STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TMSI

PLAN LEGEND

Town, County, State		Catch Basins	Existing ■ Proposed
Property Lines		Manholes	Existing ● Proposed
R/W Lines-Existing		Proposed Underdrain	
R/W Lines-Proposed		Proposed Ditch	
Culvert-Existing		Existing Ditch	
Culvert Proposed		Utility Poles	Existing ♦ Proposed
Curbing	Existing / Proposed	Fire Hydrants	Existing ◈ Proposed
Type 1		Existing Water Line	
Type 3		Existing San. Sewer	
Type 5		Existing San. Sewer Manhole	
Outline of Bodies of Water		Guardrail-Existing	
Exposed Bedrock		Guardrail-Proposed	
Buildings		Guardrail-Cable, Other	
Trees	Conifer ✲ Deciduous ❋	Centerline-Existing	
Tree Line		Centerline-Proposed	10+00
Clearing Limit Line		Travelway-Existing	
Railroad		Travelway-Proposed	

Boring ⌖ HB-XXX-###

Pavement Core ● PC-#

Test Pit ▣ TP-XXX-###

Probe ◔ P-#.#X

#.# = Depth
X = W (Weathered Rock)
R (Refusal)
NR (No Refusal)

AUGUSTA

KENNEBEC COUNTY

CIVIC CENTER DRIVE / ROUTE 27

Federal Project No. AC-STP-1940(200)X

MaineDOT WIN 19402.00

PROJECT LENGTH : 0.69 MILES

INDEX OF SHEETS

Description	Sheet No.
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Drainage Sheet	4
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Construction Notes	6
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Geometric Curb Layout	19-20
Cross - Sections	21-46
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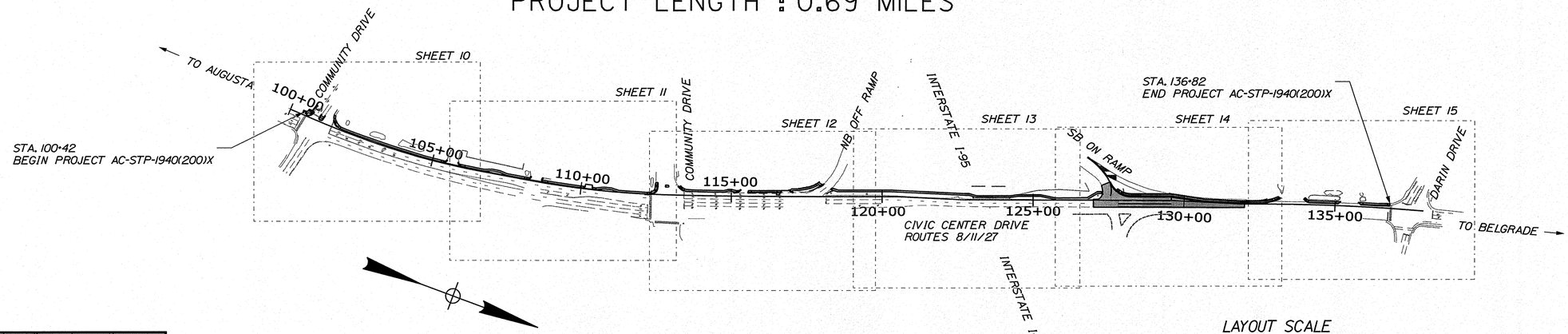
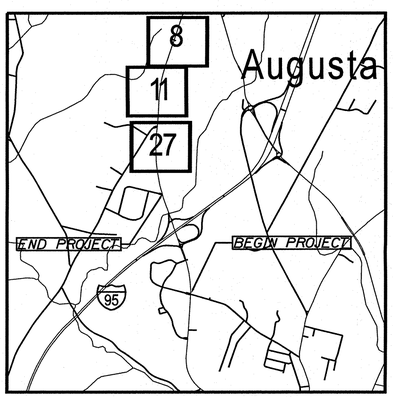


LAYOUT SCALE

200 0 200 400

Scale in Feet



LOCATION MAP

TRAFFIC DATA

	SR 8/11/27 S/O I-95 SB RAMPS	SR 8/11/27 N/O I-95 SB RAMPS	SR 8/11/27 N/O I-95 SB RAMPS
Current (2019) AADT	17,750	15,070	5,630
Future (2039) AADT	19.530	16,580	6,190
DHV - % of AADT	11	10	
Design Hour Volume	2,148	1,658	
% Heavy Trucks (AADT)	6	7	
Directional Distribution (DHV)	51	59	
Design Speed (mph)	35	35	
Functional Class:	Urb. Min. Art.	Urb. Min. Art.	Interstate
Corridor Priority	2	2	1

PROJECT LOCATION:	CIVIC CENTER DRIVE IN AUGUSTA FROM COMMUNITY DRIVE TO DARIN DRIVE
PROGRAM AREA:	MULTIMODAL
SCOPE OF WORK:	NEW SIDEWALK

WIN 019402.00 AC-STP-1940(200)X

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

		DATE
APPROVED		
COMMISSIONER:	Victoria Mitchell	12/9/19
CHIEF ENGINEER:	Bruce MacKay-Taylor	12-9-19

STATE OF MAINE — JAMES L. EASON No. 7960 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE			
P.E. NUMBER	7960		
DATE	11/11/19		

PROJECT INFORMATION

PROGRAM	MULTIMODAL		
PROJECT MANAGER	AURELE CORNEAU		
DESIGNER	A. GODFREY / J. EASON		
CONSULTANT	TMSI		
PROJECT RESIDENT			
CONTRACTOR			
PROJECT COMPLETION DATE			

AUGUSTA
CIVIC CENTER DRIVE

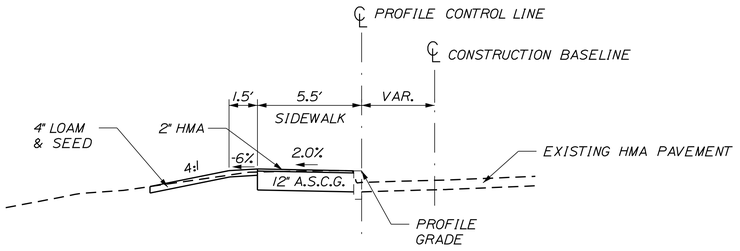
TITLE SHEET

SHEET NUMBER

1

OF 52

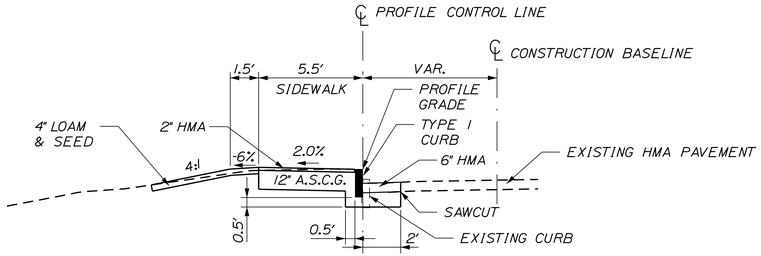
Filename: ...\001_Title_01.dgn Division: HIGHWAY Username: common Date:12/2/2019



ROUTE 27

NEW SIDEWALK ADJACENT EXISTING CURB

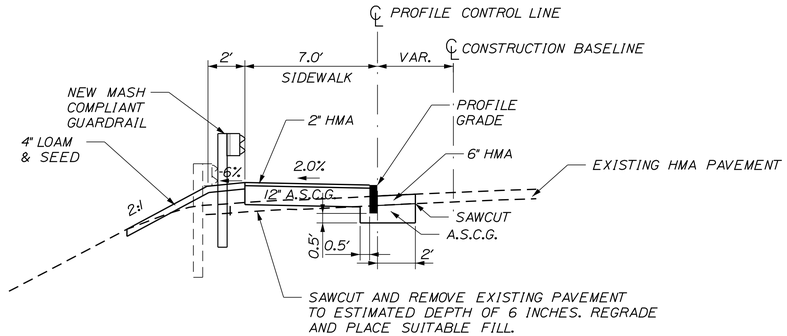
AGGREGATE SUBBASE COURSE - GRAVEL (ITEM 304.10)
5.5' SIDEWALK A.S.C.G. = 18.81 CY/100 LF
STATION TO STATION
101+67.3 TO 106+75 107+50 TO 110+50 111+25 TO 114+75



ROUTE 27

NEW SIDEWALK ADJACENT NEW TYPE I CURB

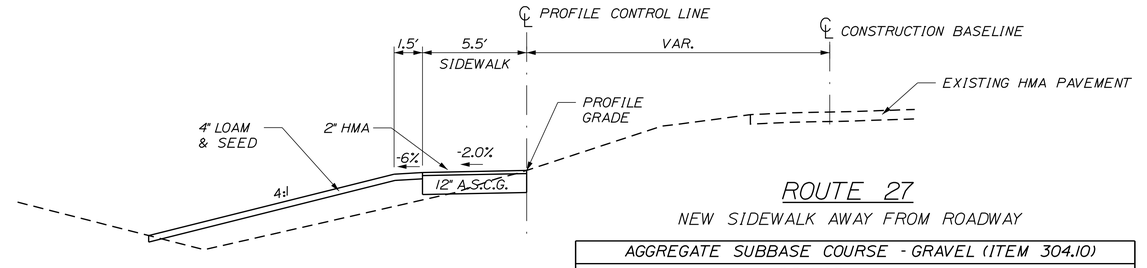
AGGREGATE SUBBASE COURSE - GRAVEL (ITEM 304.10)
5.5' SIDEWALK A.S.C.G. = 27.93 CY/100 LF
STATION TO STATION
115+58.5 TO 116+64.2



ROUTE 27

NEW SIDEWALK ADJACENT NEW TYPE I CURB

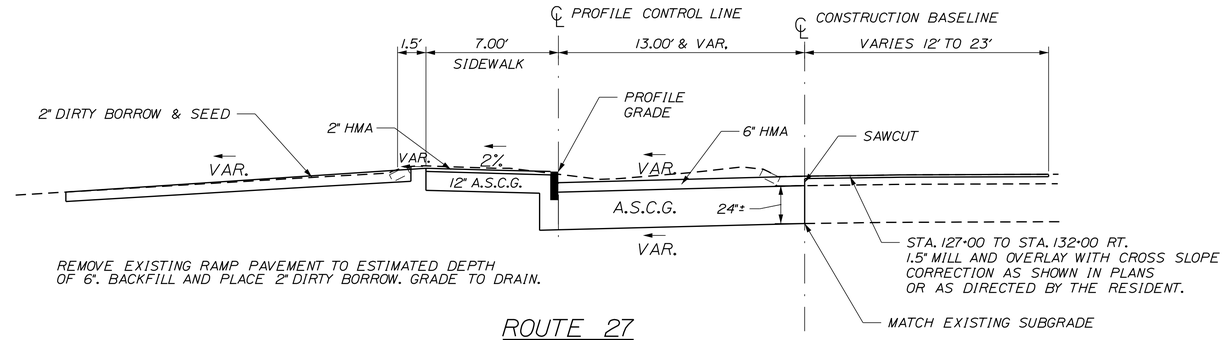
AGGREGATE SUBBASE COURSE - GRAVEL (ITEM 304.10)
7' SIDEWALK A.S.C.G. = 33.89 CY/100 LF
STATION TO STATION
129+50 TO 133+15



ROUTE 27

NEW SIDEWALK AWAY FROM ROADWAY

AGGREGATE SUBBASE COURSE - GRAVEL (ITEM 304.10)
5.5' SIDEWALK ASCG = 20.37 CY/100 LF
STATION TO STATION
106+75 TO 107+50 110+50 TO 111+25 114+75 TO 115+16 116+95 TO 127+30

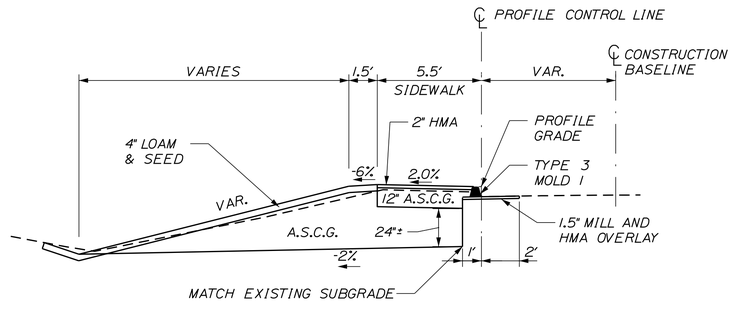


REMOVE EXISTING RAMP PAVEMENT TO ESTIMATED DEPTH OF 6". BACKFILL AND PLACE 2" DIRTY BORROW. GRADE TO DRAIN.

