BROADWAY (ROUTE 15)

BANGOR

PENOBSCOT COUNTY

ROADWAY & INTERSECTION IMPROVEMENTS

FEDERAL PROJECT HSIP-2166(300)

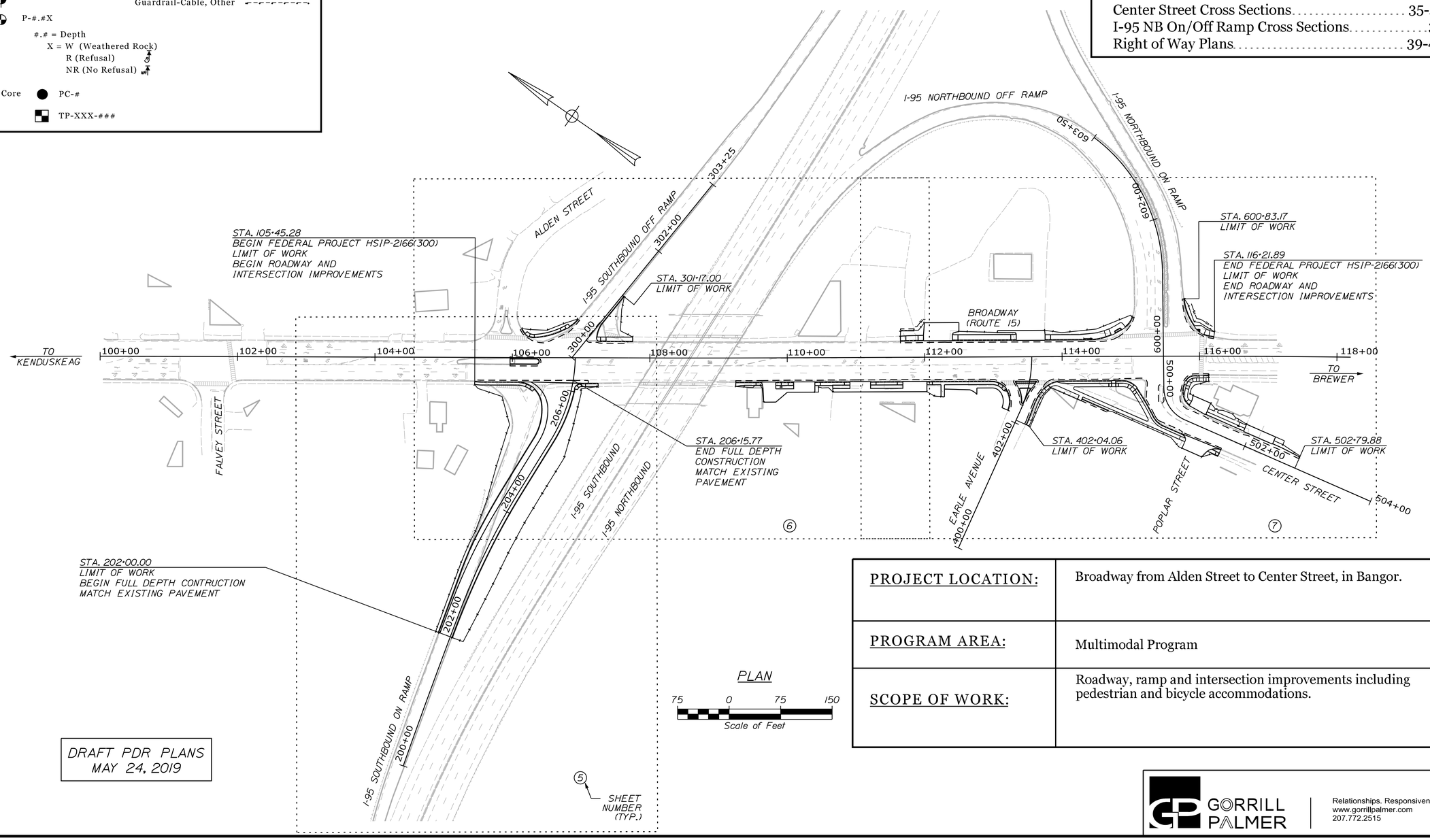
PROJECT LENGTH: 0.20 MILES

PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Exposed Bedrock
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line — CLL — CLL
Boring — HB-XXX-###
Probe — P-#.#X
#.# = Depth
X = W (Weathered Rock)
R (Refusal)
NR (No Refusal)
Pavement Core — PC-#
Test Pit — TP-XXX-###
Centerline-Existing
Centerline-Proposed
Travelway-Existing
Travelway-Proposed
Railroad
Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
Utility Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line
Existing San. Sewer
Existing San. Sewer Manhole
Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-3
Details Sheet	4
General Plans	5-7
Profile Sheets	8-11
Signal Plans	12-13
Striping Plans	14-16
Broadway (Route 15) Cross Sections	17-27
I-95 SB On Ramp Cross Sections	28-32
I-95 SB Off Ramp Cross Sections	33
Earle Avenue Cross Sections	34
Center Street Cross Sections	35-37
I-95 NB On/Off Ramp Cross Sections	38
Right of Way Plans	39-40



DRAFT PDR PLANS
MAY 24, 2019

PROJECT LOCATION:	Broadway from Alden Street to Center Street, in Bangor.
PROGRAM AREA:	Multimodal Program
SCOPE OF WORK:	Roadway, ramp and intersection improvements including pedestrian and bicycle accommodations.

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73 HARLOW STREET,
BANGOR, MAINE 04401

WIN 21663.00

PROJECT INFORMATION		SIGNATURE	P.E. NUMBER	DATE
PROGRAM	MULTIMODAL			
PROJECT MANAGER	D. LORING			
DESIGNER	D. ETTINGER			
CONSULTANT	GORRILL PALMER			
PROJECT RESIDENT				
CONTRACTOR				
PROJECT COMPLETION DATE				

HSIP-2166(300)

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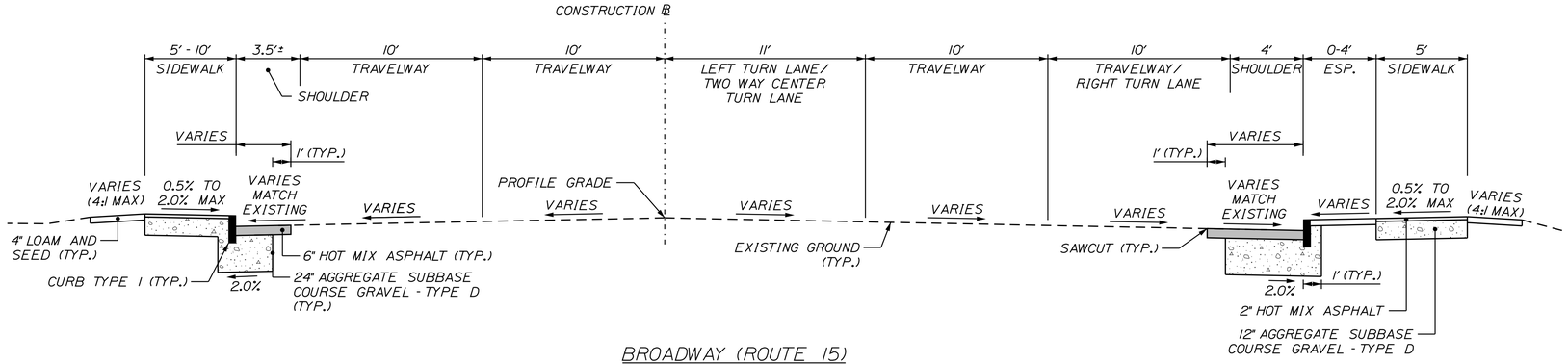
BANGOR
BROADWAY (ROUTE 15)

TITLE SHEET

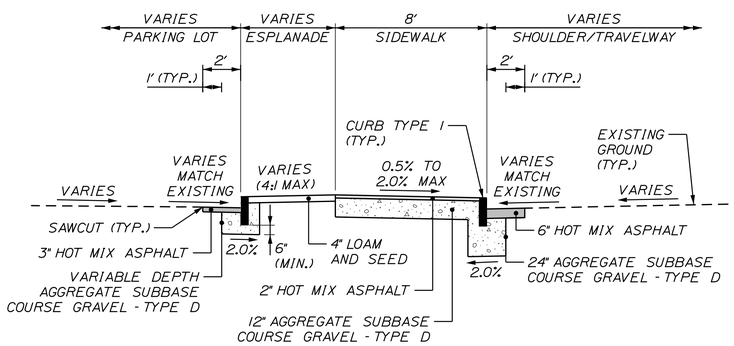
SHEET NUMBER
1
OF 40

Filename: ...\00\Highway\001_Title.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

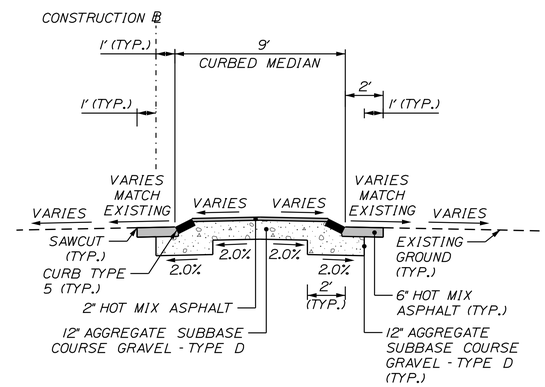
ESP = ESPLANADE



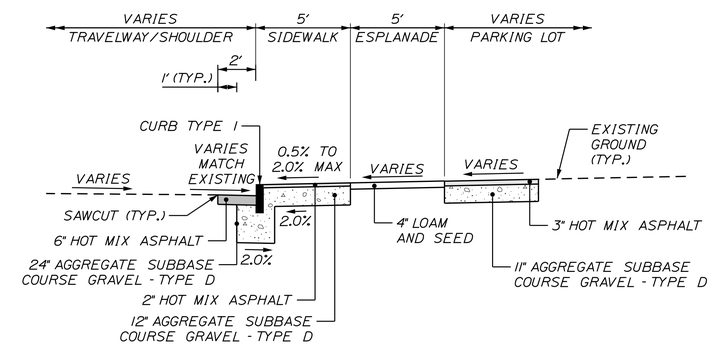
BROADWAY (ROUTE 15)
TYPICAL SECTION
STA. 105+45 TO STA. 116+21



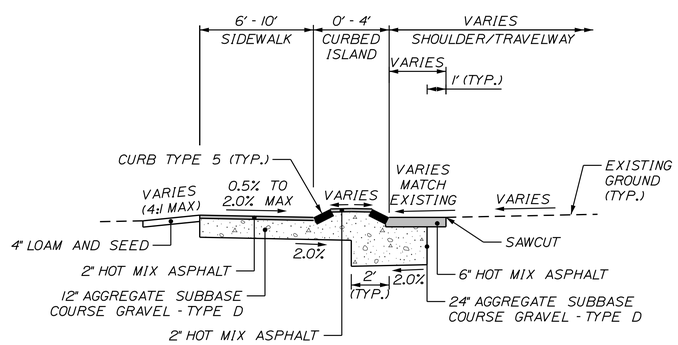
BROADWAY (ROUTE 15)
ACCESS CONTROL WITH SIDEWALK AND BACK CURB
STA. 111+65 TO STA. 111+98, LT.



BROADWAY (ROUTE 15)
CURBED MEDIAN
STA. 105+97 TO STA. 106+40, RT.



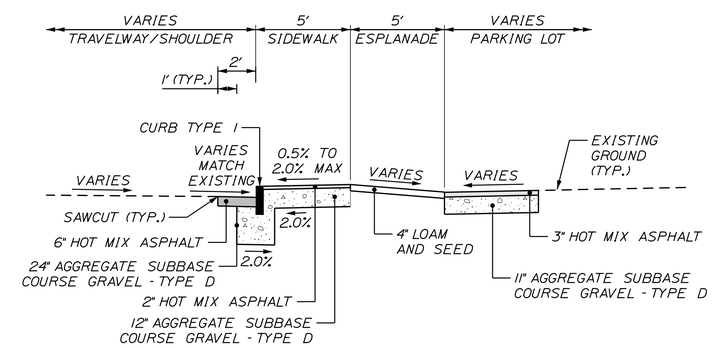
BROADWAY (ROUTE 15)
SIDEWALK WITH BACK ESPLANADE
STA. 109+85 TO STA. 110+09, RT.
STA. 110+40 TO STA. 110+91, RT.



BROADWAY (ROUTE 15)
AT-GRADE CURBED PEDESTRIAN ISLAND
STA. 114+77 TO STA. 114+87, LT.
STA. 115+96 TO STA. 116+00, LT.

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
3. THE SHOULDER PAVEMENT THICKNESS SHALL BE THE SAME AS THE TRAVELWAY PAVEMENT THICKNESS FOR ALL ROADWAYS, UNLESS OTHERWISE NOTED.
4. SAWCUT LOCATION SHALL BE 2" INSIDE PROPOSED CURB OR EDGE OF EXISTING PAVEMENT, WHICHEVER IS CLOSEST TO THE CONSTRUCTION BASELINE. COORDINATE WORK WITH RESIDENT.
5. THE STATIONING UNDER EACH TYPICAL IS APPROXIMATE.



BROADWAY (ROUTE 15)
SIDEWALK WITH BACK ESPLANADE
STA. 111+21 TO STA. 111+68, RT.

NOT TO SCALE

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73 HARLOW STREET,
BANGOR, MAINE 04401

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21663.00

	BY	DATE
PROJ. MANAGER	D. L. LORING	05\19
DESIGN-DETAILED	JSW	05\19
CHECKED-REVIEWED	DGE	-
DESIGN2-DETAILED2	-	-
DESIGN3-DETAILED3	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE
P.E. NUMBER
DATE

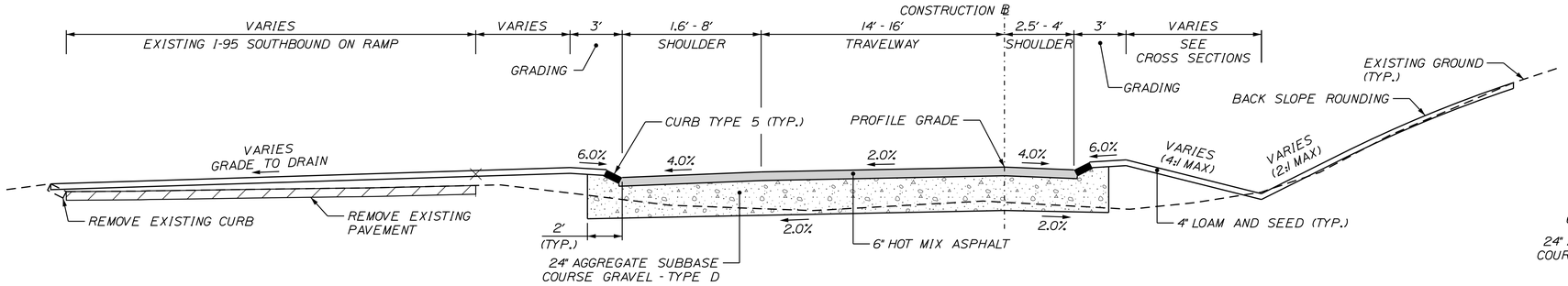
BANGOR
BROADWAY (ROUTE 15)

TYPICAL SECTIONS

SHEET NUMBER
2
OF 40

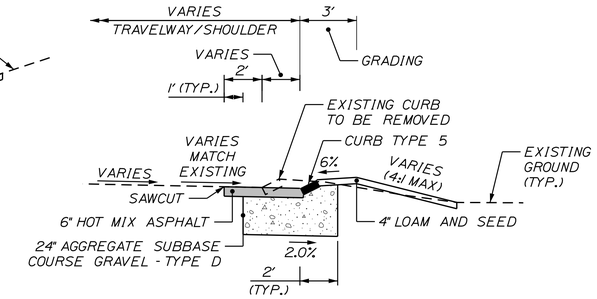
Filename: ...\002_Typical Section.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

ESP = ESPLANADE



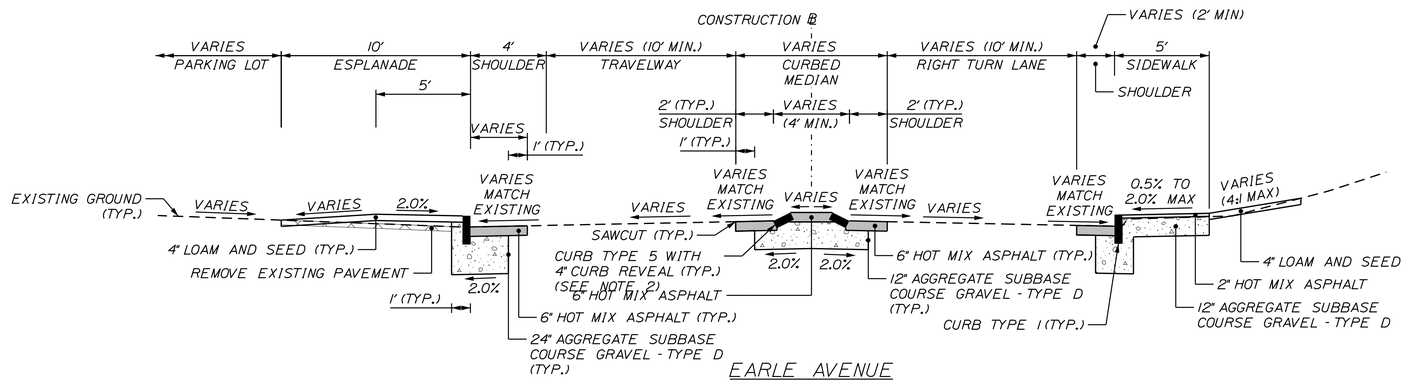
I-95 SOUTHBOUND ON RAMP TYPICAL SECTION

STA. 202+00 TO STA. 206+16



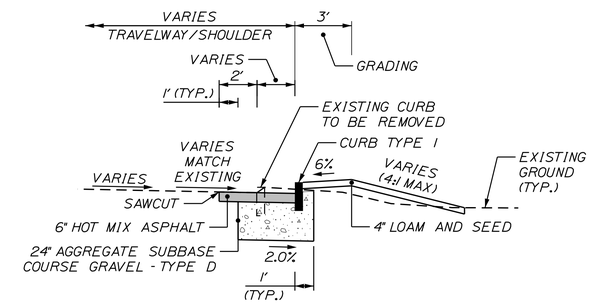
I-95 ON/OFF RAMPS SLOPED CURB WITHOUT SIDEWALK

STA. 300+46 TO STA. 301+17, RT.
STA. 600+44 TO STA. 600+83, RT.



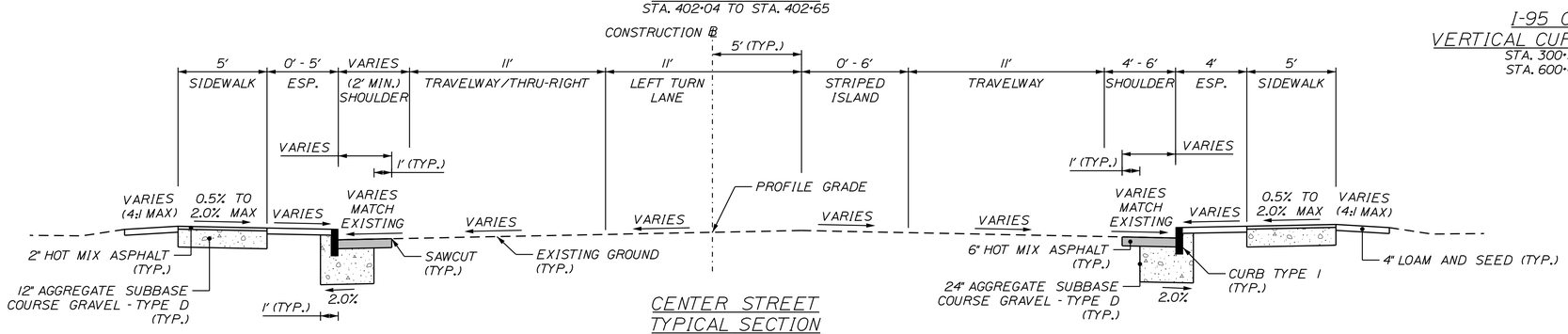
EARLE AVENUE TYPICAL SECTION

STA. 402+04 TO STA. 402+65



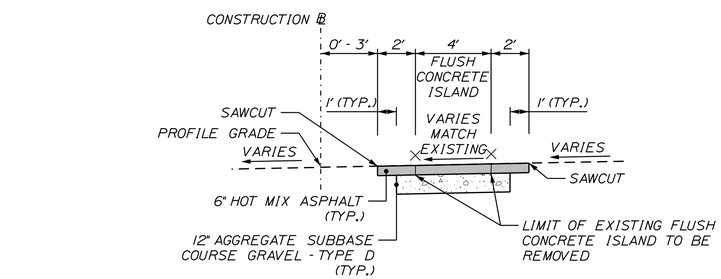
I-95 ON/OFF RAMPS VERTICAL CURB WITHOUT SIDEWALK

STA. 300+33 TO STA. 300+49, LT.
STA. 600+43 TO STA. 600+58, LT.



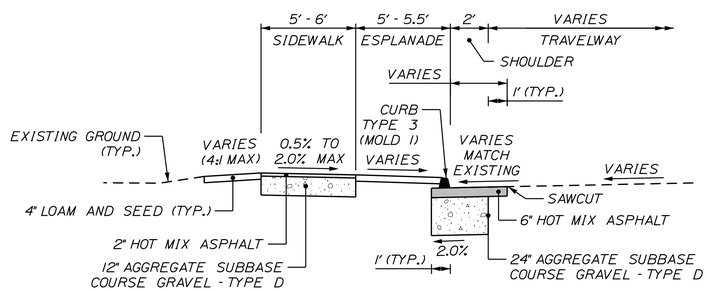
CENTER STREET TYPICAL SECTION

STA. 500+28 TO STA. 501+15



CENTER STREET CONCRETE ISLAND REMOVAL

STA. 500+43 TO STA. 500+64, RT.



CENTER STREET BITUMINOUS CURB WITH ESPLANADE AND SIDEWALK

STA. 501+30 TO STA. 502+80, LT.
STA. 501+53 TO STA. 501+70, RT.

NOTES:

1. SEE NOTES ON PREVIOUS SHEET.
2. EARLE AVENUE CHANNELIZATION ISLAND TO HAVE 4" CURB TYPE 5 REVEAL, 6" PAVEMENT SURFACE, AND MINIMAL SIGNAGE TO ALLOW FOR LARGE TRUCK ACCESS.

NOT TO SCALE

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PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

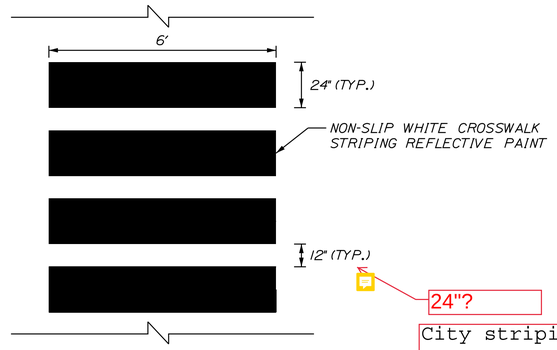
DATE

BANGOR
BROADWAY (ROUTE 15)

TYPICAL SECTIONS

SHEET NUMBER
3
OF 40

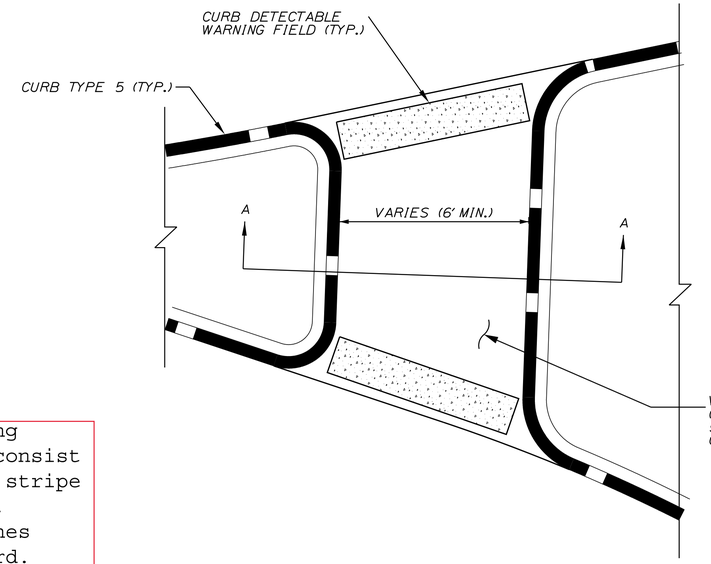
Filename: ...\003_Typical Section.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/29/2019

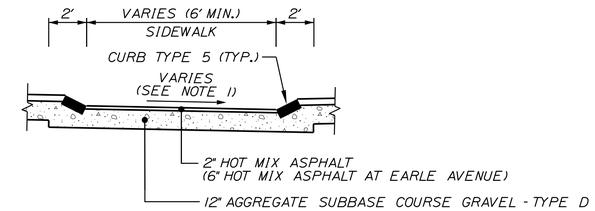


24"?

