Filename: ... \065\_XSECT\_NB\_Off\_204+50\_004.dgn Division: HIGHWAY



SHEET NUMBER

65

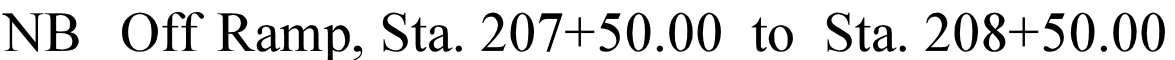
OF 182



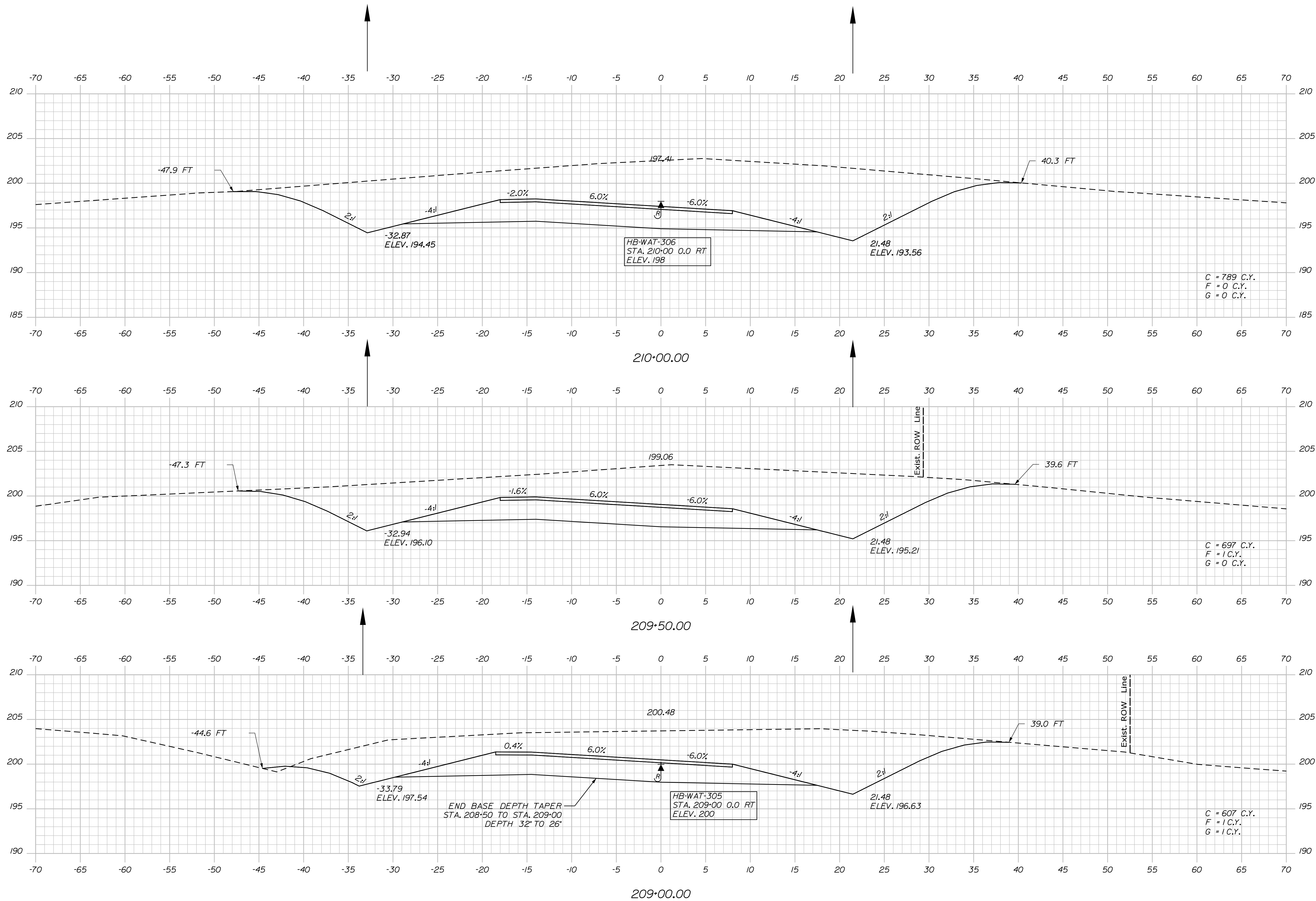
SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER \$PROJMANAGER\$		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
66 OF 182				DESIGN-DETAILED		\$DESIGNER1\$		\$DATE1\$			
				CHECKED-REVIEWED							
				DESIGNS DETAIL D2		\$DESIGNER2\$		\$DATE2\$		SIGNATURE	
				DESIGNS DETAIL D3		\$DESIGNER3\$		\$DATE3\$			
				REVISIONS 1						P.E. NUMBER	
				REVISIONS 2							
				REVISIONS 3		\$REVISION3\$					
				REVISIONS 4		\$REVISION4\$					
				FIELD CHANGES		\$FIELDCHANGES\$				DATE	
		CROSS SECTIONS								WIN 18129.10 HIGHWAY PLANS	



Filename: ... \067\_XSECT\_NB\_Off\_207+50\_006.dgn Division: HIGHWAY

[illegible]

Filename: ... \068\_XSECT\_NB\_Off\_209+00\_007.dgn Division: HIGHWAY



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
18129.10	

PROJ. MANAGER	\$PROJMANAGER\$	BY	DATE
DESIGN-DET AILED	\$DESIGNER1\$	\$EDITOR1\$	\$PROJECT1\$
CHECKED-REVIEWED			
DESIGN-DET AILED2	\$DESIGNER2\$	\$EDITOR2\$	\$PROJECT2\$
DESIGN-DET AILED3	\$DESIGNER3\$	\$EDITOR3\$	\$PROJECT3\$
REVISIONS 1	REVISIONS 1		\$REVISION1\$
REVISIONS 2	REVISIONS 2		\$REVISION2\$
REVISIONS 3	REVISIONS 3		\$REVISION3\$
REVISIONS 4	REVISIONS 4		\$REVISION4\$
FIELD CHANGES	\$FIELDCHANGES\$		\$FIELDCHANGES\$

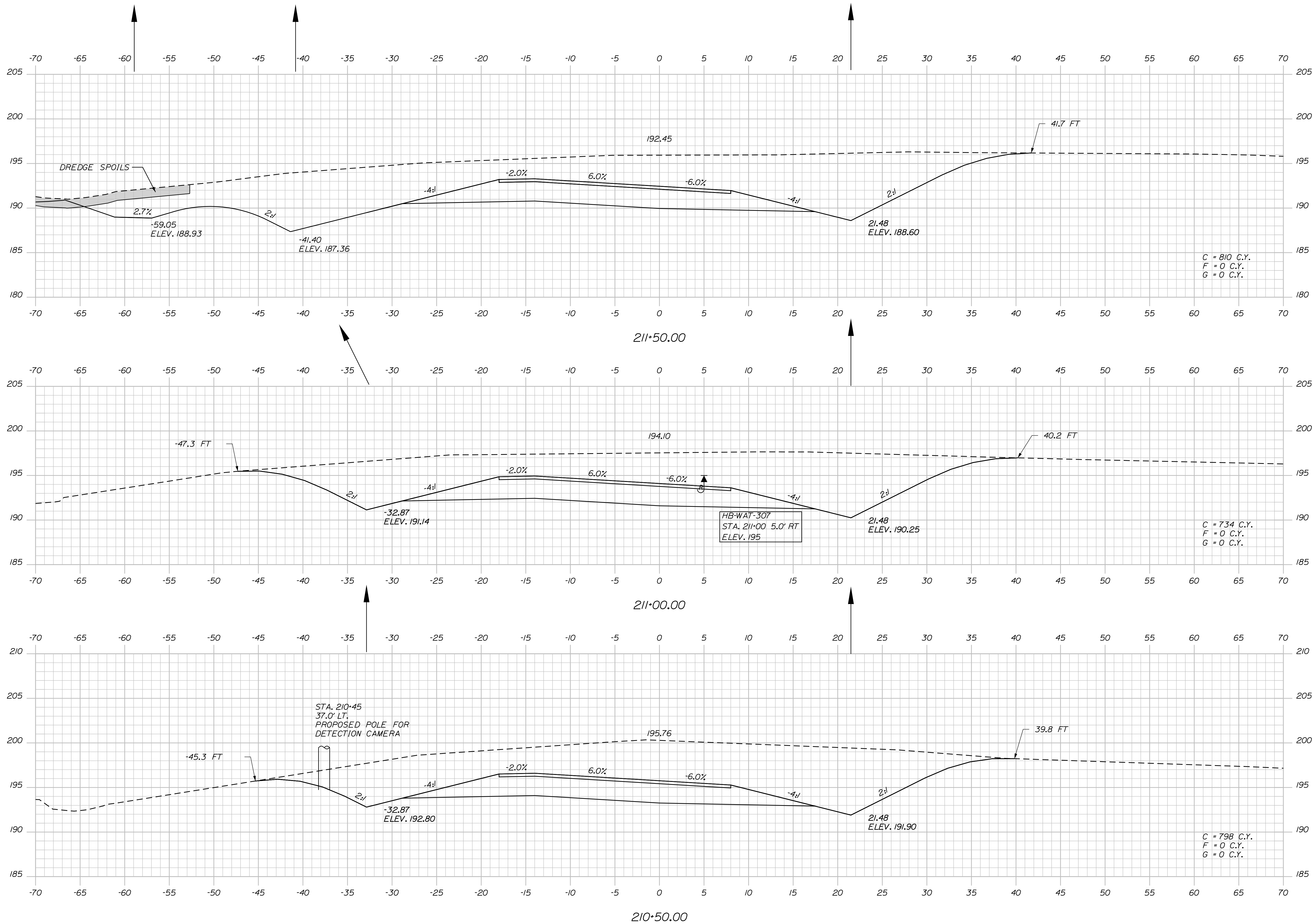
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

CROSS SECTIONS

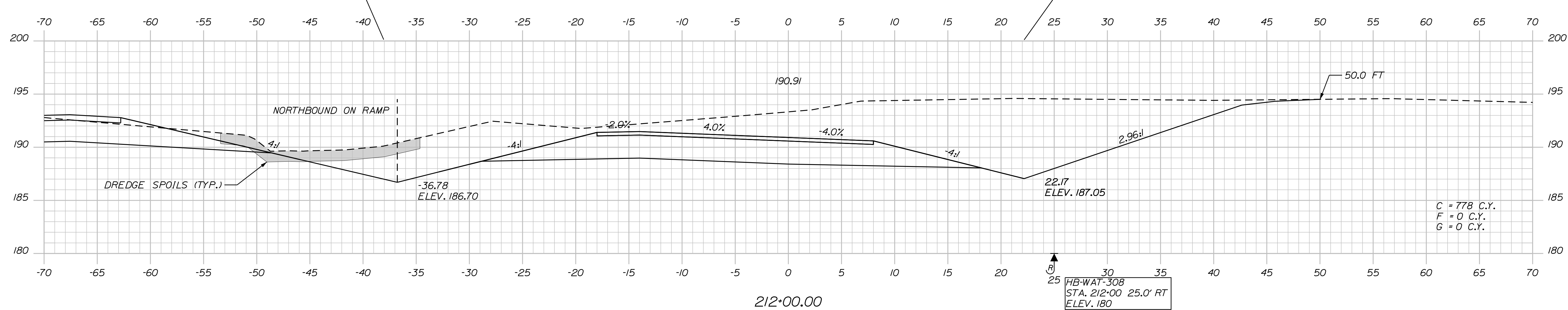
SHEET NUMBER

68

OF 182

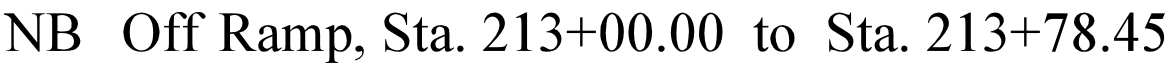


Filename: ... \070\_XSECT\_NB\_Off\_212+00\_009.dgn Division: HIGHWAY



70		SHEET NUMBER					
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER \$projmanagers\$		BY		DATE	
		DESIGNER-DETAILED \$designer1\$		\$designer1\$		\$projectdate1\$	
		CHECKED-REVIEWED		\$designer1\$			
		DESIGNER-DETAILED2 \$designer2\$		\$designer2\$		\$projectdate2\$	
		DESIGNER-DETAILED3 \$designer3\$		\$designer3\$		\$projectdate3\$	
CROSS SECTIONS		REVISIONS 1		\$revision1\$		P.E. NUMBER	
		REVISIONS 2		\$revision2\$			
		REVISIONS 3		\$revision3\$			
		REVISIONS 4		\$revision4\$		DATE	
		FIELD CHANGES		\$fieldchanges\$		\$fielddate\$	
						STATE OF MAINE	
						DEPARTMENT OF TRANSPORTATION	
						WIN	
						18129.10	
						HIGHWAY PLANS	

Filename: ... \071\_XSECT\_NB\_Off\_213+00\_010.dgn Division: HIGHWAY



**WIN**  
**18129.10**

DATE \_\_\_\_\_

# CROSS SECTIONS

SHEET NUMBER

71

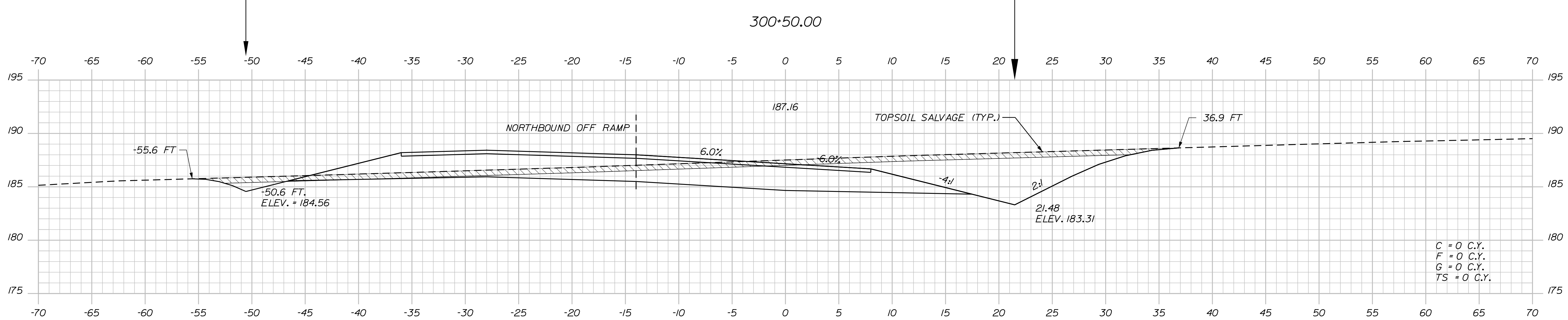
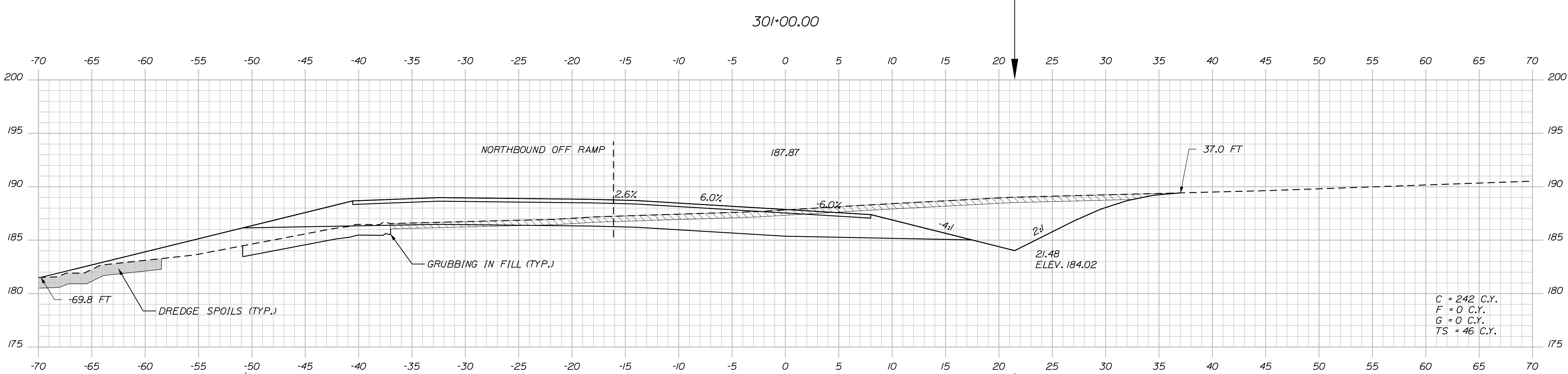
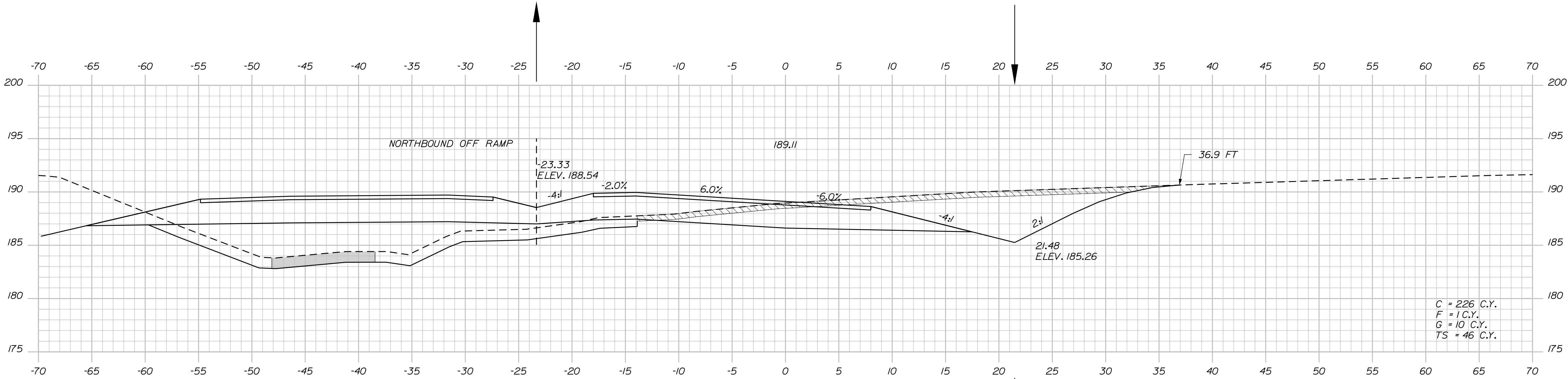
OF 182



Date:4/27/2016

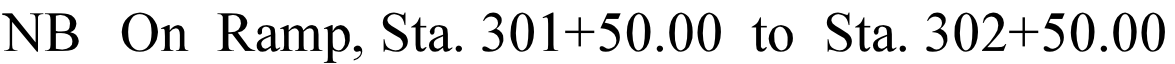
Username: mdebowski

Filename: ... \072\_XSECT\_NB\_On\_300+00\_001.dgn Division: HIGHWAY

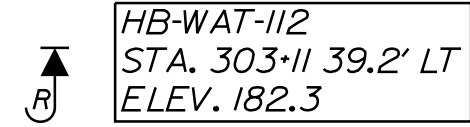


PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	DESIGNER	PROJ. DATE
CHECKED-REVIEWED	DESIGNER	PROJ. DATE
DESIGN-DETAILED	DESIGNER	PROJ. DATE
DESIGN-DETAILED	DESIGNER	PROJ. DATE
REVISIONS 1	DESIGNER	PROJ. DATE
REVISIONS 2	DESIGNER	PROJ. DATE
REVISIONS 3	DESIGNER	PROJ. DATE
REVISIONS 4	DESIGNER	PROJ. DATE
FIELD CHANGES	DESIGNER	PROJ. DATE

Filename: ... \073\_XSECT\_NB\_0n\_301+50\_002.dgn Division: HIGHWAY

[illegible]

Filename: ... \074\_XSECT\_NB\_On\_303+00\_003.dgn Division: HIGHWAY

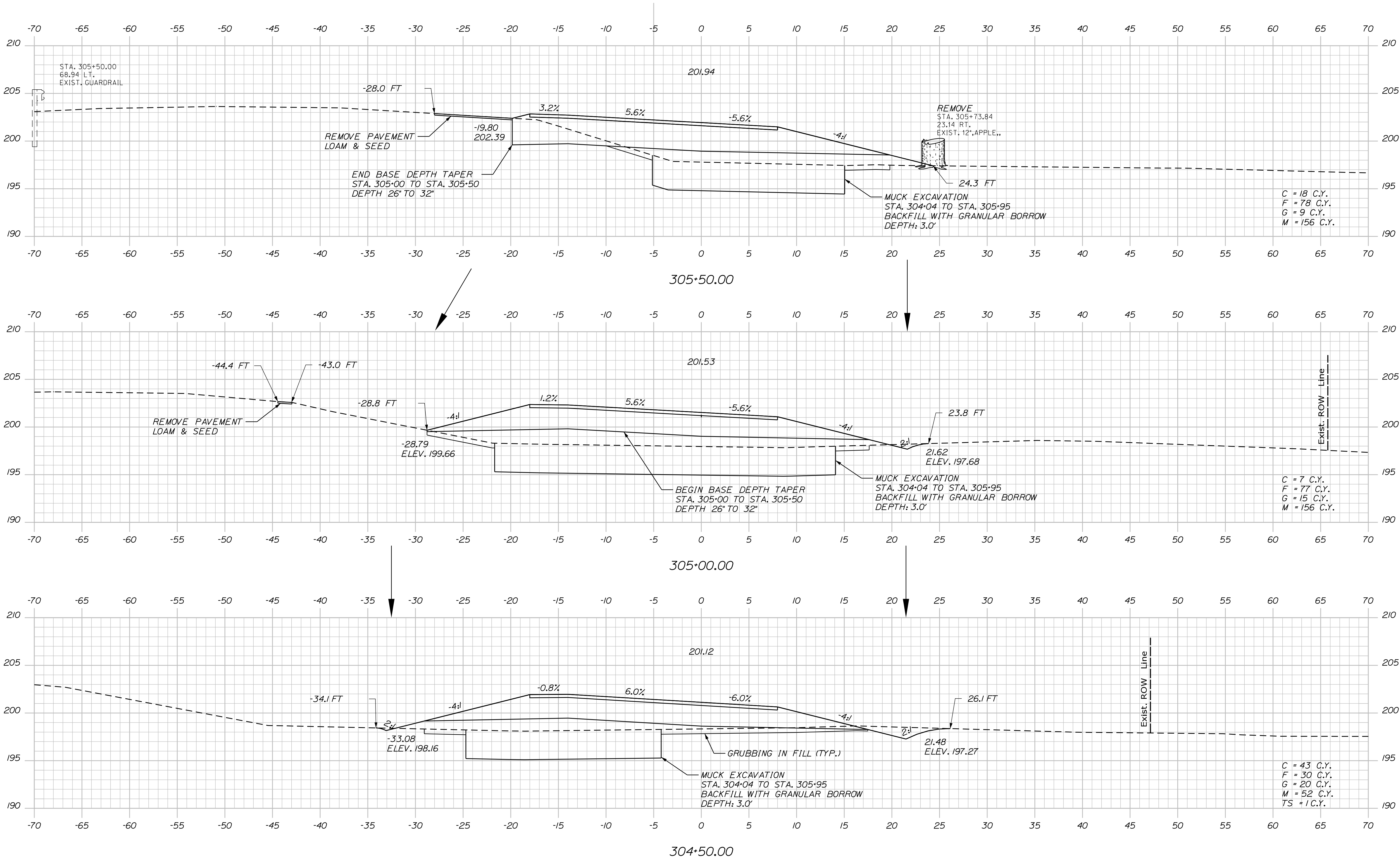


74

Date:4/27/2016

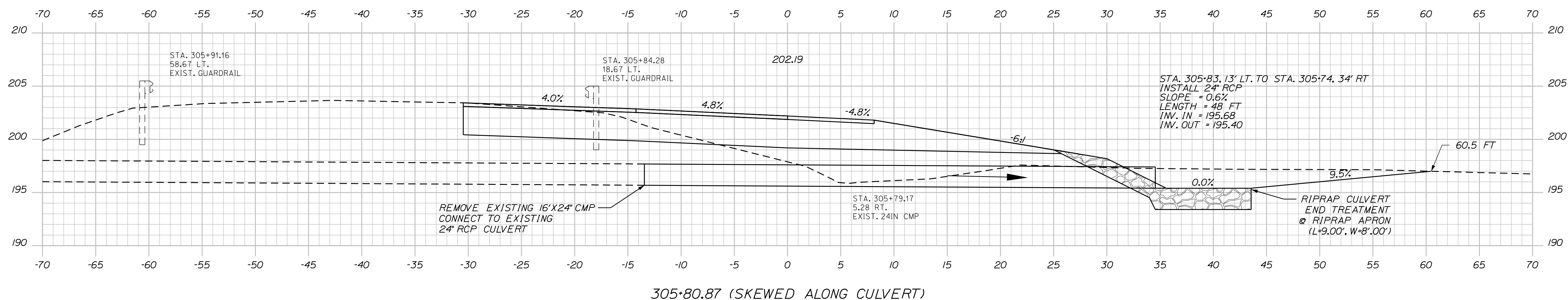
Username: mdebowski

Filename: ... \075\_XSECT\_NB\_On\_304+50\_004.dgn Division: HIGHWAY



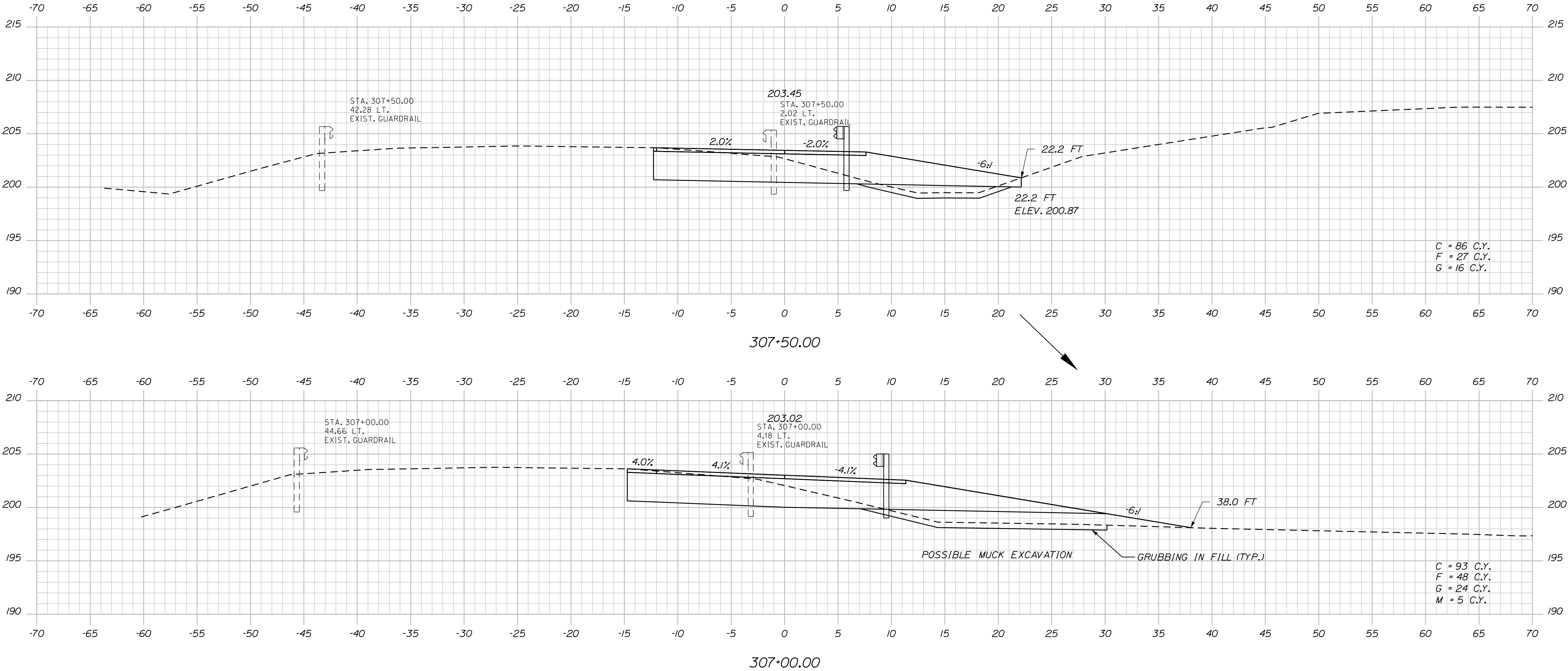
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	DESIGNER	DATE	
DESIGN-DETAILED	DESIGNER	DATE	
DESIGN-DETAILED	DESIGNER	DATE	
REVISIONS 1	REVISION	DATE	
REVISIONS 2	REVISION	DATE	
REVISIONS 3	REVISION	DATE	
REVISIONS 4	REVISION	DATE	
FIELD CHANGES	FIELD	DATE	

Filename: ... \076\_XSECT\_NB\_On\_305+80\_005.dgn Division: HIGHWAY



<div> <div>76</div> <div>OF 182</div> </div>	<div> <div>SHEET NUMBER</div> <div>WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE</div> <div>CROSS SECTIONS</div> </div>	<div> <div>PROJ. MANAGER</div> <div>\$PROJMANAGER\$</div> </div>	<div> <div>BY</div> <div>\$DATE\$</div> </div>	<div> <div>DATE</div> <div>\$DATE\$</div> </div>	<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>WIN</div> <div>18129.10</div> <div>HIGHWAY PLANS</div> </div>
		<div> <div>CHECKED-REVIEWED</div> <div>\$DESIGNER1\$</div> </div>	<div> <div>\$DESIGNER1\$</div> </div>	<div> <div>SIGNATURE</div> <div>P.E. NUMBER</div> <div>DATE</div> </div>	
		<div> <div>DESIGNER-DET. AIDED</div> <div>\$DESIGNER2\$</div> </div>	<div> <div>\$DESIGNER2\$</div> </div>		
		<div> <div>DESIGNER-DET. AIDED</div> <div>\$DESIGNER3\$</div> </div>	<div> <div>\$DESIGNER3\$</div> </div>		
		<div> <div>REVISIONS 1</div> <div>\$REVISION1\$</div> </div>	<div> <div>\$REVISION1\$</div> </div>		
		<div> <div>REVISIONS 2</div> <div>\$REVISION2\$</div> </div>	<div> <div>\$REVISION2\$</div> </div>		
		<div> <div>REVISIONS 3</div> <div>\$REVISION3\$</div> </div>	<div> <div>\$REVISION3\$</div> </div>		
		<div> <div>REVISIONS 4</div> <div>\$REVISION4\$</div> </div>	<div> <div>\$REVISION4\$</div> </div>		
		<div> <div>FIELD CHANGES</div> <div>\$FIELDCHANGES\$</div> </div>	<div> <div>\$FIELDCHANGES\$</div> </div>		





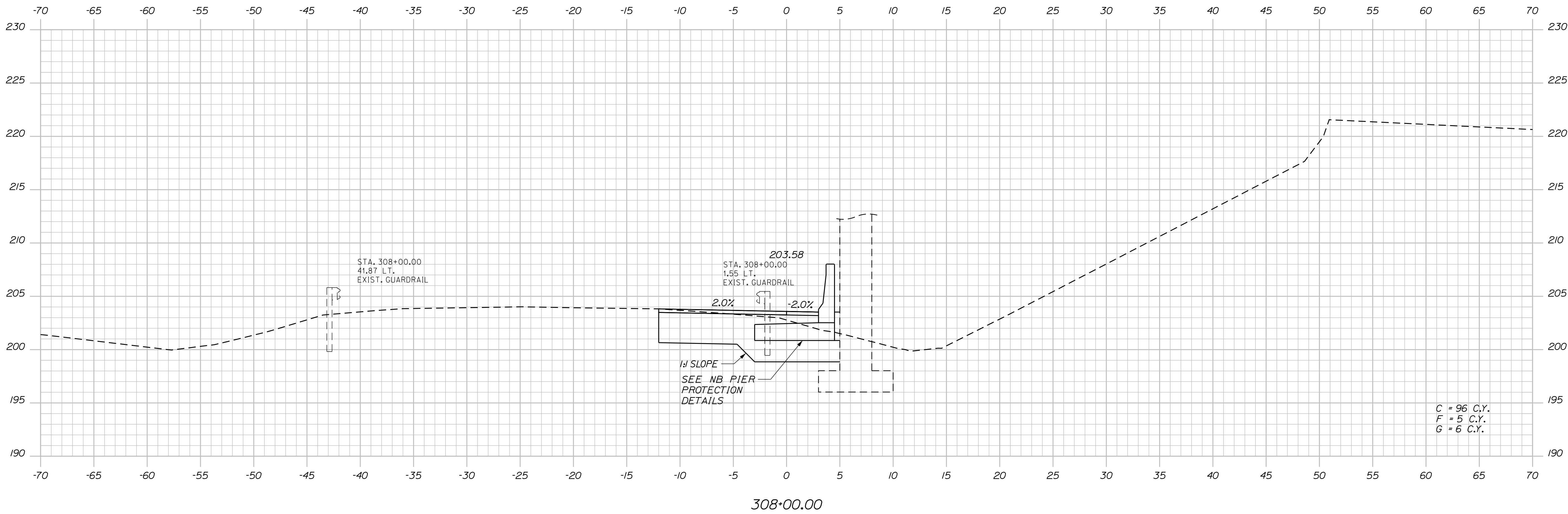
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
WIN
18129.10
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
CHECKED-REVIEWED	DESIGNER	DATE
DESIGN-DET-ALD	DESIGNER	DATE
DESIGN-DET-ALD	DESIGNER	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES

WATERVILLE AND SIDNEY
TRAFTON ROAD INTERCHANGE
CROSS SECTIONS

SHEET NUMBER
77
OF 182

Filename: ... \078\_XSECT\_NB\_0n\_308+00\_007.dgn Division: HIGHWAY

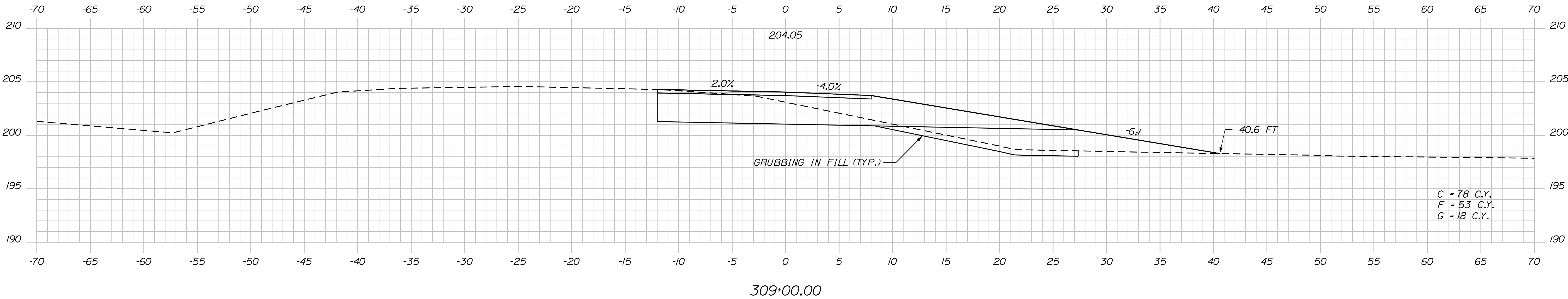
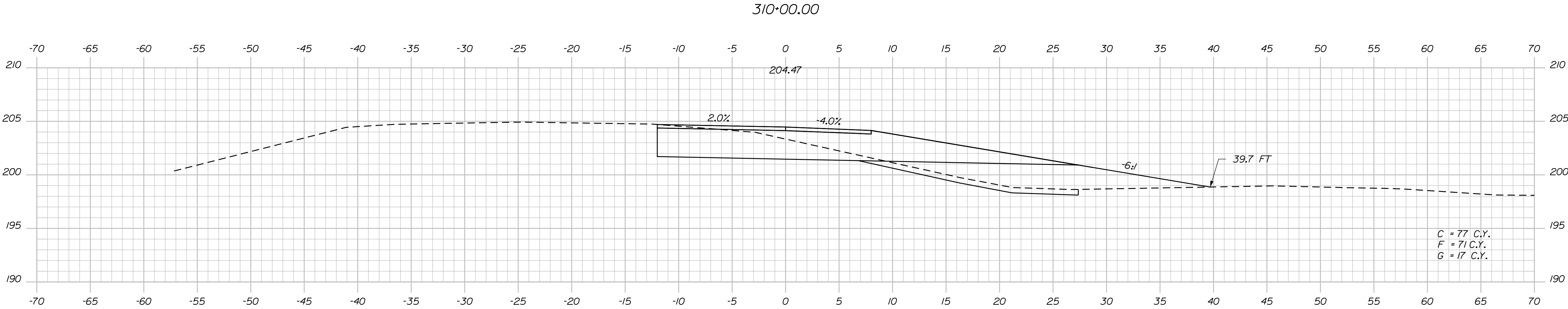
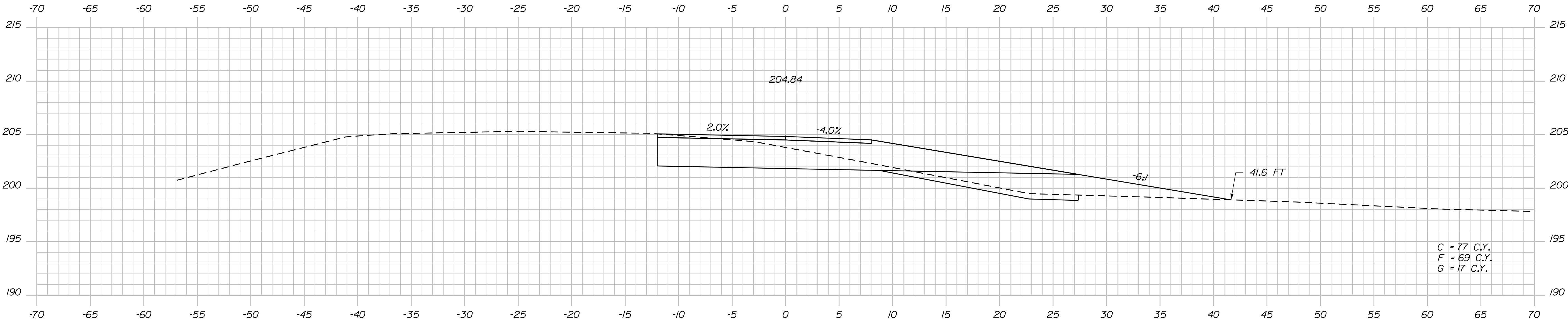


NB On Ramp, Sta. 308+00.00 to Sta. 308+50.00

Date:4/27/2016

Username: mdebowski

Filename: ... \079\_XSECT\_NB\_On\_309+00\_008.dgn Division: HIGHWAY



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**79**  
OF 182

DATE  
\$date1\$  
\$date2\$  
\$date3\$  
\$date4\$

BY  
\$designer1\$  
\$designer2\$  
\$designer3\$  
\$designer4\$

PROJ. MANAGER  
\$manager1\$  
\$manager2\$  
\$manager3\$  
\$manager4\$

CHECKED-REVIEWED  
\$checked1\$  
\$checked2\$  
\$checked3\$  
\$checked4\$

DESIGN-DETAILED  
\$designer1\$  
\$designer2\$  
\$designer3\$  
\$designer4\$

REVISIONS  
1  
2  
3  
4

FIELD CHANGES  
\$fieldchange1\$  
\$fieldchange2\$  
\$fieldchange3\$  
\$fieldchange4\$

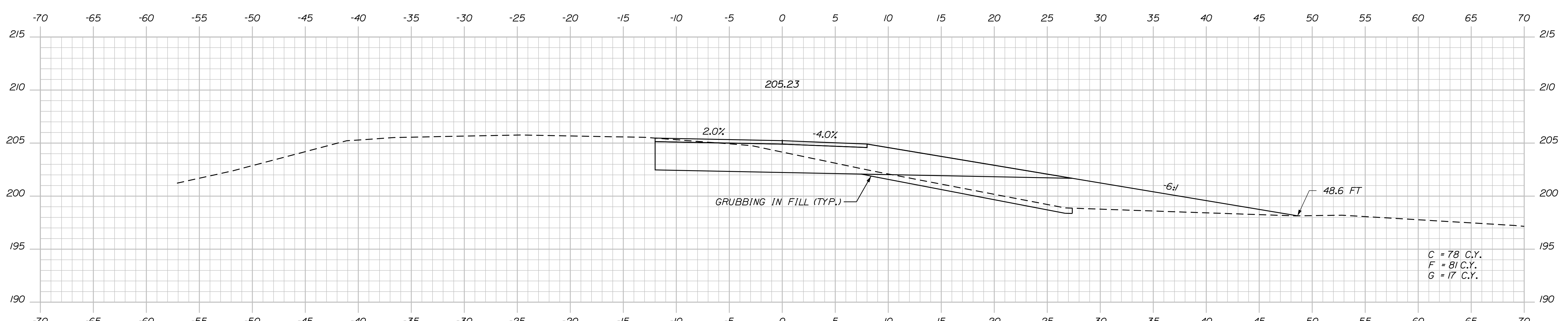
SIGNATURE  
\$signature1\$  
\$signature2\$  
\$signature3\$  
\$signature4\$

P.E. NUMBER  
\$pe1\$  
\$pe2\$  
\$pe3\$  
\$pe4\$

DATE  
\$date1\$  
\$date2\$  
\$date3\$  
\$date4\$

WIN  
18125.10  
HIGHWAY PLANS

CROSS SECTIONS



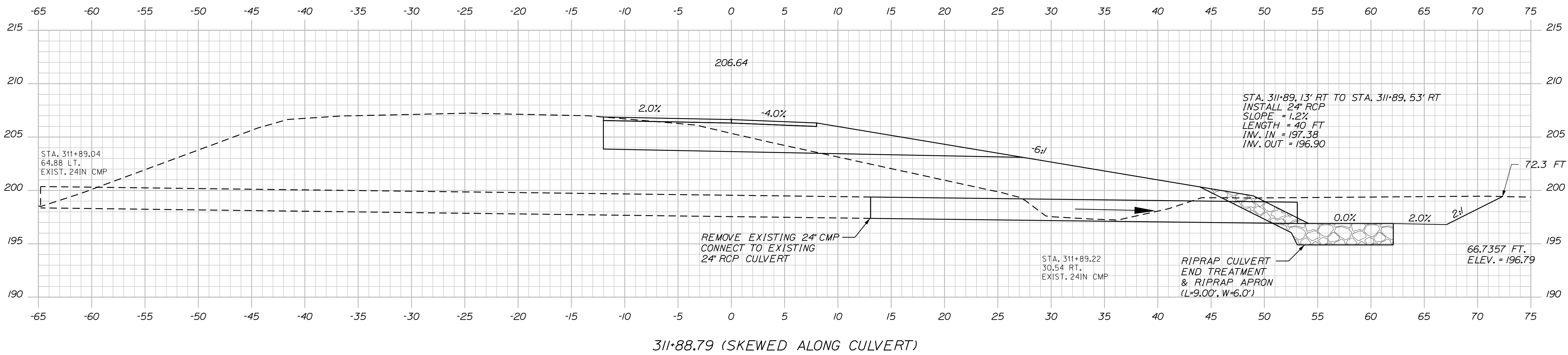
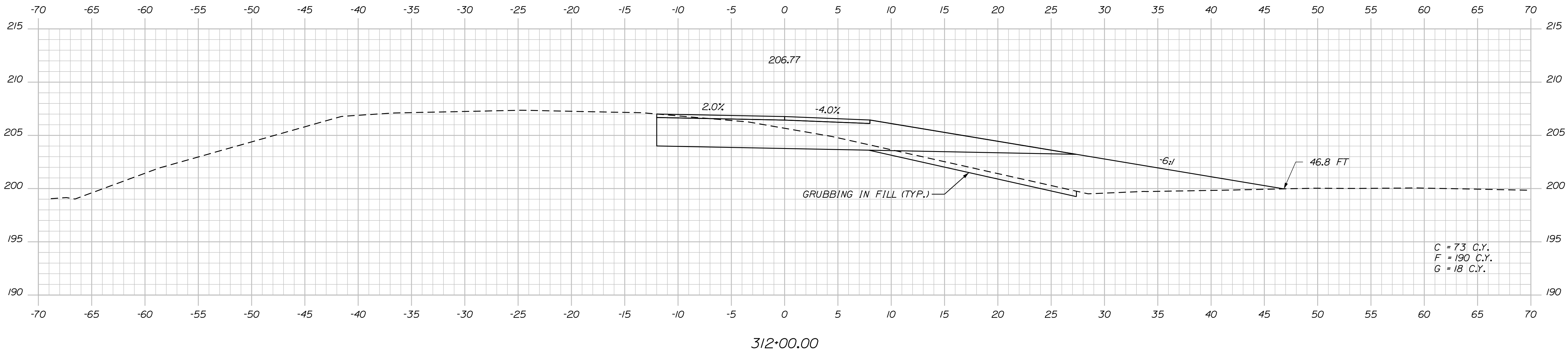
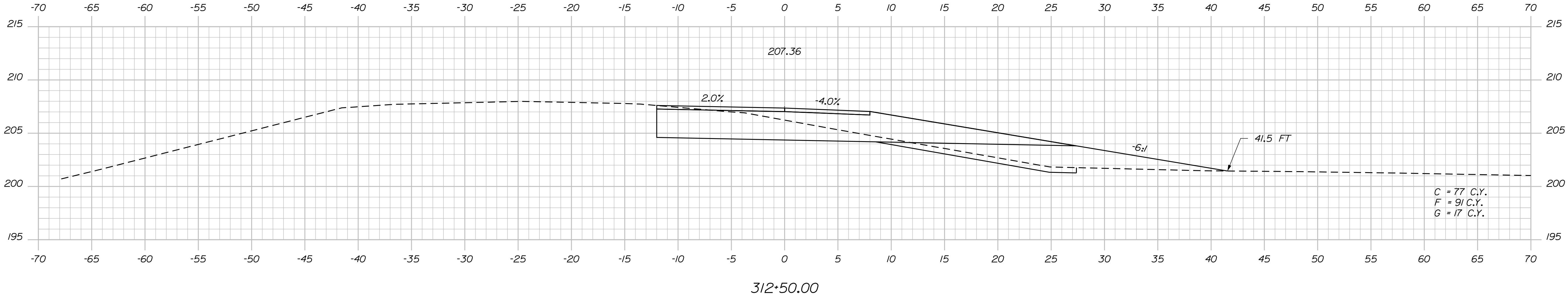
80	OF 182	SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE				PROJ. MANAGER	\$PROJMANAGER\$	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
		DESIGN-DETAIL						\$DESIGNER1\$	\$DATE1\$	\$PROJECT\$		
		CHECKED-REVIEWED					SIGNATURE					
		DESIGN2-DETAIL2		\$DESIGNER2\$	\$DATE2\$	\$PROJECT\$						
		DESIGN3-DETAIL3		\$DESIGNER3\$	\$DATE3\$	\$PROJECT\$	P.E. NUMBER					
		REVISIONS 1				\$REVDATE1\$						
		REVISIONS 2				\$REVDATE2\$						
		REVISIONS 3		\$REVISION3\$		\$REVDATE3\$						
		REVISIONS 4		\$REVISION4\$		\$REVDATE4\$	DATE					
		FIELD CHANGES		\$FIELDCHANGES\$		\$FIELDDATE\$						
								WIN 18129.10		HIGHWAY PLANS		

Date: 4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \081\_XSECT\_NB\_On\_311+88\_010.dqn



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

**WIN**

\_\_\_\_\_

145

SIGNATURE \_\_\_\_\_

--	--

DATE

DATE \_\_\_\_\_

Projdate15

\$projdate2\$

Srevdate33

BY \_\_\_\_\_

-----	sdetailer's
-------	-------------

\$detailer2\$	
\$detailer3\$	

---

**PROJECT MANAGER:**

— 18 —

\$designer28	
\$designer38	

Revision 38

MANAGER SP

ED-REVIEWED

2-DETAILED2  
3-DETAILED3

ONS 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

WATERVILLE AND SIDNEY

## CROSS SECTIONS

SHEET NUMBER

81

OF 182

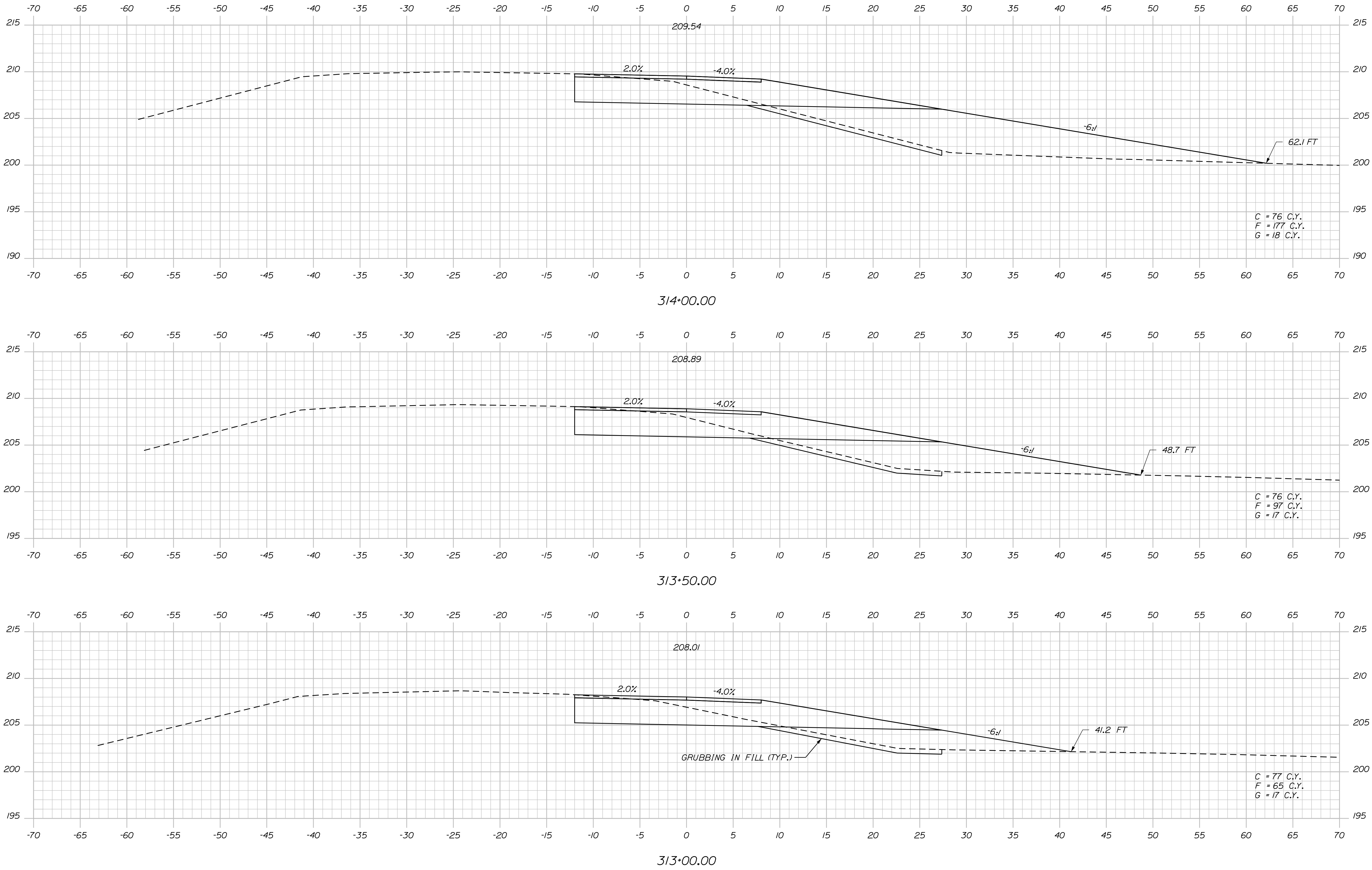
NB On Ramp, Sta. 311+88.79 to Sta. 312+50.00



Date: 4/27/2016

Username: mdebowski

Filename: ... \082\_XSECT\_NB\_0n\_313+00\_011.dgn Division: HIGHWAY



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

**WIN**

**18129.10**

HIGHWAY PLANS

PROJ. MANAGER	#PROJ.MANAGER	BY	DATE
DESIGN-DET-REV1	\$designer1\$	\$date1\$	\$prodate1\$
CHECKED-REVIEWED			
DESIGN-DET-ALD02	\$designer2\$	\$date2\$	\$prodate2\$
DESIGN-DET-ALD03	\$designer3\$	\$date3\$	\$prodate3\$
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES	\$fieldchanges\$		

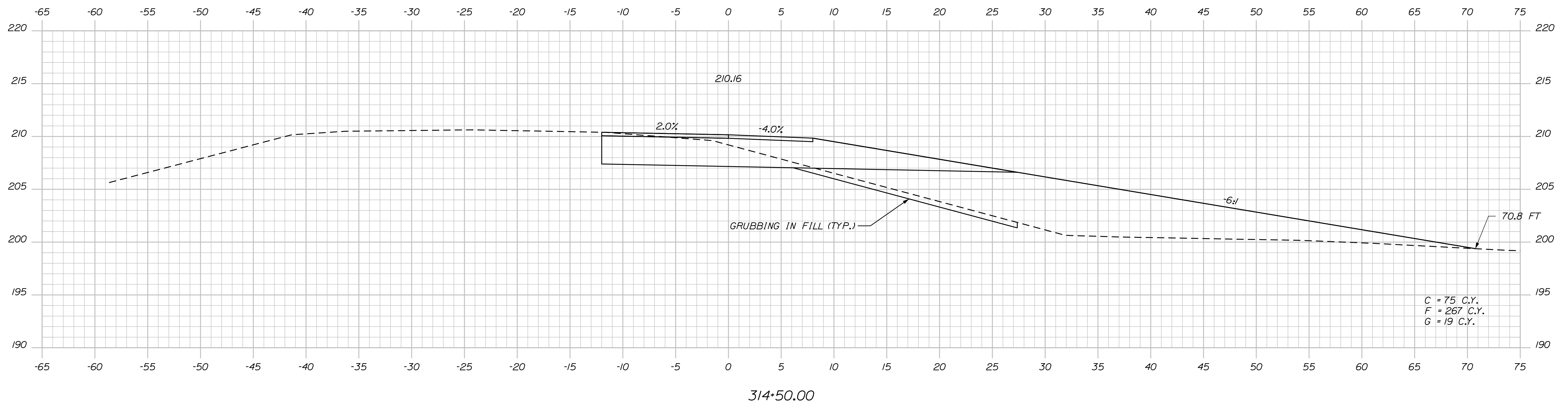
<p>WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE</p>
<p>CROSS SECTIONS</p>

SHEET NUMBER

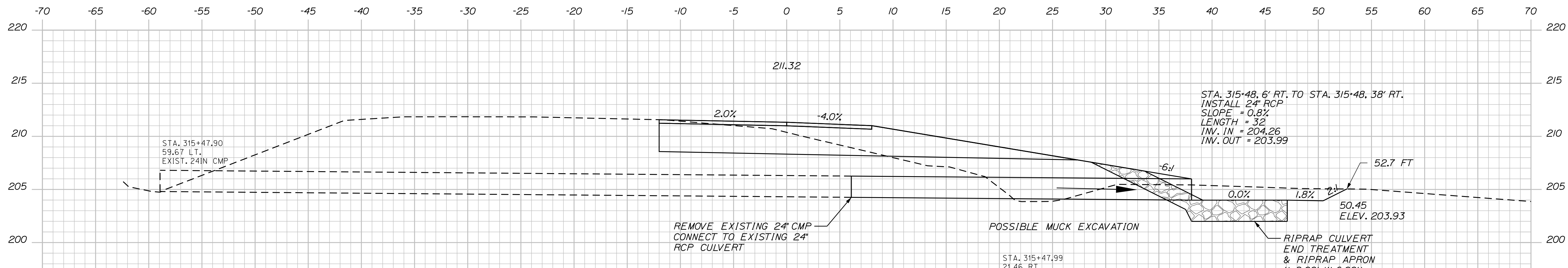
82

OF 182

NB On Ramp, Sta. 313+00.00 to Sta. 314+00.00



Filename: ... \084\_XSECT\_NB\_0n\_315\*48\_013.dgn Division: HIGHWAY



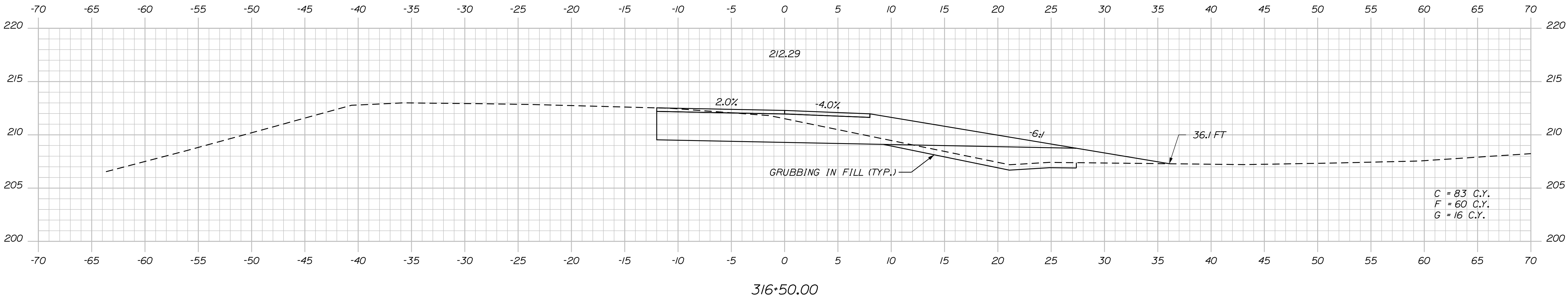
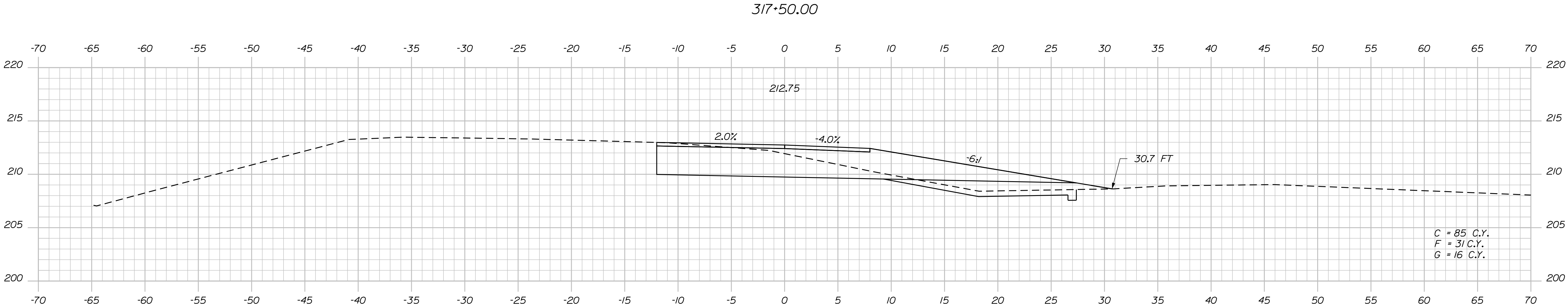
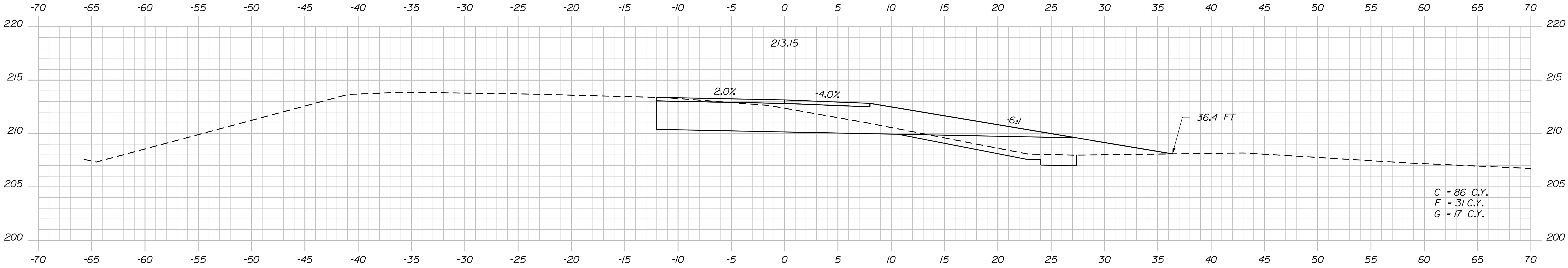
NB On Ramp, Sta. 315+48.05 to Sta. 316+00.00

84 OF 182	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER		\$PROJMANAGER\$	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
				DESIGN-DETAILED		\$DESIGNER\$	\$DOLLAR\$	\$PROJDATE\$	
				CHECKED-REVIEWED					
				DESIGN2-DETAILED2		\$DESIGNER2\$	\$DOLLAR2\$	\$PROJDATE2\$	
				DESIGN3-DETAILED3		\$DESIGNER3\$	\$DOLLAR3\$	\$PROJDATE3\$	
				REVISIONS 1				\$PE\$ NUMBER	
		REVISIONS 2					\$REVIDATE2\$		
		REVISIONS 3		\$REVISION3\$			\$REVIDATE3\$		
		REVISIONS 4		\$REVISION4\$			\$REVIDATE4\$		
		FIELD CHANGES		\$FIELDCHANGE\$			\$FIELDDATE\$		
								WIN 18129.10 HIGHWAY PLANS	

Date:4/27/2016

Username: mdebowski

Filename: ... \085\_XSECT\_NB\_On\_316+50\_014.dgn Division: HIGHWAY



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
	WIN 18129.10	HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
CHECKED-REVIEWED	DESIGNER	PROJECT
DESIGN-REVIEWED	DESIGNER	PROJECT
DESIGN-REVIEWED	DESIGNER	PROJECT
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES

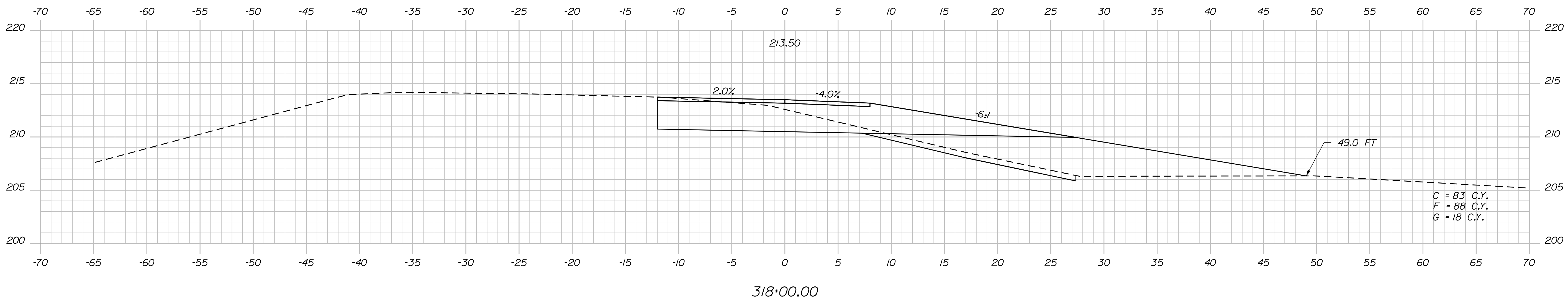
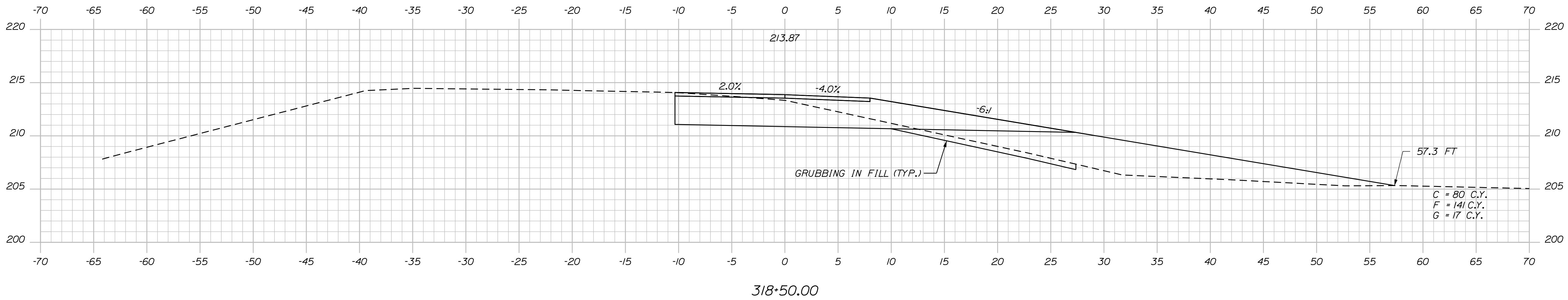
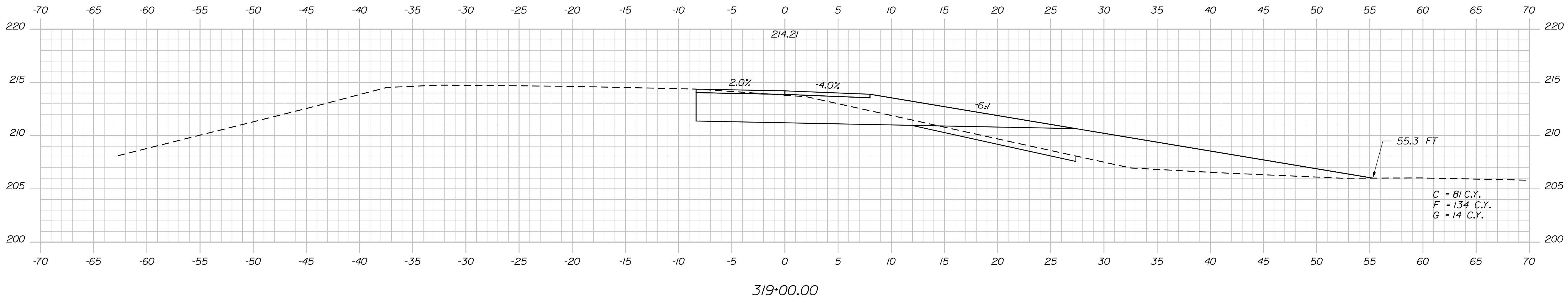
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	
CROSS SECTIONS	

SHEET NUMBER
85
OF 182

Date: 4/27/2016

Username: mdebowski

Filename: ... \086\_XSECT\_NB\_0n\_318+00\_015.dgn Division: HIGHWAY



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

WIN

HIGHWAY PLANS

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

## CROSS SECTIONS

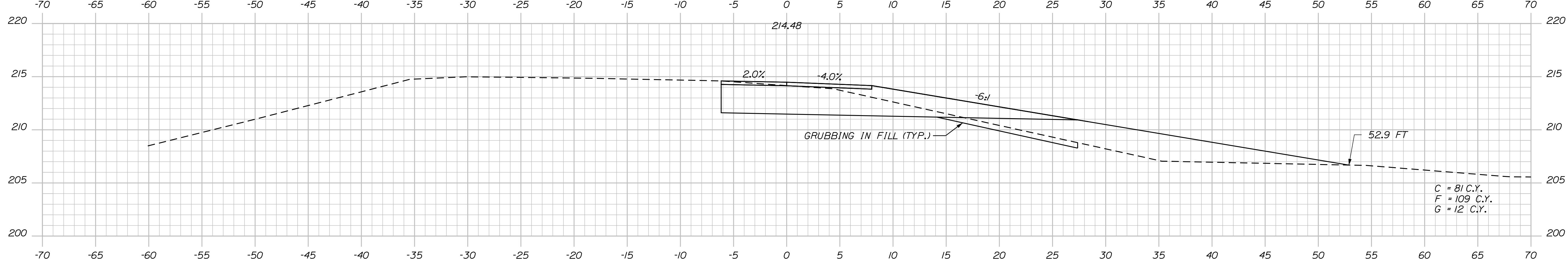
SHEET NUMBER

86

OF 182

NB On Ramp, Sta. 318+00.00 to Sta. 319+00.00

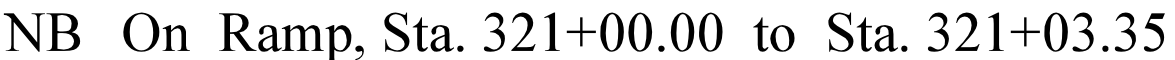




SHEET NUMBER

87

OF 182



SHEET NUMBER

0808

OF 182

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

CROSS SECTIONS

PROJ. MANAGER	\$PROJ.MANAGER\$	BY	DATE
DESIGN-DETAILED	\$designer1\$	\$date1\$	\$update1\$
CHECKED-REVIEWED			
DESIGN-DETAILED 2	\$designer2\$	\$date2\$	\$update2\$
CHECKED-REVIEWED 2			
DESIGN-FINAL 3	\$designer3\$	\$date3\$	\$update3\$
REVISED 1			
REVISED 2			
REVISED 3			
REVISED 4			
FIELD CHANGES	\$fieldchange\$		\$fielddate\$

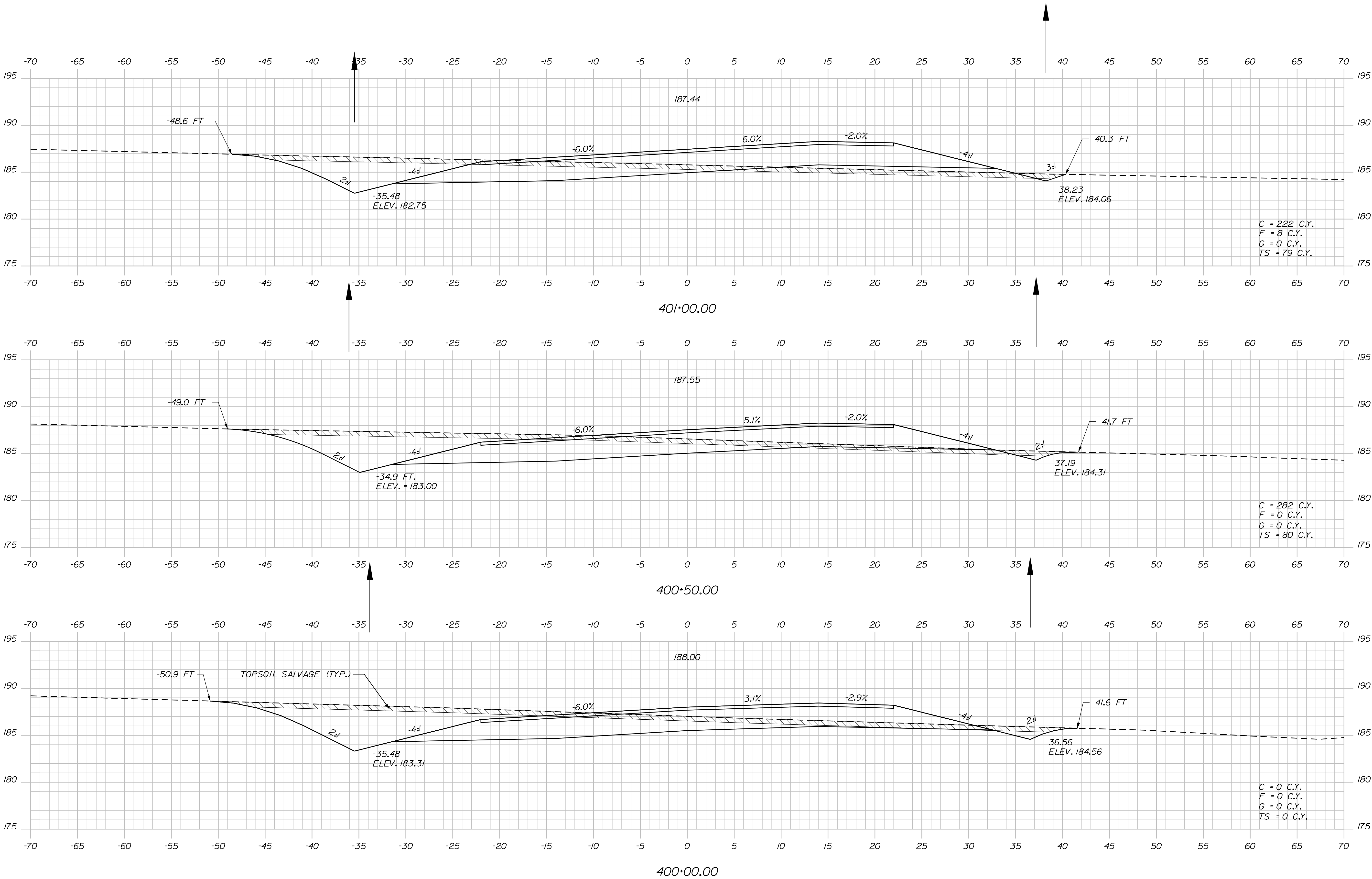
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
18129.10  
HIGHWAY PLANS