ROUTE 27

NEW SIDEWALK AND AUXILIARY LANE

AGGREGATE SUBBASE COURSE - GRAVEL (ITEM 304.10)	
7' SIDEWALK & CURB A.S.C.G. = 30.81 CY/100 LF	VAR. WIDTH ROADWAY A.S.C.G. = 7.41 CY/1 LF WIDTH/100 LF
STATION TO STATION	
127+75 TO 129+50	



ROUTE 27

NEW SIDEWALK AND AUXILIARY LANE

AGGREGATE SUBBASE COURSE - GRAVEL (ITEM 304.10)
5.5' SIDEWALK A.S.C.G. = VARIES
STATION TO STATION
133+98 TO 136+82

NOTE:

1. THE PAVEMENT, BASE, AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER'S PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. EXCEPT WHERE NOTED, THE GRAVEL QUANTITY CALCULATION IS BASED ON 4" LOAM. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPE'S "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATION SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
7. HMA = HOT MIX ASPHALT
   A.S.C.G. = AGGREGATE SUBBASE COURSE - GRAVEL

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON · No 7960 · LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960 P.E. NUMBER
11/11/19 DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	JLE	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

TYPICAL SECTIONS

SHEET NUMBER
2
OF 52

Filename: ...\002_Typical Sections.dgn Division: HIGHWAY Username: common Date:12/2/2019

Usename: common
Division: HIGHWAY
Filename: ...\003_Estimate.dgn
Date:12/2/2019

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.15	REM MANHOLE OR CATCH BASIN	EACH	1
202.202	REMOVING PAVEMENT SURFACE	SY	1,580
203.20	COMMON EXCAVATION	CY	1,400
203.24	COMMON BORROW	CY	200
203.25	GRANULAR BORROW	CY	50
206.061	STRUCT EARTH EXC-DRAIN & MINOR STRUCT-BELOW GRADE	CY	50
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	CY	1,300
403.2081	12.5 MM POLYMER MODIFIED HMA	TON	180
403.209	HOT MIX ASPHALT, 9.5mm (SW,DRIVES,INCIDENTALS)	TON	280
403.211	HOT MIX ASPHALT (SHIM)	TON	20
403.213	HOT MIX ASPHALT, 12.5mm BASE	TON	150
409.15	BITUMINOUS TACK COAT - APPLIED	GAL	100
514.06	CURING BOX FOR CONCRETE CYLINDERS	EACH	1
603.159	12 INCH CULVERT PIPE OPTION III	LF	210
603.179	18 INCH CULVERT PIPE OPTION III	LF	270
603.199	24 INCH CULVERT PIPE OPTION III	LF	8
604.16	ALTERING CATCH BASIN TO MANHOLE	EACH	1
604.164	REBUILDING CATCH BASIN	EACH	1
604.2403	SPECIAL BASIN	EACH	2
604.243	CATCH BASIN TYPE F3-C	EACH	2
604.245	CATCH BASIN TYPE F4-C	EACH	2
604.248	CATCH BASIN TYPE F6	EACH	2
604.26	CATCH BASIN TYPE B5	EACH	2
604.262	CATCH BASIN TYPE B5-C	EACH	1
606.1301	31 INCH W-BM GR, MID-WAY SPLICE - SINGLE FACED	LF	288
606.1304	31 INCH W-BM GR, MID-WAY SPLICE - OVER 15' RADIUS	LF	25
606.1305	31 INCH W-BM GR, MID-WAY SPLICE - FLARED TERMINAL	EACH	1
606.178	GUARDRAIL BEAM	LF	25
606.265	TERMINAL END - SINGLE RAIL GALV STEEL	EACH	4
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	EACH	10
606.48	SINGLE GALVANIZED STEEL POST	EACH	4
606.79	GUARDRAIL 350 FLARED TERMINAL	EACH	1
607.22	CEDAR RAIL FENCE	LF	72
607.24	REMOVE AND RESET FENCE	LF	96
608.26	CURB RAMP DETECTABLE WARNING FIELD	SF	161
609.11	VERTICAL CURB TYPE 1	LF	790
609.12	VERTICAL CURB TYPE 1 - CIRCULAR	LF	15
609.23	TERMINAL CURB TYPE 1	EACH	18
609.232	TERMINAL CURB TYPE 1 - CIRCULAR	EACH	12
609.31	CURB TYPE 3	LF	390
609.34	CURB TYPE 5	LF	40
610.08	PLAIN RIPRAP	CY	14
610.09	HAND LAID RIPRAP	CY	5
613.319	EROSION CONTROL BLANKET	SY	130
615.07	LOAM	CY	180
615.10	DIRTY BORROW	CY	150
618.13	SEEDING METHOD NUMBER 1	UNIT	15
618.14	SEEDING METHOD NUMBER 2	UNIT	24
619.12	MULCH	UNIT	39
620.58	EROSION CONTROL GEOTEXTILE	SY	40
626.11	PRECAST CONCRETE JUNCTION BOX	EACH	5
626.21	METALLIC CONDUIT	LF	70
626.22	NON-METALLIC CONDUIT	LF	3,000
626.32	24" FOUNDATION	EACH	9
626.332	30" DIA GREATER 8' LONG & 36" DIA & 42" DIA FOUNDATION	CY	4
626.36	REMOVE OR MODIFY CONCRETE FOUNDATION	EACH	5
627.733	4" WHITE OR YELLOW PAINTED PVMT MARKING LINE	LF	1,700
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	SF	1,190
627.77	REMOVING PAVEMENT MARKINGS	SF	200
627.78	TEMPORARY 4 INCH PAINTED PVMT MARK LINE W OR Y	LF	1,000
629.05	HAND LABOR	HR	10
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	10
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	HR	10
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	HR	5
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	HR	5
631.22	FRONT END LOADER (INCLUDING OPERATOR)	HR	10
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	HR	5
634.160	HIGHWAY LIGHTING	LS	1
634.2042	LED LUMINAIRES	EACH	6
634.210	CONVENTIONAL LIGHT STANDARD	EACH	1
639.19	FIELD OFFICE TYPE B	EACH	1
643.71	TRAFFIC SIGNAL MODIFICATIONS	LS	1
643.92	PEDESTAL POLE	EACH	4
645.103	DEMOUNT GUIDE SIGN	EACH	3
645.106	DEMOUNT REG. WRN. CON. & RTE SIGN	EACH	20
645.113	REINSTALL GUIDE SIGN	EACH	3
645.116	REINSTALL REG. WRN. CON. & RTE SIGN	EACH	20
645.271	REG WARN CONF RTE SIGNS TYPE 1	SF	120
645.292	REG WARN CONF RTE SIGNS TYPE II	SF	13
645.512	LED BLANK-OUT SIGN	EACH	1

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
652.33	DRUM	EACH	115
652.34	CONE	EACH	115
652.35	CONSTRUCTION SIGNS	SF	800
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	CD	90
652.38	FLAGGER	HR	2,250
652.381	TRAFFIC OFFICER	HR	40
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	3
656.75	TEMP. SOIL EROSION AND WATER POLLUTION CONTROL PLAN	LS	1
659.10	MOBILIZATION	LS	1

SUMMARY OF EARTHWORK AND BORROW

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS - MAINLINE)	1,289 CY	
PAVEMENT REMOVAL OUTSIDE OF SECTIONS	41 CY	
GRUBBING IN FILL	70 CY	
TOTAL COMMON EXCAVATION		1,400 CY

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS - MAINLINE)	841 CY	
COMMON BORROW OUTSIDE OF SECTIONS	21 CY	
GRUBBING IN FILL	70 CY	
TOTAL FILL		932 CY

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION	0 CY	
TOTAL ROCK EXCAVATION		0 CY

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS 1,400 CY

(1) TOTAL COMMON EXCAVATION DEDUCTIONS:

GRUBBING IN CUTT	250 CY	
GRUBBING IN FILL	70 CY	
PAVEMENT SALVAGE REMOVAL	226 CY	
(2) TOTAL DEDUCTIONS		546 CY
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		
TOTAL AVAILABLE NON-ROCK EXCAVATION		854 CY

COMPUTATION OF COMMON BORROW FOR ESTIMATE

(3) TOTAL FILL 932 CY

TOTAL AVAILABLE NON-ROCK EXCAV.	854	X 0.90 =	769 CY
TOTAL AVAILABLE ROCK EXCAV.	0	X 1.30 =	0 CY

(4) TOTAL AVAILABLE EXCAVATION 769 CY

BORROW NEEDED (3) MINUS (4) 163 CY

TOTAL SURPLUS WASTE MATERIAL 546 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON — No 7960 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

7960 P.E. NUMBER

11/11/19 DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	JLE 11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

ESTIMATED QUANTITIES

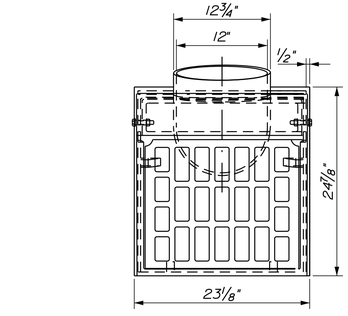
SHEET NUMBER

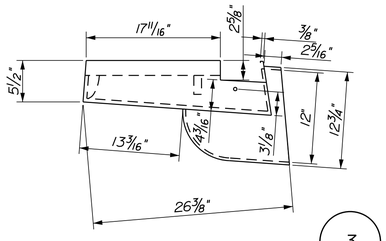
3

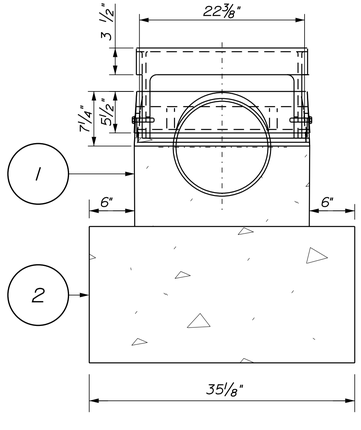
OF 52

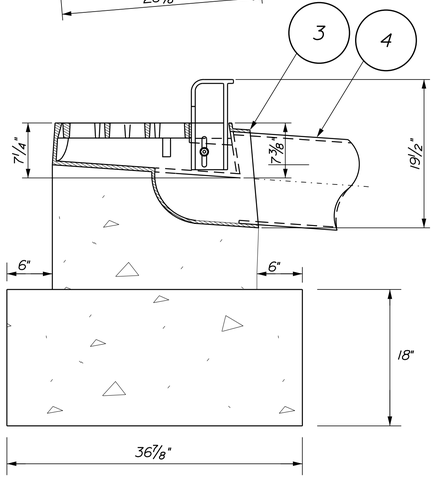
	STATION	CULVERT PIPE: RCP SIZE	RCP LENGTH	RCP CLASS	CMP SIZE	CMP LENGTH	OPTION I SIZE	OPTION I LENGTH	OPTION III SMOOTHLINED SIZE	OPTION III SMOOTHLINED LENGTH	OPTION III CORRUGATED SIZE	OPTION III CORRUGATED LENGTH	CATCH BASIN B5-C	CB B1	CB B5	CB *	CB F	PIPE ARCH SPAN	PIPE ARCH RISE	PIPE ARCH LENGTH	PIPE ARCH GAGE OR WALL THICKNESS	MH	UNDERDRAIN TYPE B LENGTH	UNDERDRAIN TYPE B OUTLET	UNDERDRAIN TYPE C SMOOTHLINED SIZE	UNDERDRAIN TYPE C SMOOTHLINED LENGTH	UNDERDRAIN TYPE C CORRUGATED SIZE	UNDERDRAIN TYPE C CORRUGATED LENGTH	ELBOWS, TEES, WYES AND INLET GRATE UNITS DESCRIPTIONS	REMARKS
	STA. 116+54.9, 11.1' LT. TO STA. 116+56.8. 7.7' LT								12"	4'																				
	STA. 119+38±, 41'± LT. TO STA. 119+38±, 49' LT.								24"	8'																				LOCATE AND EXTEND
	STA. 122+40.0, 39.9' LT. TO STA. 122+49.2, 9.4' LT.								12"	32'																				
	STA. 123+63.5, 8.0' LT. TO STA. 123+63.5, 11.0' LT.								12"	3'																			12" - 90° ELBOW	ELBOWS INCIDENTAL
	STA. 123+63.5, 11.0' LT. TO STA. 124+49.0, 6.6' LT.								12"	86'																				
	STA. 124+50.7, 7.2' LT. TO STA. 124+62.9, 18.5' LT.								12"	17'																				
	STA. 124+65.0 21.8' LT. TO STA. 124+65.0, 29.8' LT.								18"	8'																				
	STA. 124+67.0, 19.8' LT. TO STA. 126+86.9, 19.8' LT.								18"	221'																				
	STA. 126+85.1, 5.7' LT. TO STA. 126+88.6, 17.9' LT.								12"	13'																				
	STA. 126+90.4, 21.2' LT. TO STA. 127+10.4, 49.5' LT.								18"	35'																				
	STA. 129+50.0, 21.0' LT. TO STA. 129+50.0, 41.0' LT.								12"	20'																				
	STA. 129+75.7, 19.2' LT. TO STA. 129+77.5, 39.2' LT.								12"	20'																				
	STA. 134+25.0, 7.8' LT. TO STA. 134+20.0, 20.0' LT.								12"	12'																				
1	STA 116+54.20, 11.88' LT.												1																	RECONNECTING PIPE INCIDENTAL
2	STA. 122+50.00, 7.50' LT.																1													F3-C
3	STA. 123+63.50, 7.00' LT.																1													F4-C
4	STA. 124+50.00, 6.50' LT.																1													F4-C
5	STA. 124+65.00, 19.00' LT.														1															SOLID COVER
6	STA. 126+88.92, 19.00' LT.														1															FLAT TOP, SOLID COVER
7	STA. 129+50.00, 14.26' LT.															1														* SPECIAL BASIN R-3165
7A	STA. 129+50.00, 20.00' LT.																1													F6 W/ SOLID COVER
8	STA. 129+75.00, 12.49' LT.															1														* SPECIAL BASIN R-3165
8A	STA. 129+75.70, 18.20' LT.																1													F6 W/ SOLID COVER
9	STA. 134+25.00, 6.83' LT.																1													F3-C

NOTE: ALL PIPES SHALL BE SMOOTHLINED UNLESS OTHERWISE NOTED.