City striping appears to consist of 24" wide stripe and 12" gap. Design matches City standard.

CROSSWALK STRIPING DETAIL





SECTION A-A

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

MEDIAN
PEDESTRIAN AT GRADE CROSSING DETAIL

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

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PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

DETAILS SHEET

SHEET NUMBER
4
OF 40

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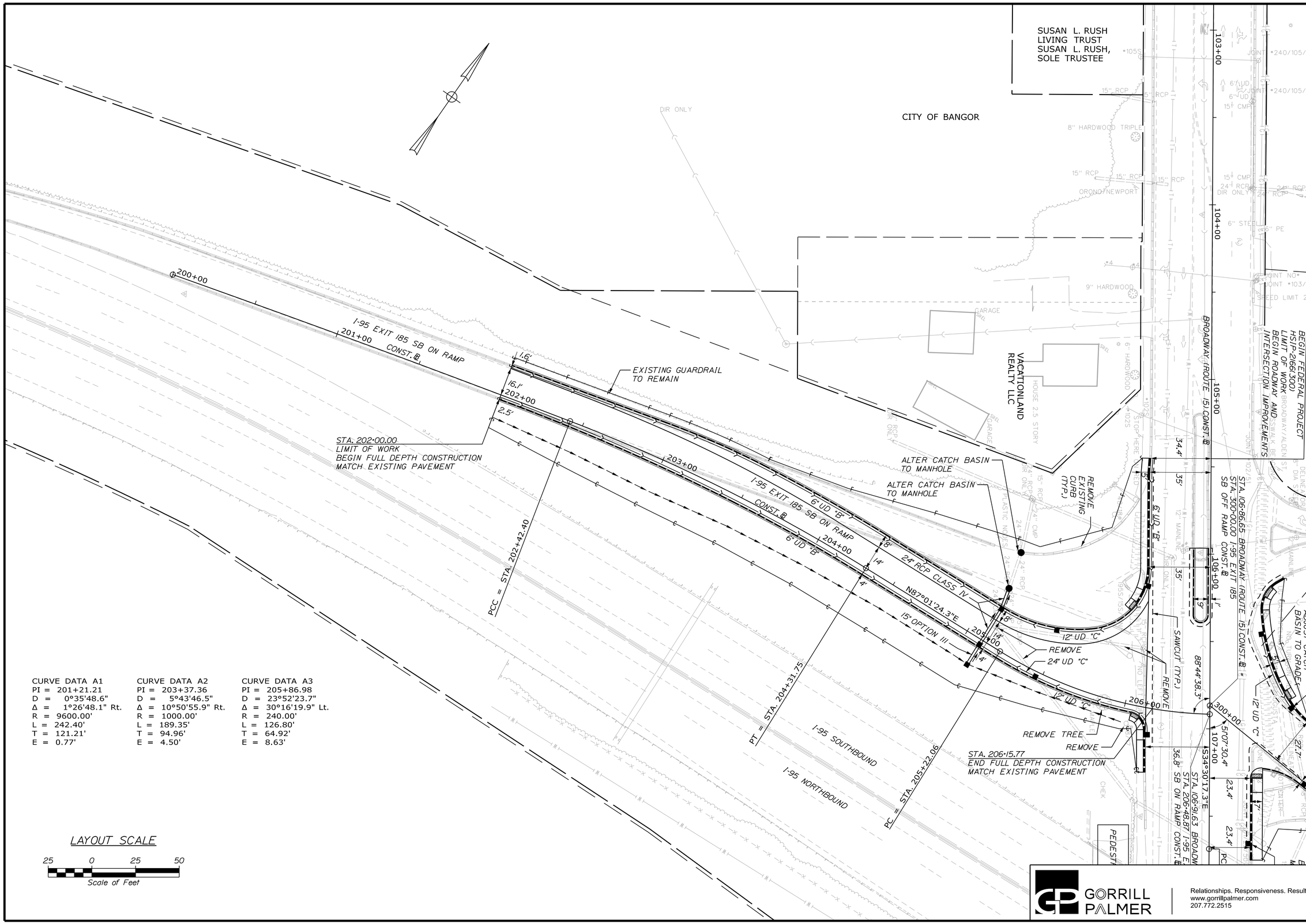
Filename: ...\00\Highway\004_Details.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/29/2019



CURVE DATA A1
PI = 201+21.21
D = 0°35'48.6"
Δ = 1°26'48.1" Rt.
R = 9600.00'
L = 242.40'
T = 121.21'
E = 0.77'

CURVE DATA A2
PI = 203+37.36
D = 5°43'46.5"
Δ = 10°50'55.9" Rt.
R = 1000.00'
L = 189.35'
T = 94.96'
E = 4.50'

CURVE DATA A3
PI = 205+86.98
D = 23°52'23.7"
Δ = 30°16'19.9" Lt.
R = 240.00'
L = 126.80'
T = 64.92'
E = 8.63'

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CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

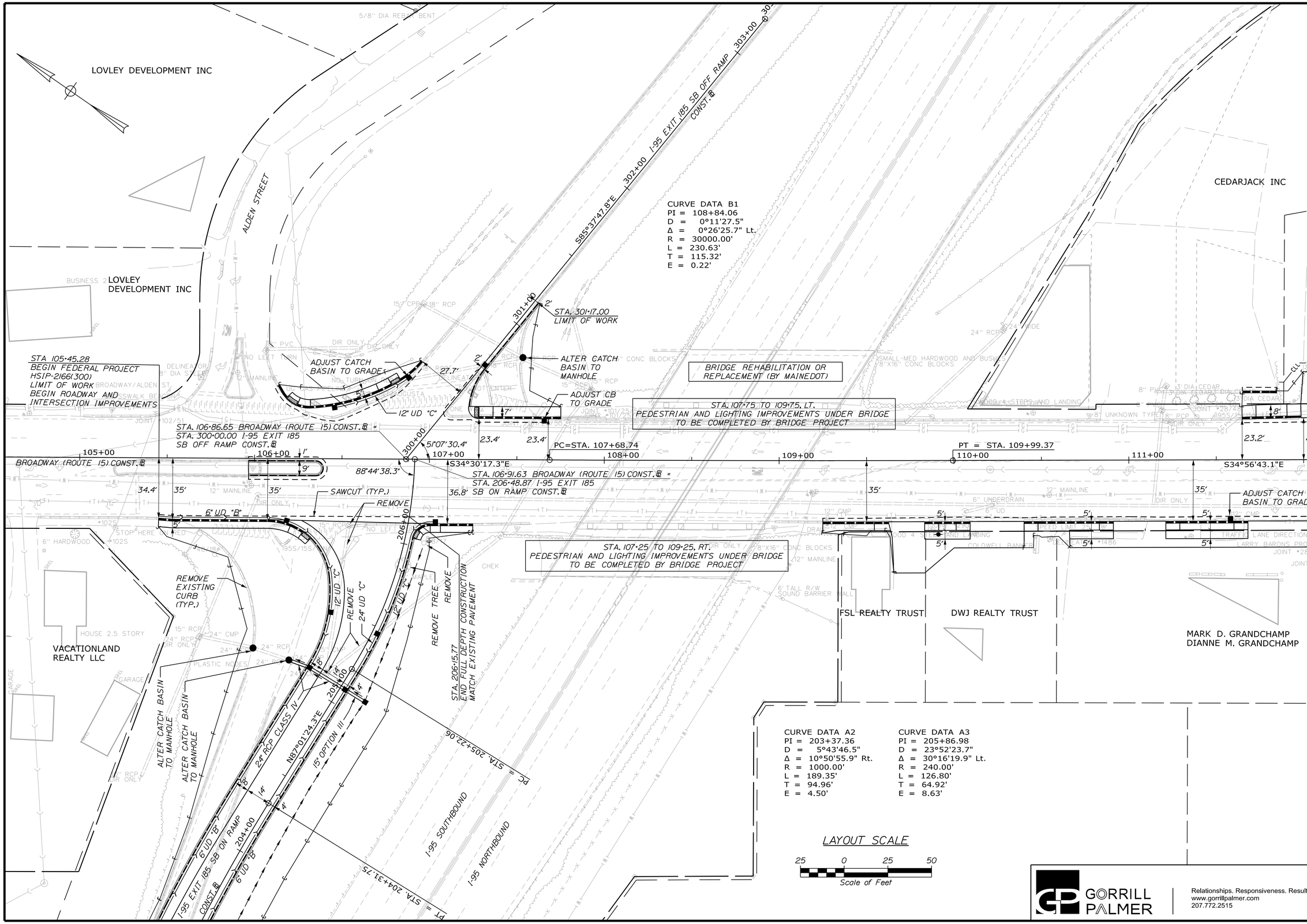
	BY	DATE
PROJ. MANAGER	D. LORING	
DESIGN-DETAILED	JSW	05\19
CHECKED-REVIEWED	MPC	05\19
DESIGN2-DETAILED2	DGE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
P.E. NUMBER
DATE

BANGOR
BROADWAY (ROUTE 15)
GENERAL PLANS

SHEET NUMBER
5
OF 40

Filename: ...\Highway\005_Plan Sheet 1.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019



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73 HARLOW STREET,
BANGOR, MAINE 04401

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	BY	DATE
D. LORING		
PROJ. MANAGER	MPC	05\19
DESIGN-DETAILED	JSW	05\19
CHECKED-REVIEWED	DCE	-
DESIGN2-DETAILED2	-	-
DESIGN3-DETAILED3	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE
P.E. NUMBER
DATE

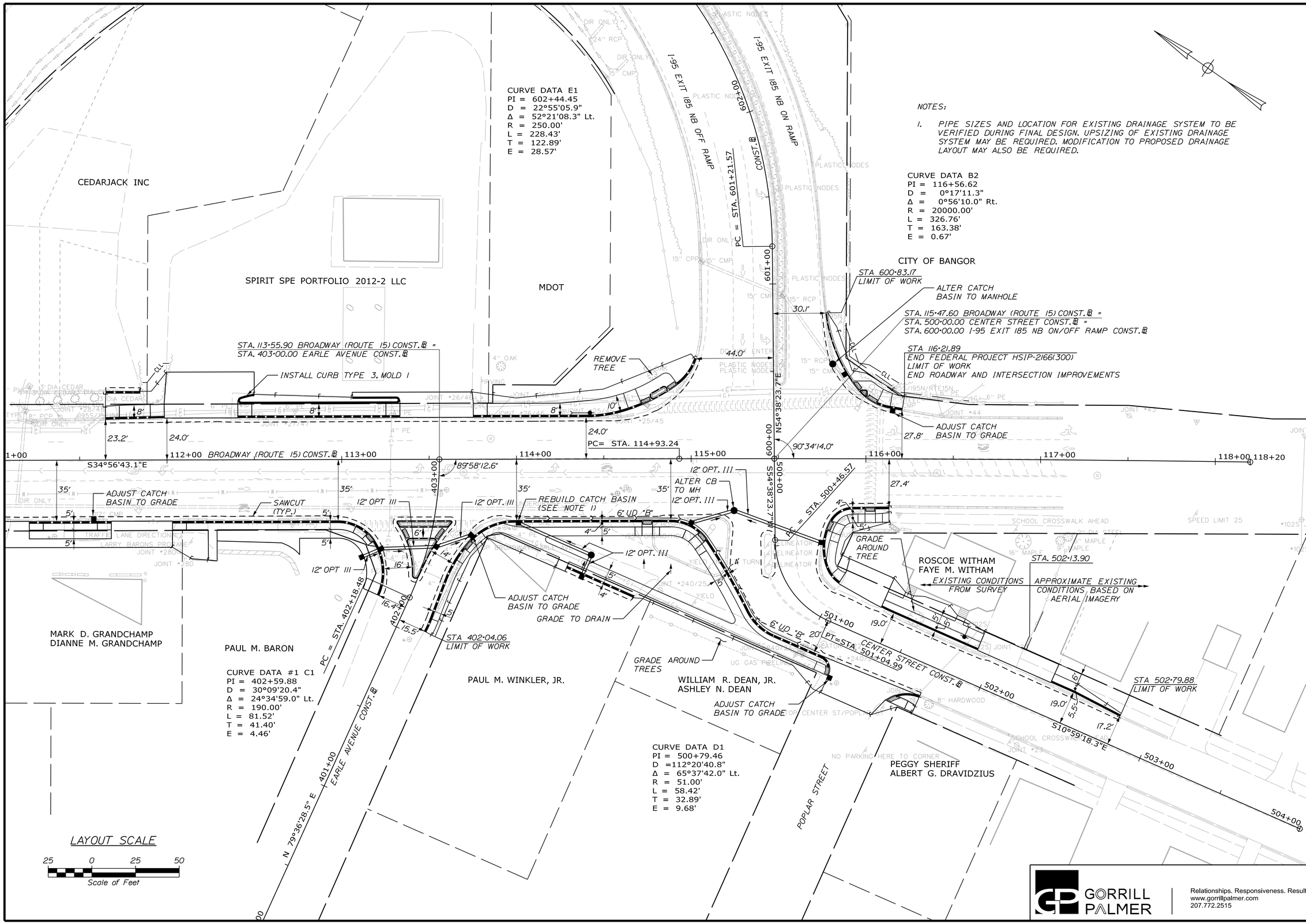
BANGOR
BROADWAY (ROUTE 15)

GENERAL PLANS

SHEET NUMBER
6
OF 40

Filename: ...\Highway\006_Plan Sheet 2.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019

Filename: ...\Highway\007_Plan Sheet 3.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019



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CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

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PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
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DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

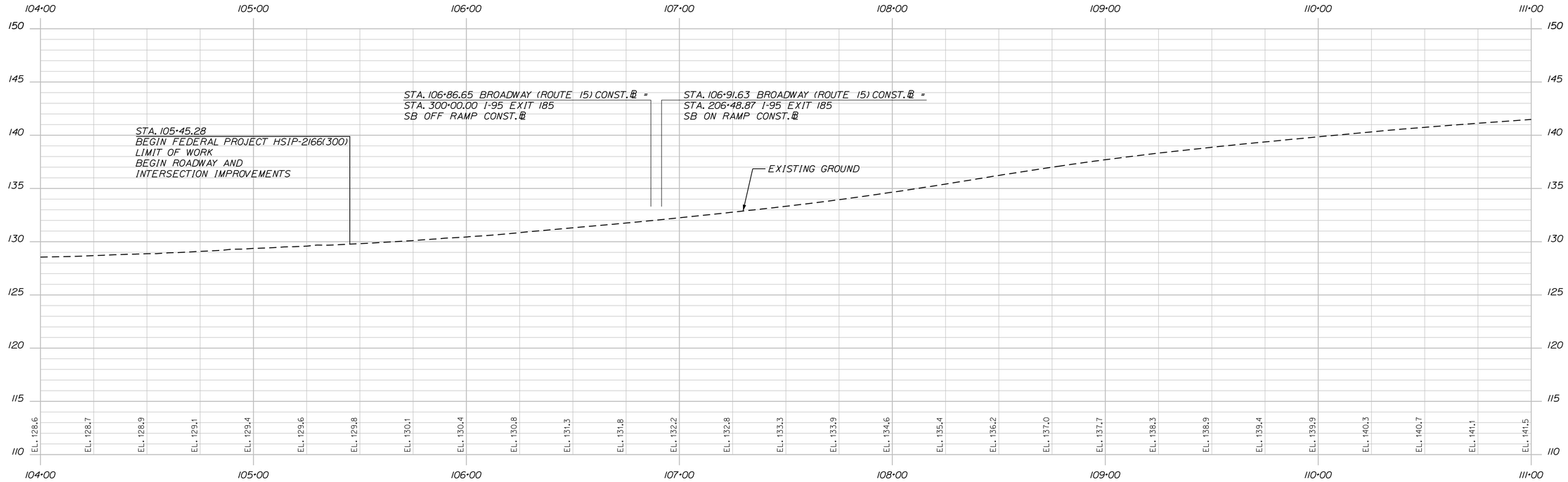
BANGOR
BROADWAY (ROUTE 15)

GENERAL PLANS

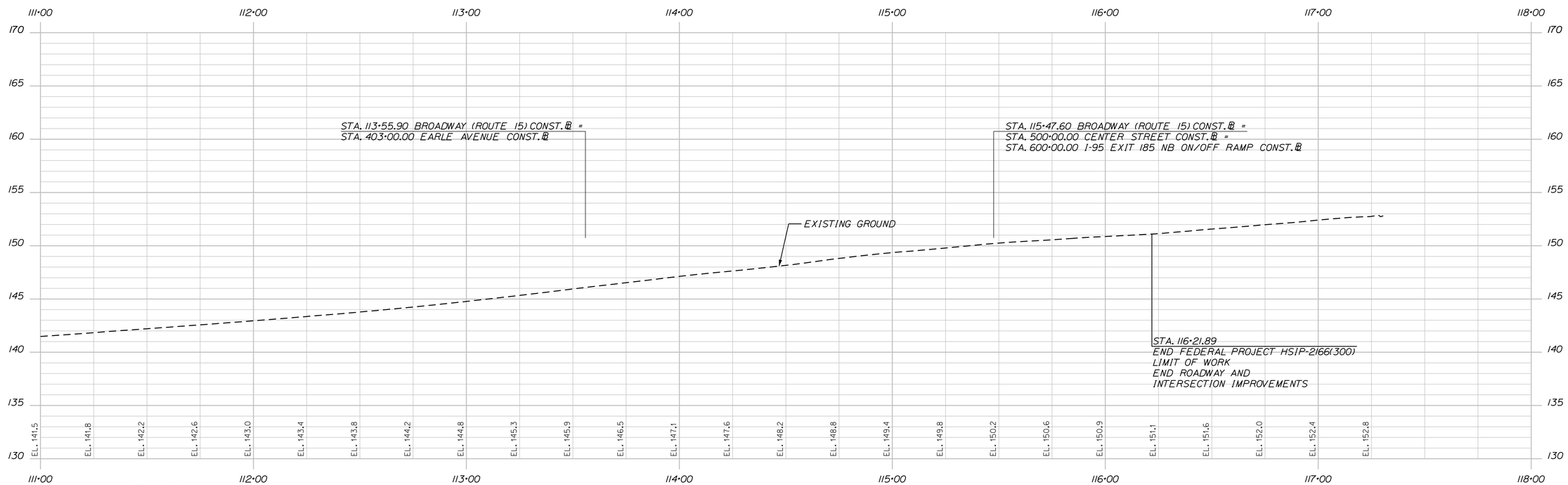
SHEET NUMBER

7

OF 40



BROADWAY (ROUTE 15) PROFILE



BROADWAY (ROUTE 15) PROFILE

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

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73 HARLOW STREET,
BANGOR, MAINE 04401

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PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

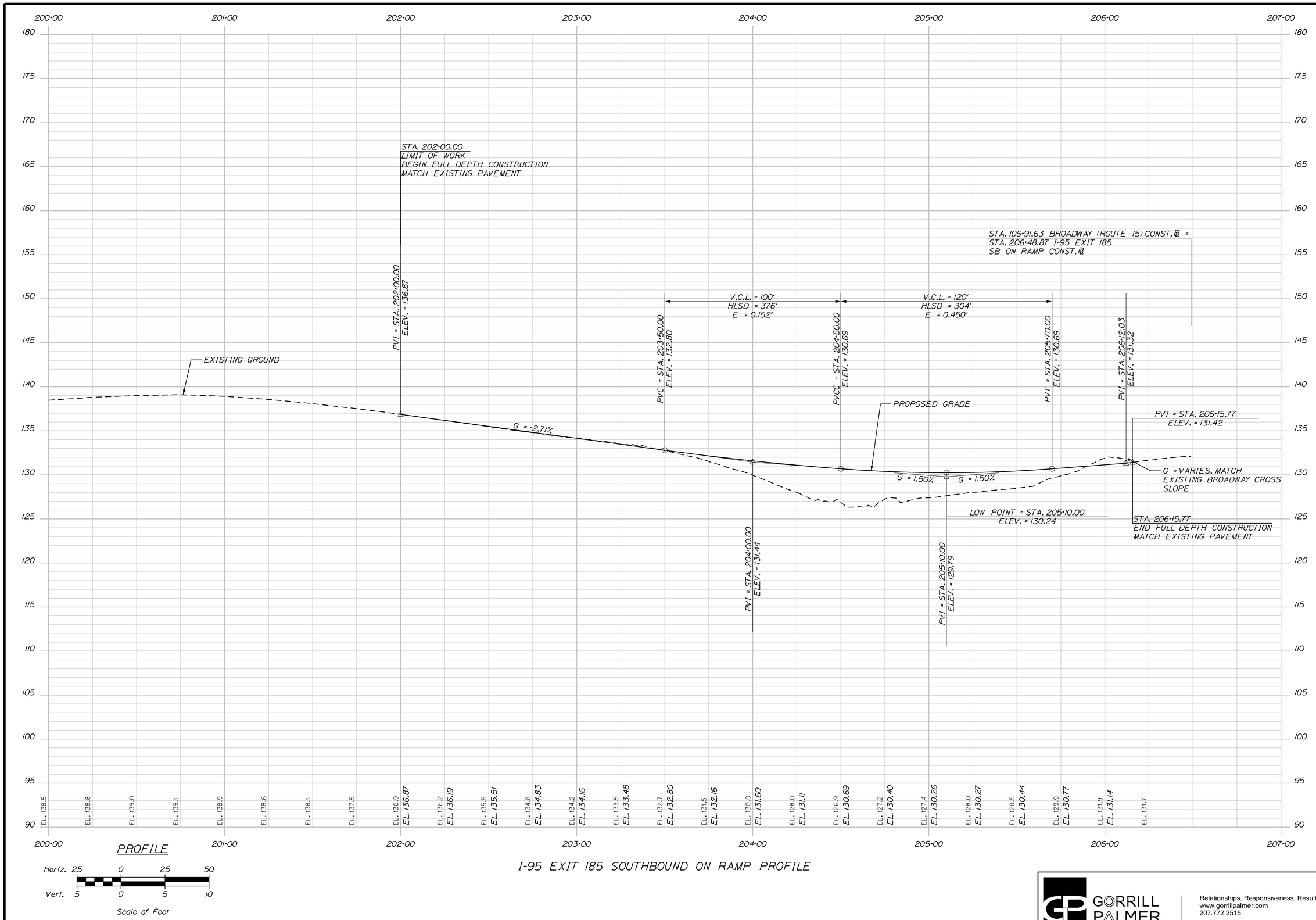
PROFILE SHEETS

SHEET NUMBER

8

OF 40

Filename: ...\00\Highway\008_Prof01.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



I-95 EXIT 185 SOUTHBOUND ON RAMP PROFILE

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CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. L. CORNING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