Date:4/27/2016

Username: mdebowski

Filename: ... \089\_XSECT\_NB\_COMBINED\_400+00\_00.kdgn: HIGHWAY



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**89**  
OF 182

SIGNATURE  
P.E. NUMBER  
DATE

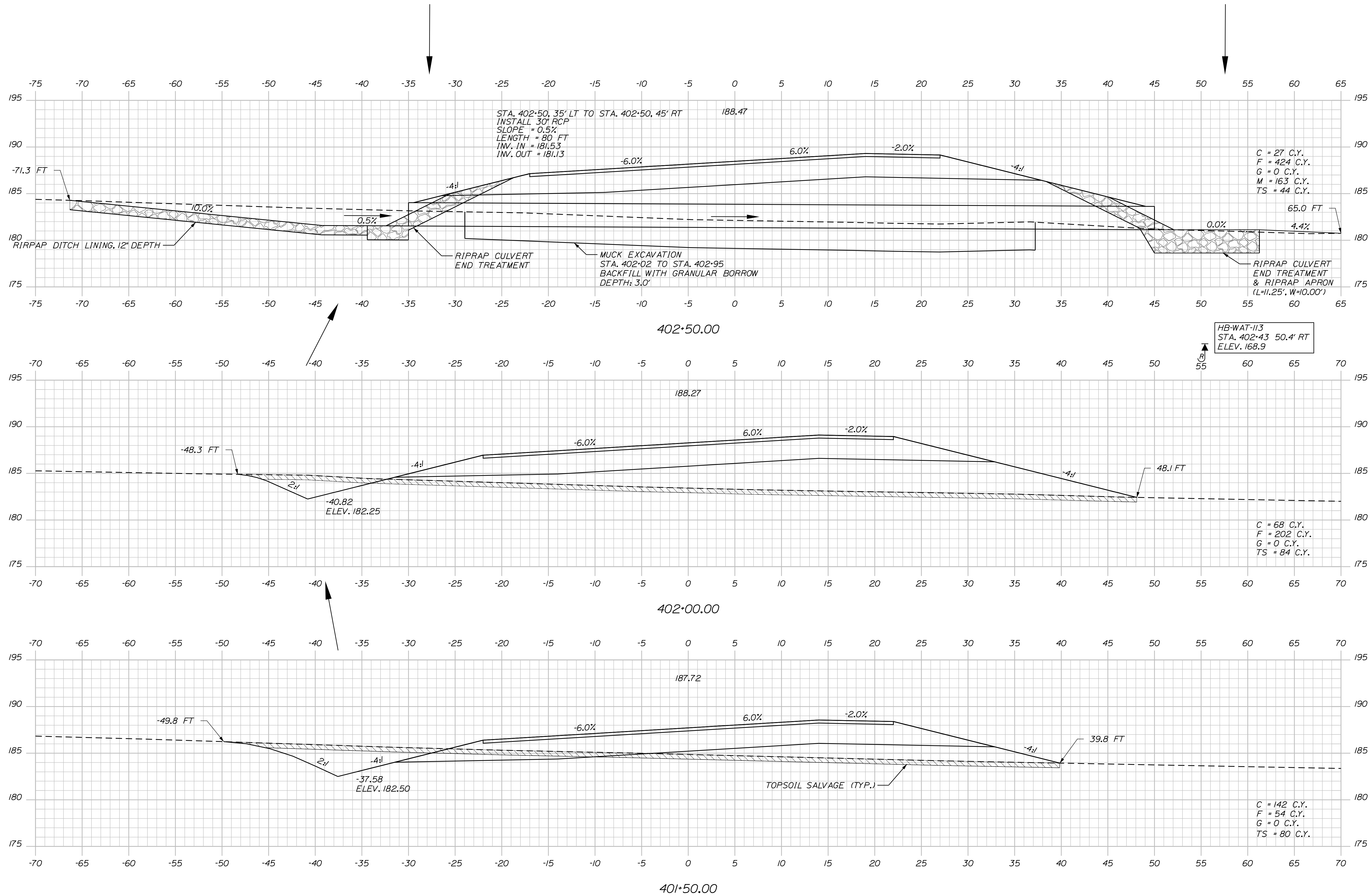
PROJ. MANAGER  
CHECKED-REVIEWED  
DESIGN-DETAILED  
REVISIONS 1  
REVISIONS 2  
REVISIONS 3  
REVISIONS 4  
FIELD CHANGES

BY  
DATE

PROJ. MANAGER  
CHECKED-REVIEWED  
DESIGN-DETAILED  
REVISIONS 1  
REVISIONS 2  
REVISIONS 3  
REVISIONS 4  
FIELD CHANGES

WIN  
18129.10  
HIGHWAY PLANS

Filename: ... \090\_XSECT\_NB\_COMBINED\_401+50\_0002.dgn: HIGHWAY



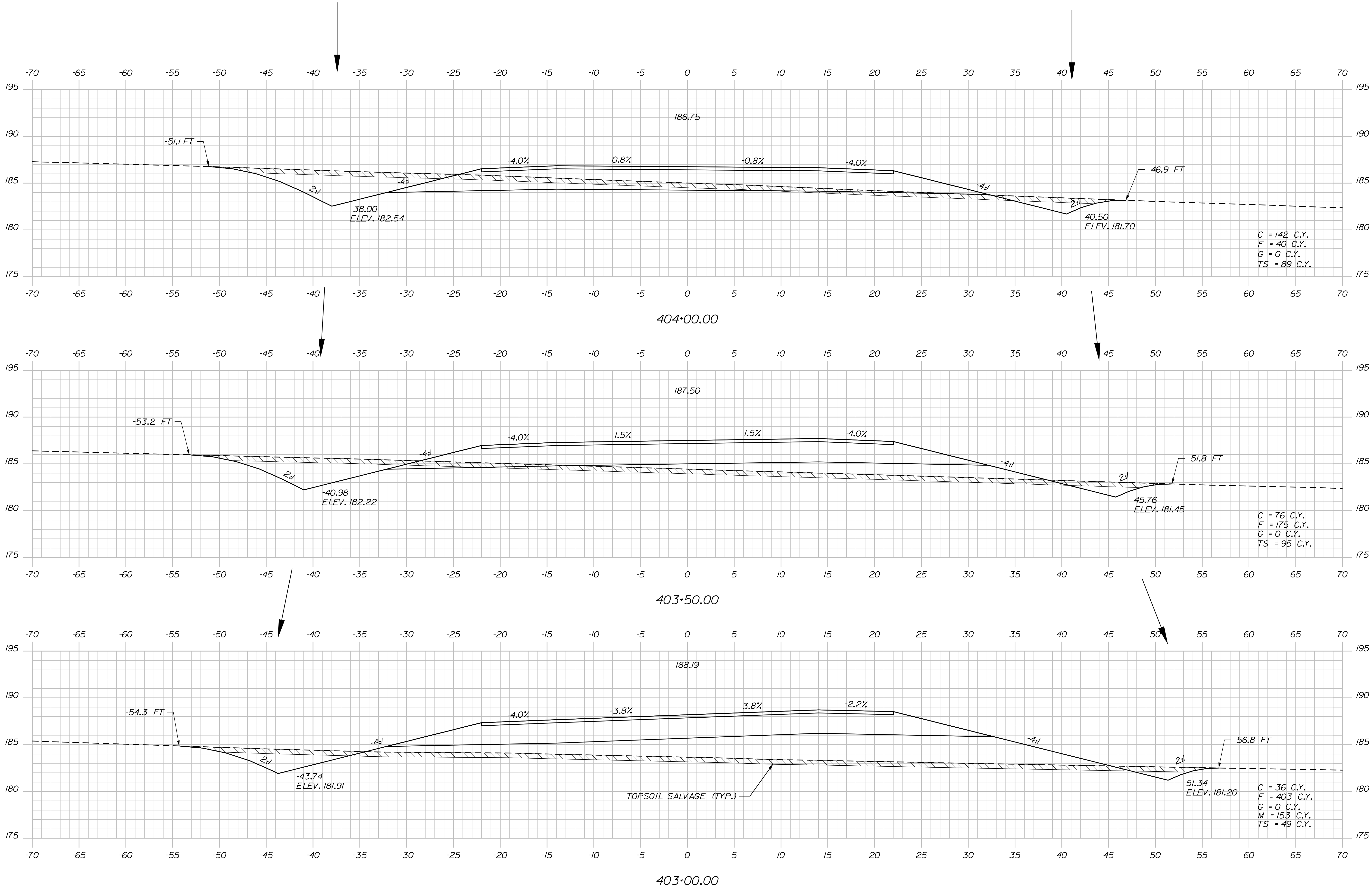
SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER \$PROJMANAGER\$		BY	DATE	STATE OF MAINE	
90		CROSS SECTIONS		DESIGN-DET-TAILED	\$designer1\$	\$date1\$	\$projdate1\$	SIGNATURE	
				CHECKED-REVIEWED					
				DESIGN-DET-TAILED2	\$designer2\$	\$date2\$	\$projdate2\$		
				DESIGN3-DET-TAILED3	\$designer3\$	\$date3\$	\$projdate3\$	P.E. NUMBER	
				REVISIONS 1		\$revdate1\$			
REVISIONS 2		\$revdate2\$		DATE					
REVISIONS 3		\$revdate3\$							
REVISIONS 4		\$revdate4\$							
FIELD CHANGES		\$fielddate\$		WIN		18129.10		HIGHWAY PLANS	

Date:4/27/2016

Username: mdebowski

Filename: ... \091\_XSECT\_NB\_COMBINED\_403+00\_000.dgn

Project: HIGHWAY



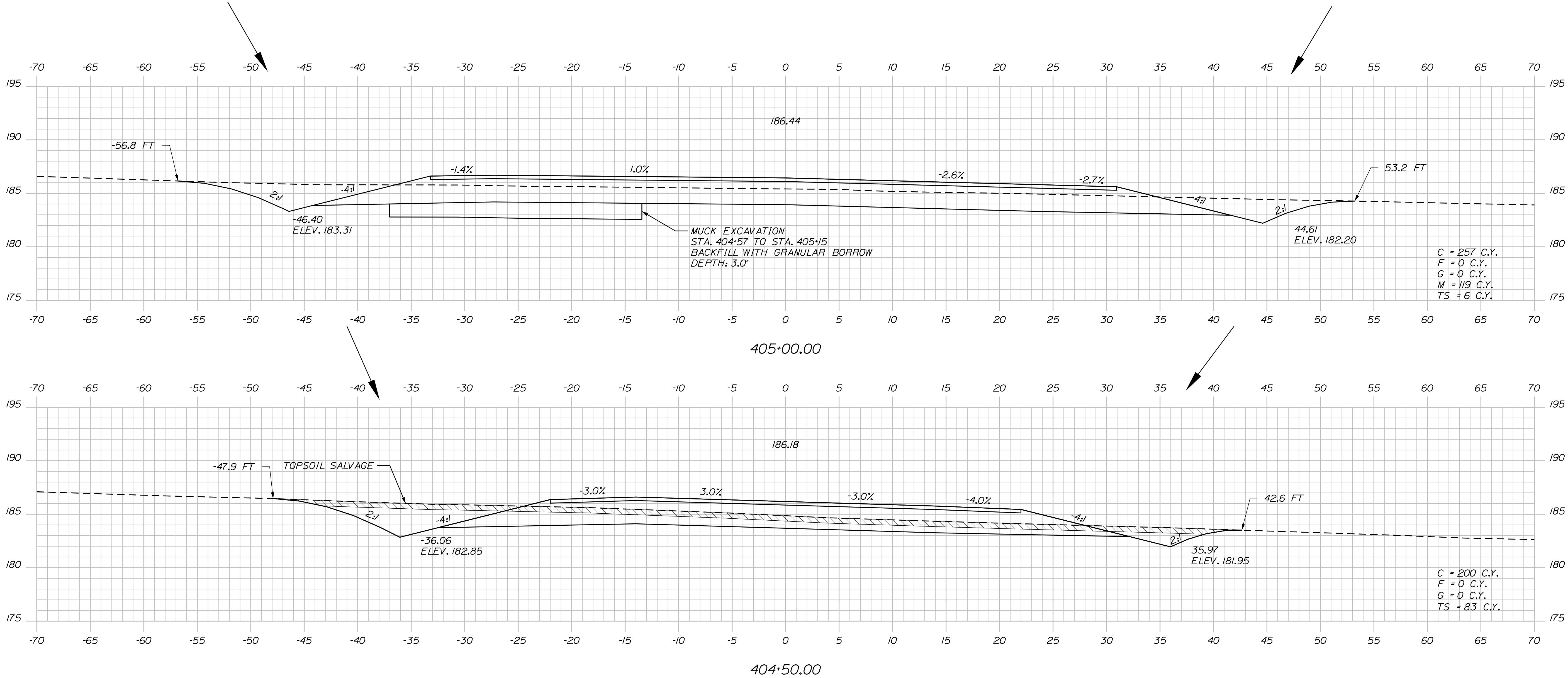
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
WIN
18129.10
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	DESIGNER	DATE
DESIGN-DETAILED	DESIGNER	DATE
DESIGN-DETAILED	DESIGNER	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES

WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE
CROSS SECTIONS

SHEET NUMBER
91
OF 182





STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	18129.10
HIGHWAY PLANS	

PROJ. MANAGER	BY	DATE
CHECKED-REVIEWED	DESIGNER	PROJ. DATE
DESIGN-DETAILED	DESIGNER	PROJ. DATE
DESIGN-DETAILED	DESIGNER	PROJ. DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES

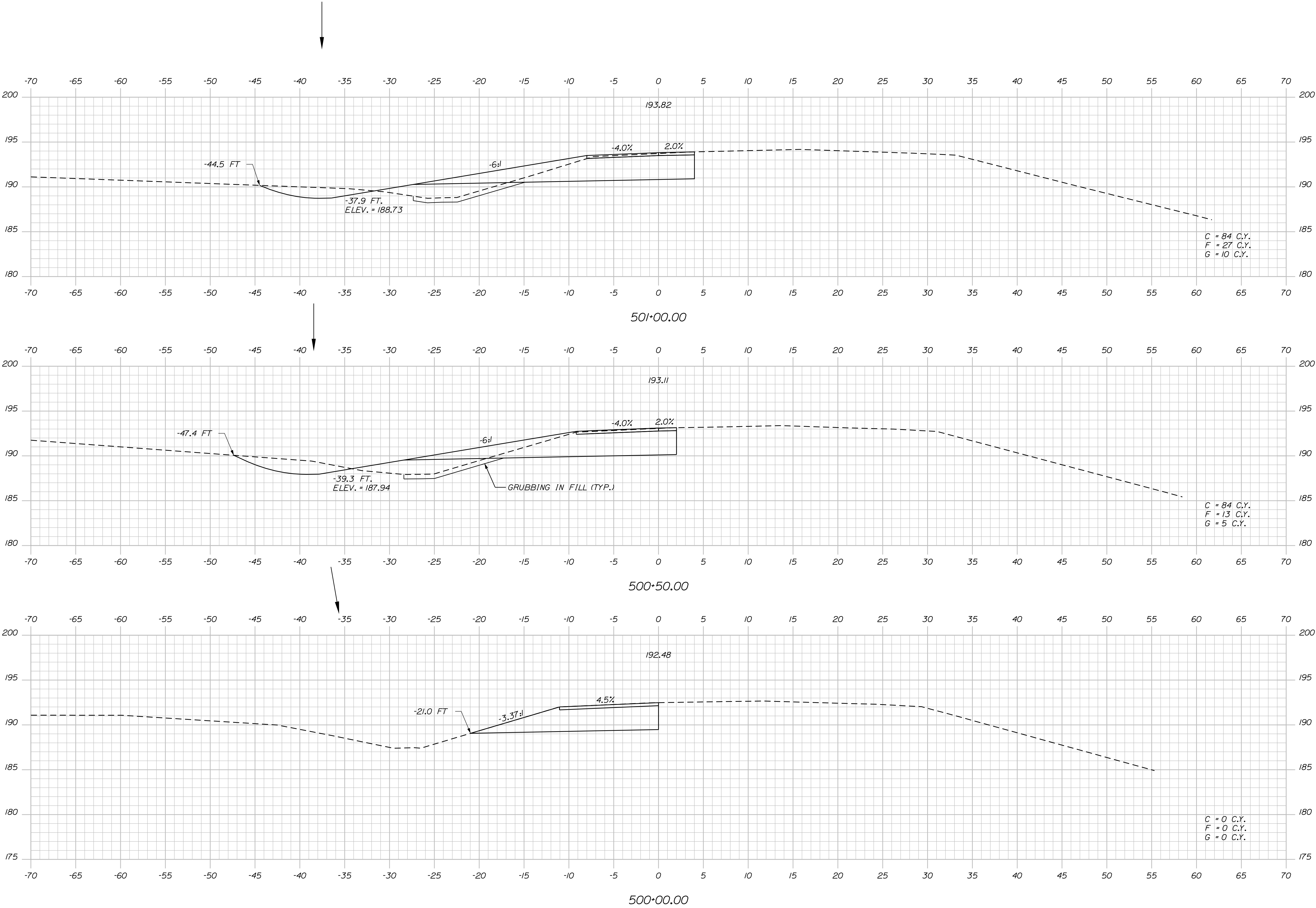
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	
CROSS SECTIONS	

SHEET NUMBER
92
OF 182

Date:4/27/2016

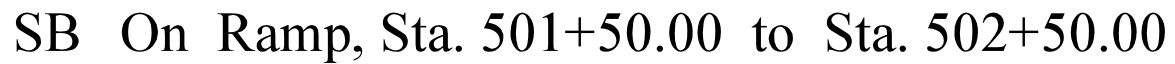
Username: mdebowski

Filename: ... \093\_XSECT\_SB\_On\_500+00\_001.dgn Division: HIGHWAY



PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE
\$projmgr\$	\$designer1\$	\$checker1\$	\$designer1\$	\$date1\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	SIGNATURE
\$designer2\$	\$checker2\$	\$designer2\$	\$date2\$	\$signature2\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	P.E. NUMBER
\$designer3\$	\$checker3\$	\$designer3\$	\$date3\$	\$pe_number3\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	DATE
\$designer4\$	\$checker4\$	\$designer4\$	\$date4\$	\$date4\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	DATE
\$designer5\$	\$checker5\$	\$designer5\$	\$date5\$	\$date5\$

Filename: ... \094\_XSECT\_SB\_On\_501+50\_002.dgn Division: HIGHWAY



SHEET NUMBER

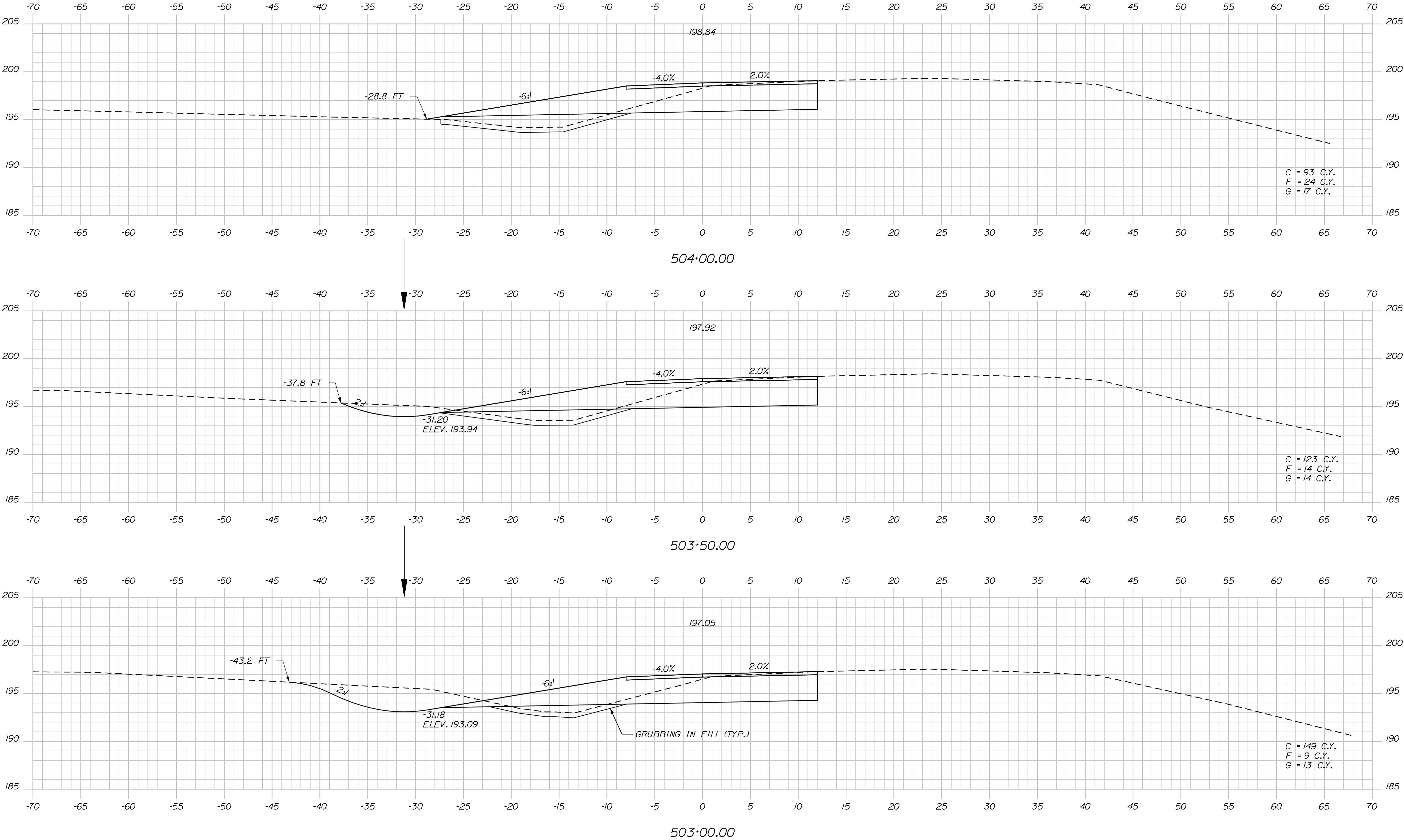
94

OF 182

Date: 4/27/2016

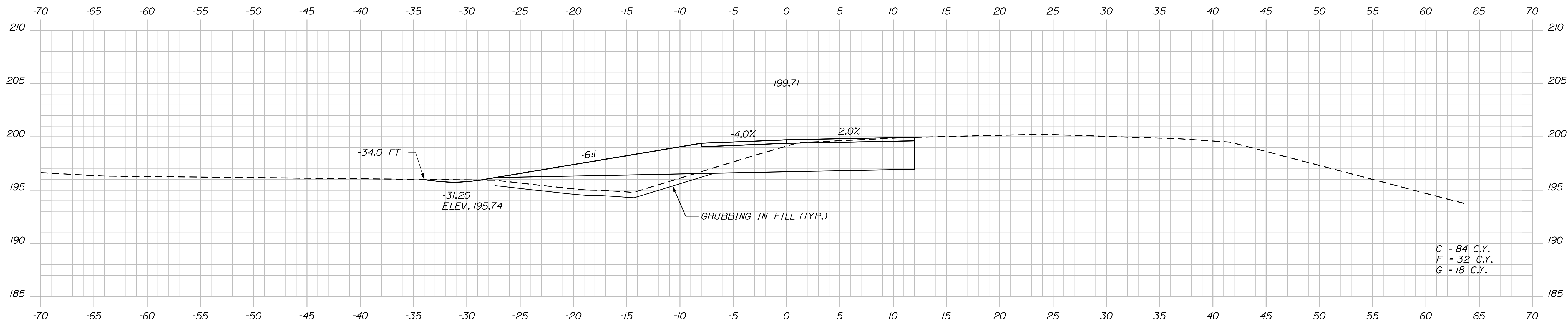
Username: mdebowski

Filename: ... \095\_XSECT\_SB\_On\_503+00\_003.dgn Division: HIGHWAY



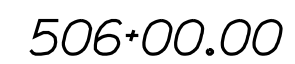
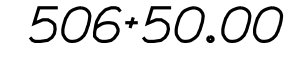
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
WATERVILLE AND SIDNEY		TRAFTON ROAD INTERCHANGE	
CROSS SECTIONS		SHEET NUMBER	
95		OF 182	
WIN		18129.10	
HIGHWAY PLANS		DATE	
P.E. NUMBER		SIGNATURE	
DATE		PROJECT	
REVISIONS 1		DESIGN-DETAILED	
REVISIONS 2		CHECKED-REVIEWED	
REVISIONS 3		DESIGN-DETAILED	
REVISIONS 4		CHECKED-REVIEWED	
FIELD CHANGES		DESIGN-DETAILED	
PROJECT MANAGER		BY	
DATE		DATE	

Filename: ... \096\_XSECT\_SB\_On\_504+50\_004.dgn Division: HIGHWAY





Filename: ... \097\_XSECT\_SB\_On\_506+00\_005.dgn Division: HIGHWAY

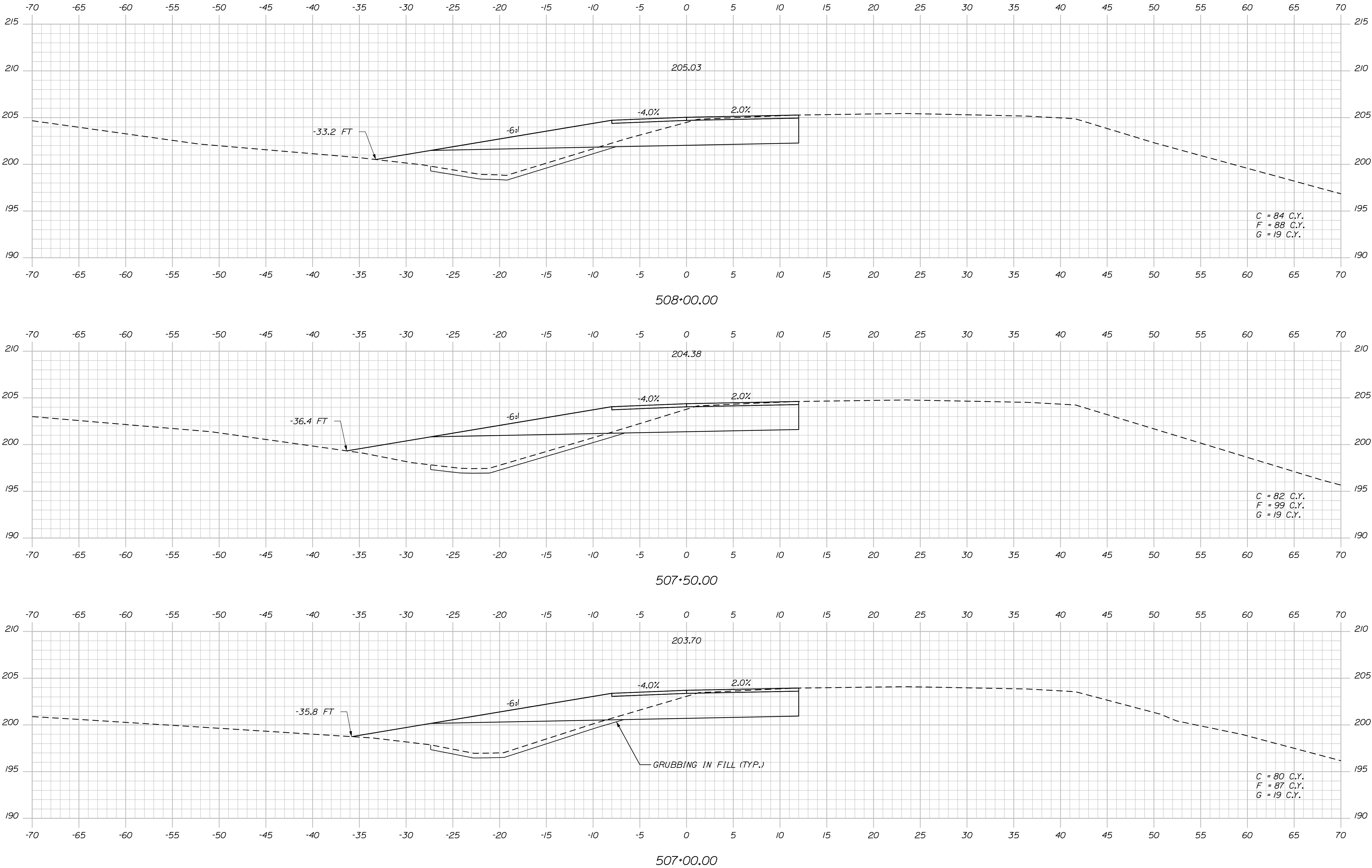


97	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	PROJ. MANAGER: \$ProjManager\$		BY	DATE
			DESIGN-DETAILED \$Designer1\$		\$date1\$	\$ProjDate1\$
	CROSS SECTIONS	CHECKED-REVIEWED \$Designer2\$		\$date2\$	\$ProjDate2\$	
		DESIGN3-DETAILED3 \$Designer3\$		\$date3\$	\$ProjDate3\$	
		REVISIONS 1		\$date1\$	\$ProjDate1\$	
		REVISIONS 2		\$date2\$	\$ProjDate2\$	
		REVISIONS 3		\$date3\$	\$ProjDate3\$	
	REVISIONS 4		\$date4\$	\$ProjDate4\$		
	FIELD CHANGES \$fieldChange\$		\$dateChange\$	\$ProjDateChange\$		
</						

Date: 4/27/2016

Username: mdebowski

Filename: ... \098\_XSECT\_SB\_On\_507+00\_006.dgn Division: HIGHWAY



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**98**  
OF 182

WIN  
18125.10

HIGHWAY PLANS

DATE

PROJECT

DESIGNER

CHECKED

REVIEWED

PROJ. MGR.

BY

DATE

SIGNATURE

P.E. NUMBER

DATE

REVISIONS

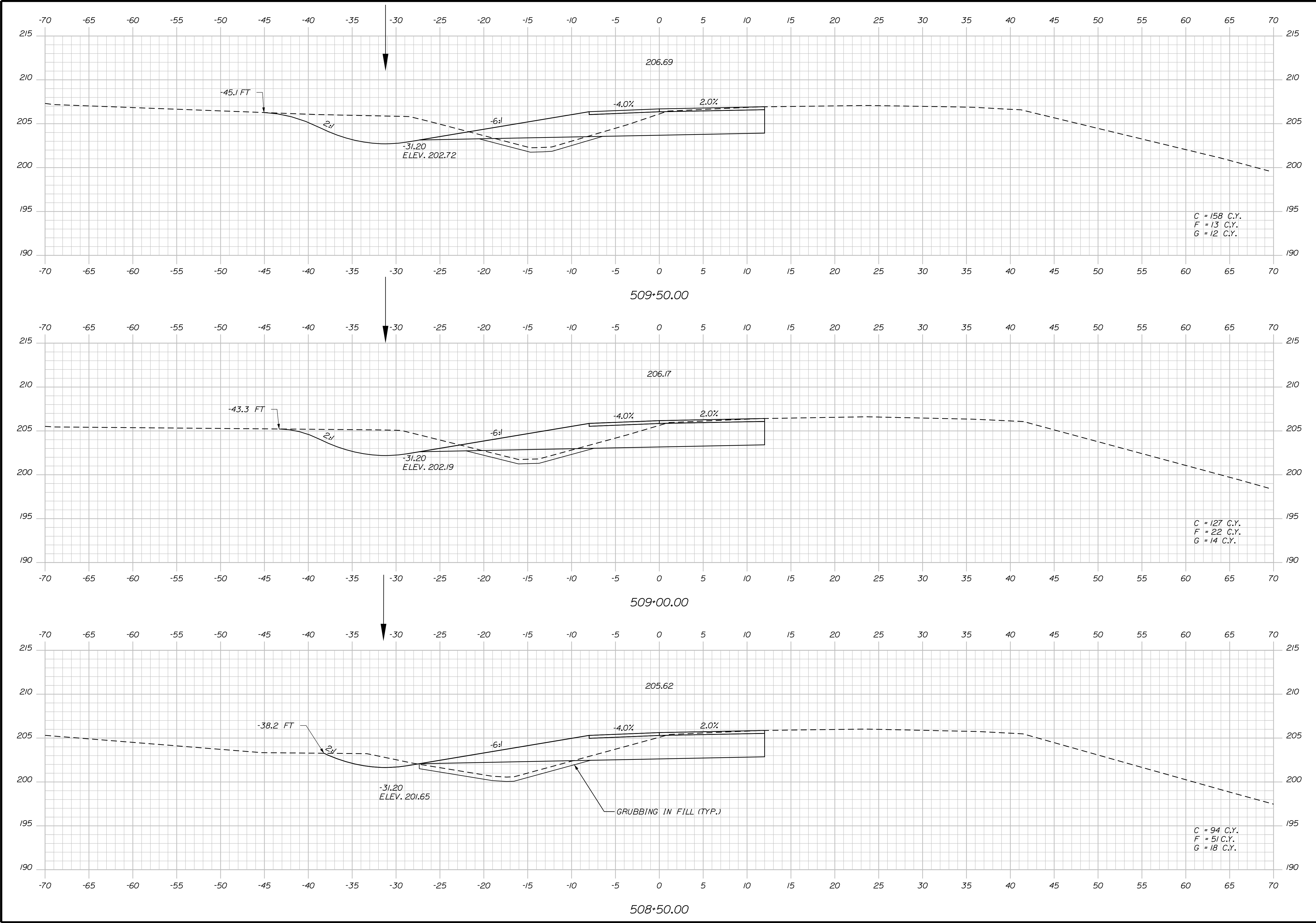
FIELD CHANGES

CROSS SECTIONS

Date:4/27/2016

Username: mdebowski

Filename: ... \099\_XSECT\_SB\_On\_508+50\_007.dgn Division: HIGHWAY



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**99**  
OF 182

PROJ. MANAGER  
\$PROJMANAGER\$

CHECKED-REVIEWED  
\$DESIGNER1\$

DESIGN-DETAILED  
\$DESIGNER2\$

DESIGN-DETAILED  
\$DESIGNER3\$

REVISIONS 1  
-----

REVISIONS 2  
-----

REVISIONS 3  
\$REVISION3\$

REVISIONS 4  
\$REVISION4\$

FIELD CHANGES  
\$FIELDCHANGES\$

DATE  
\$PROJDATE\$

BY  
\$DESIGNER1\$

DATE  
\$PROJDATE\$

BY  
\$DESIGNER2\$

DATE  
\$PROJDATE\$

BY  
\$DESIGNER3\$

DATE  
\$PROJDATE\$

BY  
\$DESIGNER4\$

DATE  
\$PROJDATE\$

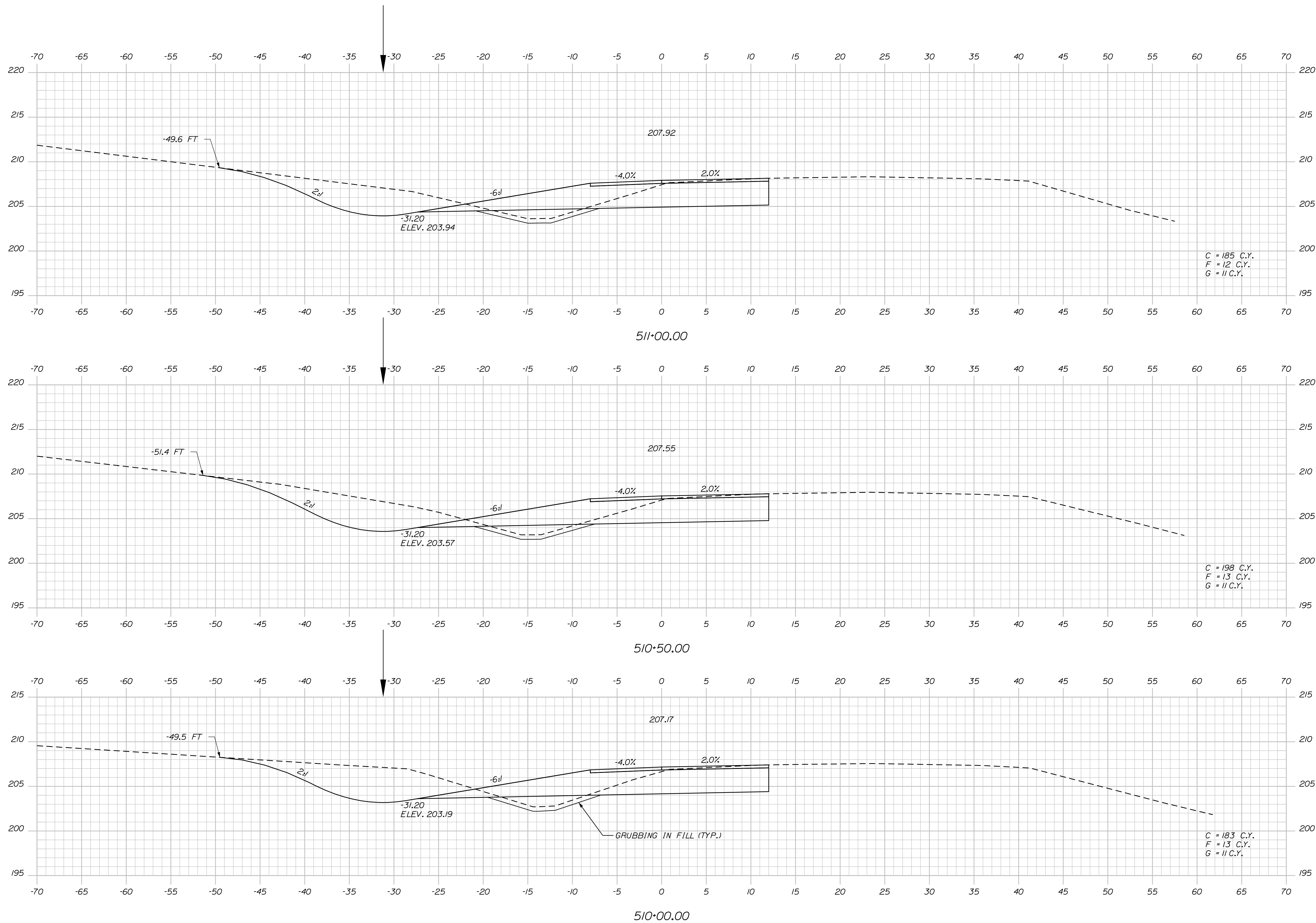
SIGNATURE

P.E. NUMBER

DATE

WIN  
18129.10

HIGHWAY PLANS

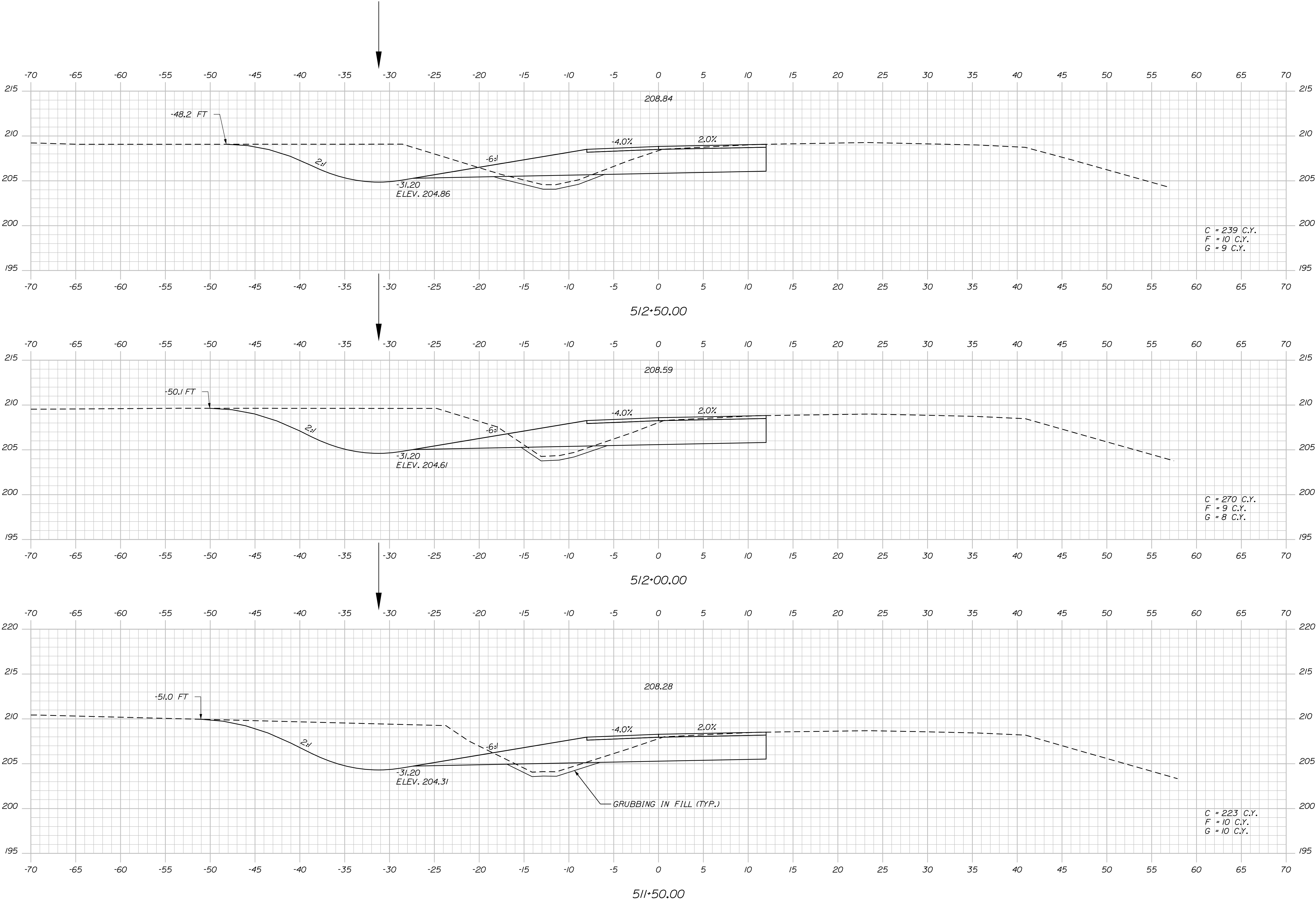


Date:4/27/2016

Username: mdebowski

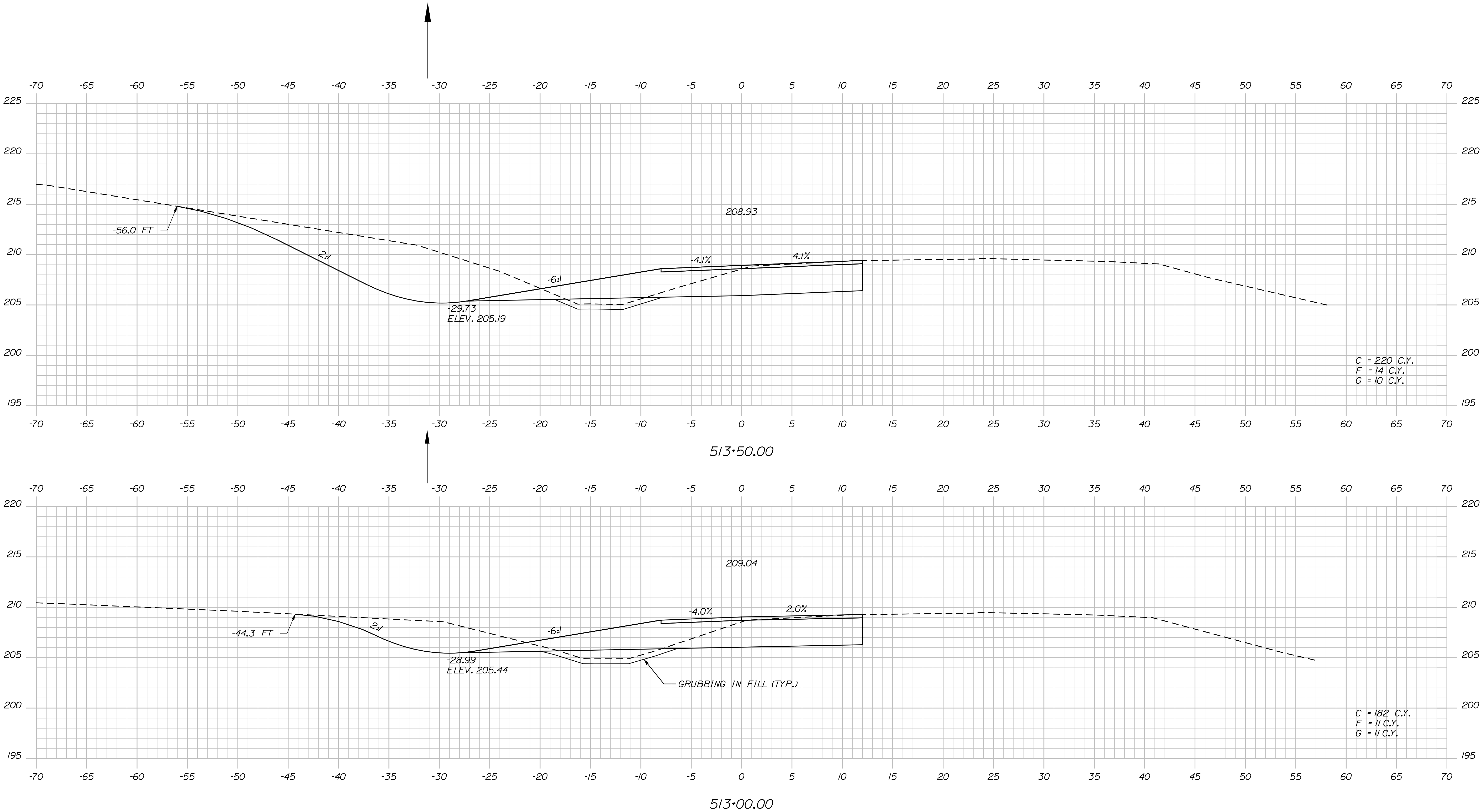
Division: HIGHWAY

Filename: ... \101\_XSECT\_SB\_On\_511+50\_009.dgn

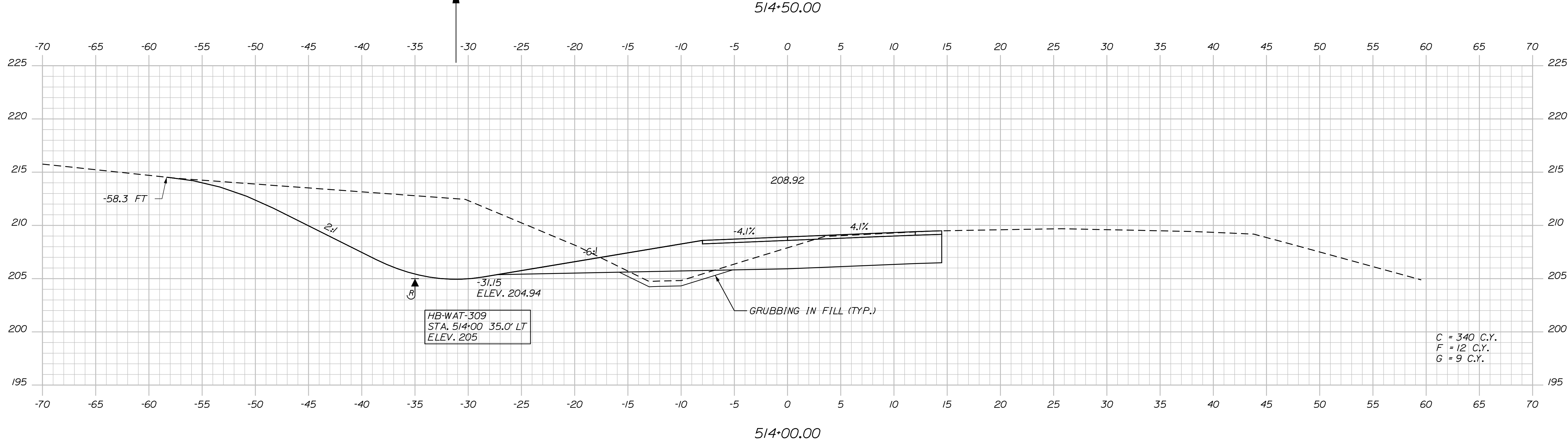
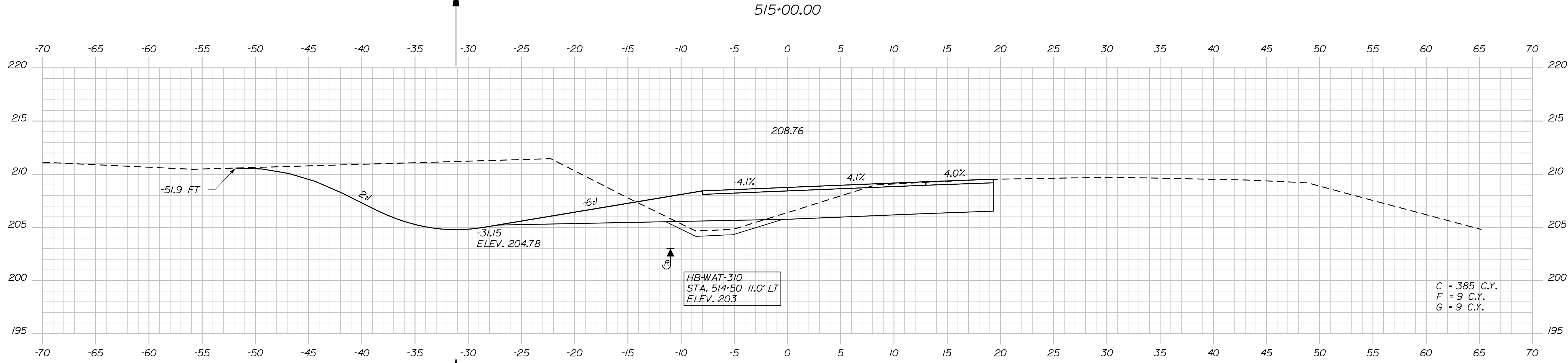
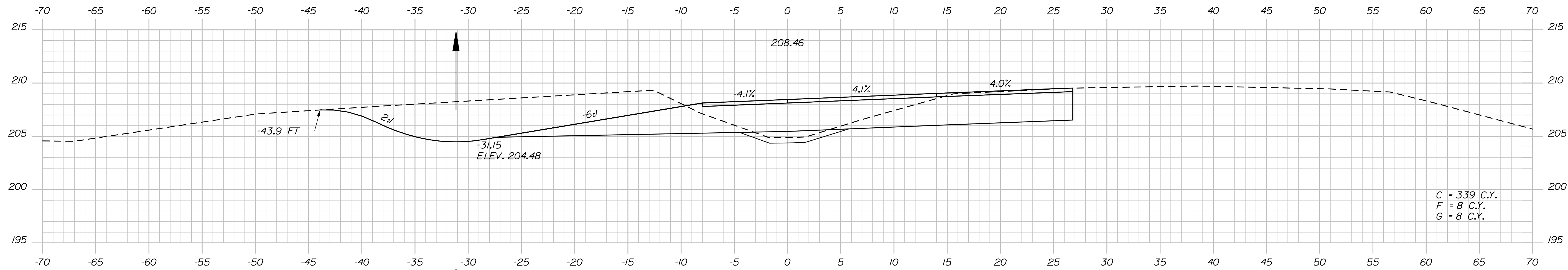


PROJ. MANAGER	BY	DATE
CHECKED-REVIEWED	DESIGNER	DATE
DESIGNED-DETAILED	DESIGNER	DATE
DESIGNED-DETAILED	DESIGNER	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES





PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGNED	DESIGNED	DESIGNED	DESIGNED
CHECKED	CHECKED	CHECKED	CHECKED
REVIEWED	REVIEWED	REVIEWED	REVIEWED
DESIGNED	DESIGNED	DESIGNED	DESIGNED
REVISIONS 1	REVISIONS 1	REVISIONS 1	REVISIONS 1
REVISIONS 2	REVISIONS 2	REVISIONS 2	REVISIONS 2
REVISIONS 3	REVISIONS 3	REVISIONS 3	REVISIONS 3
REVISIONS 4	REVISIONS 4	REVISIONS 4	REVISIONS 4
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
18129.10	

PROJ. MANAGER	\$PROJMANAGERS	BY	DATE
DESIGN-Detailed	\$designer1\$	\$reviewer1\$	\$projectdate1\$
CHECKED-REVIEWED	\$designer1\$	\$reviewer1\$	
DESIGNS - DETAIL D2	\$designer2\$	\$reviewer2\$	\$projectdate2\$
DESIGNS - DETAIL D3	\$designer3\$	\$reviewer3\$	\$projectdate3\$
REVISIONS 1		\$reviewer4\$	\$projectdate4\$
REVISIONS 2		\$reviewer5\$	\$projectdate5\$
REVISIONS 3	\$revision3\$		\$projectdate6\$
REVISIONS 4	\$revision4\$		\$projectdate7\$
FIELD CHANGES	\$fieldchange\$		\$projectdate8\$

WATERVILLE AND SIDNEY  
 TRAFTON ROAD INTERCHANGE  
 CROSS SECTIONS

SHEET NUMBER

103

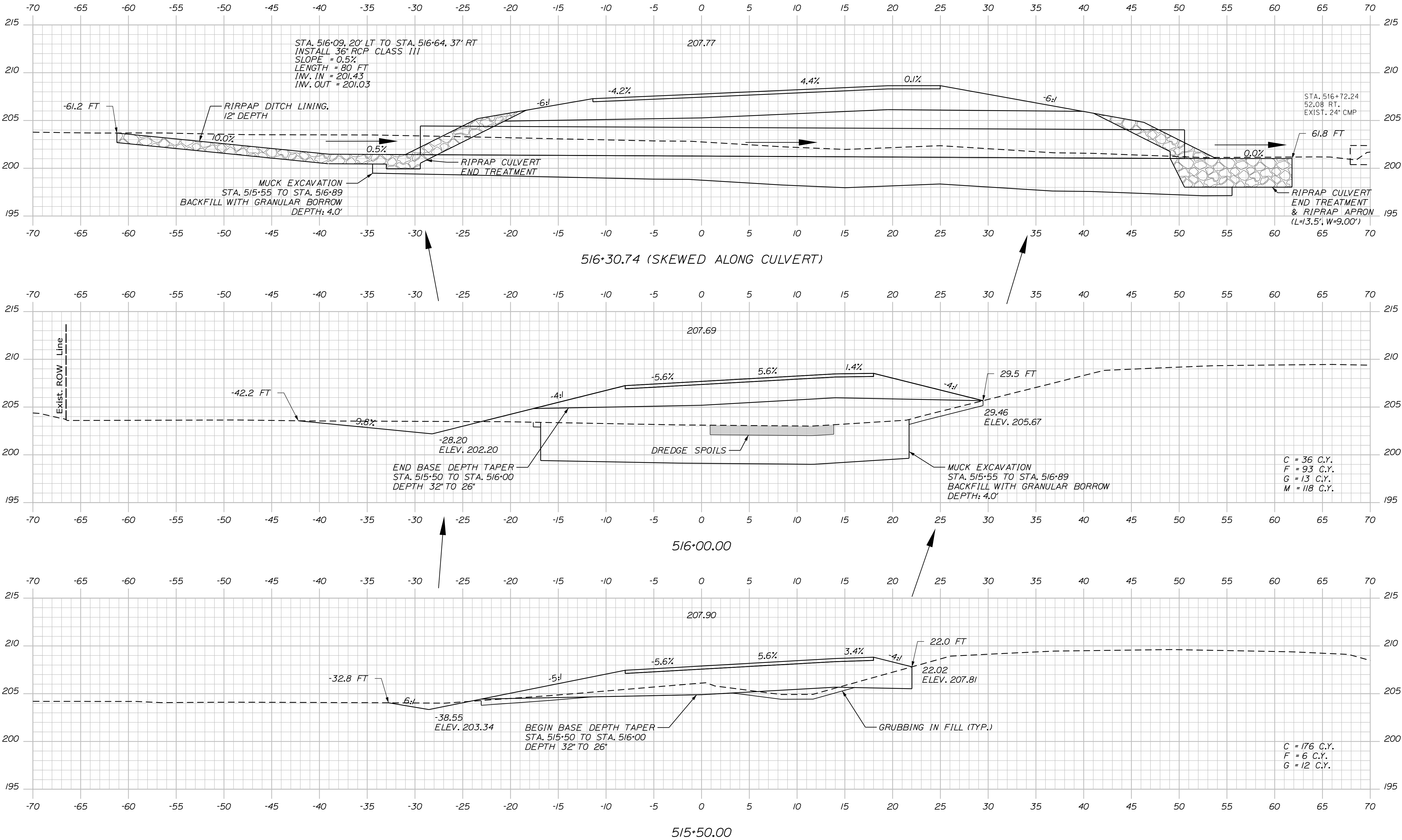
OF 182

Date: 4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \104\_XSECT\_SB\_On\_515+50.012.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**104**  
OF 182

DATE  
\$date1\$  
\$date2\$  
\$date3\$  
\$date4\$

BY  
\$designer1\$  
\$designer2\$  
\$designer3\$  
\$designer4\$

PROJ. MANAGER  
\$manager1\$  
\$manager2\$  
\$manager3\$  
\$manager4\$

CHECKED-REVIEWED  
\$checked1\$  
\$checked2\$  
\$checked3\$  
\$checked4\$

DESIGN-DETAILED  
\$designer1\$  
\$designer2\$  
\$designer3\$  
\$designer4\$

DESIGN-DETAILED  
\$designer1\$  
\$designer2\$  
\$designer3\$  
\$designer4\$

REVISIONS 1  
\$revision1\$  
\$revision2\$  
\$revision3\$  
\$revision4\$

REVISIONS 2  
\$revision1\$  
\$revision2\$  
\$revision3\$  
\$revision4\$

REVISIONS 3  
\$revision1\$  
\$revision2\$  
\$revision3\$  
\$revision4\$

REVISIONS 4  
\$revision1\$  
\$revision2\$  
\$revision3\$  
\$revision4\$

FIELD CHANGES  
\$fieldchange1\$  
\$fieldchange2\$  
\$fieldchange3\$  
\$fieldchange4\$

SIGNATURE  
\$signature1\$  
\$signature2\$  
\$signature3\$  
\$signature4\$

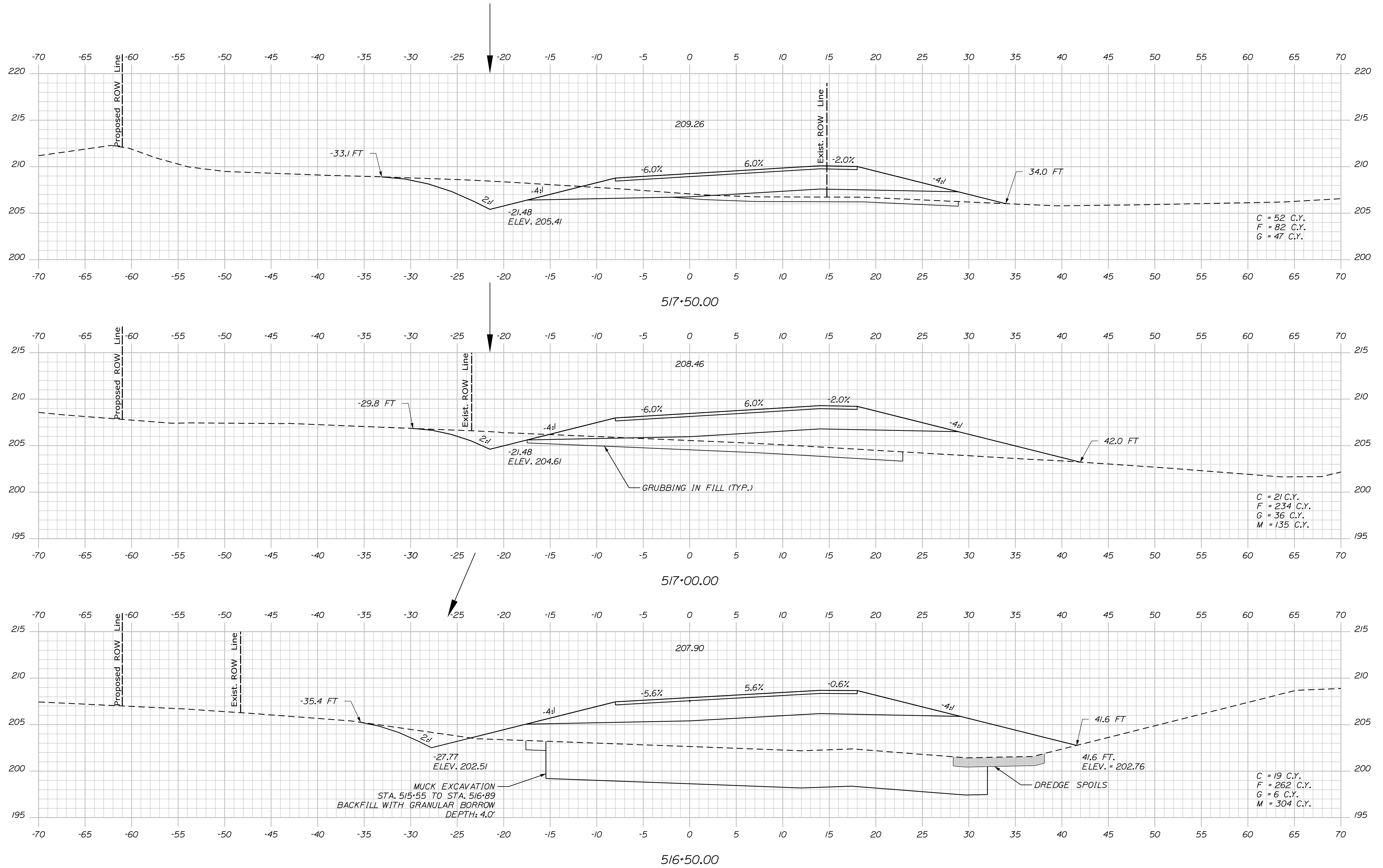
P.E. NUMBER  
\$pe1\$  
\$pe2\$  
\$pe3\$  
\$pe4\$

DATE  
\$date1\$  
\$date2\$  
\$date3\$  
\$date4\$

WIN  
18129.10  
HIGHWAY PLANS

CROSS SECTIONS

Filename: ... \105\_XSECT\_SB\_0n\_516+50\_013.dgn Division: HIGHWAY



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
18129.10	

PROJ. MANAGER	\$PROJMANAGER\$	BY	DATE
DESIGN-DETAILED	\$designer1\$	\$date1\$	\$prodate1\$
CHECKED-REVIEWED	\$designer1\$	\$date1\$	\$prodate1\$
DESIGN-DETAILED2	\$designer2\$	\$date2\$	\$prodate2\$
DESIGN-DETAILED3	\$designer3\$	\$date3\$	\$prodate3\$
REVISIONS 1	\$revision1\$	\$date4\$	\$prodate4\$
REVISIONS 2	\$revision2\$	\$date5\$	\$prodate5\$
REVISIONS 3	\$revision3\$	\$date6\$	\$prodate6\$
REVISIONS 4	\$revision4\$	\$date7\$	\$prodate7\$
FIELD CHANGES	\$fieldchange\$	\$date8\$	\$prodate8\$

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

CROSS SECTIONS

SHEET NUMBER

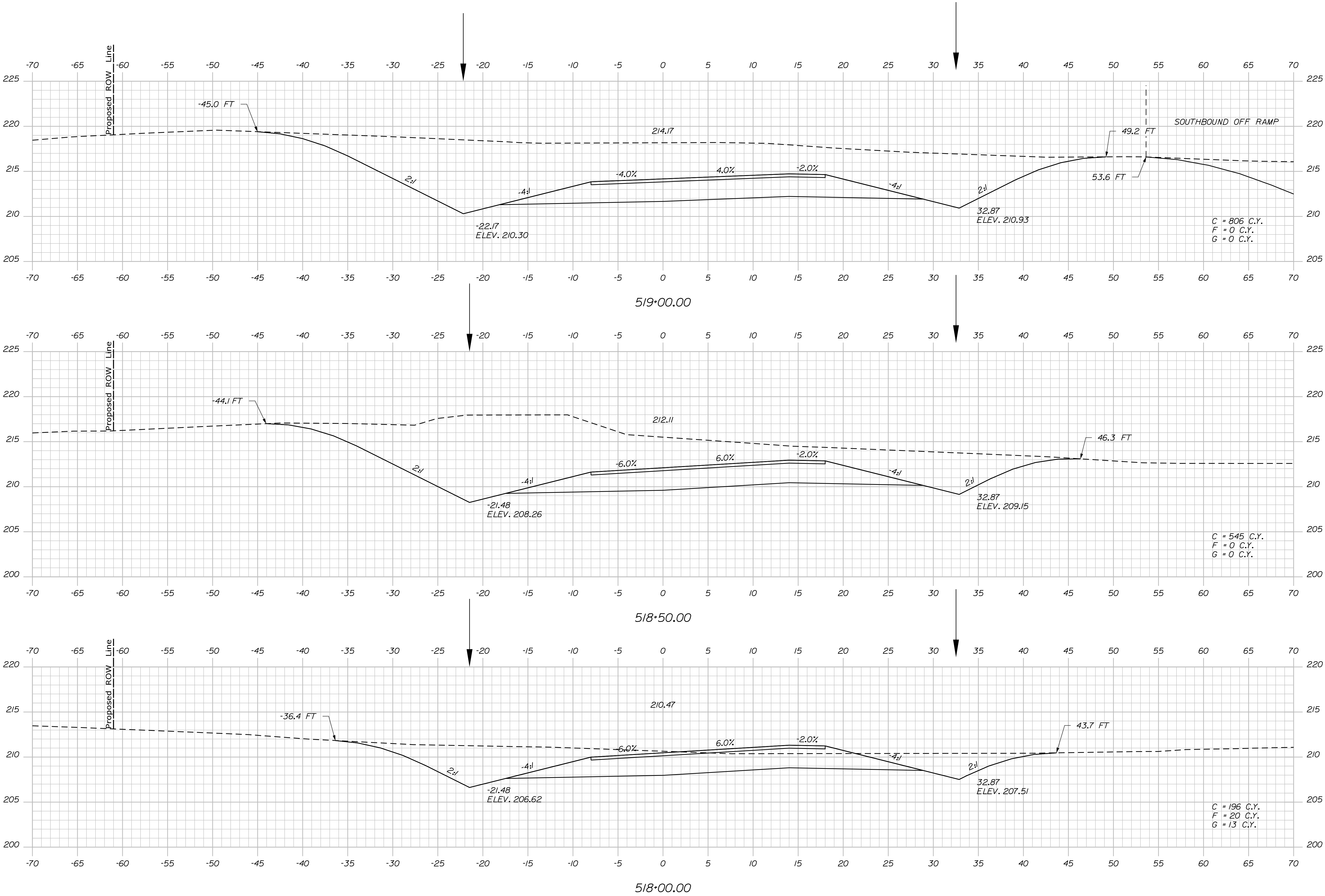
105

OF 182

Date:4/27/2016

Username: mdebowski

Filename: ... \106\_XSECT\_SB\_On-518-00\_014.dgn Division: HIGHWAY



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**106**  
OF 182

PROJ. MANAGER  
\$PROJMANAGER\$

BY  
\$BY\$

DATE  
\$DATE\$

CHECKED-REVIEWED  
\$CHECKED-REVIEWED\$

DESIGN-DETAILED  
\$DESIGN-DETAILED\$

DESIGN-DETAILED  
\$DESIGN-DETAILED\$

REVISIONS 1  
\$REVISIONS 1\$

REVISIONS 2  
\$REVISIONS 2\$

REVISIONS 3  
\$REVISIONS 3\$

REVISIONS 4  
\$REVISIONS 4\$

FIELD CHANGES  
\$FIELD CHANGES\$

SIGNATURE  
\$SIGNATURE\$

PROJECT NO.  
\$PROJECT NO.\$

P.E. NUMBER  
\$P.E. NUMBER\$

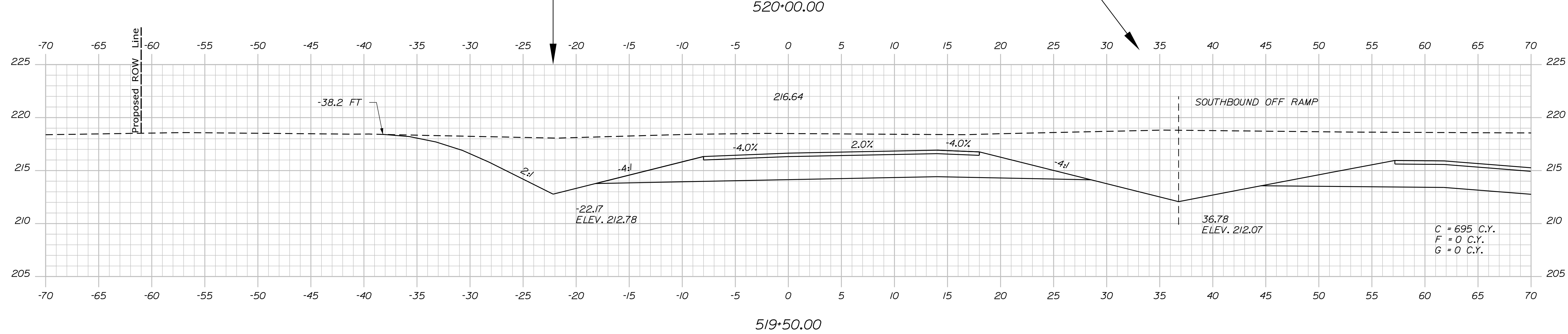
DATE  
\$DATE\$

WIN  
18123.10

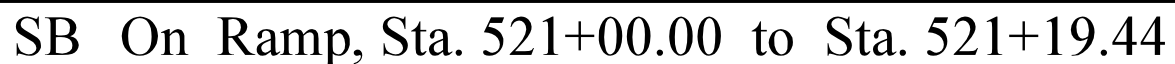
HIGHWAY PLANS

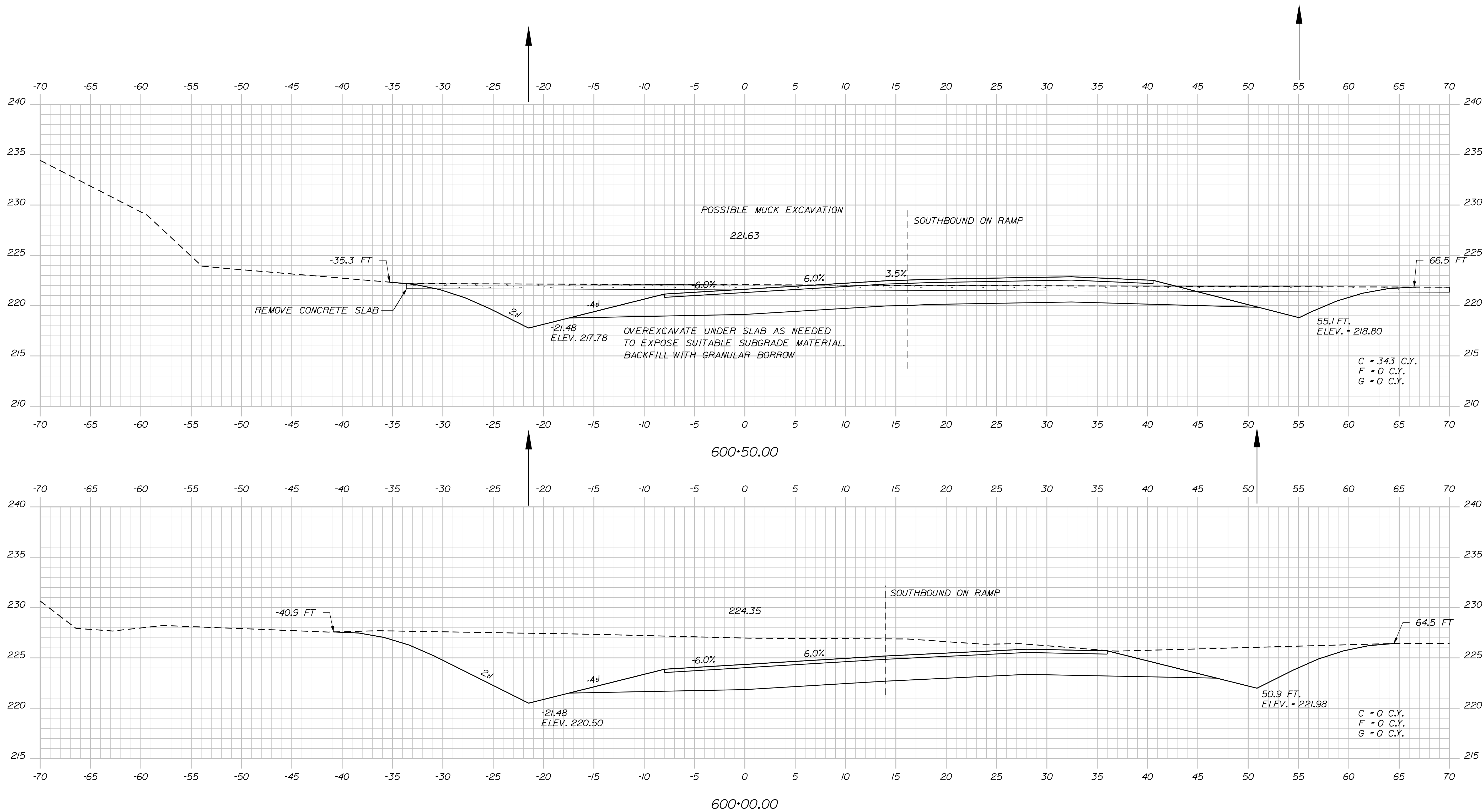
CROSS SECTIONS





107	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	PROJ. MANAGER	\$PROJMANAGER\$	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED	\$designer1\$	\$designer1\$	\$project1\$		
			CHECKED-REVIEWED					SIGNATURE
			DESIGNER-DETAILED02	\$designer2\$	\$designer2\$	\$project2\$		
			DESIGNER-DETAILED03	\$designer3\$	\$designer3\$	\$project3\$		
OF 182		CROSS SECTIONS	REVISIONS 1			\$revision1\$	P.E. NUMBER	
			REVISIONS 2			\$revision2\$		
			REVISIONS 3			\$revision3\$		
			REVISIONS 4			\$revision4\$	DATE	
			FIELD CHANGES			\$fieldchange\$	\$fielddate\$	
							WIN 18129.10 HIGHWAY PLANS	