ITEM 604.2403

SPECIAL CATCH BASIN R-3165

NOT TO SCALE

NOTES:

1. PRE-CAST BASE. CARE SHALL BE TAKEN TO ELIMINATE ALL AIR VOIDS BETWEEN CONCRETE AND FRAME.
2. CAST-IN-PLACE FOOTINGS. EXTEND APPROXIMATELY 6 INCHES BEYOND THE PRE-CAST BASE ON ALL SIDES. EXACT DIMENSIONS AS CONDITIONS ALLOW.
3. A FERNCO COUPLING IS REQUIRED TO FIT THE 12" OUTLET PIPE TO THE SPECIAL BASIN. THE COUPLING SHALL BE ATTACHED BEFORE CASTING THE CONCRETE FILL BASE.
4. FERNCO COUPLING FOR 12" PVC OUTLET PIPE. CONCRETE BASE AND FOOTING WILL BE CONSIDERED INCIDENTAL TO PAYMENT UNDER ITEM 604.2403.
5. CONCRETE SHALL MEET REQUIREMENTS OF SECTION 502 FOR CONCRETE FILL.
6. EACH CURB BOX SHALL BE DOWELED AT LEAST 6" INTO THE ADJACENT TYPE 1 CURB WITH CORROSION RESISTANT EPOXY COATED #19 DOWELS. CURB BOXES SHALL BE DRILLED ADJACENT TO THE CURB ON BOTH SIDES WITHIN 3" OF THE TOP OF THE CURB BOX. DRILL HOLES SHALL BE LEVEL WITH THE TOP OF THE CURB BOX. DOWELS SHALL BE INSTALLED THROUGH CURB BOXES AND CEMENTED INTO EACH STONE WITH EPOXY GROUT AS SHOWN IN STANDARD DETAIL 609(04) OR AS DIRECTED BY THE RESIDENT. WORK AND MATERIALS WILL BE INCIDENTAL TO ITEM 604.2403.
6. ALL SPECIAL BASINS SHALL BE INSTALLED WITH THE CURB PLATE. THE TYPE 1 CURB SHALL BE ALTERED TO STRADDLE THE SPECIAL BASINS AND TO REST ON THE CURB PLATE. THESE ALTERED SECTIONS OF CURB SHALL BE INSTALLED WITH STEEL DOWELS CEMENTED INTO EACH SECTION OF ADJACENT CURB WITH EPOXY GROUT AS SHOWN IN STANDARD DETAIL 609(04) OR AS DIRECTED BY THE RESIDENT. IN ADDITION, THE TOP EDGE ADJACENT CURB SECTIONS SHALL BE CHAMFERED TO TRANSITION TO MATCH THE CAST IRON HEADER. WORK AND MATERIALS SHLL BE INCIDENTAL TO ITEM 604.2403.
7. THE EPOXY GROUT SHALL BE USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE GROUT SHALL BE FORCED INTO THE HOLES AFTER WHICH THE ENDS OF THE DOWELS SHALL BE COATED WITH GROUT AND INSERTED INTO THE GROUT FILLED HOLES. THE HOLES SHALL BE COMPLETELY FILLED WITH GROUT AROUND THE DOWEL. ALL TOOLS AND CONTAINERS MUST BE CLEAN BEFORE USING.
8. CONNECT SPECIAL BASIN R-3165 TO CATCH BASIN TYPE F6 IN SIDEWALK WITH 12" PVC PIPE. CORE TYPE F6 TO RECEIVE 12" PVC PIPE. PAYMENT FOR 12" PVC AND CORING OF TYPE F6 CATCH BASIN WILL BE INCIDENTAL TO ITEM 604.2403.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No 7960 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

7960 P.E. NUMBER

11/11/19 DATE

PROJ. MANAGER	A. CORNEAU, II	BY
DESIGN-DETAILED	ALG	JLE
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2	ALG	
DESIGN3-DETAILED3		

	DATE
REVISIONS 1	11-19
REVISIONS 2	11-19
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

AUGUSTA
CIVIC CENTER DRIVE

DRAINAGE SHEET

SHEET NUMBER

4

OF 52

Filename: ...\004_Drainage_01.dgn Division: HIGHWAY Username: common Date:12/2/2019

1. PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL

2. TRIM ALL TREE BRANCHES TO 8 FEET ABOVE SIDEWALKS. A TREE SPECIALIST SHALL BE SUBCONTRACTED FOR THIS WORK AND PAYMENT WILL BE MADE BY INVOICE PLUS 5%. ANY TREE BRANCHES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE TRIMMED AT THE CONTRACTOR'S EXPENSE.

3. CLEARING LIMITS SHALL BE 10 FEET BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.

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

5. THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.

6. 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.

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

8. 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 WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.

9. 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.

10. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

11. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12 INCHES AGGREGATE SUBBASE COURSE - GRAVEL AND 2 INCHES HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

12. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING (OR MILLING) SHALL BE INCIDENTAL TO THE RELATED PAVING (OR MILLING) ITEMS. THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.

13. CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.

14. THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.

15. PRIOR TO SURFACE PAVING, EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).

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

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

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

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

20. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

21. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.

22. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603 OR 605.

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

24. HOLES CREATED BY GUARDRAIL REMOVAL WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE RESIDENT. PAYMENT TO BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS. (PRESERVATION ONLY)

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

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

27. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO ITEM 606.

28. BACKING UP BITUMINOUS CURB IS INCIDENTAL TO THE CURB ITEMS. IN AREAS WHERE NEW BITUMINOUS CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS CURB SHALL BE INCIDENTAL TO THE NEW CURB. IF CALLED FOR ON THE PLANS OR DIRECTED BY THE RESIDENT, LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY.

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

30. DIRTY BORROW HAS BEEN ESTIMATED FOR ALL DISTURBED SLOPE AREAS OTHER THAN LAWN AREAS. ACTUAL PLACEMENT OF THE DIRTY BORROW SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.

31. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.

32. 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.

33. DIRTY BORROW SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES UNLESS OTHERWISE NOTED OR DIRECTED.

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

35. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINEDOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSION DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS.

36. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

37. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

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

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

40. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

41. THE CONTRACTOR WILL PLACE APPROPRIATELY MARKED STAKES AT THE FOLLOWING LOCATIONS ON THE PROJECT: STRIPING PATTERN CHANGES, CROSS-SLOPE CHANGES, AND EVERY 500 FEET FOR STATIONING. THE CONTRACTOR WILL PAINT EVERY FULL STATION (100 FEET) ON THE EXISTING ROADWAY AND WILL TRANSFER THE PAINTED STATIONING THROUGH ALL INTERMEDIATE LIFTS (NOT SURFACE). APPROPRIATELY SIZED STRIPING PATTERN CHANGES WILL BE PAINTED ON SURFACE. STATIONING CONTROL MUST BE PLACED BEFORE WORK CAN COMMENCE. CROSS-SLOPE AND STRIPING CHANGE

42. EXCLUDING WATER AND GAS GATE VALVES, ALL HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES SHALL MEET THE GRADATION REQUIREMENTS OF A 9.5 MM OR 12.5 MM MIXTURE. THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FOR THE PATCH AT LEAST TWO FEET AWAY FROM THE NEAREST EDGE OF THE STRUCTURE. THE CONTRACTOR SHALL PLACE HMA IN LIFTS OF 3 INCHES OR LESS, AS DIRECTED BY THE RESIDENT, AND COMPACT THE HMA USING A MINIMUM OF A 150 POUND PLATE COMPACTOR. HMA FOR PATCHING AROUND ADJUSTED, ALTERED

43. PULL WIRE SHALL BE INSTALLED IN ALL NEW CONDUIT.

44. BUSHINGS SHALL BE INSTALLED ON ALL CONDUIT TERMINATIONS.

45. ALL CONDUIT THREADS ARE TO BE REDHEADED.

46. ALL EXPOSED STEEL FITTINGS AND HARDWARE SHALL BE GALVANIZED, EXCEPT NON-CONDUCTIVE BUSHINGS SHALL BE USED FOR CONNECTION OF RIGID METAL CONDUIT TO ALUMINUM CABINETS.

47. ALL PEDESTRIAN SIGNAL AND LIGHTING EQUIPMENT SHALL BE BONDED TO THE GROUNDING CONDUCTOR.

48. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS SECURELY ATTACHED TO EACH CABLE.

49. THE MAINTENANCE OF TRAFFIC SIGNALS AND LIGHTING SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY MAINEDOT.

50. PAYMENT UNDER ITEM 643.71 SHALL INCLUDE, BUT NOT BE LIMITED TO, METER DISCONNECT AND ENCLOSURE, PEDESTRIAN SIGNAL ASSEMBLIES AND LED LAMPS, REMOVAL OF MAST ARM POLE AND ALL ATTACHMENTS AND RELOCATION TO NEW FOUNDATION, MAST ARM POLE ANCHOR BOLTS FOR NEW FOUNDATION, WIRING, FIBER OPTIC INTERCONNECT CONDUCTORS, AND ALL APPURTENANCES AND INCIDENTALS NECESSARY FOR COMPLETELY FUNCTIONING TRAFFIC AND PEDESTRIAN SIGNAL INSTALLATIONS, OTHER THAN RELATED LABOR, MATERIALS AND EQUIPMENT INCLUDED IN OTHER PAY ITEMS OF THE CONTRACT.

51. PAYMENT UNDER ITEM 634.160 HIGHWAY LIGHTING SHALL INCLUDE WIRING; RISERS AND FITTINGS FOR LUMINAIRES, INCLUDING ATTACHMENT TO MAST ARM POLES; LIGHTING CONTROL CABINET; DISCONNECT ENCLOSURE; AND ALL OTHER MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PROVIDE FULLY FUNCTIONAL HIGHWAY LIGHTING FOR THE PROJECT, EXCEPT THOSE ITEMS TO BE PAID UNDER OTHER RELATED BID ITEMS IN THE CONTRACT.

52. CUTTING OF CURB TYPE 5 TO CREATE TERMINAL ENDS WILL BE INCIDENTAL TO PAYMENT UNDER ITEM 609.34.

53. RELOCATING JUNCTION BOXES AND ADJUSTING JUNCTION BOXES TO GRADE WILL BE INCIDENTAL TO PAYMENT UNDER ITEM 203.20.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON · No 7960 · REGISTERED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. CORNEAU, II	
DESIGN-DETAILED	ALC	11-19
CHECKED-REVIEWED	ALC	11-19
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CONSTRUCTION NOTES

SHEET NUMBER
5
OF 52

Filename: ...\005_GeneralNotes.dgn Division: HIGHWAY Username: common Date:12/2/2019

VERTICAL CURB TYPE 1 - ITEM 609.11	
LOCATION	LENGTH
STA. 100+43.9, 5.2' LT. TO STA. 100+51.1, 5.9' LT.	21.1'
STA. 109+95.9, 2.1' LT. TO STA. 109+99.8, 2.0' LT.	4.0'
STA. 110+67.2, 5.2' LT. TO STA. 111+07.8, 4.6' LT.	40.9'
STA. 112+12.8, 0.1' LT TO STA. 112+20.8, 0.1' RT.	8.0'
STA. 115+66.5, 13.0' LT. TO STA. 116+52.2, 13.0' LT.	85.7'
STA. 123+10.8, 8.5' LT. TO STA. 124+34.9, 9.9' LT.	124.2'
STA. 127+90.6, 23.0' LT. TO STA. 132+94.1, 10.9' LT.	502.5'

VERTICAL CURB TYPE 1 - CIRCULAR ITEM 609.12		
LOCATION	LENGTH	REMARK
STA. 105+46.4, 11.9' LT. TO STA. 105+47.3, 13.7' LT.	2.0'	R=20'
STA. 105+85.7, 14.2' LT. TO STA. 105+86.5, 12.4' LT.	2.0'	R=20'
STA. 108+29.7, 12.2' LT. TO STA. 108+30.1, 14.1' LT.	2.0'	R=15'
STA. 108+69.7, 12.4' LT. TO STA. 108+71.7, 15.3' LT.	2.5'	R=10'
STA. 112+47.9, 9.5' LT. TO STA. 112+50.6, 13.7' LT.	5.0'	R=20'