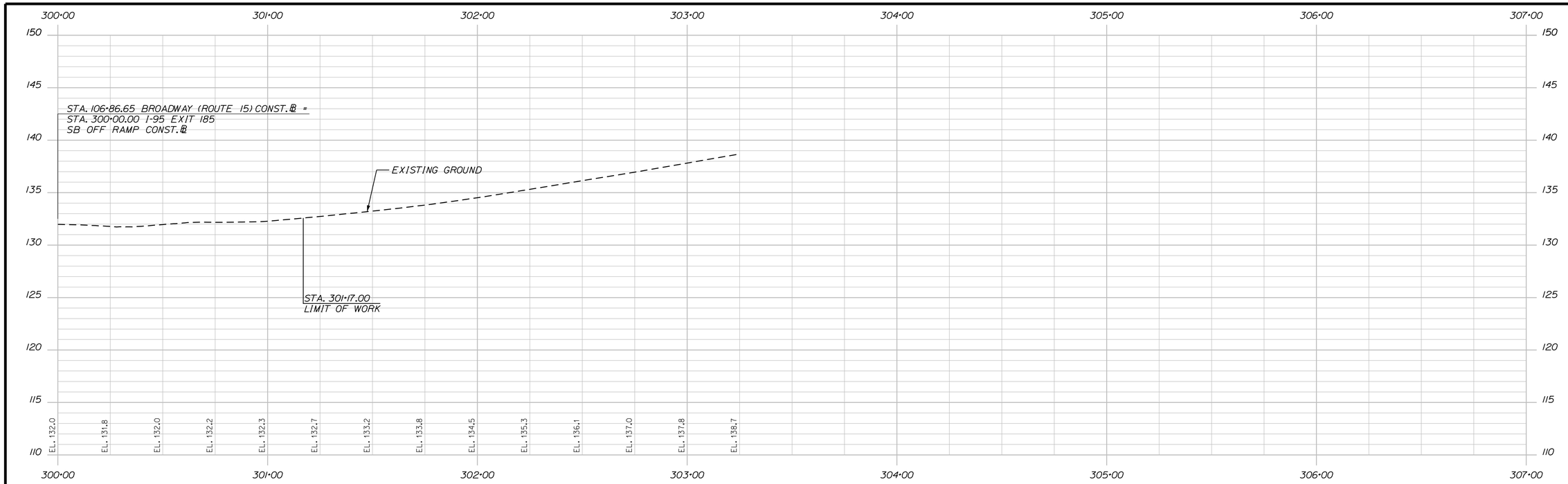
PROFILE SHEETS

SHEET NUMBER

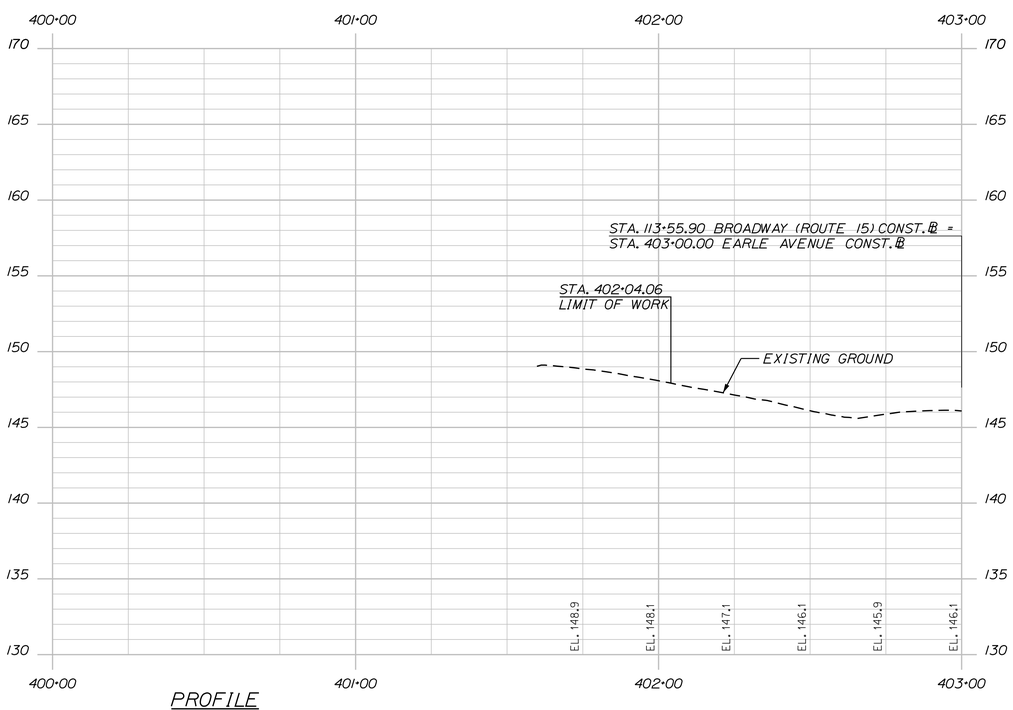
9

OF 40

Filename: ...\00\Highway\009_Prof02.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



I-95 EXIT 185 SB OFF RAMP PROFILE



PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

EARLE AVENUE PROFILE

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BANGOR, MAINE 04401

WIN
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PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
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SIGNATURE

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BANGOR
BROADWAY (ROUTE 15)

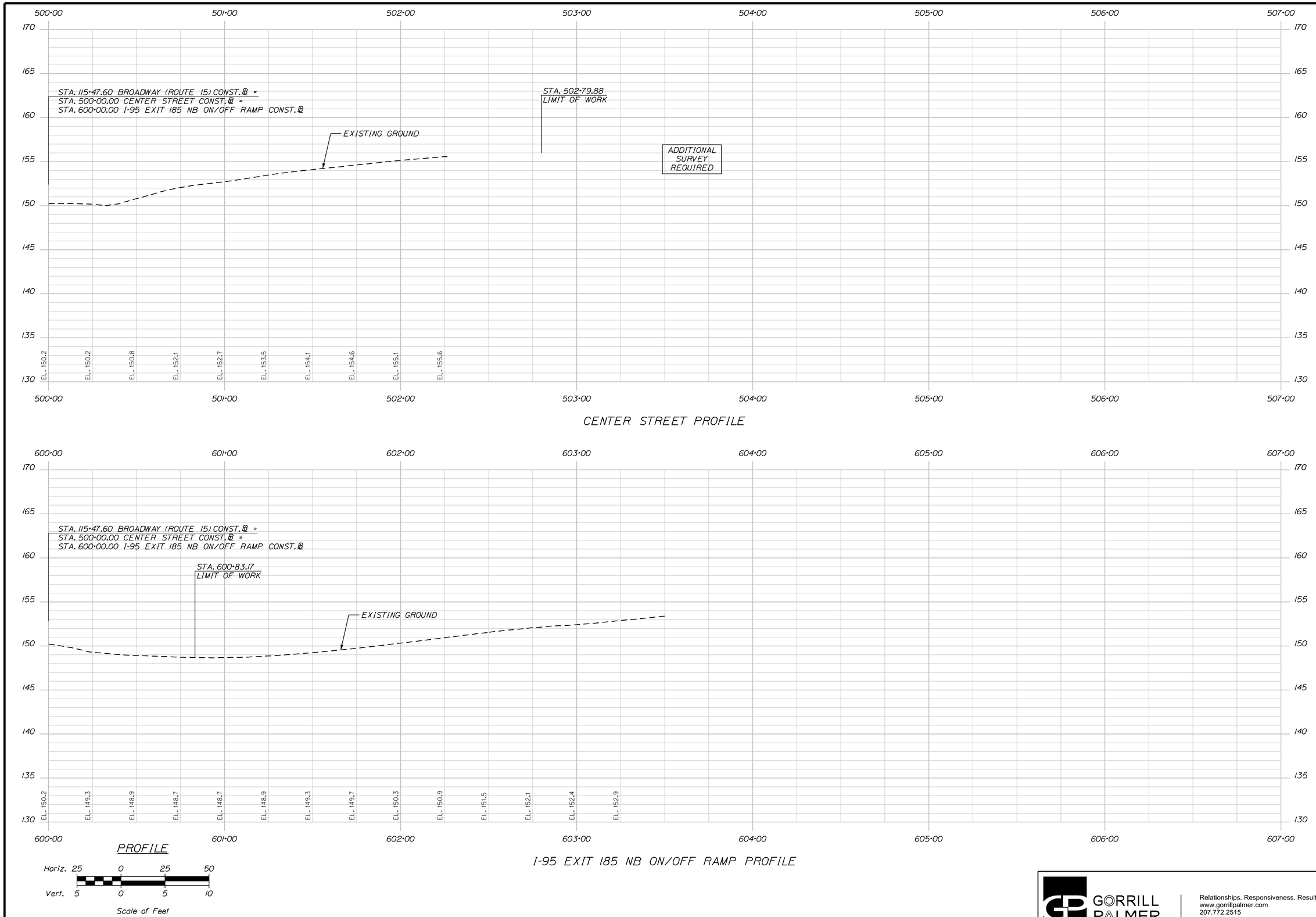
PROFILE SHEETS

SHEET NUMBER

10

OF 40

Filename: ...\00\Highway\010_Prof03.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



Filename: ...\00\Highway\011_Prof04.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

PROFILE SHEETS

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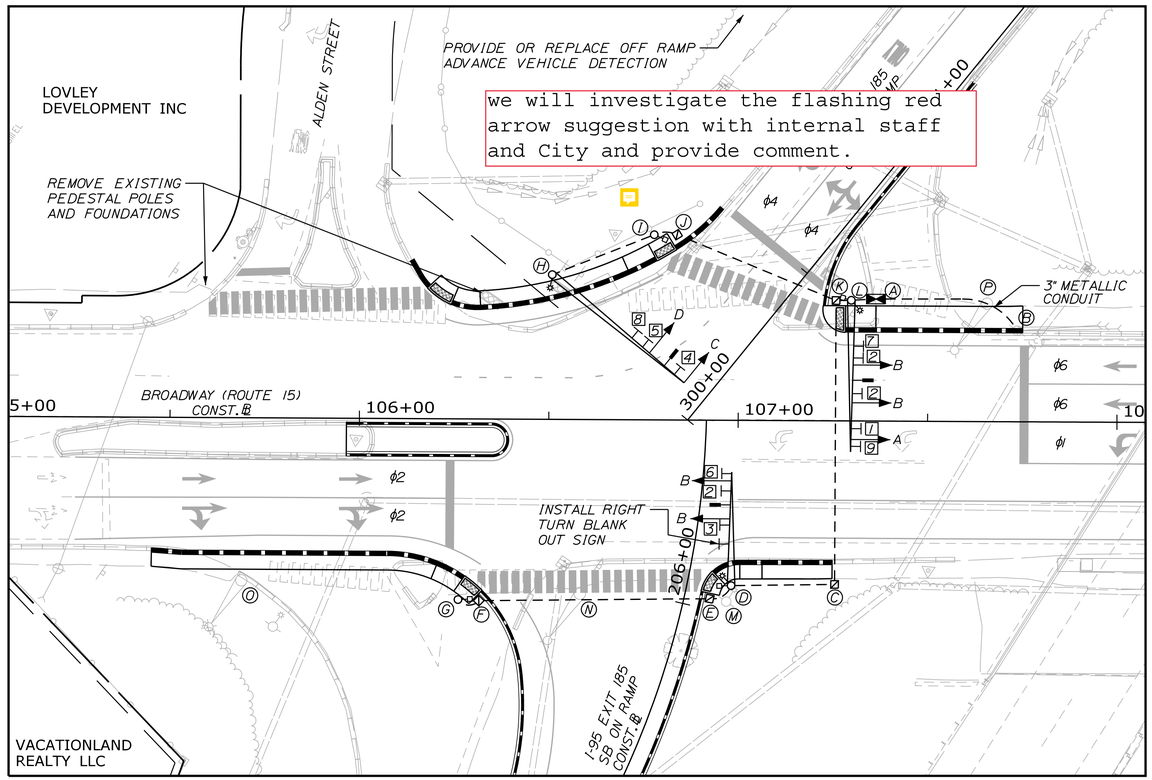
SHEET NUMBER
11
OF 40



LAYOUT SCALE

20 0 20 40

Scale of Feet

LEGEND	
EXISTING	PROPOSED
	SIGNAL NOTE
	SIGNAL HEAD
	VIDEO DETECTOR
	SIGNAL CONDUIT (3" PVC, SCH 80, UNLESS OTHERWISE NOTED)
	CONTROLLER CABINET
	PEDESTRIAN SIGNAL HEAD
	SIGNAL POLE
	MAST ARM WITH DUAL PURPOSE POLE AND SIGNAL STANDARD
	MAST ARM WITH SIGNAL STANDARD
	MOUNTED SIGN
	JUNCTION BOX

PEDESTRIAN SIGNAL HEADS

16"x18" LED WITH COUNT DOWN TIMER

(4 PROPOSED)

TIMING NOTES:
* BROADWAY COORDINATION PLANS
6:30 AM - 10:30 AM
10:30 AM - 11:00 PM
* FLASH OPERATION 11:00 PM - 6:30 AM WITH BROADWAY FLASHING YELLOW AND SIDE STREETS FLASHING RED.

RIGHT TURN BLANKOUT SIGN

36"

TURNING VEHICLES

TO

36"x36"
(1 PROPOSED)

1. SIGN SHALL BE LIT WHEN PEDESTRIAN CROSSING BUTTON ACTUATED AND PHASE 2 HAS GREEN BALL.

EQUIPMENT SCHEDULE

DESIGNATION	ITEM	DESCRIPTION	LOCATION *
A	CONTROLLER CABINET WITH FOUNDATION	GROUND MOUNTED WITH BASE EXTENSION, CONCRETE FOUNDATION, AND NEW CONTROLLER.	STA. 107+36.21, 32.21' LT
B	POWER SOURCE FOR CONTROLLER	EXISTING UTILITY POLE.	STA. 107+73.56, 24.03' LT
C,E,F,J,K	PROPOSED JUNCTION BOX	PRECAST CONCRETE.	LOCATIONS ON PLAN ARE APPROXIMATE
D	DUAL PURPOSE POLE WITH 30' MAST ARM	SIGNAL HEADS, OVERHEAD SIGNS, VEHICLE DETECTION, PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, OVERHEAD ILLUMINATION, AND CONCRETE FOUNDATION.	STA. 206+07.14, 11.49' RT
G	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, AND CONCRETE FOUNDATION.	STA. 106+26.27, 47.72' RT
H	DUAL PURPOSE POLE WITH 45' MAST ARM	SIGNAL HEADS, OVERHEAD SIGNS, VEHICLE DETECTION, OVERHEAD ILLUMINATION, AND CONCRETE FOUNDATION	STA. 106+50.73, 38.20' LT
I	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, AND CONCRETE FOUNDATION.	STA. 300+32.36, 37.72' LT
L	DUAL PURPOSE POLE WITH 40' MAST ARM	SIGNAL HEADS, OVERHEAD SIGNS, VEHICLE DETECTION, PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, OVERHEAD ILLUMINATION, AND CONCRETE FOUNDATION.	STA. 300+51.81, 13.54' RT
M	EXISTING LIGHT POLE	REMOVE EXISTING LIGHT POLE AND FOUNDATION.	STA. 106+97.09, 47.88' RT
N	EXISTING MAST ARM POLE	REMOVE EXISTING MAST ARM POLE AND FOUNDATION.	STA. 106+58.45, 46.03' RT
O	EXISTING MAST ARM POLE	REMOVE EXISTING MAST ARM POLE AND FOUNDATION.	STA. 105+69.05, 42.94' RT
P	EXISTING MAST ARM POLE	REMOVE EXISTING MAST ARM POLE AND FOUNDATION.	STA. 107+65.55, 31.14' LT

* EQUIPMENT TO BE ADJUSTED BY RESIDENT, MAINEDOT, OR CITY AS DIRECTED

* STATION AND OFFSET INFORMATION IS APPROXIMATE

SIGN LEGEND

R3-5(L) 30"x36"	R3-5a 30"x36"	R3-6(R) 30"x36"	R3-6 30"x36"	R3-5(R) 30"x36"	R3-2 36" x 36"	R3-1 36" x 36"	R10-11a 30"x36"	R10-5 30"x36"
1	2	3	4	5	6	7	8	9
(1 PROPOSED)	(3 PROPOSED)	(1 PROPOSED)	(1 PROPOSED)	(1 PROPOSED)	(1 PROPOSED)	(1 PROPOSED)	(1 PROPOSED)	(1 PROPOSED)

LANE USE SIGNS SHALL BE CENTERED AS CLOSE AS PRACTICAL TO ASSOCIATED LANE.

PHASING SEQUENCE

BROADWAY	BROADWAY	I-95 EXIT
P- - - - - - - -P*	P- - - - - - - -P*	
ϕ6	ϕ6	ϕ4 ϕ4
ϕ6	ϕ6	
ϕ1	ϕ2	
	ϕ2	
	P- - - - - - - -P*	

* WALK= 5 SECONDS
PED CLEARANCE = 14 SECONDS

* WALK= 5 SECONDS
PED CLEARANCE = 16 SECONDS

PROPOSED SIGNAL HEADS

ALL LENSES 12" LED WITH 5" LOUVERED BACK PLATE AND RECTROREFLECTIVE YELLOW BORDER

A (1 PROPOSED) B (4 PROPOSED) C (1 PROPOSED) D (1 PROPOSED)

SIGNAL HEADS TO BE ALIGNED PER MUTCD STANDARDS

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73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

	BY	DATE
PROJ. MANAGER	D. LORING	
DESIGN-DETAILED	JSW	05\19
CHECKED-REVIEWED	RED	05\19
DESIGN2-DETAILED2	-	-
DESIGN3-DETAILED3	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE

P.E. NUMBER

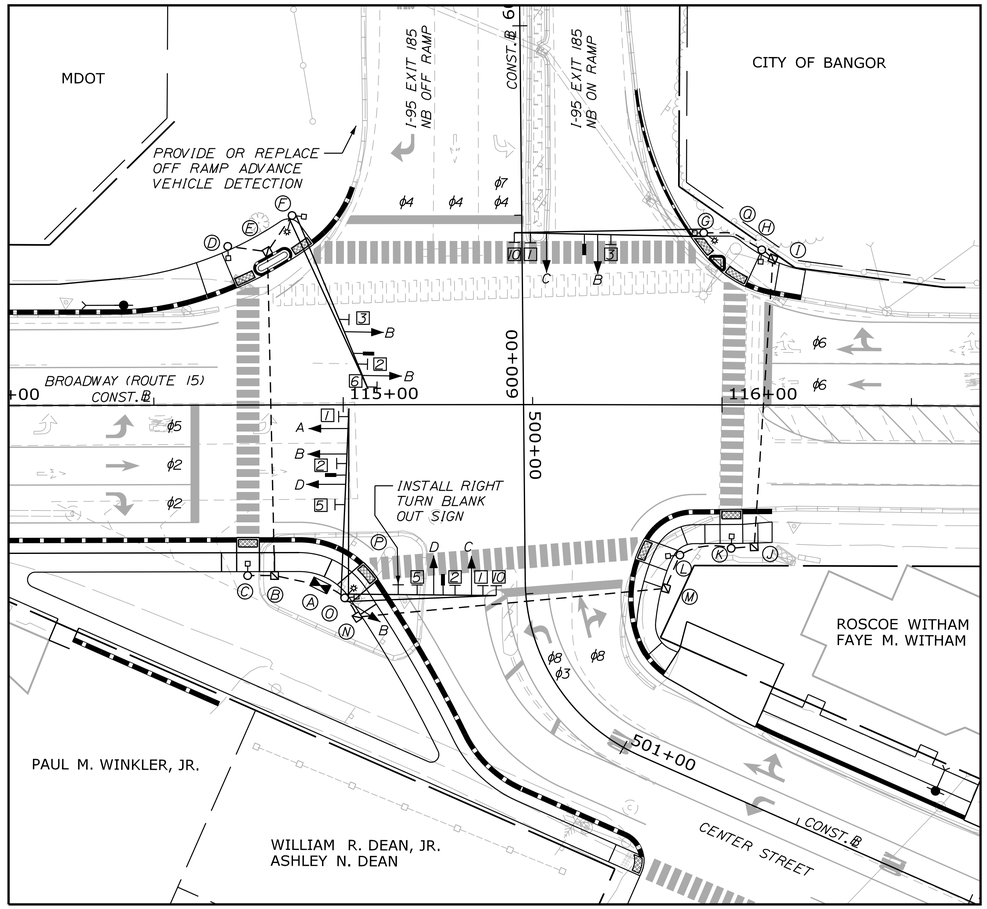
DATE

BANGOR
BROADWAY (ROUTE 15)

SIGNAL PLANS

SHEET NUMBER
12
OF 40

Filename: ...\Highway\012_Signal Plan 01.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019



LAYOUT SCALE

20 0 20 40

Scale of Feet

PEDESTRIAN SIGNAL HEADS
16"x18" LED WITH COUNT DOWN TIMER
(8 PROPOSED)

TIMING NOTES:
* BROADWAY COORDINATION PLANS
  6:30 AM - 10:30 AM
  10:30 AM - 11:00 PM
* FLASH OPERATION 11:00 PM - 6:30 AM WITH BROADWAY FLASHING YELLOW AND SIDE STREETS FLASHING RED.

LEGEND

EXISTING		PROPOSED
	SIGNAL NOTE	ⓧ
	SIGNAL HEAD	
	VIDEO DETECTOR	
	SIGNAL CONDUIT (3" PVC, SCH 80, UNLESS OTHERWISE NOTED)	
	CONTROLLER CABINET	
	PEDESTRIAN SIGNAL HEAD	
	SIGNAL POLE	
	MAST ARM WITH DUAL PURPOSE POLE AND SIGNAL STANDARD	
	MAST ARM WITH SIGNAL STANDARD	
	MOUNTED SIGN	
	JUNCTION BOX	

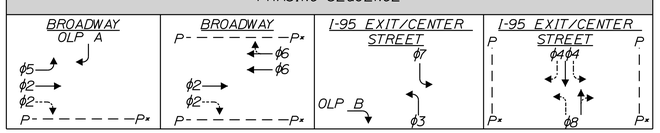
EQUIPMENT SCHEDULE

DESIGNATION	ITEM	DESCRIPTION	LOCATION *
A	CONTROLLER CABINET WITH FOUNDATION	GROUND MOUNTED WITH BASE EXTENSION, CONCRETE FOUNDATION AND NEW CONTROLLER. USE SAME POWER SOURCE AS EXISTING CONTROLLER.	STA. 114+93.86, 47.69' RT
B,E,I,J,M,N	PROPOSED JUNCTION BOX	PRECAST CONCRETE.	LOCATION ON PLANS ARE APPROXIMATE
C	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN AND CONCRETE FOUNDATION.	STA. 114+74.66, 45.04' RT
D	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN AND CONCRETE FOUNDATION.	STA. 114+69.61, 41.89' LT
F	DUAL PURPOSE POLE WITH 50' MAST ARM	SIGNAL HEADS, OVERHEAD SIGNS, VEHICLE DETECTION, PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, OVERHEAD ILLUMINATION AND CONCRETE FOUNDATION.	STA. 114+86.60, 50.00' LT
G	DUAL PURPOSE POLE WITH 50' MAST ARM	SIGNAL HEADS, OVERHEAD SIGNS, VEHICLE DETECTION, PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, OVERHEAD ILLUMINATION AND CONCRETE FOUNDATION.	STA. 115+95.05, 45.40' LT
H	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN AND CONCRETE FOUNDATION.	STA. 116+10.36, 40.97' LT
K	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN AND CONCRETE FOUNDATION.	STA. 116+02.55, 37.85' RT
L	PROPOSED PEDESTAL POLE	PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN AND CONCRETE FOUNDATION.	STA. 500+40.12, 40.90' LT
O	DUAL PURPOSE POLE WITH 40' AND 50' MAST ARMS	SIGNAL HEADS, OVERHEAD SIGNS, VEHICLE DETECTION, PEDESTRIAN HEAD, PUSH BUTTON, PEDESTRIAN SIGN, OVERHEAD ILLUMINATION AND CONCRETE FOUNDATION.	STA. 500+48.64, 47.79' LT
P	EXISTING MAST ARM POLE	REMOVE EXISTING MAST ARM POLE AND FOUNDATION	STA. 115+12.25, 39.10' RT
Q	EXISTING MAST ARM POLE	REMOVE EXISTING MAST ARM POLE AND FOUNDATION	STA. 116+03.51, 41.25' LT

* EQUIPMENT TO BE ADJUSTED BY RESIDENT, MAINEDOT, OR CITY AS DIRECTED

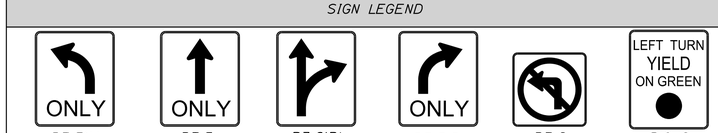
* STATION AND OFFSET INFORMATION IS APPROXIMATE

PHASING SEQUENCE



* WALK= 5 SECONDS PED CLEARANCE = 22 SECONDS
* WALK= 5 SECONDS PED CLEARANCE = 30 SECONDS
* WALK= 5 SECONDS PED CLEARANCE = 20 SECONDS

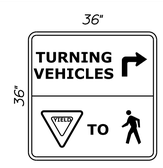
SIGN LEGEND



R3-5(L) 30"x36"	R3-5a 30"x36"	R3-6(R) 30"x36"	R3-5(R) 30"x36"	R3-2 36" x 36"	R10-12 30"x36"
1	2	3	5	6	10
(3 PROPOSED)	(3 PROPOSED)	(2 PROPOSED)	(2 PROPOSED)	(1 PROPOSED)	(2 PROPOSED)

LANE USE SIGNS SHALL BE CENTERED AS CLOSE AS PRACTICAL TO ASSOCIATED LANE.