[illegible]

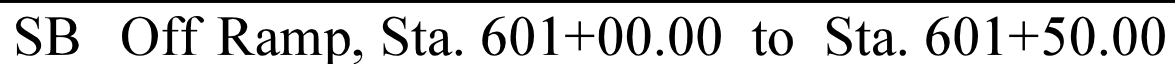


PROJ. MANAGER	\$PROJ.MANAGER\$	BY	DATE
DESIGN-DETAILED	\$designer1\$	\$date1\$	\$project1\$
CHECKED-REVIEWED	\$designer2\$	\$date2\$	\$project2\$
DESIGN-DETAILED	\$designer3\$	\$date3\$	\$project3\$
DESIGN-DETAILED	\$designer4\$	\$date4\$	\$project4\$
REVISIONS 1	\$revision1\$	\$date5\$	\$project5\$
REVISIONS 2	\$revision2\$	\$date6\$	\$project6\$
REVISIONS 3	\$revision3\$	\$date7\$	\$project7\$
REVISIONS 4	\$revision4\$	\$date8\$	\$project8\$
REVISIONS 5	\$revision5\$	\$date9\$	\$project9\$
FIELD CHANGES	\$fieldchange\$	\$date10\$	\$project10\$

# WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE

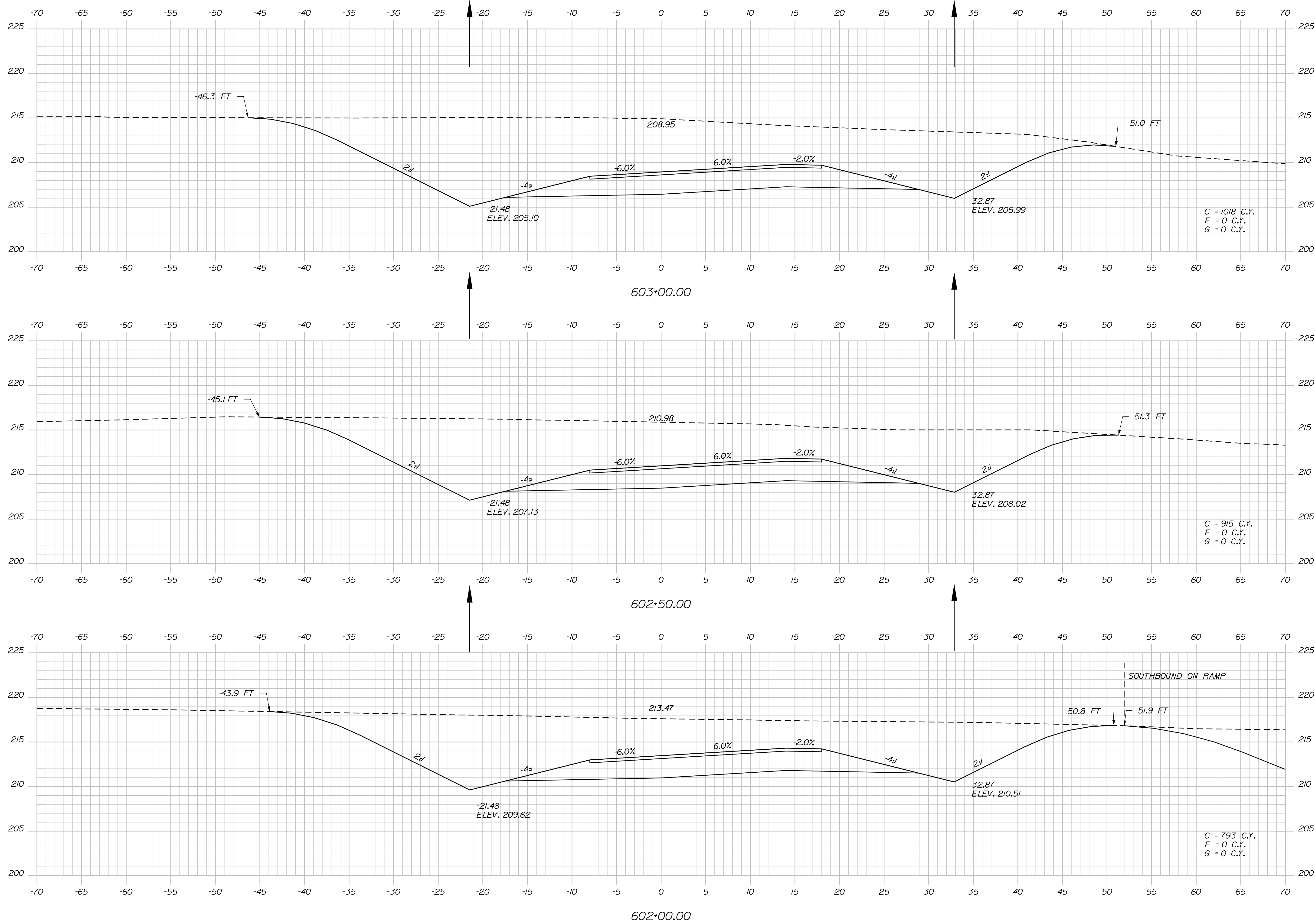
## CROSS SECTIONS

SHEET NUMBER  
109  
OF 182

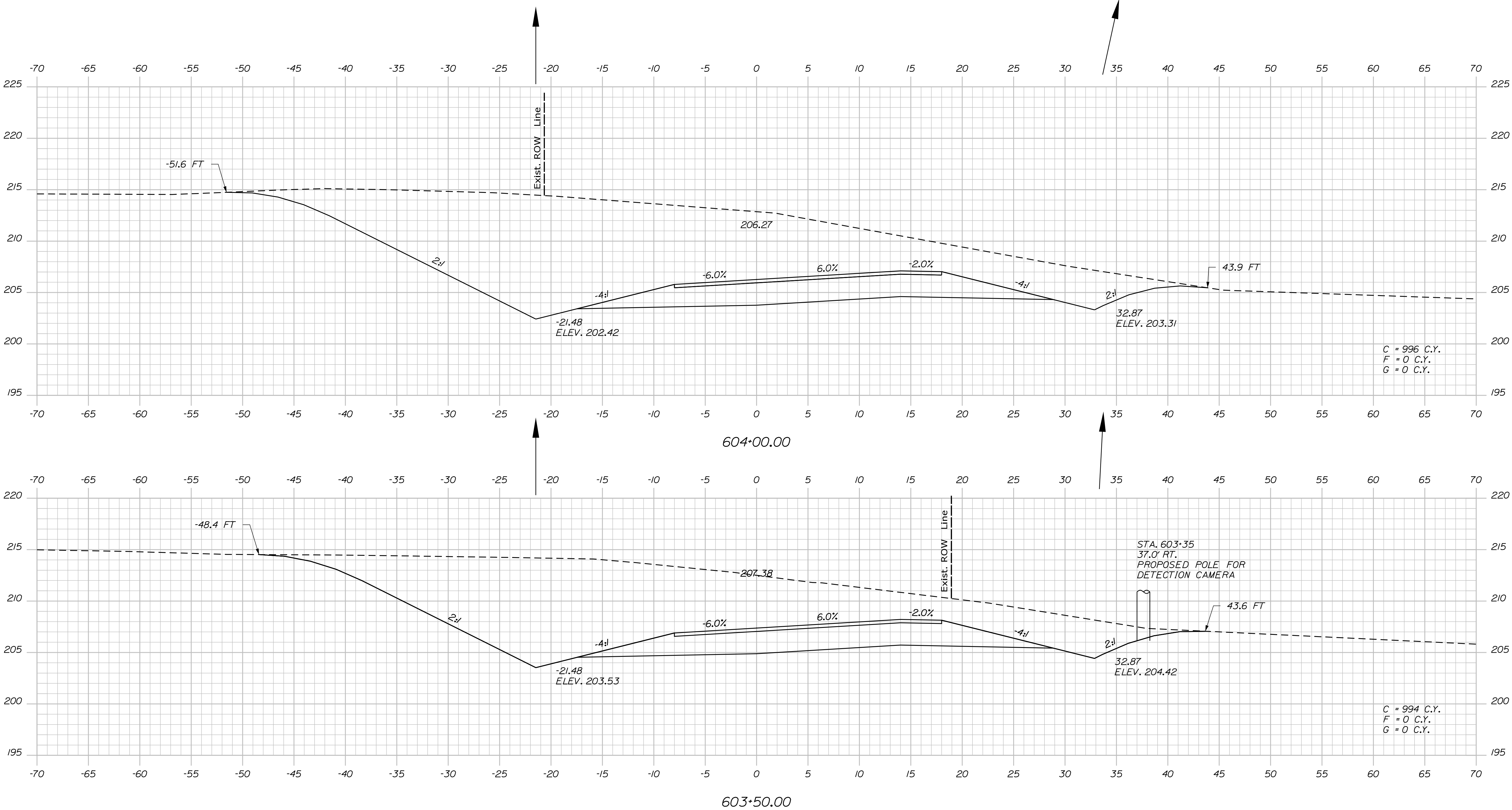


110	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	PROJ. MANAGER	\$PROJMANAGER\$	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED	\$designer1\$	\$date1\$	\$project1\$		
			CHECKED-REVIEWED					SIGNATURE
			DESIGN2-DETAILED2	\$designer2\$	\$date2\$	\$project2\$		
			DESIGN3-DETAILED3	\$designer3\$	\$date3\$	\$project3\$		
			REVISIONS 1			\$revdate1\$		
			REVISIONS 2			\$revdate2\$		
			REVISIONS 3	\$revision3\$		\$revdate3\$		DATE
			REVISIONS 4	\$revision4\$		\$revdate4\$		
			FIELD CHANGES	\$fieldchange\$		\$fielddate\$		

WIN  
18129.10  
HIGHWAY PLANS

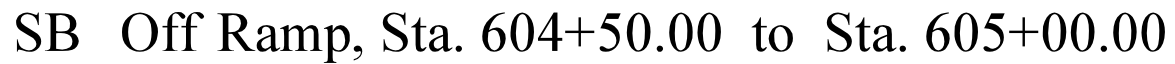


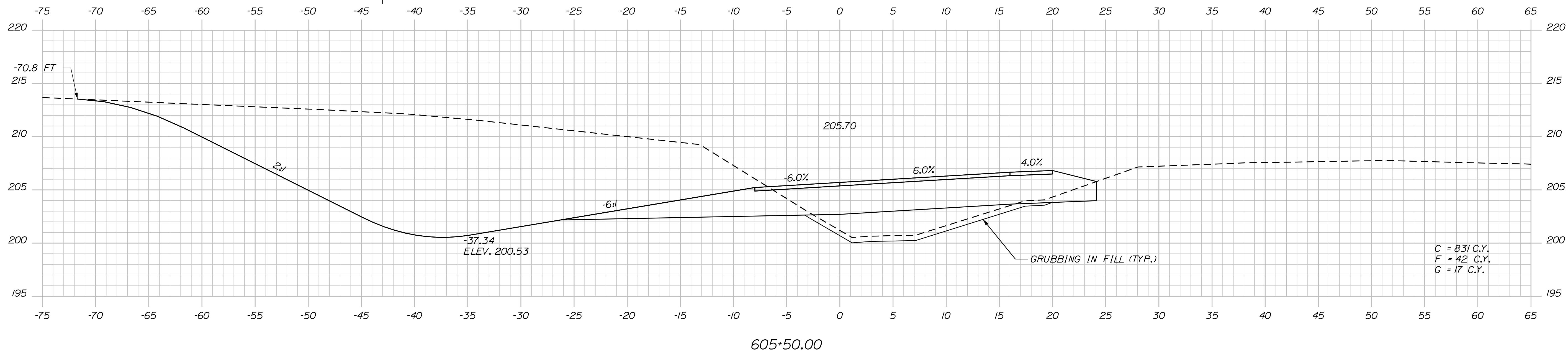




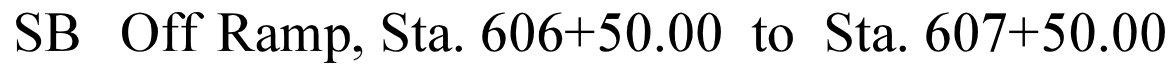
PROJ. MANAGER	BY	DATE	SIGNATURE
CHECKED-REVIEWED	DESIGNER	PROJ. DATE	PROJ. DATE
DESIGN-DETAILS	DESIGNER	PROJ. DATE	PROJ. DATE
DESIGN-DETAILS	DESIGNER	PROJ. DATE	PROJ. DATE
REVISIONS 1	REVISION	REVISION DATE	REVISION DATE
REVISIONS 2	REVISION	REVISION DATE	REVISION DATE
REVISIONS 3	REVISION	REVISION DATE	REVISION DATE
REVISIONS 4	REVISION	REVISION DATE	REVISION DATE
FIELD CHANGES	FIELD	FIELD DATE	FIELD DATE

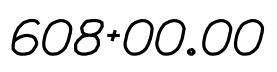
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

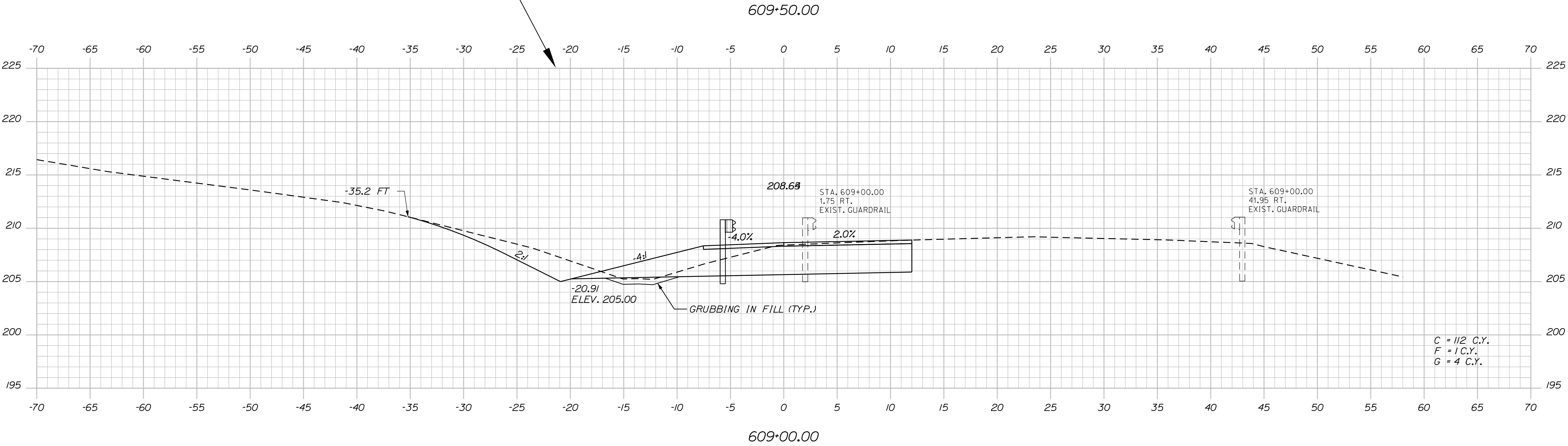
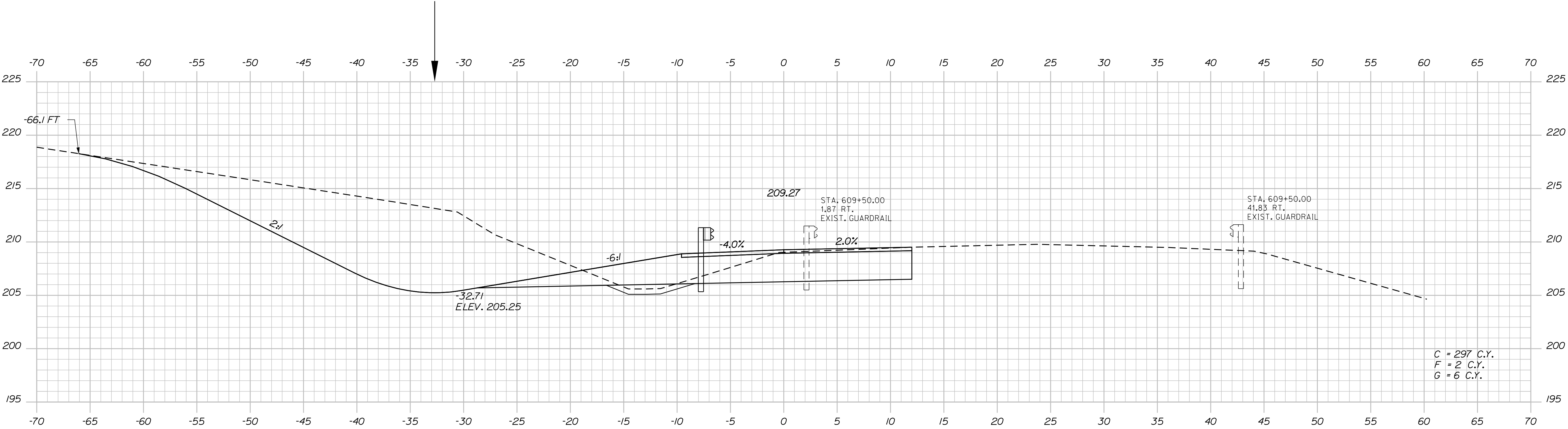
[illegible]



114		SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER \$PROJMANAGERS		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
						DESIGN-DETAILED \$DESIGNER1\$		\$DATE1\$		\$PROJDATE1\$			
						CHECKED-REVIEWED \$DESIGNER2\$		\$DATE2\$		\$PROJDATE2\$		SIGNATURE	
						DESIGNS-DETAILED02 \$DESIGNER3\$		\$DATE3\$		\$PROJDATE3\$			
						DESIGNS-DETAILED03 \$DESIGNER3\$		\$DATE3\$		\$PROJDATE3\$		P.E. NUMBER	
						REVISIONS 1		\$REVISION1\$		\$REVIDATE1\$			
						REVISIONS 2		\$REVISION2\$		\$REVIDATE2\$			
						REVISIONS 3		\$REVISION3\$		\$REVIDATE3\$			
						REVISIONS 4		\$REVISION4\$		\$REVIDATE4\$		DATE	
						FIELD CHANGES		\$FIELDCHANGES\$		\$FIELDDATE\$		WIN 18129.10 HIGHWAY PLANS	

[illegible]

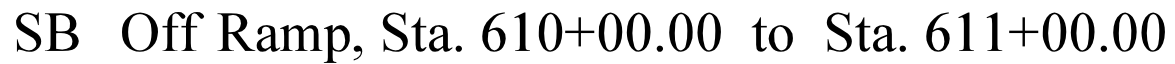




PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED
DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED	DESIGNED-REVIEWED

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE





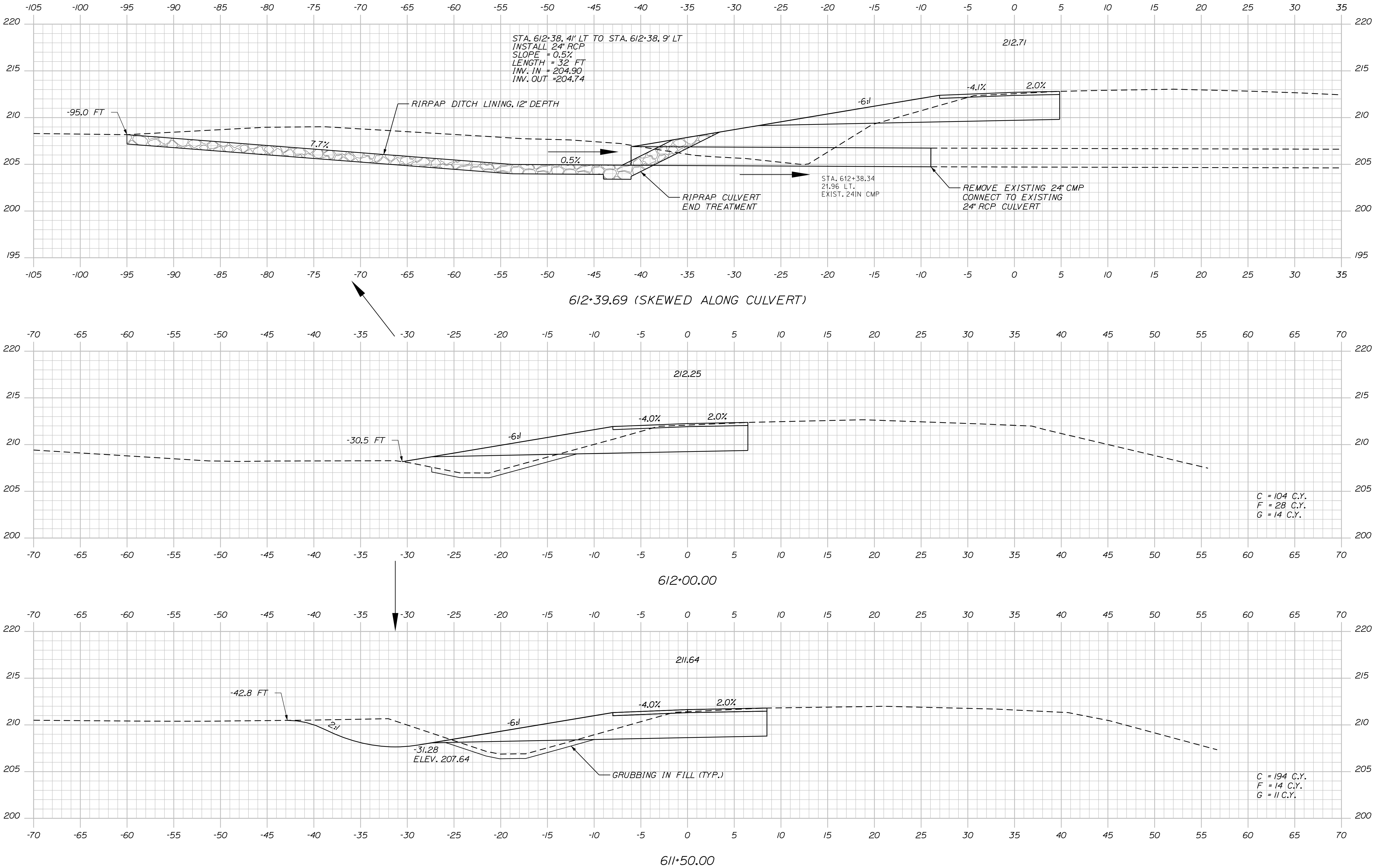
SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER   \$PROJMANAGER\$   BY   DATE DESIGN DET-DETAILED   \$DESIGNER1\$   \$DATE1\$ CHECKED-REVIEWED   \$DESIGNER2\$   \$DATE2\$ DESIGNED BY TALEDZ   \$DESIGNER3\$   \$DATE3\$ DESIGNED BY TALEDZ   \$DESIGNER4\$   \$DATE4\$ REVISIONS   1   \$REVDATE1\$ REVISIONS   2   \$REVDATE2\$ REVISIONS   3   \$REVDATE3\$ REVISIONS   4   \$REVDATE4\$ FIELD CHANGES   \$FIELDCHANGES\$		STATE OF MAINE DEPARTMENT OF TRANSPORTATION SIGNATURE P.E. NUMBER DATE WIN 18129.10 HIGHWAY PLANS	
118		CROSS SECTIONS					
OF 182							

Date:4/27/2016

Username: mdebowski

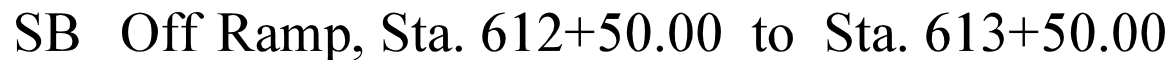
Division: HIGHWAY

Filename: ... \119\_XSECT\_SB\_Off\_611+50\_011.dgn



PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE
\$projmgr\$	\$designer\$	\$checker\$	\$designer\$	\$date\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	SIGNATURE
\$designer\$	\$checker\$	\$designer\$	\$date\$	\$signature\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	P.E. NUMBER
\$designer\$	\$checker\$	\$designer\$	\$date\$	\$pe\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	DATE
\$designer\$	\$checker\$	\$designer\$	\$date\$	\$date\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	FIELD CHANGES
\$designer\$	\$checker\$	\$designer\$	\$date\$	\$fieldchanges\$

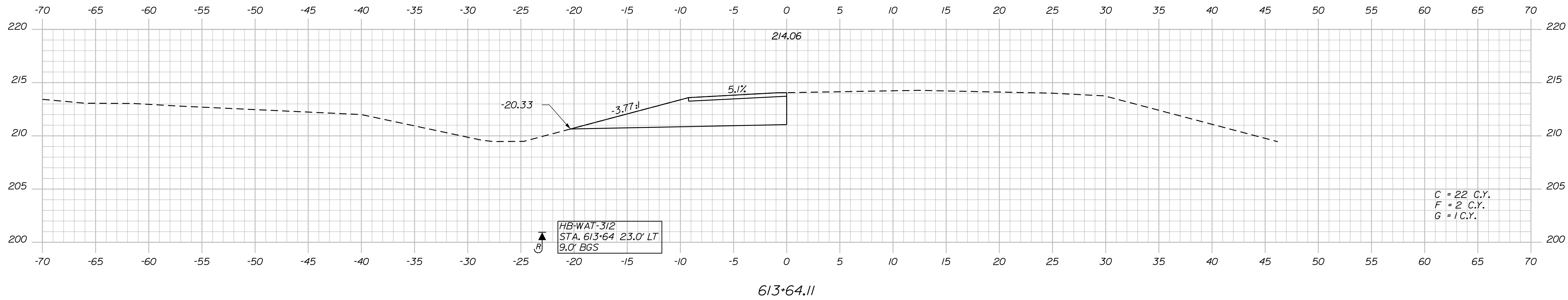
Filename: ... \120\_XSECT\_SB\_Off\_612+50\_012.dgn Division: HIGHWAY



SHEET NUMBER

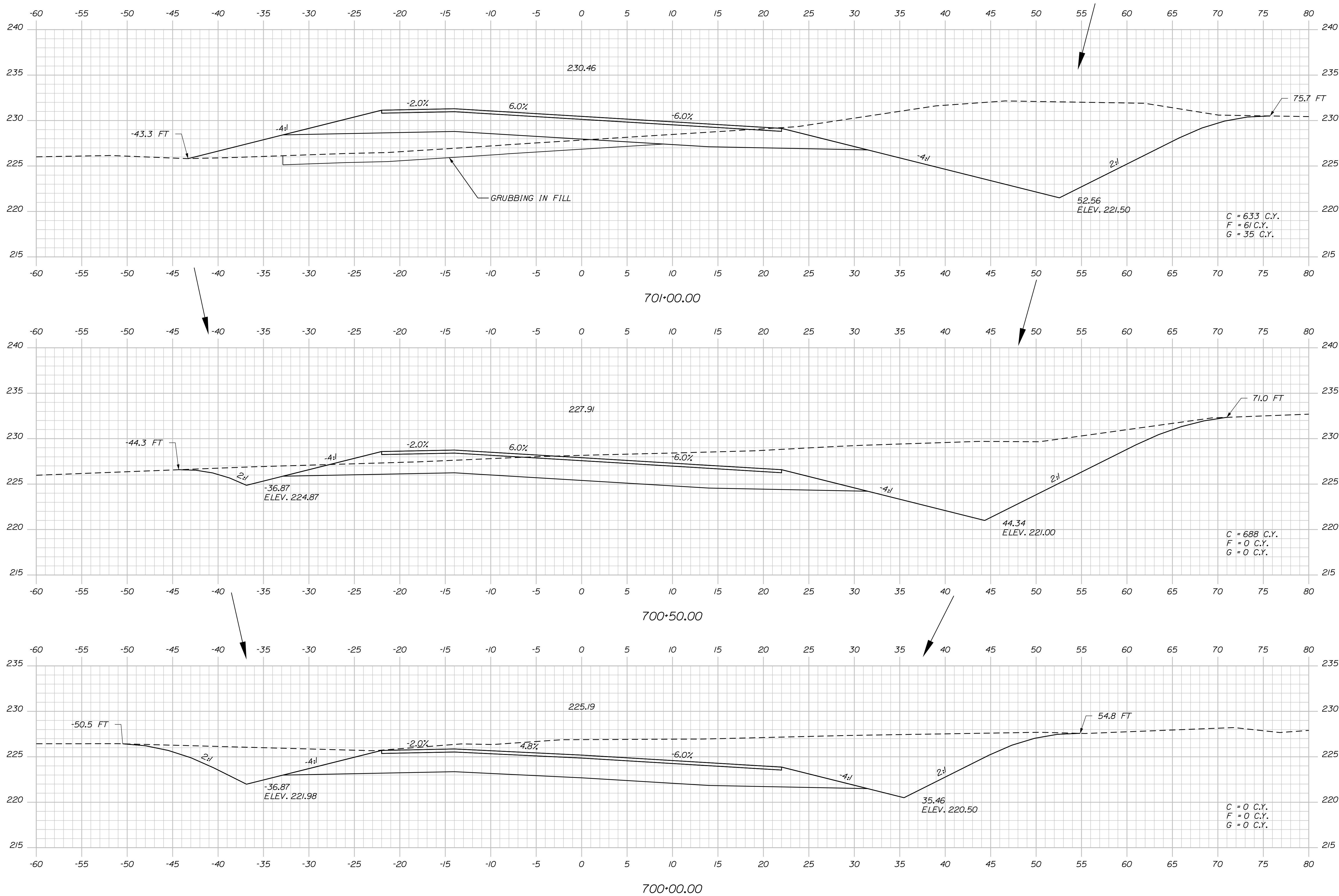
120

OF 182



121	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	CROSS SECTIONS	PROJ. MANAGER	\$PROJMANAGER\$	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
				DESIGN-DETAILED	\$DESIGNER1\$	\$PROJECT1\$		
				CHECKED-REVIEWED			SIGNATURE	
				DESIGNER-DETAILED2	\$DESIGNER2\$	\$DATE2\$	\$PROJECT2\$	
				DESIGNER-DETAILED3	\$DESIGNER3\$	\$DATE3\$	\$PROJECT3\$	
				REVISIONS 1			P.E. NUMBER	
				REVISIONS 2			\$PROJECT2\$	
				REVISIONS 3	\$REVISION3\$		\$DATE2\$	
				REVISIONS 4	\$REVISION4\$		\$DATE3\$	
				FIELD CHANGES	\$FIELDCHANGES\$		\$FIELDCHANGES\$	

Filename: ... \122\_XSECT\_SB COMBINED\_700+00\_000.Digitization: HIGHWAY



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
WIN 18129.10	

PROJ. MANAGER	\$PROJ.MANAGER\$	BY	DATE
DESIGN-DET AILED	\$designer1\$	\$date1\$	SIGNATURE
CHECKED-REVIEWED	\$designer1\$	\$date1\$	
DESIGN-DET AILED2	\$designer2\$	\$date2\$	
DESIGN-DET AILED3	\$designer3\$	\$date3\$	P.E. NUMBER
REVISIONS 1	\$revision1\$	\$date1\$	
REVISIONS 2	\$revision2\$	\$date2\$	
REVISIONS 3	\$revision3\$	\$date3\$	DATE
REVISIONS 4	\$revision4\$	\$date4\$	
FIELD CHANGES	\$fieldchange\$	\$date5\$	

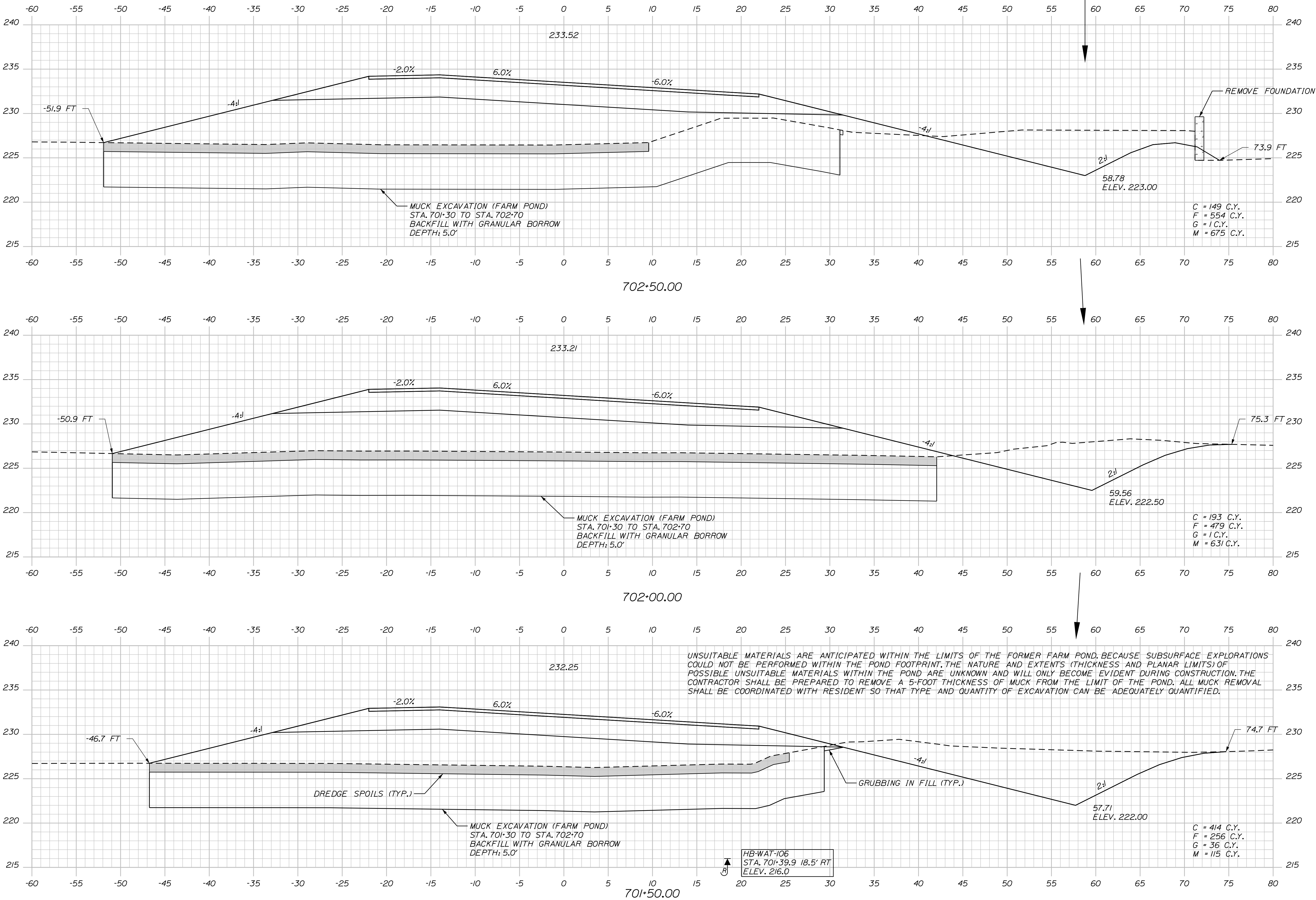
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE
CROSS SECTIONS

SHEET NUMBER  
122  
OF 182

Date:4/27/2016

Username: mdebowski

Filename: ... \123\_XSECT\_SB COMBINED\_701+50.00.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

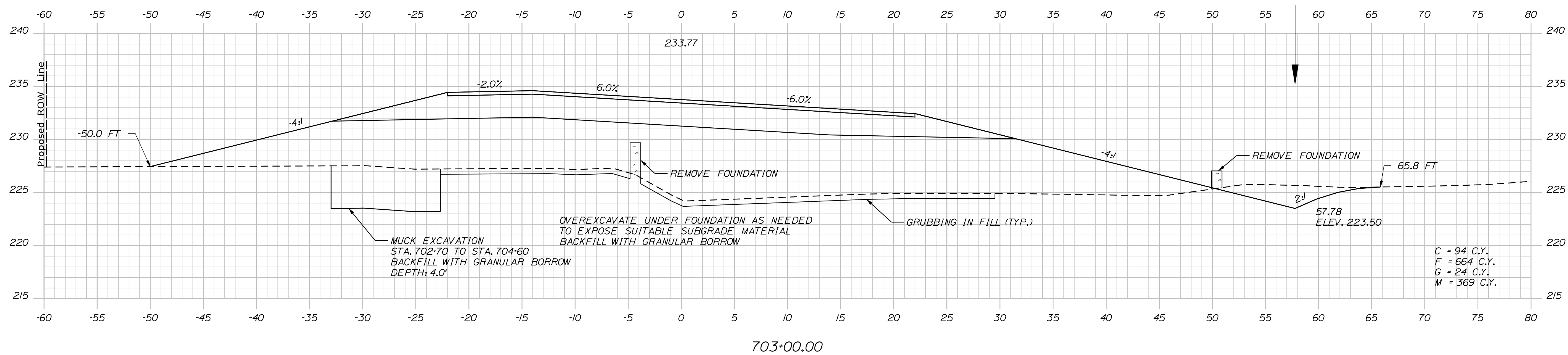
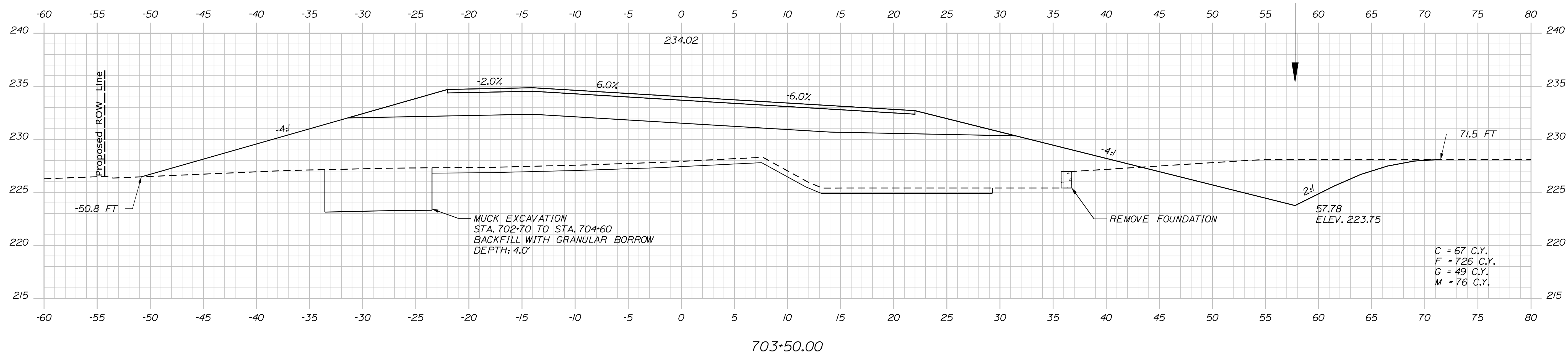
SHEET NUMBER  
**123**  
OF 182

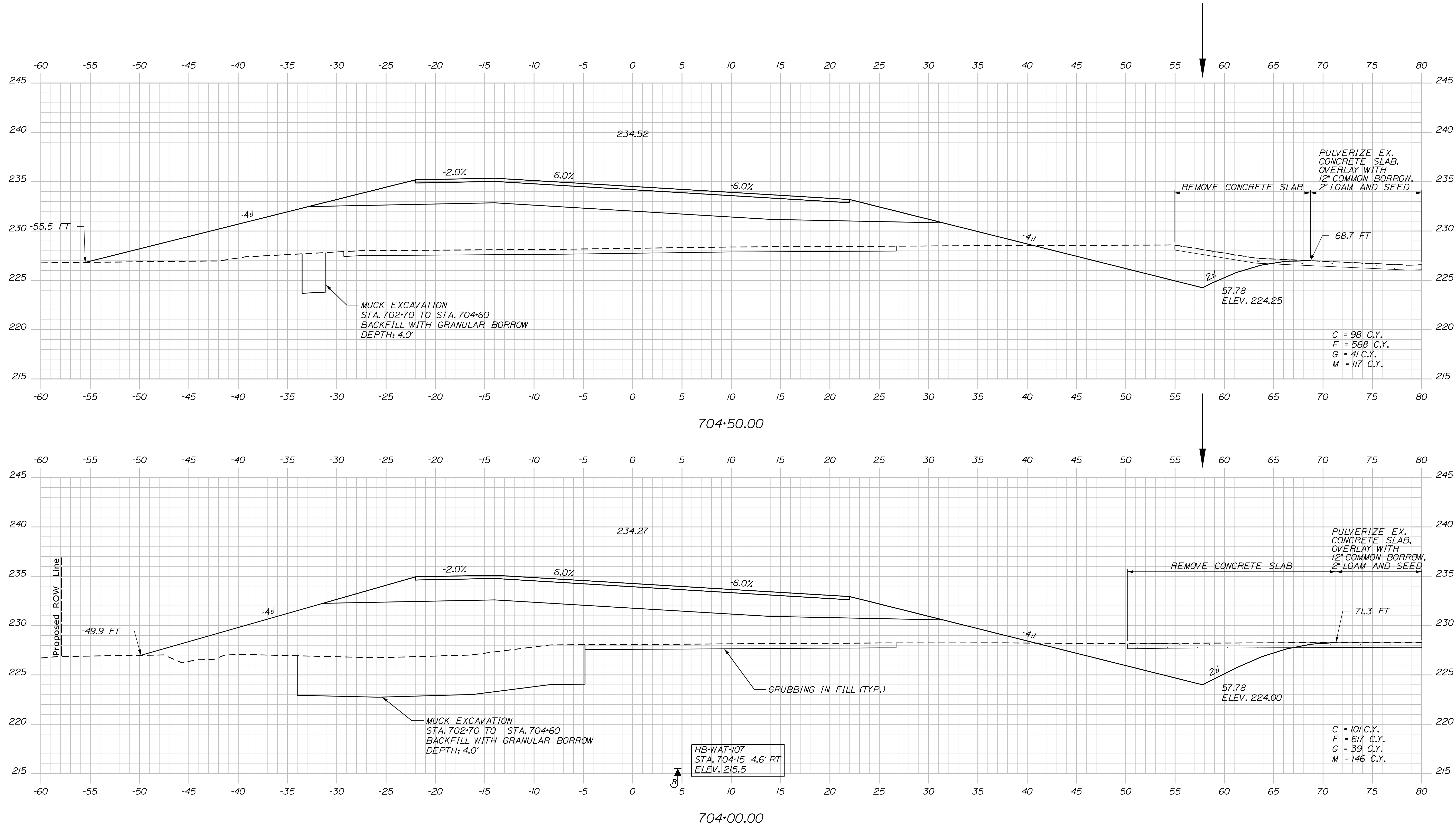
WIN  
WIN 18129.10  
HIGHWAY PLANS

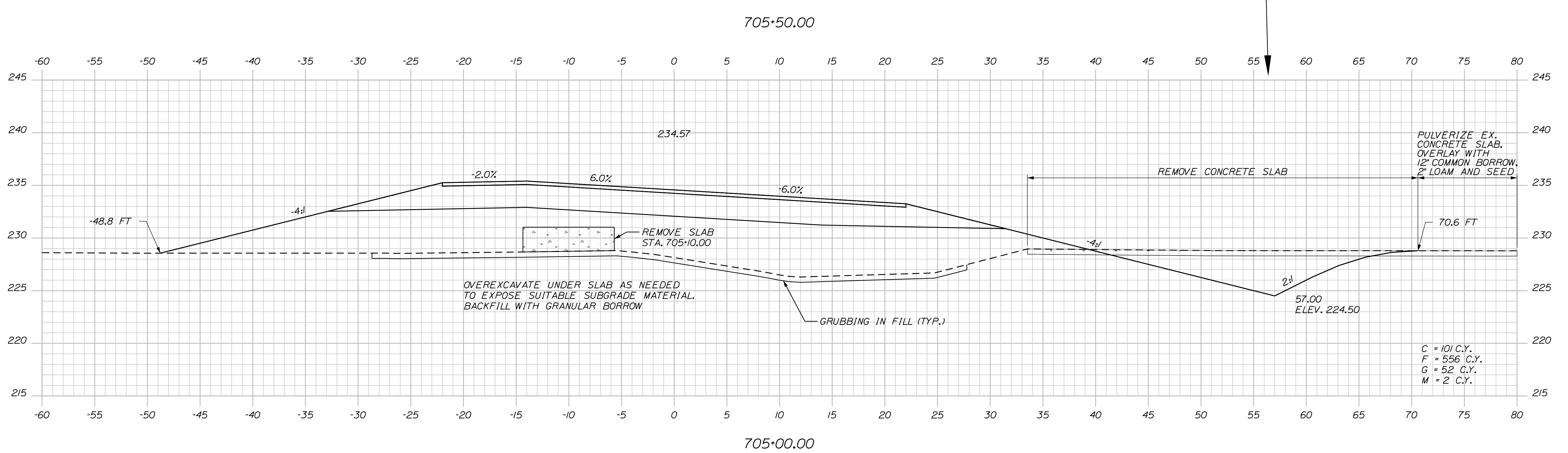
CROSS SECTIONS

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED	DESIGNER	DATE			
DESIGN-DETAILED	DESIGNER	DATE			
DESIGN-DETAILED	DESIGNER	DATE			
REVISIONS 1	DESIGNER	DATE			
REVISIONS 2	DESIGNER	DATE			
REVISIONS 3	DESIGNER	DATE			
REVISIONS 4	DESIGNER	DATE			
FIELD CHANGES	DESIGNER	DATE			



[illegible]



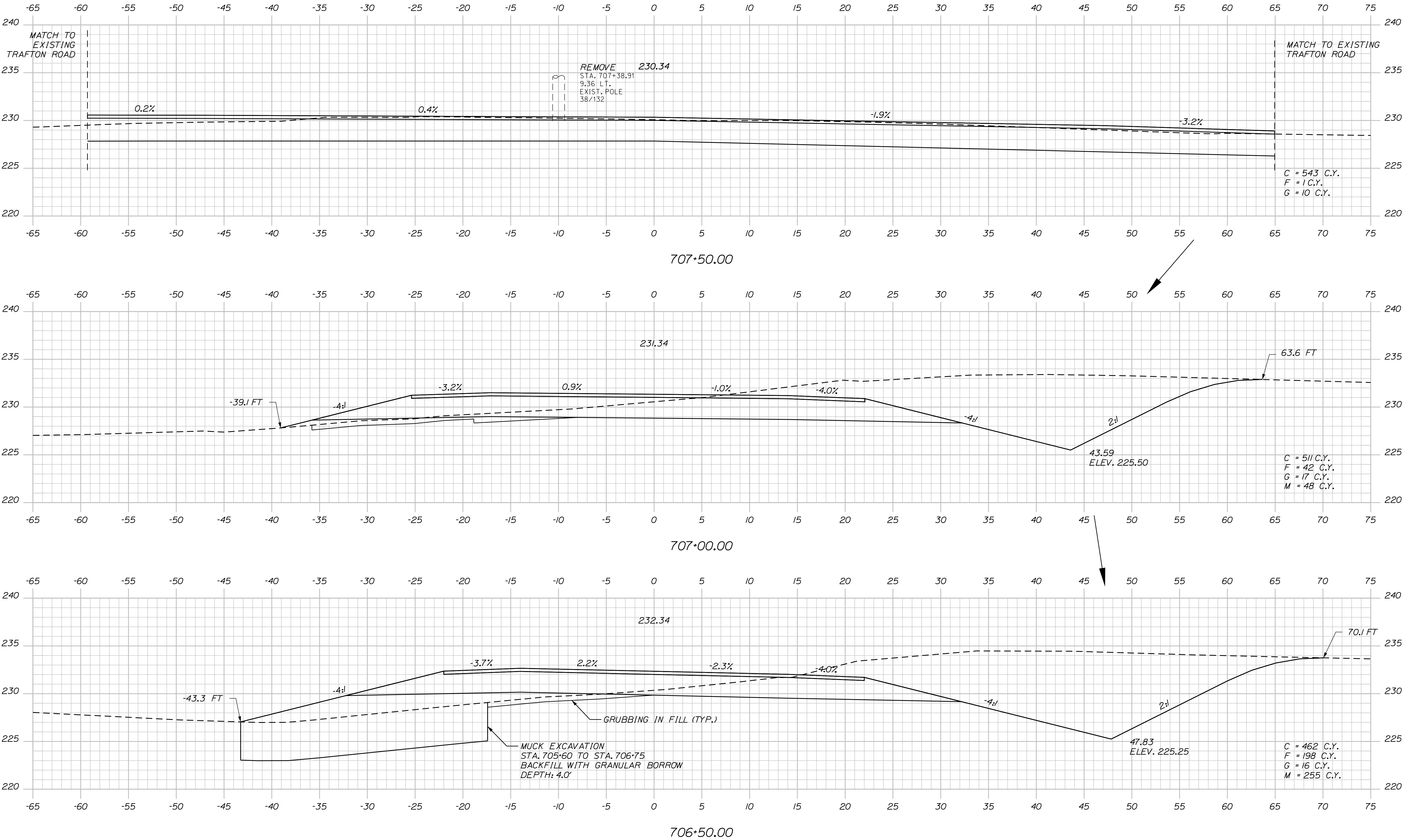


SHEET NUMBER  
126  
OF 182

Date: 4/27/2016

Username: mdebowski

Filename: ... \127\_XSECT\_SB COMBINED\_706+50.00



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

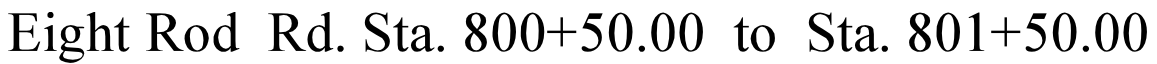
SHEET NUMBER  
**127**  
OF 182

WIN 18129.10  
HIGHWAY PLANS

CROSS SECTIONS

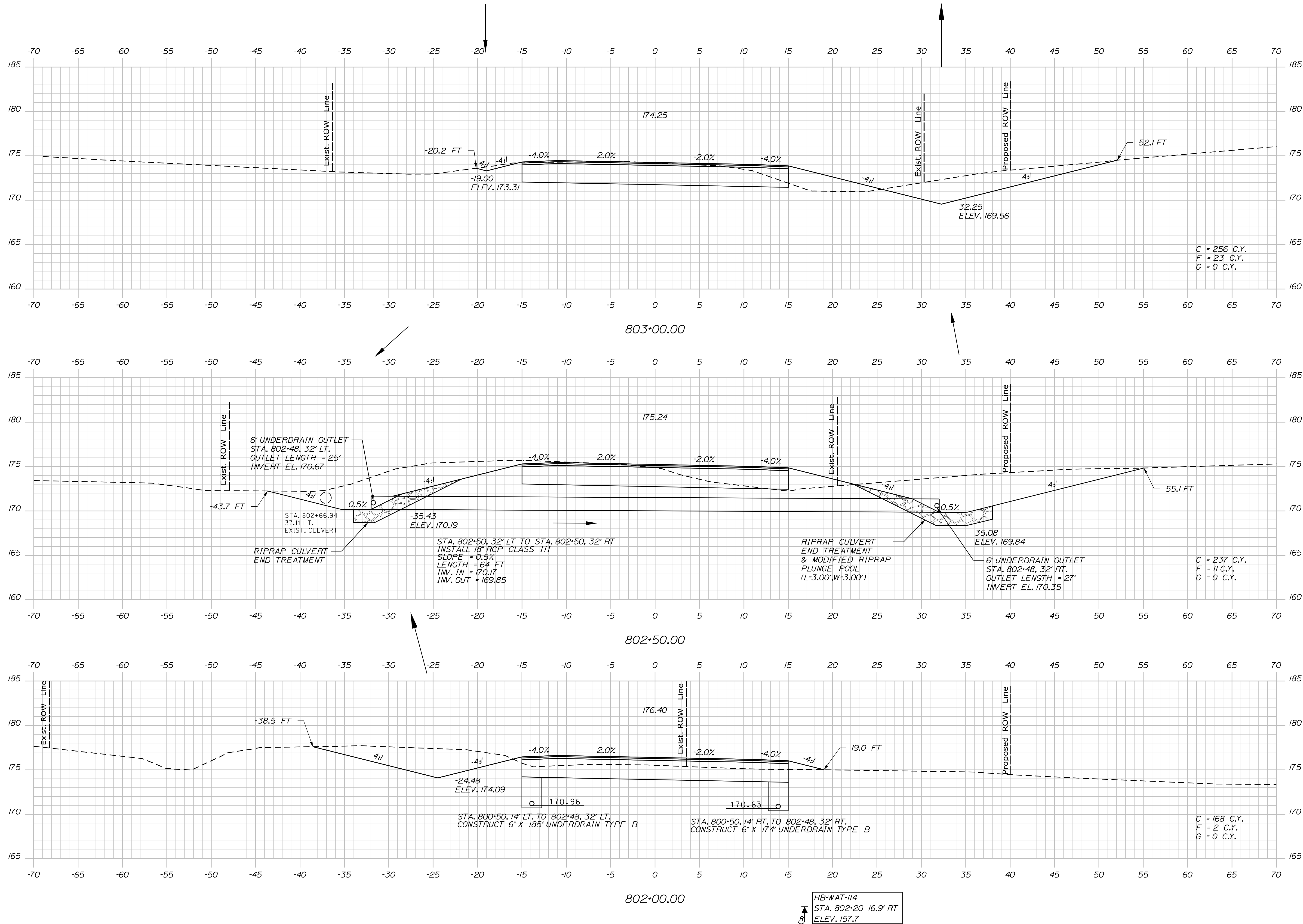
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGNED	DESIGNED	DESIGNED	DESIGNED			
CHECKED	CHECKED	CHECKED	CHECKED			
REVIEWED	REVIEWED	REVIEWED	REVIEWED			
DESIGNED	DESIGNED	DESIGNED	DESIGNED			
REVISIONS 1	REVISIONS 1	REVISIONS 1	REVISIONS 1			
REVISIONS 2	REVISIONS 2	REVISIONS 2	REVISIONS 2			
REVISIONS 3	REVISIONS 3	REVISIONS 3	REVISIONS 3			
REVISIONS 4	REVISIONS 4	REVISIONS 4	REVISIONS 4			
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES			

Filename: ... \128\_XSECT\_Eight\_Rod\_801+00\_001.dgn Division: HIGHWAY



SHEET NUMBER		128		OF 182	
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		CROSS SECTIONS		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
PROJECT MANAGER	\$PROJECTMANAGER	BY	DATE		
DESIGN-DETAILED	\$DESIGNER15	\$DATE15	\$PROJECT15		
CHECKED-REVIEWED	\$DESIGNER28	\$DATE28	\$PROJECT28	SIGNATURE	
DESIGN-DETAILED	\$DESIGNER39	\$DATE39	\$PROJECT39		
REVISIONS 1	\$REVISION15	\$DATE15	\$PROJECT15	P.E. NUMBER	
REVISIONS 2	\$REVISION25	\$DATE25	\$PROJECT25		
REVISIONS 3	\$REVISION35	\$DATE35	\$PROJECT35	DATE	
REVISIONS 4	\$REVISION45	\$DATE45	\$PROJECT45		
FIELD CHANGES	\$FIELDCHANGES	\$DATECHANGES	\$PROJECTCHANGES	WIN 18129.10 HIGHWAY PLANS	

Filename: ... \129\_XSECT\_Eight\_Rod\_802\*00\_002.dwg Division: HIGHWAY



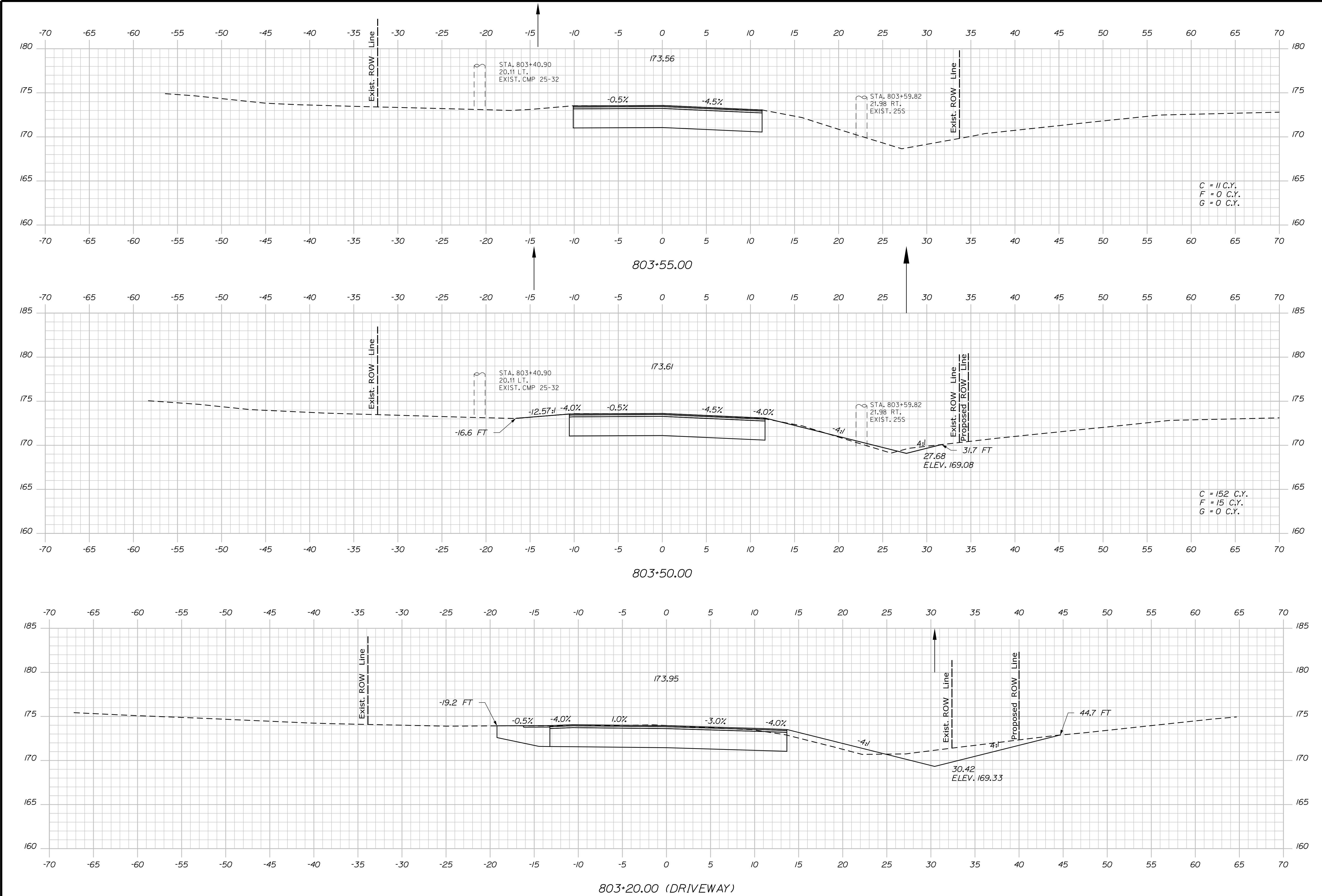
129		SHEET NUMBER		WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER		\$PROJMANAGER\$		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
						DESIGNER-DETAILED		\$DESIGNER1\$		\$DATE01/15/2016\$		\$PROJECTED1\$			
						CHECKED-REVIEWED				DESIGNER-21		\$PROJECTED2\$		SIGNATURE	
						DESIGNER-DETAILED2		\$DESIGNER2\$		\$DATE02/15/2016\$		\$PROJECTED2\$			
						DESIGNER-DETAILED3		\$DESIGNER3\$		\$DATE03/15/2016\$		\$PROJECTED3\$		P.E. NUMBER	
						REVISIONS 1				\$DATE01/15/2016\$		\$PROJECTED1\$			
						REVISIONS 2				\$DATE02/15/2016\$		\$PROJECTED2\$		DATE	
						REVISIONS 3		\$REVISION3\$		\$DATE03/15/2016\$		\$PROJECTED3\$			
						REVISIONS 4		\$REVISION4\$		\$DATE04/15/2016\$		\$PROJECTED4\$			
						FIELD CHANGES		\$FIELDCHANGES\$		\$FIELDCHANGES\$		\$FIELDCHANGES\$		WIN 18129.10	
														HIGHWAY PLANS	



Date: 4/27/2016

Username: mdebowski

Filename: ... \130\_XSECT\_Eight\_Rod\_803+50\_003.dgnDivision: HIGHWAY



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

WIN

18123.10

HIGHWAY PLANS

WATERVILLE AND SIDNEY

TRAFTON ROAD INTERCHANGE

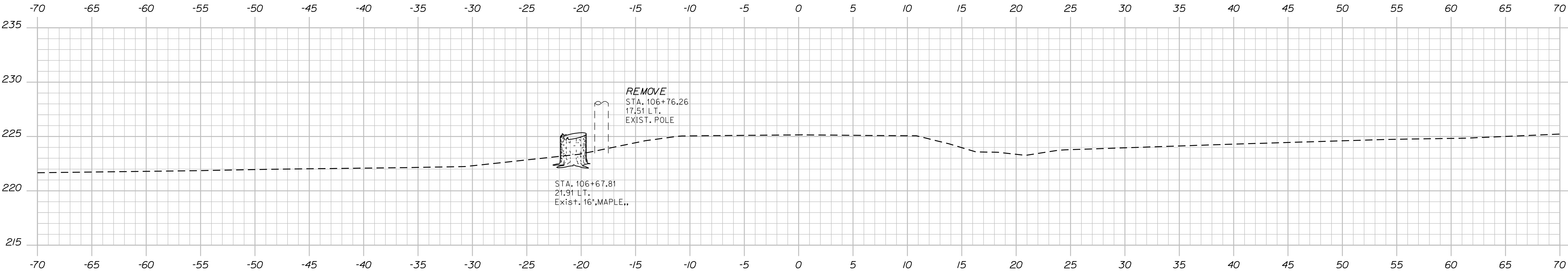
CROSS SECTIONS

SHEET NUMBER

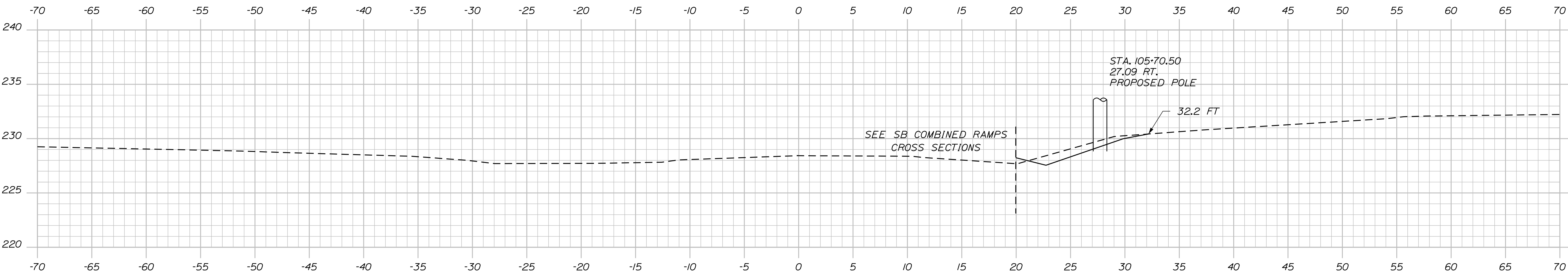
130

OF 182

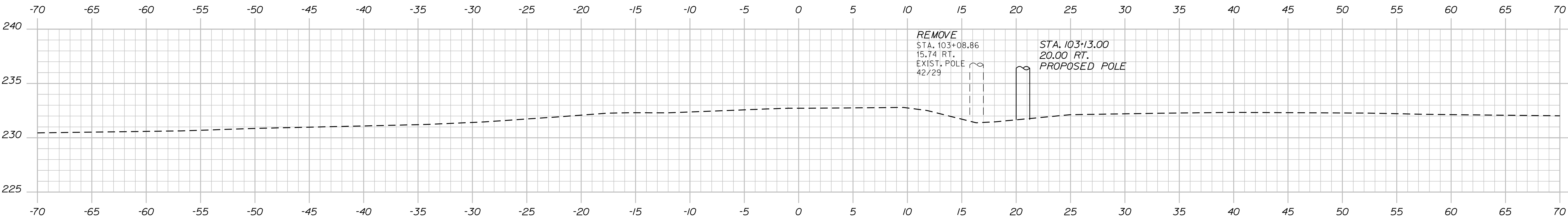
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	DESIGNER	DATE	DATE
CHECKED-REVIEWED	DESIGNER	DATE	DATE
DESIGN-DETAILED	DESIGNER	DATE	DATE
REVISIONS 1	DESIGNER	DATE	DATE
REVISIONS 2	DESIGNER	DATE	DATE
REVISIONS 3	DESIGNER	DATE	DATE
REVISIONS 4	DESIGNER	DATE	DATE
FIELD CHANGES	DESIGNER	DATE	DATE



106+76.26



105+70.50



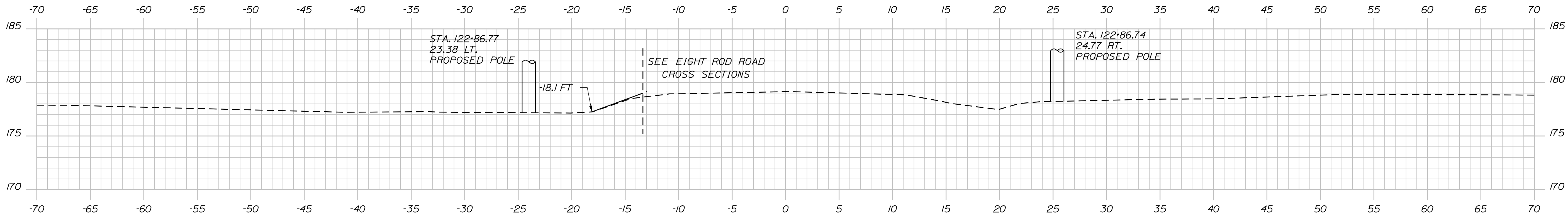
103+13.00

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE
\$projmanager\$	\$designer\$	\$checked\$	\$by\$	\$date\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	SIGNATURE
\$designer\$	\$checked\$	\$by\$	\$date\$	\$signature\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	P.E. NUMBER
\$designer\$	\$checked\$	\$by\$	\$date\$	\$pe_number\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	DATE
\$designer\$	\$checked\$	\$by\$	\$date\$	\$date\$
DESIGN-DETAILED	CHECKED-REVIEWED	BY	DATE	DATE
\$designer\$	\$checked\$	\$by\$	\$date\$	\$date\$

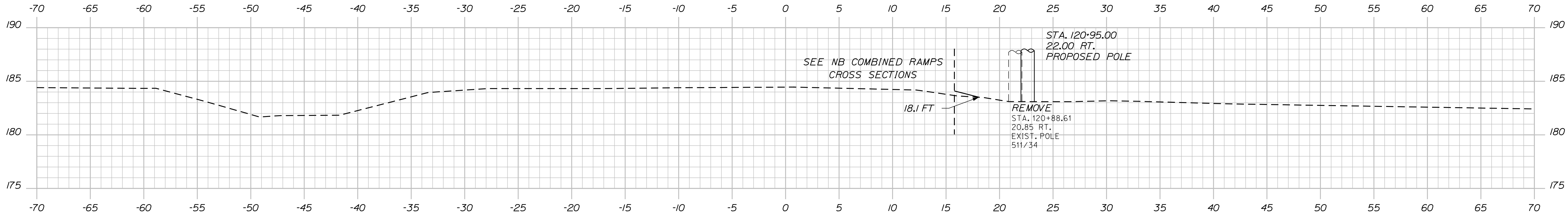
Date:4/27/2016

Username: mdebowski

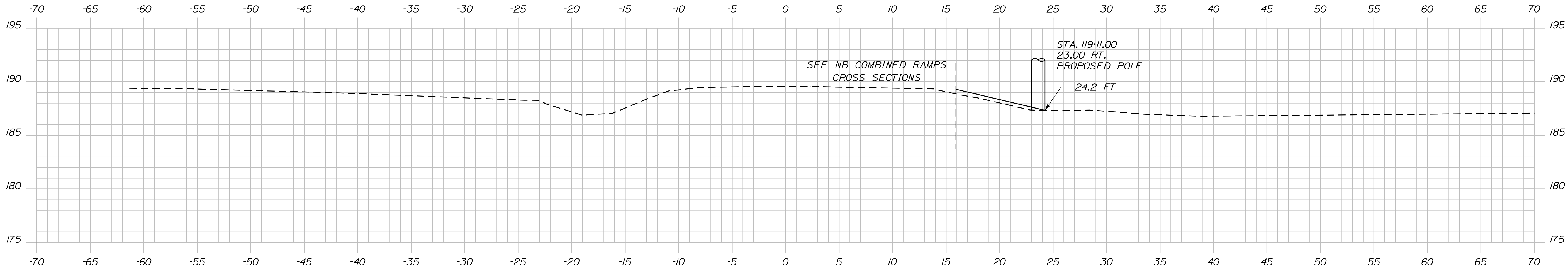
Filename: ... \132\_XSECT\_Trafton\_117+80\_002.dgn Division: HIGHWAY