TERMINAL CURB TYPE 1 - ITEM 609.23	
LOCATION	LENGTH
STA. 113+23.2, 29.6' LT. TO STA. 113+26.0, 26.8' LT.	4 LF
STA. 117+94.3, 32.7' LT. TO STA. 117+97.6, 35.0' LT.	4 LF
STA. 118+02.8, 38.9' LT. TO STA. 118+05.9, 41.5' LT.	4 LF
STA. 127+28.8, 18.4' LT. TO STA. 127+29.6, 22.3' LT.	4 LF
STA. 133+15.9, 19.1' LT. TO STA. 133+19.4, 21.0' LT.	4 LF
STA. 105+28.6, 2.8' LT. TO STA. 105+36.6, 2.8' LT.	8 LF
STA. 108+10.3, 2.8' LT. TO STA. 108+18.3, 2.9' LT.	8 LF
STA. 109+99.8, 2.0' LT. TO STA. 110+07.8, 1.9' LT.	8 LF
STA. 112+20.8, 0.1' RT. TO STA. 112+28.8, 0.3' LT.	8 LF
STA. 112+53.1, 31.4' LT. TO STA. 112+53.1, 39.4' LT.	8 LF
STA. 115+07.5, 12.4' LT. TO STA. 115+15.5, 13.3' LT.	8 LF
STA. 115+58.5, 13.0' LT. TO STA. 115+66.5, 13.0' LT.	8 LF
STA. 127+83.7, 27.0' LT. TO STA. 127+90.6, 23.0' LT.	8 LF
STA. 132+94.1, 10.9' LT. TO STA. 133+01.8, 13.1' LT.	8 LF
STA. 110+38.0, 2.0' LT. TO STA. 110+50.0, 1.6' LT.	12 LF
STA. 116+52.2, 13.0' LT. TO STA. 116+64.2, 13.0' LT.	12 LF
STA. 105+94.5, 3.4' LT. TO STA. 106+09.5, 3.3' LT.	15 LF
STA. 108+73.2, 2.9' LT. TO STA. 108+88.3, 2.8' LT.	15 LF

TERMINAL CURB TYPE 1 - CIRCULAR ITEM 609.232		
LOCATION	LENGTH	REMARK
STA. 105+44.2, 8.6' LT. TO STA. 105+46.4, 11.9' LT.	4 LF	R=20'
STA. 105+86.5, 12.4' LT. TO STA. 105+88.6, 9.0' LT.	4 LF	R=20'
STA. 108+28.1, 8.5' LT. TO STA. 108+29.7, 12.2' LT.	4 LF	R=15'
STA. 108+68.9, 8.5' LT. TO STA. 108+69.7, 12.4' LT.	4 LF	R=10'
STA. 115+28.2, 19.2' LT. TO STA. 115+30.8, 22.2' LT.	4 LF	R=20'
STA. 116+92.2, 22.0' LT. TO STA. 116+95.1, 19.3' LT.	4 LF	R=30'
STA. 117+01.9, 15.1' LT. TO STA. 117+05.7, 13.9' LT.	4 LF	R=35'
STA. 101+45.3, 27.1' LT. TO STA. 101+49.4, 20.2' LT.	8 LF	R=40'
STA. 113+34.6, 19.6' LT. TO STA. 113+41.6, 15.7' LT.	8 LF	R=50'
STA. 112+50.6, 13.7' LT. TO STA. 112+52.9, 25.4' LT.	12 LF	R=27.5'
STA. 101+54.8, 14.2' LT. TO STA. 101+67.4, 6.1' LT., R=40'	15 LF	R=40.0'
STA. 112+35.1, 2.1' LT. TO STA. 112+47.9, 9.5' LT., R=27.5'	15 LF	R=27.5'

ITEM 609.31 CURB TYPE 3, MOLD 1	
LOCATION	LENGTH
STA. 100+56.7, 3.2' LT. TO STA. 100+71.1, 13.1' LT.	40.2'
STA. 100+74.9, 23.0' LT. TO STA. 100+76.4, 46.5' LT.	57.2'
STA. 101+00.4, 13.8' LT. TO STA. 101+10.9, 13.9' LT.	30.3'
STA. 101+02.8, 25.8' LT. TO STA. 101+12.4, 26.0' LT.	22.8'
STA. 112+80.0, 25.6' LT. TO STA. 112+90.8, 25.1' LT.	10.8'
STA. 112+80.3, 31.7' LT. TO STA. 112+90.6, 31.1' LT.	10.8'
STA. 134+04.0, 13.1' LT. TO STA. 135+11.3, 8.0' LT.	108.6
STA. 135+84.5, 8.0' LT. TO STA. 136+81.9, 10.5' LT.	97.6

ITEM 609.31 CURB TYPE 3, MOLD 2	
LOCATION	LENGTH
STA. 110+11.3, 7.3' LT. TO STA. 110+12.4, 11.3' LT.	4.0'

CURB TYPE 5 - ITEM 609.34	
LOCATION	LENGTH
STA. 127+55.4, 60.6' LT. TO STA. 127+75.9, 32.8' LT.	34.8'

ITEM 606.79, GUARDRAIL 350 FLARED TERMINAL
LOCATION
STA. 117+59.9, 18.4' LT. TO STA. 117+92.9, 35.3' LT.

ITEM 606.265 TERMINAL END - SGL RAIL - GALV STEEL
LOCATION
STA. 118+04.0, 40.9' LT.
STA. 129+53.2, 23.3' LT.
STA. 118+17.5, 10.5' LT.
STA. 118+40.0, 19.5' LT.

ITEM 606.48 SINGLE GALVANIZED STEEL POST	
LOCATION	QUANTITY
STA. 118+17.5, 10.5' LT. TO STA. 118+40.0, 19.5' LT.	4 EACH

ITEM 606.353 REFL FLEXIBLE GUARDRAIL MARKER	
LOCATION	QUANTITY
STA. 117+92.9 LT.	2 EACH
STA. 118+04 LT.	2 EACH
STA. 118+17.5 LT.	2 EACH
STA. 118+40.0 LT.	2 EACH
STA. 129+53.2 LT.	2 EACH

ITEM 606.1301 - 31 INCH W-BM GR, MID-WAY SPLICE SINGLE FACE	
LOCATION	LENGTH
STA. 129+53.2, 23.3' LT. TO STA. 132+37.5, 11.0' LT.	287.5'

ITEM 606.1304 - 31 INCH W-BM GR, MID-WAY SPLICE - OVER 15' RADIUS		
LOCATION	LENGTH	RADIUS
STA. 118+17.5, 10.5' LT. TO STA. 118+40.0, 19.5' LT.	25'	50'

ITEM 606.1305 - 31 INCH W-BM GR, MIDWAY SPLICE FLARED TERMINAL
LOCATION
STA. 132+37.5, 11.0' LT. TO STA. 132+75.0, 15.5' LT.

ITEM 607.22 CEDAR FENCE	
LOCATION	LENGTH
STA. 117+24.5, 25.8' LT. TO STA. 117+91.5, 47.9' LT.	72 LF

ITEM 607.24 - REMOVE AND RESET FENCE	
LOCATION	LENGTH
STA. 115+63.0, 20.0' LT. TO STA. 116+59.0, 20.0' LT	96 LF

DETECTABLE WARNING FIELD (ITEM 608.26)	
LOCATION	AREA (SF)
STA. 100+71.8	10
STA. 101+52.3	15
STA. 112+31.7	11
STA. 112+53.0	11
STA. 113+30.2	22
STA. 118+00.2	10
STA. 118+32.2	10
STA. 127+29.1	12
STA. 127+79.8	16
STA. 133+08.8	28
STA. 134+01.4	16

PLAIN RIPRAP - ITEM 610.08
LOCATION
STA. 119+38 LT.
STA. 122+40 LT.
STA. 124+64.5 LT.
STA. 129+50 LT.
STA. 129+77.5 LT.
STA. 134+20.5 LT.

HAND LAID RIPRAP - ITEM 610.09
LOCATION
STA. 129+50.0 LT
STA. 129+77.5 LT.

EROSION CONTROL BLANKET ITEM 613.319
STA. 134+15 LT. TO STA. 135+10 LT.
STA. 135+90 LT. TO STA. 136+80 LT.

DEMOUNT AND REINSTALL SIGN			
STATION	OFFSET	DESCR.	QUANTITY
119+00	25.5' LT.	GUIDE	1
124+89	21.5' LT.	GUIDE	1
127+99.5	31.0' LT.	GUIDE	1
101+08	25' LT.	R4-7	1
113+52.5	22' LT.	STREET	1
114+10	20' LT.	ROUTE ASSEMBLY	6
128+25	24.5' LT.	NO LEFT	1
128+75	24.5' LT.	HEIGHT	1
128+25	24.5' LT.	ROUTE ASSEMBLY	8

ITEM 645.292 - REG WRN CONF RTE SIGNS TYPE II			
STATION	OFFSET	DESCR.	SIZE
118+66+/-	115' +/- LT.	W11-2	30"X30"
118+66+/-	115' +/- LT.	AHD	24"X12"
128+25	24.5' LT.	M6-1(GRN)	21"X15"
128+25	24.5' LT.	M6-1(BLUE)	21"X15"

PAVED WALKS
LOCATION
STA. 101+00.4 LT. TO STA. 101+12.2 LT.
STA. 101+42.2 LT. TO STA. 105+44.2 LT.
STA. 105+88.7 LT. TO STA. 108+28.1 LT.
STA. 108+69.1 LT. TO STA. 110+11.3 LT.
STA. 110+36.8 LT. TO STA. 112+55.1 LT.
STA. 112+80.0 LT. TO STA. 112+90.8 LT.
STA. 113+26.3 LT. TO STA. 115+28.2 LT.
STA. 115+54.9 LT. TO STA. 116+66.1 LT.
STA. 116+95.1 LT. TO STA. 118+02.7 LT.
STA. 118+29.0 LT. TO STA. 127+30.1 LT.
STA. 127+75.9 LT. TO STA. 133+15.9 LT.
STA. 133+98.0 LT. TO STA. 135+19.4 LT.
STA. 135+75.7 LT. TO STA. 136+81.8 LT.

DRIVEWAYS AND ENTRANCES		
LOCATION	DESCRIPTION	CURB OPENING
STA. 105+66.9 LT.	EXISTING DRIVE	57.8'
STA. 108+48.5 LT.	EXISTING DRIVE	54.8'
STA. 110+24.0 LT.	23.9' PAVED DR.	30.1'
STA. 115+42.2 LT.	EXISTING DRIVE	42.9'
STA. 116+79.1 LT.	26' PAVED DR.	37.8'
STA 133+58.7 LT.	EXISTING DRIVE	85.2'
STA. 135+47.6	EXISTING DRIVE	73.3'

ITEM 606.178 GUARDRAIL BEAM		
LOCATION	LENGTH	RADIUS
STA. 118+17.5, 10.5' LT. TO STA. 118+40.0, 19.5' LT.	25'	50'

(FOR NESTING OF GUARDRAIL)

ITEM 645.271 - REG WRN CONF RTE SIGNS TYPE I				
STATION	OFFSET	DESCR.	SIZE	QUANTITY
100+67.0	20.8' LT.	W11-2	30"X30"	2
100+67.0	20.8' LT.	W16-7P	24"X12"	2
101+52.0	25' LT	W11-2	30"X30"	2
101+52.0	25' LT	W16-7P	24"X12"	2
112+44.6	27.9' LT	W11-2	30"X30"	2
112+44.6	27.9' LT	W16-7P	24"X12"	2
113+27.5	29.5' LT.	W11-2	30"X30"	2
113+27.5	29.5' LT.	W16-7P	24"X12"	2
117+96.5	44' LT.	W11-2	30"X30"	1
117+96.5	44' LT.	W16-7P	24"X12"	1
118+36.0	20.2' LT.	W11-2	30"X30"	1
118+36.0	20.2' LT.	W16-7P	24"X12"	1
127+25.0	29.0' LT	W11-2	30"X30"	1
127+25.0	29.0' LT	W16-7P	24"X12"	1
127+79.0	39.5' LT.	W11-2	30"X30"	1
127+79.0	39.5' LT.	W16-7P	24"X12"	1
100+67.0	20.8' LT.	R10-3E	9"X15"	1
101+52.0	25.0' LT.	R10-3E	9"X15"	1
112+44.6	27.9' LT.	R10-3E	9"X15"	1
113+27.5	29.5' LT.	R10-3E	9"X15"	1
117+96.5	44.0' LT.	R10-3E	9"X15"	1
118+36.0	20.2' LT.	R10-3E	9"X15"	1
127+14	MASTARM	R3-5R	30"X36"	1
127+25.0	29.0' LT.	R10-3E	9"X15"	1
127+79.0	39.5' LT.	R10-3E	9"X15"	1