RIGHT TURN BLANKOUT SIGN

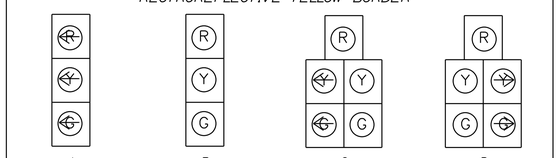


36"x36"
(1 PROPOSED)

1. SIGN SHALL BE LIT WHEN PEDESTRIAN CROSSING BUTTON ACTUATED AND PHASE 4 HAS GREEN BALL.

PROPOSED SIGNAL HEADS

ALL LENSES 12" LED WITH 5" LOUVERED BACK PLATE AND RECTROREFLECTIVE YELLOW BORDER



A	B	C	D
(1 PROPOSED)	(5 PROPOSED)	(2 PROPOSED)	(2 PROPOSED)

SIGNAL HEADS TO BE ALIGNED PER MUTCD STANDARDS

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73 HARLOW STREET,
BANGOR, MAINE 04401

WIN 21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	RED	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

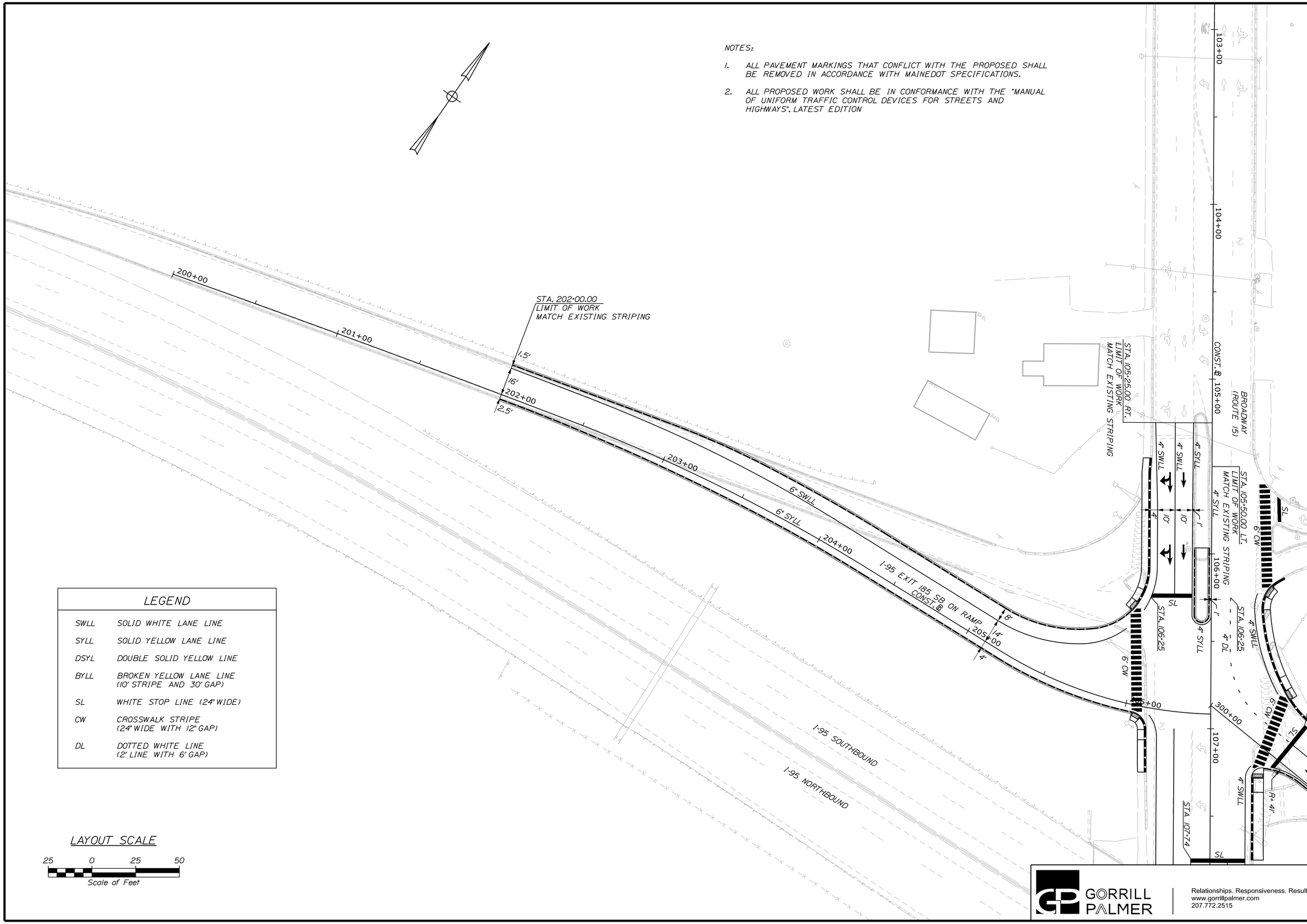
SIGNAL PLANS

SHEET NUMBER
13
OF 40

Filename: ...\Highway\013_SignalPlan 02.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/29/2019

NOTES:

1. ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED SHALL BE REMOVED IN ACCORDANCE WITH MAINEDOT SPECIFICATIONS.
2. ALL PROPOSED WORK SHALL BE IN CONFORMANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". LATEST EDITION



LEGEND

SWLL	SOLID WHITE LANE LINE
SYLL	SOLID YELLOW LANE LINE
DSYL	DOUBLE SOLID YELLOW LINE
BYLL	BROKEN YELLOW LANE LINE (10' STRIPE AND 30' GAP)
SL	WHITE STOP LINE (24" WIDE)
CW	CROSSWALK STRIPE (24" WIDE WITH 12" GAP)
DL	DOTTED WHITE LINE (2' LINE WITH 6' GAP)

LAYOUT SCALE

25 0 25 50

Scale of Feet

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CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\\19
CHECKED-REVIEWED	DGE	-	05\\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

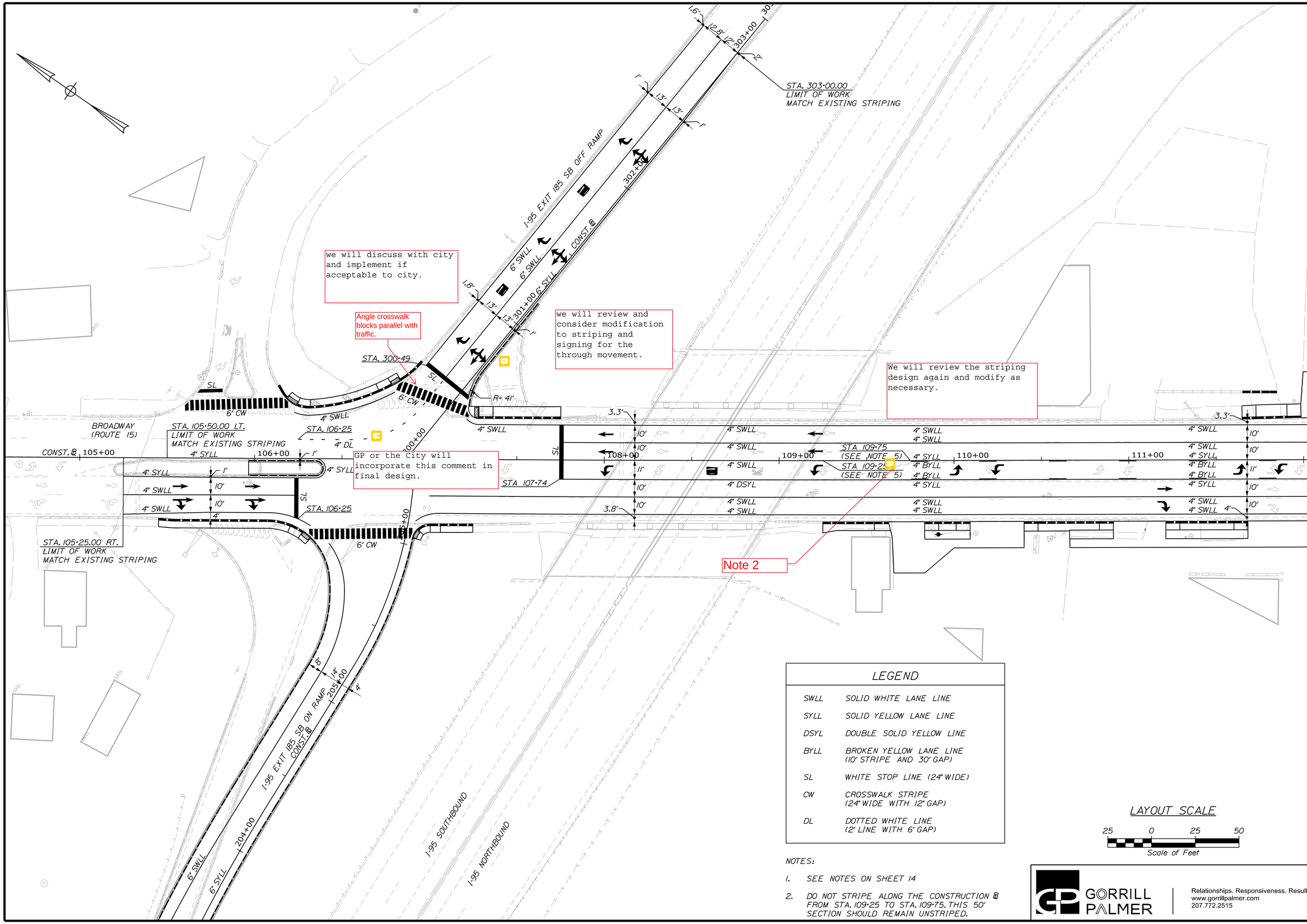
STRIPING PLANS

SHEET NUMBER

14

OF 40

Filename: ...\Highway\014_StripingPlan1.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019



LEGEND

SWLL	SOLID WHITE LANE LINE
SYLL	SOLID YELLOW LANE LINE
DSYL	DOUBLE SOLID YELLOW LINE
BYLL	BROKEN YELLOW LANE LINE (10' STRIPE AND 30' GAP)
SL	WHITE STOP LINE (24" WIDE)
CW	CROSSWALK STRIPE (24" WIDE WITH 12" GAP)
DL	DOTTED WHITE LINE (2' LINE WITH 6' GAP)

NOTES:

1. SEE NOTES ON SHEET 14
2. DO NOT STRIPE ALONG THE CONSTRUCTION ℄ FROM STA. 109+25 TO STA. 109+75. THIS 50' SECTION SHOULD REMAIN UNSTRIPED.

LAYOUT SCALE

25 0 25 50

Scale of Feet

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CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN 21663.00

	BY	DATE
PROJ. MANAGER	D. LORING	
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

STRIPING PLANS

SHEET NUMBER

15

OF 40

Filename: ...\Highway\015_StripingPlan2.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019

Filename: ...\Highway\016_StripingPlan3.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019

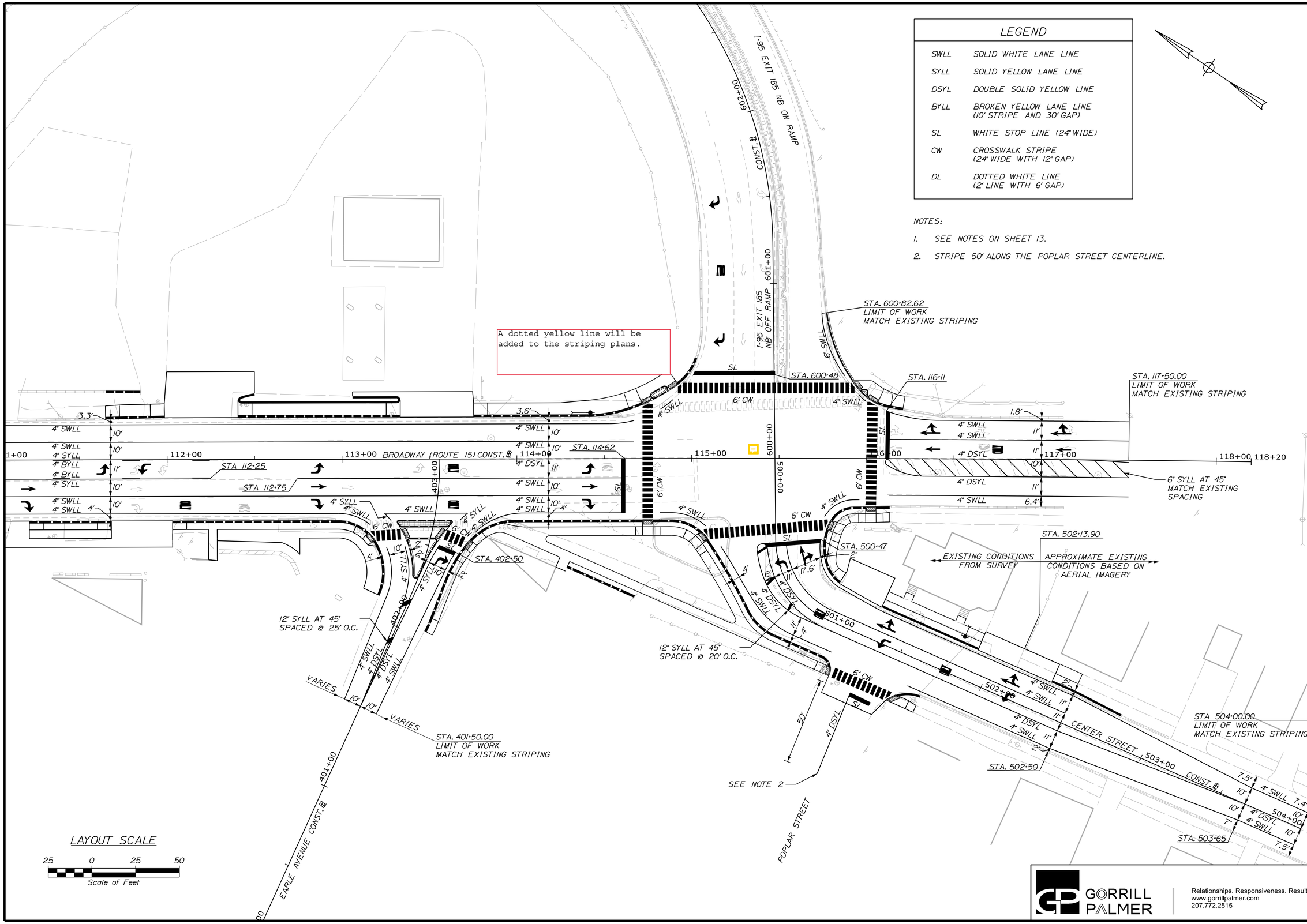
LEGEND

SWLL	SOLID WHITE LANE LINE
SYLL	SOLID YELLOW LANE LINE
DSYL	DOUBLE SOLID YELLOW LINE
BYLL	BROKEN YELLOW LANE LINE (10' STRIPE AND 30' GAP)
SL	WHITE STOP LINE (24" WIDE)
CW	CROSSWALK STRIPE (24" WIDE WITH 12" GAP)
DL	DOTTED WHITE LINE (2' LINE WITH 6' GAP)

NOTES:

1. SEE NOTES ON SHEET 13.
2. STRIPE 50' ALONG THE POPLAR STREET CENTERLINE.

A dotted yellow line will be added to the striping plans.



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BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

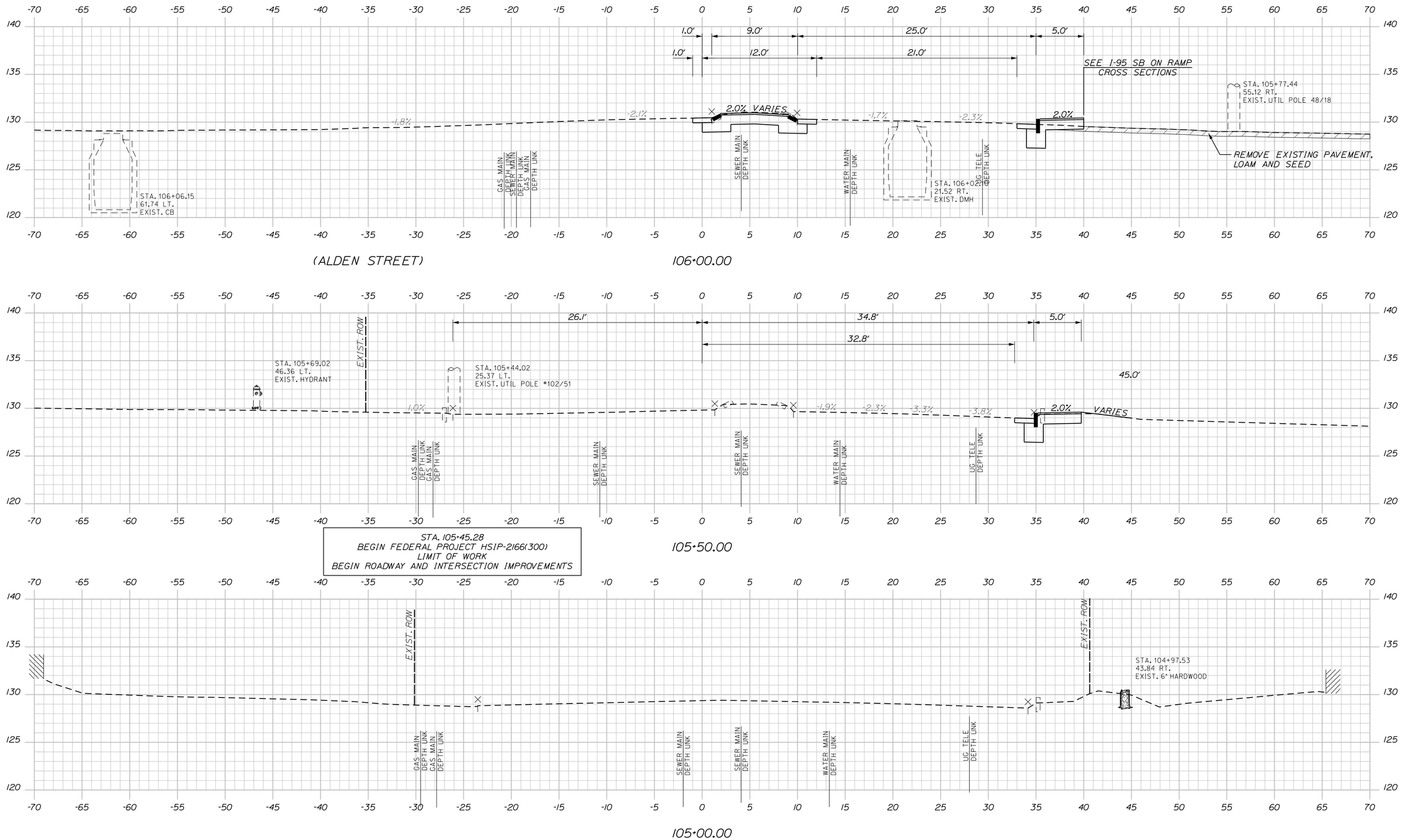
BANGOR
BROADWAY (ROUTE 15)

STRIPING PLANS

SHEET NUMBER

16

OF 40



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DCE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)
BROADWAY (ROUTE 15)
CROSS SECTIONS

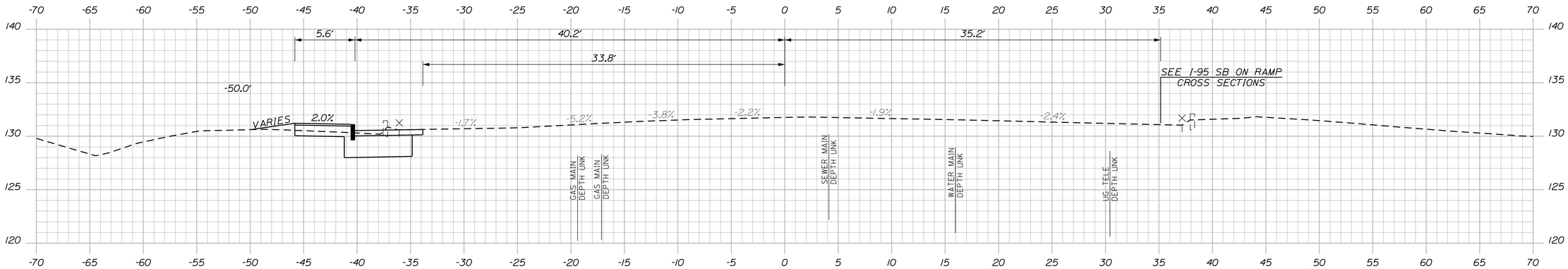
SHEET NUMBER
17
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

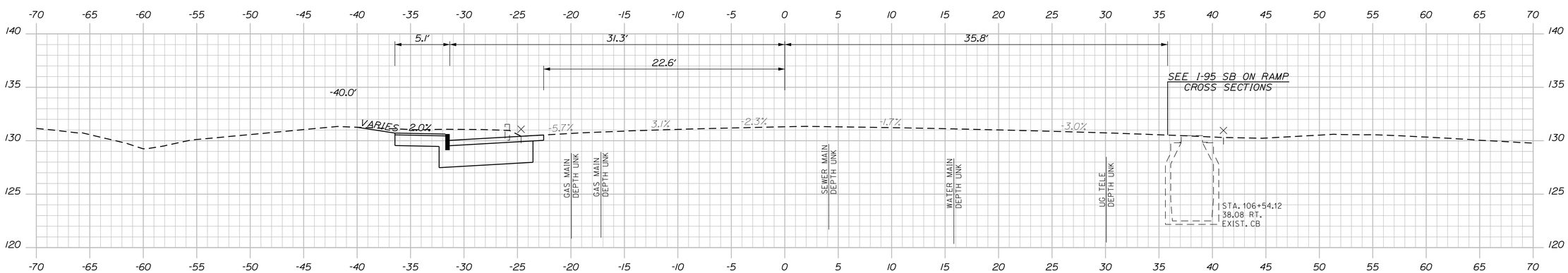
Sta. 105+00.00 to Sta. 106+00.00

STA 106+91.63 BROADWAY (ROUTE 15) CONSTRUCTION ℄ =
STA 206+48.87 I-95 EXIT 185 SB ON RAMP CONSTRUCTION ℄

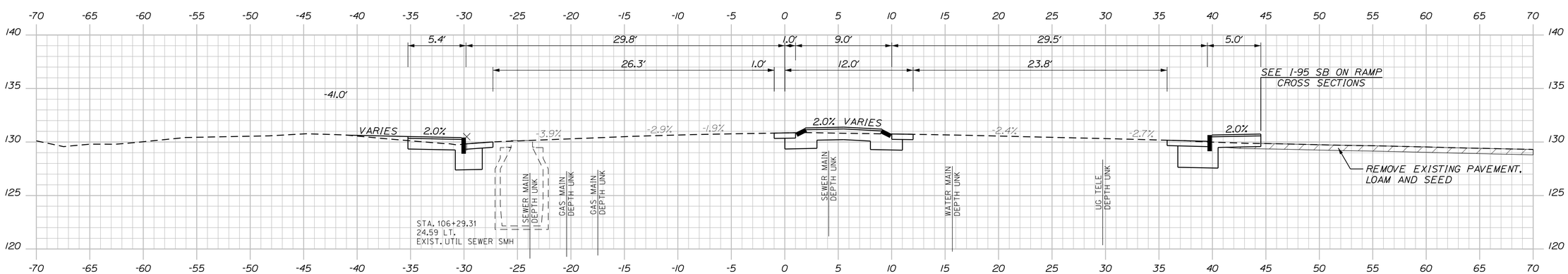
STA 106+85.65 BROADWAY (ROUTE 15) CONSTRUCTION ℄ =
STA 300+00.00 I-95 EXIT 185 SB OFF RAMP CONSTRUCTION ℄



106+75.00



106+50.00



106+25.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

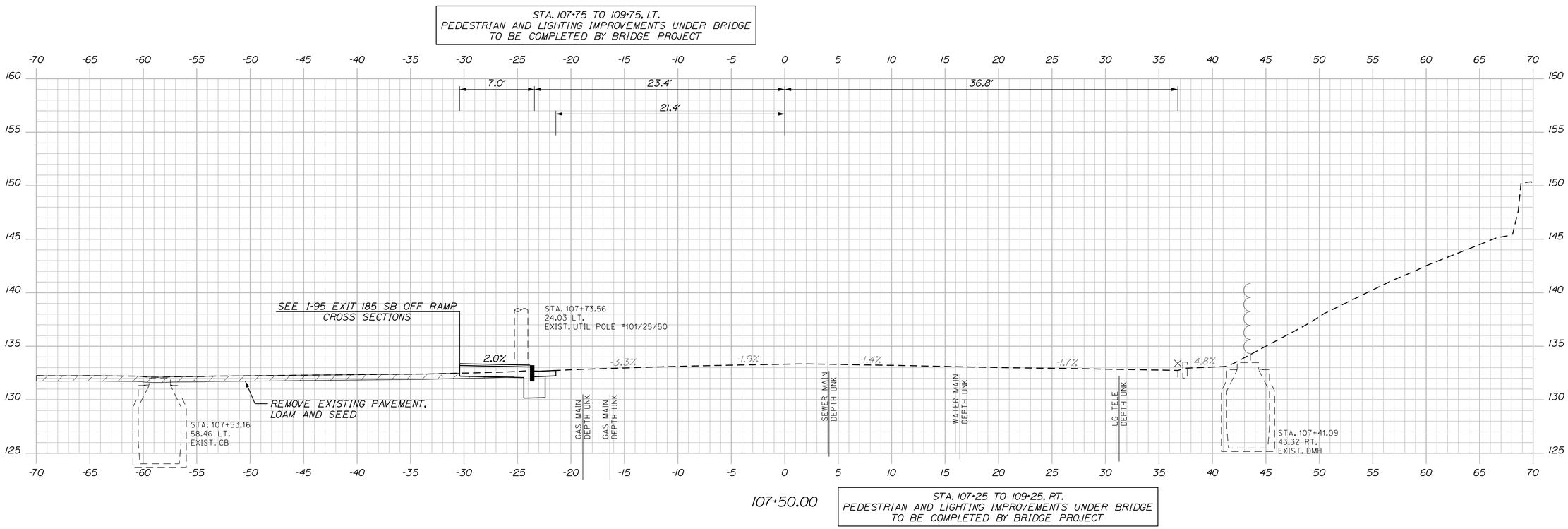
DATE

BANGOR
BROADWAY (ROUTE 15)
BROADWAY (ROUTE 15)
CROSS SECTIONS

SHEET NUMBER
18
OF 40

Sta. 106+25.00 to Sta. 106+75.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