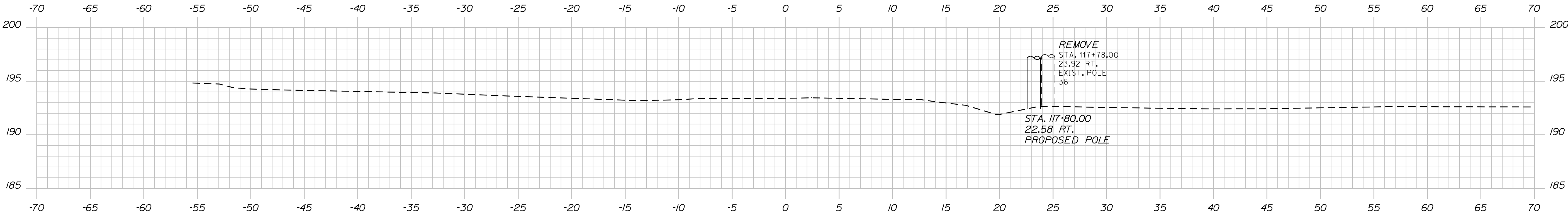
122+86.77



120+95.00



119+11.00



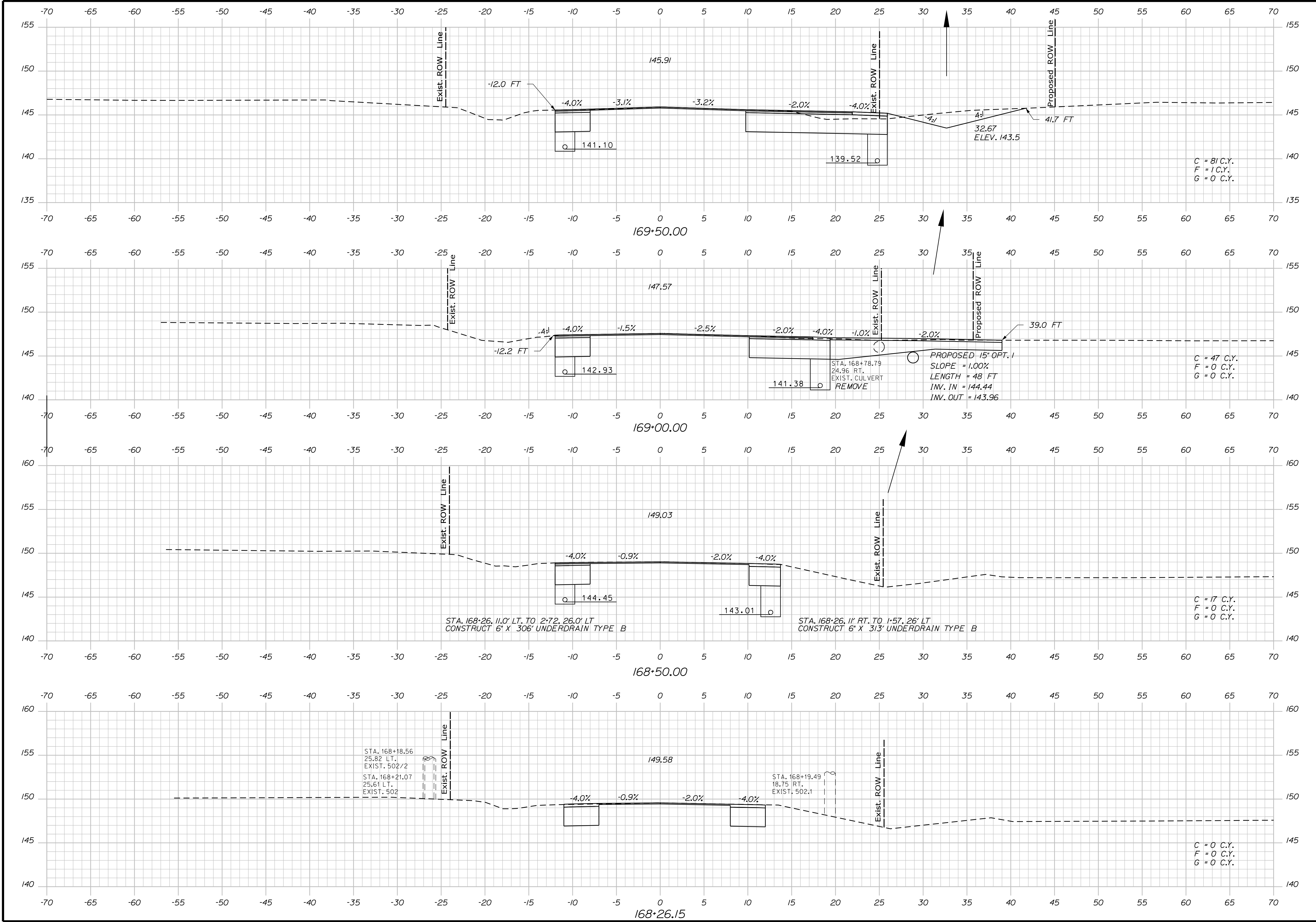
117+80.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
WIN 18129.10	

PROJ. MANAGER	BY	DATE	SIGNATURE
CHECKED-DETAILED	DESIGNER	DATE	
DESIGN-DETAILED	DESIGNER	DATE	
DESIGN-DETAILED	DESIGNER	DATE	
REVISIONS 1	DESIGNER	DATE	
REVISIONS 2	DESIGNER	DATE	
REVISIONS 3	DESIGNER	DATE	
REVISIONS 4	DESIGNER	DATE	
FIELD CHANGES	DESIGNER	DATE	

WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE	
CROSS SECTIONS	

SHEET NUMBER
132
OF 182

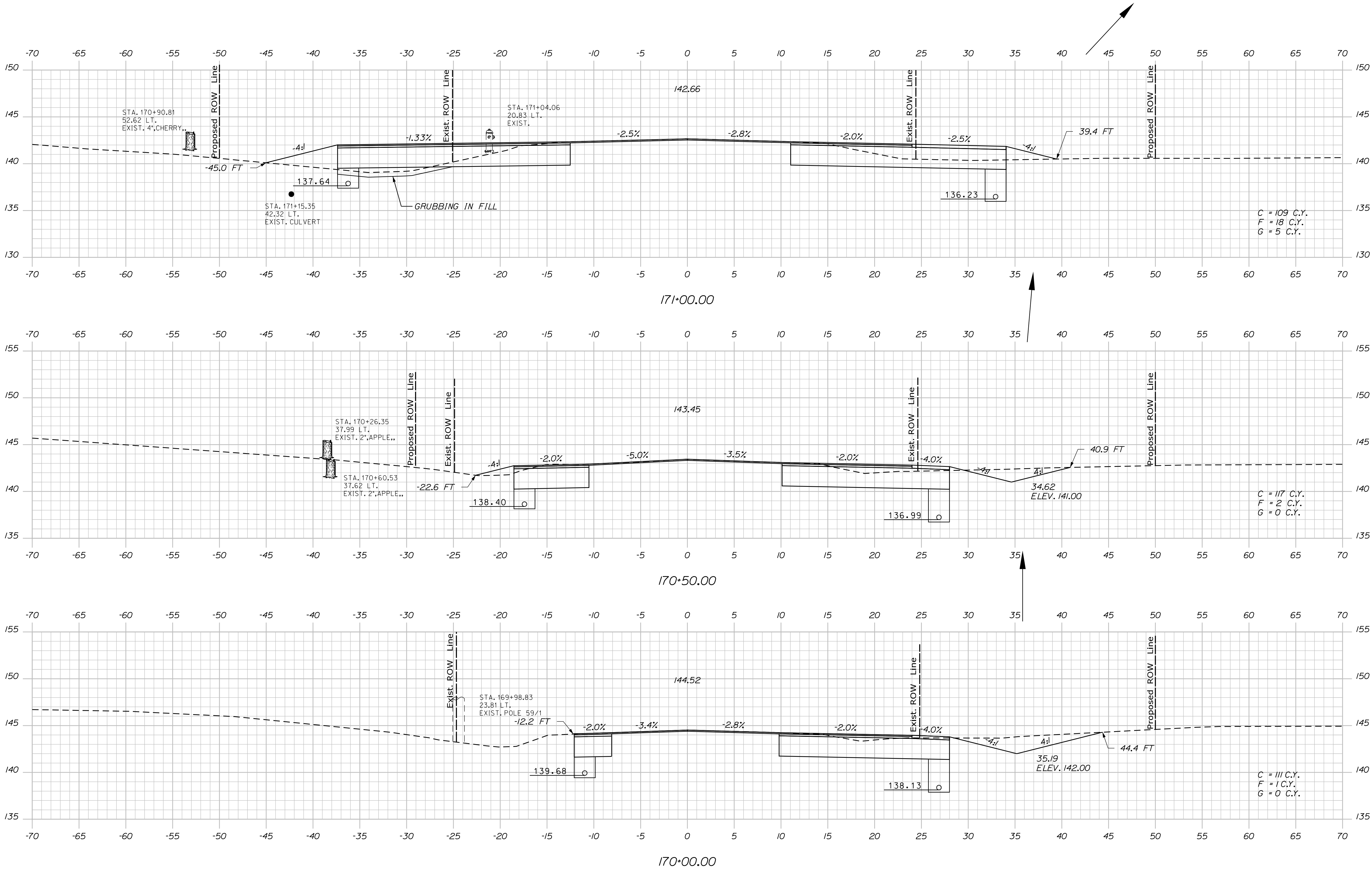


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE	
WATERVILLE AND SIDNEY		TRAFTON ROAD INTERCHANGE		CROSS SECTIONS		SHEET NUMBER		133	
18123.10		WIN		HIGHWAY PLANS		OF 182		Trafton Rd. Sta. 168+26.15 to Sta. 169+50.00	

Date:4/27/2016

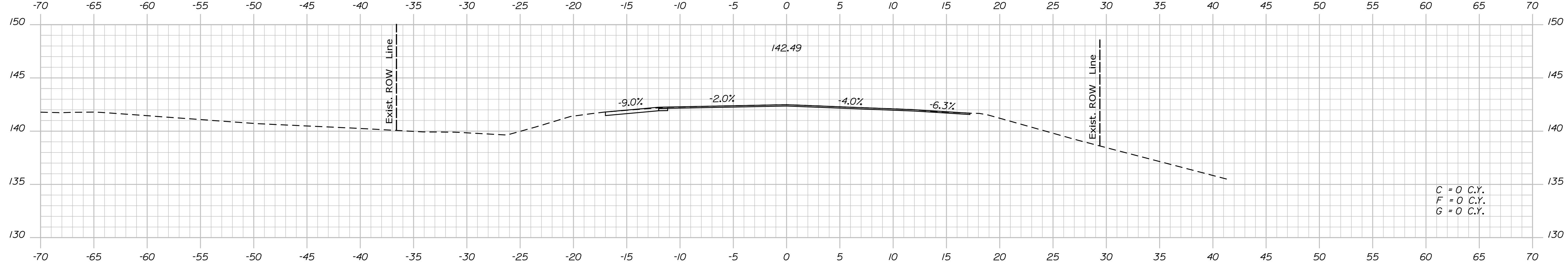
Username: mdebowski

Filename: ... \134\_XSECT\_Trafton\_170+00\_002.dgn Division: HIGHWAY



STATE OF MAINE			DEPARTMENT OF TRANSPORTATION			WIN			18129.10			HIGHWAY PLANS		
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE			PROJ. MANAGER			\$PROJ.MANAGER\$			BY			DATE		
			DESIGN-DETAILED			\$designer1\$			\$S\$detailer1\$			\$S\$projectdate1\$		
			CHECKED-REVIEWED											
			DESIGN-DETAILED			\$designer2\$			\$S\$detailer2\$			\$S\$projectdate2\$		
			DESIGN-DETAILED			\$designer3\$			\$S\$detailer3\$			\$S\$projectdate3\$		
CROSS SECTIONS			REVISIONS 1						\$S\$revidate1\$			P.E. NUMBER		
			REVISIONS 2						\$S\$revidate2\$					
			REVISIONS 3						\$S\$revidate3\$					
			REVISIONS 4						\$S\$revidate4\$			DATE		
			FIELD CHANGES						\$S\$fieldchange\$			\$S\$fielddate\$		

Filename: ... \135\_XSECT\_West\_River\_1+00\_001.dgn Division: HIGHWAY

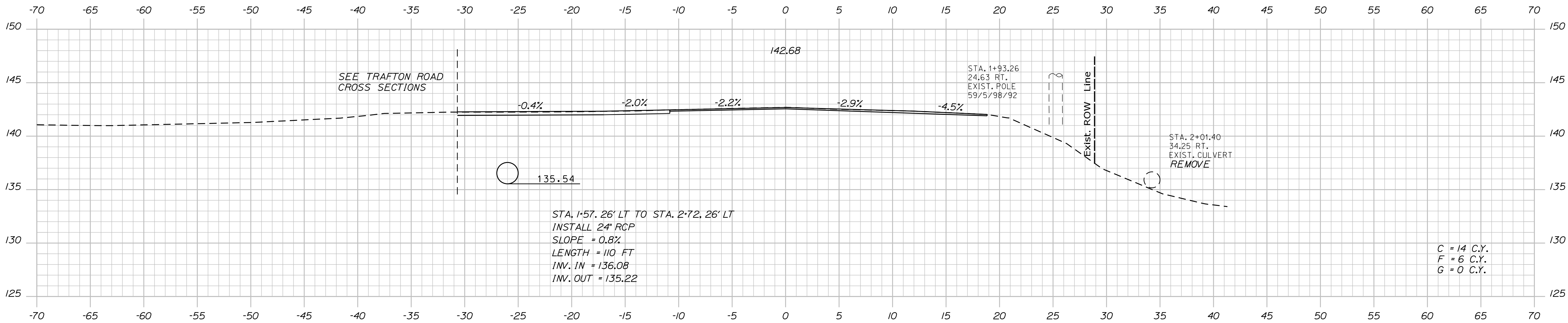
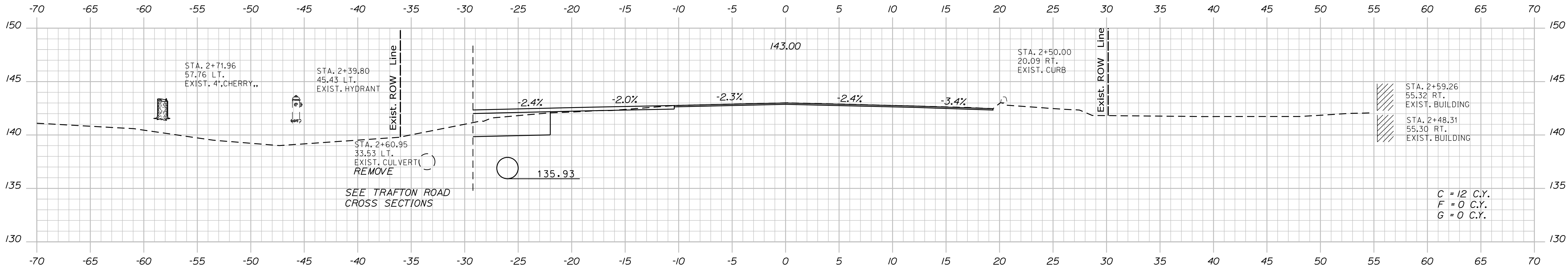
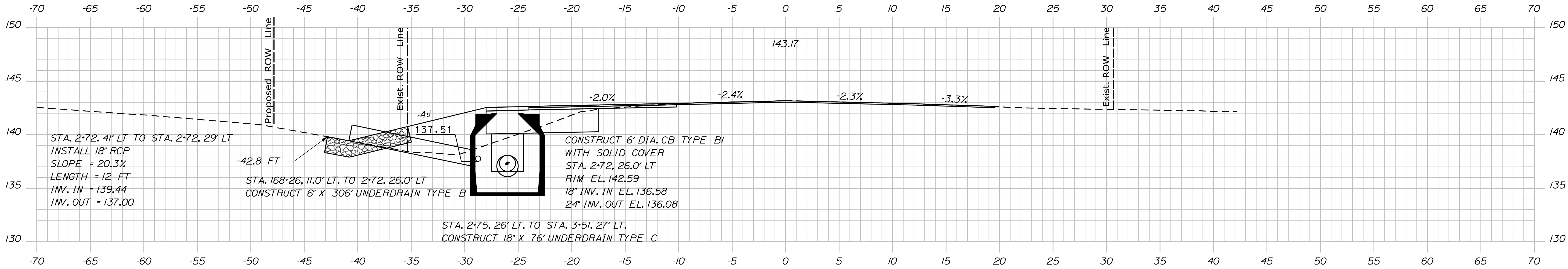




Date:4/27/2016

Username: mdebowski

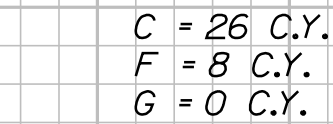
Filename: ... \136\_XSECT\_West\_River\_2+00\_002.dgnDivision: HIGHWAY



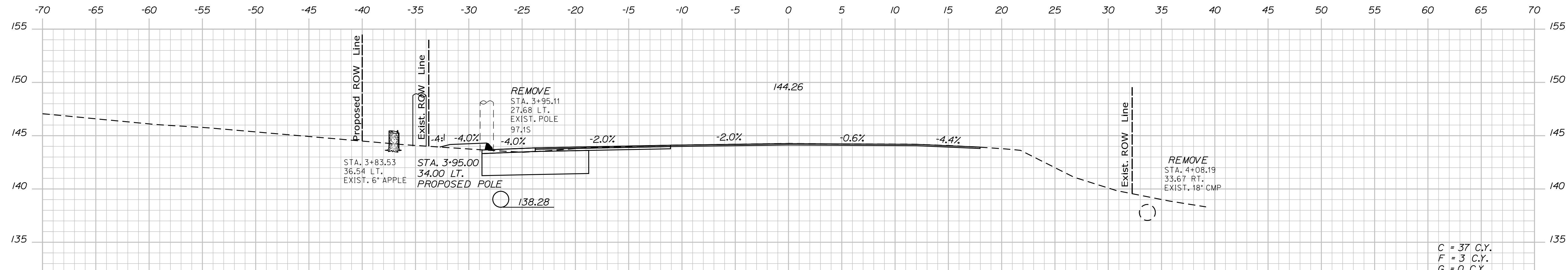
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	DESIGNER	DATE	PROJECT
CHECKED-REVIEWED	DESIGNER	DATE	PROJECT
DESIGN-DETAILED	DESIGNER	DATE	PROJECT
REVISIONS 1	DESIGNER	DATE	PROJECT
REVISIONS 2	DESIGNER	DATE	PROJECT
REVISIONS 3	DESIGNER	DATE	PROJECT
REVISIONS 4	DESIGNER	DATE	PROJECT
FIELD CHANGES	DESIGNER	DATE	PROJECT

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

CROSS SECTIONS



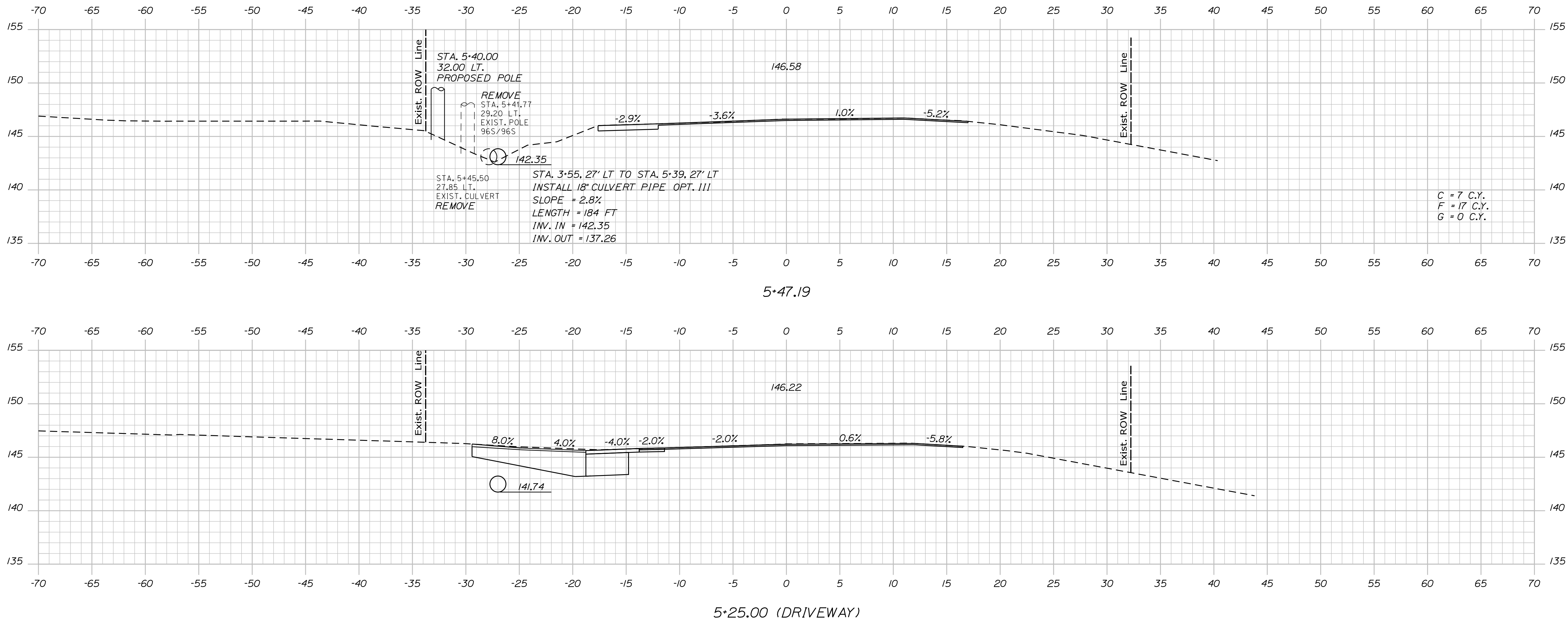
Filename: ... \138\_XSECT\_West\_River\_4+00\_004.dgn Division: HIGHWAY



SHEET NUMBER

138

OF 182



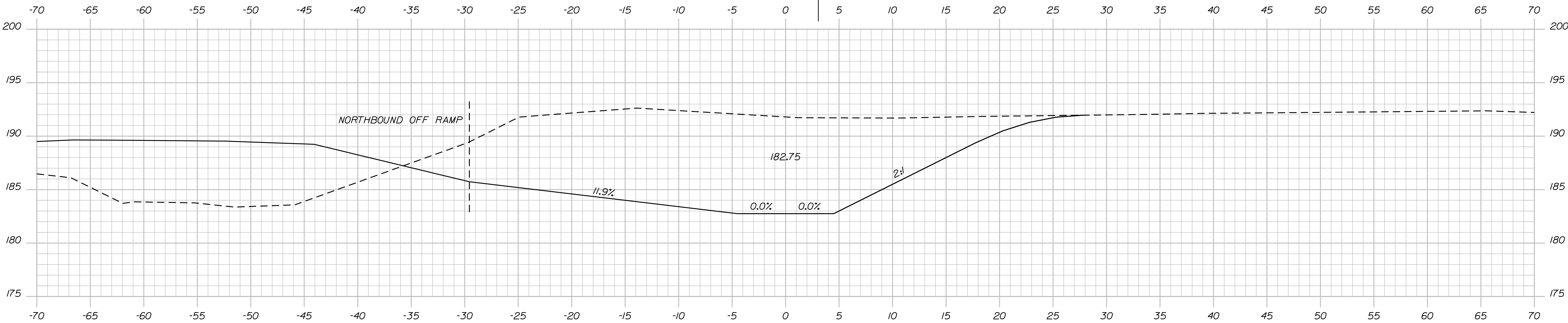
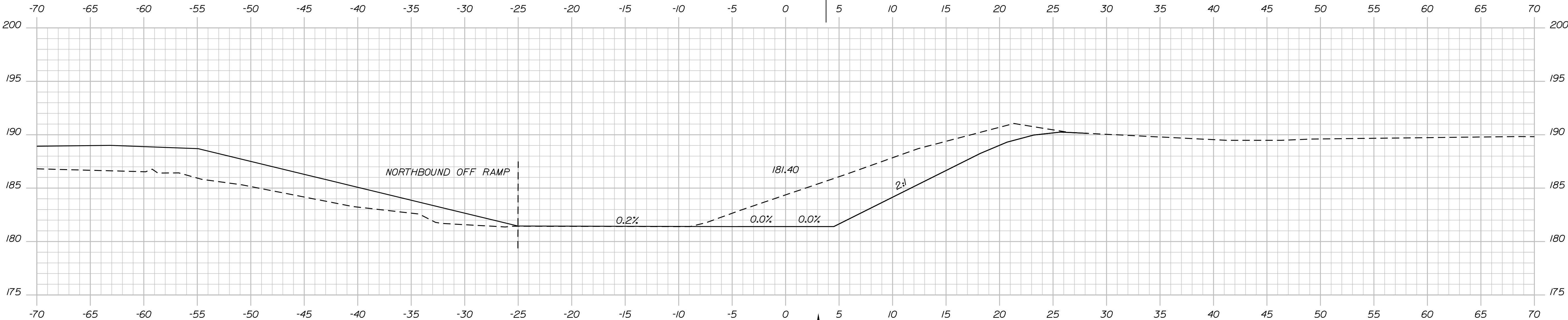
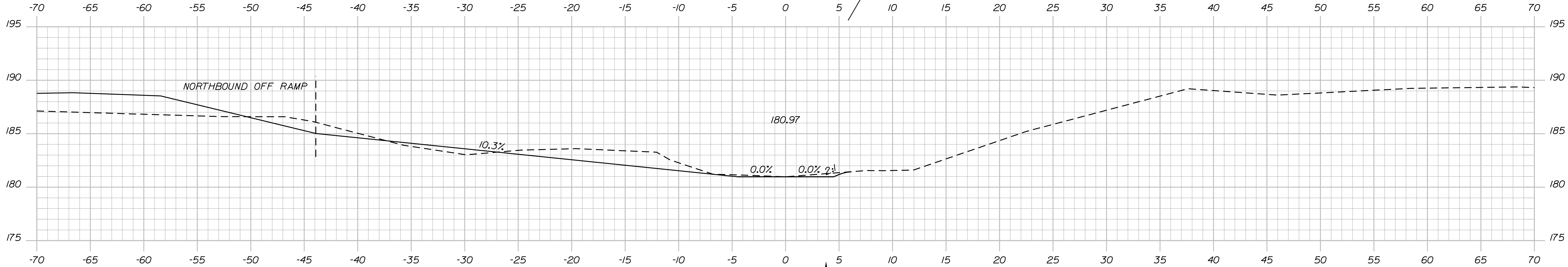
<div> <div> <div>139</div> <div>OF 182</div> </div> <div>SHEET NUMBER</div> </div>	<div>WATERVILLE AND SIDNEY</div> <div>TRAFTON ROAD INTERCHANGE</div>		<div>PROJ. MANAGER</div> <div>\$PROJMANAGER\$</div>		<div>BY</div> <div>\$BY\$</div>	<div>DATE</div> <div>\$DATE\$</div>	<div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div>
	<div>DESIGN DETAIL NO.</div> <div>\$DESIGNDET\$</div>		<div>DESIGNED BY</div> <div>\$DESIGNEDBY\$</div>		<div>SIGNED</div> <div>\$SIGNED\$</div>	<div>SIGNATURE</div>	
	<div>DESIGNED-REVIEWED</div> <div>\$DESIGNEDREV\$</div>		<div>DESIGNED-REVIEWED</div> <div>\$DESIGNEDREV\$</div>		<div>DATE</div> <div>\$DATE\$</div>		
	<div>DESIGN3-DETAIL NO.</div> <div>\$DESIGN3DET\$</div>		<div>DESIGN3-DETAIL NO.</div> <div>\$DESIGN3DET\$</div>		<div>DATE</div> <div>\$DATE\$</div>		
<div>REVISIONS 1</div> <div>\$REVISIONS1\$</div>		<div>REVISIONS 1</div> <div>\$REVISIONS1\$</div>		<div>REVISIONS 1</div> <div>\$REVISIONS1\$</div>		<div>P. L. NUMBER</div>	<div>WIN</div> <div>18129.10</div> <div>HIGHWAY PLANS</div>
<div>REVISIONS 2</div> <div>\$REVISIONS2\$</div>		<div>REVISIONS 2</div> <div>\$REVISIONS2\$</div>		<div>REVISIONS 2</div> <div>\$REVISIONS2\$</div>		<div>DATE</div>	
<div>REVISIONS 3</div> <div>\$REVISIONS3\$</div>		<div>REVISIONS 3</div> <div>\$REVISIONS3\$</div>		<div>REVISIONS 3</div> <div>\$REVISIONS3\$</div>		<div>DATE</div>	
<div>REVISIONS 4</div> <div>\$REVISIONS4\$</div>		<div>REVISIONS 4</div> <div>\$REVISIONS4\$</div>		<div>REVISIONS 4</div> <div>\$REVISIONS4\$</div>		<div>DATE</div>	
<div>CROSS SECTIONS</div>		<div>CROSS SECTIONS</div>		<div>CROSS SECTIONS</div>		<div>FIELD CHANGES</div> <div>\$FIELDCHANGES\$</div>	<div>DATE</div>

Date:4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \MSTA\140\_XSECT\_DITCH01.dgn

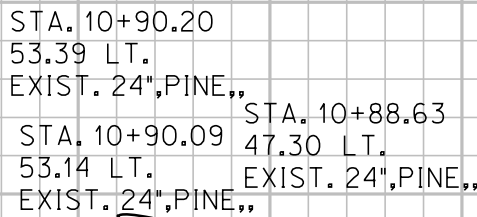


STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	
18129.10	
HIGHWAY PLANS	

PROJECT MANAGER		DATE
DESIGN-DETAILED		BY
CHECKED-REVIEWED		DATE
DESIGN-DETAILED		BY
REVISIONS 1		DATE
REVISIONS 2		BY
REVISIONS 3		DATE
REVISIONS 4		BY
FIELD CHANGES		DATE

WATERVILLE AND SIDNEY	
TRAFTON ROAD INTERCHANGE	
CROSS SECTIONS	

SHEET NUMBER	
140	
OF 182	



141	SHEET NUMBER	WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER		\$PROJMANAGER\$	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
				DESIGN-DETAILED		\$designer1\$	\$date1\$		
				CHECKED-REVISED					
				DESIGN2-DETAILED2		\$designer2\$	\$date2\$		
				DESIGN3-DETAILED3		\$designer3\$	\$date3\$		
				REVISIONS 1			P.E. NUMBER		
				REVISIONS 2					
				REVISIONS 3		\$revision3\$	\$revision2\$		
				REVISIONS 4		\$revision4\$	\$revision4\$		
				FIELD CHANGES		\$fieldchange\$	\$fielddate\$	DATE	
CROSS SECTIONS		WIN 18129.10						HIGHWAY PLANS	



GENERAL NOTES

1. CONDUIT RUNS ARE SHOWN APPROXIMATE. LOCATIONS MAY BE ADJUSTED TO MATCH EXISTING AND PROPOSED CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL VISIT THE JOB SITE WITH THE CONTRACT DOCUMENTS AND INVESTIGATE ALL CONDITIONS AFFECTING THIS WORK. THE CONTRACTOR SHALL BE FAMILIAR WITH THE LOCATION AND SITE OF THE WORK, AND SHALL VERIFY DIMENSIONS, QUANTITIES, ACTUAL INSTALLATION CONDITIONS, CONFLICTS, AND STORAGE FACILITIES.
3. OFFSET DISTANCE IS DEFINED ON TYPICAL LIGHT POLE AND HANDHOLE LAYOUT DETAILS THIS SHEET.
4. ALL WIRING IN THE HANDHOLES, PANELBOARDS AND CABINETS SHALL BE PERMANENTLY LABELED AND NEATLY INSTALLED.
5. ALL CONDUIT AND EQUIPMENT TO BE INSTALLED AND GROUNDED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, MAINE ELECTRICAL CODE AND APPLICABLE LOCAL CODES.
6. ALL EQUIPMENT AND MATERIALS SHALL BE UL LISTED FOR ITS INTENDED PURPOSE.
7. WIRE SIZES SHALL BE BASED ON AMERICAN WIRE GAUGE (AWG), AS APPLIED TO COPPER CONDUCTORS. THE CONDUCTOR INSULATION SHALL BE TYPE THW.
8. WIRE AND CABLE FURNISHED AND USED SHALL BE NEW. WIRE AND CABLE SHALL BE PROTECTED FROM WEATHER AND DAMAGE DURING STORAGE AND HANDLING.
9. THE CONTRACTOR SHALL CAREFULLY MARK THE PROPOSED LOCATION OF THE CONCRETE FOUNDATION AND THEN SHALL DETERMINE IF ANY UTILITIES, OR UNDERGROUND OR OVERHEAD OBSTRUCTION WILL PREVENT THE INSTALLATION AT THIS LOCATION. SIMILAR MARKING SHALL BE DONE FOR THE CONDUIT RUNS TO THE FOUNDATION. IF SUCH AN OBSTRUCTION IS EVIDENT, THE CONTRACTOR SHALL REQUEST PERMISSION FROM THE RESIDENT ENGINEER TO MOVE OR ADJUST THE LOCATION OF THE FOUNDATION.
10. ELECTRICAL SERVICE TO EACH LIGHTING CONTROL CABINET WILL BE PROVIDED BY THE ELECTRIC UTILITY. CONTRACTOR SHALL PROVIDE CONDUIT AND WIRE UP POLE WITH ENOUGH SLACK FOR SERVICE CONNECTION. CONTRACTOR SHALL COORDINATE WITH THE MAINE DOT AND THE ELECTRIC UTILITY FOR SERVICE CONNECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRIC SERVICE CONNECTION AND RELATED FEES FROM THE UTILITY.

ABBREVIATIONS:

A	AMPERE
AWG	AMERICAN WIRE GAUGE
BRGS	BEARINGS
C	CONDUIT
CKT, CKTS	CIRCUIT, CIRCUITS
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CONC	CONCRETE
CONN.	CONNECTOR
DCR	DEPARTMENT OF CONSERVATION AND RECREATION
ELEC.	ELECTRIC
EMH	ELECTRIC MANHOLE
EOP	EDGE OF PAVEMENT
EXP	EXPANSION
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HH	HANDHOLE
HLLC	HIGHWAY LIGHTING LOAD CENTER
HMA	HOT MIX ASPHALT
ITS	INTELLIGENT TRANSPORTATION SYSTEM
LC	LIGHTING CIRCUIT
MIN.	MINIMUM
NB.	NORTHBOUND
O.C.	ON CENTER
PROP	PROPOSED
P	POLE
PVC	POLYVINYL CHLORIDE
R&D	REMOVE AND DISPOSE
R&T	REMOVE AND TRANSPORT
RC	RECEPTACLE CIRCUIT
RM	RIGID METAL
RGS	RIGID GALVANIZED STEEL
RTE	ROUTE
SCH.	SCHEDULE
SDWK	SIDEWALK
SPST	SINGLE POLE SINGLE THROW
SPDT	SINGLE POLE DOUBLE THROW
SB.	SOUTHBOUND
TYP.	TYPICAL
VMS	VARIABLE MESSAGE SIGN
V	VOLT
W	WATT / WHITE-NEUTRAL
W/	WITH

11. UNLESS OTHERWISE NOTED, CONDUIT SHALL BE AS FOLLOWS:

ALL DIRECT BURIED CONDUIT SHALL BE SCH. 80 UNDER ROADWAYS AND SCH. 40 IN OTHER LOCATIONS. CONDUIT SHALL BE INSTALLED WITH APPROVED METALLIC DETECTABLE WARNING TAPE.

ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.

2" C BETWEEN LIGHTING HANDHOLES

2" C BETWEEN LIGHTING HANDHOLE AND LIGHTING CONTROLLER

2" C FROM HANDHOLE TO LIGHT POLE FOUNDATION (IN GROUND)

2" RGS CONDUIT EXPOSED AT BRIDGE CROSSINGS.

12. ALL WIRE SHALL BE CONTINUOUS FROM POLE TO POLE WITHOUT RUNNING SPLICES IN CONDUITS. ALL WIRES SHALL EXTEND 2 FEET ABOVE THE HANDHOLE. THERE SHALL BE NO SPLICES IN ANY JUNCTION BOX OR PULL BOX.

13. THE HOT LINE(S) AND NEUTRAL CONNECTION IN THE POLE HANDHOLE SHALL BE WITH AN APPROVED STREET LUMINAIRE FUSE CONNECTOR.

14. PROVIDE EXPANSION FITTINGS IN ALL CONDUIT RUNS ON STRUCTURES AT EXPANSION JOINTS.

15. THE LOCATIONS OF EXISTING SUBSURFACE UTILITIES SHOWN ON THE PLANS WERE COMPILED FROM AVAILABLE RECORD DRAWINGS AND ARE NOT WARRANTED TO BE CORRECT. THE LOCATIONS ARE APPROXIMATE ONLY AND IN SOME CASES MAY BE INCOMPLETE. THE CONTRACTOR SHALL NOTIFY ALL AGENCIES REQUIRED AND VERIFY THE LOCATION OF ALL EXISTING SUBSURFACE UTILITIES PRIOR TO PERFORMING ANY WORK.

16. THE CONTRACTOR SHALL MAINTAIN AREAS IN AND AROUND THE WORK ZONE FREE AND CLEAR OF DEBRIS AT ALL TIMES. NO STOCK PILING OF EQUIPMENT OR MATERIAL SHALL BE PERMITTED OUTSIDE OF FIXED WORK ZONES.

17. THE CONTRACTOR SHALL INSTALL OTHER NECESSARY TEMPORARY REGULATORY AND WARNING SIGNS DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER FOR OTHER INCIDENTAL CONSTRUCTION ACTIVITIES. ALL SIGNAGE AND TRAFFIC CONTROL DEVICES USED MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.

18. POLE FOUNDATIONS SHALL BE STANDARD DETAIL 626(03), ITEM 626.332, 30-INCH DIAMETER, GREATER THAN 8-FEET LONG, AND ALL 36-INCH AND 42-INCH DIAMETER FOUNDATIONS.

19. HANDHOLES SHALL BE STANDARD DETAIL 626(09), ITEM 626.11.

20. SERVICE POLE SHALL BE STANDARD DETAIL 634(01) AND AS DETAILED IN STANDARD SPECIFICATION PARAGRAPHS 715.10 AND 715.11.

21. CONTROL CABINET CIRCUITING SHALL BE STANDARD DETAIL 634(02).

22. CONDUIT TRENCH SHALL BE STANDARD DETAIL 626(07) AND AS DETAILED IN STANDARD SPECIFICATION PARAGRAPH 626.031.

23. ALL CONNECTIONS MADE IN THE POLES SHALL HAVE ENOUGH SLACK TO ALLOW REMOVAL OF THE FUSE HOLDERS FROM THE HANDHOLE FOR THE REPLACEMENT OF FUSES.

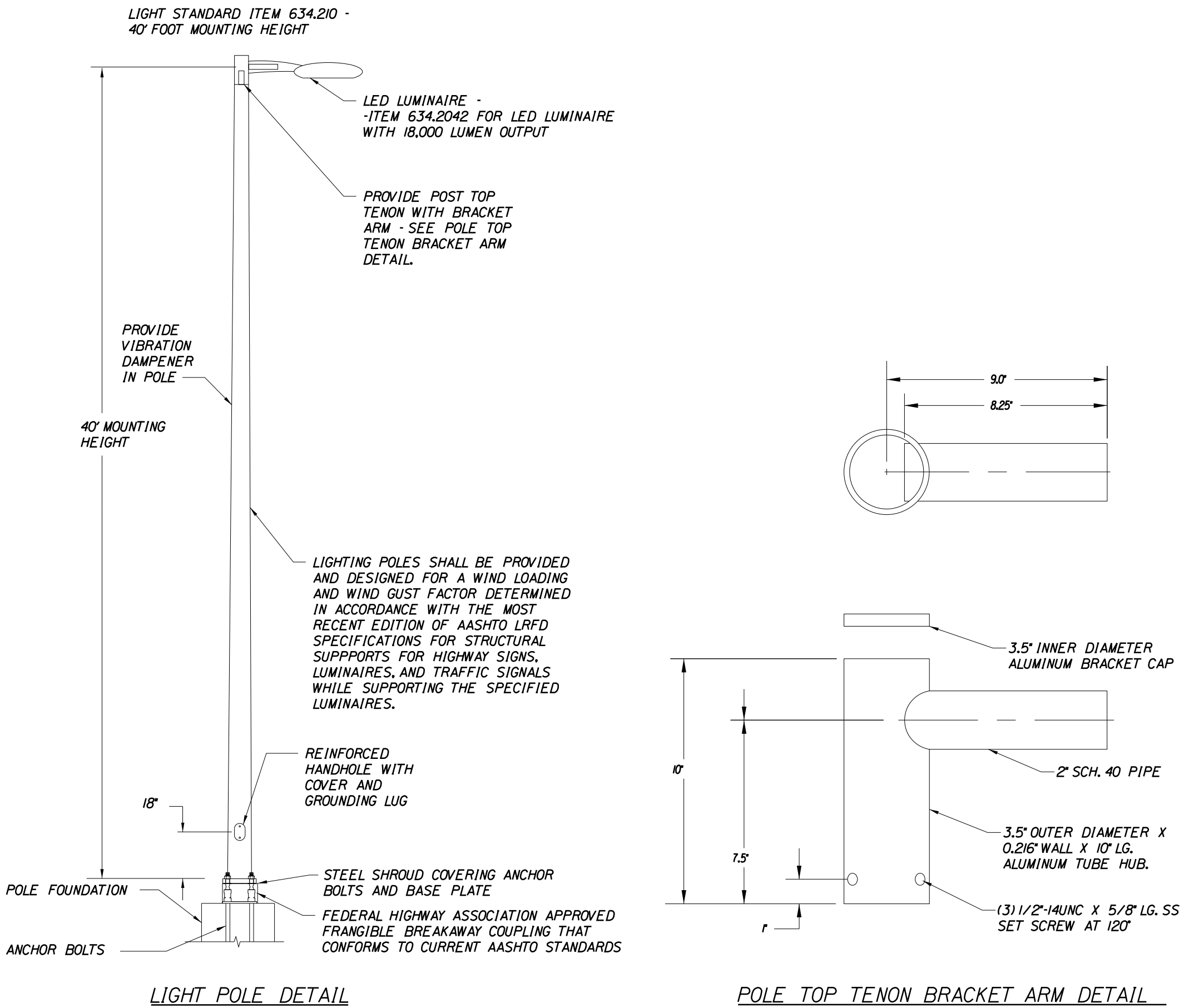
24. BREAKAWAY DEVICES MUST DISCONNECT BOTH HOT CONDUCTORS SIMULTANEOUSLY. BREAKAWAY DEVICES FOR POLES WITH ANCHOR BOLTS WILL HAVE A MANUFACTURER SUPPLIED REACTION PLATE JUST BELOW THE BREAKAWAY POINT TO DISTRIBUTE ENERGY EVENLY TO ALL ANCHOR BOLTS.

LIGHTING LEGEND

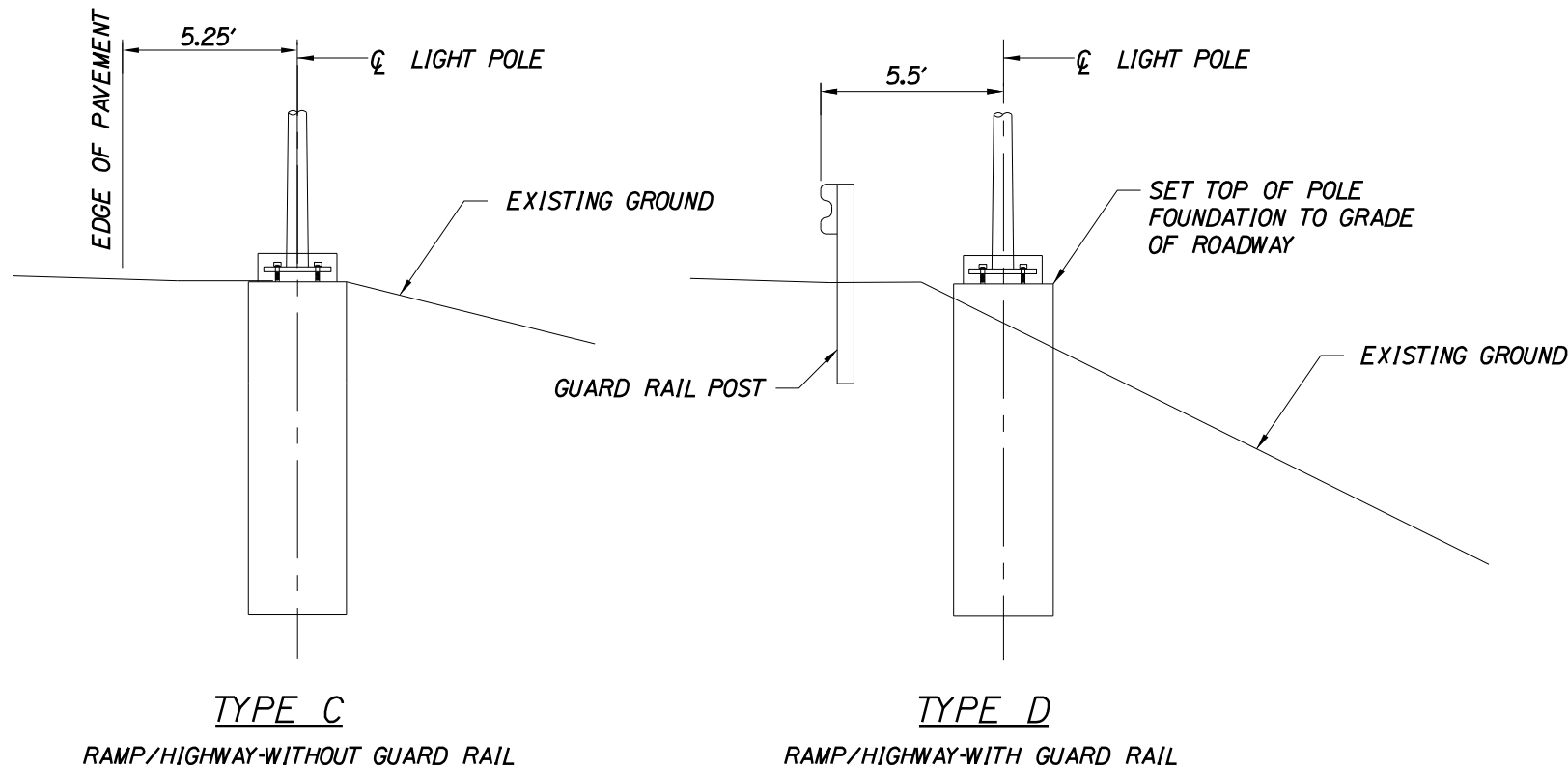
	UNDERGROUND PVC CONDUITS AND WIRING TO BE INSTALLED AS INDICATED ON THE DETAILS
	NEW POLE FOUNDATION, POLE AND SINGLE LUMINAIRE.
	HANDHOLE - ITEM NO 626.11 PRECAST JUNCTION BOX

LUMINAIRE INFORMATION BOX

LIGHT POLE NUMBER	NR2	40'	POLE HEIGHT
IESNA DISTRIBUTION TYPE	III	18,000	LUMEN OUTPUT
LIGHTING CIRCUIT FROM CONTROL CABINET	CKT A	TENON	MOUNTING - ARM LENGTH OR POST TOP TENON
	STA 2012+75		STATION NUMBER



LIGHT POLE DETAIL - NEW INSTALLATION  
NOT TO SCALE



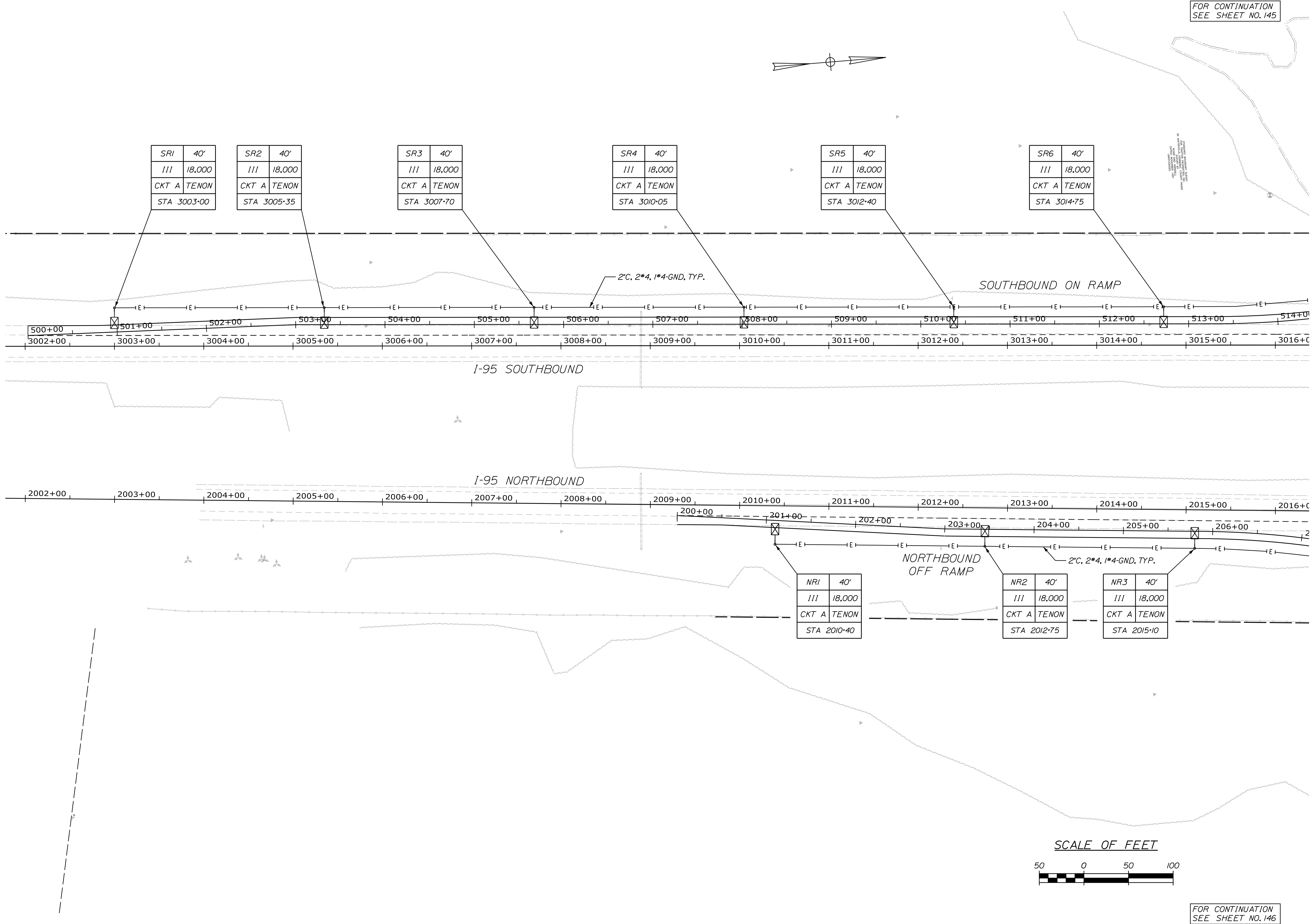
TYPICAL LIGHT POLE LAYOUT DETAILS  
NOT TO SCALE

Date:4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \MSTA\143\_LIGHTING\_PLAN01.dgn



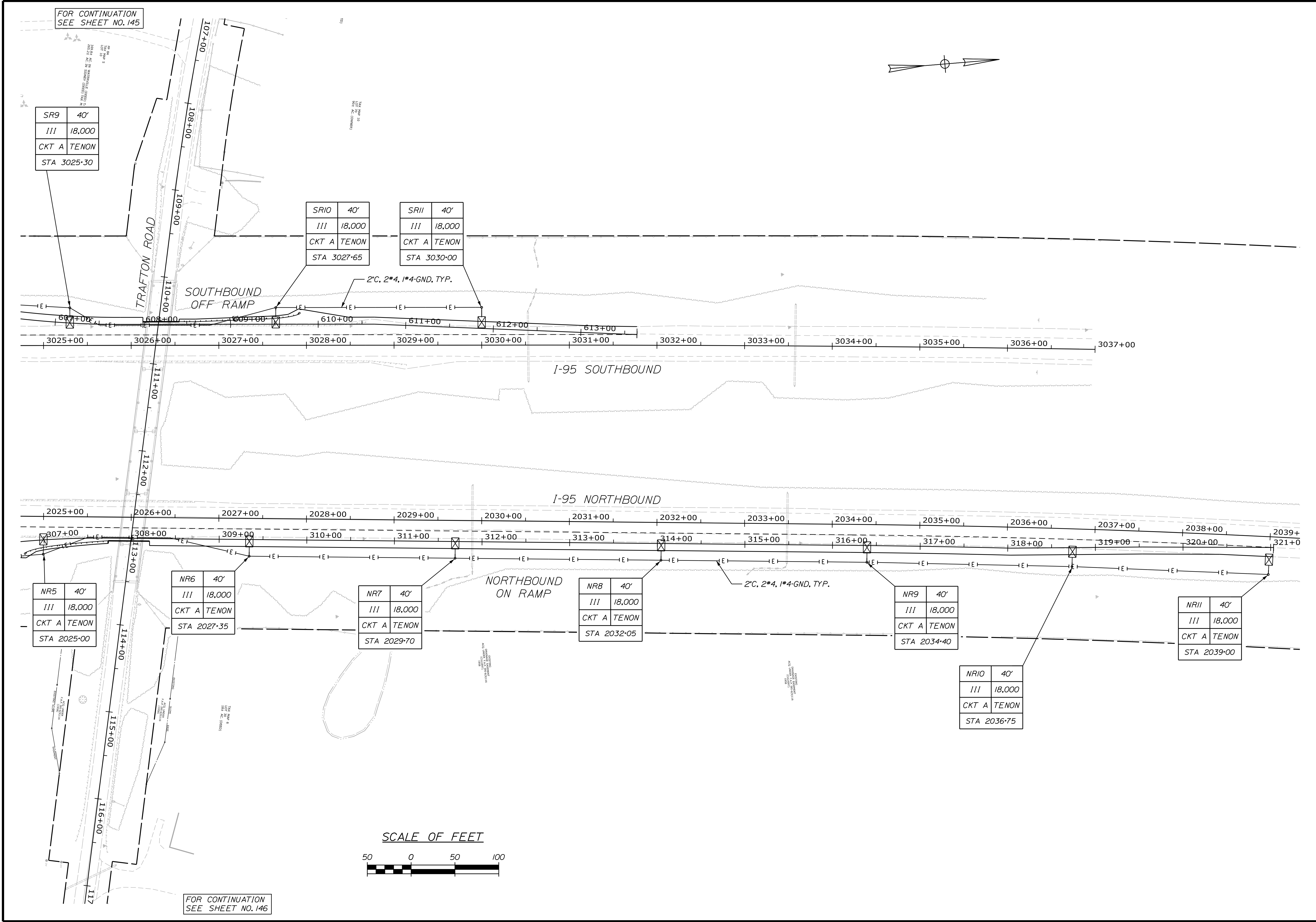
PROJ. MANAGER	DATE	BY	SIGNATURE
E. MARTIN			
CHECKED-REVIEWED			
DESIGN-DETAILED			
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date:4/27/2016

Username: mdebowski

Division: HIGHWAY

Filename: ... \MSTA\144\_LIGHTING\_PLAN02.dgn



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

PROJ. MANAGER	DATE	BY	SIGNATURE
E. MARTIN			
CHECKED-DETAILED			
DESIGNED-DETAILED			
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

LIGHTING PLANS

SHEET NUMBER  
144  
OF 182

WIN  
18125.10  
HIGHWAY PLANS

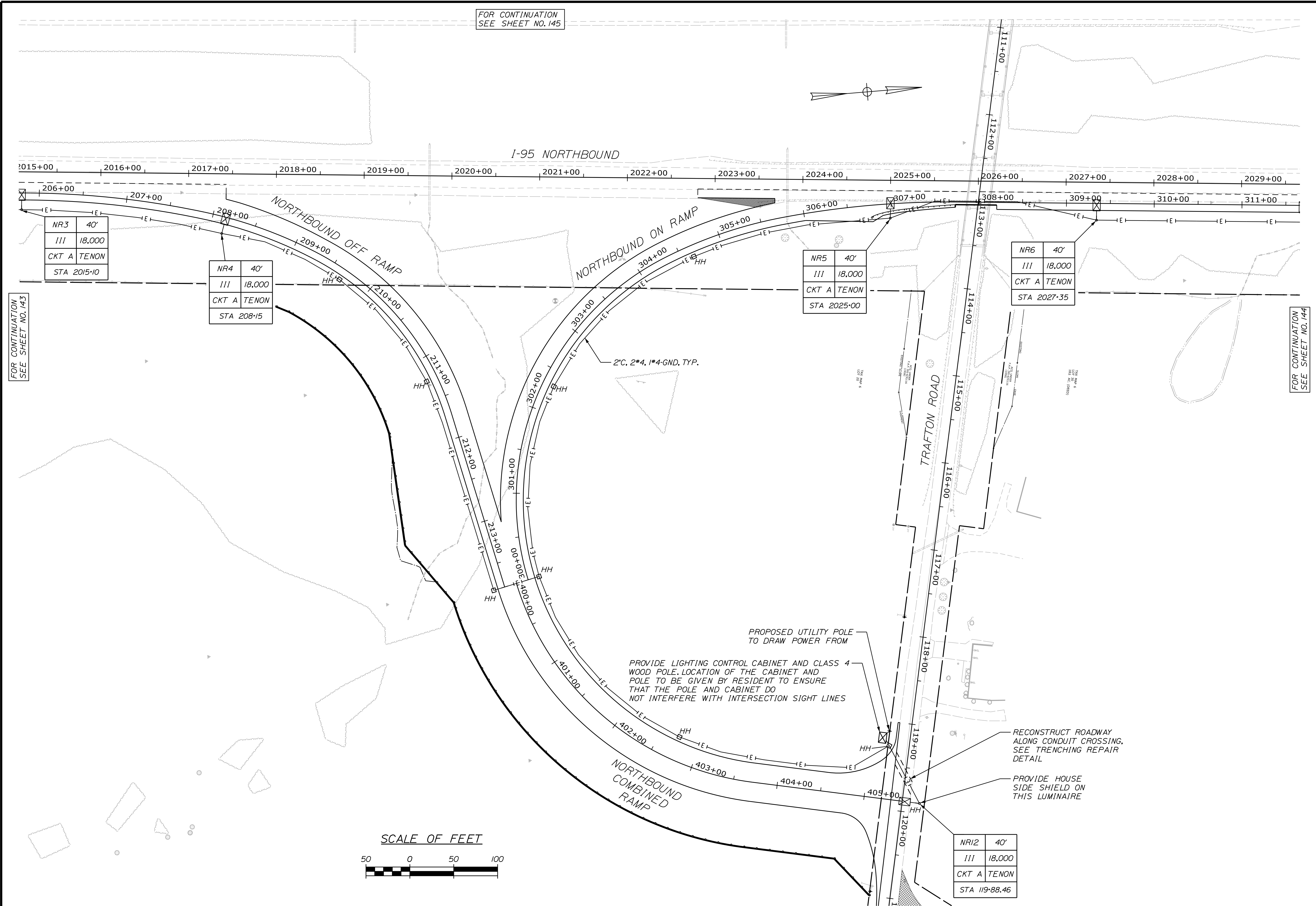




SR10	40'
III	18,000
CKT A	TENON
STA 3027+65	

SRI2	40'
III	18,000
CKT A	TENON
STA 104+96.29	

<div>145</div> <div>OF 182</div>		<div>SHEET NUMBER</div>		<div>WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE</div>		<div>PROJ. MANAGER E. MARTIN</div>		<div>BY</div>		<div>DATE</div>		<div>STATE OF MAINE DEPARTMENT OF TRANSPORTATION</div>	
						<div>CHECKED-REVIEWED</div>		<div>M. DEBOWSK</div>		<div>SIGNATURE</div>			
						<div>DESIGN2-DETAILED2</div>		<div>S. RABAILIS</div>					
						<div>DESIGN3-DETAILED3</div>		<div>R. LEMIRE</div>					
						<div>REVISIONS 1</div>							
						<div>REVISIONS 2</div>							
										<div>REVISIONS 3</div>			
										<div>REVISIONS 4</div>			
										<div>FIELD CHANGES</div>			
										<div>DATE</div>		<div>WIN 18129.10</div>	
												<div>HIGHWAY PLANS</div>	



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

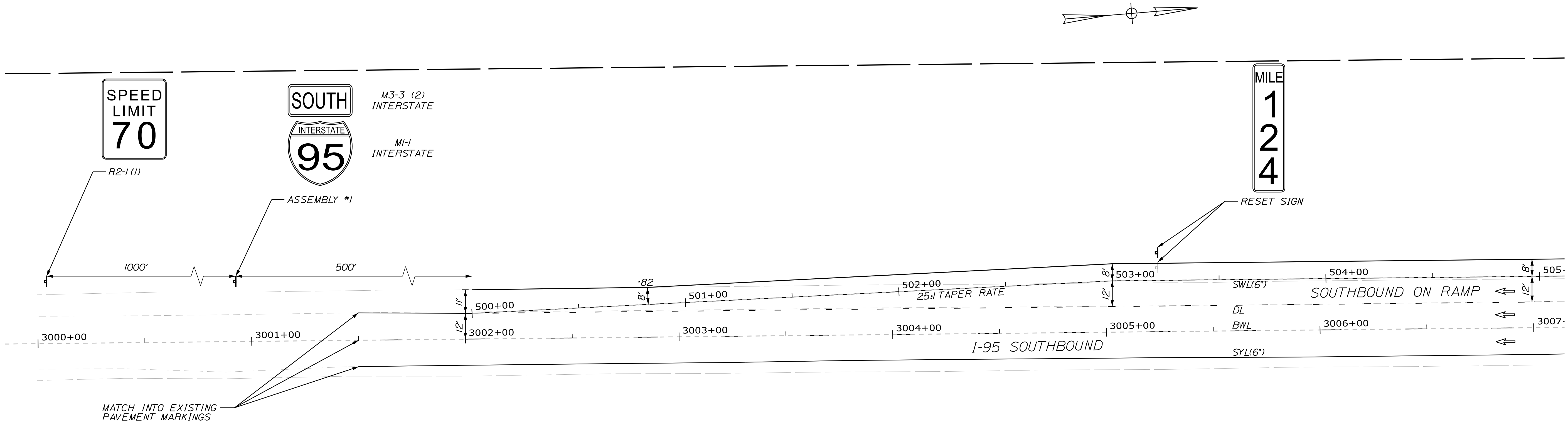
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**146**  
OF 182

LIGHTING PLANS

WIN  
18129.10  
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-DESIGNED	M. DEBOWSKI		
DESIGNED-REVIEWED	S. BABIUS	SIGNATURE	
DESIGNED-REVIEWED	R. LEMIRE	P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

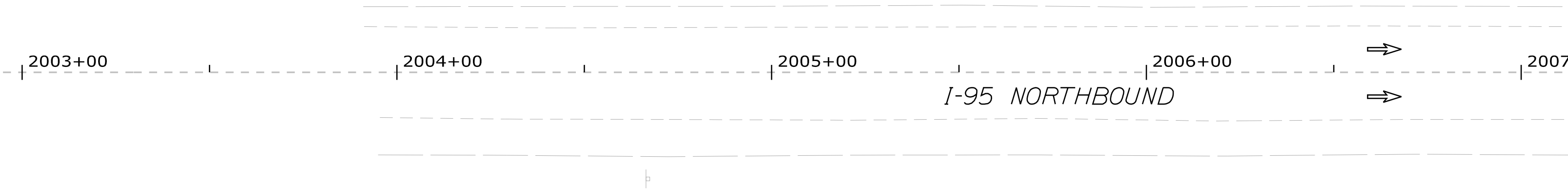


NOTES:

1. ALL WORK TO CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES AND STANDARD DETAILS
2. ALL PROPOSED WORK SHALL BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AND "STANDARD HIGHWAY SIGNS", U.S.D.O.T., F.H.W.A. LATEST EDITION.
3. PAYMENT FOR REMOVAL OF EXISTING SIGNS SHALL BE INCIDENTAL TO OTHER SIGNING ITEMS.
4. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS (INCIDENTAL TO 627 ITEMS).
5. STRIPING SHOWN ON THE PLANS IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL STRIPING SHALL BE DETERMINED IN THE FIELD, AS DIRECTED BY THE RESIDENT TRAFFIC ENGINEER.