ITEM 645.512 - LED BLANK-OUT SIGN				
STATION	OFFSET	DESCR.	SIZE	QUANTITY
127+14	MASTARM	R10-11	36"X48"	1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON No 7960 · LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

PROJ. MANAGER	A. CORNEAU, II	BY	DATE
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG		11-19
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
CIVIC CENTER DRIVE

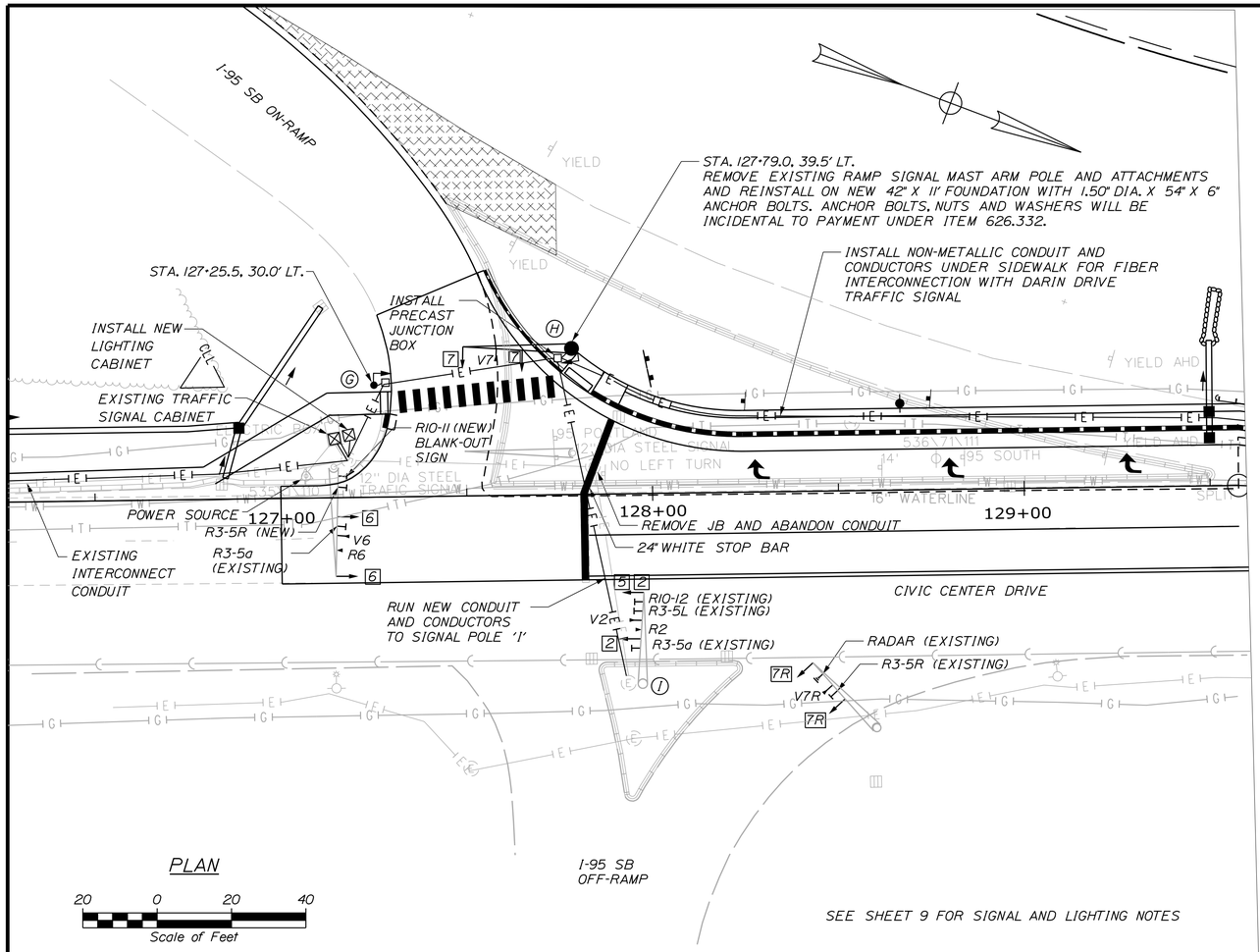
CONSTRUCTION NOTES

SHEET NUMBER

6

OF 52

Filename: ...\006_CONSTRUCTION NOTES.dgn Division: HIGHWAY Username: common Date:12/2/2019



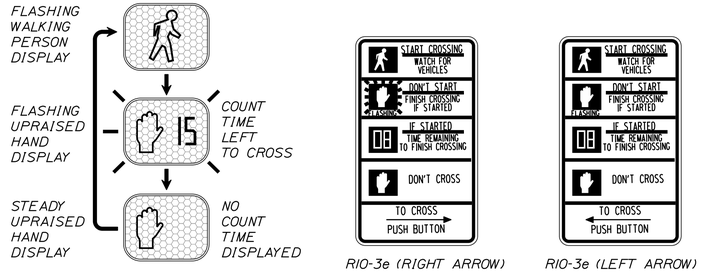
PLAN

20 0 20 40

Scale of Feet

SEE SHEET 9 FOR SIGNAL AND LIGHTING NOTES

COUNTDOWN PEDESTRIAN SIGNAL DETAIL



RIO-3e (RIGHT ARROW) 5 REQUIRED

RIO-3e (LEFT ARROW) 3 REQUIRED

OVERHEAD SIGNS DETAIL

R3-5L (3 EXISTING) 30" X 36"

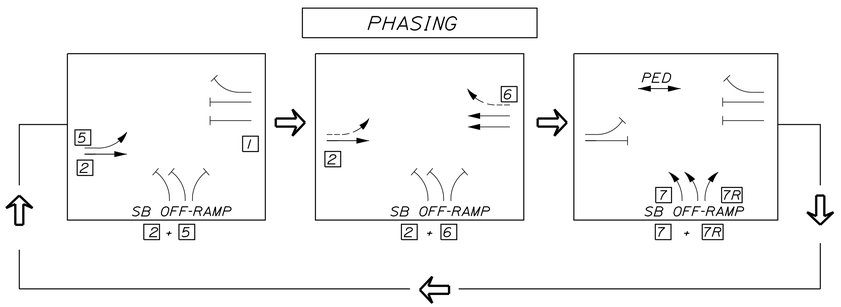
R3-5R 1 NEW REQUIRED (1 EXISTING) 30" X 36"

R3-5a (2 EXISTING) 30" X 36"

RIO-I2 (1 EXISTING) 30" X 36"

RIO-II 1 NEW REQUIRED 36" X 48" LED BLANK-OUT SIGN ITEM 645.512 (SEE SPECIAL PROVISIONS)

PHASING



DETECTION OF MOVEMENT 7R SHALL BE SET FOR 5 SEC DELAY

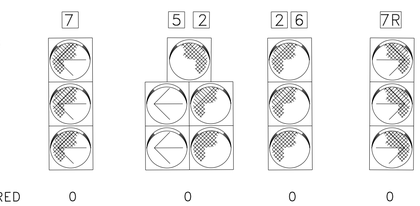
NOTE: RIO-II BLANK-OUT SIGN SHALL BE ACTIVATED FOR SOUTHBOUND RIGHT TURNS COINCIDENT WITH PEDESTRIAN SIGNAL ACTIVATIONS IN PHASE 7 AND WITH NORTHBOUND LEFT TURN PHASE 5.

SIGNAL TIMING SCHEDULE (FREE PLAN)

PHASE	1	2	3	4	5	6	7	8
MIN. INITIAL	-	12	-	-	4	12	6	-
VEH. EXT.	-	3.0	-	-	3.0	3.0	3.0	-
MAX. GREEN	-	75	-	-	20	45	25	-
YELLOW	-	3.5	-	-	3.5	3.5	3.5	-
ALL RED	-	2.0	-	-	1.5	2.0	2.0	-
PED. WALK	-	-	-	-	-	-	4.0	-
PED. CLEAR	-	-	-	-	-	-	11.0	-
FLASH	-	Y	-	-	R	Y	R	-
RECALL	-	SOFT	-	-	-	SOFT	-	-

* EXISTING COORDINATION PLANS AND SCHEDULES SHALL BE MAINTAINED EXCEPT AS NOTED

SIGNAL HEAD DETAIL



NO.REQUIRED	0	0	0	0

1. ALL EXISTING SIGNAL ASSEMBLIES, VIDEO DETECTION AND PREEMPTION EQUIPMENT SHALL REMAIN.
2. INSTALL 2" MINIMUM WIDTH YELLOW RETROREFLECTIVE TAPE AROUND DISPLAY FACE ON BACKPLATES OF ALL SIGNAL ASSEMBLIES AT THIS INTERSECTION.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

ALBERT I. GOSSELIN 4226 REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

4226

P.E. NUMBER

11/11/19

DATE

		BY	DATE
PROJ. MANAGER	A. GORNEAU, II		
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG	ALG	11-19
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
CIVIC CENTER DRIVE

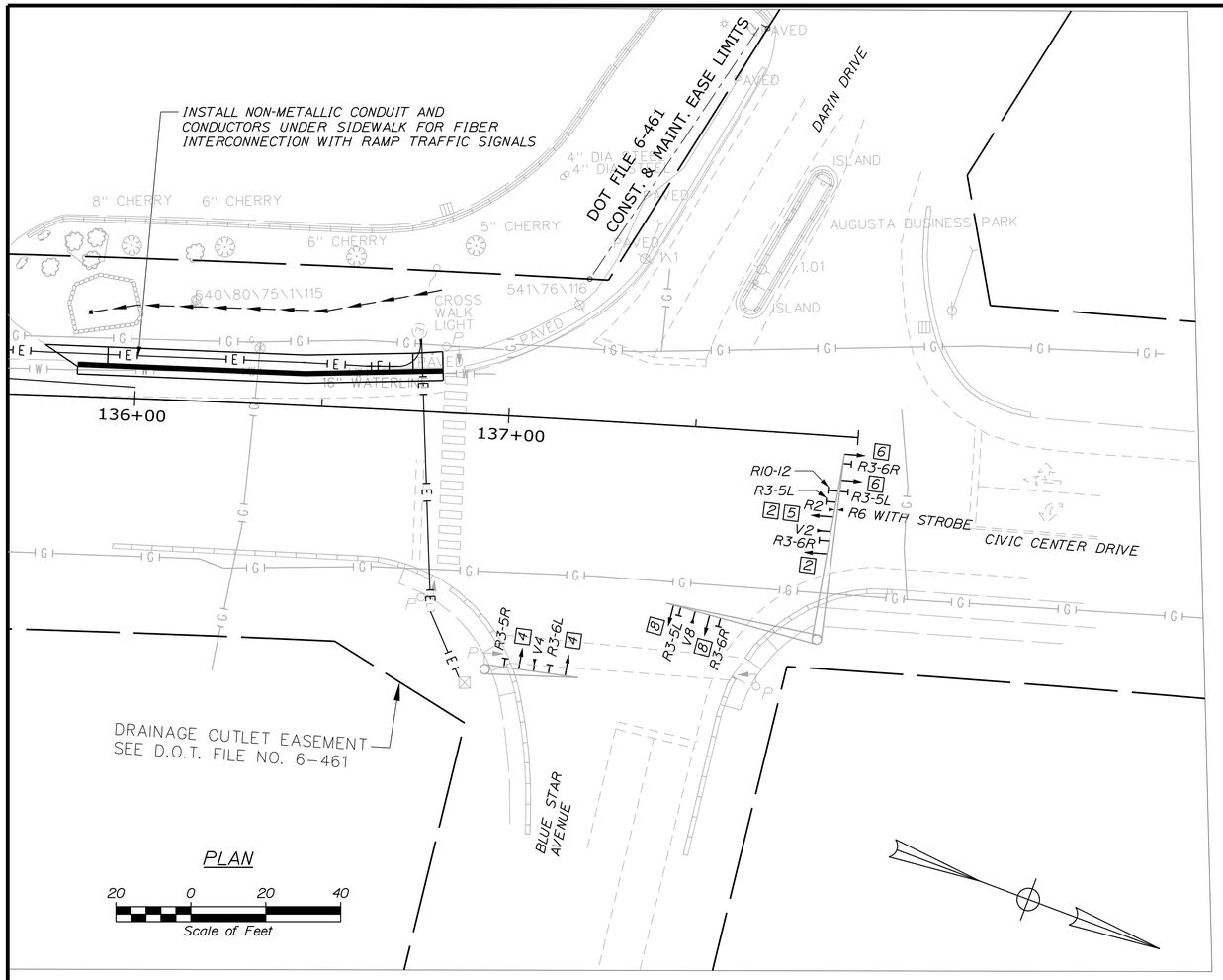
SIGNAL PLAN

SHEET NUMBER

7

OF 52

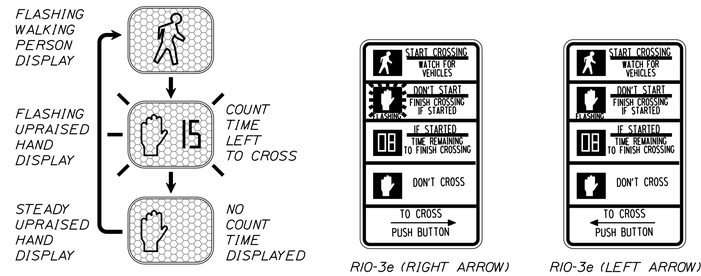
Filename: ...\007_Signal_Plan_01.dgn Division: HIGHWAY Username: common Date:12/2/2019