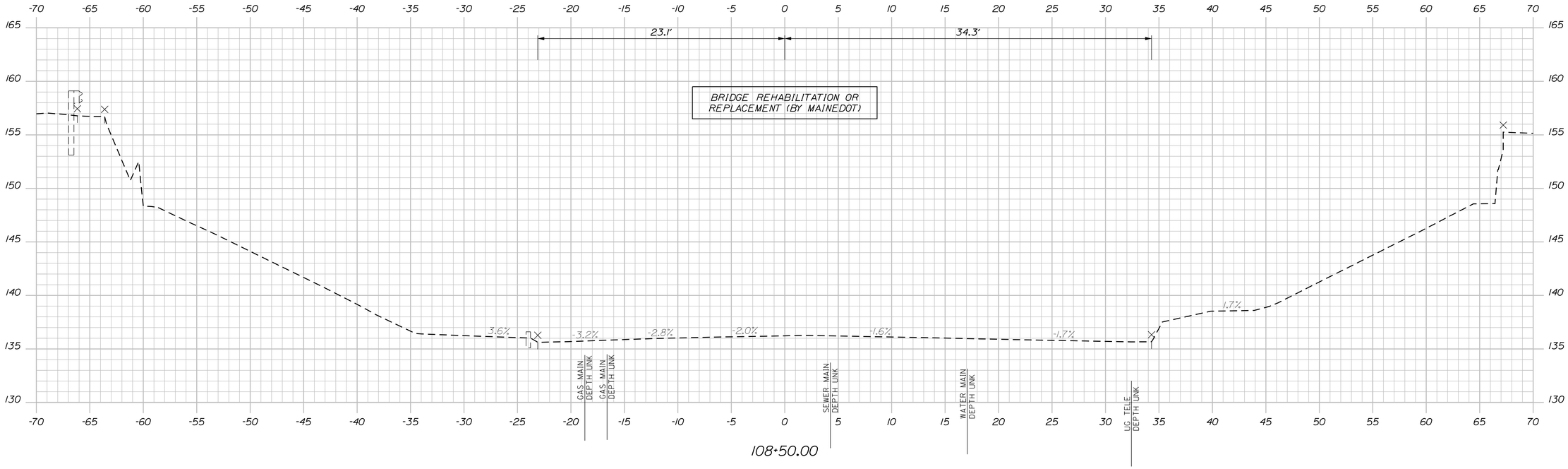
BANGOR
BROADWAY (ROUTE 15)

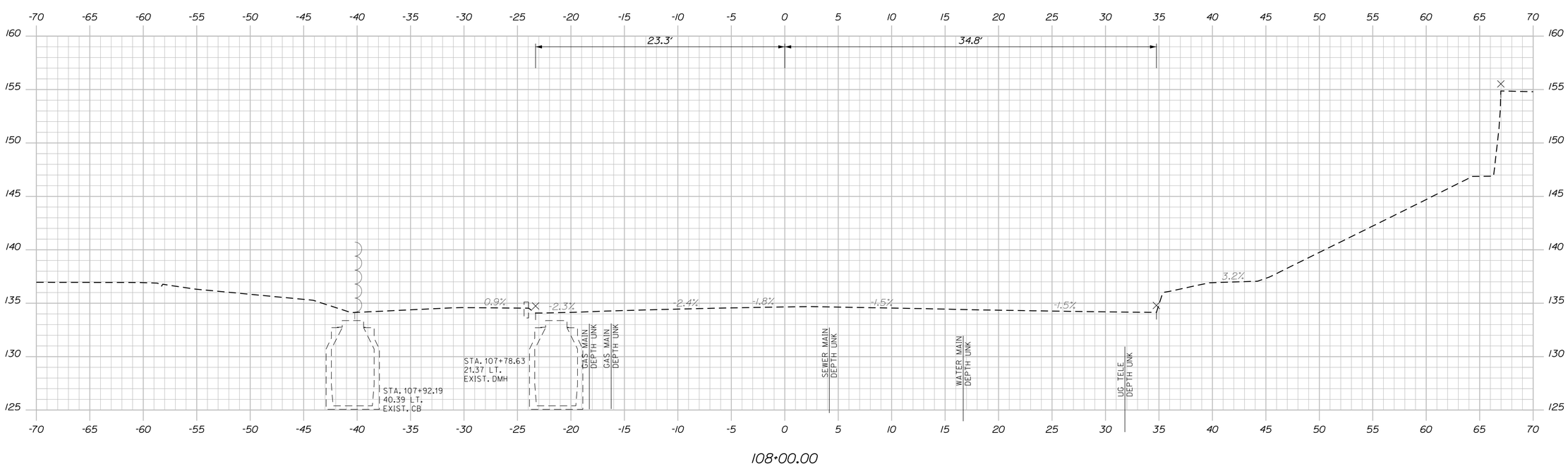
BROADWAY (ROUTE 15)
CROSS SECTIONS

SHEET NUMBER
19
OF 40

Sta. 107+00.00 to Sta. 107+50.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/28/2019





CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DCE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

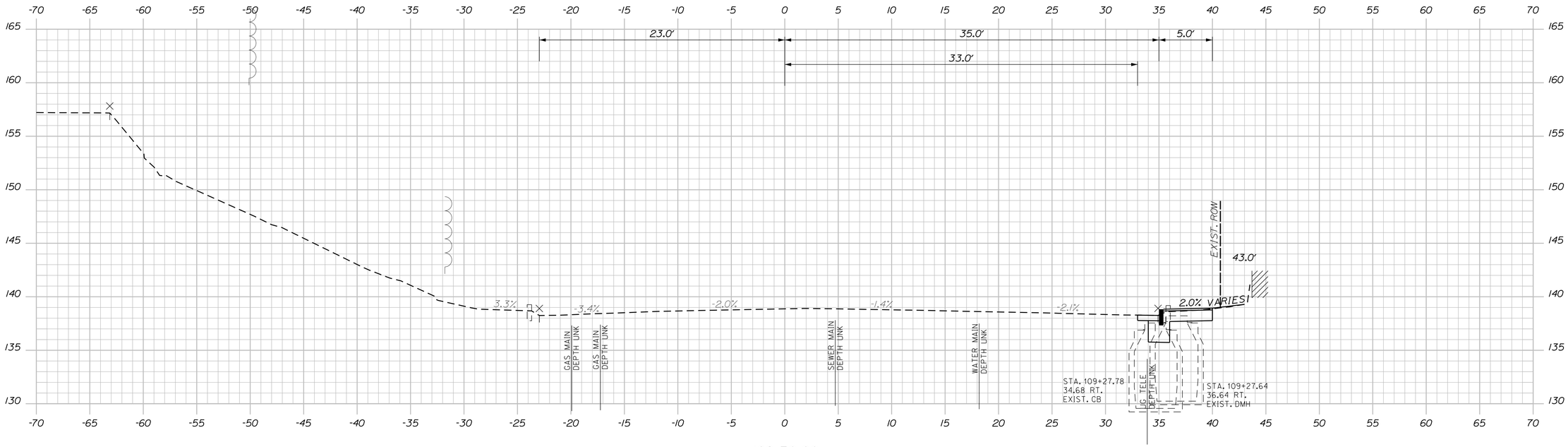
DATE

BANGOR
BROADWAY (ROUTE 15)
BROADWAY (ROUTE 15)
CROSS SECTIONS

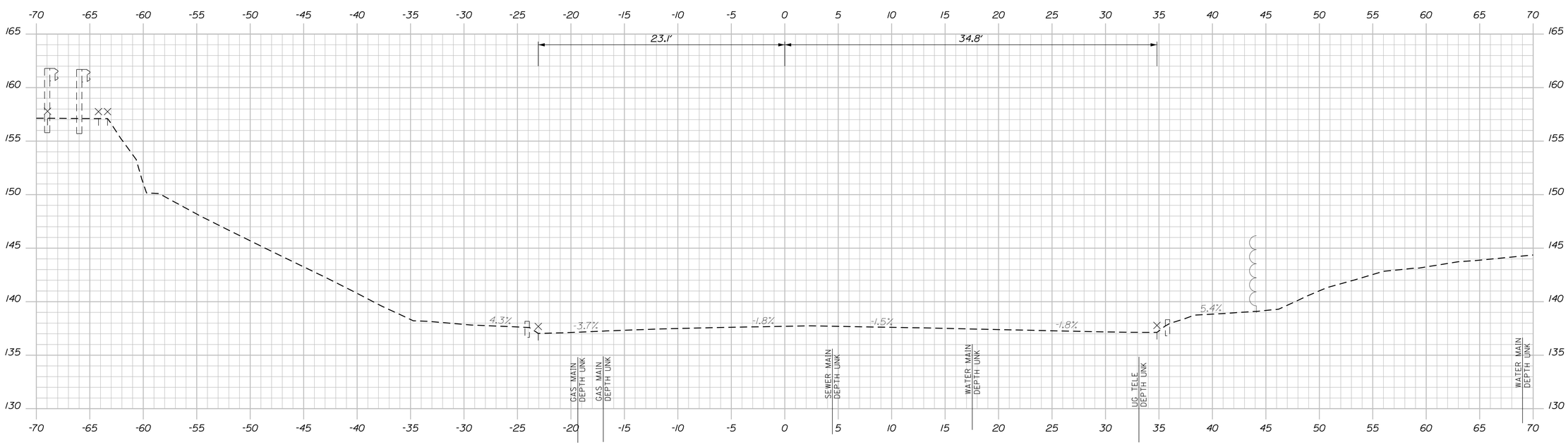
SHEET NUMBER
20
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

Sta. 108+00.00 to Sta. 108+50.00



109+50.00



109+00.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

		BY	DATE
PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

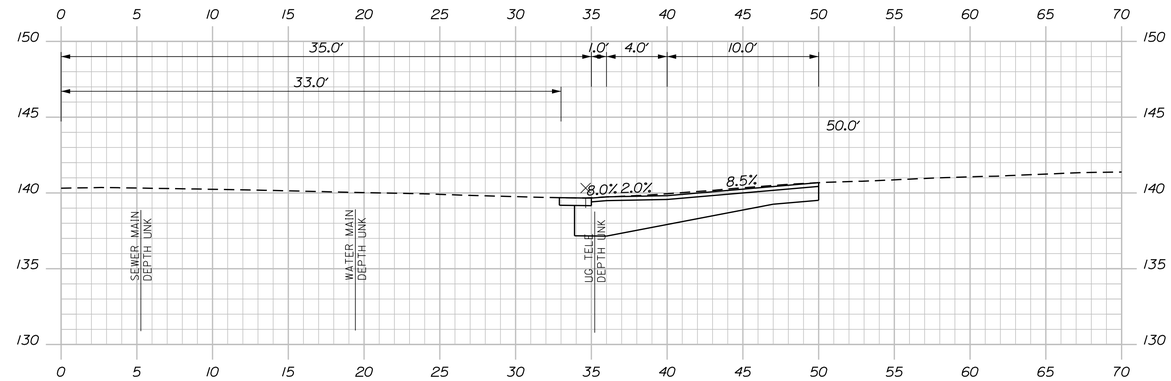
DATE

BANGOR
BROADWAY (ROUTE 15)

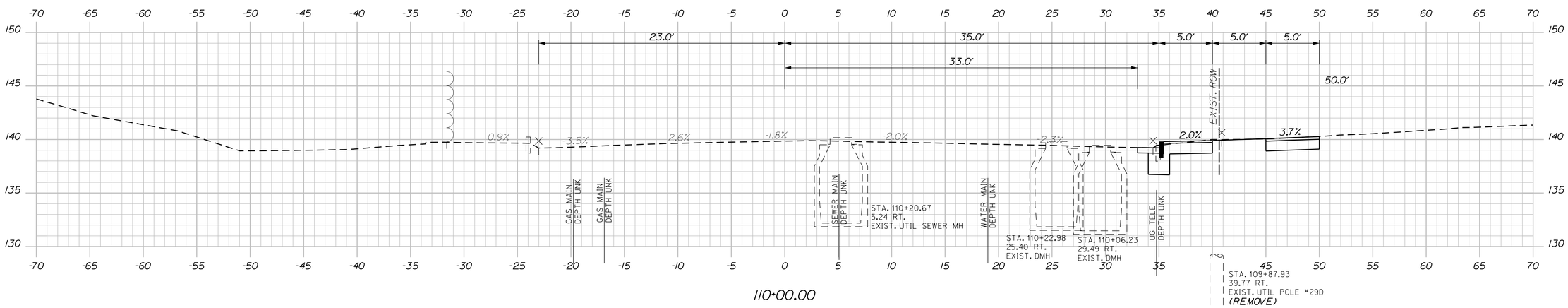
BROADWAY (ROUTE 15)
CROSS SECTIONS

SHEET NUMBER
21
OF 40

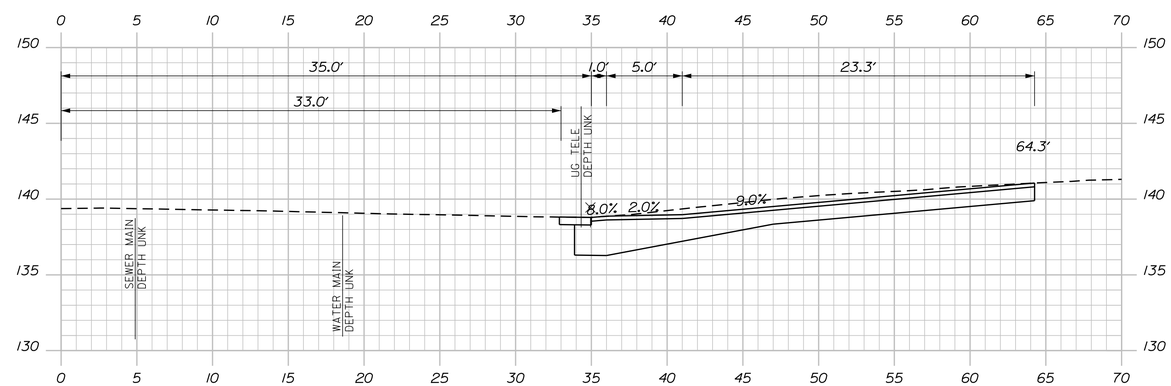
Sta. 109+00.00 to Sta. 109+50.00



110+25.00
(COMMERCIAL ENTRANCE)



110+00.00



109+75.00
(COMMERCIAL ENTRANCE)

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

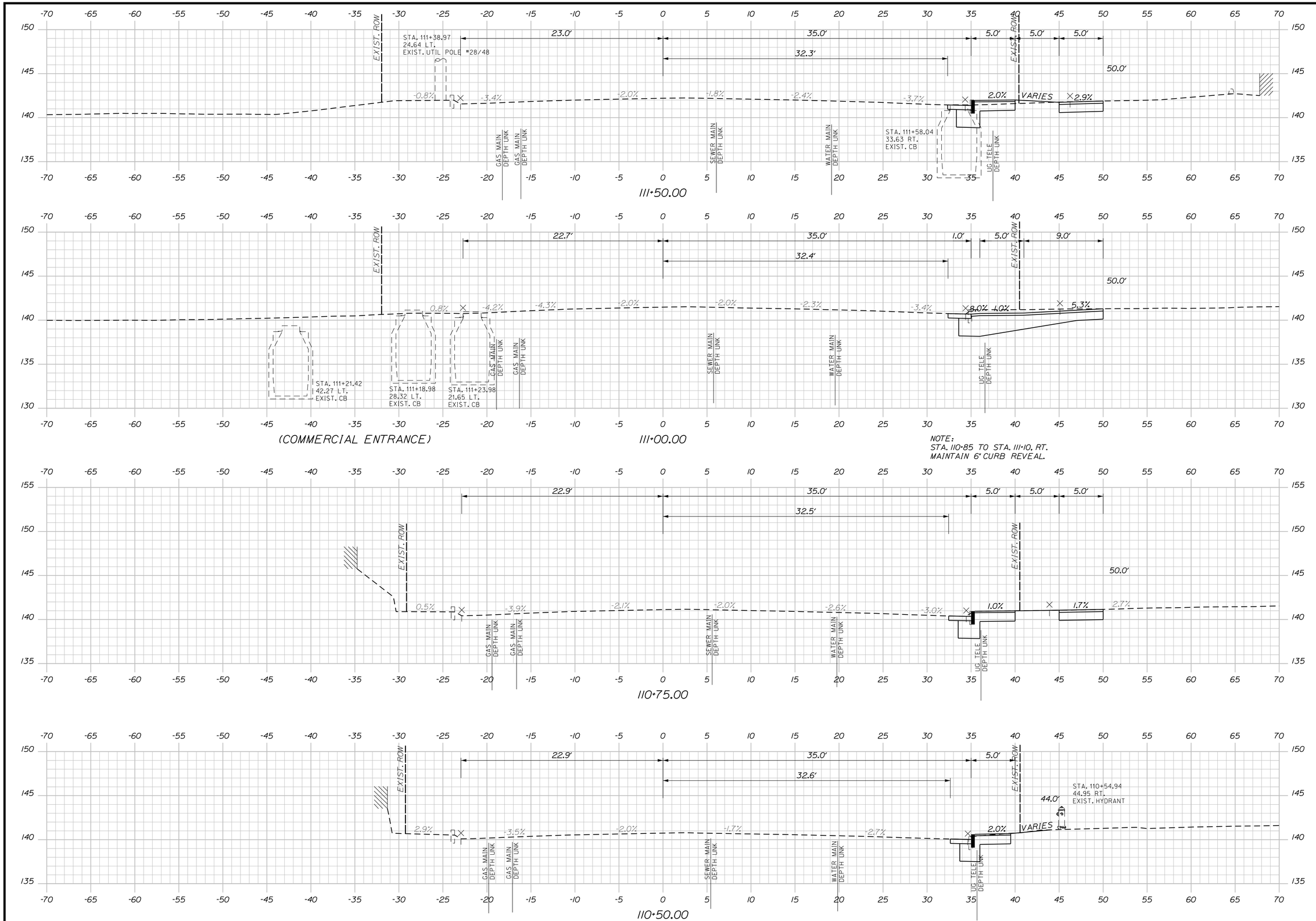
BANGOR
BROADWAY (ROUTE 15)

BROADWAY (ROUTE 15)
CROSS SECTIONS

SHEET NUMBER
22
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

Sta. 109+75.00 to Sta. 110+25.00



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

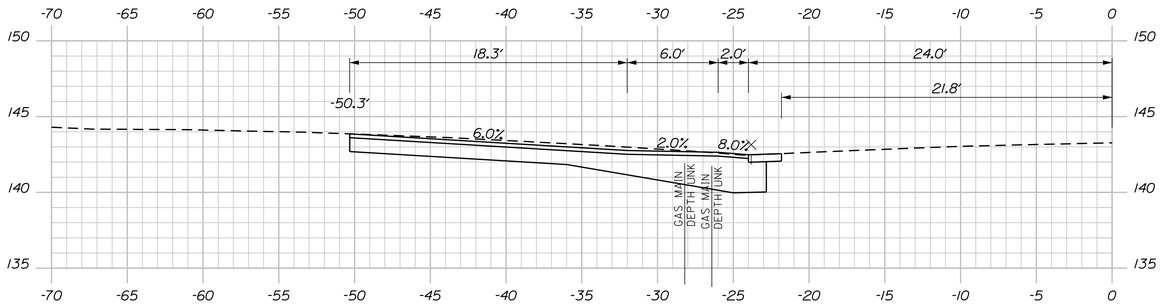
BANGOR
BROADWAY (ROUTE 15)

BROADWAY (ROUTE 15)
CROSS SECTIONS

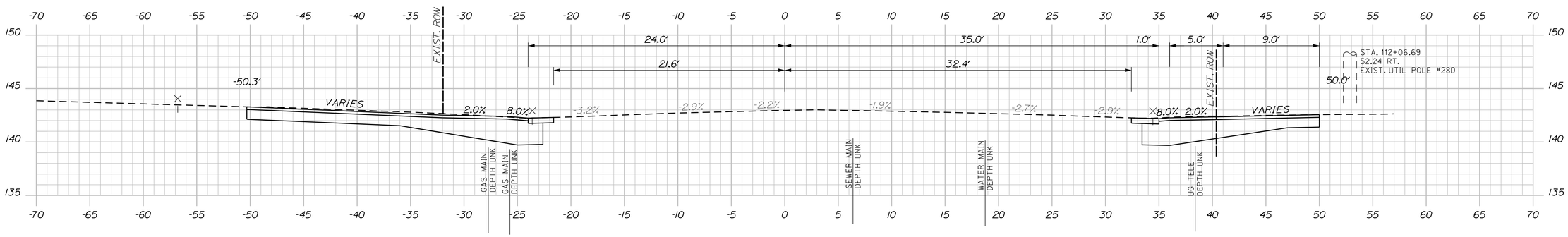
SHEET NUMBER
23
OF 40

Sta. 110+50.00 to Sta. 111+50.00

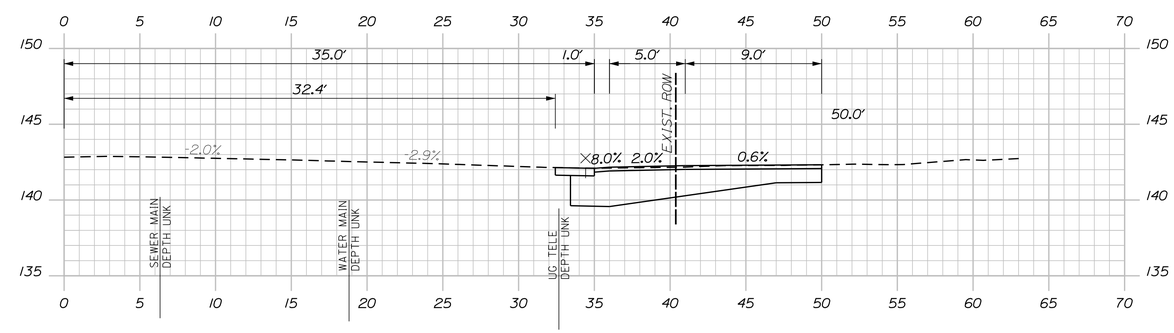
Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



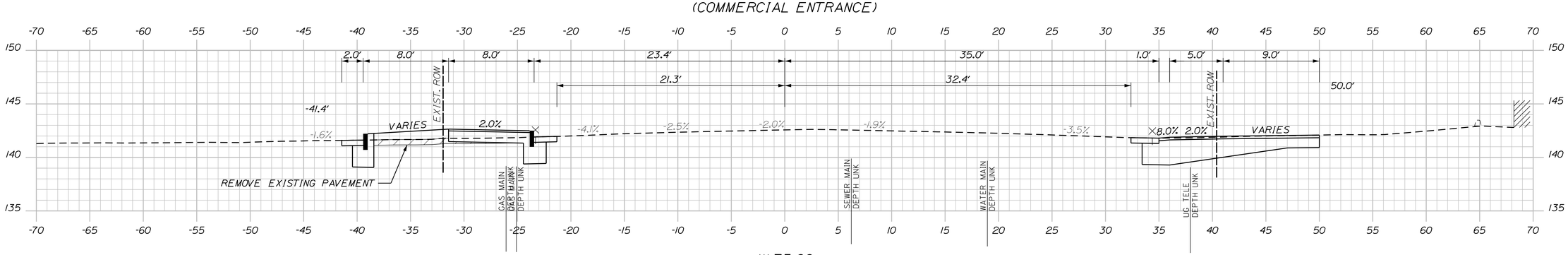
112+20.00
(COMMERCIAL ENTRANCE)