LEGEND

SWL(6")	SOLID WHITE 6" LINE	---	CENTERLINE
SYL(6")	SOLID YELLOW 6" LINE	↩	LEFT ARROW PAVEMENT MARKING
DYL(6")	DOUBLE YELLOW 6" LINE	↪	RIGHT ARROW PAVEMENT MARKING
SWL	SOLID WHITE 4" LINE	ONLY	"ONLY" PAVEMENT MARKING
SYL	SOLID YELLOW 4" LINE	↩	DIRECTIONAL FLOW ARROW
DYL	DOUBLE YELLOW 4" LINE		
BWL	BROKEN WHITE 6" LINE (10' LINE & 30' GAP)		
DL	DOTTED WHITE 6" LINE (3' LINE & 9' GAP)		
WGL	WHITE GORE LINES (12")		
SL	STOP LINE (24")		
⏏	EXISTING SINGLE SIGN POST		
⏏	EXISTING DOUBLE SIGN POST		
⏏	PROPOSED SINGLE SIGN POST		



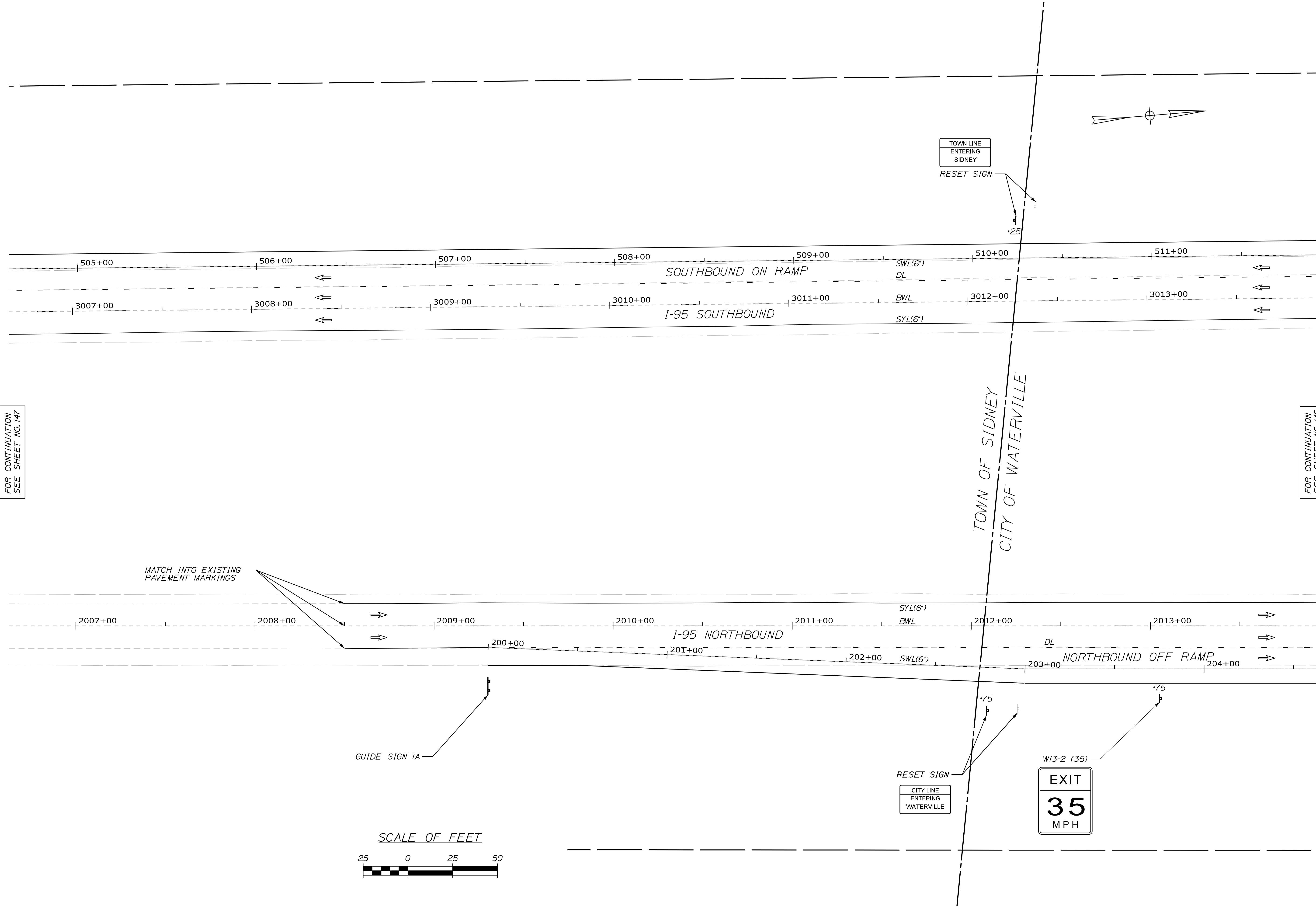
SCALE OF FEET



FOR CONTINUATION  
SEE SHEET NO. 148

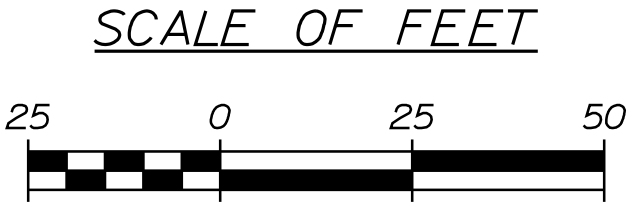
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE	
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		SIGNATURE		P.E. NUMBER		DATE	
SHEET NUMBER		147		OF 182		WIN 18125.10	
HIGHWAY PLANS							





FOR CONTINUATION  
 SEE SHEET NO. 147

FOR CONTINUATION  
 SEE SHEET NO. 149



CITY LINE  
 ENTERING  
 WATERVILLE

TOWN LINE  
 ENTERING  
 SIDNEY

EXIT  
 35  
 MPH

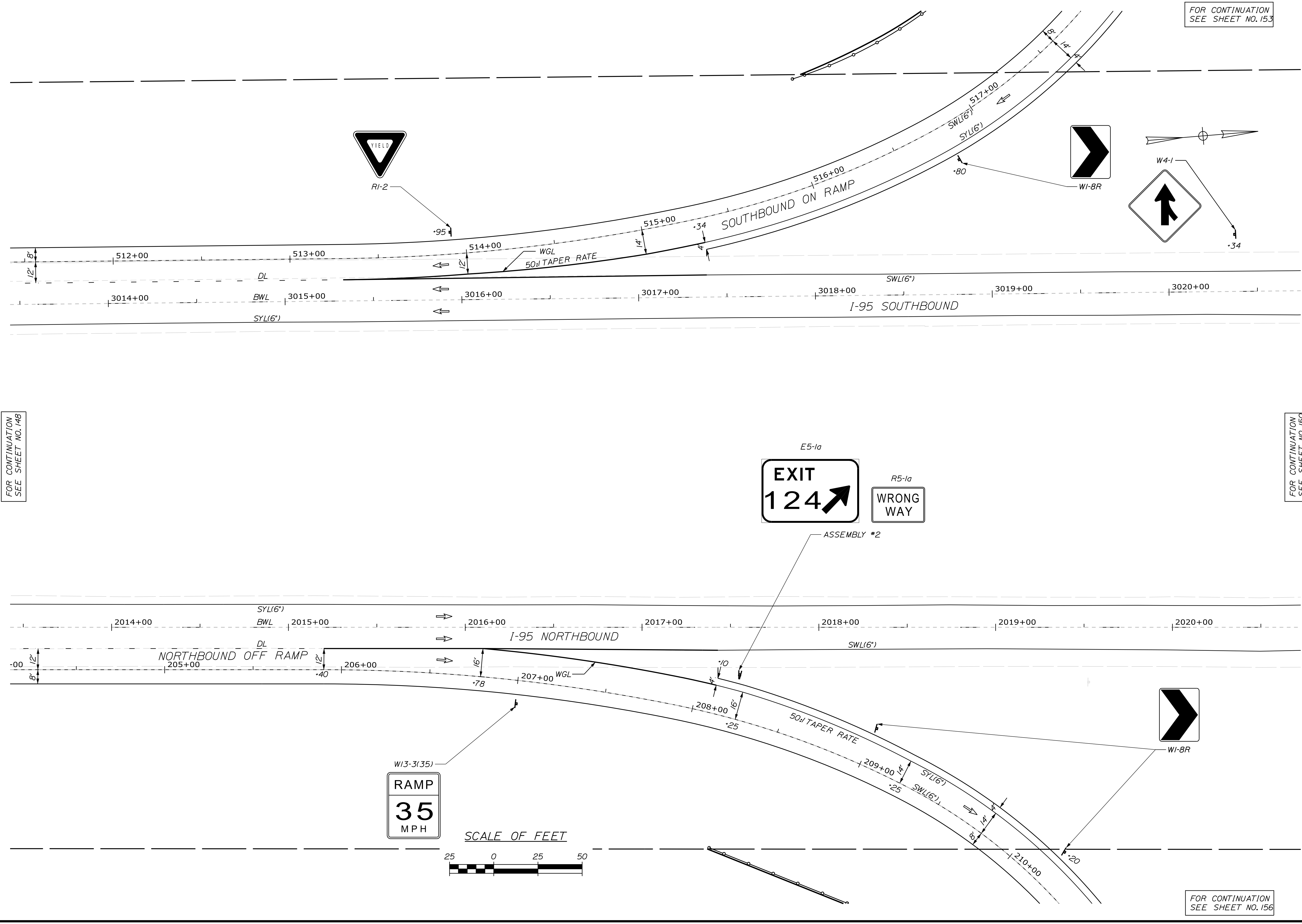
WATERVILLE AND SIDNEY  
 TRAFTON ROAD INTERCHANGE  
 SIGNS & PVMT. MARKINGS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 WIN  
 18129.10  
 HIGHWAY PLANS

SHEET NUMBER  
 148  
 OF 182

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGNED-DRAWN	S. BARAJIS		
DESIGNED-DRAWN	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**149**  
OF 182

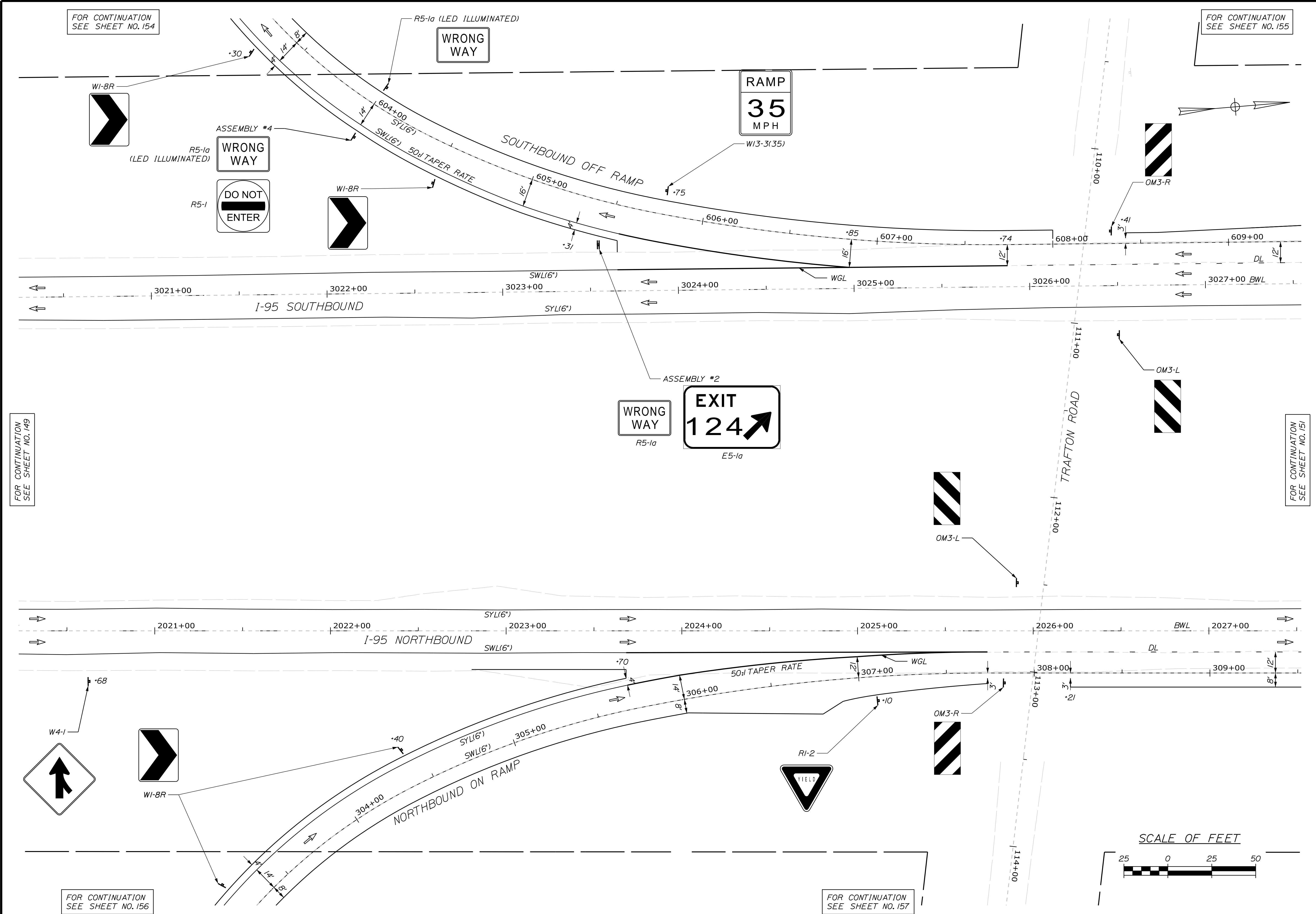
PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGNED-DETAILED	S. BARAJIS		
DESIGNED-DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

WIN  
18129.10  
HIGHWAY PLANS



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SHEET NUMBER  
**150**  
OF 182

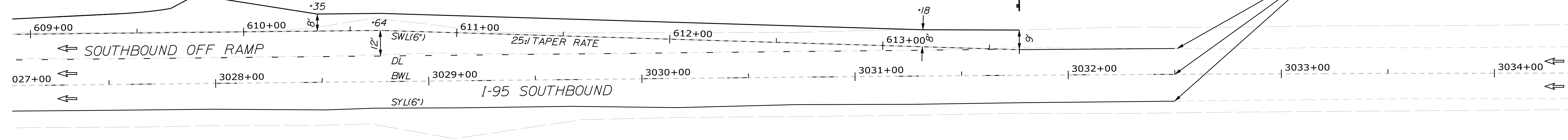
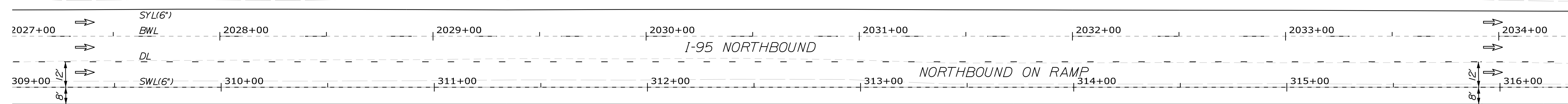
WIN  
18129.10

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	M. DEBOWSKI		
CHECKED-REVIEWED	S. BARAJIS		
DESIGN-DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE  
P.E. NUMBER  
DATE

FOR CONTINUATION  
SEE SHEET NO. 154FOR CONTINUATION  
SEE SHEET NO. 155FOR CONTINUATION  
SEE SHEET NO. 149FOR CONTINUATION  
SEE SHEET NO. 151FOR CONTINUATION  
SEE SHEET NO. 156FOR CONTINUATION  
SEE SHEET NO. 157SCALE OF FEET  
25 0 25 50



EXIT  
35  
MPH

W13-2 (35)

GUIDE SIGN 1B

MATCH INTO EXISTING  
PAVEMENT MARKINGS

SCALE OF FEET



PROJ. MANAGER  
E. MARTIN

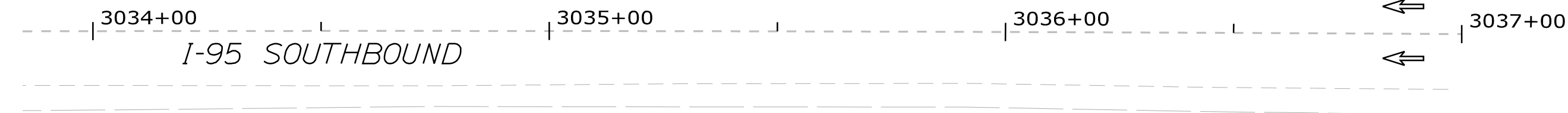
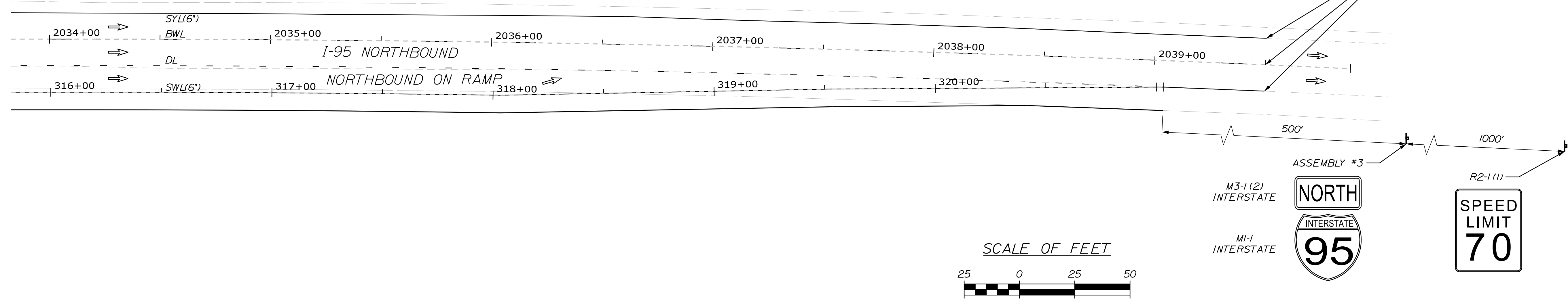
FOR CONTINUATION  
SEE SHEET NO. 150

FOR CONTINUATION  
SEE SHEET NO. 152

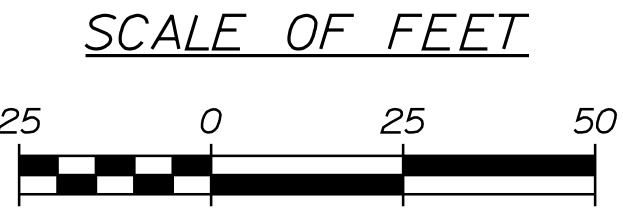
WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE  
SIGNS & PVMT. MARKINGS

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
WIN  
18129.10  
HIGHWAY PLANS

SHEET NUMBER  
151  
OF 182

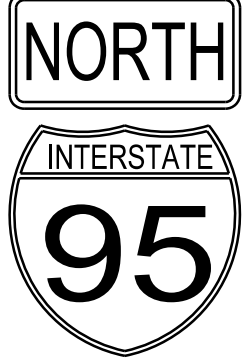


FOR CONTINUATION  
SEE SHEET NO. 151



M3-I (2)  
INTERSTATE

M1-I  
INTERSTATE



WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SIGNS & PVMT. MARKINGS

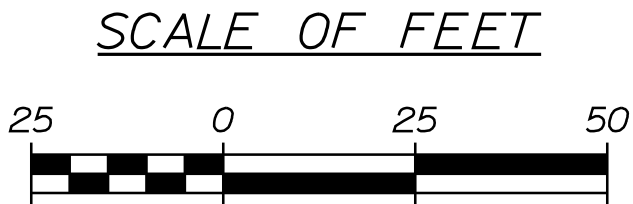
SHEET NUMBER

152

OF 182

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	18129.10
HIGHWAY PLANS	

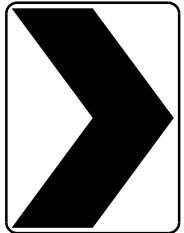
PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	M. DEBOWSKI		
CHECKED-REVIEWED	S. BARAJIS		SIGNATURE
DESIGN-DETAILED	R. LEMIRE		P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



FOR CONTINUATION  
SEE SHEET NO. 154



R4-7



W1-8R

FOR CONTINUATION  
SEE SHEET NO. 149

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SIGNS & PVMT. MARKINGS

SHEET NUMBER

153

OF 182

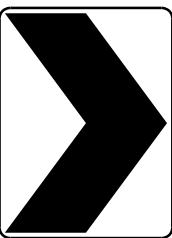
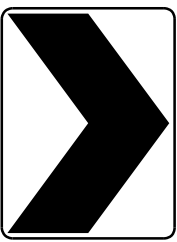
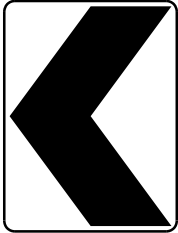
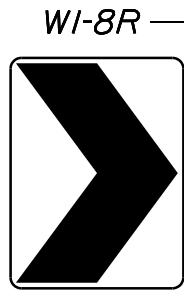
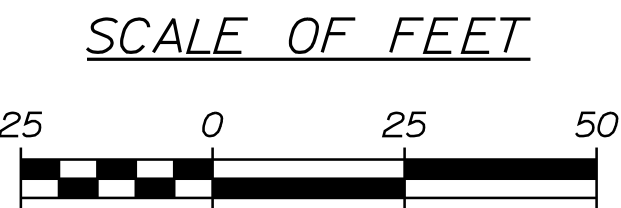
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WIN  
18129.10

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	M. DEBOWSKI		
DESIGNED-DETAILED	S. BARAJIS		SIGNATURE
DESIGNED-DETAILED	R. LEMIRE		P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			





Thomas College ⇨

DI-2(2)

FOR CONTINUATION  
SEE SHEET NO. 155

FOR CONTINUATION  
SEE SHEET NO. 153

INSTALL THERMAL DETECTION  
CAMERA (SPECIAL PROVISION  
643) STA. 603+35 37.0' RT

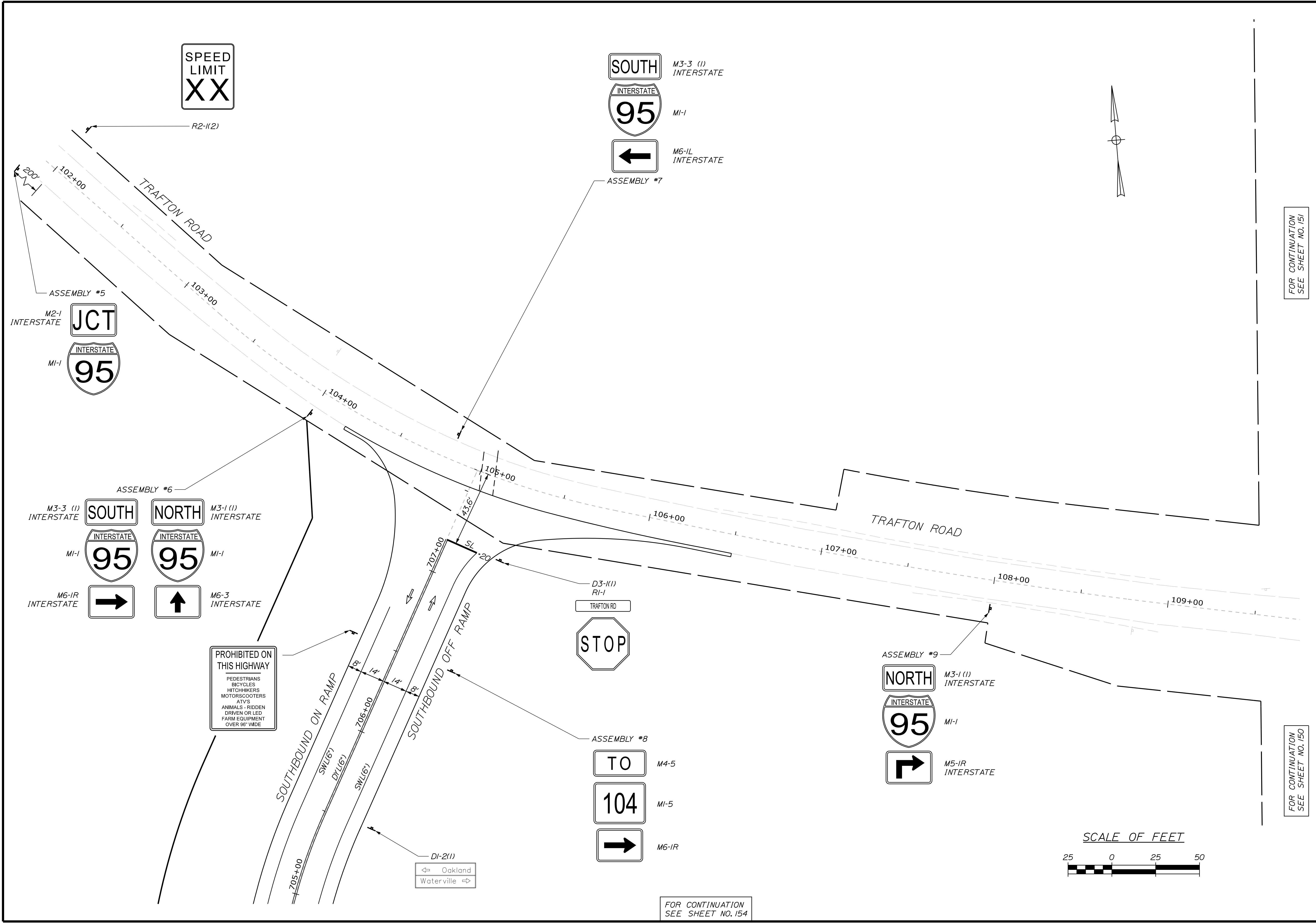
FOR CONTINUATION  
SEE SHEET NO. 150

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE  
SIGNS & PVMT. MARKINGS

SHEET NUMBER  
154  
OF 182

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE	
		P.E. NUMBER	
		DATE	
		WIN 18129.10	
		HIGHWAY PLANS	

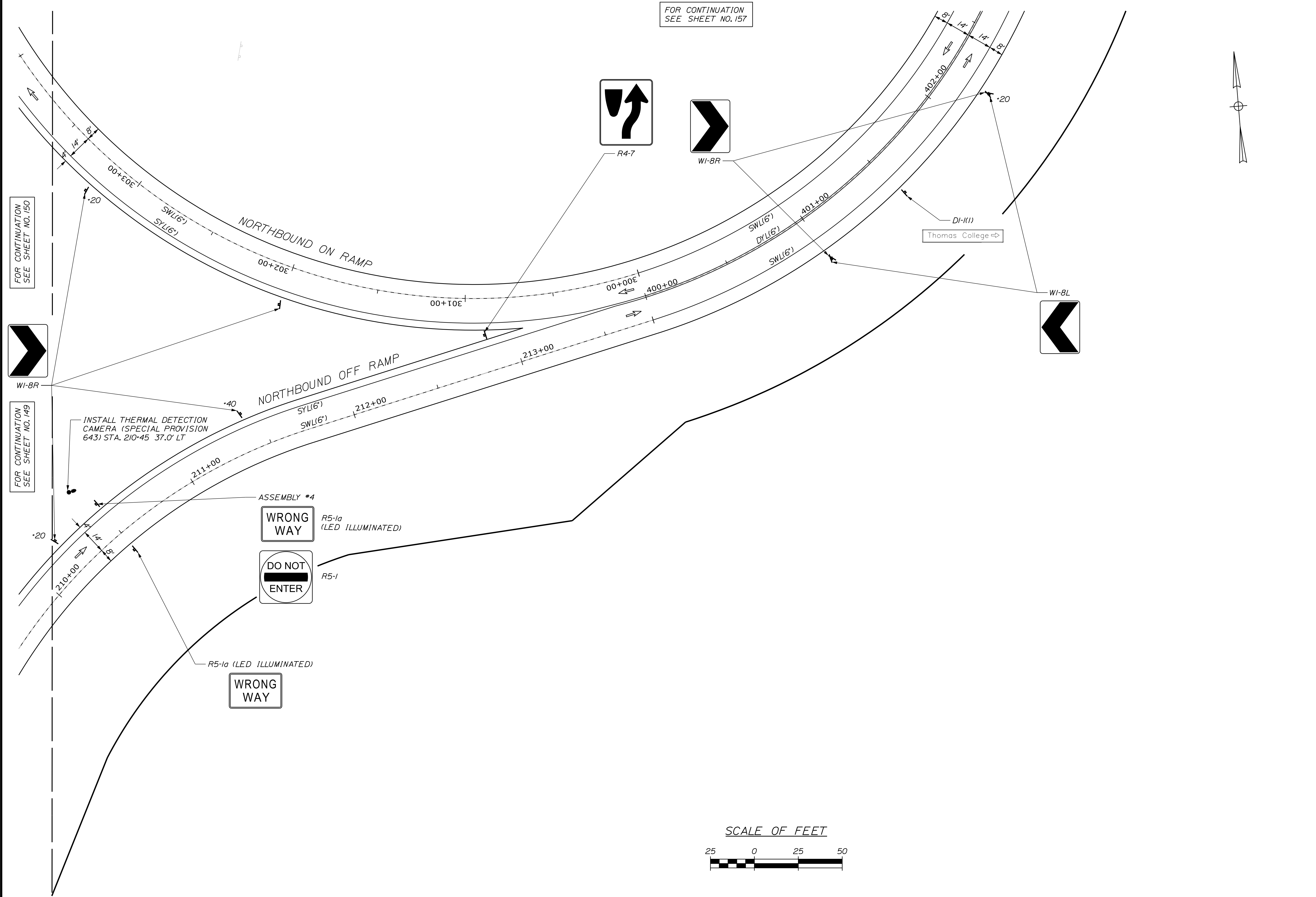
PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-DETAILED	M. DEBOWSKI		
DESIGNED-REVIEWED	S. BARAJIS		
DESIGNS DETAILED	R. LEMIRE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



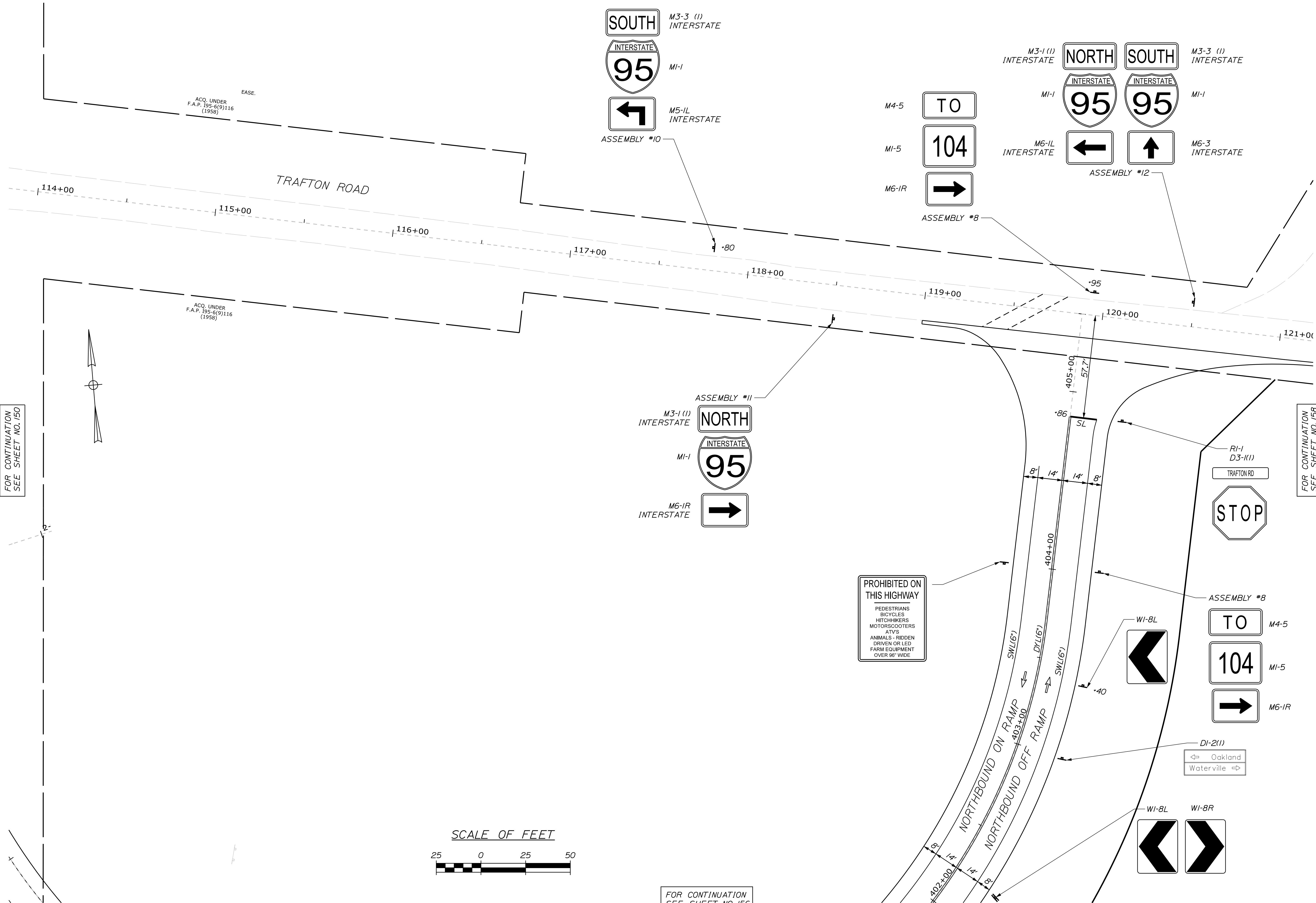
FOR CONTINUATION  
SEE SHEET NO. 151

FOR CONTINUATION  
SEE SHEET NO. 150

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		SIGNATURE P.E. NUMBER DATE	
SHEET NUMBER <b>155</b> OF 182		WIN 18129.10 HIGHWAY PLANS	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE		DATE
	P.E. NUMBER		
	DATE		
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE			
SIGNS & PVMT. MARKINGS			
SHEET NUMBER <b>156</b> OF 182			



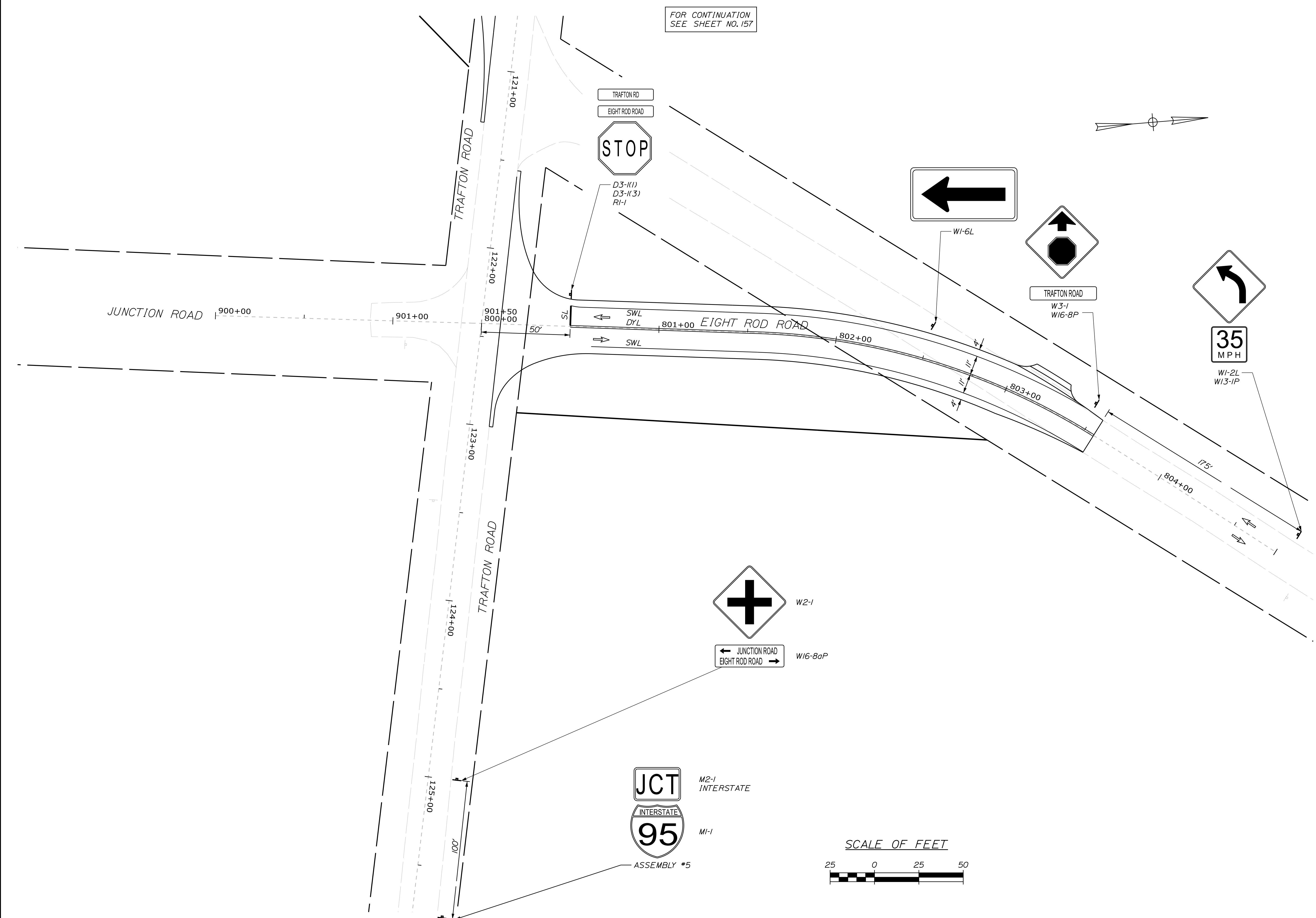
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

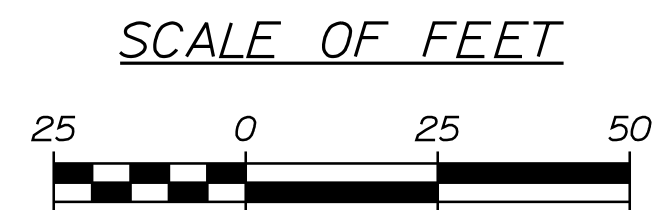
SHEET NUMBER  
**157**  
OF 182

DESIGN-DETAILED	BY	DATE	SIGNATURE
CHECKED-REVIEWED	E. MARTIN		
DESIGN-DETAILED	M. DEBOWSKI		
DESIGN-DETAILED	S. BARAJIS		
REVISIONS 1	DESIGN-DETAILED	R. LEMIRE	P.E. NUMBER
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			DATE

WIN  
18129.10  
HIGHWAY PLANS

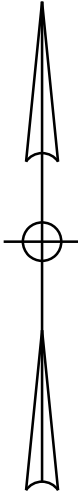
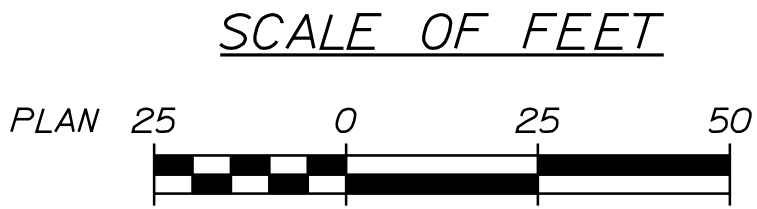
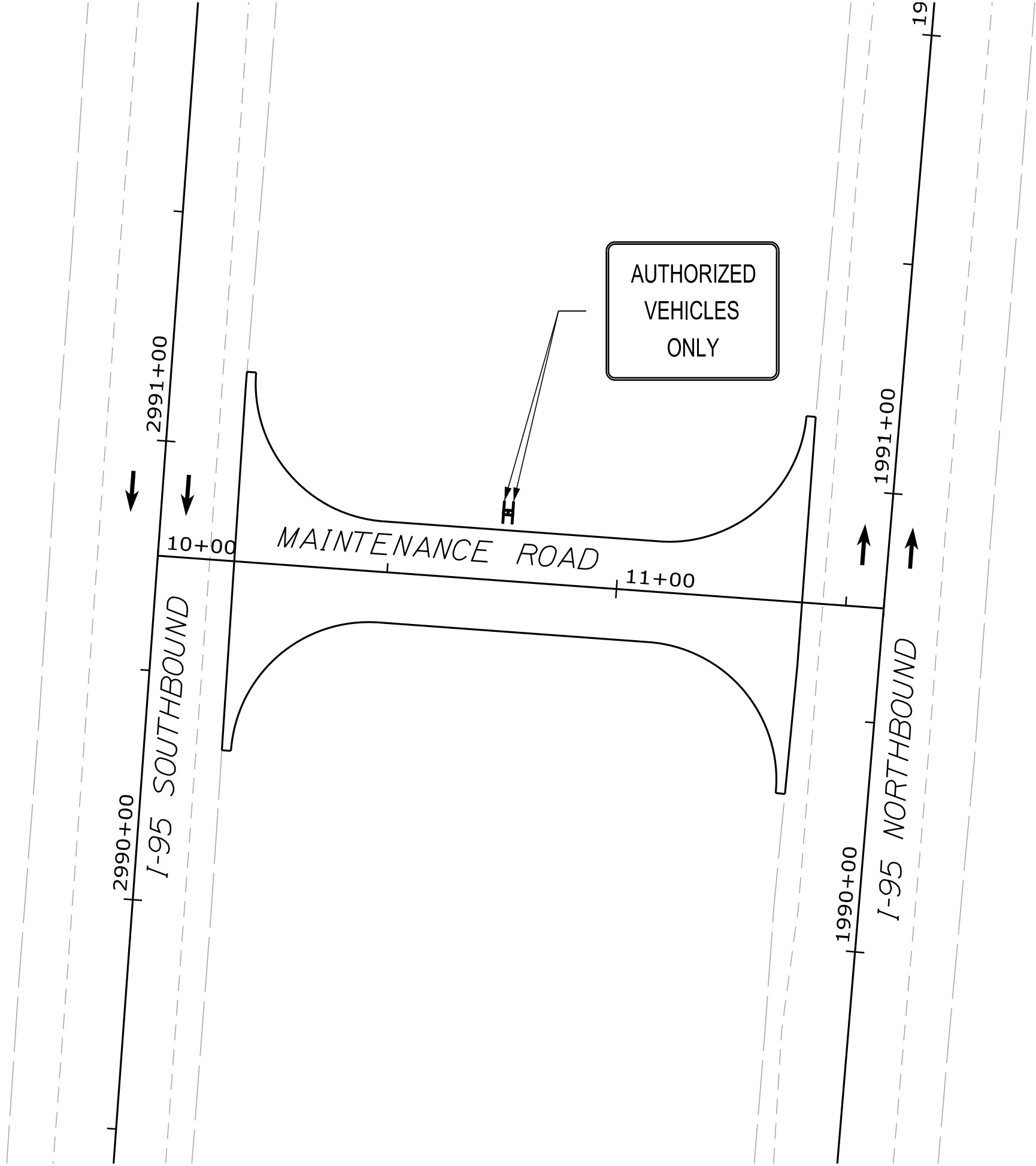


STATE OF MAINE DEPARTMENT OF TRANSPORTATION		<table><tr><td>DESIGN-DETAILED</td><td>E. MARTIN</td><td>BY</td><td>DATE</td><td rowspan="4">SIGNATURE</td></tr><tr><td>CHECKED-REVIEWED</td><td>M. DEBOWSKI</td><td></td><td></td></tr><tr><td>DESIGN-DETAILED</td><td>S. BARAJIS</td><td></td><td></td><td rowspan="2">P.E. NUMBER</td></tr><tr><td>REVISIONS 1</td><td>R. LEMIRE</td><td></td><td></td></tr><tr><td>REVISIONS 2</td><td></td><td></td><td></td><td>DATE</td></tr><tr><td>REVISIONS 3</td><td></td><td></td><td></td><td></td></tr><tr><td>REVISIONS 4</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="4">FIELD CHANGES</td><td></td></tr></table>				DESIGN-DETAILED	E. MARTIN	BY	DATE	SIGNATURE	CHECKED-REVIEWED	M. DEBOWSKI			DESIGN-DETAILED	S. BARAJIS			P.E. NUMBER	REVISIONS 1	R. LEMIRE			REVISIONS 2				DATE	REVISIONS 3					REVISIONS 4					FIELD CHANGES				
						DESIGN-DETAILED	E. MARTIN	BY	DATE		SIGNATURE																																
CHECKED-REVIEWED	M. DEBOWSKI																																										
DESIGN-DETAILED	S. BARAJIS			P.E. NUMBER																																							
REVISIONS 1	R. LEMIRE																																										
REVISIONS 2				DATE																																							
REVISIONS 3																																											
REVISIONS 4																																											
FIELD CHANGES																																											
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		SIGN & PVMT. MARKINGS																																									
SHEET NUMBER <b>158</b> OF 182		WIN 18129.10 HIGHWAY PLANS																																									



<div> <div>159</div> <div>OF 182</div> </div>	SHEET NUMBER	WATERVILLE AND SIDNEY		PROJ. MANAGER	E. MARTIN	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
		TRAFTON ROAD INTERCHANGE		CHECKED-REVIEWED	M. DEBOWSK			
				DESIGN2-DETAILED2	S. BABALIS		SIGNATURE	
				DESIGN3-DETAILED3	R. LEMIRE		P.E. NUMBER	
	SIGNS & PVMT. MARKINGS	REVISIONS 1						WIN 18129.10 HIGHWAY PLANS
		REVISIONS 2						
		REVISIONS 3						
		REVISIONS 4						
		FIELD CHANGES					DATE	





WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SIGNS & PVMT. MARKINGS

SHEET NUMBER






















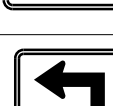




160

OF 182

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WIN 18129.10
HIGHWAY PLANS	

PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-DETAILED	M. DEBOWSKI		
DESIGNED-REVIEWED	S. BARAJIS		SIGNATURE
DESIGNED-DETAILED	R. LEMIRE		P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PROPOSED SIGN SUMMARY

ITEM NUMBER	IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS			COLOR		TYPE	SUPPORT	NUMBER OF SIGNS REQUIRED	SIGN AREA (SQ. FT.)		REMARKS
		WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	SHIELD/ARROW	BACK-GROUND	LEGEND BORDER				NOM. AREA	TOTAL AREA	
645.291	DI-1(1)	87"	18"		SEE GUIDE SIGN DETAILS			GREEN	WHITE	TYPE II	DOUBLE 4"x6" WOOD POST	2	10.875	21.75	
645.291	DI-1(2)	87"	18"					GREEN	WHITE	TYPE II	DOUBLE 4"x6" WOOD POST	1	10.875	10.875	
645.291	DI-2(1)	62"	30"					GREEN	WHITE	TYPE II	DOUBLE 4"x6" WOOD POST	2	12.92	25.84	
645.291	DI-2(2)	62"	30"					GREEN	WHITE	TYPE II	DOUBLE 4"x6" WOOD POST	1	12.92	12.92	
645.291	D3-1(1)	24"	6"		4"			GREEN	WHITE	TYPE II	---	4	1.00	4.00	MOUNT ON R-1
645.291	D3-1(2)	24"	6"		4"			GREEN	WHITE	TYPE II	---	1	1.00	1.00	MOUNT ON R-1
645.291	D3-1(3)	24"	6"		4"			GREEN	WHITE	TYPE II	---	1	1.00	1.00	MOUNT ON R-1
645.251	E5-1a	96"	60"		SEE GUIDE SIGN DETAILS			GREEN	WHITE	TYPE I	ASSEMBLY	2	40.00	80.00	SEE DETAILS
645.271	M1-1 INTERSTATE	36"	36"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS"			RED TOP/BLUE BOTTOM	WHITE	TYPE I	ASSEMBLY	2	9.00	18.00	SEE DETAILS INCLUDE "MAINE" OVER 95
645.292	M1-1	24"	24"					RED TOP/BLUE BOTTOM	WHITE	TYPE II	ASSEMBLY	13	4.00	52.00	SEE DETAILS INCLUDE "MAINE" OVER 95
645.292	M1-5	24"	24"					WHITE	BLACK	TYPE II	ASSEMBLY	8	4.00	32.00	SEE DETAILS
645.292	M2-1 INTERSTATE	21"	15"					BLUE	WHITE	TYPE II	ASSEMBLY	2	2.19	4.38	SEE DETAILS
645.292	M2-1	21"	15"					WHITE	BLACK	TYPE II	ASSEMBLY	1	2.19	2.19	SEE DETAILS
645.292	M3-1 (1) INTERSTATE	24"	12"					BLUE	WHITE	TYPE II	ASSEMBLY	4	2.00	8.00	SEE DETAILS
645.271	M3-1 (2) INTERSTATE	36"	18"					BLUE	WHITE	TYPE I	ASSEMBLY	1	4.50	4.50	SEE DETAILS
645.292	M3-1(1)	24"	12"					WHITE	BLACK	TYPE II	ASSEMBLY	2	2.00	4.00	SEE DETAILS
645.292	M3-3 (1) INTERSTATE	24"	12"					BLUE	WHITE	TYPE II	ASSEMBLY	4	2.00	8.00	SEE DETAILS
645.271	M3-3 (2) INTERSTATE	36"	18"					BLUE	WHITE	TYPE I	ASSEMBLY	1	4.50	4.50	SEE DETAILS
645.292	M3-3(2)	24"	12"					WHITE	BLACK	TYPE II	ASSEMBLY	2	2.00	4.00	SEE DETAILS
645.292	M4-5 INTERSTATE	24"	12"					BLUE	WHITE	TYPE II	ASSEMBLY	3	2.00	6.00	SEE DETAILS
645.292	M4-5	24"	12"					WHITE	BLACK	TYPE II	ASSEMBLY	3	2.00	6.00	SEE DETAILS
645.292	M5-1L INTERSTATE	21"	15"					BLUE	WHITE	TYPE II	ASSEMBLY	2	2.19	4.38	SEE DETAILS
645.292	M5-1R INTERSTATE	21"	15"					BLUE	WHITE	TYPE II	ASSEMBLY	2	2.19	4.38	SEE DETAILS
645.292	M6-1L INTERSTATE	21"	15"					BLUE	WHITE	TYPE II	ASSEMBLY	2	2.19	4.38	SEE DETAILS
645.292	M6-1L	21"	15"					WHITE	BLACK	TYPE II	ASSEMBLY	2	2.19	4.38	SEE DETAILS
645.292	M6-1R INTERSTATE	21"	15"					BLUE	WHITE	TYPE II	ASSEMBLY	2	2.19	4.38	SEE DETAILS

SIGN SUMMARY NOTES:

1. SIGN TEXT SHALL CONFORM TO MUTCD.

2. SIGN TYPE AND LOCATIONS SHALL BE IN ACCORDANCE WITH MUTCD.




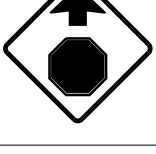


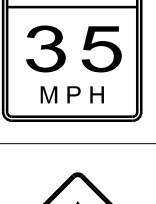





3. ALL SIGNS TO BE BREAKAWAY.

4. THE COST OF BREAKAWAY SUPPORTS FOR TYPE II SIGNS SHALL BE INCIDENTAL TO ITEM 645.29I, 645.292, AND 645.5II.

5. SIGN LOCATIONS ARE APPROXIMATE AND TO BE VERIFIED IN THE FIELD.



PROPOSED SIGN SUMMARY

ITEM NUMBER	IDENTIFI-CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS			COLOR		TYPE	SUPPORT	NUMBER OF SIGNS REQUIRED	SIGN AREA (SQ. FT.)		REMARKS
		WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	SHIELD/ ARROW	BACK-GROUND	LEGEND BORDER				NOM. AREA	TOTAL AREA	
645.292	W2-1	30"	30"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS"			YELLOW	BLACK	TYPE II	4" X 6" WOOD POST	1	6.25	6.25	MOUNT WITH W16-8aP
645.292	W2-2L	30"	30"					YELLOW	BLACK	TYPE II	4" X 4" WOOD POST	1	6.25	6.25	
645.292	W2-2R	30"	30"					YELLOW	BLACK	TYPE II	4" X 4" WOOD POST	1	6.25	6.25	
645.292	W3-1	30"	30"					YELLOW	BLACK/ RED SYMBOL	TYPE II	4" X 4" WOOD POST	1	6.25	6.25	
645.292	W13-1P(35)	18"	18"					YELLOW	BLACK	TYPE II	---	1	2.25	2.25	MOUNT WITH W1-2L
645.271	W13-2(35)	36"	48"					YELLOW	BLACK	TYPE I	W6X9 18" FOUNDATION	2	12.00	24.00	
645.271	W13-3(35)	36"	48"					YELLOW	BLACK	TYPE I	W6X9 18" FOUNDATION	2	12.00	24.00	
645.271	W4-1	48"	48"					YELLOW	BLACK	TYPE I	W6X9 18" FOUNDATION	2	16.00	32.00	
645.292	W16-8P	24"	8"					YELLOW	BLACK	TYPE II	---	3	1.33	3.99	MOUNT WITH W2-2L, W2-2R & W3-1
645.292	W16-8aP	30"	15"					YELLOW	BLACK	TYPE II	---	1	3.13	3.13	MOUNT WITH W2-1
645.271	PER MAINE STANDARD DETAILS 645(8)	60"	36"		TEXT DIMENSIONS SHALL CONFORM TO "MAINE STANDARD DETAILS 2014 EDITION"			WHITE	BLACK	TYPE I	W6X9 18" FOUNDATION	2	15.00	30.00	
645.292	PER MAINE STANDARD DETAILS 645(8)	36"	48"					WHITE	BLACK	TYPE II	4" X 6" WOOD POST	2	12.00	24.00	

WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE

SIGN SUMMARY

SHEET NUMBER

163

OF 182

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

WIN  
18129.10

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

DATE

BY

E. MARTIN

PROJ. MANAGER

CHECKED-DETAILED

DESIGN-REVIEWED

DESIGN-DETAILED

REVISIONS 1


REVISIONS 2

REVISIONS 3

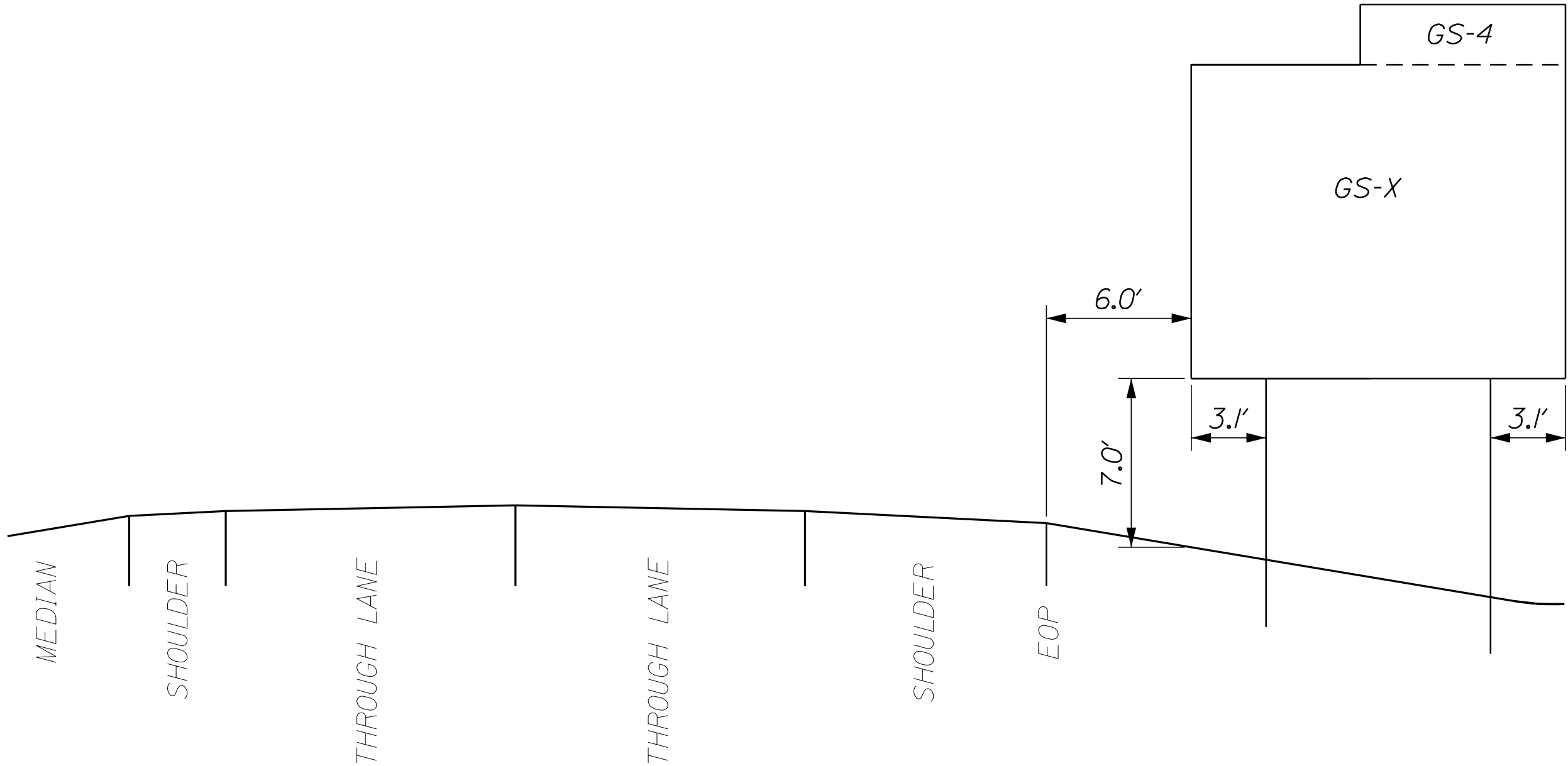
REVISIONS 4

FIELD CHANGES

PROPOSED GUIDE SIGN SUMMARY

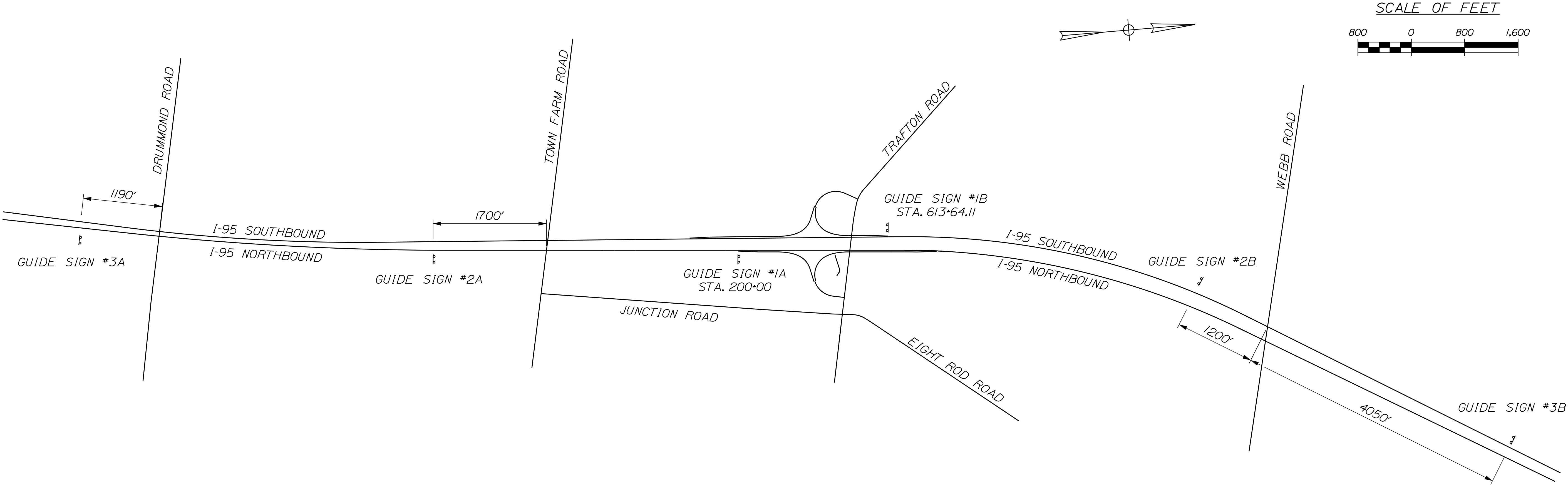
ITEM NUMBER	IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS			COLOR		TYPE	SUPPORT	NUMBER OF SIGNS REQUIRED	SIGN AREA (SQ. FT.)		REMARKS
		WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	SHIELD/ ARROW	BACK- GROUND	LEGEND BORDER				NOM. AREA	TOTAL AREA	
645.25I	GS-1	186"	108"	<div>Trafton Road Waterville </div>		SEE GUIDE SIGN SUMMARY		GREEN	WHITE	TYPE 1	DOUBLE W10X22 SEE SHEETS 166 & 167 FOR FOUNDATION	2	139.50	279.00	SEE SHEET 165 FOR LOCATIONS
645.25I	GS-2	186"	96"	<div>Trafton Road Waterville 1 MILE</div>				GREEN	WHITE	TYPE 1	DOUBLE W10X22 SEE SHEETS 166 & 167 FOR FOUNDATION	2	124.00	248.00	SEE SHEET 165 FOR LOCATIONS
645.25I	GS-3	186"	96"	<div>Trafton Road Waterville 2 MILES</div>				GREEN	WHITE	TYPE 1	DOUBLE W10X22 SEE SHEETS 166 & 167 FOR FOUNDATION	2	124.00	248.00	SEE SHEET 165 FOR LOCATIONS
645.25I	GS-4	120"	30"	<div>EXIT 124</div>				GREEN	WHITE	TYPE 1	---	6	25.00	100.00	MOUNT WITH GS-1, GS-2, & GS-3

APPROXIMATE CROSS-SECTION



WATERVILLE AND SIDNEY  
TRAFTON ROAD INTERCHANGE  
GUIDE SIGN SUMMARY

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES	PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
									E. MARTIN					
									M. DEBOWSKI					
									S. BABIUS					
									R. LEMIRE					



GUIDE SIGN #1A & 1B



GUIDE SIGN #2A & 2B



GUIDE SIGN #3A & 3B

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

WIN 18129.10

HIGHWAY PLANS

WATERVILLE AND SIDNEY

TRAFTON ROAD INTERCHANGE

HIGHWAY GUIDE SIGNS

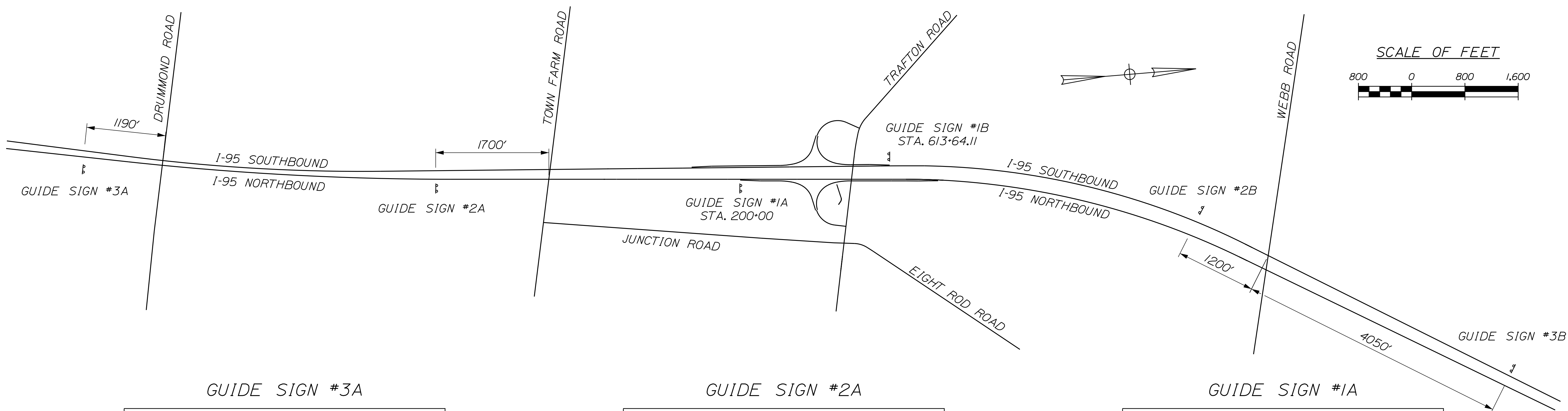
SHEET NUMBER

165

OF 182

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGNED-DETAILED			
CHECKED-REVIEWED			SIGNATURE
DESIGNED-DETAILED			P.E. NUMBER
REVISIONS 1			DATE
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			





SIZING OF THE DRILLED SHAFT FOUNDATIONS  
FOR GUIDE SIGN #3A SHALL BE BASED ON  
STANDARD DETAILS 626(03) AND 626(04) WITH  
CHART S800 (SOILS WITH  $S_u = 800$  psf)

SIZING OF THE DRILLED SHAFT FOUNDATIONS  
FOR GUIDE SIGN #2A SHALL BE BASED ON  
STANDARD DETAILS 626(03) AND 626(04) WITH  
CHART S800 (SOILS WITH  $S_u = 800$  psf)

SIZING OF THE DRILLED SHAFT FOUNDATIONS  
FOR GUIDE SIGN #1A SHALL BE BASED ON  
STANDARD DETAILS 626(03) AND 626(04) WITH  
CHART SI200 (SOILS WITH  $S_u = 1200$  psf)

PROJECT: I-46 Traffic Road Interchange


Boring No.:

HB-WAT-301

LOCATION: Waterville, Maine

WIN:

18129.10


Driller: New England Boring Contractors			Elevation (ft)		Auger ID/DI: 4.5" OD	
Operator: Erico/Shane			Datum: NAVD83		Sampler: Standard Split Spoon	
Lugged By: Schoenfeld			Rig Type: Mobile CPT B-53, track-mounted		Hammer W/L/Fit: 14WSP (open & withheld)	
Date Start/Finish: 3/15/16, 9/33/-10/15			Drilling Method: Solid Stem Auger		Core Name: N/A	
Boring Location: NB Spine 3A, 151 ft off EP			Casing ID/DI: N/A		Water Level <sup>1</sup> : 10 ft (open to 20.5 ft)	
<b>BI-GTD SAMPLING AND TESTING:</b> D = Bell Spoon Sample MD = Unclassified Split Spoon Sample attempt LUGGED BY = Test Tube result MT = Unclassified TWT Vane Tube Sample attempt VT = Vane Shear Test VC = Unclassified Vials/Vane Shear Test attempt			<b>ADDITIONAL DEFINITIONS:</b> S+ = Info: Field Vane Shear Strength (psi) R+ = Rock Core Sample RC = Rock Core Quality Designation (N) WC# = weight of solids, %water WCI = weight of solids -- = not recorded		<b>BOREHOLE ADVANCEMENT METHODS:</b> SD= advance down auger / R=under core  <b>LABORATORY TEST RESULTS:</b> LI=Visual Limit 1% Plastic Limit / %Plasticity Index WC = water content, percent #SD = percent fine from grain size analysis UC = 4.75 mm maximum strength of field	
Sample Information						
Visual Description and Remarks						
(Depth) (ft.)	Sample No.	Pen (Frac. In.)	Sample Depth (ft.)	Blow (ft/in)	Strength (lb/ft²)	Lab. Testing Results
0						
5	1D	24/23	5.0 - 7.0	6-7-7-7	14	1D Olive Brown, mottled, damp, stiff, Clayey SILT, little fine sand. CLAY
10	2D	24/24	10.0 - 12.0	3-4-4-5	8	2D Olive brown grading to grey at tip of spoon, upper 12 in. slightly moistest, medium stiff, Clayey SILT to SILT & CLAY, trace fine sand. CLAY CRUST
						Grade to grey at approx. 12.5 ft bgs.
15	3D	24/24	15.0 - 17.0	vane interval 16.6-16.0	--	3D Grey with occasional black mottling, moist to saturated, CLAY & SILT.
	V1			8u=789 / 134 psf		long torque ridge: Tw=17.0/Tw=3.0 f-thbs (S5 + 110 mm vane)
	V2			8u=938 / 179 psf		long torque ridge: Tw=21.0/Tw=4.0 f-thbs (S5 + 110 mm vane)
	4D	24/24	17.0 - 19.0	1-1-4-6	5	Grey, saturated, (soft), CLAY & SILT;
20	5D	34/10	19.0 - 21.0	20-20-21-20	41	Changing at 18.5 ft to 4D: Grey, Silty fine SAND, with layers of CLAY & SILT. TRANSITION
						5D Grey, moist (light), dense, fine to medium sandy GRAVEL, little to some silt, trace coarse Sand, TLL
						Bottom of Exploration at 21.0 feet below ground surface.
						No refect.
25						
Remarks:						
1. Drilled at stated location; 15.1 ft. off EP.						


Stratification lines represent approximate boundaries between soil types; transitions may be gradual.

<sup>1</sup> Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those presented by the time measurements were made.

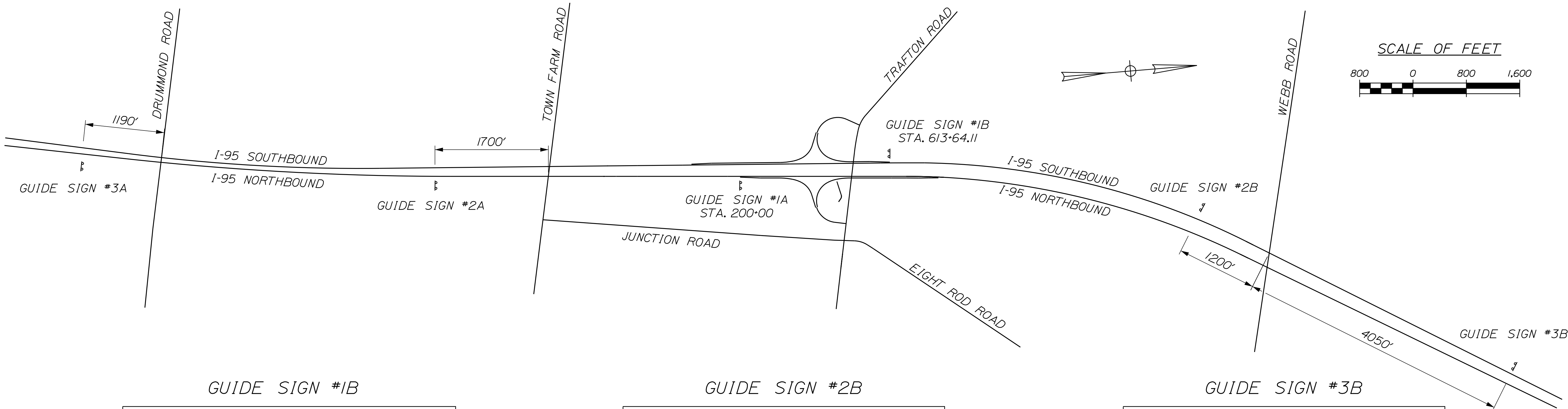
Page 1 of 1

Boring No.: HB-WAT-301

	PROJECT: I-95 Traction Road Interchange	Boring No.: HB-WAT-302							
ENVIRONMENTAL RESEARCH ASSOCIATES, INC.	LOCATION: Waterville, Maine	WIN: 18129.10							
Driller: New England Boring Contractors	Elevation (ft.)	Auger ID/DOD: 4.5" OD							
Operator: Endo/Shane	Datum: NAVD83	Sampler: Standard Split Spoon							
Logged By: Schenwald	Rig Type: Mobile Drill B-E3, track-mounted	Hammer W/L/Fat: 140/307 (wipe & witness)							
Date Start/Finish: 3/18/16, 1025-1145	Drilling Method: Solid Stem Auger	Core Barrel: N/A							
Boring Location: NB Sign 2A, 13.1 ft. off EP	Casing ID/DOD: N/A	Wallor Level#: 5.5 ft (open)							
IN-SITU SAMPLING AND TESTING: D = Split Spoon Sample MD = Unsuccessful Split Spoon Sample attempt I = Thin Tube Sample MU = Unsuccessful Thin Wall Tube Sample attempt NV = Push Vane Shear Test NA = Unsuccessful Push Vane Shear Test attempt	ADDITIONAL DEFINITIONS: S = Rock, Red Vane Shear Strength (psi) R = Rock Core Sample RSC = Rock Quality Designation (%) WCW = weight of 1025 hammer WCD = weight of core = Not recorded	BORERHOLE ADVANCEMENT METHOD: SDM = solid stem auger / R/Cutter core LABORATORY TEST RESULTS: LL = Liquid Limit (%), Plastic Limit / PI = Plasticity Index VC = water content, percent UCC = present fines from grain size analysis CPT @ = rock compressive strength, PSI							
Sample Information									
Depth (ft.)	Sample No.	Pen. Rate (in./min)	Sample Depth (ft.)	Blow Count (blows/ft.)	Flow Value (lb/in²) or RQD (%)	Non-value	Casing Notes	Visual Description and Remarks	Lab. Testing Results
0							SSA	grass-covered embankment slope	
5	1D	24/24	5.0 - 7.0	3-4-3-4	7			1D Olive brown, moist, m. stiff, Clayey SILT, trace fine sand, trace fine Gravel. CLAY CRUST	-4.5
10	2D	24/24	10.0 - 12.0	2-2-2-3	4			2D Olive brown, saturated, soft, Clayey SILT to SILT & CLAY, with six seams rust-stained fine Sandy SILT, trace fine Gravel. Grey SILT & CLAY, little fine sand in tip of spoon.	-12.2
15	3D	24/7	15.0 - 17.0	12-38-39-39	77			Grate to grey at approx. 12.2 ft bgs.  Boney material at 14.0 ft bgs  3D Brown grey, moist (tight), v. dense, fine to coarse Sandy GRAVEL, little SILT. TILL	-14.0
20	4D	22/10	20.5 - 22.3	4-10-13-50/4"	23			4D: Grey, wet, m. dense, fine to coarse Sandy GRAVEL, little SILT. TILL	-22.3
25								Bottom of Exploration at 22.8 feet below ground surface. Split-spoon refusal.	
Remarks: 1. Drilled at stalled location; 13.1 ft. off EP.									
Stratification lines represent approximate boundaries between soil types; transitions may be gradual.									
*Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those presented at the time measurements were made.									
Page 1 of 1									Boring No.: HB-WAT-302

		PROJECT: I-95 Traffic Road Interchange		Boring No.: HB-WAT-303	
Environmental Associates, Inc.		LOCATION: Waterville, Maine		WIN: 18129.10	
Driller: New England Boring Contractors		Elevation (ft):		Auger ID/OD: 4.5" OD	
Operator: Ennos/Share		Datum: NAVD83		Sampler: Standard Split Spoon	
Logged By: Schmechel		Rig Type: Mobile Drill B-E3, track-mounted		Hammer Wt/Fall: 140#/3' (open & closed)	
Date Start/Finish: 3/15/16 - 1200-1305		Drilling Method: Solid Stem Auger		Core Barre: N/A	
Boring Location: 108 Sign 1X (WB-055317502, 14' (underpass))		Casing ID/OD: N/A		Water Level*: 5.8 ft (open to 14.6 ft)	
<b>R-6710 SAMPLING AND TESTING:</b> R-6 Split Spoon Sample MD = Unsuccessful Split Spoon Sample attempt U = This Test Tube Sample MU = Unsuccessful Thin Wall Tube Sample attempt V = Vane Shear Test MV = Unsuccessful vane Vane Shear Test attempt		<b>ADDITIONAL DEFINITIONS:</b> R <sub>1</sub> = Hole Final Vane Shear Strength (psi) R <sub>2</sub> = Rock Core Sample RSC = Rock Quality Designation (%) WOC = weight of 100g, Hammer WOC = weight of core -- not recorded		<b>BOREHOLE ADVANCEMENT METHOD:</b> SSB=split stem auger / R=rotary core <b>LABORATORY TEST RESULTS:</b> LL=Liquid Limit (%) / Plastic Limit (%) / Plasticity Index MC = water content, percent *WOC = percent fines from grain size analysis UCI = g - pass, compression strength of soils	
Sample Information					
Visual Description and Remarks					
Depth (ft.)	Sample No.	Pen (Frac. ft.)	Sample Depth (ft.)	Blow (6 in) Strength or SPT or RQD (%)	N-value Casing Penetration Log
0					SSA
					grass-covered embankment slope
5	1D	24/16	5.0 - 7.0	3-7-6-8	13
					Grey-brown, wet, m. dense, MISCELLANEOUS SANDY FILL with organics;
					Changing at 6.4 ft to 1D: Red-brown, damp, Clayey SILT, some fine sand. CLAY CRUST
10	2D	34/12	10.0 - 12.0	25-24-36-22	60
					2D Dark grey, wet, v. dense, GRAVEL, some fine to coarse Sand, trace to little Silt. Gravel appears to be weathered rock. TILL
15	3D	8/5	15.0 - 15.7	53-60"	-
					3D Grey-brown, wet, GRAVEL, some fine to coarse Sand, trace to little Silt. TILL
20					
					Bottom of Exploration at 18.0 feet below ground surface. Auger refusal.
25					
Remarks:					
1. Drilled at stated location; 13.6 ft. off EP.					
Stratification lines represent approximate boundaries between soil types; transitions may be gradual.					
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.					
Boring No.: HB-WAT-303					





GUIDE SIGN #1B


SIZING OF THE DRILLED SHAFT FOUNDATIONS FOR GUIDE SIGN #1B SHALL BE BASED ON STANDARD DETAILS 626(03) AND 626(04) WITH CHART P32 WITH REFERENCE TO 626.034 FOR SHALLOW ROCK (SOILS WITH PHI = 32 DEG.)

GUIDE SIGN #2B

SIZING OF THE DRILLED SHAFT FOUNDATIONS FOR GUIDE SIGN #2B SHALL BE BASED ON STANDARD DETAILS 626(03) AND 626(04) WITH CHART P28 (SOILS WITH PHI = 28 DEG.)


GUIDE SIGN #3B

SIZING OF THE DRILLED SHAFT FOUNDATIONS FOR GUIDE SIGN #3B SHALL BE BASED ON STANDARD DETAILS 626(03) AND 626(04) WITH CHART P34 (SOILS WITH PHI = 34 DEG.)

		PROJECT: I-95 Trafton Road Interchange		Boring No.: HB-WAT-312																																																														
LOCATION: Waterville, Maine		Elevation (ft)		WIN: 18129.10																																																														
Driller: New England Boring Contractors		Datum: NAVD83		Auger ID/OD: SSA to 9 ft																																																														
Operator: Enco/Share		Rig Type: Mobile Drill B-53, track-mounted		Sampler: Standard Split Spoon																																																														
Logged By: Schoneswald		Drilling Method: Cased Wash Boring		Hammer Wt./Fall: 140/30" (type & method)																																																														
Date Start/Finish: 3/23/16; 1235-1400		Casing ID/OD: 3" (NW) spun		Core Barrel: N/A																																																														
Boring Location: 88 Sign 3B, 18.8 ft off GP		Water Level: 2.5 ft (open)		Borehole Advancement Method: SSA = solid stem auger / TC = roller cone																																																														
Borehole Sampling and Testing: SD = Split Spoon Sample WD = Unsuccessful Split Spoon Sample attempt TU = Thin Wall Tube Sample WU = Unsuccessful Thin Wall Tube Sample attempt V = Vane Shear Test MV = Unsuccessful Vane Shear Test attempt		ADDITIONAL DEFINITIONS: S <sub>u</sub> = Undrained Vane Shear Strength (psi) R = Rock Core Sample RQD = Rock Quality Designation (%) WCH = weight of 140 lb. hammer WCH = weight of 140 lb. hammer UCT = peak compressive strength of rock		LABORATORY TEST RESULTS: L <sub>u</sub> = Liquid Limit (%) / Plasticity Index W <sub>C</sub> = water content, percent RQD = percent free from joint or fracture UCT = peak compressive strength of rock																																																														
<table border="1"> <thead> <tr> <th rowspan="2">Depth (ft.)</th> <th colspan="5">Sample Information</th> <th rowspan="2">Lab. Testing Results</th> </tr> <tr> <th>Sample No.</th> <th>Pen. Rec. (ft.)</th> <th>Sample Depth (ft.)</th> <th>Bore (ft) (in)</th> <th>Notes</th> <th>Visual Description and Remarks</th> </tr> </thead> <tbody> <tr> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SSA</td> <td>grass-lined ditch</td> </tr> <tr> <td>5</td> <td>1D</td> <td>24/13</td> <td>5.0 - 7.0</td> <td>14-13-14-28</td> <td>27</td> <td></td> <td>1D: Brown, wet, m. dense, Gravely fine to medium SAND, little to some SILT, trace coarse SAND, TILL</td> </tr> <tr> <td>10</td> <td>R1</td> <td>41/95</td> <td>9.0 - 12.4</td> <td>RQD: 13% = 32%</td> <td></td> <td></td> <td>8.4 ft BOS: top of weathered rock based on drilling behavior. 9.0 ft BOS: auger refusal; cast casing. R1: Hard, typically fresh, aphanitic to fine grained, medium gray PHYLITE, with high angle calcite veins and quartzite intrusions; high angle relic bedding visible. Close to moderately spaced, typically moderately dipping to high angle breaks; undulating, rough, typically discolor, typically open with occasional clay infilling. Open fracture from 10.3 to 11.5 ft, vertical fracture from 11.5 to 12.4 ft.</td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Bottom of Exploration at 12.4 feet below ground surface.</td> </tr> <tr> <td>20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Depth (ft.)	Sample Information					Lab. Testing Results	Sample No.	Pen. Rec. (ft.)	Sample Depth (ft.)	Bore (ft) (in)	Notes	Visual Description and Remarks	0						SSA	grass-lined ditch	5	1D	24/13	5.0 - 7.0	14-13-14-28	27		1D: Brown, wet, m. dense, Gravely fine to medium SAND, little to some SILT, trace coarse SAND, TILL	10	R1	41/95	9.0 - 12.4	RQD: 13% = 32%			8.4 ft BOS: top of weathered rock based on drilling behavior. 9.0 ft BOS: auger refusal; cast casing. R1: Hard, typically fresh, aphanitic to fine grained, medium gray PHYLITE, with high angle calcite veins and quartzite intrusions; high angle relic bedding visible. Close to moderately spaced, typically moderately dipping to high angle breaks; undulating, rough, typically discolor, typically open with occasional clay infilling. Open fracture from 10.3 to 11.5 ft, vertical fracture from 11.5 to 12.4 ft.	15							Bottom of Exploration at 12.4 feet below ground surface.	20								25							
Depth (ft.)	Sample Information						Lab. Testing Results																																																											
	Sample No.	Pen. Rec. (ft.)	Sample Depth (ft.)	Bore (ft) (in)	Notes	Visual Description and Remarks																																																												
0						SSA	grass-lined ditch																																																											
5	1D	24/13	5.0 - 7.0	14-13-14-28	27		1D: Brown, wet, m. dense, Gravely fine to medium SAND, little to some SILT, trace coarse SAND, TILL																																																											
10	R1	41/95	9.0 - 12.4	RQD: 13% = 32%			8.4 ft BOS: top of weathered rock based on drilling behavior. 9.0 ft BOS: auger refusal; cast casing. R1: Hard, typically fresh, aphanitic to fine grained, medium gray PHYLITE, with high angle calcite veins and quartzite intrusions; high angle relic bedding visible. Close to moderately spaced, typically moderately dipping to high angle breaks; undulating, rough, typically discolor, typically open with occasional clay infilling. Open fracture from 10.3 to 11.5 ft, vertical fracture from 11.5 to 12.4 ft.																																																											
15							Bottom of Exploration at 12.4 feet below ground surface.																																																											
20																																																																		
25																																																																		
Remarks: 1. Drilled at stalled location.																																																																		
Stabilization lines represent approximate boundaries between soil types; transitions may be gradual. *Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.																																																																		
				Page 1 of 1 Boring No.: HB-WAT-312																																																														

*I-95 SOUTHBOUND SIGN ASSEMBLY #3*

SIZING OF THE DRILLED SHAFT FOUNDATIONS  
 FOR THIS SIGN ASSEMBLY SHALL BE BASED ON  
 STANDARD DETAILS 626(03) AND 626(04) WITH  
 CHART P32 WITH REFERENCE TO 626.034  
 FOR SHALLOW ROCK (SOILS WITH  $\phi = 32$  DEG.)