DARIN DRIVE TRAFFIC SIGNALS AND GENERAL SIGNALIZATION NOTES

1. EXISTING DARIN DRIVE VEHICULAR AND PEDESTRIAN SIGNALS, CONTROLLER CABINET, CONTROLLER AND OTHER TRAFFIC SIGNAL HARDWARE ARE TO REMAIN, EXCEPT AS NOTED.
2. FIBER OPTIC CABLE FOR INTERCONNECTION OF TRAFFIC SIGNALS BETWEEN DARIN DRIVE AND THE I-95 SOUTHBOUND RAMPS SHALL CONSIST OF A MINIMUM OF 12 SINGLE MODE FIBERS.
3. ALL FIBER CONNECTIONS SHALL BE FUSION SPLICED. NO MECHANICAL SPLICES WILL BE ALLOWED.
4. FIBER CABLING AND CONNECTIONS SHALL BE COORDINATED THROUGH MAINEDOT AND THE CITY OF AUGUSTA'S INFORMATION SYSTEMS BUREAU.
5. COORDINATION CYCLE LENGTH = 110 SECONDS. COORDINATED PHASE SHALL BE SAME AS AT OTHER CIVIC CENTER DRIVE SYSTEM SIGNALS.
6. DARIN DRIVE SIGNAL OFFSET FROM MASTER SHALL BE 48 SECONDS. OFFSET REFERENCE IS END OF GREEN OF COORDINATED PHASE.
7. FIELD ADJUST DARIN DRIVE SPLIT TIMES IF REQUIRED FOR COORDINATION.
8. OTHER EXISTING TIMING AND COORDINATION OF SIGNALS ON THIS PROJECT SHALL REMAIN THE SAME AS EXISTING EXCEPT AS NOTED.

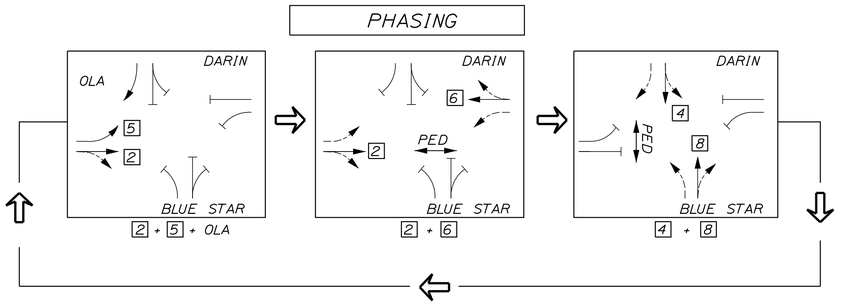
COUNTDOWN PEDESTRIAN SIGNAL DETAIL



OVERHEAD SIGNS DETAIL

RI0-12 (1 EXISTING) 30" X 36"
R3-5L (3 EXISTING) 30" X 36"
R3-5R (1 EXISTING) 30" X 36"
R3-6L (1 EXISTING) 30" X 36"
R3-6 (3 EXISTING) 30" X 36"

PHASING

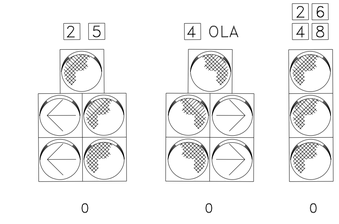


DETECTION OF MOVEMENT 5 SHALL BE SET FOR 5 SEC DELAY

SIGNAL TIMING SCHEDULE (FREE PLAN)

PHASE	1	2	3	4	5	6	7	8
MIN. INITIAL	-	10	-	5	5	10	-	5
VEH. EXT.	-	0.5	-	3.0	3.0	0.5	-	3.0
MAX. GREEN	-	34	-	12	6	34	-	12
YELLOW	-	4.0	-	4.0	4.0	4.0	-	4.0
ALL RED	-	2.0	-	2.0	2.0	2.0	-	2.0
PED. WALK	-	4	-	4	-	-	-	-
PED. CLEAR	-	18	-	16	-	-	-	-
FLASH	-	Y	-	R	R	Y	-	R
RECALL	-	SOFT	-	OFF	OFF	SOFT	-	OFF

SIGNAL HEAD DETAIL



NO.REQUIRED 0 0 0

1. ALL EXISTING ASSEMBLIES, DETECTION AND PREEMPTION EQUIPMENT SHALL REMAIN.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

ALBERT L. GODFREY JR. 11/11/19 PROFESSIONAL ENGINEER STATE OF MAINE

PROJ. MANAGER	A. GORNEAU, II	BY	DATE
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG	ALG	11-19
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER
11/11/19
DATE

AUGUSTA
CIVIC CENTER DRIVE

SIGNAL PLAN

SHEET NUMBER
8
OF 52

Filename: ...\008_Signal_Plan_02.dgn Division: HIGHWAY Username: common Date:12/2/2019

Filename: ...\009_Signal_Notes_01.dgn Division: HIGHWAY Username: common Date:12/2/2019

I-95 SOUTHBOUND ON-RAMP TRAFFIC SIGNALS AND LIGHTING NOTES

1. EXISTING VEHICULAR TRAFFIC SIGNALS, CONTROLLER CABINETS, CONTROLLERS AND OTHER TRAFFIC SIGNAL HARDWARE ON THIS PROJECT ARE TO REMAIN, EXCEPT AS NOTED.

2. ALL TRAFFIC SIGNAL AND LIGHTING WORK ON THIS PROJECT AT THIS INTERSECTION AND OTHER LOCATIONS SHALL BE COMPLETED IN CONFORMANCE WITH THE LATEST REVISIONS OF THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, MAINEDOT SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR THIS CONTRACT, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE NATIONAL ELECTRICAL CODE, AND ANY REQUIREMENTS OF THE POWER COMPANY.

3. LOCATIONS OF ANY EXISTING UNDERGROUND UTILITIES SHOWN ON PLANS FOR THIS PROJECT ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE PRESENCE OF UNDERGROUND UTILITY FACILITIES PRIOR TO COMMENCING ANY EXCAVATION WORK OR INSTALLATION OF POLES, FOUNDATIONS, CONDUIT, JUNCTION BOXES OR OTHER WORK INVOLVING SUBSURFACE DISTURBANCE AND SHALL NOTIFY UTILITIES OF PROPOSED WORK IN ACCORDANCE WITH MRSA TITLE 23 SECTION 3360-A, MAINE "DIG SAFE" SYSTEM. CONTRACTOR SHALL CONTACT DIG SAFE AT LEAST THREE WORKING DAYS PRIOR TO THE BEGINNING OF EXCAVATION. ALL UTILITIES SHALL BE LOCATED BEFORE BEGINNING EXCAVATION.

4. THE BOTTOM OF RELOCATED SIGNAL ASSEMBLIES AND BACKPLATES SHALL HAVE AT LEAST 17 FEET OF VERTICAL CLEARANCE ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY. THE BOTTOM OF THE GREEN LED SIGNAL DISPLAY OF EACH ASSEMBLY SHALL BE NO MORE THAN 19 FEET ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.

5. CONDUIT UNDER PAVEMENT ON THIS PROJECT SHALL BE 3 INCH MINIMUM SCHEDULE 80 PVC AND SHALL BE INSTALLED BY DIRECTIONAL BORING. MINIMUM BURIAL DEPTH FOR CONDUIT SHALL BE 36". TOP 3 INCHES OF CONDUIT SHALL BE SEALED TO PREVENT ENTRY BY RODENTS.

6. THERE SHALL BE NO SPLICES OR JUNCTION BOXES AT ANY LOCATION ON THIS PROJECT EXCEPT AS NOTED ON THE PROJECT PLANS OR APPROVED BY THE RESIDENT. JUNCTION BOXES ARE INTENDED FOR WIRE PULLING ACCESS ONLY.

7. ALL NEW JUNCTION BOX COVERS FOR THIS PROJECT SHALL BE LABELED "TRAFFIC" AND SHALL BE GROUNDED.

8. FOUNDATION LOCATIONS SPECIFIED FOR THIS PROJECT ARE MEASURED TO THE CENTER OF THE FOUNDATIONS. SPECIFIED LOCATIONS FOR THE CONTROLLERS ARE MEASURED TO THE CENTER OF THE CONTROLLER FOUNDATIONS.

9. THE BID QUANTITY FOR ITEM 626.332 AND MAST ARM POLE FOUNDATION SIZE NOTED ON THE PLAN ARE BASED ON EVALUATION OF BENDING MOMENT AND TORSION REACTIONS AT THE TOP OF THE FOUNDATION IN ACCORDANCE WITH THE CURRENT EDITION OF THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" WITH A BASIC WIND SPEED OF 115 MPH FOR A 700-YEAR MEAN RECURRENCE INTERVAL AND SOIL UNDRAINED SHEAR STRENGTH S_u VALUE OF 600 PSF. SOIL S_u VALUE IS FROM DATA OBTAINED FOR PREVIOUS PROJECT WIN 20568.00.

10. IF STRUCTURAL ROCK IS ENCOUNTERED DURING INSTALLATION OF FOUNDATIONS, PAYMENT FOR EXCAVATION AND DOWELING REINFORCING INTO ROCK SHALL BE CONSIDERED INCIDENTAL TO THE FOUNDATION ITEM.

11. MAST ARM POLE FOUNDATION 'H' SHALL HAVE ONE OR MORE GROUND RODS LOCATED IN OR ADJACENT TO THE FOUNDATION THAT ARE BONDED TO THE GROUNDING CONDUCTOR.

12. STA. 127+25.0, 29.0' LT. POLE 'G':
INSTALL 10' PEDESTAL POLE ON 24" DIAMETER FOUNDATION (POLE 'G'). INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9"X15" R10-3E SIGN ON PEDESTAL POLE. INSTALL 30"X30" W11-2 CROSSWALK SIGN WITH 24"X12" W16-7P ARROW (1 EACH) MOUNTED ON APPROACH SIDE OF PEDESTAL POLE.

13. STA. 127+79.0, 39.5' LT. POLE "H':
INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9"X15" R10-3E SIGN ON RELOCATED MAST ARM POLE (POLE 'H'). INSTALL 30"X30" W11-2 CROSSWALK SIGN WITH 24"X12" W16-7P ARROW (1 EACH) MOUNTED ON APPROACH SIDE OF MAST ARM POLE.

14. STA. 127+97.0, 51.5' RT. POLE 'I':
EXISTING MAST ARM POLE 'I' FOR CIVIC CENTER DRIVE NORTHBOUND TRAFFIC IS TO REMAIN. EXISTING CONDUIT FOR POWER AND COMMUNICATIONS TO POLE 'I' WILL BE ABANDONED.

15. INSTALL NEW NON-METALLIC CONDUIT BETWEEN POLES 'G', 'H' AND 'I' AND EXISTING TRAFFIC SIGNAL CABINET, THROUGH TWO NEW AND TWO EXISTING JUNCTION BOXES AS SHOWN ON PLAN. FOR POWER AND COMMUNICATIONS WIRING FOR POLES 'G', 'H' AND 'I'.

16. ALL POWER WIRING FOR TRAFFIC SIGNALS, PEDESTRIAN SIGNALS AND CROSSWALK LIGHTING SHALL BE STRANDED COPPER XHHW-2 WIRE, NO. 8 AWG OR LARGER. NEW CONDUIT UNDER ROADWAYS SHALL BE SCHEDULE 80 CONDUIT INSTALLED BY DIRECTIONAL DRILLING.

17. MODIFY TRAFFIC SIGNAL CONTROLLER TO ADD PEDESTRIAN TIMING FOR THE I-95 SOUTHBOUND ON-RAMP CROSSWALK TO VEHICULAR PHASE 7 I-95 SOUTHBOUND OFF-RAMP. WALK TIMING = 4.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 11.0 SECONDS.

18. OTHER EXISTING TIMING AND COORDINATION SHALL REMAIN EXCEPT AS NOTED.

19. INSTALL NEW LUMINAIRE FOR I-95 SOUTHBOUND ON-RAMP CROSSWALK LIGHTING ON THE RELOCATED TRAFFIC SIGNAL MAST ARM POLE.

20. ATTACH 1.5" NOMINAL DIAMETER SCHEDULE 40 GALVANIZED STEEL PIPE RISER TO TOP OF TRAFFIC SIGNAL MAST ARM POLE 'H' COLUMN FOR POWER FEED AND SUPPORT OF NEW LUMINAIRE. RISER SHALL HAVE A 90 DEGREE ELBOW FITTING AT THE TOP WITH A MINIMAL LENGTH HORIZONTAL TENON OF 1.5" SCHEDULE 40 GALVANIZED STEEL PIPE FOR ATTACHMENT OF THE LUMINAIRE. ORIENT LUMINAIRE TO BE ALIGNED WITH RAMP CROSSWALK.