112+00.00



111+92.00
(COMMERCIAL ENTRANCE)



111+75.00

Sta. 111+75.00 to Sta. 112+20.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\\19
CHECKED-REVIEWED	DGE	-	05\\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

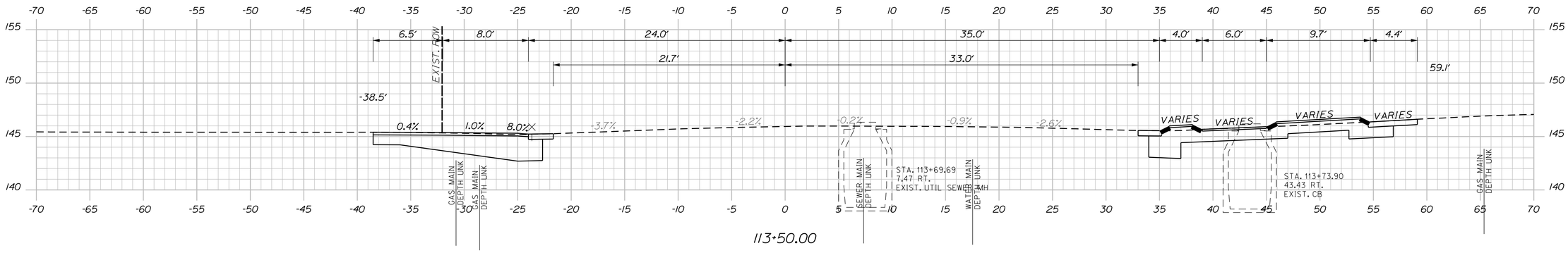
DATE

BANGOR
BROADWAY (ROUTE 15)
BROADWAY (ROUTE 15)
CROSS SECTIONS

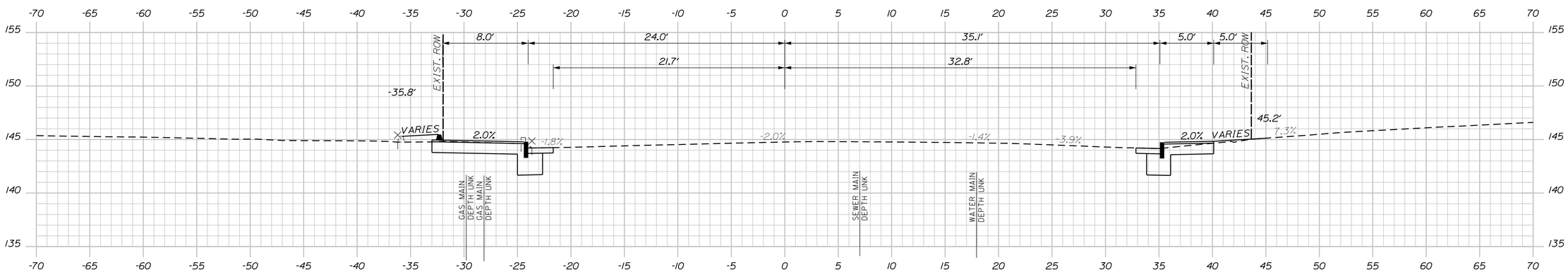
SHEET NUMBER
24
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

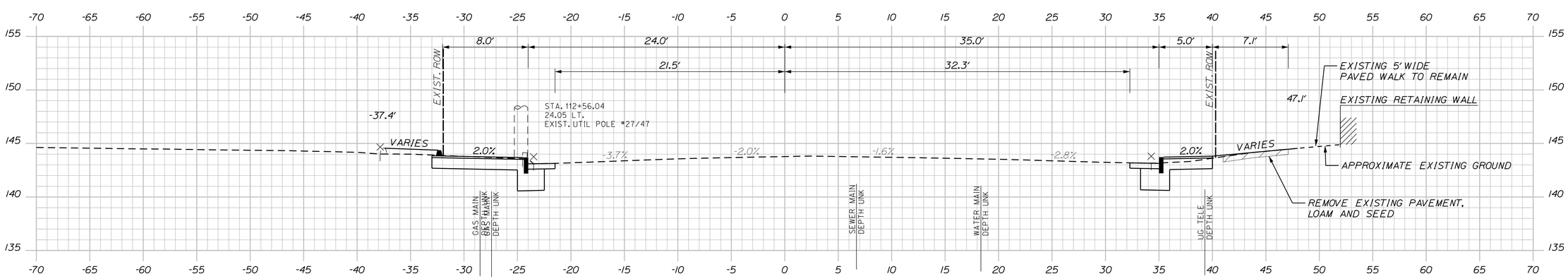
STA 113+55.90 BROADWAY (ROUTE 15) CONSTRUCTION ℄ =
STA 403+00.00 EARLE AVENUE CONSTRUCTION ℄



113+50.00



113+00.00



112+50.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

D. LORING

SIGNATURE

P.E. NUMBER

DATE

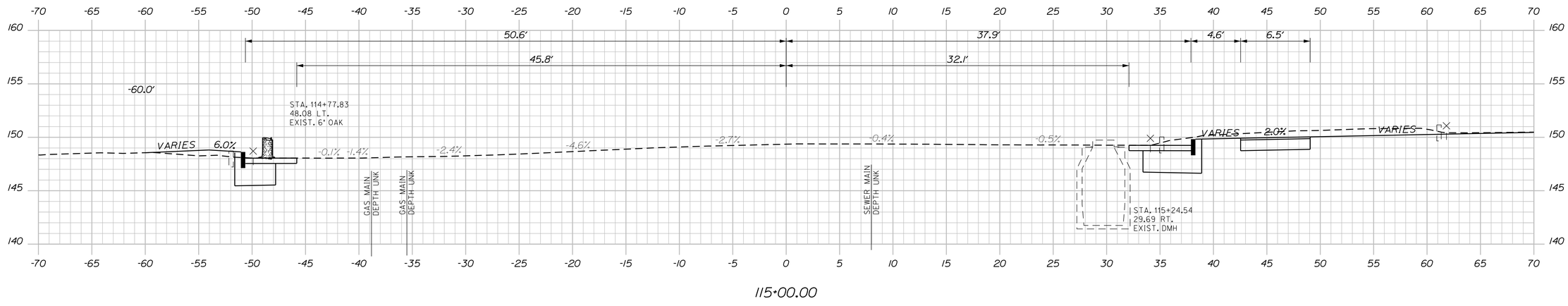
BANGOR
BROADWAY (ROUTE 15)
BROADWAY (ROUTE 15)
CROSS SECTIONS

SHEET NUMBER
25
OF 40

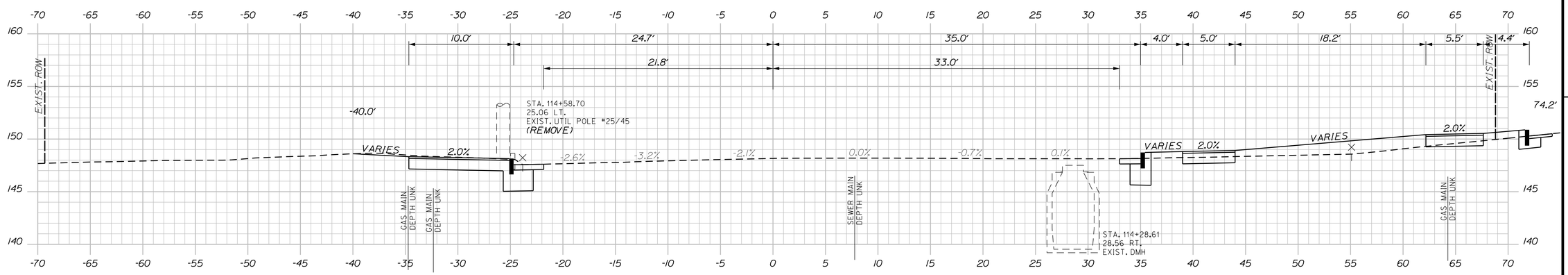
Sta. 112+50.00 to Sta. 113+50.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

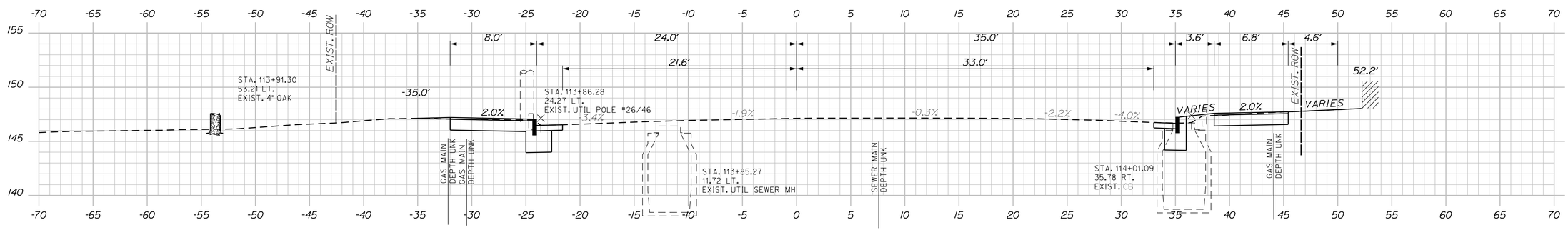
STA 115+47.60 BROADWAY (ROUTE 15) CONSTRUCTION ℄ =
STA 500+00.00 CENTER STREET CONSTRUCTION ℄ =
STA 600+00.00 I-95 EXIT 185 NB ON/OFF RAMP CONSTRUCTION ℄



115+00.00



114+50.00



114+00.00

Sta. 114+00.00 to Sta. 115+00.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

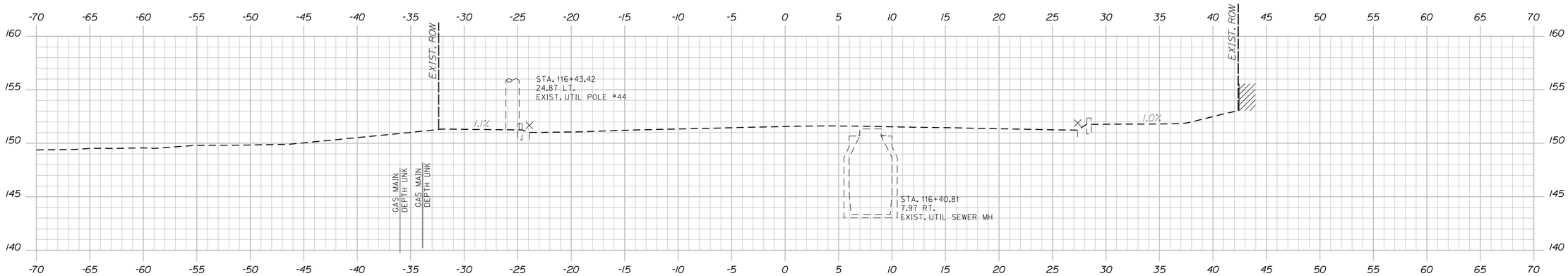
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

BANGOR
BROADWAY (ROUTE 15)
BROADWAY (ROUTE 15)
CROSS SECTIONS

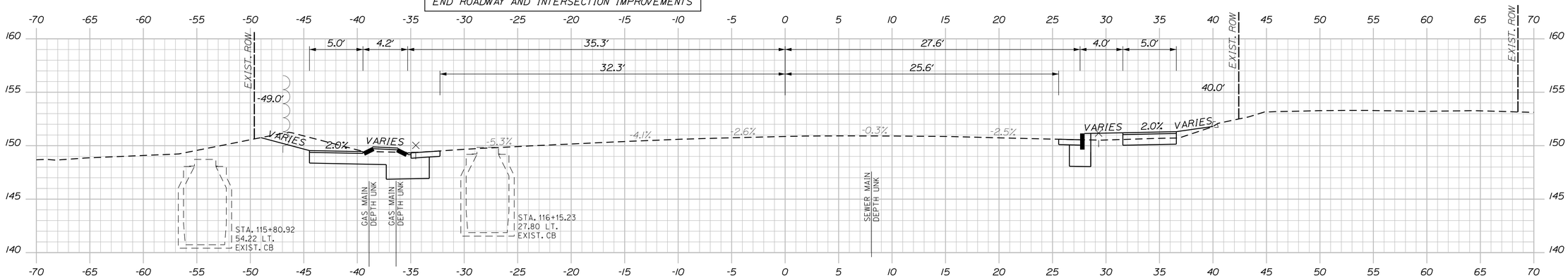
SHEET NUMBER
26
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

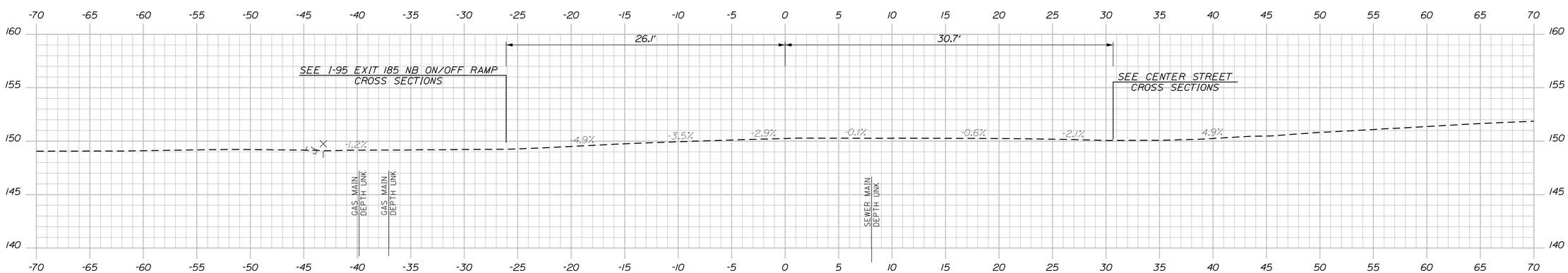


STA 116+21.89
END FEDERAL PROJECT HSIP-2166(300)
LIMIT OF WORK
END ROADWAY AND INTERSECTION IMPROVEMENTS

116+50.00



116+00.00



115+50.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

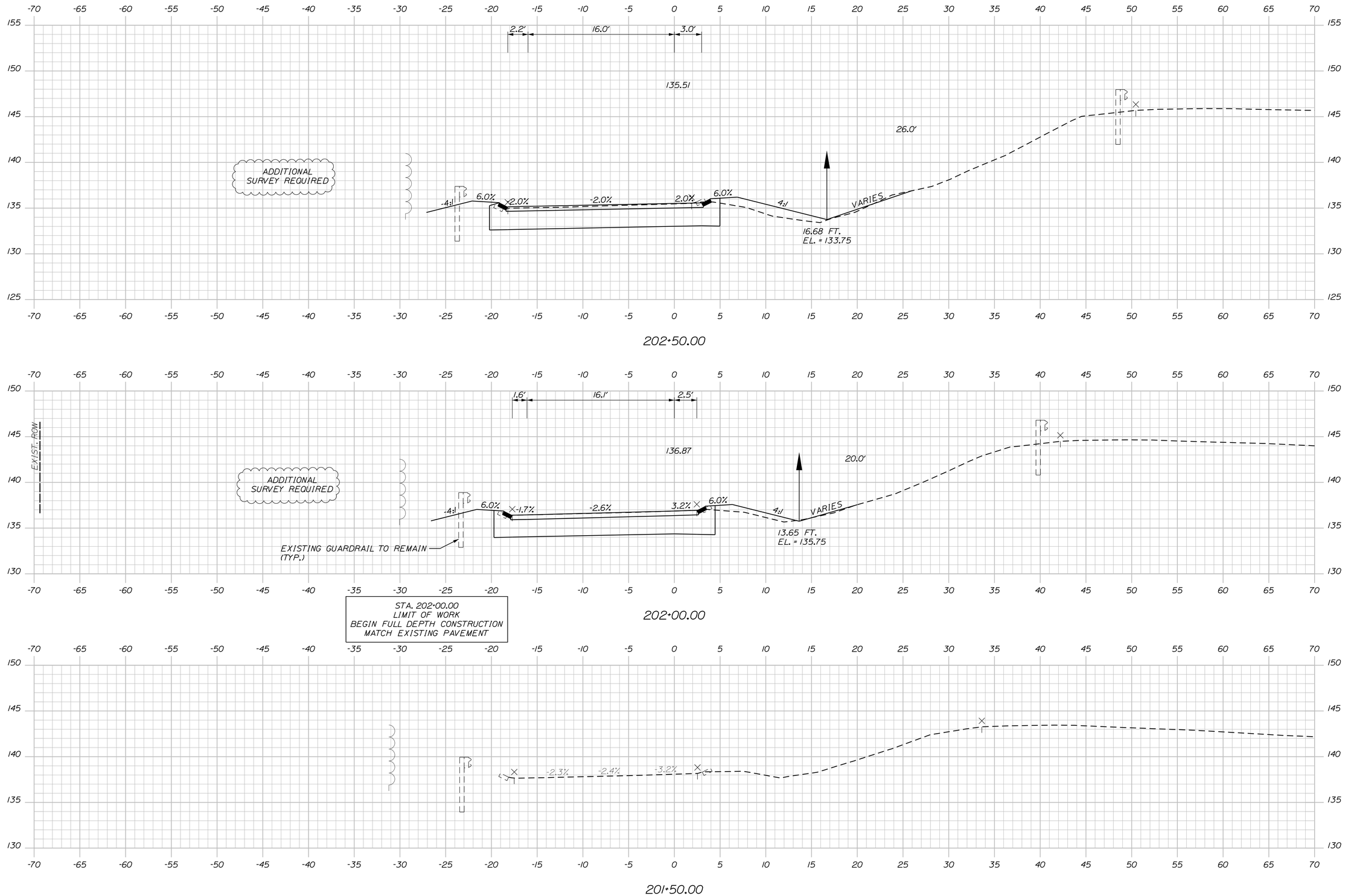
BANGOR
BROADWAY (ROUTE 15)

BROADWAY (ROUTE 15)
CROSS SECTIONS

SHEET NUMBER
27
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

Sta. 115+50.00 to Sta. 116+50.00



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. L. CORNING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

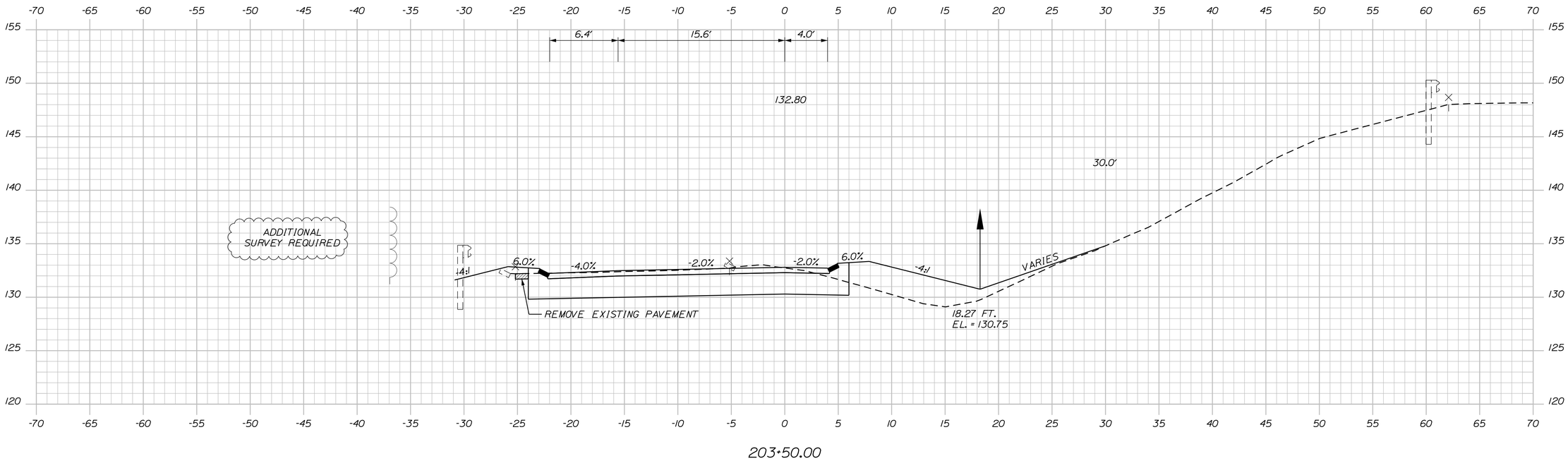
BANGOR
BROADWAY (ROUTE 15)

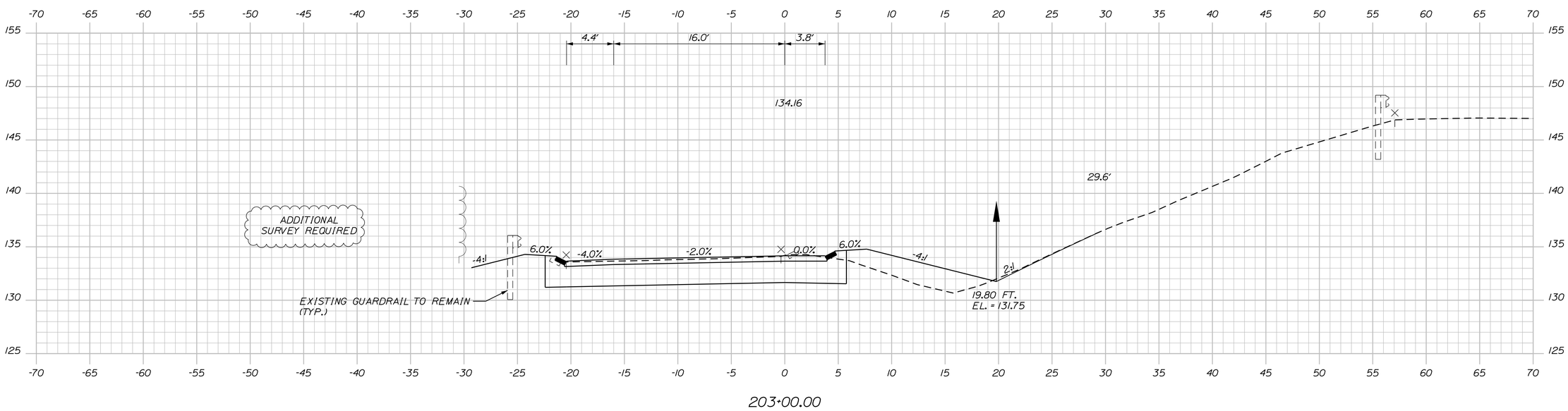
I-95 SB ON RAMP
CROSS SECTIONS

SHEET NUMBER
28
OF 40

Sta. 201+50.00 to Sta. 202+50.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019





CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

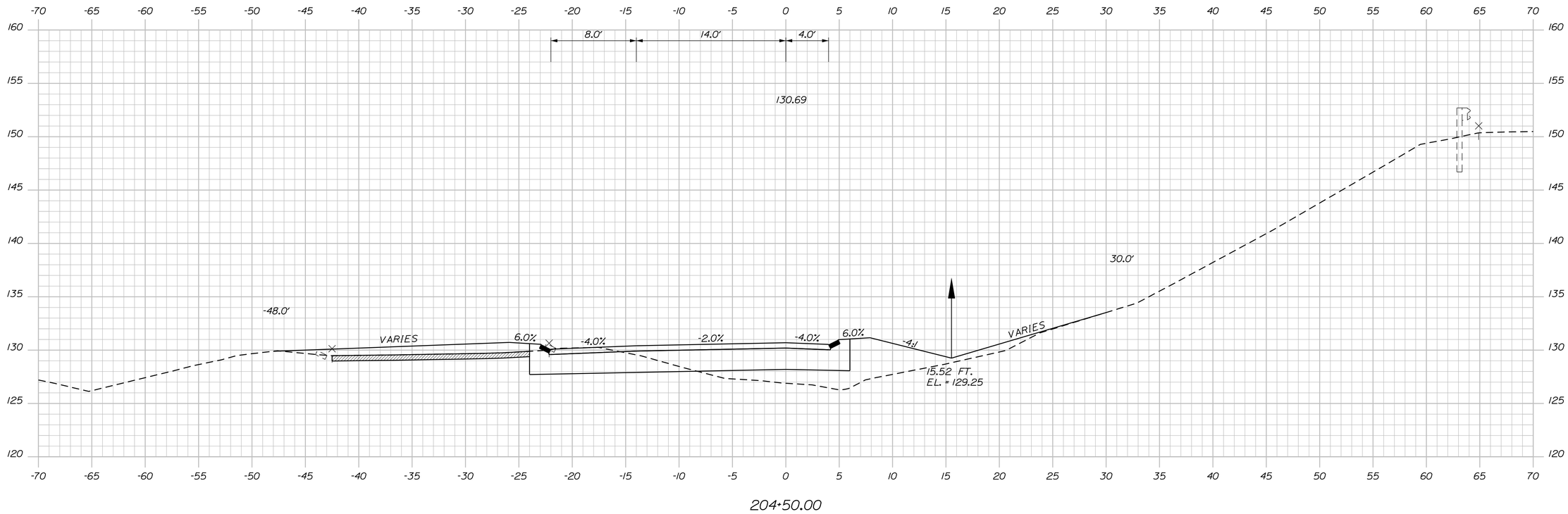
BANGOR
BROADWAY (ROUTE 15)