 N. NEW ENGLAND ENGINEERING, INC. (A PROFESSIONAL CORPORATION)	<b>PROJECT:</b> I-95 Traffic Road Interchange  <b>LOCATION:</b> Waterville, Maine	<b>Boring No.:</b> HB-WAT-311  <b>WIN:</b> 18129.10
<b>Driller:</b> New England Boring Contractors <b>Sirenline (ft.)</b> <b>Operator:</b> Enos/Shane <b>Date:</b> NAVIDE <b>Logged by:</b> Schonewald <b>Rig Type:</b> Mobile Drill P-53, track-mounted <b>Date Start/Finish:</b> 3/22/16; 1340-1425 <b>Drilling Method:</b> Solid Stem Auger <b>Core Barrel:</b> N/A <b>Boring Location:</b> MS Sign 155-1a / NB1009S / 1007' E110201, 3425'		<b>Auger ID/OID:</b> 4.5" OD <b>Sampler:</b> Standard Split Spoon <b>Hammer Wt./Fall:</b> 140W30' (spec & cathead) <b>Water Level<sup>1</sup>:</b> 3.7 ft (open to 5.8 ft)
<b>FIELD SAMPLING AND TESTING:</b> D = Split Spoon Sample MD = Unsuccessful Split Spoon Sample attempt LT = Thin Wall Tube Sample MU = Unsuccessful Thin Wall Tube Sample attempt S = In-situ Vane Shear Test ST = Unsuccessful In-situ Vane Shear Test attempt		<b>ADDITIONAL DEFINITIONS:</b> S <sub>u</sub> = In-situ Field Vane Shear Strength (psi) R = Rock Core Sample BGS = Rock Quality Designation (%) WCH = weight of hole, heaviest WCH = weight of hole -- not recorded
<b>BOREHOLE ADVANCEMENT METHOD:</b> SSAR will penetrate super HC-rebar core <b>LABORATORY TEST RESULTS:</b> LL = Liquid Limit (%), Plastic Limit / Plasticity Index VIC = water content, percent dSG = percent fines from grain size analysis UCT sp = peak compressive strength of rock		

Depth (ft.)	Sample No.	Pen./Rev. (in./rev)	Sample Depth (ft.)	Blow Count (blows/ft.)	Borehole Diameter (in.)	Soil Description and Remarks	Lab. Testing Results
0					4.5"	grass-lined ditch	
						FILL based on cuttings and drilling behavior.	
						3.5 ft BGS: top of native material (Brown, the Sandy SILT).	-3.5
5						4.8 to 6.0 ft BGS: boulder; able to penetrate with augers	
						6.8 ft BGS: top of weathered rock based on drilling behavior.	-7.0
						Bottom of Exploration at 7.0 feet below ground surface.	
						7.0 ft BGS auger refusal!	
10							
15							
20							
25							

**Remarks:**

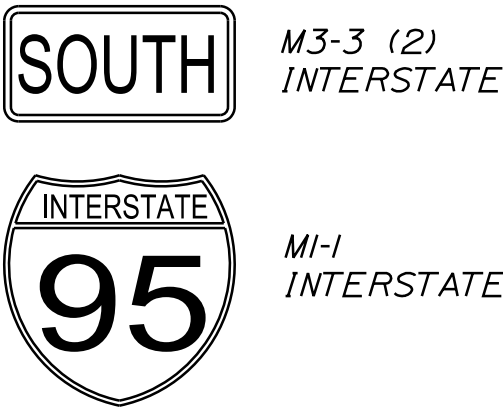
1. Drilled at staked location; ditchline.

\* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

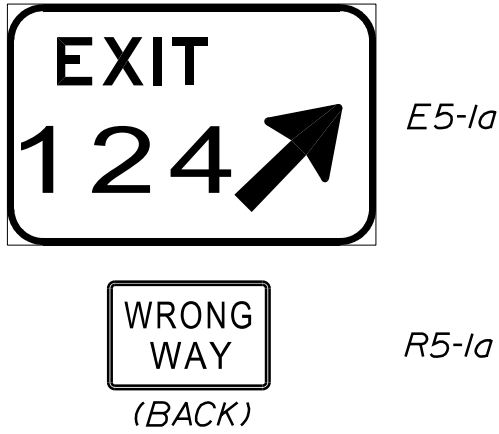
Page 1 of 1  
  
**Boring No.: HB-WAT-311**



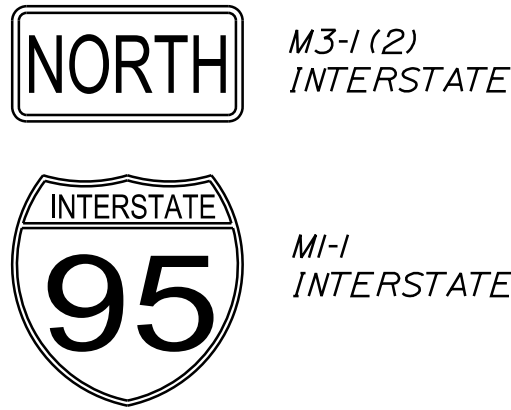
PROPOSED SIGN ASSEMBLIES



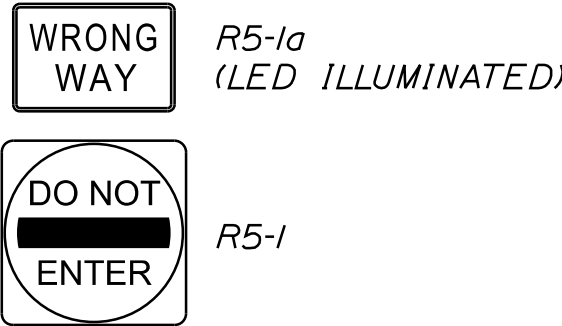
ASSEMBLY #1  
I-95 SOUTHBOUND  
SINGLE W6X9  
18" FOUNDATION  
TYPE I SIGN  
AREA = 13.50 SF



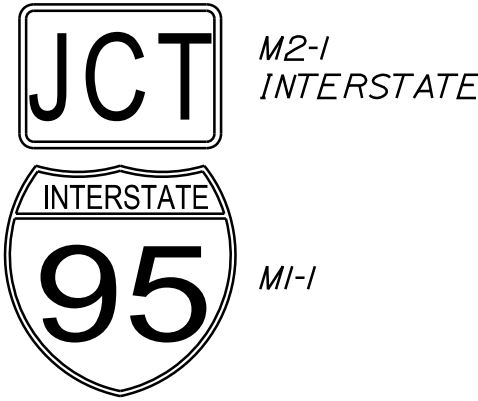
ASSEMBLY #2  
I-95 SOUTHBOUND  
& NORTHBOUND  
STA. 2017+55 RT  
STA. 3023+55 LT  
DOUBLE W8X18 POSTS  
SEE SHEET 168  
FOR FOUNDATION  
TYPE I SIGN  
AREA = 40.00 SF



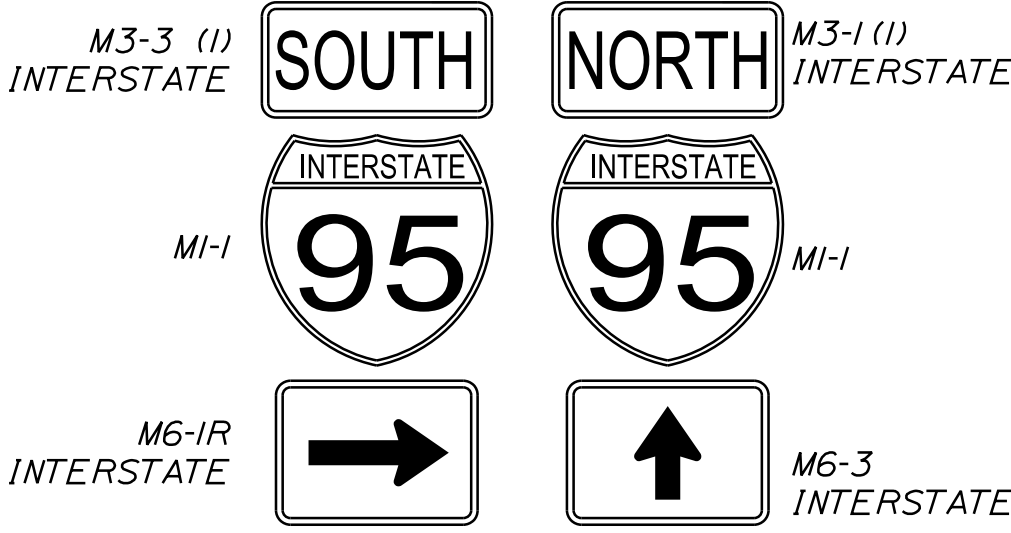
ASSEMBLY #3  
I-95 NORTHBOUND  
SINGLE W6X9  
18" FOUNDATION  
TYPE I SIGN  
AREA = 13.50 SF



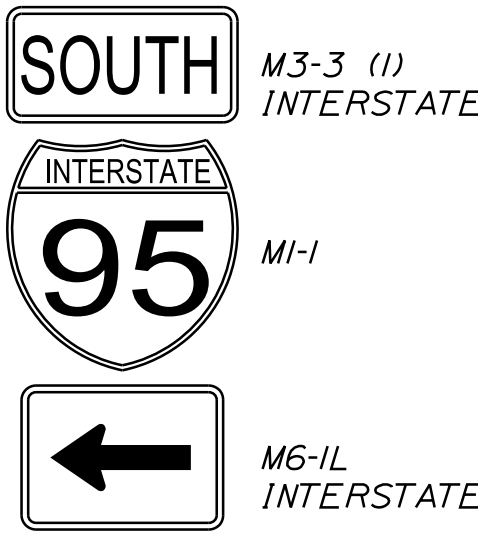
ASSEMBLY #4  
NORTHBOUND OFF RAMP  
STA. 210+50 LT.  
SOUTHBOUND OFF RAMP  
STA. 604.00 RT.  
SINGLE 4"X6" WOOD POST  
TYPE II SIGN  
AREA = 15.00 SF



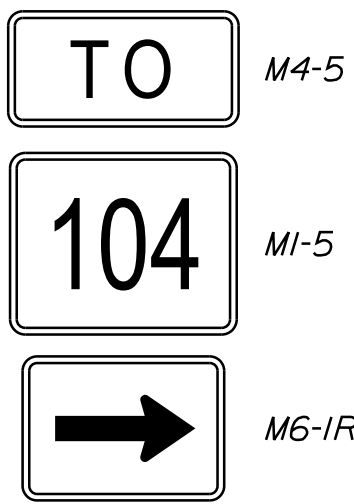
ASSEMBLY #5  
TRAFTON ROAD  
STA. 100+00 RT.  
STA. 126+00 LT.  
SINGLE  
U-CHANNEL  
TYPE II SIGN  
AREA = 6.19 SF



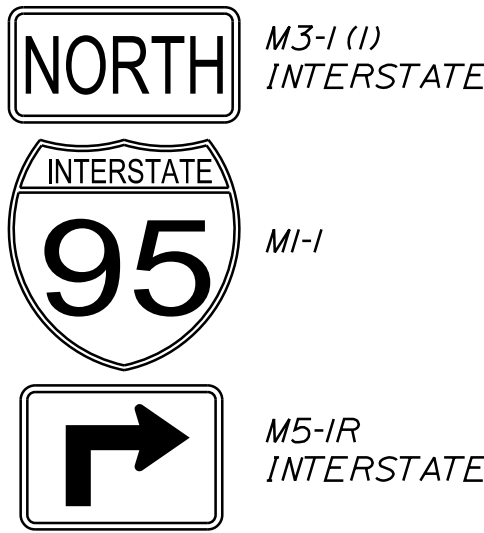
ASSEMBLY #6  
TRAFTON ROAD  
STA. 104+00 RT.  
SINGLE 6"X6" WOOD POST  
TYPE II SIGN  
AREA = 16.38 SF



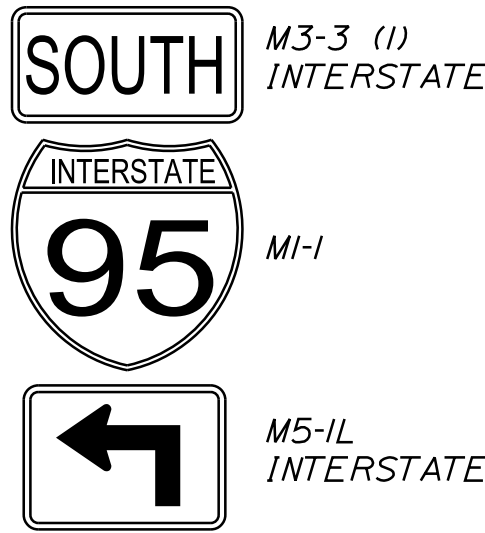
ASSEMBLY #7  
TRAFTON ROAD  
STA. 104+75 LT.  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



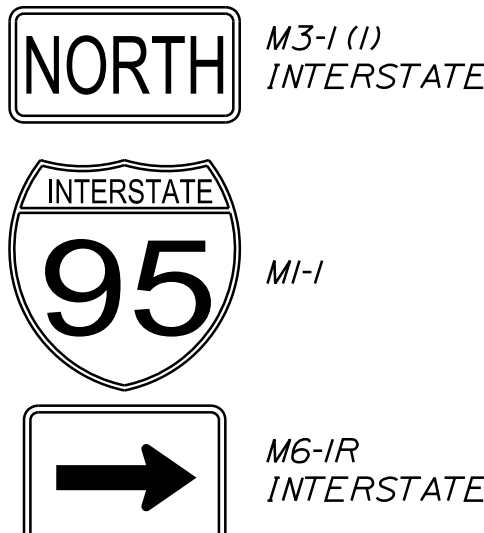
ASSEMBLY #8  
SOUTHBOUND RAMP  
STA. 706+50 RT.  
NORTHBOUND RAMP  
STA. 404+00 RT.  
TRAFTON ROAD  
STA. 119+95 LT.  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



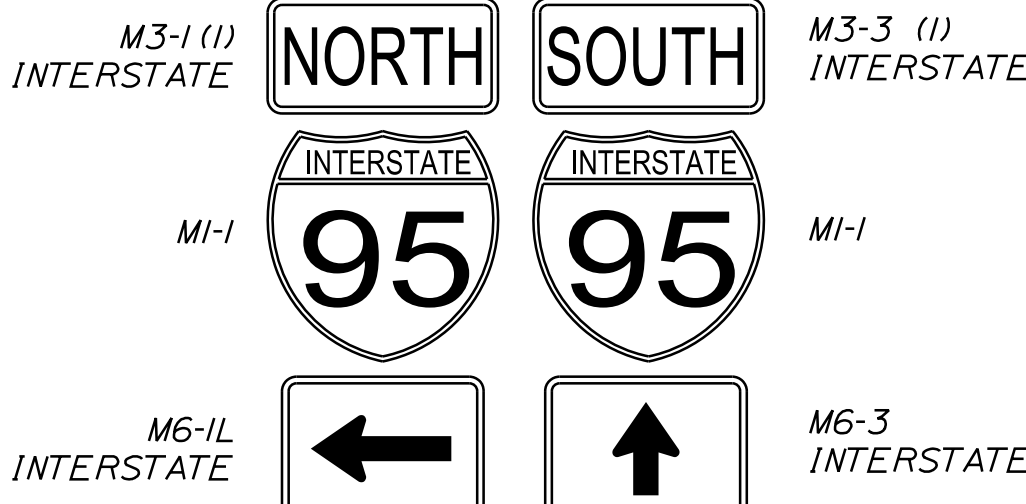
ASSEMBLY #9  
TRAFTON ROAD  
STA. 108+00 RT.  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



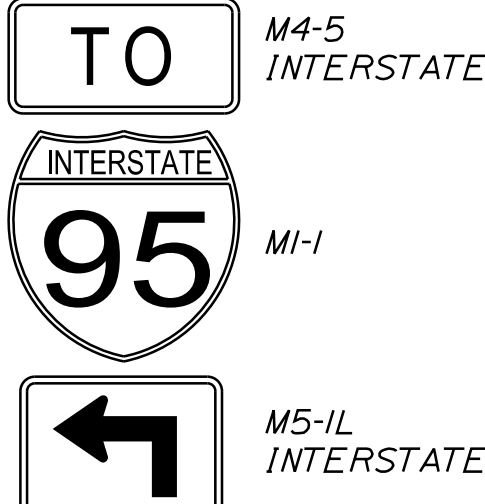
ASSEMBLY #10  
TRAFTON ROAD  
STA. 117+80 LT.  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



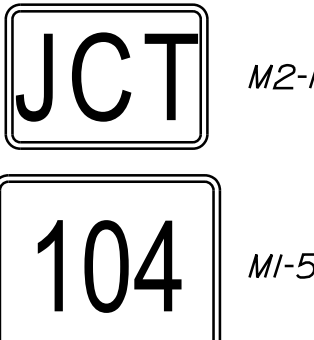
ASSEMBLY #11  
TRAFTON ROAD  
STA. 118+50 RT.  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



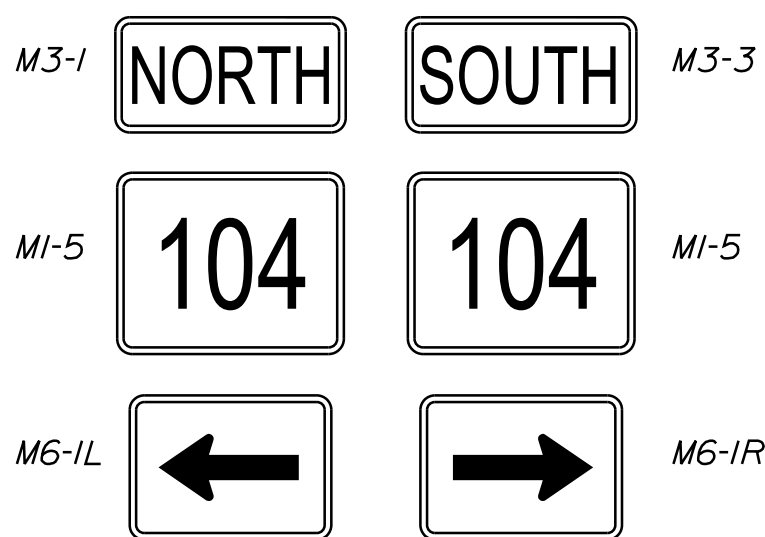
ASSEMBLY #12  
TRAFTON ROAD  
STA. 120+50 LT.  
SINGLE 6"X6" WOOD POST  
TYPE II SIGN  
AREA = 16.38 SF



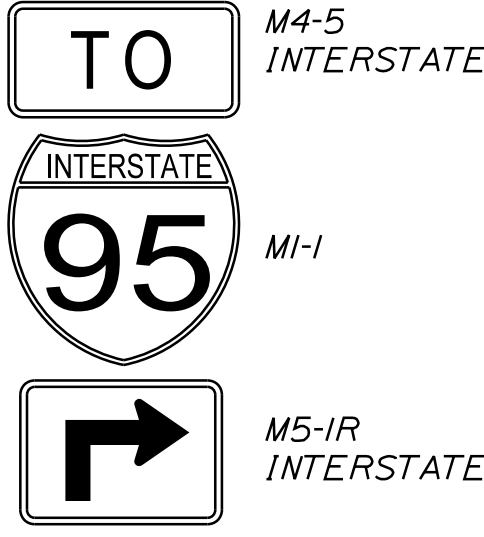
ASSEMBLY #13  
WEST RIVER ROAD  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



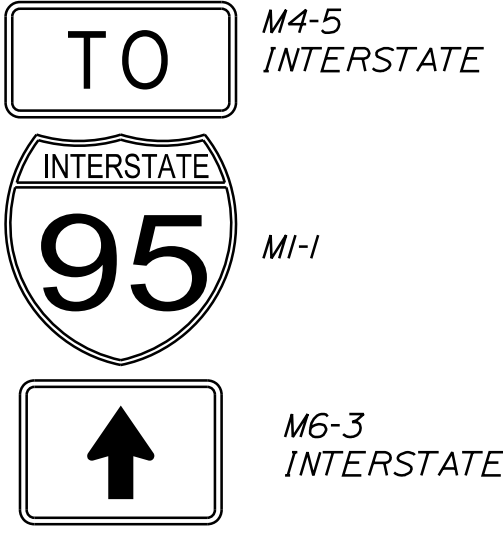
ASSEMBLY #14  
TRAFTON ROAD  
STA. 164+50 RT.  
SINGLE  
U-CHANNEL  
TYPE II SIGN  
AREA = 6.19 SF



ASSEMBLY #15  
TRAFTON ROAD  
STA. 170+50 RT.  
WEST RIVER ROAD  
STA. 2+00 RT  
SINGLE 6"X6" WOOD POST  
TYPE II SIGN  
AREA = 16.38 SF



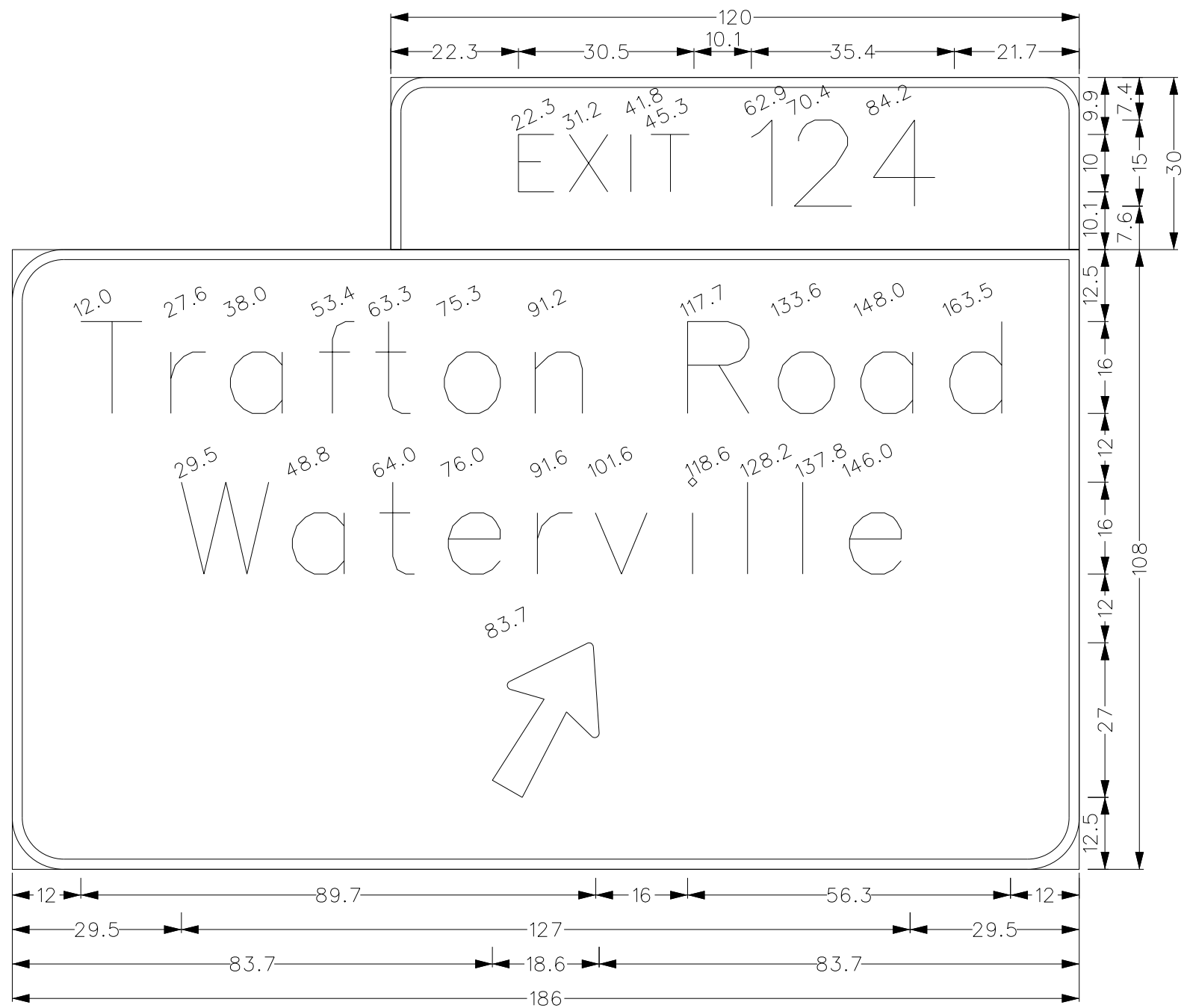
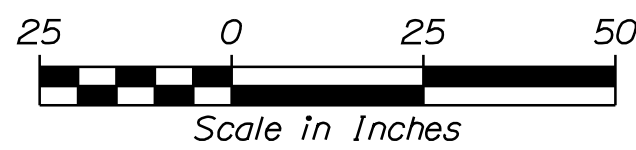
ASSEMBLY #16  
WEST RIVER ROAD  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF



ASSEMBLY #17  
TRAFTON ROAD  
168+50 LT.  
SINGLE 4"X4" WOOD POST  
TYPE II SIGN  
AREA = 8.19 SF

NOTE: SIGN AREA PROVIDED FOR SUPPORT SIZING. FOR ASSEMBLIES WITH SIGNS CONNECTED BACK TO BACK, LARGER SIGN FACE CONTROLS SUPPORT SIZING.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN 18129.10		HIGHWAY PLANS	
WATERVILLE AND SIDNEY TRAFTON ROAD INTERCHANGE		PROJ. MANAGER		E. MARTIN	BY	DATE	SIGNATURE
		DESIGN-DETAILED		M. DEBOWSKI			
		CHECKED-REVIEWED					
		DESIGN2-DETAILED2		S. BABALIS			
SIGN ASSEMBLY DETAILS		DESIGN3-DETAILED3		R. LEMIRE			P.E. NUMBER
		REVISIONS 1					
		REVISIONS 2					
		REVISIONS 3					
SHEET NUMBER		REVISIONS 4					DATE
		FIELD CHANGES					
169		OF 182					



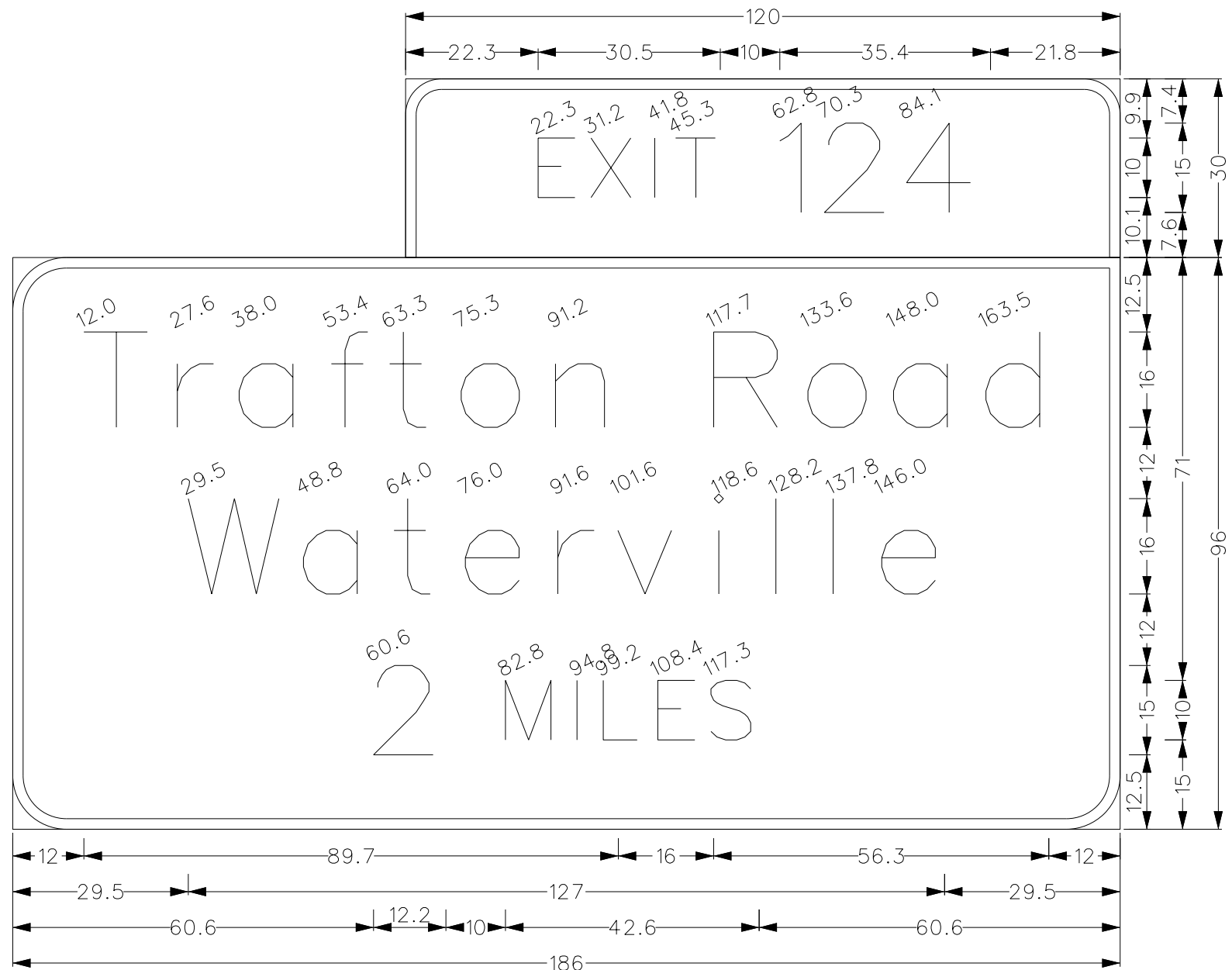
BORDER  
R=6"  
TH=1.8"

BORDER  
R=9"  
TH=1.8"

GUIDE SIGN #1A & 1B (GS-1 & GS-4)

SEE SHEET I66  
FOR SIGN LOCATIONS

DOUBLE W10X22 POSTS  
24" FOUNDATIONS  
TYPE 1 SIGN



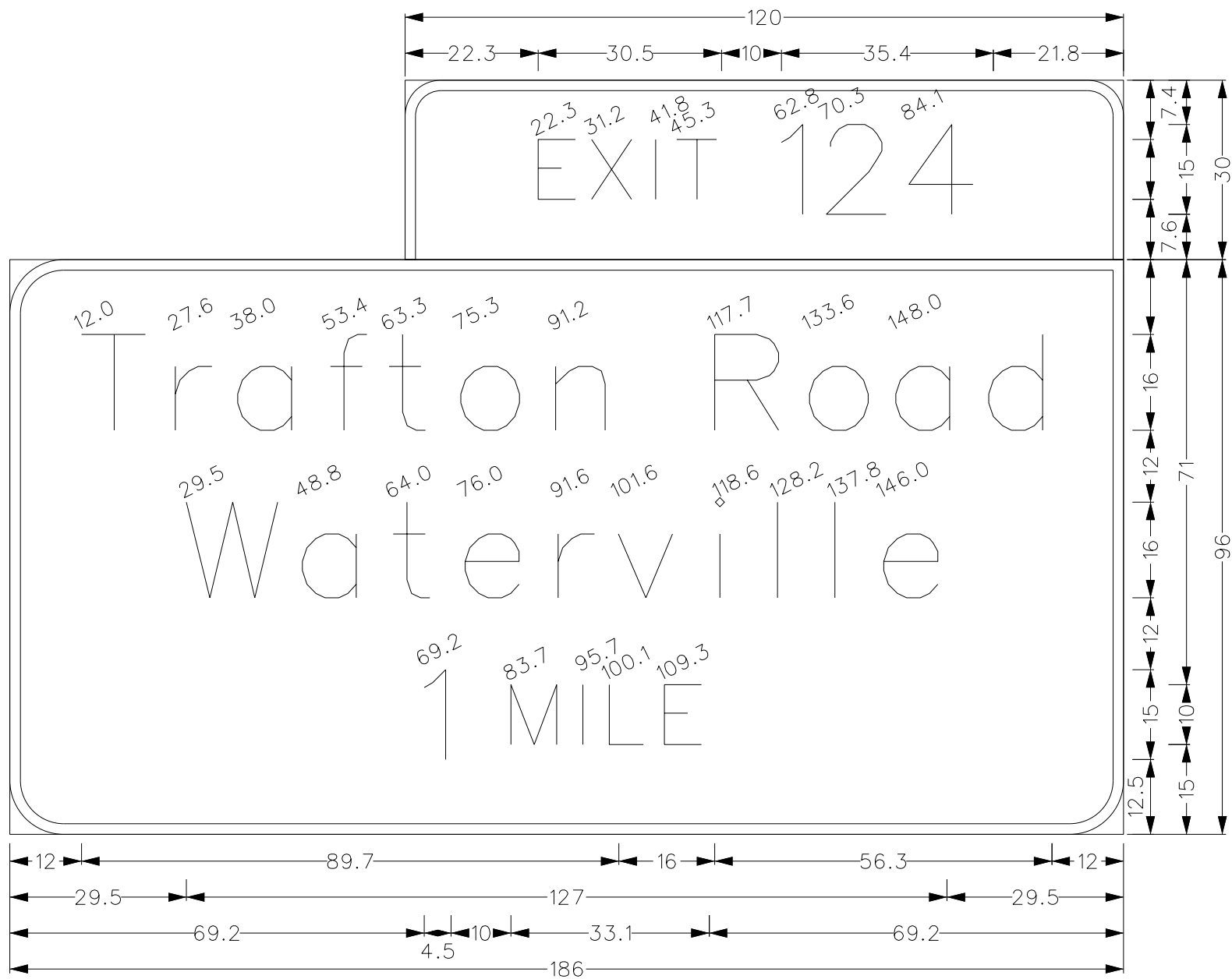
BORDER  
R=6"  
TH=1.8"

BORDER  
R=9"  
TH=1.8"

GUIDE SIGN #3A & 3B (GS-3 & GS-4)

SEE SHEET I66  
FOR SIGN LOCATIONS

DOUBLE W10X22 POSTS  
24" FOUNDATIONS  
TYPE 1 SIGN



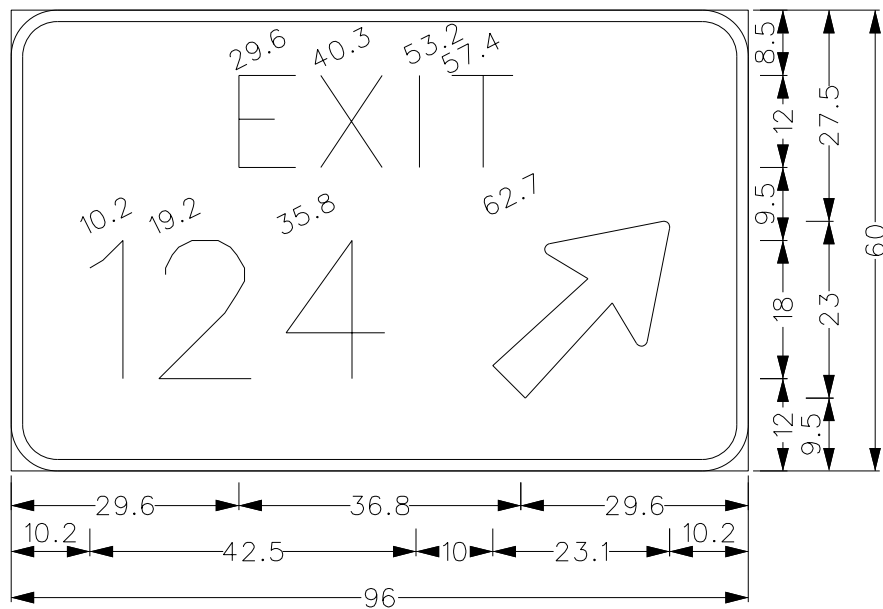
BORDER  
R=6"  
TH=1.8"

BORDER  
R=9"  
TH=1.8"

GUIDE SIGN #2A & 2B (GS-2 & GS-4)

SEE SHEET I66  
FOR SIGN LOCATIONS

DOUBLE W10X22 POSTS  
24" FOUNDATIONS  
TYPE 1 SIGN



BORDER  
R=6"  
TH=1.5"

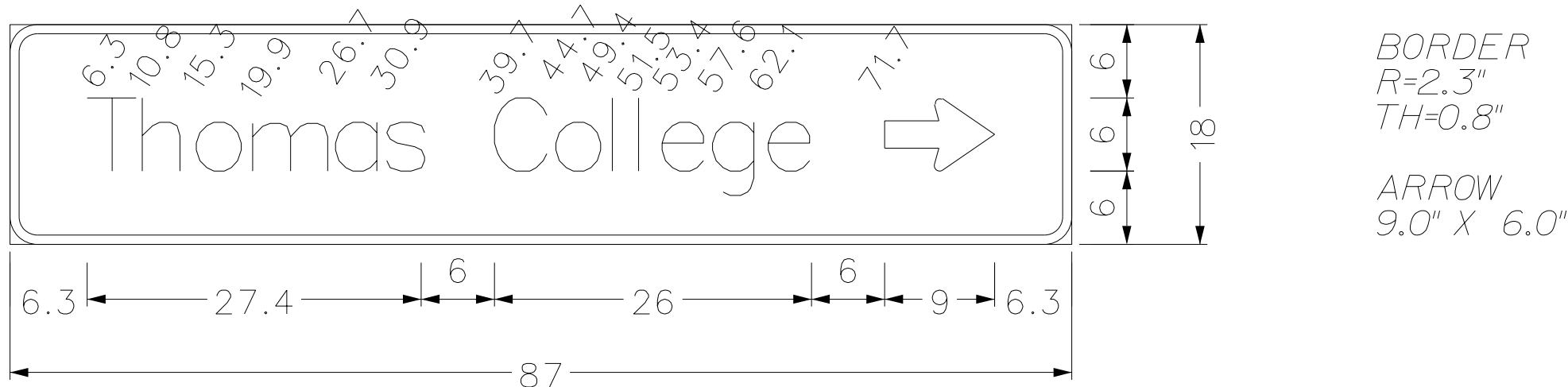
E5-1a

SEE ASSEMBLY #3

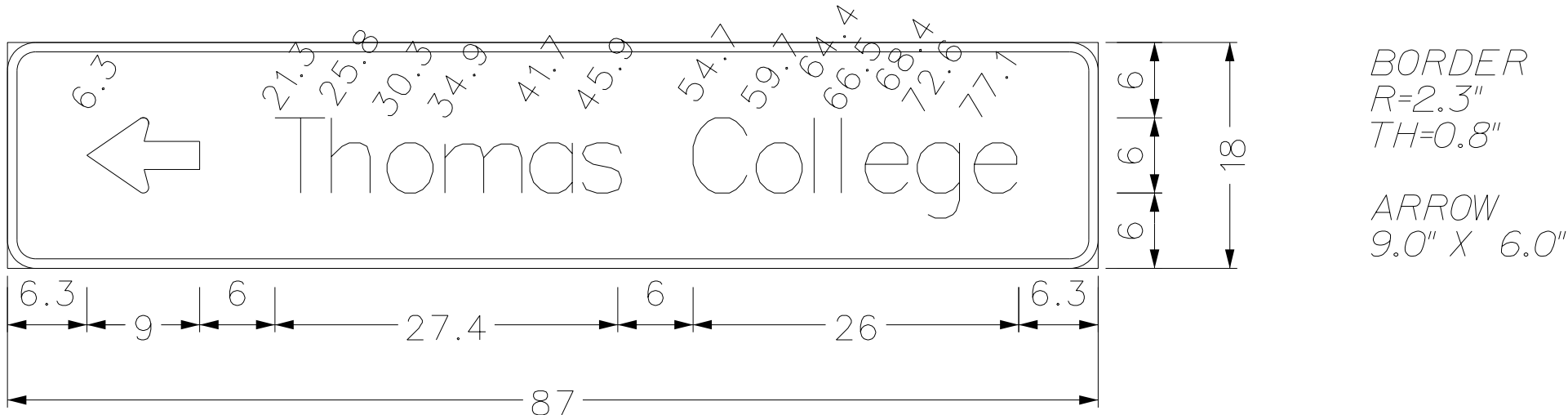
SIGN SUMMARY NOTES:

1. SIGN TEXT SHALL CONFORM TO MUTCD.
2. SIGN TYPE AND LOCATIONS SHALL BE IN ACCORDANCE WITH MUTCD.
3. SIGN LOCATIONS ARE APPROXIMATE AND TO BE VERIFIED IN THE FIELD.
4. DIMENSIONS ARE IN INCHES.
5. VALUES ABOVE SIGNS TEXT REPRESENTS DISTANCE BETWEEN LEFT EDGE OF SIGN TO THAT CHARACTER.
6. SIGN AREA PROVIDED FOR SUPPORT SIZING.

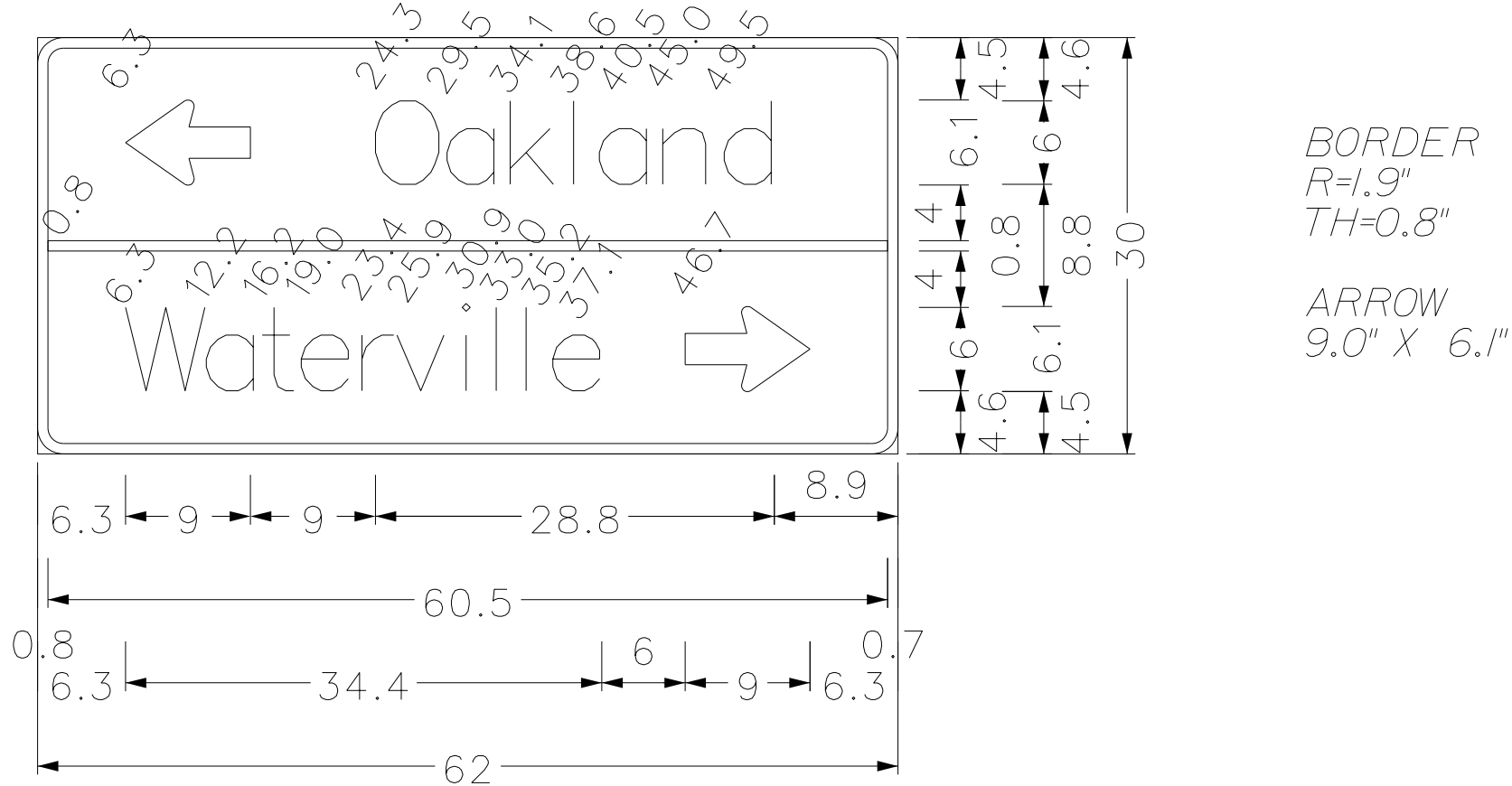
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE	
WATERVILLE AND SIDNEY		TRAFTON ROAD INTERCHANGE		GUIDE SIGN DETAILS		SHEET NUMBER		170	
OF 182		WIN		18129.10		HIGHWAY PLANS			



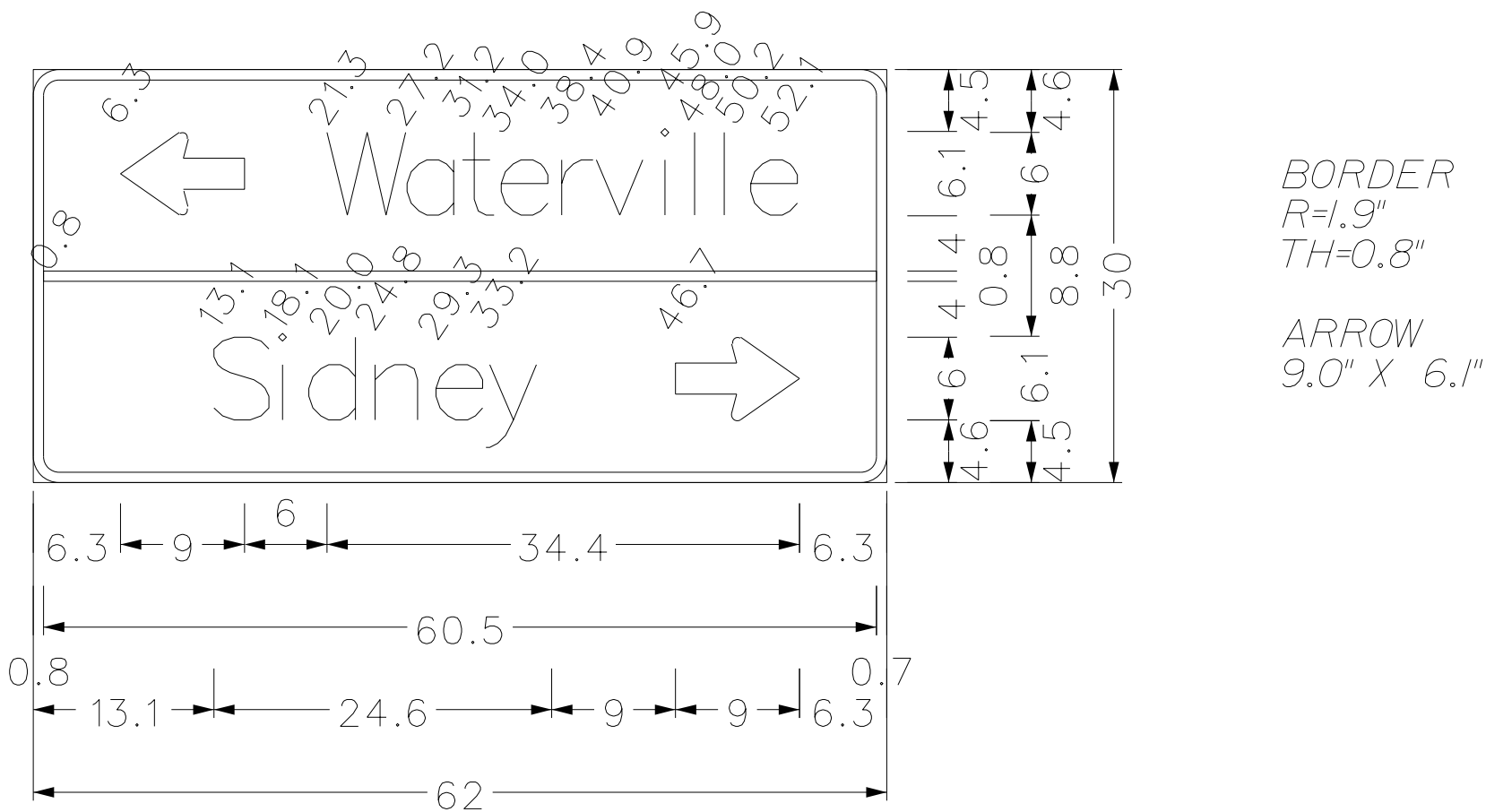
**DI-1(1)**  
SOUTHBOUND COMBINED RAMP  
STA. 704+50 RT.  
NORTHBOUND COMBINED RAMP  
STA. 401+50 RT.  
DOUBLE 4" X 6" WOOD POST  
TYPE II  
AREA = 10.875 SF



**DI-1(2)**  
TRAFTON ROAD  
STA. 166+50 RT.  
DOUBLE 4" X 6" WOOD POST  
TYPE II  
AREA = 10.875 SF

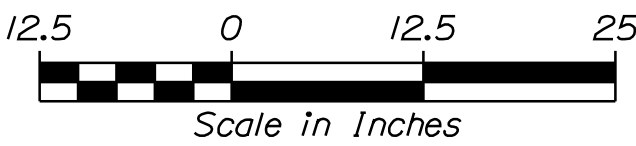


**DI-2(1)**  
SOUTHBOUND COMBINED RAMP  
STA. 705+50 RT.  
NORTHBOUND COMBINED RAMP  
STA. 403+00 RT.  
DOUBLE 4" X 6" WOOD POST  
TYPE II  
AREA = 12.92 SF



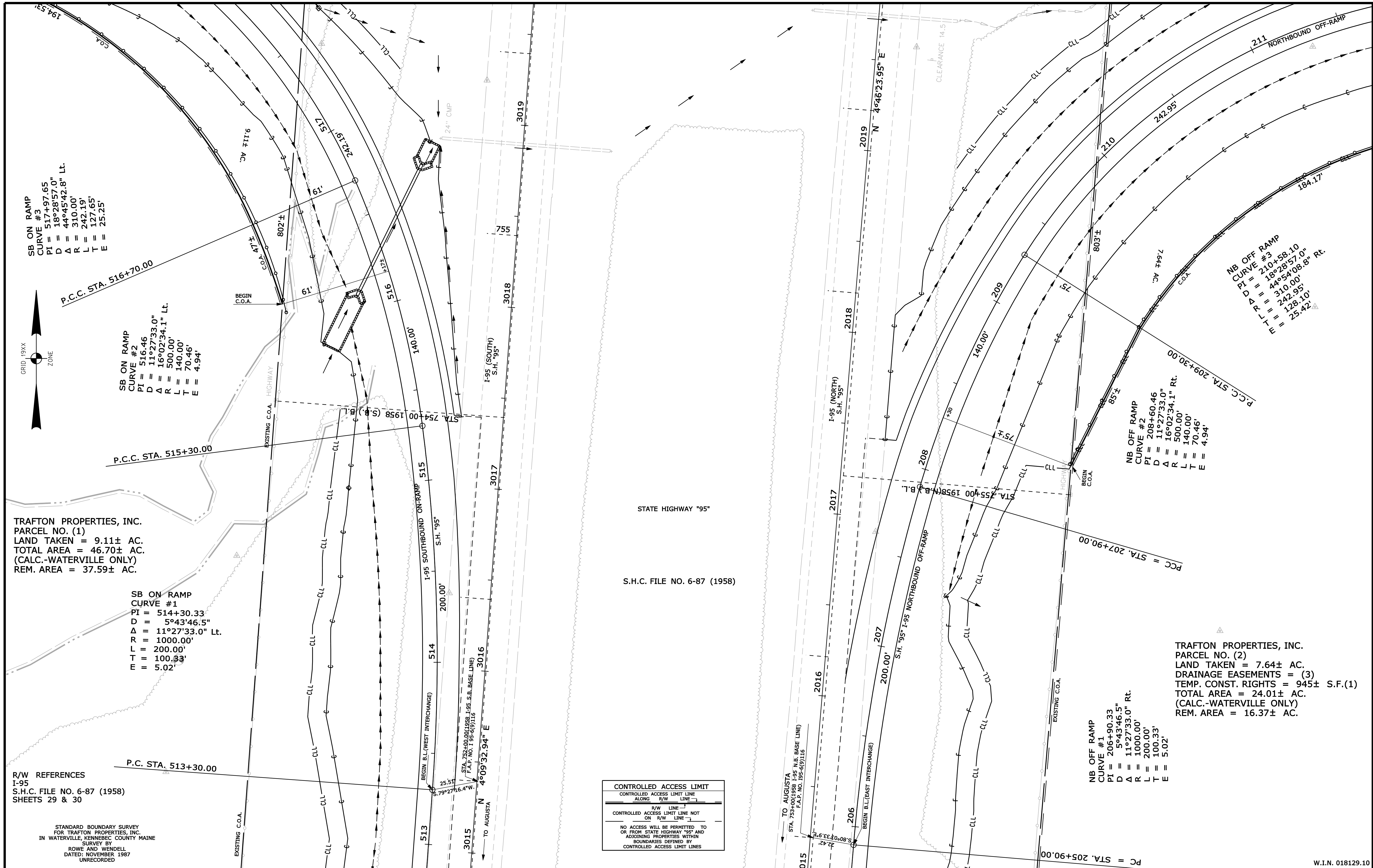
**DI-2(2)**  
TRAFTON ROAD  
STA. 168+50 RT.  
DOUBLE 4" X 6" WOOD POST  
TYPE II  
AREA = 12.92 SF

- SIGN SUMMARY NOTES:**
- SIGN TEXT SHALL CONFORM TO MUTCD.
  - SIGN TYPE AND LOCATIONS SHALL BE IN ACCORDANCE WITH MUTCD.
  - SIGN LOCATIONS ARE APPROXIMATE AND TO BE VERIFIED IN THE FIELD.
  - DIMENSIONS ARE IN INCHES.
  - VALUES ABOVE SIGNS TEXT REPRESENTS DISTANCE BETWEEN LEFT EDGE OF SIGN TO THAT CHARACTER.
  - SIGN AREA PROVIDED FOR SUPPORT SIZING.

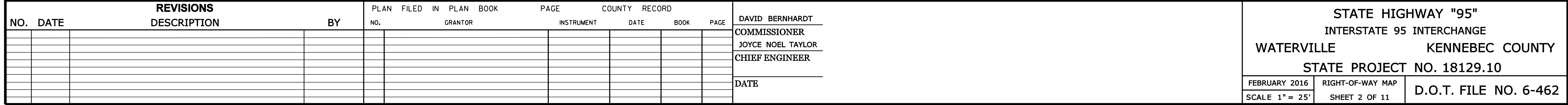


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE	
WATERVILLE AND SIDNEY		TRAFTON ROAD INTERCHANGE		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED	
GUIDE SIGN DETAILS		SHEET NUMBER		171		OF 182		WIN	
18129.10		HIGHWAY PLANS							



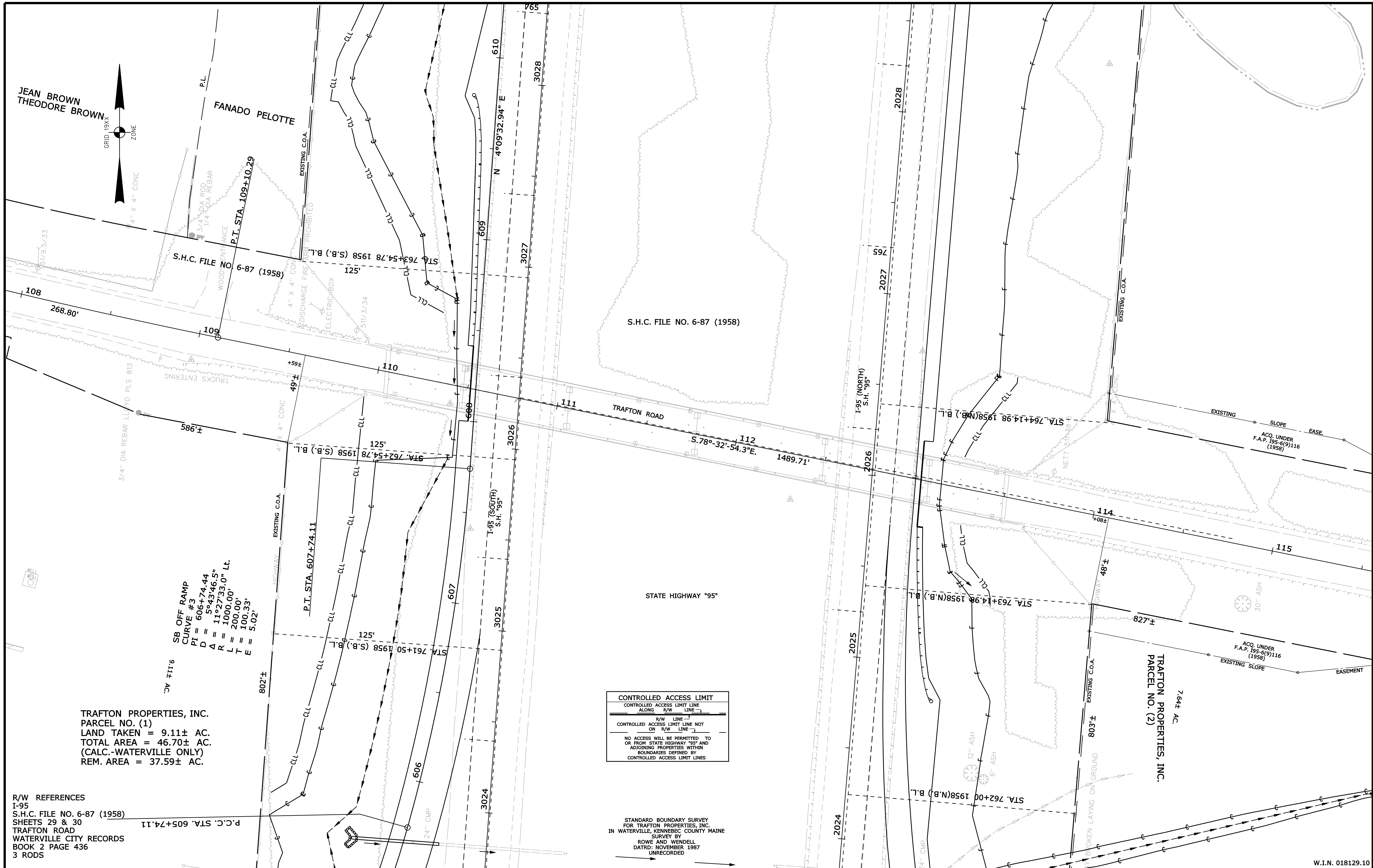


REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE	STATE HIGHWAY "95"		
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE		INTERSTATE 95 INTERCHANGE		
											WATERVILLE KENNEBEC COUNTY STATE PROJECT NO. 18129.10		
											FEBRUARY 2016	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-462
										SCALE 1" = 25'	SHEET 1 OF 11		

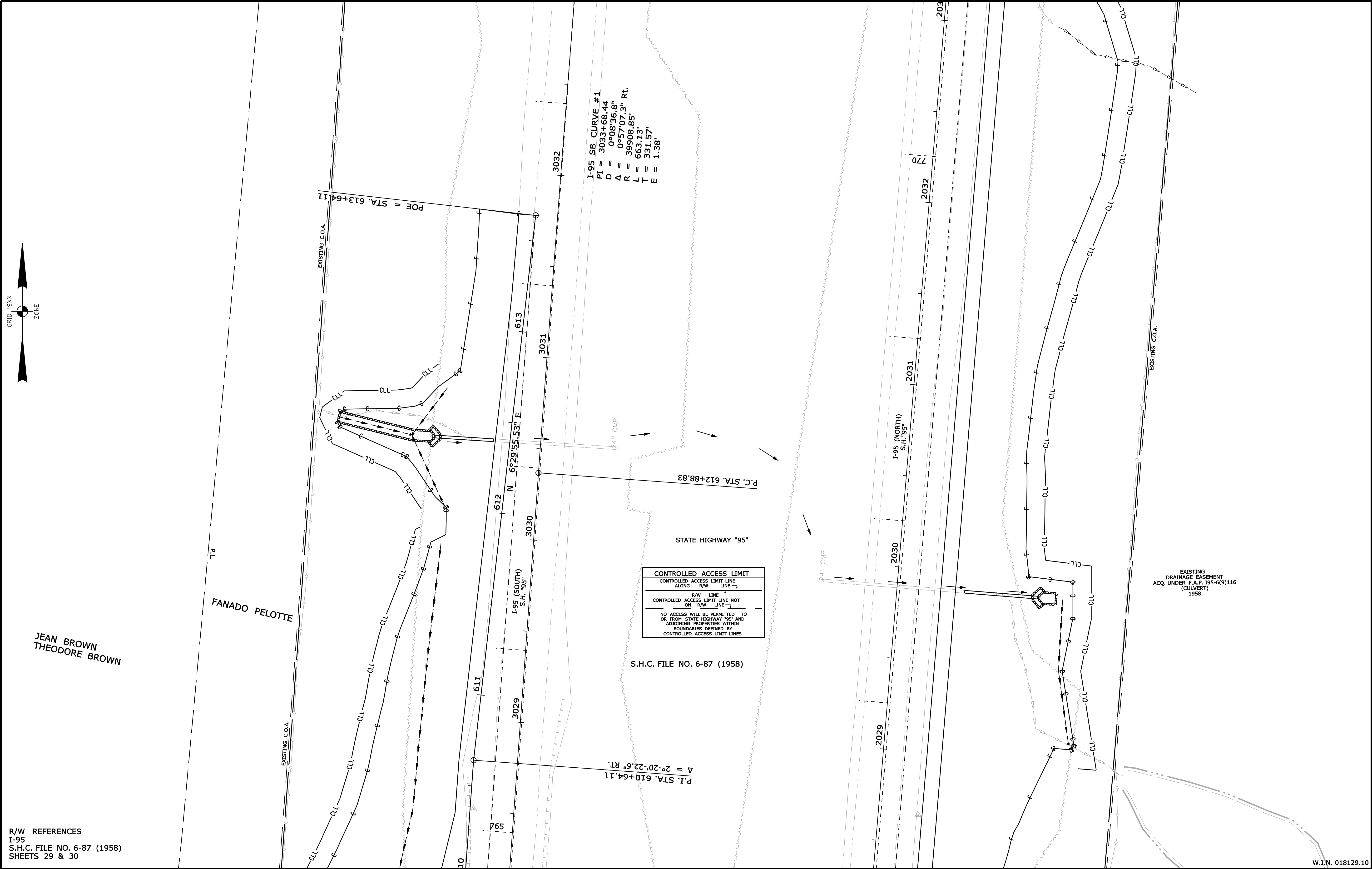


STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016		SHEET NUMBER	
<div> <div> <div>173</div> <div>OF 182</div> </div> </div>		<div> <div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016</div> </div> <div> <div>WATERVILLE</div> <div>RIGHT OF WAY MAP</div> </div> </div>	
ITEM	TECH	CHECKED	SYMBOLS
BASE MAP			<div> <div> <div>• IP or • PF (IRON PIPE or PIN FOUND)</div> <div>□ S.T. (SEPTIC TANK)</div> <div>□ (ROW MONUMENT)</div> <div>Δ BM (TRAVERSE POINT)</div> </div> <div> <div>— W— WATER LINE — W—</div> <div>— G— GAS LINE — G—</div> <div>— E— ELECTRIC LINE — E—</div> <div>— T— TELEPHONE LINE — T—</div> <div>— ) SEWER LINE — )</div> </div> <div> <div>○ WELL (WELL)</div> <div>— GRADING LIMIT LINE —</div> <div>— CONSTRUCTION LIMIT LINE —</div> <div>— PROPERTY LINE — PL —</div> </div> </div>
EXIST. R/W	D.W.B.		<div> <div>— LIMITS OF WROUGHT PORTION (L.O.W.P.)</div> <div>— EXISTING RIGHT OF WAY —</div> </div>
PROP. LINES	T.L.B.		<div> <div>— NEW RIGHT OF WAY —</div> <div>— NEW ROW WITHIN EXIST. ROW —</div> </div>
AREAS	T.L.B.	T.L.B.	<div> <div>— CONTROL OF ACCESS —</div> </div>





REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE	STATE HIGHWAY "95"		
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE		INTERSTATE 95 INTERCHANGE		
											WATERVILLE KENNEBEC COUNTY		
											STATE PROJECT NO. 18129.10		
											FEBRUARY 2016	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-462
											SCALE 1" = 25'	SHEET 3 OF 11	



R/W REFERENCES  
I-95  
S.H.C. FILE NO. 6-87 (1958)  
SHEETS 29 & 30

REVISIONS				PLAN FILED IN PLAN BOOK				PAGE				COUNTY RECORD				DAVID BERNHARDT				STATE HIGHWAY "95"				SHEET NUMBER			
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	COMMISSIONER	JOYCE NOEL TAYLOR	CHIEF ENGINEER	DATE	INTERSTATE 95 INTERCHANGE				175			
																				WATERVILLE				OF 182			
																				KENNEBEC COUNTY							
																				STATE PROJECT NO. 18129.10							
																				FEBRUARY 2016				D.O.T. FILE NO. 6-462			
																				SCALE 1" = 25'							
																				RIGHT-OF-WAY MAP							
																				SHEET 4 OF 11							

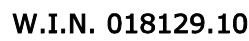


**CONTROLLED ACCESS LIMIT**

CONTROLLED ACCESS LIMIT LINE  
ALONG R/W LINE

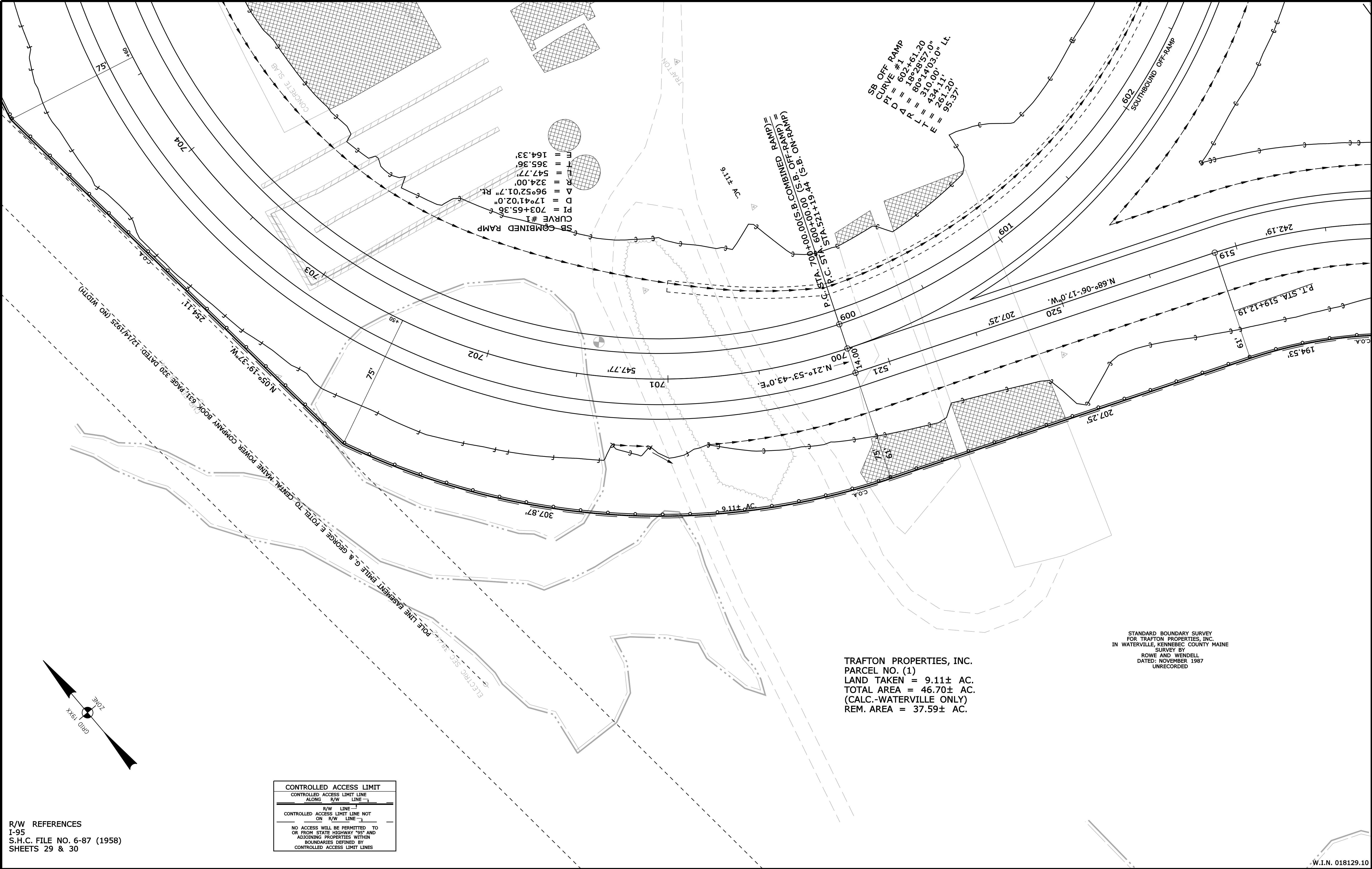
R/W LINE  
CONTROLLED ACCESS LIMIT LINE NOT  
ON R/W LINE

NO ACCESS WILL BE PERMITTED TO  
OR FROM STATE HIGHWAY 197  
AND ADJOINING PROPERTIES WITHIN  
BOUNDARIES DEFINED BY  
CONTROLLED ACCESS LIMIT LINES



REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE	STATE HIGHWAY "95" INTERSTATE 95 INTERCHANGE WATERVILLE KENNEBEC COUNTY STATE PROJECT NO. 18129.10			SHEET NUMBER  176  OF 182				
NO. DATE		DESCRIPTION		BY		NO. GRANTOR		INSTRUMENT			DATE		BOOK		PAGE			
																FEBRUARY 2016	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-462
																SCALE 1" = 25'	SHEET 5 OF 11	





R/W REFERENCES  
I-95  
S.H.C. FILE NO. 6-87 (1958)  
SHEETS 29 & 30

CONTROLLED ACCESS LIMIT  
CONTROLLED ACCESS LIMIT LINE  
ALONG R/W LINE  
R/W LINE  
CONTROLLED ACCESS LIMIT LINE NOT ON R/W LINE  
NO ACCESS WILL BE PERMITTED TO OR FROM STATE HIGHWAY "95" AND ADJOINING PROPERTIES WITHIN BOUNDARIES DEFINED BY CONTROLLED ACCESS LIMIT LINES

TRAFTON PROPERTIES, INC.  
PARCEL NO. (1)  
LAND TAKEN = 9.11± AC.  
TOTAL AREA = 46.70± AC.  
(CALC.-WATERVILLE ONLY)  
REM. AREA = 37.59± AC.