21. LUMINAIRE SHALL BE AMERICAN ELECTRIC 'AUTOBAHN' SERIES ATB0, CATALOG NUMBER ATB0 30BLEDE70 X R3 4K. VERIFY SERVICE VOLTAGE BEFORE ORDERING. LIGHTING FIXTURE SHALL BE GASKETED AND SHALL HAVE SURGE PROTECTION AND A DOUBLE FUSE KIT. FIXTURE SHALL BE GRAY.

22. MOUNT LUMINAIRE ON A STEEL PIPE RISER AT A MOUNTING HEIGHT OF 24' ABOVE ROADWAY SURFACE GRADE. WIRE LIGHTING THROUGH NEW CONDUITS TO THE EXISTING JUNCTION BOX AT STA. 127+19, 10' LT. AND TO THE LIGHTING CONTROL CABINET.

23. INSTALL A LOCKABLE NEMA 3R LIGHTING CONTROL CABINET ON A 6"X6" PRESSURE-TREATED WOOD POST AT STA. 127+18, 16' LT. THE LIGHTING CIRCUIT FOR THE LUMINAIRE SHALL BE PHOTOCELL ACTIVATED BY A PHOTOCELL ON THE LIGHTING CONTROL CABINET.

24. AN EXTERNAL, STANDALONE BREAKER TO DISCONNECT POWER TO THE NEW LIGHTING CONTROL CABINET SHALL BE INSTALLED IN A LOCKABLE NEMA 3R ENCLOSURE BETWEEN THE METER AND THE CABINET.

25. THE CONTROL CABINET AND THE POWER DISCONNECT ENCLOSURE EACH SHALL BE MARKED WITH ARC HAZARD TYPE 2, 3 OR 4 AND THE APPROPRIATE PPE REQUIRED. SEE SECTION 643.09 FOR OTHER REQUIREMENTS.

26. NO SEPARATE PAYMENT WILL BE MADE FOR DEMOUNTING AND REINSTALLING OVERHEAD LANE USE SIGNING ON MAST ARM POLE 'H'.

27. AT THE TIME OF FINAL PROJECT INSPECTION, THE CONTRACTOR SHALL FURNISH TO THE RESIDENT THREE COMPLETE SETS OF AS-BUILT TRAFFIC SIGNAL MODIFICATION PLANS, WIRING DIAGRAMS, BOX PRINTS AND EQUIPMENT MANUALS. TWO SETS SHALL REMAIN IN THE TRAFFIC SIGNAL CABINET.

28. ALL NEW PEDESTRIAN SIGNAL HOUSINGS INSTALLED ON THIS PROJECT SHALL BE MCCAIN MODEL MTSTA OR MTSTP SERIES OR THE LATEST COMPATIBLE VERSION. HOUSINGS SHALL BE BLACK.

29. ALL NEW LED COUNTDOWN MODULES FOR PEDESTRIAN INDICATIONS ON THIS PROJECT SHALL BE GELCORE MODEL PS7-CFC9-0IA SERIES OR THE LATEST COMPATIBLE VERSION.

30. ALL NEW ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSHBUTTONS SHALL BE CAMPBELL COMPANY MODEL IQ-57-VT OR THE LASTEST COMPATIBLE VERSION.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — ALBERT I. GOSSELIN — 4226 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE
4226
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. CORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

SIGNAL NOTES

SHEET NUMBER
9
OF 52

Filename: ...\010_HDPlan_01.dgn Division: HIGHWAY Username: common Date:12/2/2019

CURVE DATA #1
PI = 101+43.48
D = 2°17'30.6"
Δ = 2°36'16.0" Lt.
R = 2500.00'
L = 113.64'
T = 56.83'
E = 0.65'

C.N. BROWN COMPANY

P.L.

LIMIT LINE

20' UTILITY EASE.

DEMOUNT AND REINSTALL SIGN

REMOVE EXISTING STOP BAR MARKINGS ADN RELOCATE 24" WHITE STOP BAR

REMOVE BACK SECTION OF GRANITE CURB AND EXTEND ISLAND TO 11' OFF EDGE OF PAVEMENT.

CONST. LIMIT LINE

SAWCUT LINE

STA 100+42
BEGIN PROJECT WIN 19402.00

TO DOWNTOWN AUGUSTA

100+00

N1°45'22.5"E

RESURFACE BITUMINOUS ISLANDS AND PARKING LOT. GRADE TO DRAIN.

LOCATE EXISTING JB & ADJUST TO GRADE

SIDEWALK PROFILE CONTROL LINE

CONST. & MAINT. EASE. LIMIT LINE

PC 100+86.65

COMMUNITY DRIVE

SAWCUT AND RECONSTRUCT TYPE 3 CURB TO MATCH EXISTING REVEAL. PLACE 4" LOAM AND SEED AS NECESSARY TO MATCH EXISTING RAISED ISLAND.

10' UTILITY EASEMENT

PT 102+00.29

PC 102+33.17

CIVIC CENTER PLACE CONDOMINIUM ASSOCIATION

8' TERMINAL END

DWF

CURVE DATA #2
PI = 104+51.12
D = 2°21'00.4"
Δ = 10°13'01.4" Lt.
R = 2438.00'
L = 434.75'
T = 217.95'
E = 9.72'

CONST. LIMIT LINE

SIDEWALK PROFILE CONTROL LINE

10' UTILITY EASEMENT

101+00

SAWCUT LINE

15' TERMINAL END

RELOCATE STREET SIGN

RESET JB

102+00 N0°50'53.5"W

2+00

CONSTRUCTION BASELINE

RESET JB

103+00

3+00

5.5' BITUMINOUS WALK

4+00

104+00

RETAIN

10' UTILITY EASEMENT

CONST. LIMIT LINE

RECONSTRUCT END OF EXISTING ISLAND.

NO. 6-59
IT LINE

CONST. LIMIT LINE

POWER SOURCE

521/82/80/6/1/93

TOWNSEND ROAD

CONST. LIMIT LINE
SEE SHC FILE NO. 6-59

ROUTES 8/11/27

CIVIC CENTER DRIVE

SAWCUT AND PLACE
20' R - 4' TERMINAL END
AND 2' CURB SECTION

RELOCATE JUNCTION BOX TO BACK OF SIDEWALK

RETAIN

CONST. LIMIT LINE

RETAIN

105+00

SAWCUT AND PLACE
8' TERMINAL END

SAWCUT LINE

106+00

SAWCUT AND PLACE
15' TERMINAL END

PARKING & MAINT. EASEM

TOWNSEND ROAD ASSOCIATES, LLC

COMMUNITY DRIVE (SOUTH) PEDESTRIAN SIGNALS AND LIGHTING NOTES

1. STA. 100+67.0, 20.8' LT. POLE 'A':
INSTALL 10' PEDESTAL POLE ON 24" DIAMETER FOUNDATION (POLE 'A'). INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9" X15" R10-3E SIGN ON PEDESTAL POLE. INSTALL 30" X30" W11-2 CROSSWALK SIGNS WITH 24" X12" W16-7P ARROWS (2 EACH) MOUNTED ON BOTH SIDES OF PEDESTAL POLE.

2. LOCATE AND ADJUST TO GRADE THE EXISTING TRAFFIC SIGNAL JUNCTION BOX APPROXIMATELY AT STA. 100+65, 9' LT. INSTALL NEW NON-METALLIC CONDUIT BETWEEN POLE 'A' AND JUNCTION BOX FOR POLE 'A' POWER AND COMMUNICATIONS WIRING.

3. STA. 101+52, 25' LT. POLE 'B':
INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9" X15" R10-3E SIGN ON EXISTING MAST ARM POLE (POLE 'B'). INSTALL 30" X30" W11-2 CROSSWALK SIGNS WITH 24" X12" W16-7P ARROWS (2 EACH) MOUNTED ON BOTH SIDES OF PEDESTAL POLE.

4. INSTALL OTHER WIRING FOR COMMUNITY DRIVE PEDESTRIAN SIGNALS AND CROSSWALK LIGHTING THROUGH EXISTING CONDUIT EXCEPT AS NOTED ON THIS PLAN. ALL POWER WIRING FOR PEDESTRIAN SIGNALS AND CROSSWALK LIGHTING SHALL BE STRANDED COPPER XHHW-2 WIRE, NO. 8 AWG OR LARGER. IF CONTRACTOR IS UNABLE TO INSTALL NEW WIRING IN EXISTING CONDUIT DUE TO EXISTING WIRE FILL OR CONDITION OF THE CONDUIT, NEW CONDUIT UNDER ROADWAYS SHALL BE SCHEDULE 80 CONDUIT INSTALLED BY DIRECTIONAL DRILLING.

5. MODIFY TRAFFIC SIGNAL CONTROLLER TO ADD PEDESTRIAN TIMING FOR THE COMMUNITY DRIVE CROSSWALK TO VEHICULAR PHASE 2 NORTHBOUND CIVIC CENTER DRIVE. WALK TIMING = 6.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 19.0 SECONDS.

6. INSTALL NEW LUMINAIRES FOR COMMUNITY DRIVE CROSSWALK LIGHTING ON EXISTING TRAFFIC SIGNAL MAST ARM POLES (ONE ON EACH POLE) ON NORTHWEST AND SOUTHWEST CORNERS OF COMMUNITY DRIVE.

7. ATTACH 1.5" NOMINAL DIAMETER SCHEDULE 40 GALVANIZED STEEL PIPE RISERS TO TOPS OF TRAFFIC SIGNAL MAST ARM POLE COLUMNS ON CORNERS OF COMMUNITY DRIVE FOR POWER FEED AND SUPPORT OF NEW LUMINAIRES. EACH RISER SHALL HAVE A 90 DEGREE ELBOW FITTING AT THE TOP WITH A MINIMAL LENGTH HORIZONTAL TENON OF 1.5" SCHEDULE 40 GALVANIZED STEEL PIPE FOR ATTACHMENT OF THE LUMINAIRE. ORIENT LUMINAIRES TOWARD COMMUNITY DRIVE.

8. LUMINAIRES SHALL BE AMERICAN ELECTRIC 'AUTOBAHN' SERIES ATB0, CATALOG NUMBER ATB0 20BLEDE70 X R3 4K. VERIFY SERVICE VOLTAGE BEFORE ORDERING. ALL LIGHTING FIXTURES SHALL BE GASKETED AND SHALL HAVE SURGE PROTECTION AND A DOUBLE FUSE KIT. FIXTURES SHALL BE GRAY.

9. MOUNT LUMINAIRES ON STEEL PIPE RISERS AT A MOUNTING HEIGHT OF 24' ABOVE ROADWAY SURFACE GRADE. WIRE LIGHTING THROUGH EXISTING CONDUITS TO THE EXISTING JUNCTION BOX AT STA. 101+70, 11' LT.

10. INSTALL A LOCKABLE NEMA 3R LIGHTING CONTROL CABINET ON A 6" X6" PRESSURE-TREATED WOOD POST AT STA. 101+70, 20' LT. THE LIGHTING CIRCUIT FOR LUMINAIRES SHALL BE PHOTOCELL ACTIVATED BY A PHOTOCELL ON THE LIGHTING CONTROL CABINET.

11. AN EXTERNAL, STANDALONE BREAKER TO DISCONNECT POWER TO THE NEW LIGHTING CONTROL CABINET SHALL BE INSTALLED IN A LOCKABLE NEMA 3R ENCLOSURE BETWEEN THE METER AND THE CABINET.

12. THE CONTROL CABINETS AND THE POWER DISCONNECT ENCLOSURE EACH SHALL BE MARKED WITH ARC HAZARD TYPE 2, 3 OR 4 AND THE APPROPRIATE PPE REQUIRED. SEE SECTION 643.09 FOR OTHER REQUIREMENTS.

13. THE WALK PHASE FOR THE COMMUNITY DRIVE (SOUTH) CROSSWALK SHALL BE COINCIDENT WITH THE NORTHBOUND CIVIC CENTER DRIVE THROUGH MOVEMENT (PHASE 2). WALK TIMING = 4.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 21.0 SECONDS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No. 7960 — REGISTERED PROFESSIONAL ENGINEER

	BY	DATE
A. CORNEAU, II		
PROJ. MANAGER	JLE	11-19
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

AUGUSTA
CIVIC CENTER DRIVE

PLANS

SHEET NUMBER
10
OF 52

REALTY INCOME PROPERTIES 28, LLC

MAINE AUTOMOBILE DEALERS ASSOCIATION, INC.