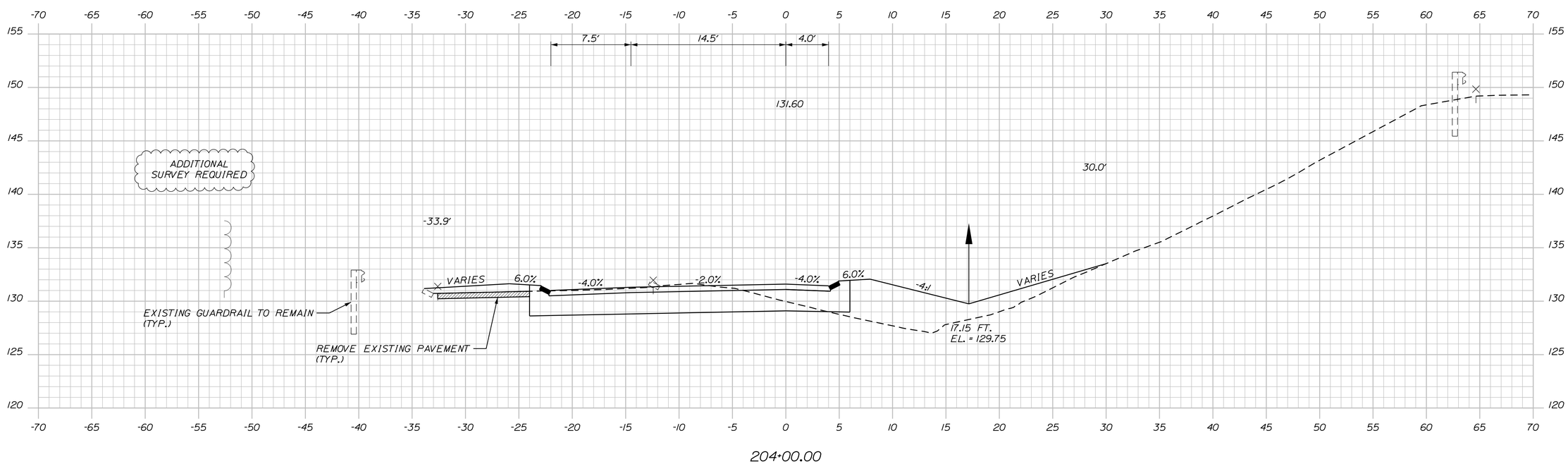
I-95 SB ON RAMP
CROSS SECTIONS

SHEET NUMBER
29
OF 40

Sta. 203+00.00 to Sta. 203+50.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019





CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. L. CORNING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

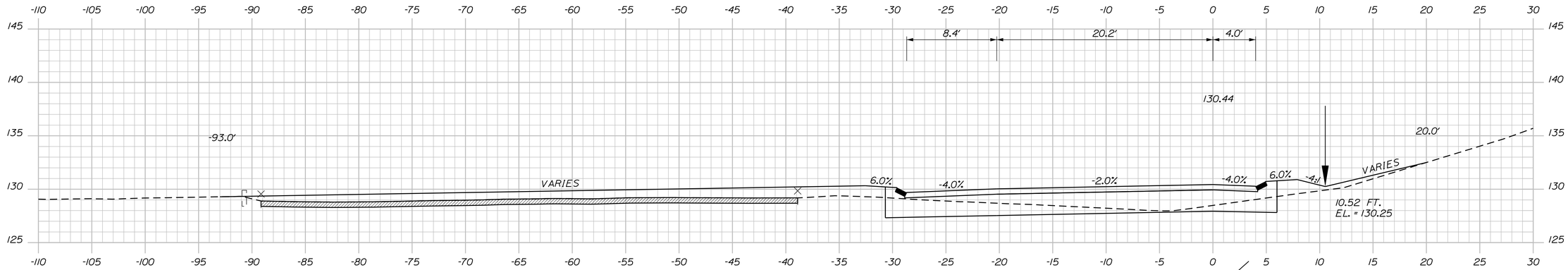
BANGOR
BROADWAY (ROUTE 15)

I-95 SB ON RAMP
CROSS SECTIONS

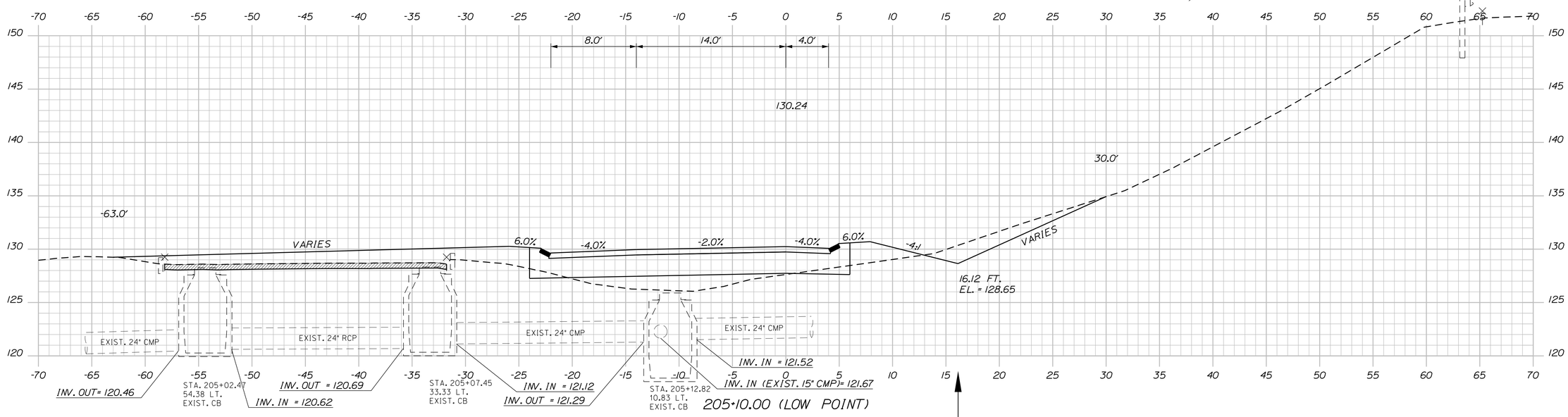
SHEET NUMBER
30
OF 40

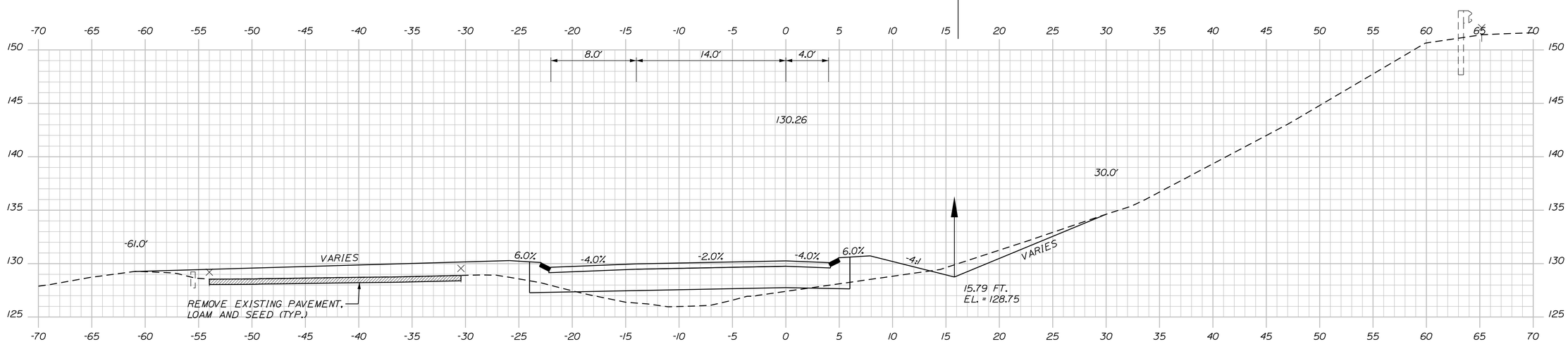
Sta. 204+00.00 to Sta. 204+50.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



205+50.00





205+00.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER		BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DCE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

BANGOR
BROADWAY (ROUTE 15)

I-95 SB ON RAMP
CROSS SECTIONS

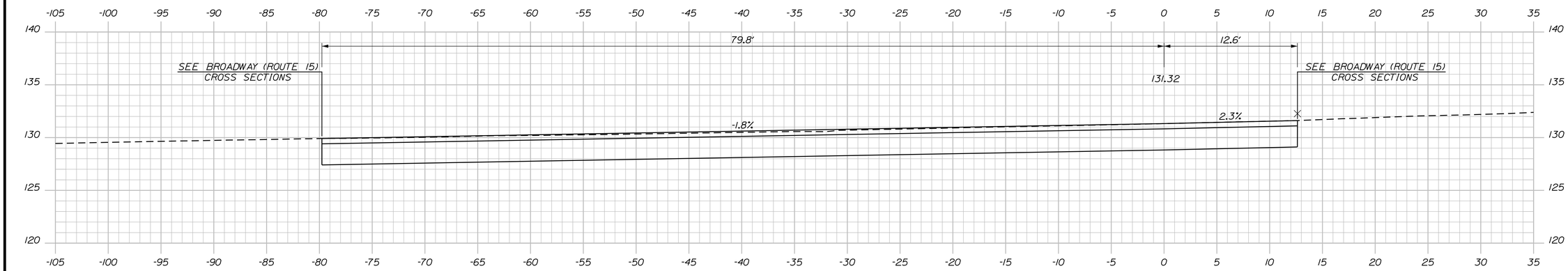
SHEET NUMBER
31
OF 40

Sta. 205+00.00 to Sta. 205+50.00

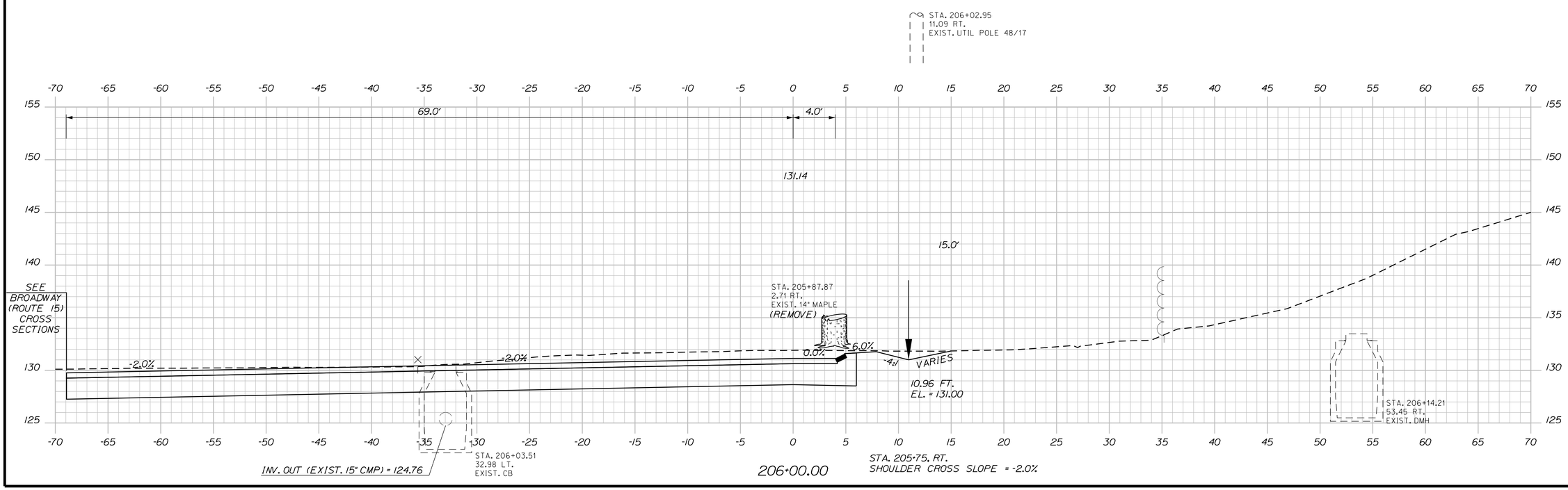
Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

STA. 106+91.63 BROADWAY (ROUTE 15) CONSTRUCTION ℄ =
STA. 206+48.87 I-95 EXIT 185 SB ON RAMP CONSTRUCTION ℄

STA. 206+15.77
END FULL DEPTH CONSTRUCTION
MATCH EXISTING PAVEMENT



206+12.03
(SKEWED, PROPOSED ROADSIDE GUTTER ALONG BROADWAY)



Sta. 206+00.00 to Sta. 206+12.03

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

		BY	DATE
PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

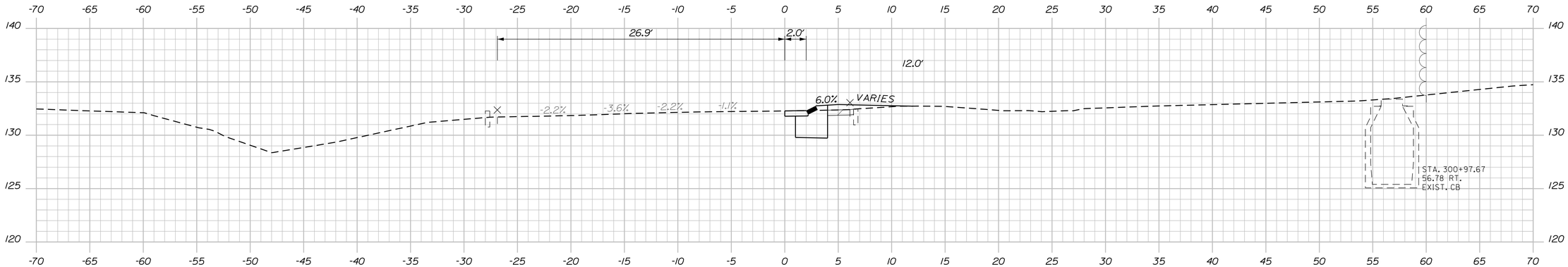
DATE

BANGOR
BROADWAY (ROUTE 15)
I-95 SB ON RAMP
CROSS SECTIONS

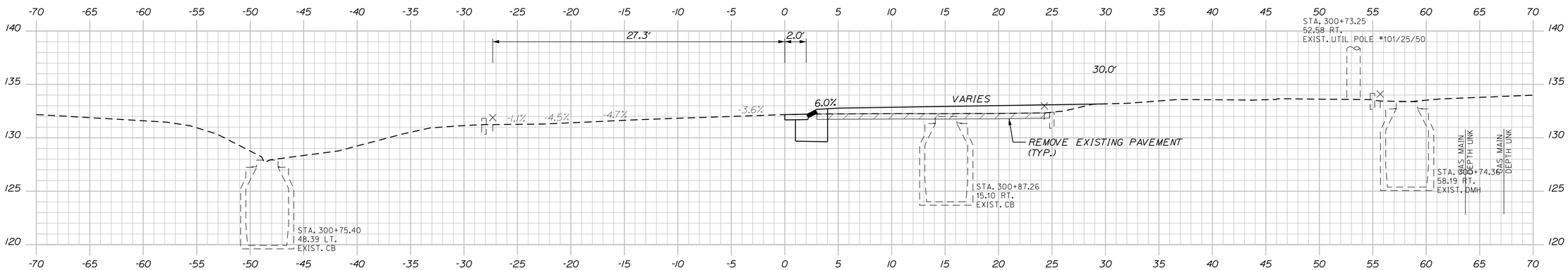
SHEET NUMBER
32
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

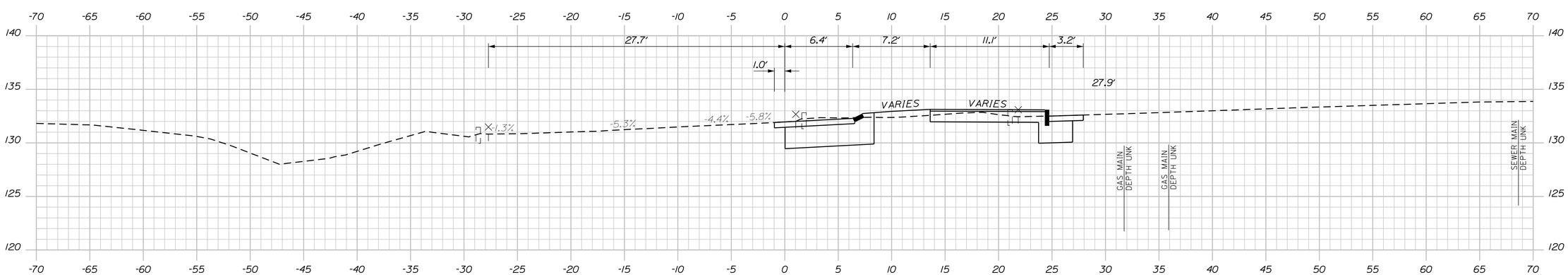
STA. 301+17.00
LIMIT OF WORK



301+00.00



300+75.00



300+50.00

STA. 106+86.65 BROADWAY (ROUTE 15) CONSTRUCTION ℄=
STA. 300+00.00 I-95 EXIT 185 SB OFF RAMP CONSTRUCTION ℄

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\\19
CHECKED-REVIEWED	DGE	-	05\\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

BANGOR
BROADWAY (ROUTE 15)

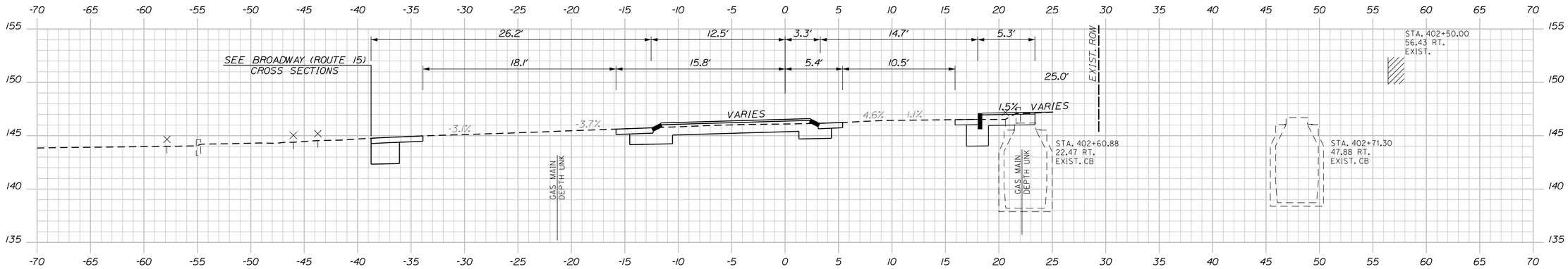
I-95 SB OFF RAMP
CROSS SECTIONS

SHEET NUMBER
33
OF 40

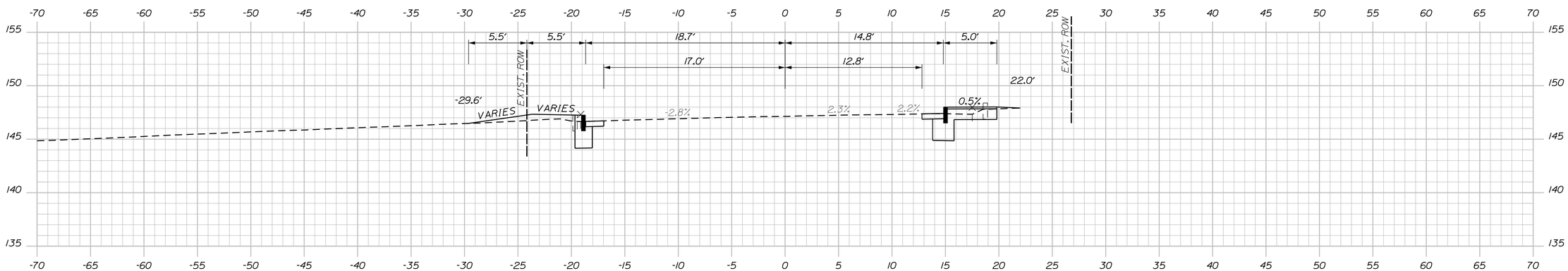
Sta. 300+50.00 to Sta. 301+00.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

STA. 113+55.90 BROADWAY (ROUTE 15) CONSTRUCTION ℄ =
STA. 403+00.00 EARLE AVENUE CONSTRUCTION ℄

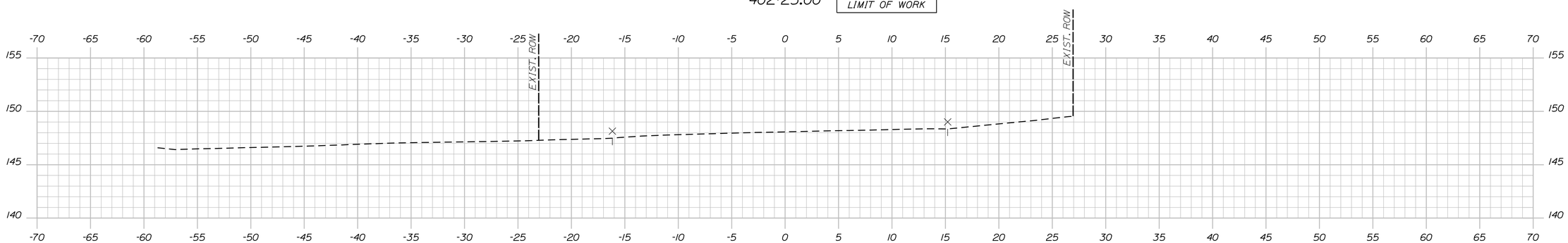


402+50.00



402+25.00

STA. 402+04.06
LIMIT OF WORK



402+00.00

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

		BY	DATE
PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

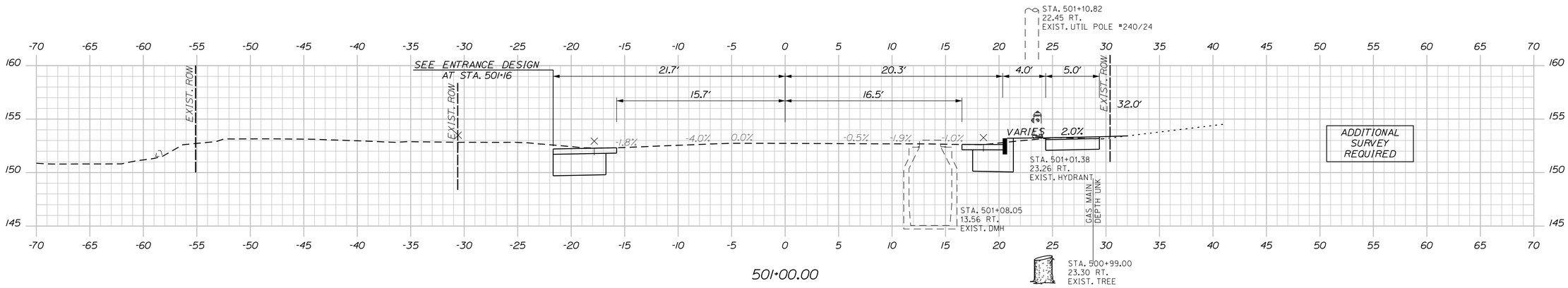
BANGOR
BROADWAY (ROUTE 15)