STANDARD BOUNDARY SURVEY  
FOR TRAFTON PROPERTIES, INC.  
IN WATERVILLE, KENNEBEC COUNTY MAINE  
SURVEY BY  
ROWE AND WENDELL  
DATED: NOVEMBER 1987  
UNRECORDED

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

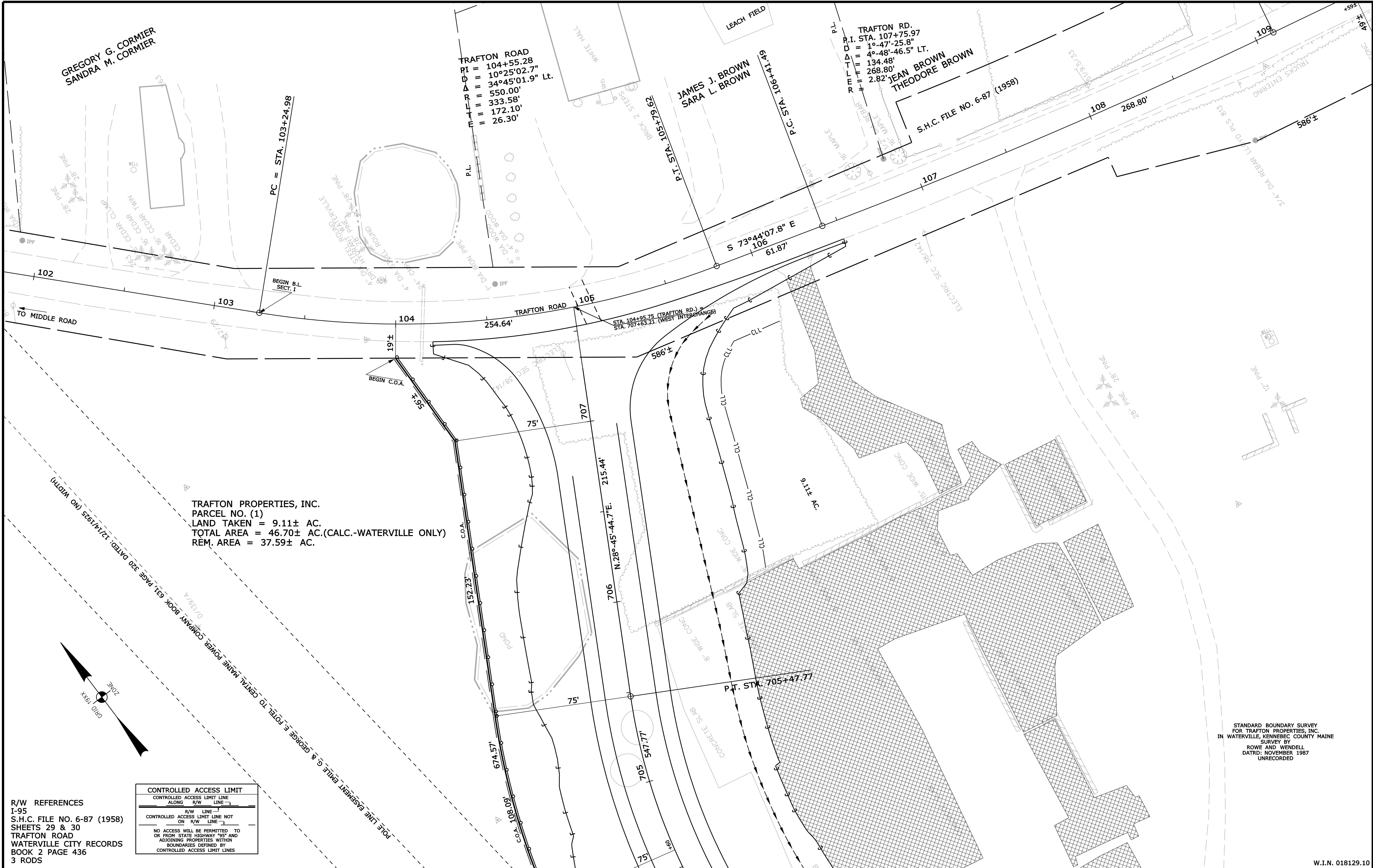
ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.L.B.

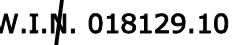
SYMBOLS

• IP or • IIP (IRON PIPE or PIN FOUND)  
□ S.T. (SEPTIC TANK)  
△ BM (BENCH MARK)  
— GRADING LIMIT LINE  
— CONSTRUCTION LIMIT LINE  
— PROPERTY LINE  
— PL  
— LIMITS OF TROUGHT PORTION (LOW P.)  
— EXISTING RIGHT OF WAY  
— NEW RIGHT OF WAY  
— NEW ROW WITHIN EXIST. ROW  
— CONTROL OF ACCESS

REVISIONS				PLAN FILED IN PLAN BOOK						PAGE				COUNTY RECORD				DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE											
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE														



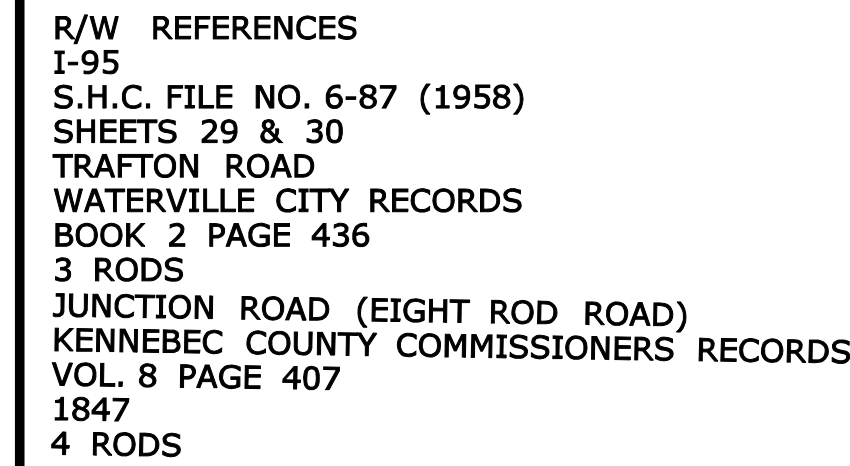




REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE	STATE HIGHWAY "95"		
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE		INTERSTATE 95 INTERCHANGE		
										WATERVILLE KENNEBEC COUNTY			
										STATE PROJECT NO. 18129.10			
										FEBRUARY 2016	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-462	
										SCALE 1" = 25'	SHEET 8 OF 11		

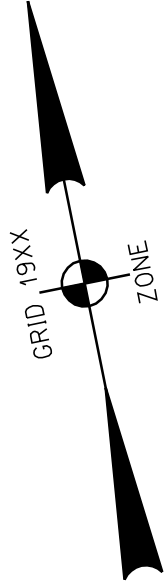
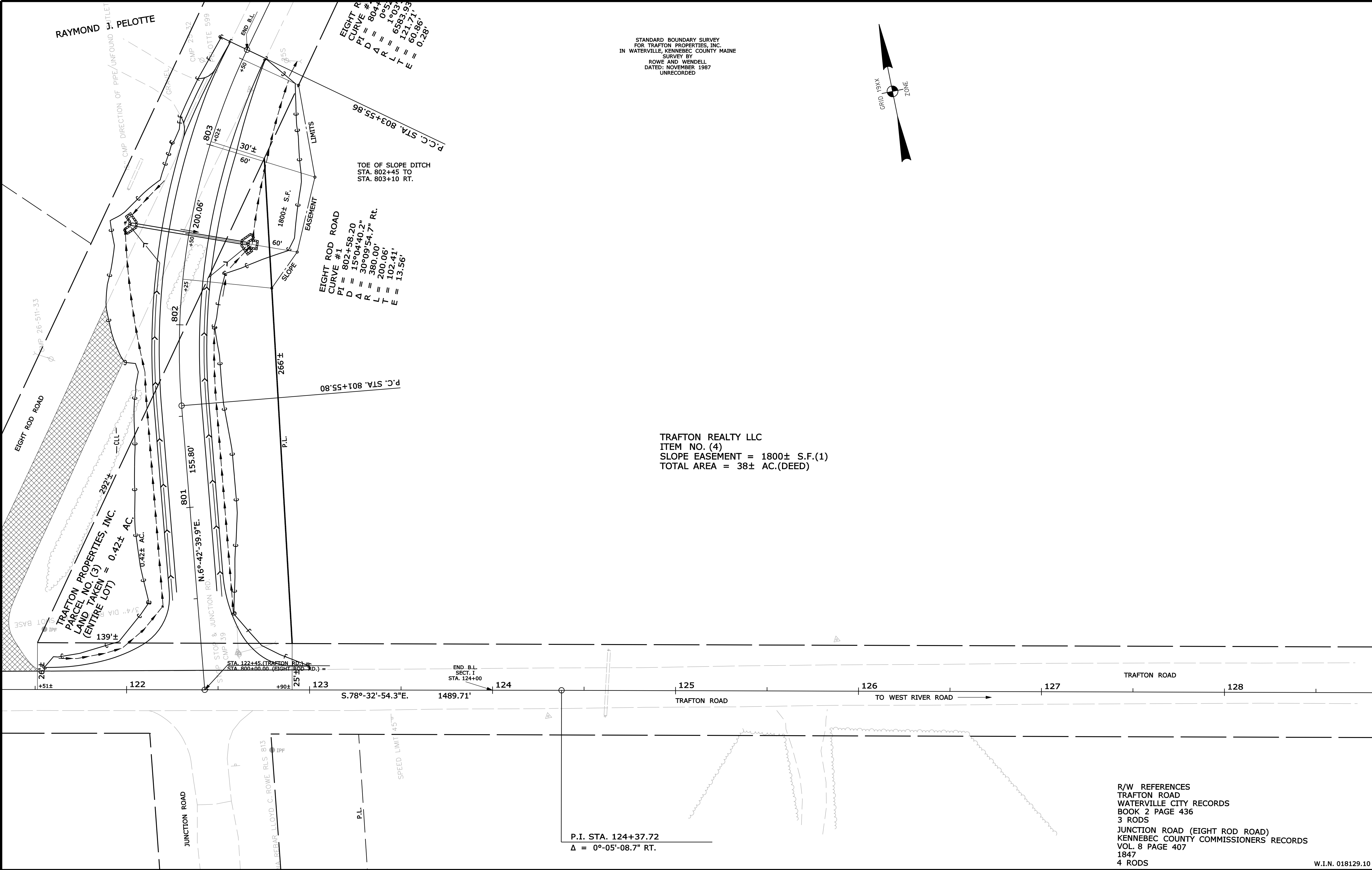
STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016			SHEET NUMBER  179 OF 182	
ITEM	TECH	CHECKED	SYMBOLS	
BASE MAP			• IP or • IPF (IRON PIPE or PIN FOUND) □ S.T. (SEPTIC TANK) □ C.W. (CIVIL WORK) Δ BM (BENCHMARK) — W— WATER LINE — W— — G— GAS LINE — G— — E— ELECTRIC LINE — E— — T— TELEPHONE LINE — T— — ) SEWER LINE — )	
EXIST. R/W	D.W.B.		○ WELL (WELL) --- GRADING LIMIT LINE --- --- CONSTRUCTION LIMIT LINE --- --- PROPERTY LINE --- PL --- --- LIMITS OF WROUGHT PORTION (L.O.W.P.) --- --- EXISTING RIGHT OF WAY --- --- NEW RIGHT OF WAY --- --- NEW ROW WITHIN EXIST. ROW --- --- CONTROL OF ACCESS ---	
PROP. LINES	T.L.B.			
AREAS	T.L.B.	T.L.B.		





REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE	STATE HIGHWAY "95"		
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE		INTERSTATE 95 INTERCHANGE		
										WATERVILLE KENNEBEC COUNTY			
										STATE PROJECT NO. 18129.10			
										FEBRUARY 2016	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-462	
										SCALE 1" = 25'	SHEET 9 OF 11		

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016		WATERVILLE RIGHT OF WAY MAP		ITEM	TECH	CHECKED	SYMBOLS	
BASE	MAP						• IP of • HW (IRON PIPE - 8" MIN FOUND) • ST (SEPTIC TANK) □ (ROW MONUMENT) Δ BM (TRAVERSE POINT)	○ WELL — GRADING LIMIT LINE — CONSTRUCTION LIMIT LINE PL — PROPERTY LINE PL — LIMITS OF WROUGHT PORTION (L.O.W.P.) — EXISTING RIGHT OF WAY — NEW RIGHT OF WAY — NEW ROW WITHIN EXIST. ROW — CONTROL OF ACCESS
EXIST.	R/W	D.W.B.					— WATER LINE — W — — GAS LINE — G — — ELECTRIC LINE — E — — TELEPHONE LINE — T — — SEWER LINE — S —	
PROP.	LINE	T.L.B.						
AREAS		T.L.B.						



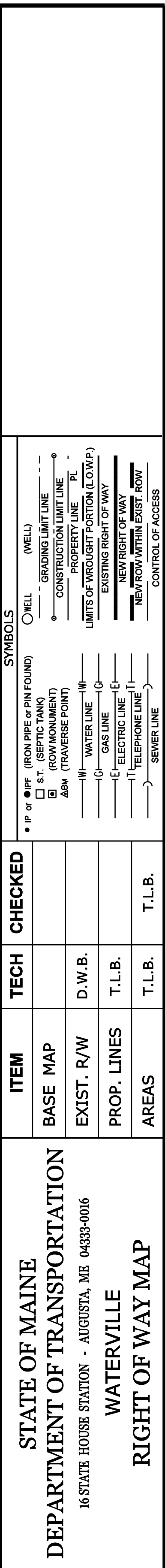
REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						DAVID BERNHARDT COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER  DATE										STATE HIGHWAY "95"			
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE											INTERSTATE 95 INTERCHANGE			
																				WATERVILLE KENNEBEC COUNTY			
																				STATE PROJECT NO. 18129.10			
										2016			RIGHT-OF-WAY MAP		D.O.T. FILE NO. 6-462								
										SCALE 1" = 25'			SHEET 10 OF 11										

SYMBOLS	
• IP or • IPF (IRON PIPE or PIN FOUND)	○ WELL (WELL)
□ S.T. (SEPTIC TANK)	--- GRADING LIMIT LINE
△ S.T. (SEPTIC TANK)	--- CONSTRUCTION LIMIT LINE
△ S.T. (SEPTIC TANK)	--- PROPERTY LINE
△ S.T. (SEPTIC TANK)	--- LIMITS OF WRIGHT PORTION (LOW.P.)
△ S.T. (SEPTIC TANK)	--- EXISTING RIGHT OF WAY
△ S.T. (SEPTIC TANK)	--- NEW RIGHT OF WAY
△ S.T. (SEPTIC TANK)	--- NEW ROW WITHIN EXIST. ROW
△ S.T. (SEPTIC TANK)	--- CONTROL OF ACCESS

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

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

181  
OF 182



SHEET NUMBER  
182  
OF 182



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: AASHTO Standard Specifications for Highway Bridges 1961 with Interim Specifications.

DESIGN LOADING

HS 20-44 (Modified for Interstate)

MATERIALS

Concrete:  
Structural Wearing Surface.....Class "LP"  
Barriers, Curbs, Sidewalks & Transition Barriers.....Class "LP"  
All Other.....Class "A"  
Reinforcing Steel.....ASTM A 615/A 615M, Grade 60  
Structural Steel:  
All Material (except as noted).....ASTM A 709, Grade 50  
High Strength Bolts.....ASTM A 325, Type 3  
Hex Nuts and Heavy Hex Nuts.....Galvanized, ASTM153

BASIC DESIGN STRESSES

Concrete.....f 'c = 4350 psi  
Reinforcing Steel.....f y = 60,000 psi  
Structural Steel:  
ASTM A 709, Grade 50.....F y = 50,000 psi  
ASTM A 709, Grade 36.....F y = 36,000 psi  
ASTM A 325.....F μ = 120,000 psi

WATERVILLE  
KENNEBEC  
TRAFTON ROAD BRIDGE  
OVER  
I-95 SOUTHBOUND LANE  
I-95 & TRAFTON RD. I/C  
EXTERIOR GIRDER REPLACEMENT  
PROJECT LENGTH - Less Than 0.01 mi.  
BRIDGE NO. 5812

LIST OF DRAWINGS

Title Sheet.....	B1
General Plans, Notes & Estimated Quantities.....	B2
Staging Plans.....	B3-B4
Fieldwork Plans & Details.....	B5-B6
Superstructure Plans.....	B7
Steel Details.....	B8
Traffic Control Plans.....	B9
Detour Plans.....	B10

UTILITIES

Central Maine Power  
Fairpoint Communications  
Time Warner Cable

MAINTENANCE OF TRAFFIC

Maintain one 12'-0" wide lane of alternating two - way traffic using traffic signals on Trafton Road. Two (2) night time closures of the I-95 Southbound lane will be required to remove existing damaged girder and set new girder. See Special Provision -

PROJECT LOCATION	On Trafton Road over I-95 Southbound in Sidney Lat./Long. 44°30'28.7" N 69°42'11.6" W
PROGRAM AREA	Bridge Maintenance
OUTLINE OF WORK	Replacement of damaged exterior beam in kind.

021203.00

WIN 21203.00

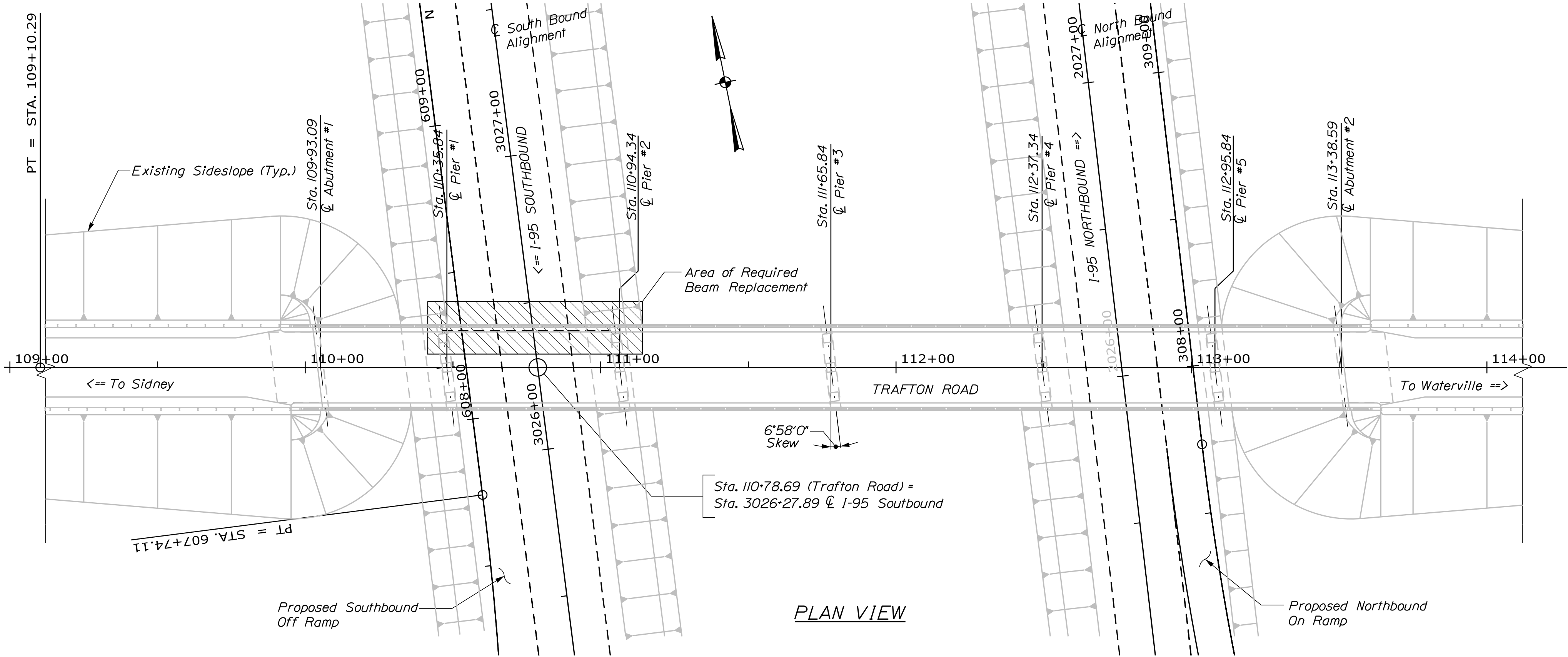
021203.00

WATERVILLE TRAFTON ROAD BRIDGE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	APPROVED 	DATE 6/9/16
TITLE SHEET	COMMISSIONER David L. Cyr	
	CHIEF ENGINEER David L. Cyr	
PROJECT INFORMATION		
PROGRAM Bridge & Structure Maintenance	PROJECT MANAGER B. Snowden	DESIGNER B. Doukas
CONSULTANT	PROJECT RESIDENT	CONTRACTOR
PROJECT COMPLETION DATE		



ESTIMATED QUANTITIES		
LOCATION	QUANTITY	UNIT
Removing Existing Concrete - Property of Contractor (2I CY)	1	LS
Removing Pavement Surfaces (70 SY)	1	LS
Hot Mix Asphalt 12.5 MM Nominal Maximum Size (Polymer Modified)	12	TON
Bituminous Tack Coat, Applied	2	GAL
Structural Concrete - Roadway & Sidewalk Slab on Steel Bridges (14 CY)	1	LS
Structural Concrete Curbs and Sidewalks (7 CY)	1	LS
Reinforcing Steel, Fabricated and Delivered	4400	LB
Reinforcing Steel, Placing	4400	LB
Structural Steel - Fabricated and Delivered (7800 LBS)	1	LS
Structural Steel Erection (7800 LBS)	1	LS
Shear Connectors	1	LS
Zinc Rich Coating System (Shop Applied)	1	LS
Aluminum Bridge Rail, Remove and Reset	1	LF
Membrane Waterproofing (55 SY)	1	LS
High Performance Membrane Waterproofing (55 SY)	1	LS
Curing Boxes for Concrete Cylinders	1	EA

ESTIMATED QUANTITIES		
LOCATION	QUANTITY	UNIT
Protective Coating for Concrete Surfaces (40 SY)	1	LS
Laminated Elastomeric Bearings, Fixed (Lubrite)	1	EA
Laminated Elastomeric Bearings, Expansion (Lubrite)	1	EA
Protective Shield	1	LS
Temporary Concrete Barrier Type 1	260	LF
Bituminous Sealing Coat - Black	98	SY
White or Yellow Pavement Marking Line	70	LF
Hand Labor, Straight Time	20	HR
All-Purpose Excavator (Including Operator)	10	HR
Truck - Large (Including Operator)	10	HR
Type III Barricades	10	EA
Drum	90	EA
Cone	180	EA
Construction Signs	1193	SF
Maintenance Of Traffic Control Devices (90 CD)	1	LS
Flaggers	20	HR
Portable Changeable Message Sign	2	EA
Temporary Soil Erosion and Water Pollution Control	1	LS
Mobilization	1	LS



PLAN VIEW

GENERAL CONSTRUCTION NOTES:

1. Project information referred below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contracts/index.shtml>.
2. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during it's life span.
3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
4. The Contractor shall submit a Bridge Demolition Plan to the Resident at least 10 business days prior to the start of demolition work. The plan shall outline the methods and equipment to be used to remove and dispose of all materials included in the existing bridge. No work related to the removal of the bridge shall be undertaken by the Contractor until MaineDOT has reviewed the Bridge Demolition Plan for appropriateness and completeness. Payment for all work necessary for developing, submitting and finalizing the Demolition Plan will be considered incidental to the bridge removal pay item.
5. A portion of the existing bridge shall be removed by and become the property of the Contractor except where noted. The steel portions of the existing bridge are coated with a lead based paint system. The Contractor is responsible for the containment, proper management and disposal of all lead-contaminated hazardous waste generated by the process of demolishing the bridge. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to this process. Once the designated portion of the existing bridge is removed, the Contractor is solely responsible for the care, custody and control of the components of the existing bridge and any hazardous waste generated as a result of the storage, recycling or disposal of the bridge components, including lead-coated steel. The Contractor shall recycle or reuse the steel in accordance with the Maine Department of Environmental Protection's "Maine Hazardous Waste Management Regulations", Chapter 850. A copy of this regulation is available at MaineDOT's offices on Child Street in Augusta.
6. During demolition of the bridge, care shall be taken as not to damage the pavement or traveling public on the roadway below. Protective shield will be put in place on the existing structure during demolition and as needed during other construction activities in the work area, to provide protection for the traveling public and the roadway below the structure.
7. The existing aluminum rail posts and tube sections shall be re-used. Care shall be taken not to damage the rail or posts during removal. New attachments and anchorages shall be used for re-installation on the new portion of the bridge.
8. Quantities included are provided by MaineDOT for informational purposes only. The project in its entirety will be paid for under Lump Sum Item 910.301, Special Work with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities.
9. The Northern Long Ear Bat may occupy cracks and crevices in and under bridges. If bats are observed on the bridge or leaving the bridge when work is taking place, the Contractor should stop work and contact the project Resident. The Resident will contact the MaineDOT Environmental Office.
10. If notified of observed bats, the Department will review the site and provide appropriate project direction. The Department's Standard Specifications, Subsection 109.5 Adjustment for Delays, Paragraph B Compensable Delay will be applied if the Contractor is delayed as a result of the provision.
11. The Contractor shall be responsible for any traffic control necessary on the I-95 Southbound roadway and on the Trafton Road, including the Trafton Road bridge.
12. Contractor shall re-establish bridge centerline before removal of deck. Do not rely on crown in roadway or pavement markings to indicate bridge centerline.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
021203.00

BRIDGE NO. 6812  
WIN  
21203.00  
BRIDGE PLANS

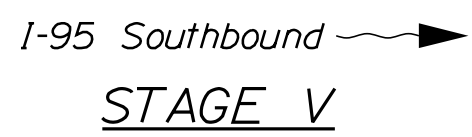
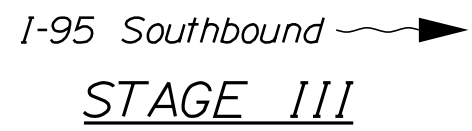
TRAFTON ROAD BRIDGE  
I-95 SOUTHBOUND LANE  
WATERVILLE  
KENNEBEC

GENERAL PLANS, NOTES  
& ESTIMATED QUANTITIES

SHEET NUMBER  
B2  
OF 10

PROJ. MANAGER	E. MARTIN	BY	G. LIBBY	DATE	MAR 2016
CHECKED-DETAILED	B. DOUKAS			SIGNATURE	
DESIGNED-DETAILED	B. DOUKAS			P.E. NUMBER	
REVISIONS 1	REVISED THE 15 FINAL ESTIMATED QUANTITIES			DATE	
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					





1. Install new Girder Marked A1 between Pier #1 & Pier #2.
2. Install new Diaphragm Connection Plates to match location of Existing Diaphragms attached to Girder S - 6.

1. *Install New Deck, Curb and Diaphragm Reinforcement.*
2. *Reset Expansion Dams at Pier #1 & Pier #2. Install new compression seals in accordance with manufacturer. Seal shall be selected from MaineDOT Qualified product list of Bridge Compression Seals. Alternate seal of EMSEAL or SILCOFLEX is acceptable, with size and installation in accordance with manufacturer.*
3. *Place New Deck, Curb and Diaphragm Concrete.*
4. *Reinstall Original Aluminum Bridge Rail.*

1. Install New Membrane on Bridge Deck. Add HMA to match existing Wearing Surface on Bridge Deck.
2. Remove Traffic Control devices and open Bridge.

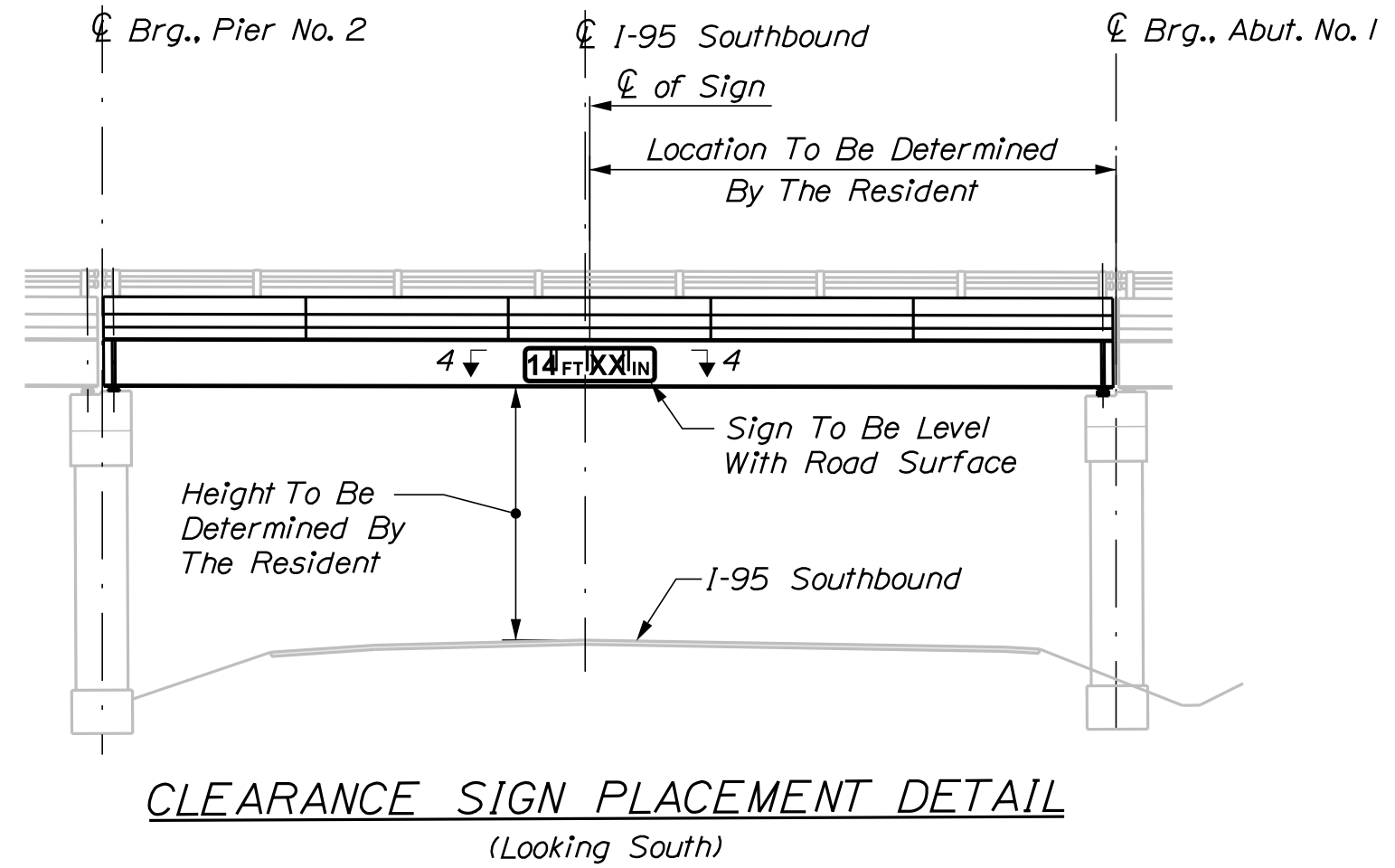
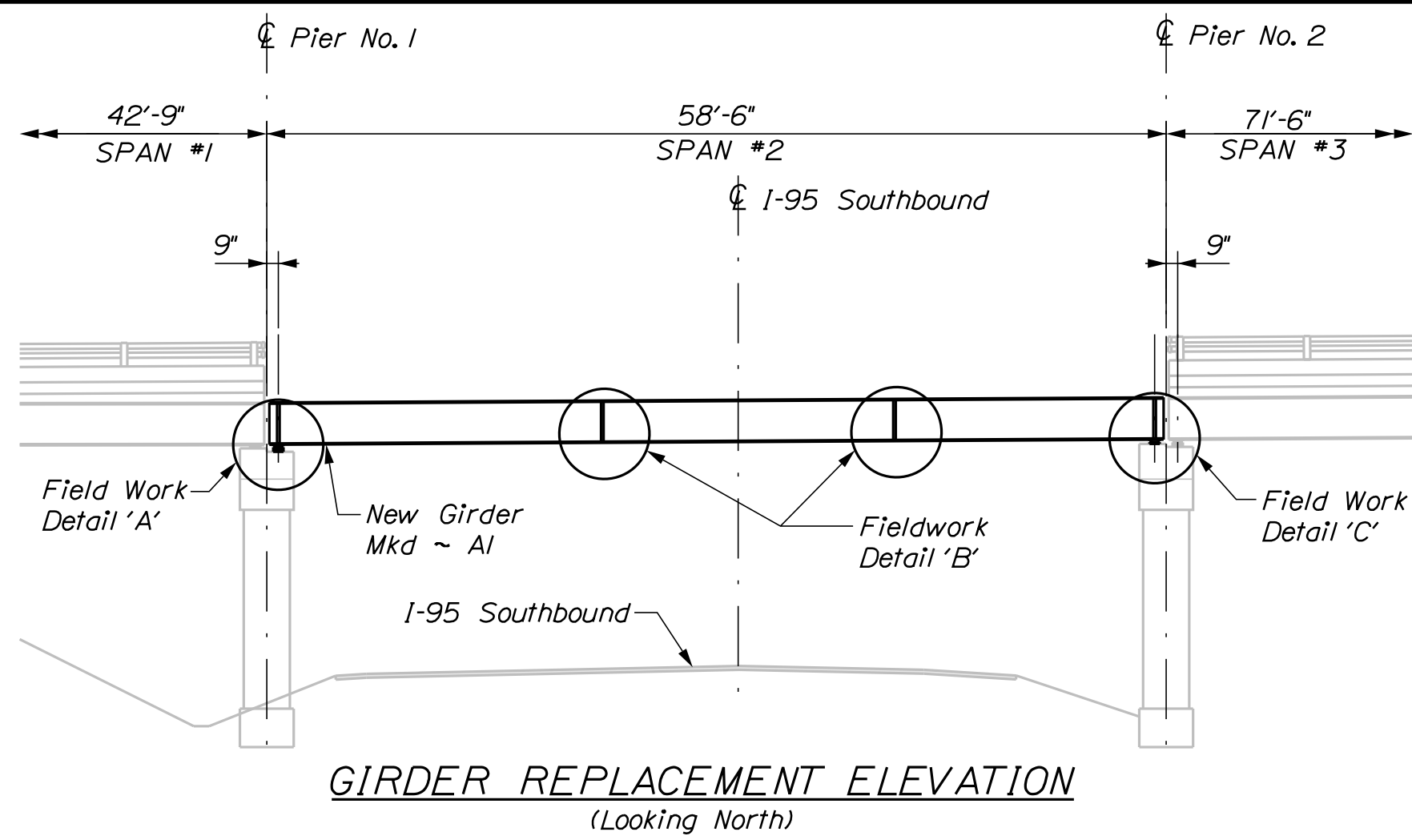
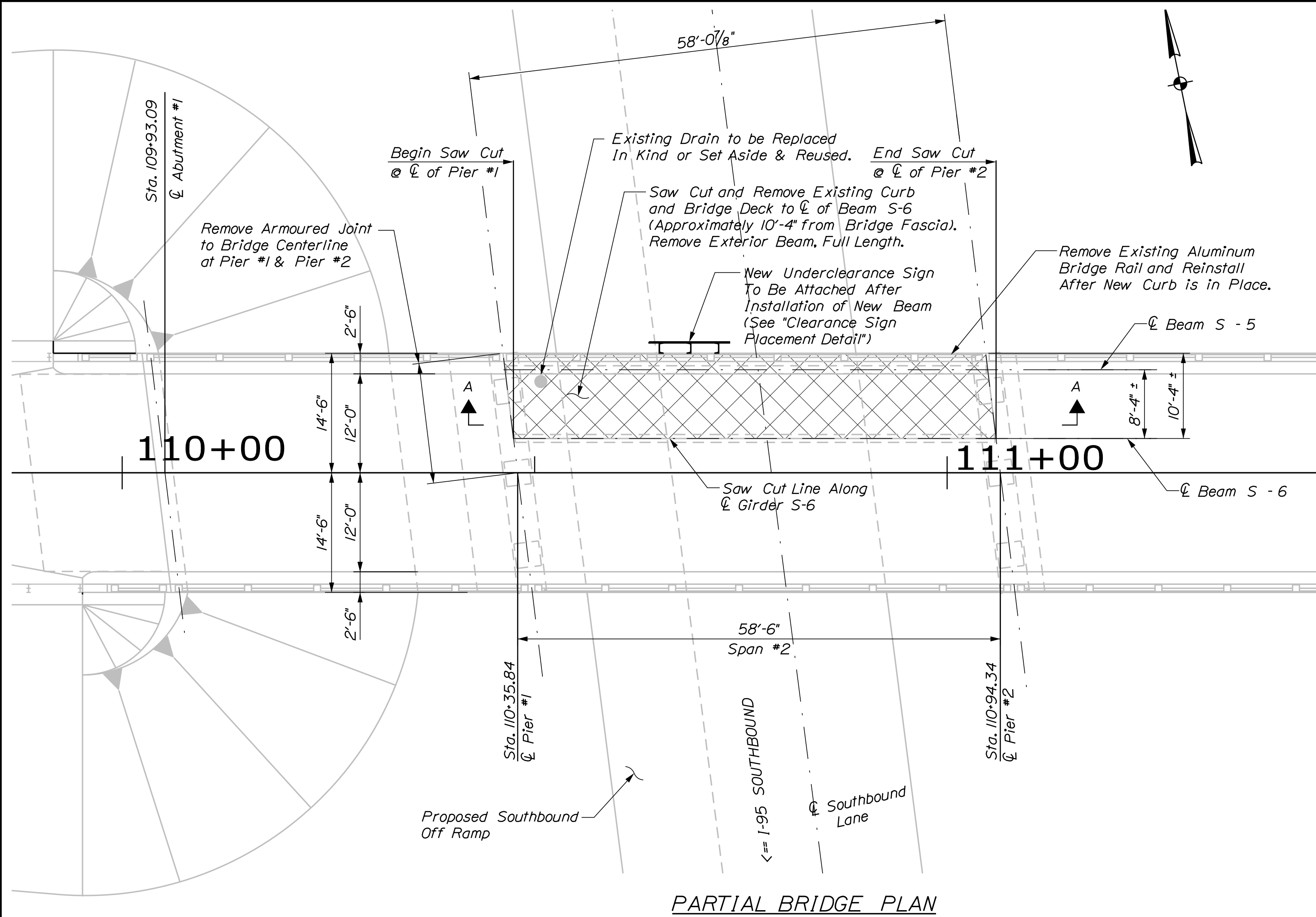
<div>TRAFTON ROAD BRIDGE I-95 SOUTHBOUND LANE WATERVILLE KENNEBEC</div> <div>STAGE CONSTRUCTION PLANS ( 2 of 2 SHEETS)</div>	SHEET NUMBER				STATE OF MAINE DEPARTMENT OF TRANSPORTATION					
					PROJ. MANAGER	E. MARTIN	BY	DATE		
					DESIGN-DETAILED	B. DOUKAS	G. LIBBY	MAR. 2016		
					CHECKED-REVIEWED					
					DESIGN2-DETAILED2	B. DOUKAS		MAR. 2016		
					DESIGN3-DETAILED3				SIGNATURE	
					REVISIONS 1				P.E. NUMBER	
					REVISIONS 2					
					REVISIONS 3					
					REVISIONS 4				DATE	
				FIELD CHANGES						
									021203.00	
									WIN	
									21203.00	
									BRIDGE NO. 5812	BRIDGE PLANS

Date:3/21/2016

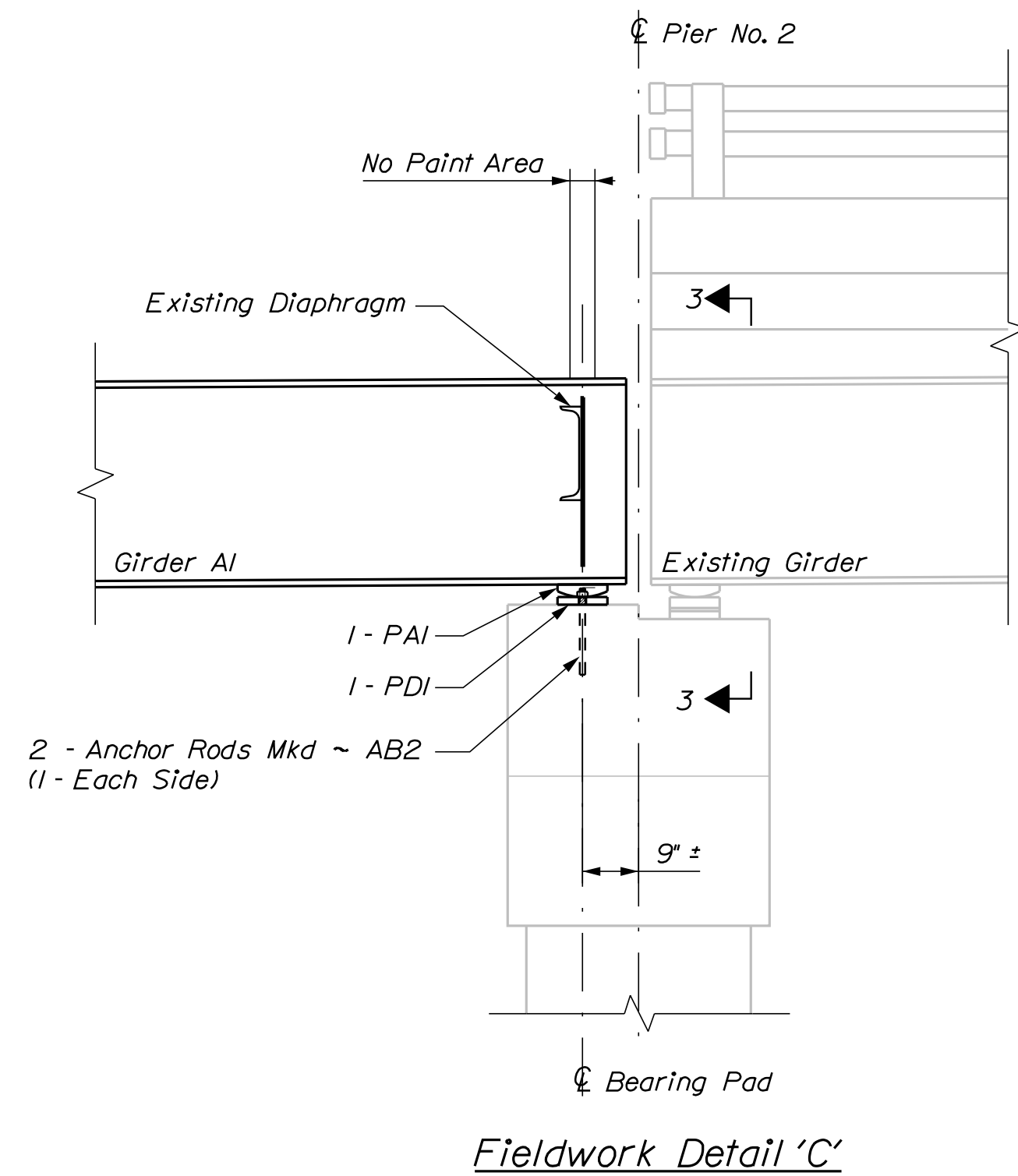
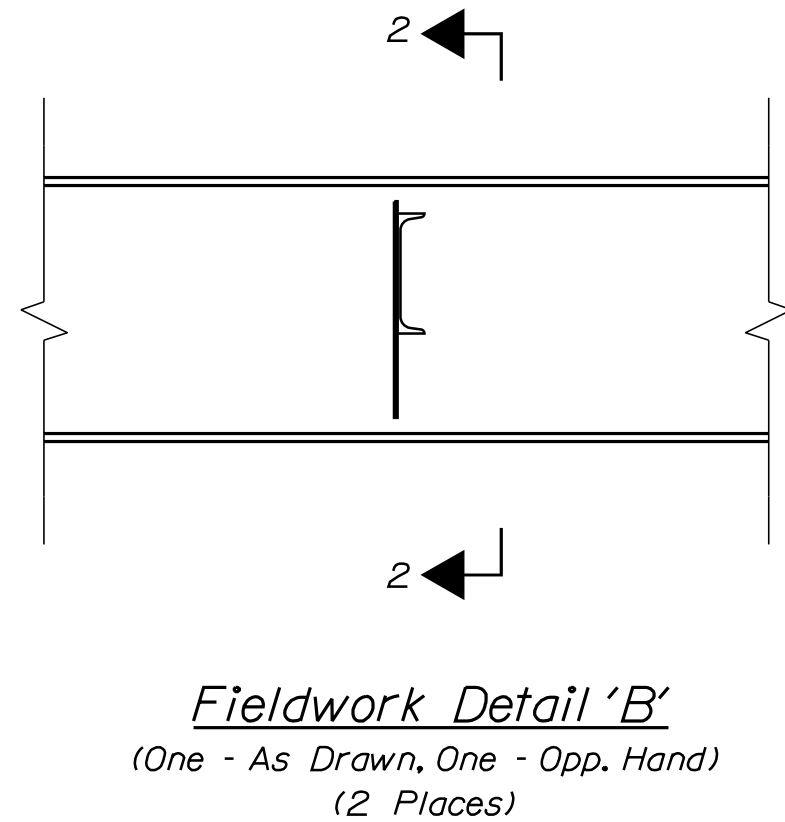
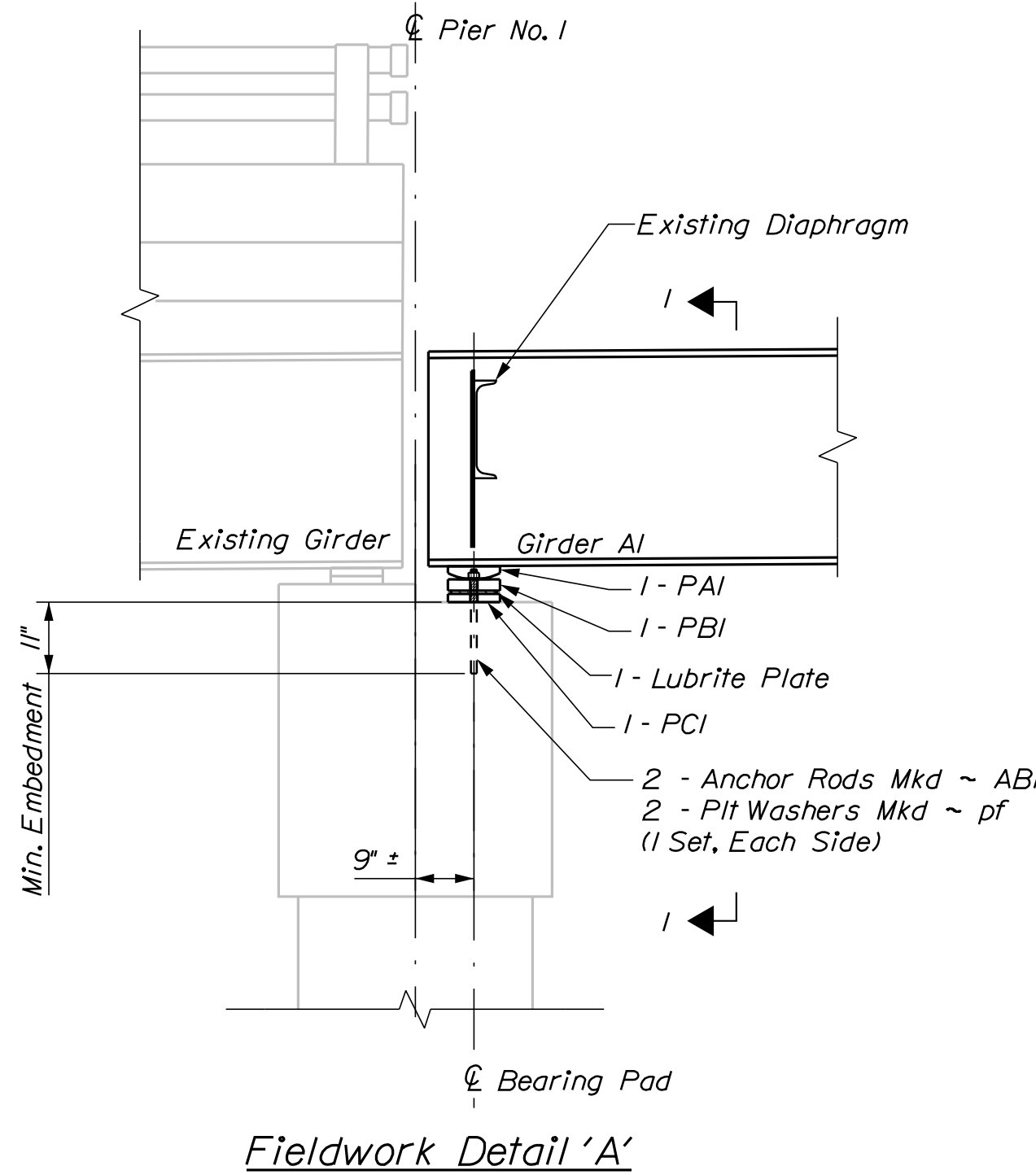
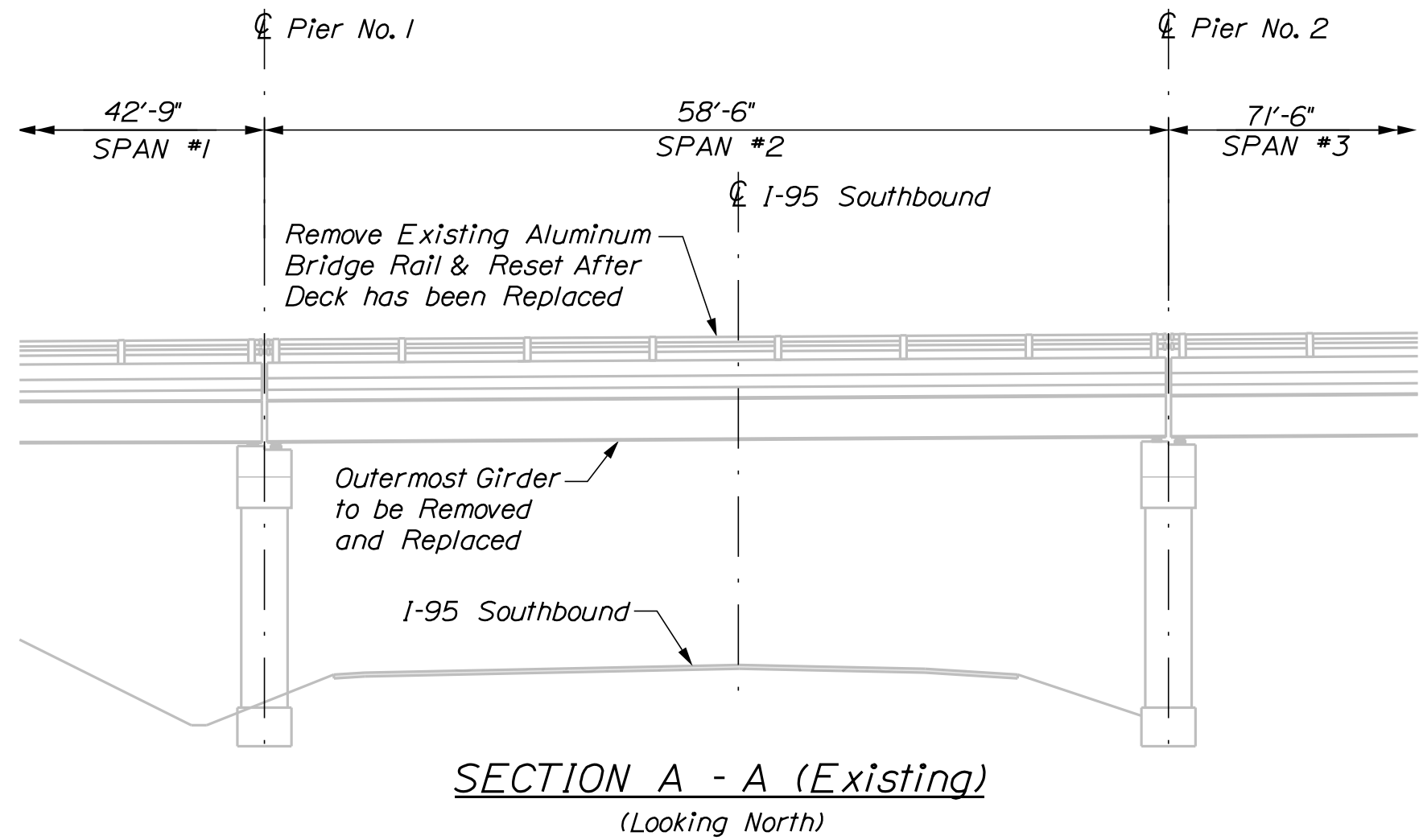
Username: gerald.libby

Division: BRIDGE

Filename: ... \MSTAD005\_Fieldwork\_Plans.dgn

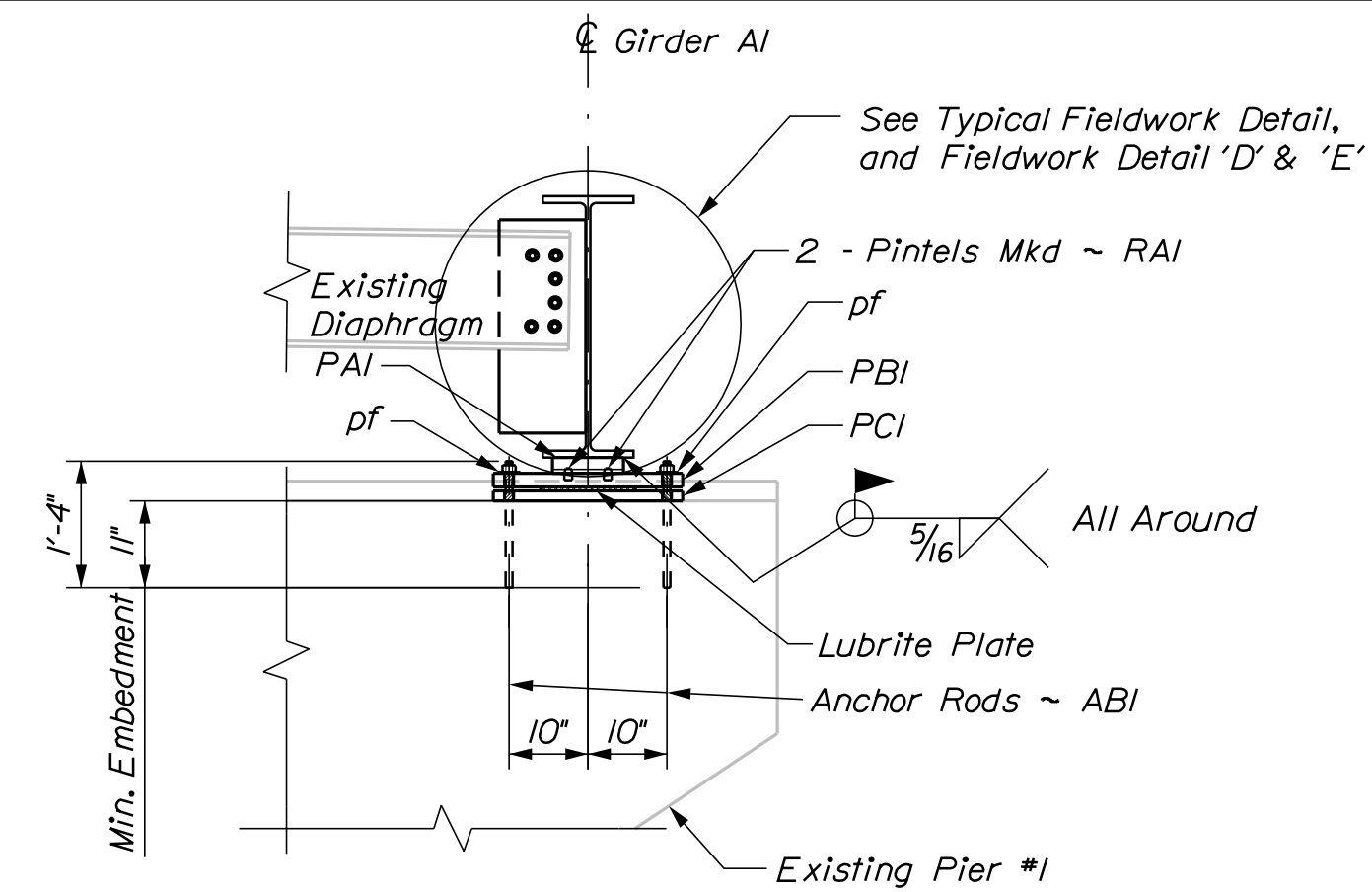
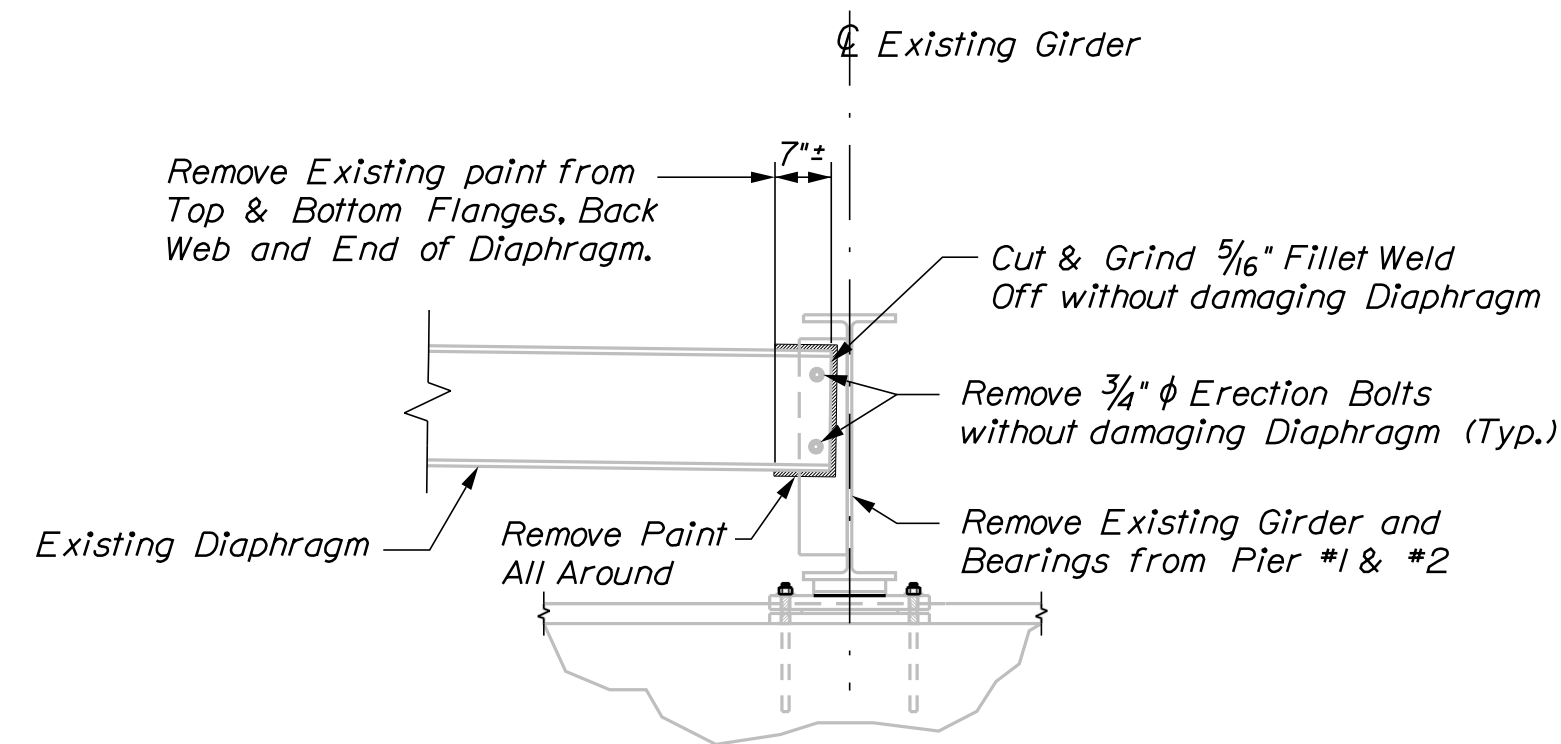
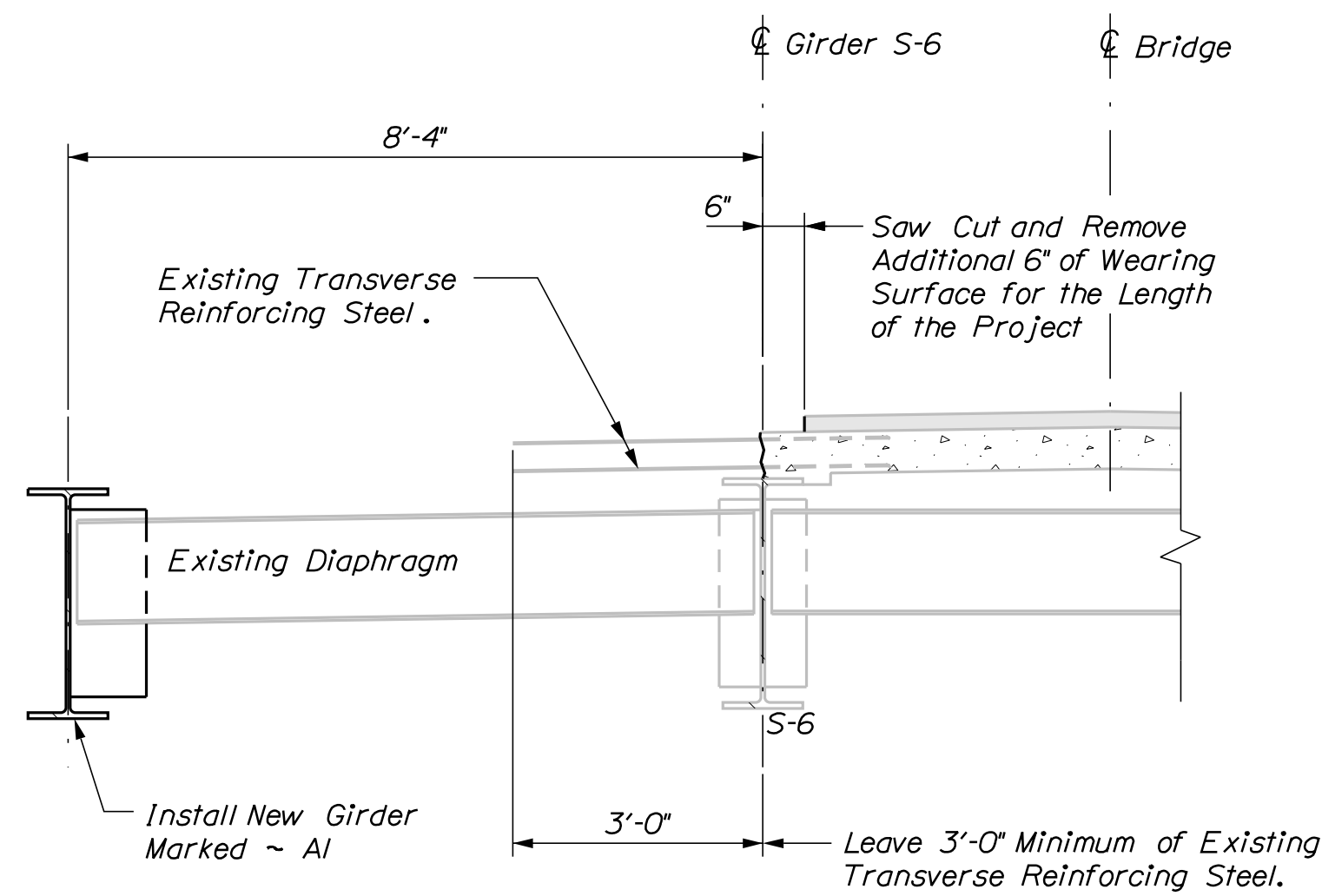


SIGN SUMMARY		
SIGN	SIGN	QTY. / COLOR
14 FT XX IN W12-2a	78 x 24	1 - Black on Yellow