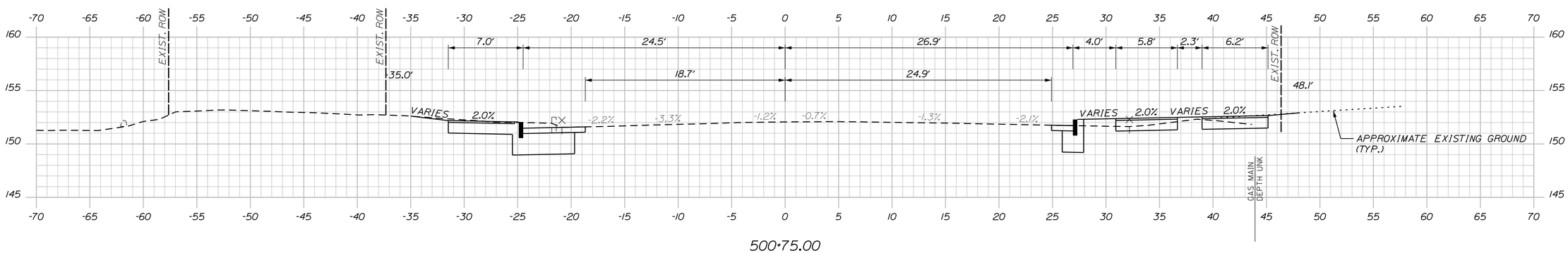
EARLE AVENUE
CROSS SECTIONS

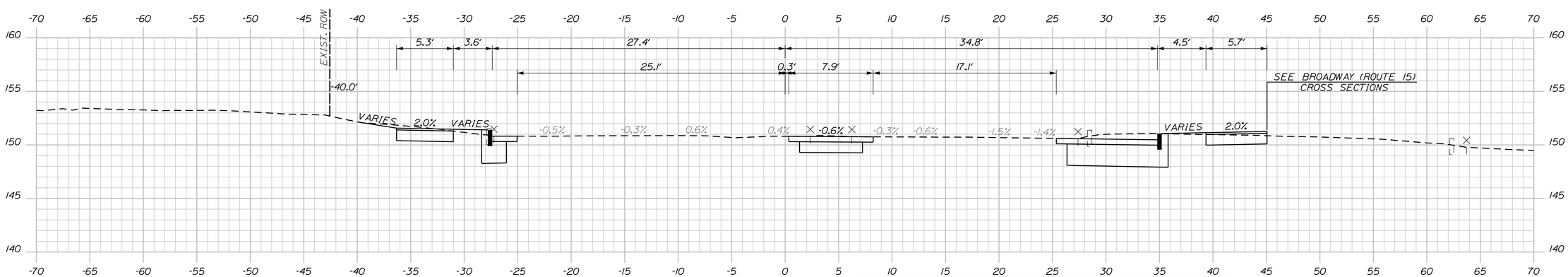
SHEET NUMBER
34
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

Sta. 402+00.00 to Sta. 402+50.00







STA. 115+47.60 BROADWAY (ROUTE 15) CONSTRUCTION ℄=
STA. 500+00.00 CENTER STREET CONSTRUCTION ℄=
STA. 600+00.00 I-95 EXIT 185 NB ON/OFF RAMP CONSTRUCTION ℄

CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

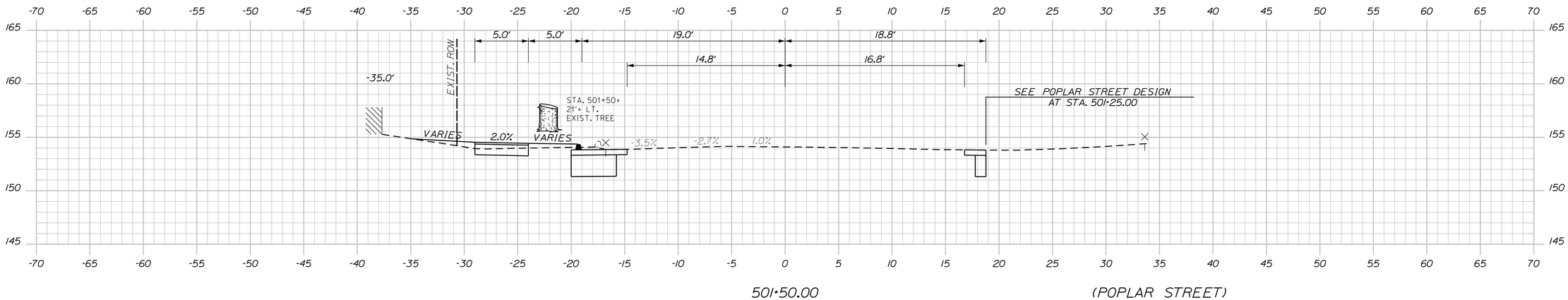
BANGOR
BROADWAY (ROUTE 15)

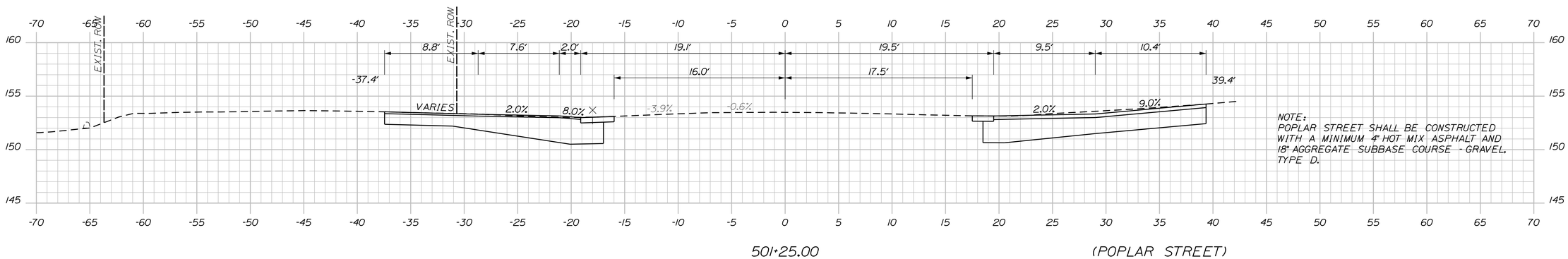
CENTER STREET
CROSS SECTIONS

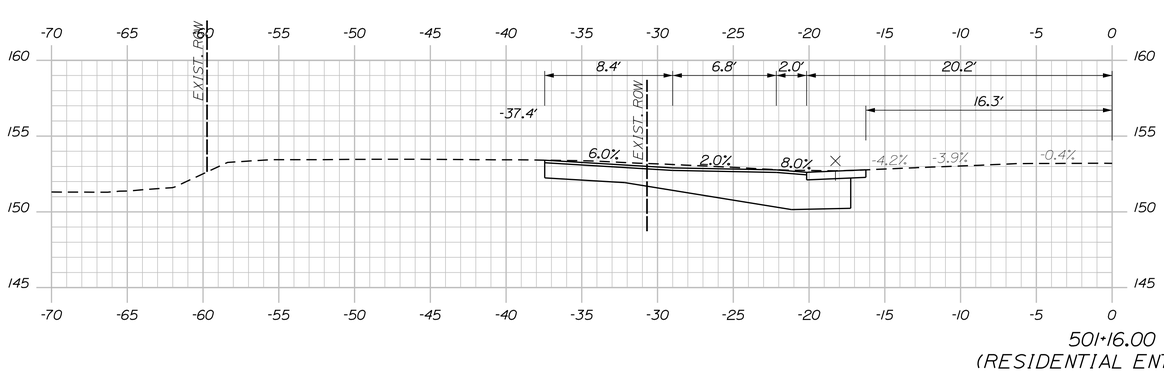
SHEET NUMBER
35
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

Sta. 500+50.00 to Sta. 501+00.00







CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING			
DESIGN-DETAILED	JSW	MPC	05\19	
CHECKED-REVIEWED	DGE	-	05\19	SIGNATURE
DESIGN2-DETAILED2	-	-	-	
DESIGN3-DETAILED3	-	-	-	P.E. NUMBER
REVISIONS 1	-	-	-	
REVISIONS 2	-	-	-	
REVISIONS 3	-	-	-	DATE
REVISIONS 4	-	-	-	
FIELD CHANGES	-	-	-	

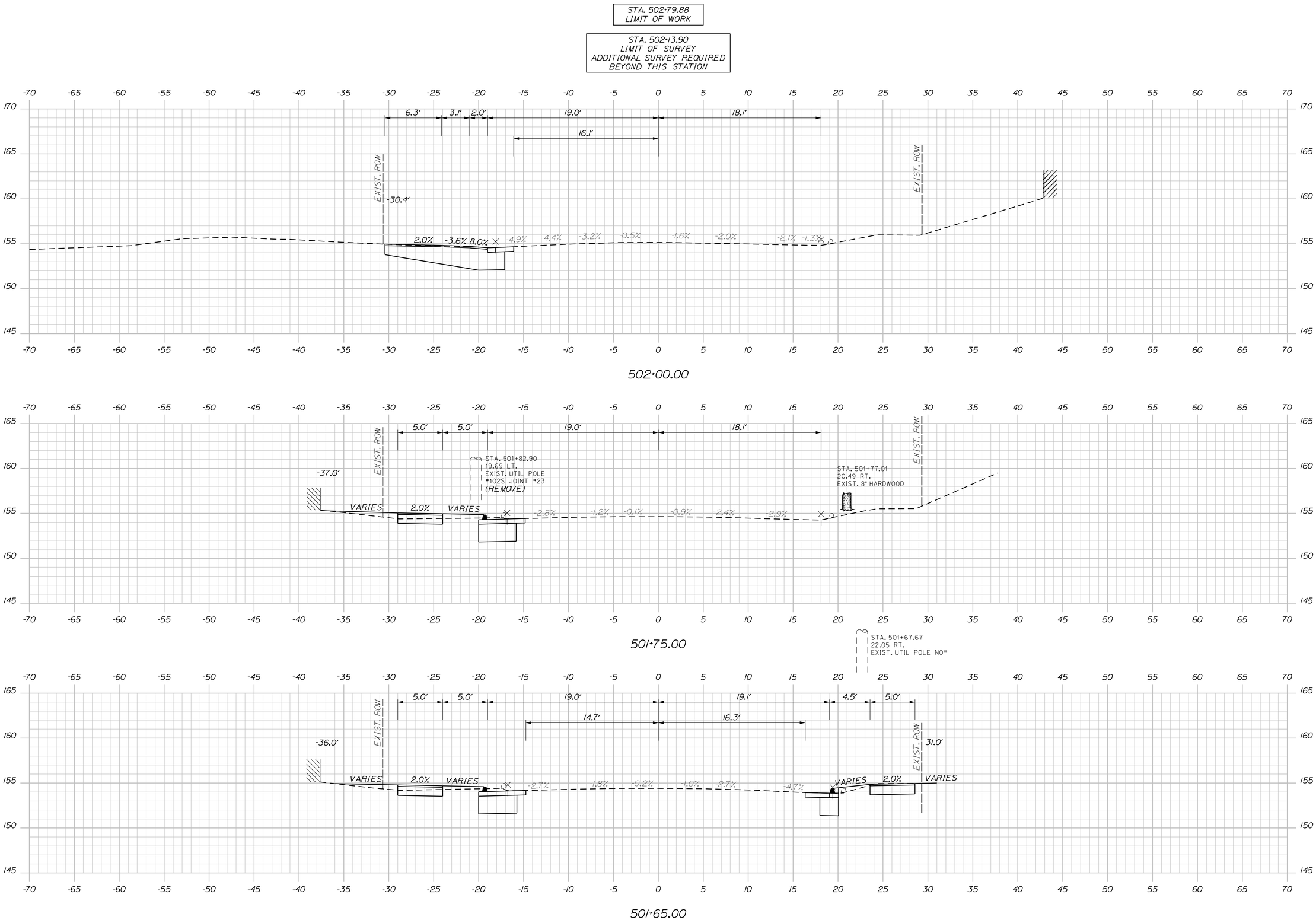
BANGOR
BROADWAY (ROUTE 15)

CENTER STREET
CROSS SECTIONS

SHEET NUMBER
36
OF 40

Sta. 501+16.00 to Sta. 501+50.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

		BY	DATE
PROJ. MANAGER	D. LORING		
DESIGN-DETAILED	JSW	MPC	05\\19
CHECKED-REVIEWED	DGE	-	05\\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

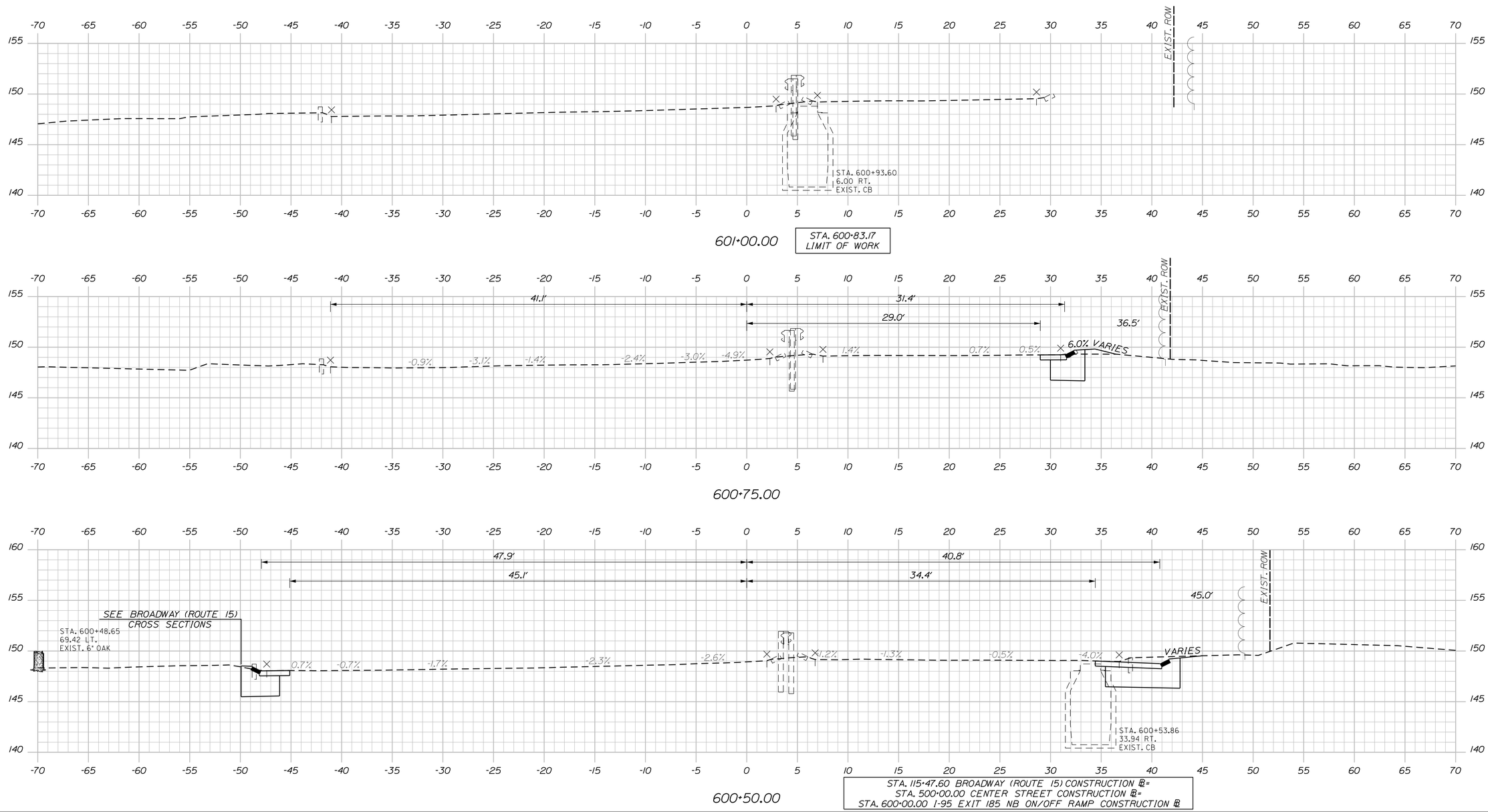
BANGOR
BROADWAY (ROUTE 15)

CENTER STREET
CROSS SECTIONS

SHEET NUMBER
37
OF 40

Sta. 501+65.00 to Sta. 502+00.00

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	JSW	MPC	05\19
CHECKED-REVIEWED	DGE	-	05\19
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

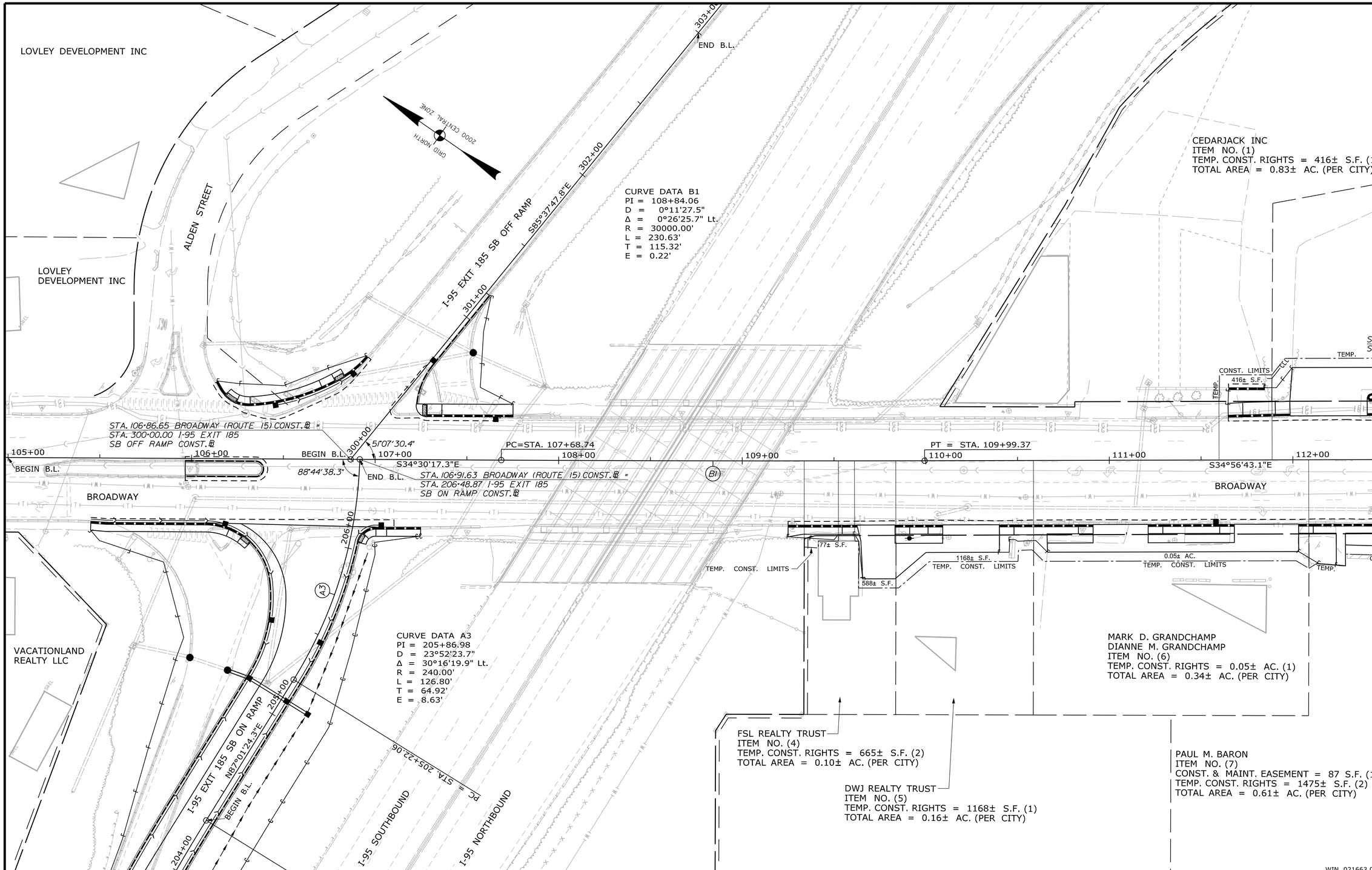
BANGOR
BROADWAY (ROUTE 15)

I-95 NB ON/OFF RAMP
CROSS SECTIONS

SHEET NUMBER
38
OF 40

Filename: ...\Z - CAD\00\Highway\Xsect.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

Sta. 600+50.00 to Sta. 601+00.00



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN 21663.00

SYMBOLS

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

ITEM	TECH	CHECKED
BASE MAP	-	-
EXIST. R/W	-	-
PROP. LINES	-	-
AREAS	MPC	DGE

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

Filename: ...\00\Highway\039_RWPlan.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

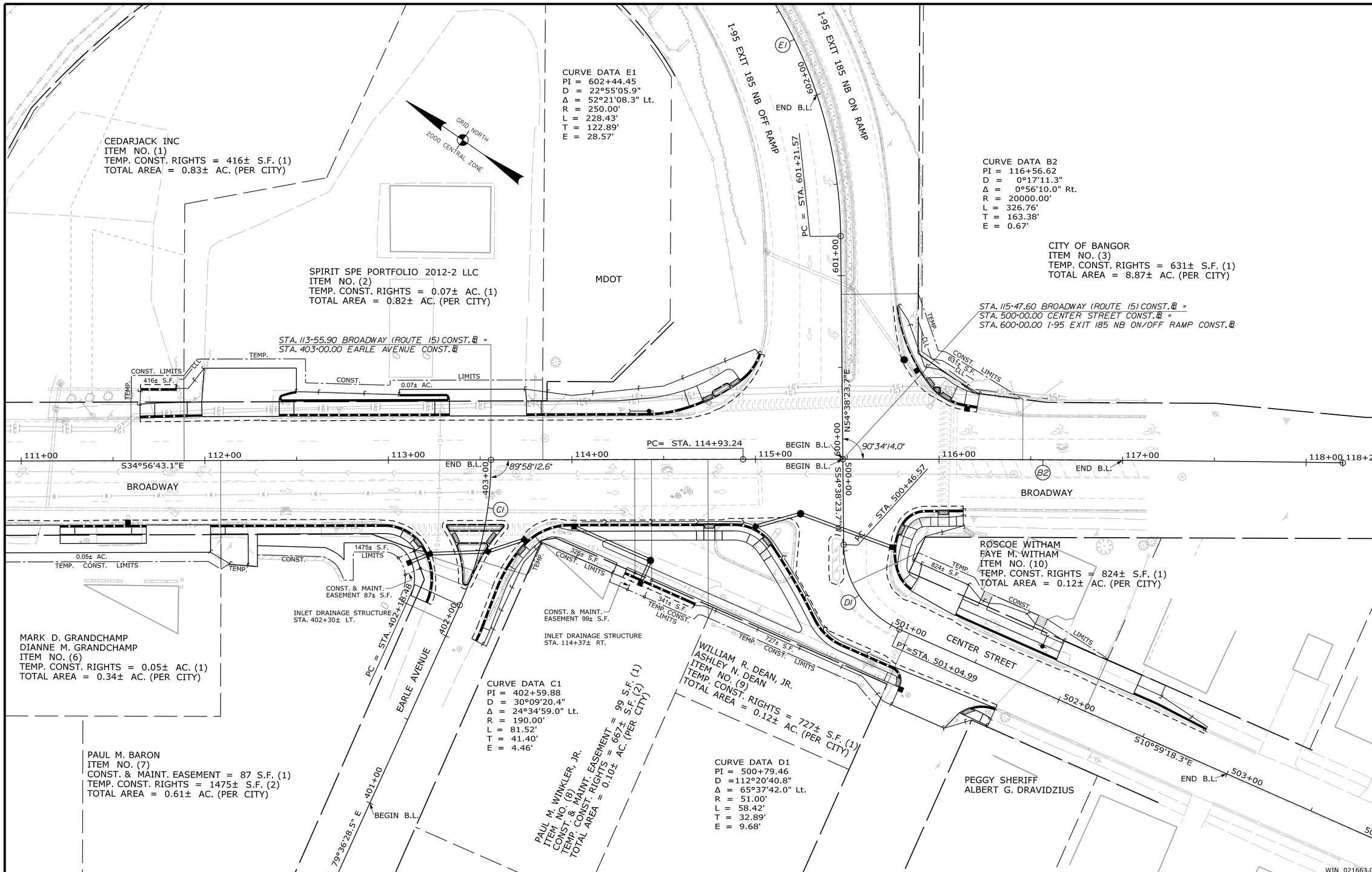
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

I-95 EXIT 185 RAMPS, BROADWAY,
EARLE AVENUE, CENTER STREET
BANGOR PENOBSCOT COUNTY
WIN 021663.00

MAY 2019 | RIGHT-OF-WAY MAP | $RWDOTFILENO$
SCALE 1" = 25' | SHEET 1 OF 2

SHEET NUMBER
39
OF 40



CITY OF BANGOR
73 HARLOW STREET,
BANGOR, MAINE 04401

WIN
21663.00

SYMBOLS

- IP or IPF (IRON PIPE or PIN FOUND)
- S.T. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WELL (WELL)
- BUILDING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF ACQUISITION (LOVAP)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP	-	-
EXIST. R/W	-	-
PROP. LINES	-	-
AREAS	MPC	DGE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016

BANGOR
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE

I-95 EXIT 185 RAMPS, BROADWAY,
EARLE AVENUE, CENTER STREET
BANGOR PENOBSCOT COUNTY
WIN 021663.00

MAY 2019 | RIGHT-OF-WAY MAP | $RWDOTFILENO$
SCALE 1" = 25' | SHEET 2 OF 2

SHEET NUMBER
40
OF 40

Filename: ...\00\Highway\040_RWPlan.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:5/24/2019