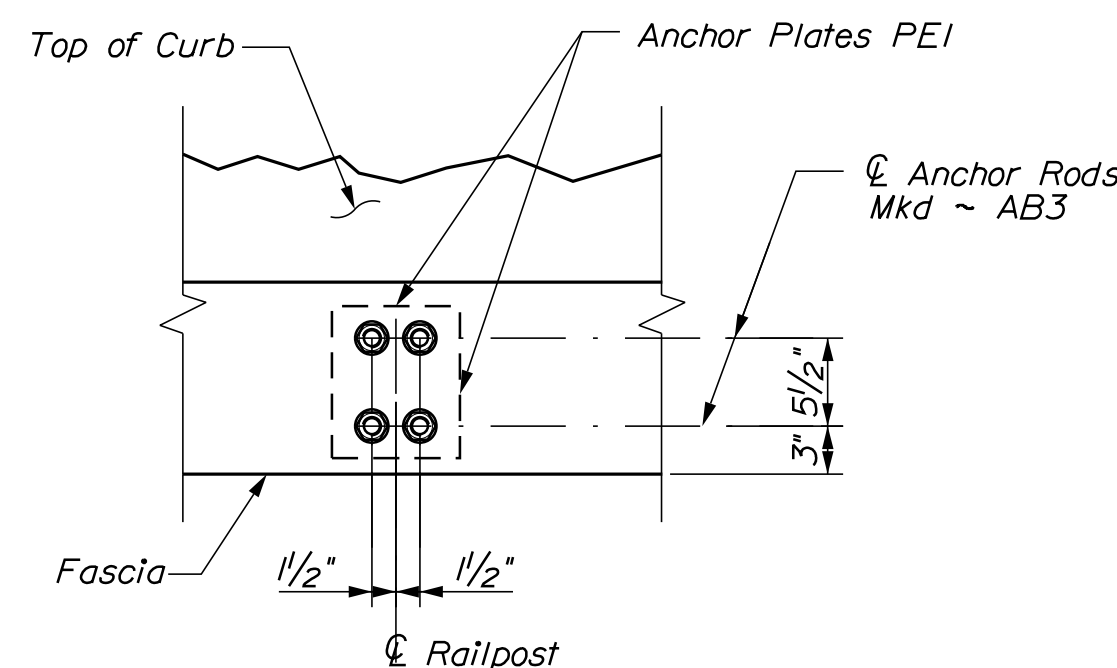
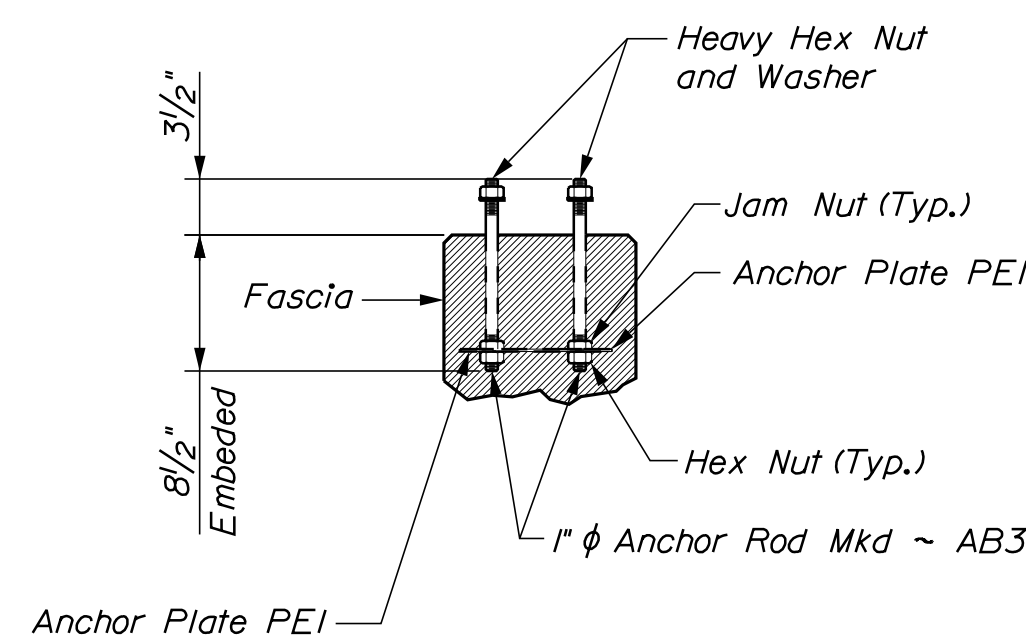
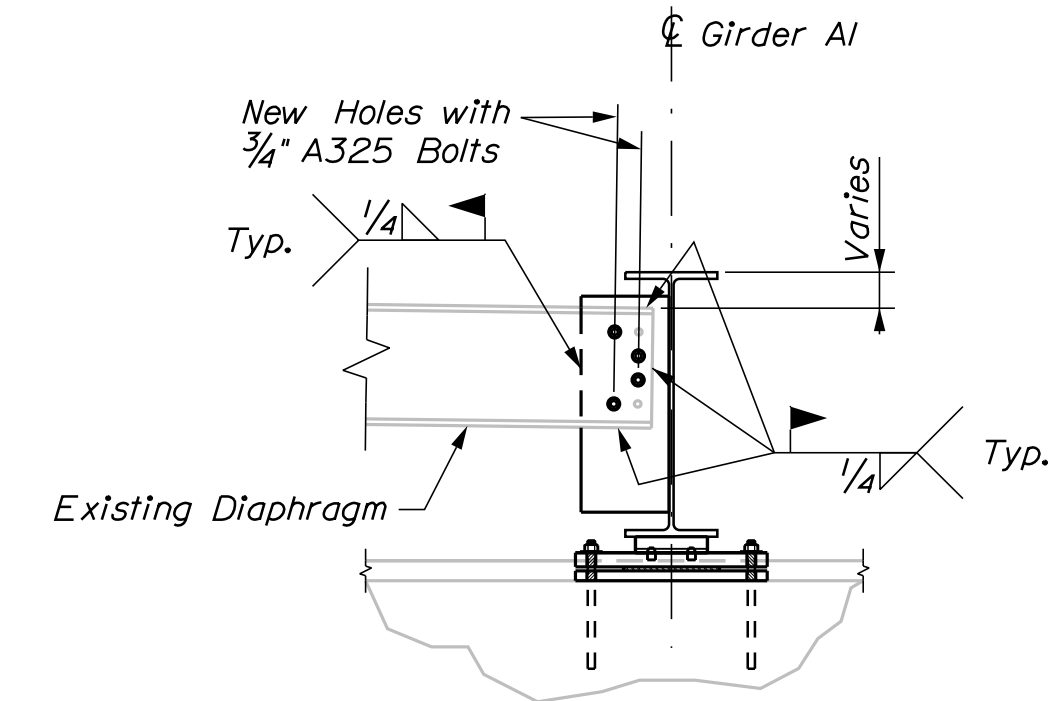
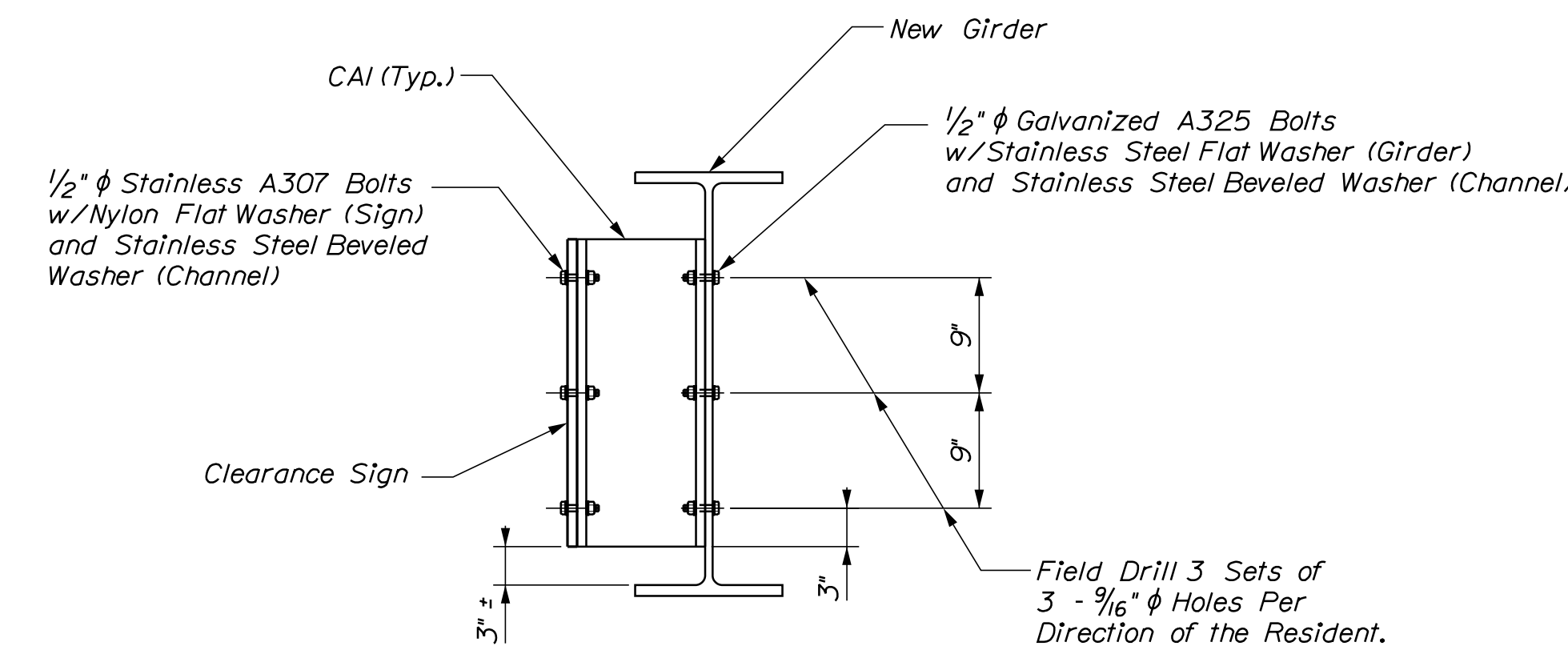
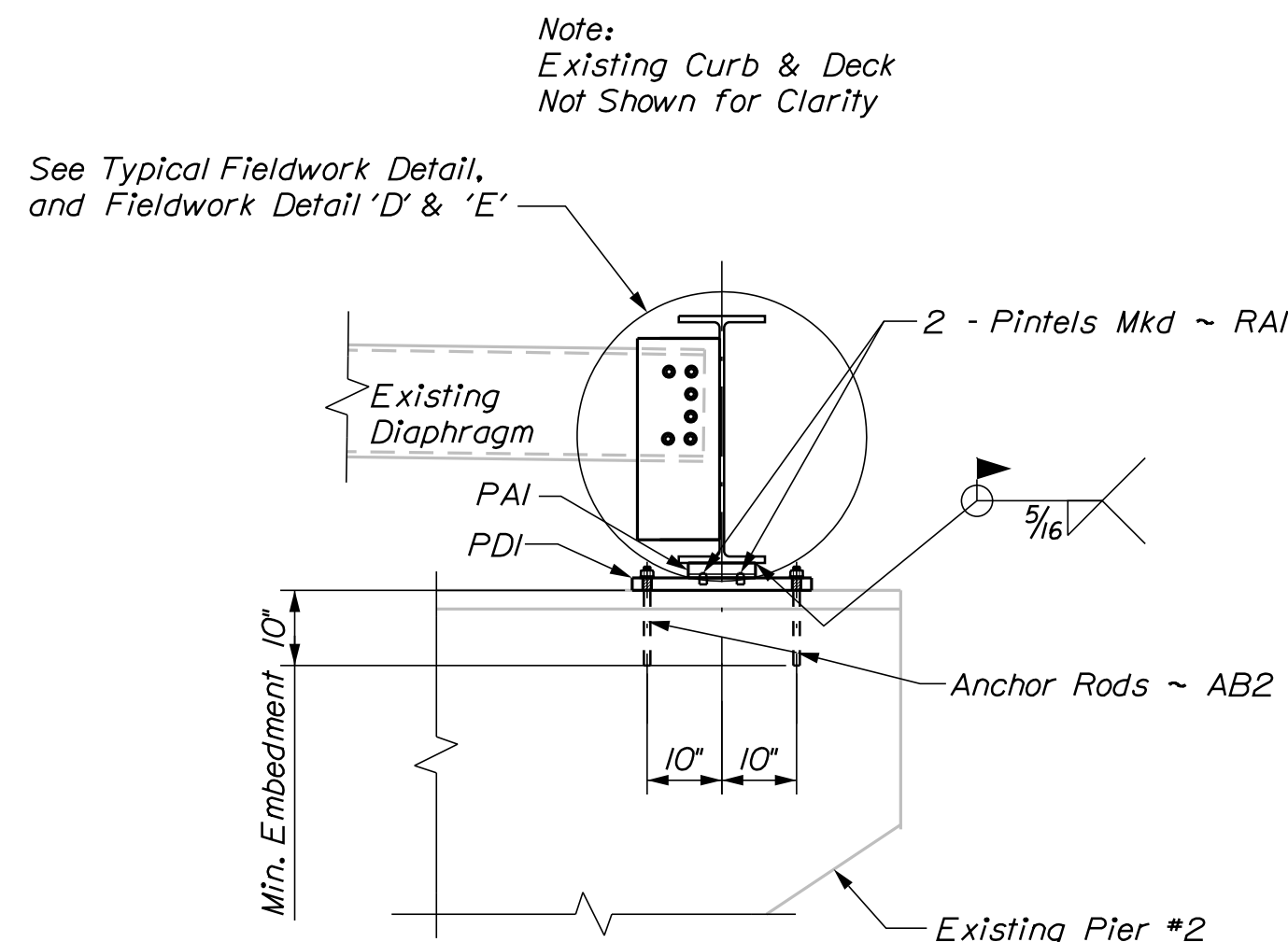
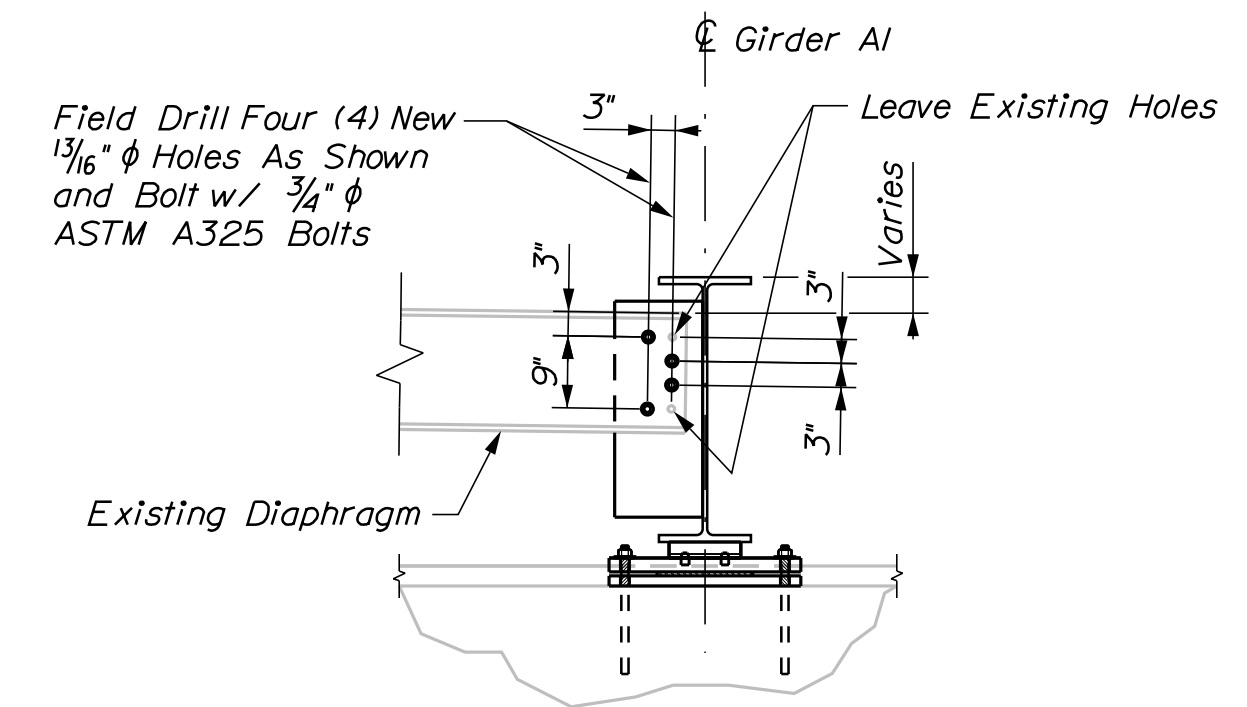
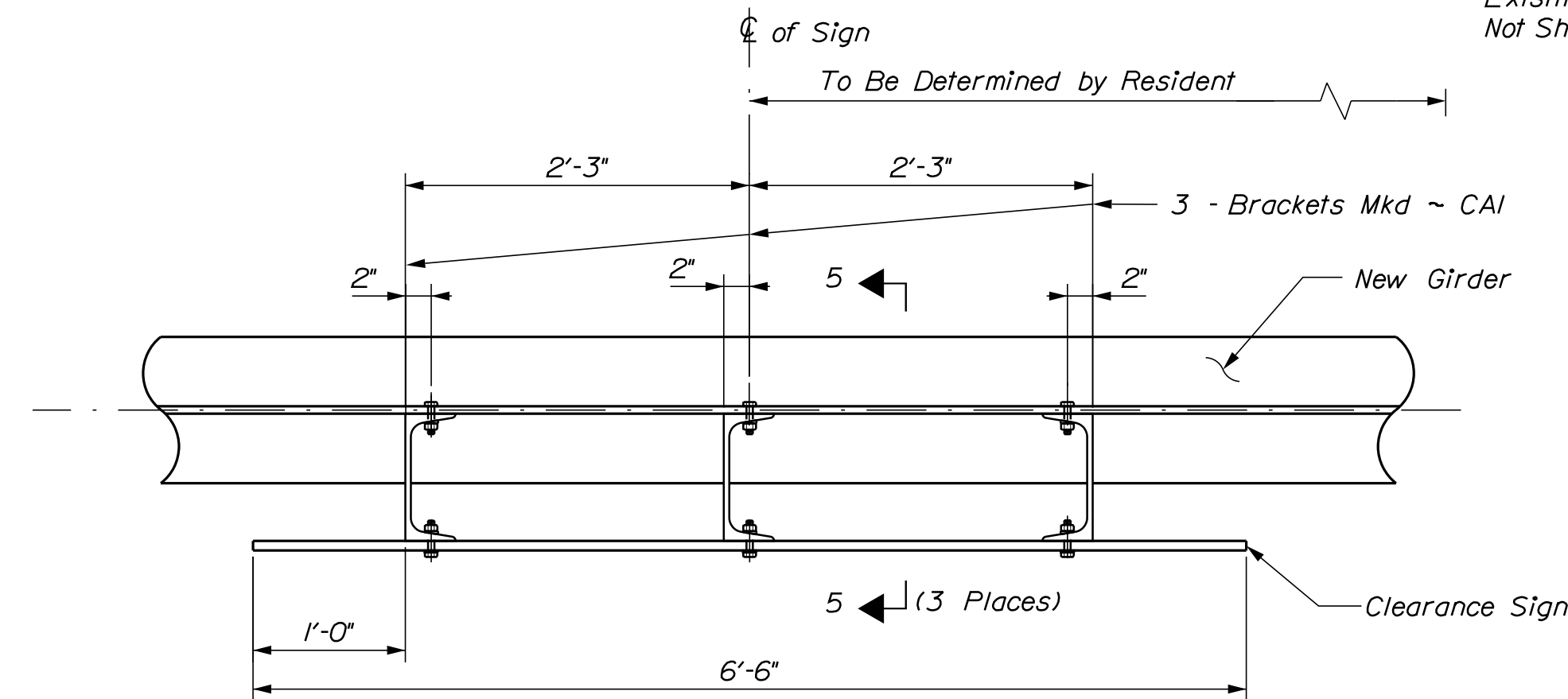
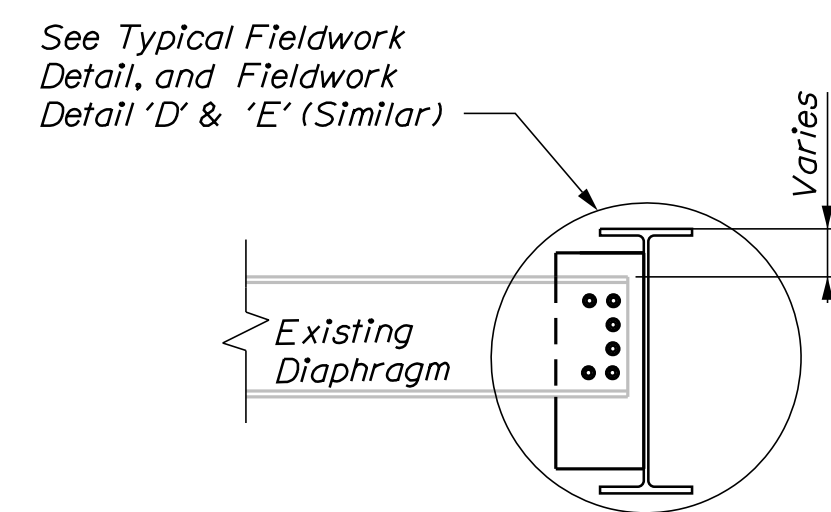
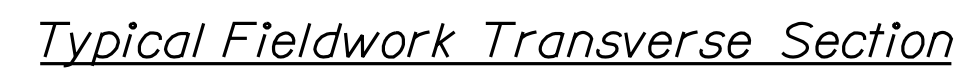
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021203.00		BRIDGE NO. 6812		WIN		21203.00		BRIDGE PLANS	
TRAFTON ROAD BRIDGE		WATERVILLE		KENNEBEC		I-95 SOUTHBOUND LANE		FIELDWORK PLANS & DETAILS		(SHEET 1 of 2)	
SHEET NUMBER		B5		OF 10							





FIELDWORK NOTES:

1. Live Traffic will be prohibited from passing under newly set beam until all High Strength Fasteners are fully installed.
2. During closure or later with properly shielded work area, Contractor shall add 1/4" Fillet Weld all around on reinstalled diaphragm to new connection plates.
3. Existing Bridge Drain to be Removed and Set Aside for Reuse, or Replaced in Kind.
4. All Structural Steel that has been left unpainted for field erection purposes shall be painted with the same Coating System provided in Special Provision Section that has been designated for shop painting.
5. Payment of All Fieldwork, including Field Welding of Existing Diaphragms to New Girder Shall be Incidental to Item 504.71 - Structural Steel Erection.



### RAILPOST ANCHORAGE DETAILS

STATE OF ARIZONA	
DEPARTMENT OF TRANSPORTATION	
	<b>021203.00</b>
BRIDGE NO. 5812	<b>WIN</b>
	<b>21203.00</b>
	BRIDGE PLANS

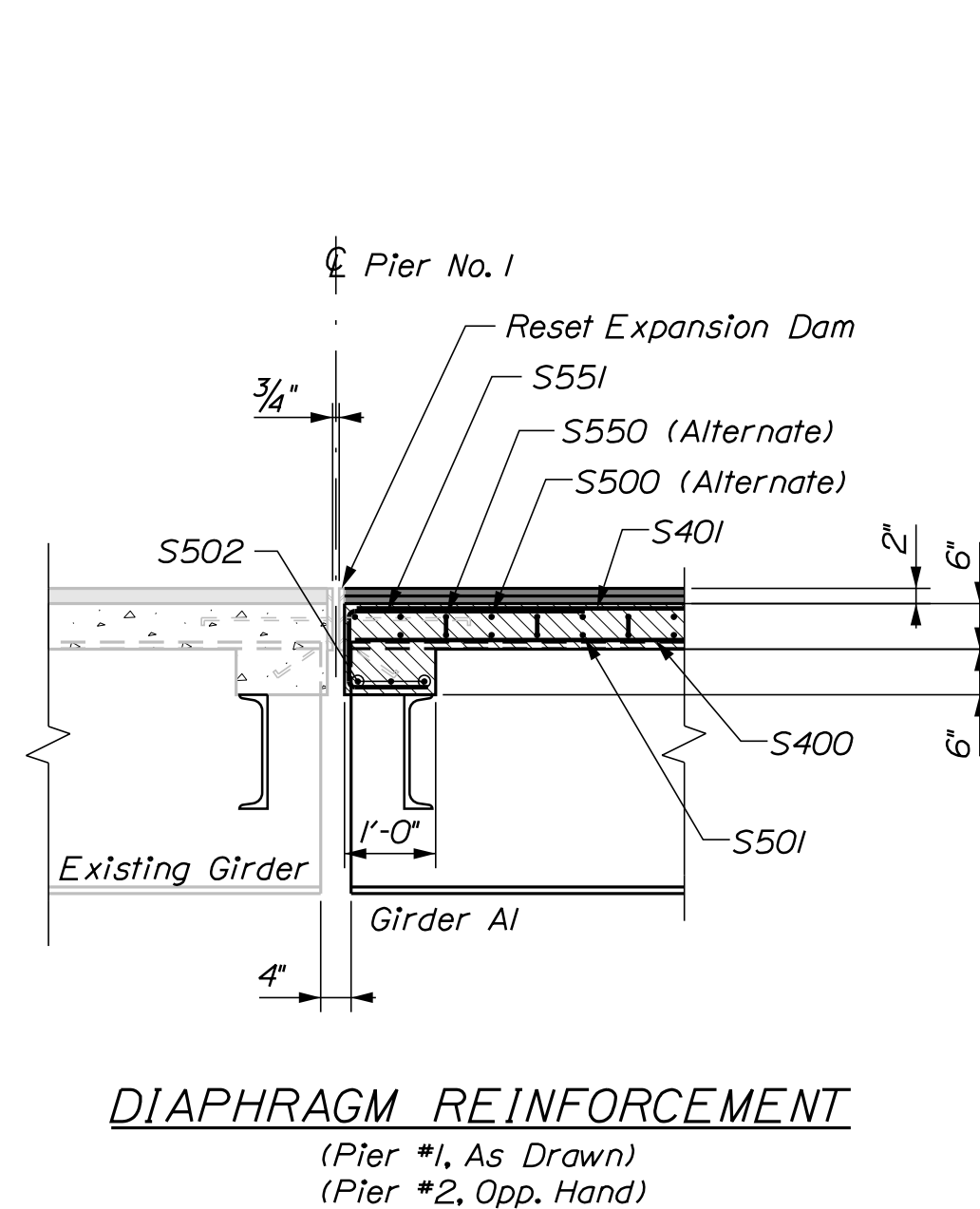
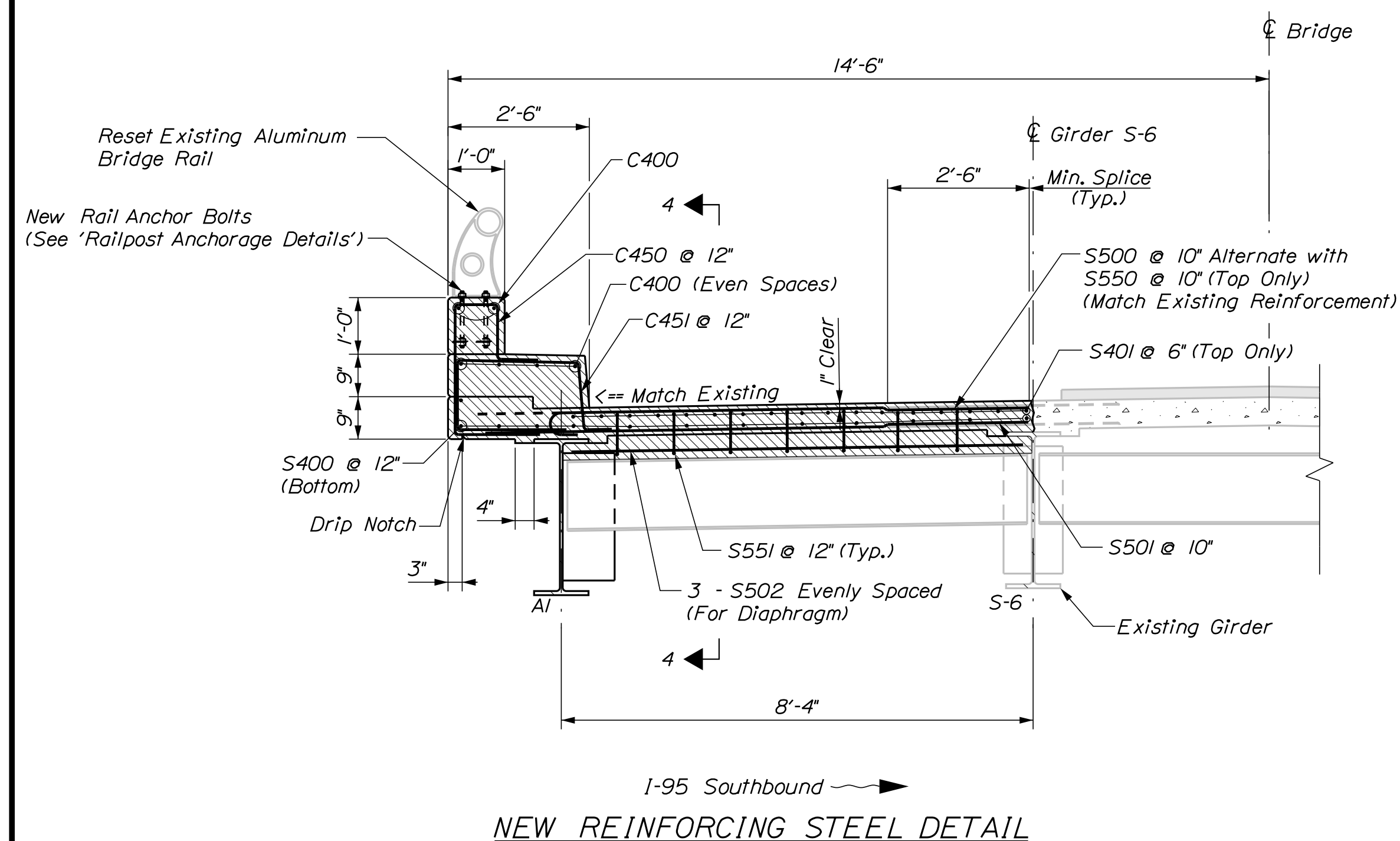
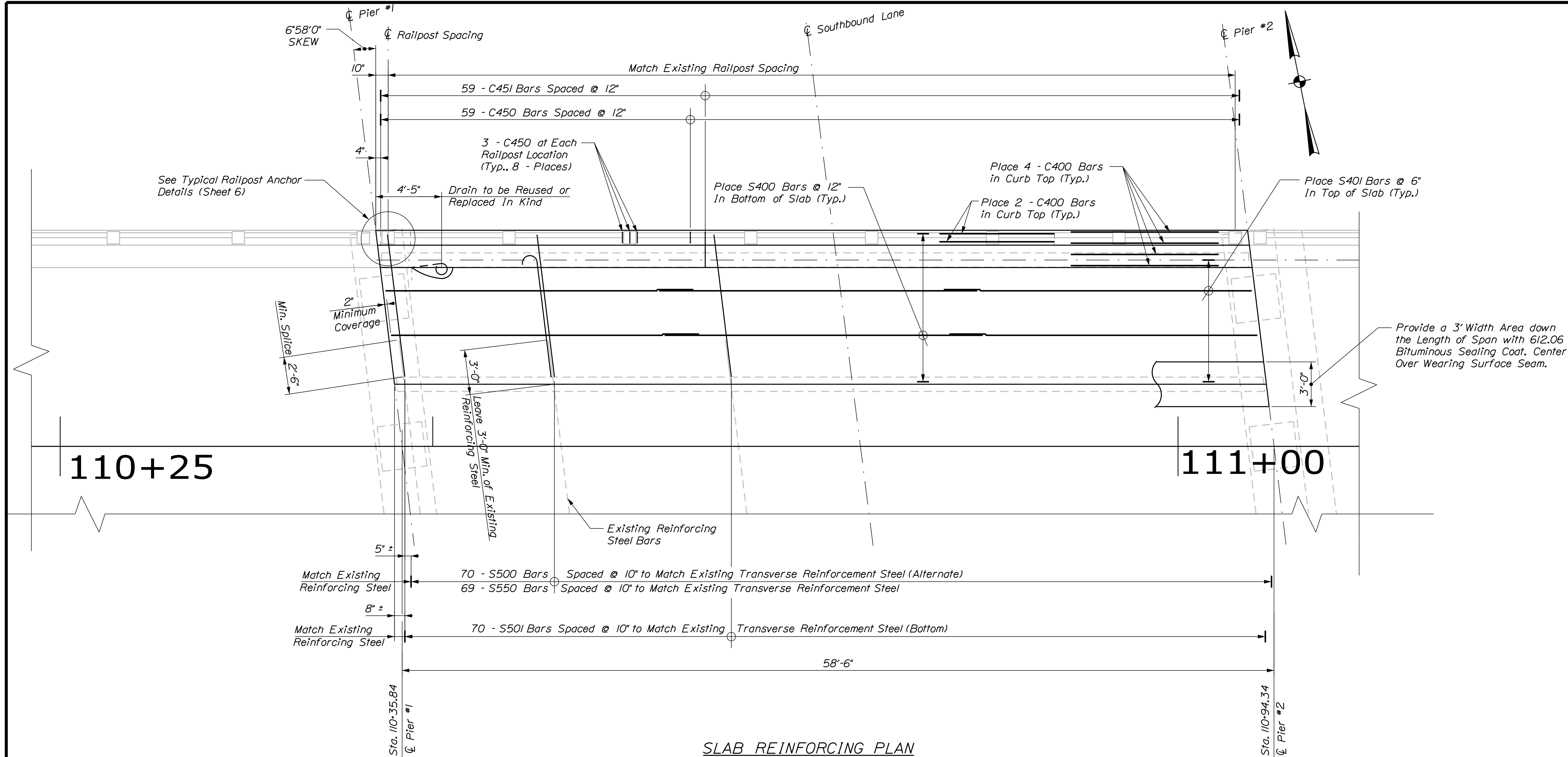
DESIGN-DETAILED	B. DOUKAS	G. LIBBY	MAR 2016
CHECKED-REVIEWED			
DESIGN2-DETAILED2	B. DOUKAS		MAR 2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE			
P.E. NUMBER			
DATE			

WATERVILLE  
I-95 SOUTHBOUND LANE  
IRVINGTON ROAD BRIDGE  
KENNEBEC  
FIELDWORK PLANS & DETAILS  
(SHEET 2 of 2)

SHEET NUMBER

**B6**

OF 10

[illegible]

GENERAL NOTES

*All dimensions are out-to-out of bar.*

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 315 and ACI Standard 318.

Reinforcing Bar: ASTM A615/A615M, Grade 60

The first two digits following the letter(s) of the mark indicate the size of the bar:

Mark "C400" = bar size #4 located in the "Curb"  
 Mark "S400" = bar size #4 located in the "Slab"  
 Mark "S550" = bar size #5 located in the "Slab"  
 and is a Bent Bar.

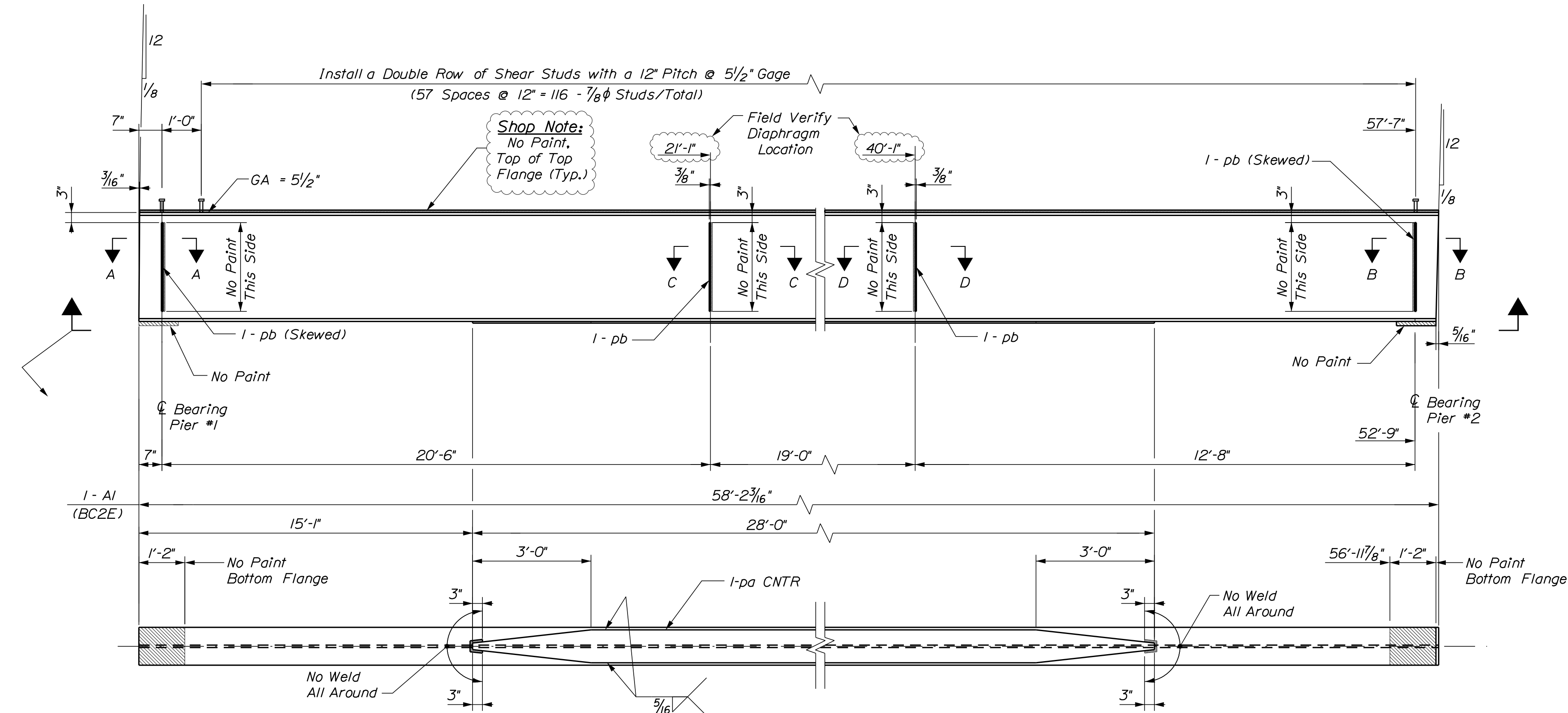


Date: 3/21/2016

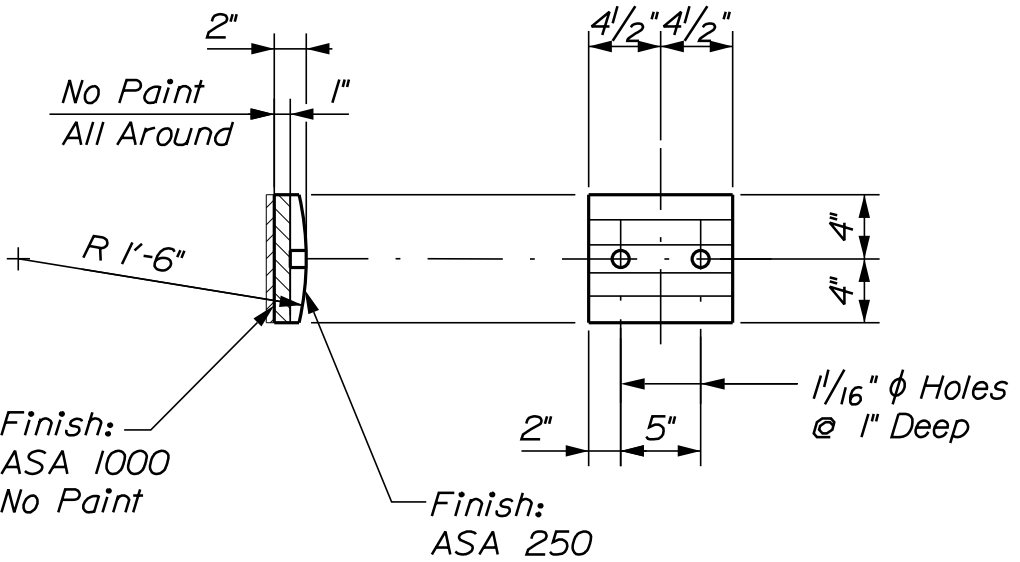
Username: gerdlibby

Division: BRIDGE

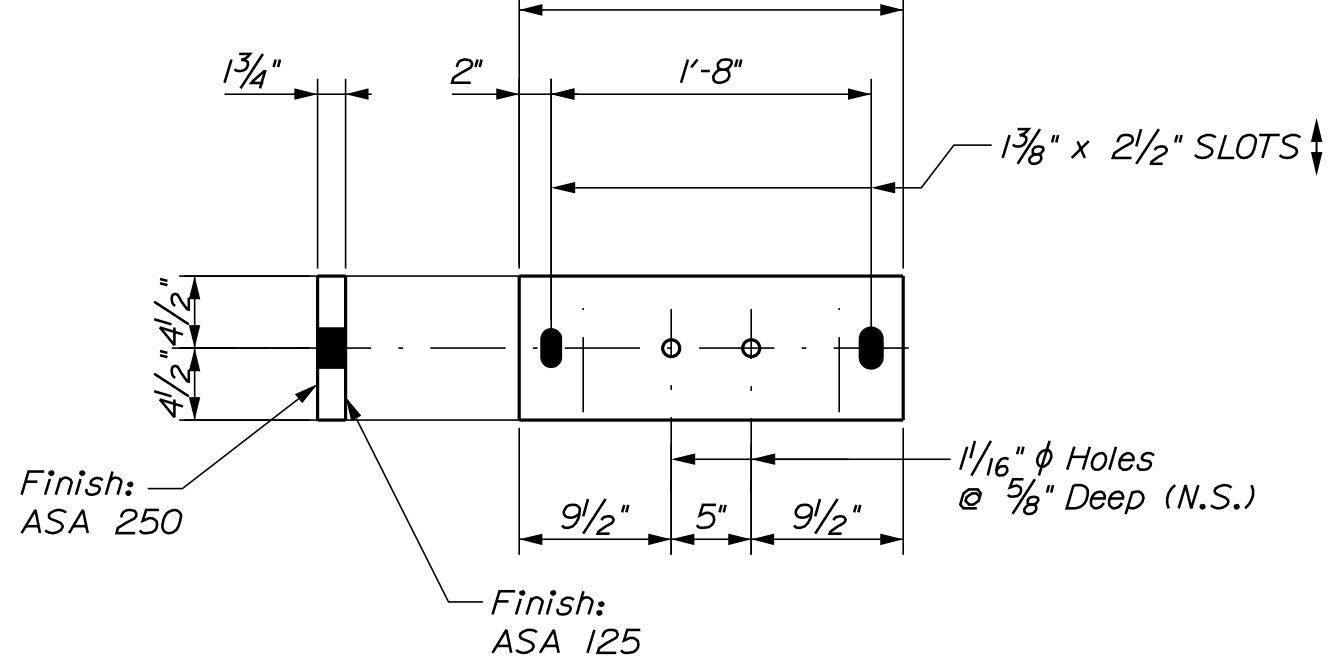
Filename: ... \MSTAD08\_Steel\_Details.dgn



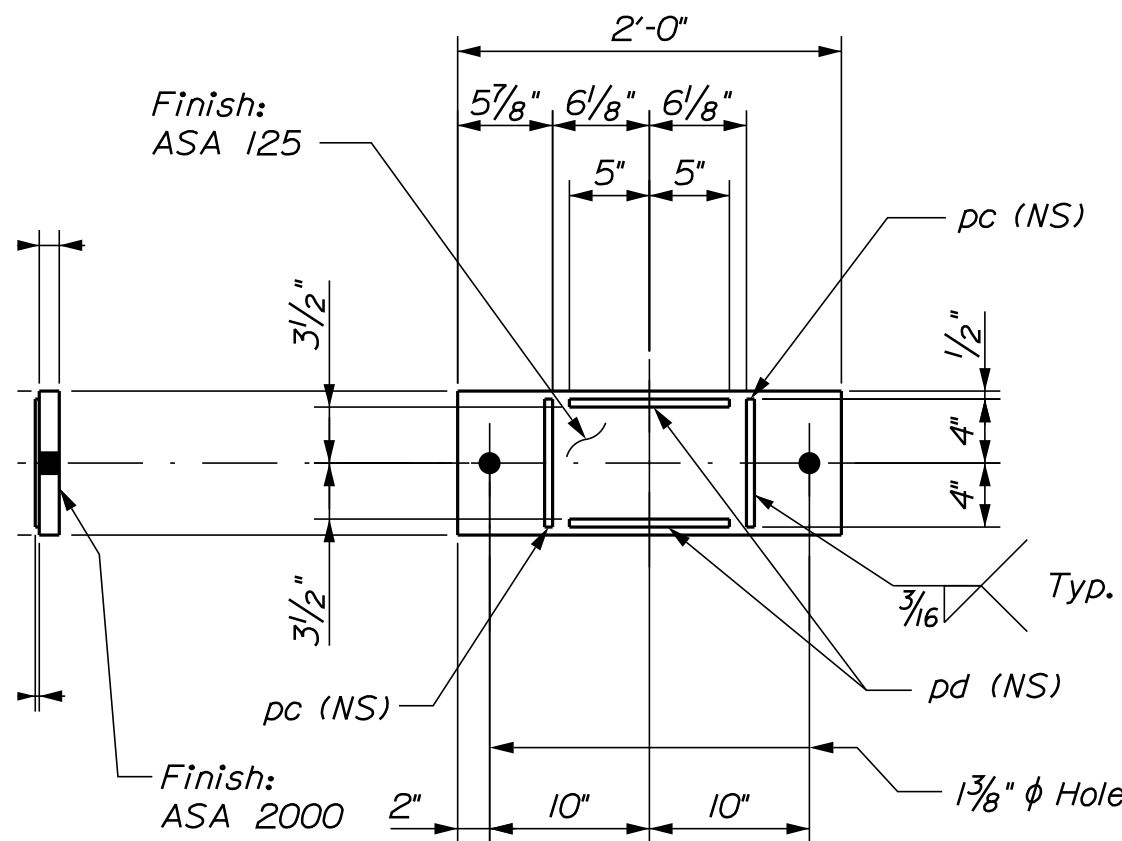
SHIP		BILL OF MATERIAL				REMARKS	
MARK	NO.	MARK	SHAPE	LENGTH	WT.		
AI	1		W33 x 130	58	2 3/16	BC2E	A709, GR 50
	1	pa	PLT 5/8 x 10 1/2	28	0	No Holes, Shaped	A36
	4	pb	FB 11 x 3/8	2	3	No Holes	A36
	116		Shear Studs				
PAI	2		Plt 2 x 9	0	8	Shaped, Finished	A36
PBI	1		Plt 1 3/4 x 9	2	0	Finished	A36
PCI	1		Plt 1 1/4 x 9	2	0	Finished	A36
	2	pb	FB 1/2 x 1/4	0	8	No Paint, One Side	A36
	2	pc	FB 1/2 x 1/4	0	10		A36
PDI	1		Plt 1 1/4 x 9	2	0		A36
RAI	4		RB 1" φ	0	1 1/2	Pintel, Shaped	A36
ABI	2		RB 1" φ	1	4	Galv'd, Swedged	A449
	2	pf	PLT 1/4 x 2 1/2	0	5		A36
	4		Heavy Hex Nut			Galv'd	
AB2	2		RB 1" φ	1	2	Galv'd, Swedged	A449
	2		Heavy Hex Nut			Galv'd	
AB3	32		RB 1" φ	1	2	Stainless	
	32		Heavy Hex Nuts			Galv'd	ASTM A276, Type 316
	32		Hex Nuts			Galv'd	
	32		Jam Nuts			Galv'd	
PEI	16		Plt 3/8 x 8	0	9 1/2	Stainless, Anchor Plate	A36
LRI	1		Plt 1/2 x 7	1	0	Lubrite, Bought Out	A500
CAI	3		MC10 x 25.3	2	0	Galv'd	ASTM A572
	9		1/2" φ Bolts	0	3 1/4	Stainless	A304
	9		1/2" φ Bolts	0	3	Galv'd	A325
	9		1/2" φ Nut			Nylack	
	9		1/2" φ Nut			Galv'd	
	9		1/2" φ Washer			Stainless, Flat	
	18		1/2" φ Washer			Stainless, Beveled	
	9		1/2" φ Washer			Nylon	



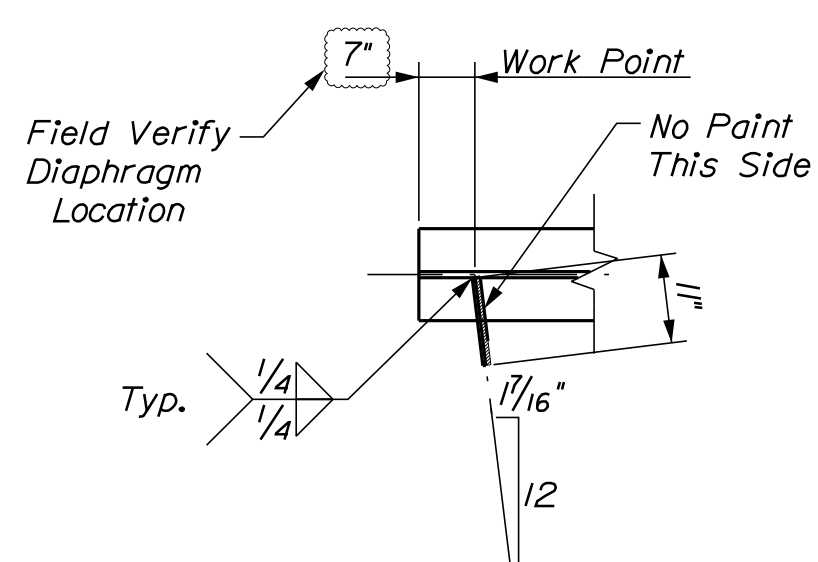
2 - Plt Mkd ~ PAI



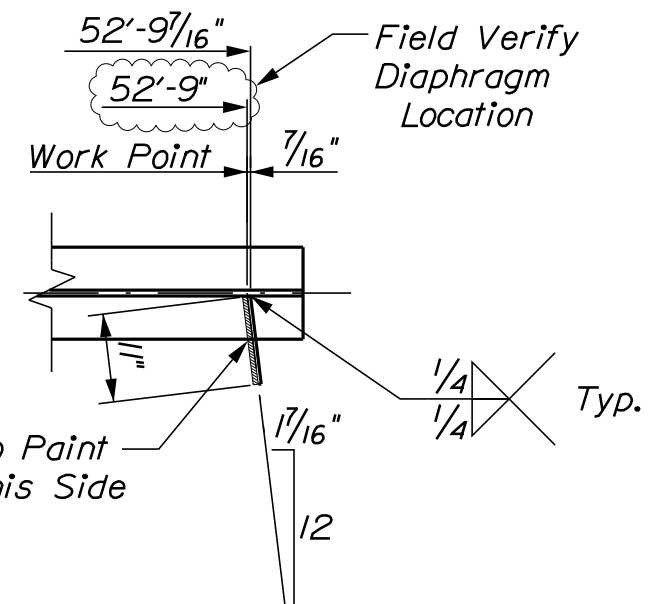
1 - Plt Mkd ~ PBI



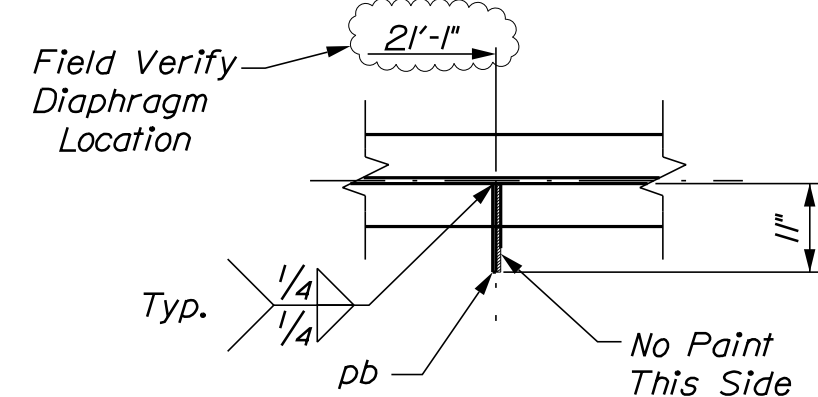
1 - Plt Mkd ~ PCI



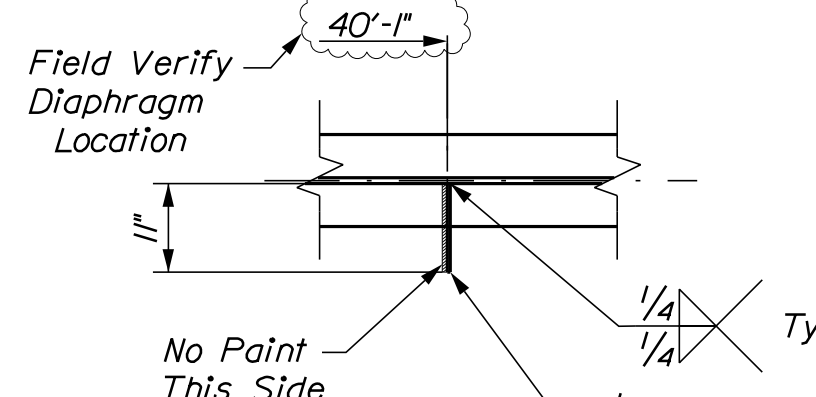
SECTION A - A



SECTION B - B



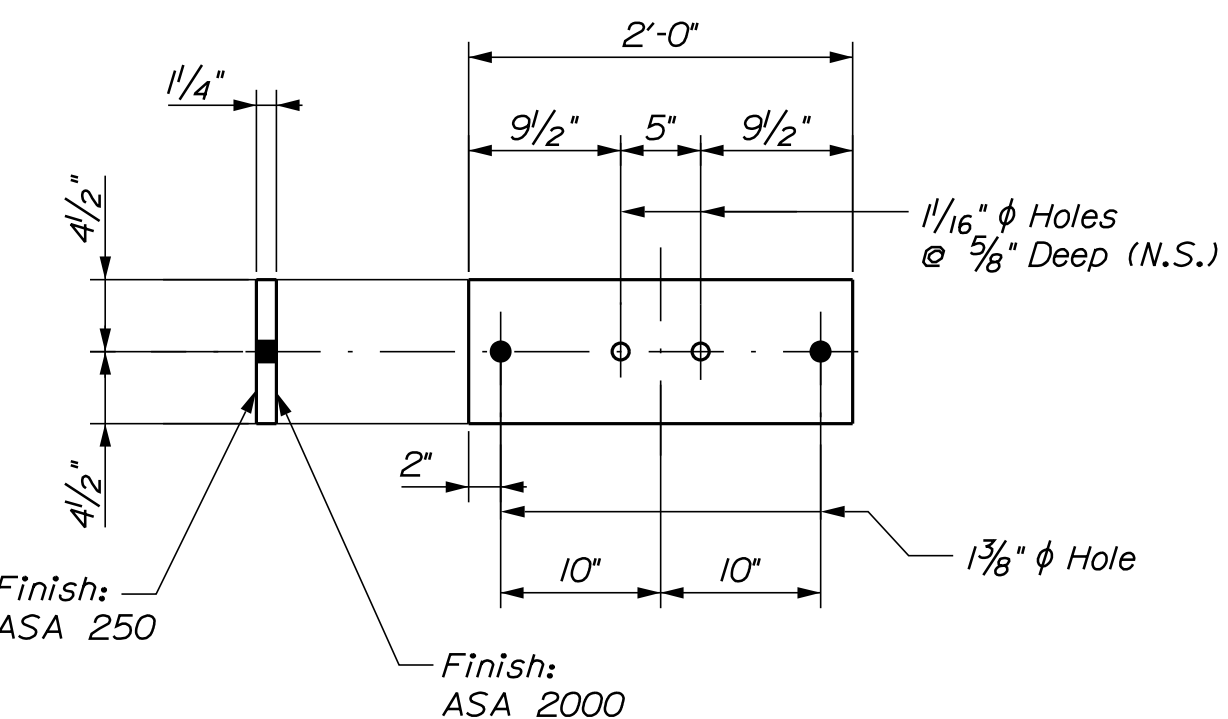
SECTION C - C



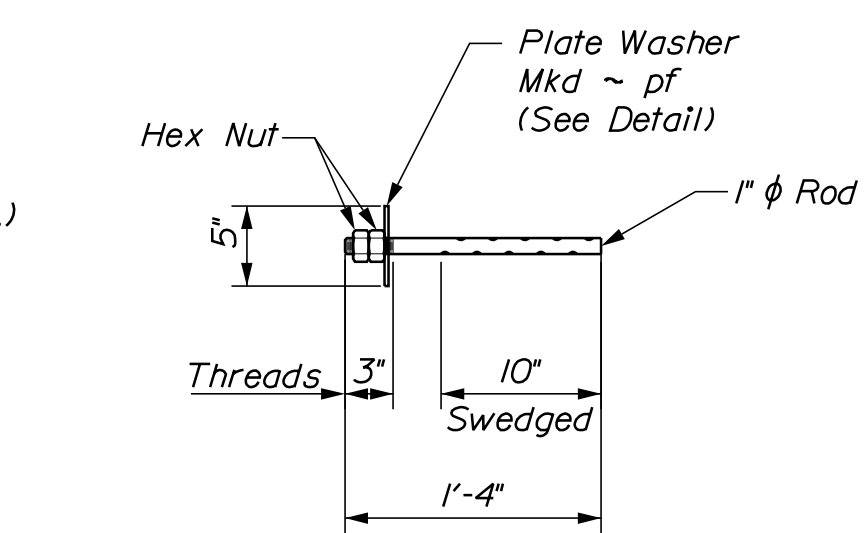
SECTION D - D

### STRUCTURAL STEEL NOTES

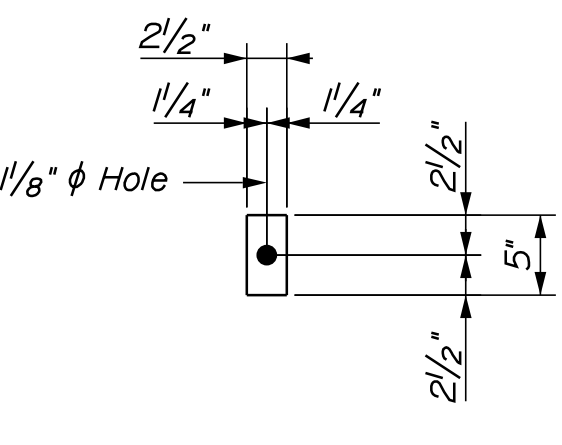
1. An alternate to the W33 x 130 beam with cover plate may be proposed. It may be a built-up girder with equivalent section shear properties, or better, with a height of 33 3/8" (c/c).
2. Welding shall be in accordance with the current edition of AASHTO/AWS D 1.5, Bridge Welding Code.
3. New steel components shall be blasted clean prior to application of protective coating in accordance with SSPC-SP6.
4. A protective coating system shall be selected and identified at the shop drawing submittal from the Northeast Protective Coating Committee Qualified Products List, list A or B. Color shall be Federal Color Standard 595C, Color #14272, Green.
5. Camber, including natural camber, of W33 x 130 or equivalent excepted built-up girder shall be designated as the "TOP" of the girder.



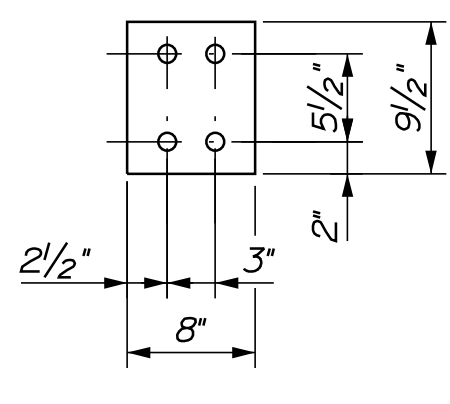
1 - Plt Mkd ~ PDI



2 - Anchor Bolts Mkd ~ ABI

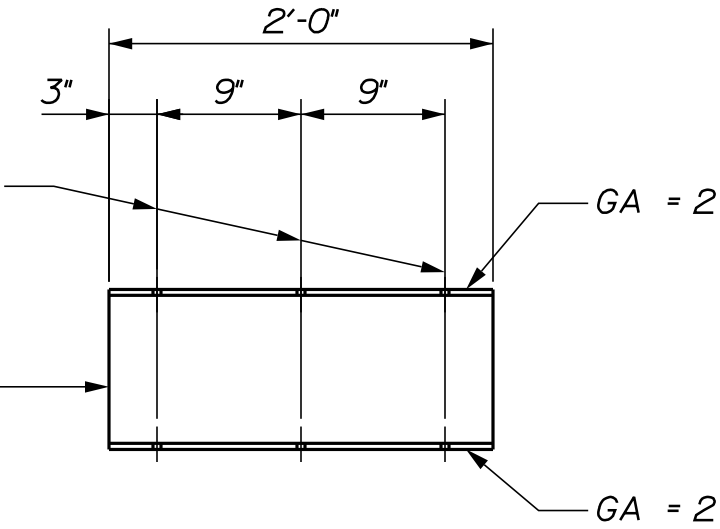


DETAIL of Plate ~ pf

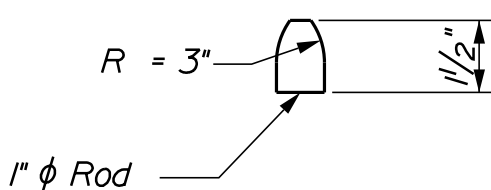


16 - Plt Mkd ~ PEI

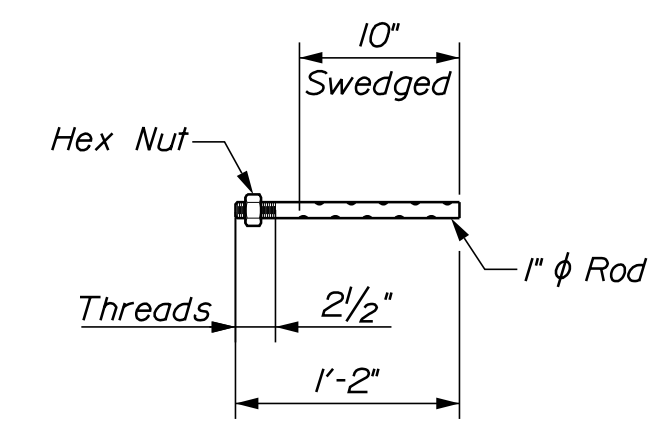
Note:  
Galvanize in  
Accordance  
w/ASTM A123



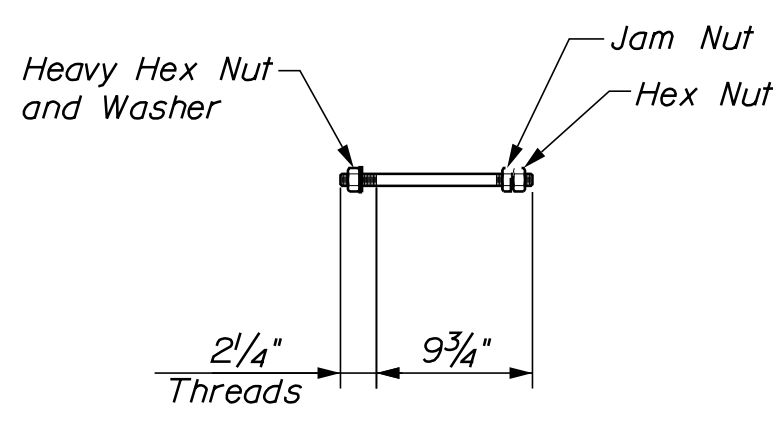
1 - Channel Mkd ~ CAI



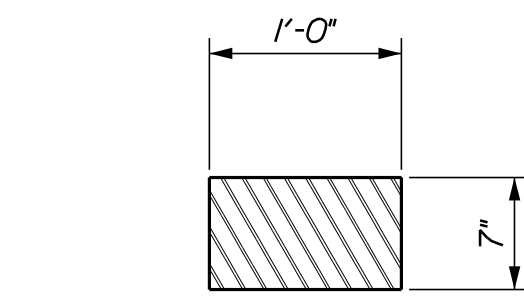
4 - Pintels Mkd ~ RAI



2 - Anchor Bolts Mkd ~ AB2



32 - Anchor Bolts Mkd ~ AB3



1 - Lubrite Plate Mkd ~ LRI

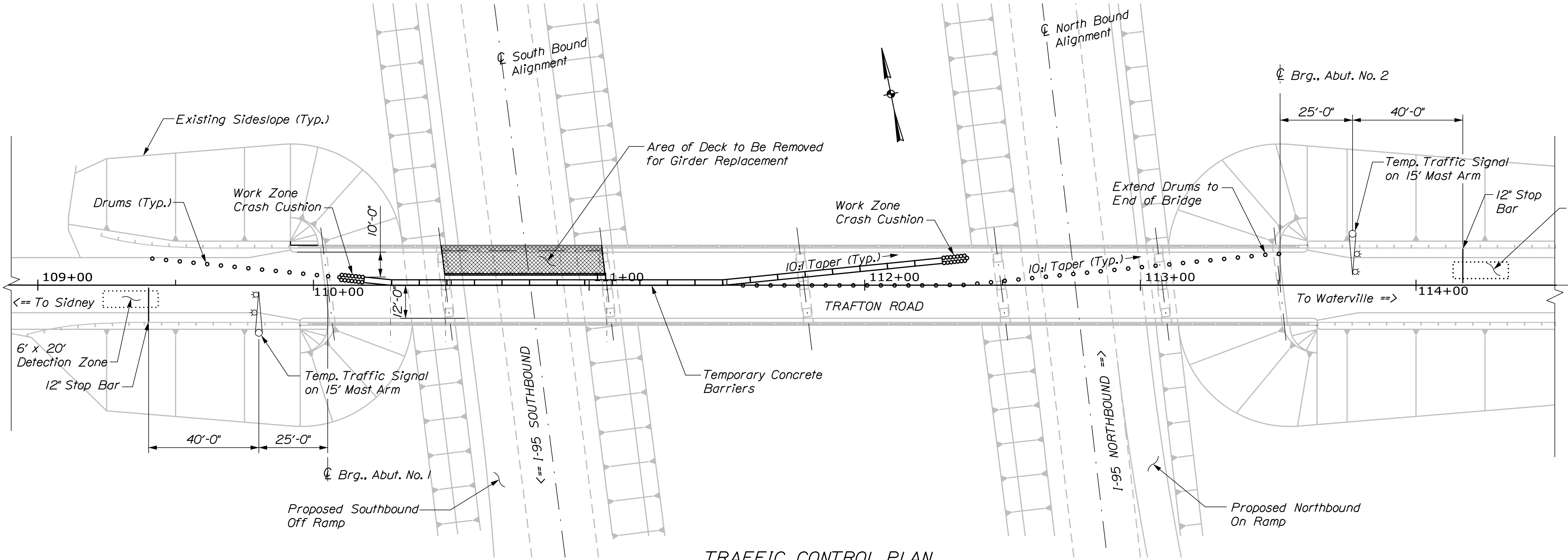
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021203.00		WIN		21203.00		BRIDGE NO. 6812		BRIDGE PLANS	
TRAFTON ROAD BRIDGE		1-95 SOUTHBOUND LANE		KENNEBEC		WATERVILLE		STEEL DETAILS		SHEET NUMBER		B8	
												OF 10	

Date: 3/21/2016

Username: gerald.libby

Division: BRIDGE

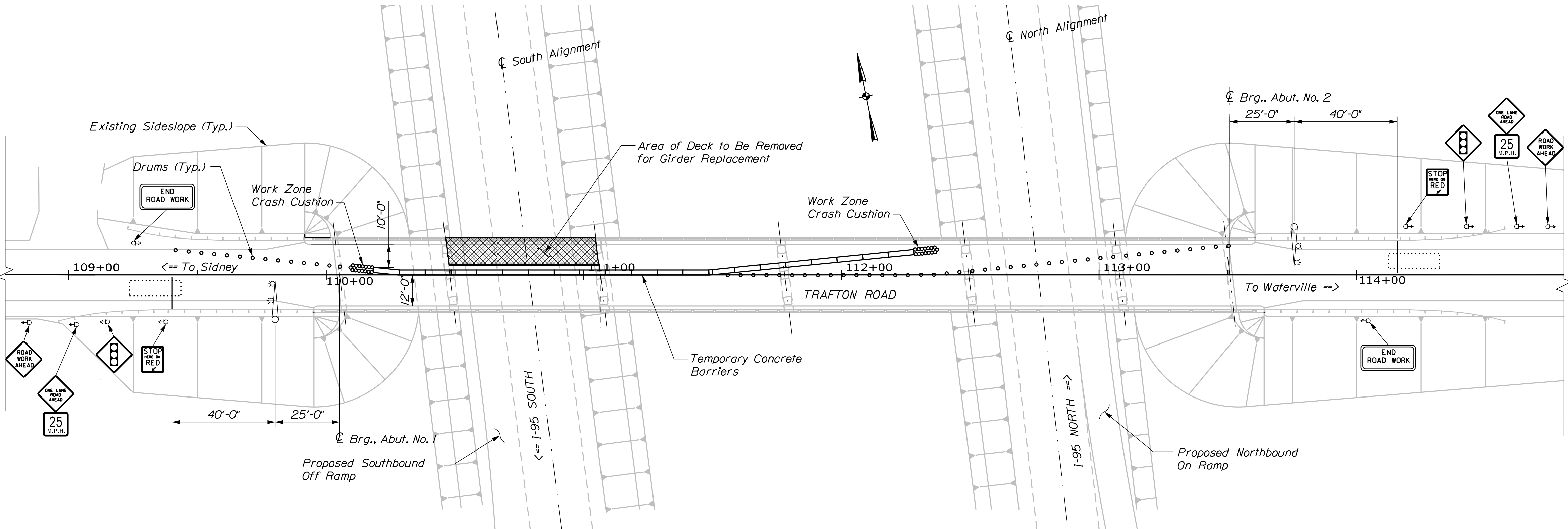
Filename: ... \MSTAD09\_Traffic\_Control.dgn



TRAFFIC CONTROL PLAN

TRAFFIC CONTROL PLAN NOTES

- 1.) Place temporary lane lines, detection zones, stop bars and temporary traffic signals as shown on plans.
- 2.) Establish work zone according to Staged Construction Plans. Set concrete barriers and drums to establish work zone as directed by the Resident.
- 3.) Traffic control construction signs determined from Temporary Traffic Control - Manual of Traffic Control Devices - 2009. Figure 6H-12 - Lane Closure on a Two-Lane Road using Traffic Control Signals (TA-12).
- 4.) Contractor is responsible for placing Traffic Control signs in the immediate area around the bridge and along the surrounding travelways.
- 5.) Additional signs may be needed, and all traffic control construction sign locations to be determined by the Resident.
- 6.) Spacing to be determined by the Resident in accordance with MUTCD.
- 7.) Cover or remove all conflicting route and directional signs.



TRAFFIC CONTROL SIGN LOCATION

SIGN SUMMARY		
SIGN	SIGN	QTY. / COLOR
R10-6	24 x 36	2 - Black on White
W20-1	36 x 36	2 - Black on Orange
W20-4	36 x 36	2 - Black on Orange
W3-3	36 x 36	2 - Red, Green, Yellow and Black on Orange
W13-1P	18 x 18	2 - Black on Orange
G20-2	36 x 18	2 - Black on Orange

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

021203.00

WIN  
21203.00

BRIDGE NO. 6812

BRIDGE PLANS

TRAFTON ROAD BRIDGE  
I-95 SOUTHBOUND LANE  
WATERVILLE

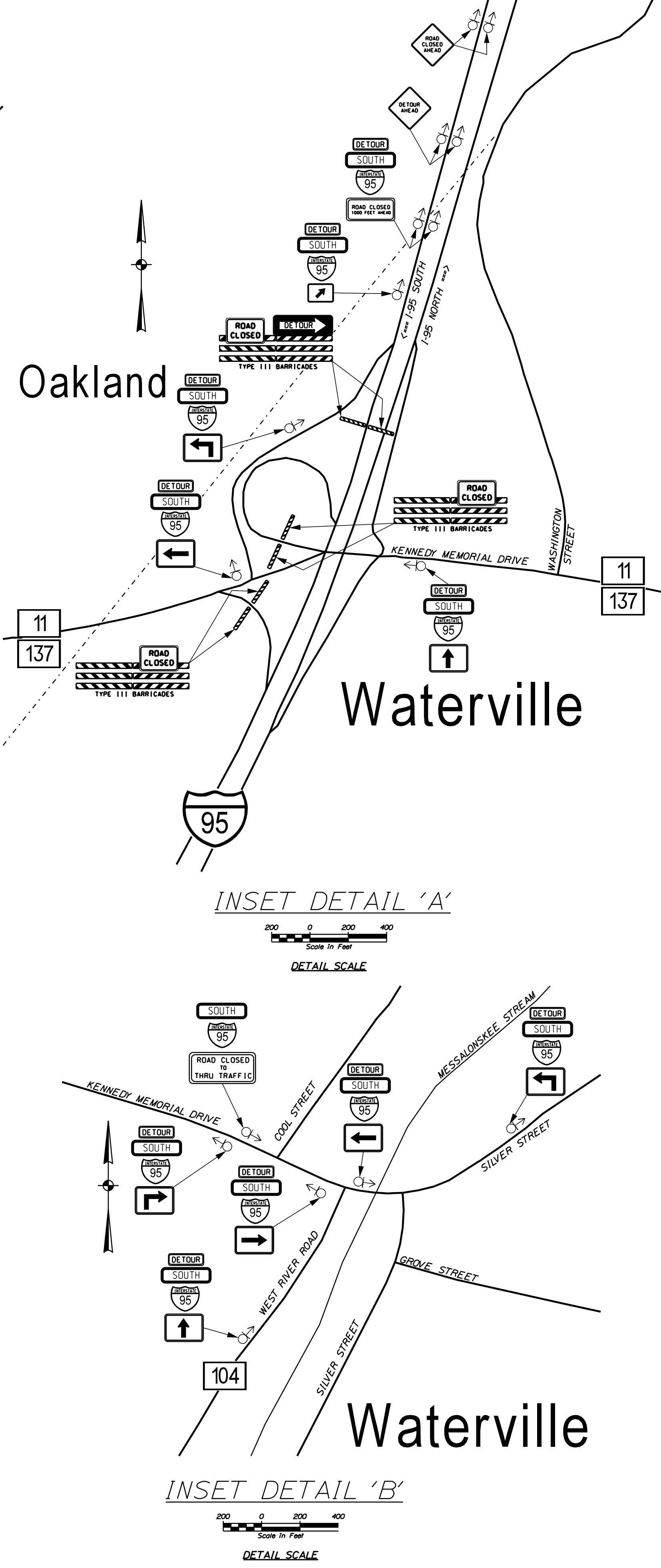
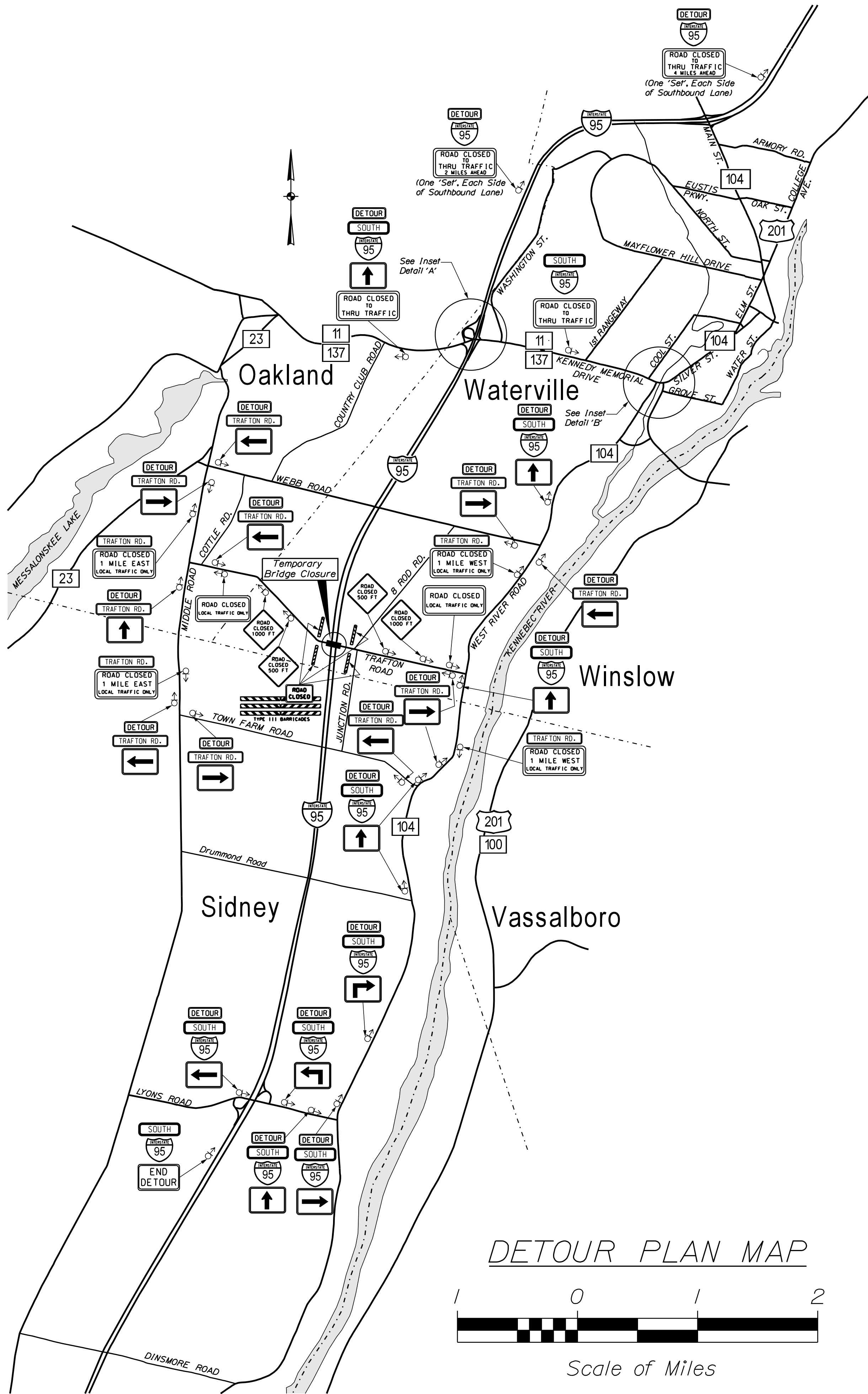
KENNEBEC

TRAFFIC CONTROL PLANS

SHEET NUMBER

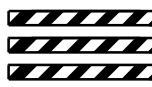





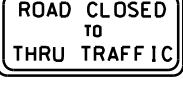

















B9

OF 10



DETOUR NOTES

- 1.) Additional signs may be needed as directed by the Resident.
- 2.) The Resident shall approve locations and text on message boards along detour route.
- 3.) Contractor is responsible for placing Traffic Control signs in the immediate area and along the surrounding travelways.
- 4.) Spacing to be determined by the Resident in accordance with MUTCD.
- 5.) Install six (6) Type III Barricades at Exit 127 of I-95, two on Southbound lane of interstate, and two on each of the I-95 Southbound On Ramps as designated on the plans.
- 6.) Cover or remove all conflicting route and directional signs.

SIGN SUMMARY					
SIGN	SIGN	QTY. / COLOR	SIGN	SIGN	QTY. / COLOR
 TYPE III BARRICADES	48 x 60	10 - Orange on White	 M4-10	48 x 48	2 - Orange on Black
 R11-2	48 x 30	5 - Black on White	 M4-10	48 x 48	2 - Orange on Black
 R11-3a	60 x 30	2 - Black on White	 M1-1	36 x 36	29 - Blue & Red on White
 R11-3a	60 x 30	3 - Black on White	 M4-8	24 x 12	36 - Black on Orange
 R11-3a	60 x 30	2 - Black on White	 D1-1c	42 x 12	15 - Black on Orange
 R11-3a	60 x 30	2 - Black on White	 D1-1c	36 x 12	25 - Black on Orange
 R11-3a	60 x 30	2 - Black on White	 M6-1	21 x 15	15 - Black on White
 R11-3a	60 x 30	2 - Black on White	 M6-2	21 x 15	1 - Black on White
 R11-3a	60 x 30	2 - Black on White	 M6-3	21 x 15	9 - Black on White
 M4-10	48 x 18	1 - Orange on Black	 M5-1R	21 x 15	2 - Black on White
 M4-10	48 x 48	2 - Orange on Black	 M5-1L	21 x 15	3 - Black on White
 M4-10	48 x 48	2 - Orange on Black	 M4-8A	24 x 18	1 - Black on White

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021203.00	
PROJECT MANAGER		DESIGN-DETAILED		SIGNATURE	
E. MARTIN		B. DOUGLAS		MAR 2016	
CHECKED-REVIEWED		DESIGN-DETAILED		P.E. NUMBER	
B. DOUGLAS		B. DOUGLAS		MAR 2016	
DESIGN-DETAILED		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 3		BRIDGE NO. 6812	
REVISIONS 4		FIELD CHANGES		WIN	
TRAFTON ROAD BRIDGE		KENNEBEC		21203.00	
I-95 SOUTHBOUND LANE		WATERVILLE		BRIDGE PLANS	
SHEET NUMBER		DETOUR PLANS		B10	
				OF 10	