MAINE MUNICIPAL BOND BANK

TOWNSEND ROAD ASSOCIATES, LLC

CURVE DATA #2
PI = 104+51.12
D = 2°21'00.4"
Δ = 10°13'01.4" Lt.
R = 2438.00'
L = 434.75'
T = 217.95'
E = 9.72'

CURVE DATA #3
PI = 110+47.25
D = 1°55'00.8"
Δ = 8°43'31.0" Lt.
R = 2989.00'
L = 455.18'
T = 228.03'
E = 8.69'

P.L.

PARKING & MAINT. EASEMENT

PARKING & MAINT. EASE.

PT 106+67.92

PC 108+19.22

CONST. LIMIT LINE

RETAIN

10' UTILITY EASEMENT

5.5' BITUMINOUS WALK

SELECTIVE TRIM

SAWCUT AND PLACE 15' R - 4' TERMINAL END PLUS 2' CURB SECTION

SAWCUT AND PLACE 4' TERMINAL END PLUS 3.5' CURB SECTION R = 10'

SIDEWALK PROFILE CONTROL LINE

SAWCUT AND PLACE 4' BITUMINOUS CURB

SAWCUT LINE

MILL TO GRADE AND REPAVE DRIVE WITH 1.5" HMA

INSTALL 41 LF TYPE I GRANITE CURB

CONST. & MAINT. EASEMENT 365± S.F.

24" WHITE STOP BAR

8' TERMINAL END

REMOVE LANDING AND WIDEN SIDEWALK TO 7' WIDTH.

10' UTILITY EASEMENT

PCC 112+74.40

COMMUNITY DRIVE

106+00

107+00

108+00

109+00

110+00

111+00

112+00

113+00

8+00

9+00

10+00

11+00

12+00

N11°54.9'W

REMOVE POST

SAWCUT LINE

SAWCUT AND PLACE 15' TERMINAL END

CONSTRUCTION BASELINE

SAWCUT AND PLACE 8' TERMINAL END PLUS 4' STRAIGHT CURB

SAWCUT AND PLACE 12' TERMINAL END

SAWCUT AND PLACE 8' TERMINAL END AND 8' STRAIGHT SECTION

LOCATE JUNCTION BOX AND ADJUST TO GRADE

12' TE, R = 27.5'

15' TE, R = 27.5'

SIDEWALK PROFILE CONTROL LINE

REBUILD LANDING WITH 2'X5.5' DWF

5 LF. RAISE

DWF

ROUTES 8/11/27

CIVIC CENTER DRIVE

SEE SHC FILE NO. 6-59

CONST. LIMIT LINE

CONST. LIMIT LINE

6" X 6" GRANITE

4" X 4" GRANITE

NEXT LEFT

12" DIA STEEL TRAFFIC LIGHT

SHC FILE NO.

GARDEN COURT

AUGUSTA CIVIC CENTER DRIVE

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE JAMES L EASON No 7960 LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

BY	DATE
JLE	11-19
JLE	11-19

PROJ. MANAGER A. CORNEAU, II
DESIGN-DETAILED ALG
CHECKED-REVIEWED ALG
DESIGN2-DETAILED2
DESIGN3-DETAILED3
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

SHEET NUMBER
11
OF 52

Filename: ...\011_HDPlan_02.dgn Division: HIGHWAY Username: common Date:12/2/2019

Filename: ...\012_HDPlan_03.dgn Division: HIGHWAY Username: common Date:12/2/2019

CURVE DATA #4
PI = 114+33.42
D = 0°30'07.2"
Δ = 1°35'47.1" Lt.
R = 11413.62'
L = 318.02'
T = 159.02'
E = 1.11'

ARCP MF AUGUSTA ME, LLC

CAMDEN NATIONAL BANK
CAMDEN NATIONAL BANK

TOWNSEND ROAD ASSOCIATES, LLC

TOWNSEND ROAD ASSOCIATES, LLC

CURVE DATA #5
PI = 118+14.80
Δ = 0°15'26.8" Lt.

COMMUNITY DRIVE (NORTH) PEDESTRIAN SIGNALS NOTES

1. STA. 112+44.6, 27.9' LT, POLE 'C':
   INSTALL 10' PEDESTAL POLE ON 24" DIAMETER FOUNDATION (POLE 'C'). INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9"X15" R10-3E SIGN ON PEDESTAL POLE. INSTALL 30"X30" W11-2 CROSSWALK SIGNS WITH 24"X12" W16-7P ARROWS (2 EACH) MOUNTED ON BOTH SIDES OF PEDESTAL POLE.
2. LOCATE AND ADJUST TO GRADE THE EXISTING TRAFFIC SIGNAL JUNCTION BOX APPROXIMATELY AT STA. 112+37, 7' LT. INSTALL NEW NON-METALLIC CONDUIT BETWEEN POLE 'C' AND JUNCTION BOX FOR POLE 'C' POWER AND COMMUNICATIONS WIRING.
3. STA. 113+27, 29' LT, POLE 'D':
   INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9"X15" R10-3E SIGN ON EXISTING MAST ARM POLE (POLE 'D'). INSTALL 30"X30" W11-2 CROSSWALK SIGNS WITH 24"X12" W16-7P ARROWS (2 EACH) MOUNTED ON BOTH SIDES OF PEDESTAL POLE.
4. INSTALL OTHER WIRING FOR COMMUNITY DRIVE PEDESTRIAN SIGNALS THROUGH EXISTING CONDUIT EXCEPT AS NOTED ON THIS PLAN. ALL POWER WIRING FOR PEDESTRIAN SIGNALS SHALL BE STRANDED COPPER XHHW-2 WIRE, NO. 8 AWG OR LARGER. IF CONTRACTOR IS UNABLE TO INSTALL NEW WIRING IN EXISTING CONDUIT DUE TO EXISTING WIRE FILL OR CONDITION OF THE CONDUIT, NEW CONDUIT UNDER ROADWAYS SHALL BE SCHEDULE 80 CONDUIT INSTALLED BY DIRECTIONAL DRILLING.
5. MODIFY TRAFFIC SIGNAL CONTROLLER TO ADD PEDESTRIAN TIMING FOR THE COMMUNITY DRIVE CROSSWALK TO VEHICULAR PHASE 2 NORTHBOUND CIVIC CENTER DRIVE. WALK TIMING = 7.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 21.0 SECONDS.
6. NO NEW LIGHTING IS REQUIRED FOR THE COMMUNITY DRIVE (NORTH) CROSSWALK.
7. THE WALK PHASE FOR THE COMMUNITY DRIVE (NORTH) CROSSWALK SHALL BE COINCIDENT WITH THE NORTHBOUND CIVIC CENTER DRIVE THROUGH MOVEMENT (PHASE 2). WALK TIMING = 4.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 21.0 SECONDS.

I-95 NORTHBOUND OFF-RAMP PEDESTRIAN SIGNALS AND LIGHTING NOTES

1. STA. 117+96.5, 44.0' LT, POLE 'E':
   INSTALL 25' CONVENTIONAL LIGHTING STANDARD WITH TRANSFORMER BASE ON 24" DIAMETER FOUNDATION (POLE 'E'). INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9"X15" R10-3E SIGN ON LIGHT POLE. INSTALL 30"X30" W11-2 CROSSWALK SIGN WITH 24"X12" W16-7P ARROW (1 EACH) MOUNTED ON APPROACH SIDE OF POLE.
2. STA. 117+50, 20' LT AND STA. 118+25, 10' LT:
   APPROXIMATE LOCATIONS OF ASSUMED TRAFFIC SIGNAL JUNCTION BOXES. LOCATE JUNCTION BOXES AND ADJUST TO GRADE. INSTALL NEW NON-METALLIC CONDUIT BETWEEN POLE 'E' AND JUNCTION BOX APPROXIMATELY AT STA. 117+50 LT FOR POLE 'E' POWER AND COMMUNICATIONS WIRING.
3. STA. 118+32, 20' LT: INSTALL NEW PRECAST CONCRETE JUNCTION BOX.
4. STA. 118+36.0, 20.2' LT, POLE 'F':
   INSTALL 10' PEDESTAL POLE ON 24"DIAMETER FOUNDATION (POLE 'F'). INSTALL COUNTDOWN PEDESTRIAN SIGNALS WITH AUDIBLE/TACTILE APS PEDESTRIAN PUSHBUTTON AND 9"X15" R10-3E SIGN ON PEDESTAL POLE. INSTALL 30"X30" W11-2 CROSSWALK SIGN WITH 24"X12"W16-7P ARROW (1 EACH) MOUNTED ON APPROACH SIDE OF POLE. INSTALL NEW NON-METALLIC CONDUIT BETWEEN POLE 'F' AND NEW JUNCTION BOX AT STA. 118+32 LT AND FROM NEW JUNCTION BOX AT STA. 118+32 LT TO EXISTING JUNCTION BOX APPROXIMATELY AT STA. 118+25 LT.
5. INSTALL WIRING FOR I-95 NORTHBOUND OFF-RAMP PEDESTRIAN SIGNALS AND CROSSWALK LIGHTING THROUGH EXISTING CONDUIT EXCEPT AS NOTED ON THIS PLAN. ALL POWER WIRING FOR PEDESTRIAN SIGNALS AND CROSSWALK LIGHTING SHALL BE STRANDED COPPER XHHW-2 WIRE, NO. 8 AWG OR LARGER. IF CONTRACTOR IS UNABLE TO INSTALL NEW WIRING IN EXISTING CONDUIT DUE TO EXISTING WIRE FILL OR CONDITION OF THE CONDUIT, NEW CONDUIT UNDER ROADWAYS SHALL BE SCHEDULE 80 CONDUIT INSTALLED BY DIRECTIONAL DRILLING.
6. MODIFY TRAFFIC SIGNAL CONTROLLER TO ADD PEDESTRIAN TIMING FOR I-95 NORTHBOUND OFF-RAMP CROSSWALK TO VEHICULAR PHASE 6 SOUTHBOUND CIVIC CENTER DRIVE. WALK TIMING = 4.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 7.0 SECONDS.
7. INSTALL NEW LUMINAIRE FOR I-95 NORTHBOUND OFF-RAMP CROSSWALK LIGHTING ON NEW CONVENTIONAL LIGHTING STANDARD AT STA. 117+96.5, 44.0' LT. LUMINAIRE SHALL BE INSTALLED AT THE TOP OF POLE WITH A MINIMUM LENGTH HORIZONTAL TENON. ORIENT LUMINAIRE ACROSS RAMP WITH ALIGNMENT OF CROSSWALK.
8. LUMINAIRE SHALL BE AMERICAN ELECTRIC 'AUTOBAHN' SERIES ATBO, CATALOG NUMBER ATBO 20BLEDE70 X R3 4K. VERIFY SERVICE VOLTAGE BEFORE ORDERING. LIGHTING FIXTURE SHALL BE GASKETED AND SHALL HAVE SURGE PROTECTION AND A DOUBLE FUSE KIT. FIXTURE SHALL BE GRAY.
9. INSTALL A LOCKABLE NEMA 3R LIGHTING CONTROL CABINET ON A 6"X6" PRESSURE-TREATED WOOD POST AT STA. 118+40, 16' LT. LIGHTING CIRCUIT FOR LUMINAIRE SHALL BE PHOTOCELL ACTIVATED BY A PHOTOCELL ON THE LIGHTING CONTROL CABINET.
10. AN EXTERNAL, STANDALONE BREAKER TO DISCONNECT POWER TO THE NEW LIGHTING CONTROL CABINET SHALL BE INSTALLED IN A LOCKABLE NEMA 3R ENCLOSURE BETWEEN THE METER AND THE CABINET.
11. INSTALL NEW NON-METALLIC CONDUIT BETWEEN LIGHTING CONTROL CABINET AND NEW JUNCTION BOX AT STA. 118+32 LT.
12. THE CONTROL CABINETS AND THE POWER DISCONNECT ENCLOSURE EACH SHALL BE MARKED WITH ARC HAZARD TYPE 2, 3 OR 4 AND THE APPROPRIATE PPE REQUIRED. SEE SECTION 643.09 FOR OTHER REQUIREMENTS.
13. THE WALK PHASE FOR THE I-95 NORTHBOUND OFF-RAMP CROSSWALK SHALL BE COINCIDENT WITH THE SOUTHBOUND CIVIC CENTER DRIVE THROUGH MOVEMENT (PHASE 6). WALK TIMING = 4.0 SECONDS. PEDESTRIAN CLEARANCE TIME = 6.0 SECONDS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L. EASON — No. 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE
P.E. NUMBER 7960
11/11/19
DATE

	DATE	BY
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	11-19	ALG
CHECKED-REVIEWED	11-19	ALG
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

PLANS

SHEET NUMBER
12
OF 52

ROSSWALK SIGN WITH
AQUE AT 125' IN ADVANCE

LEGEND

WALLPACK LIGHT FIXTURE MOUNTED ON BRIDGE PIER CAP

CURVE DATA #6
PI = 120+47.70
Δ = 2°45'47.0" Rt.

CURVE DATA #7
PI = 122+73.39
Δ = 2°31'08.5" Lt.

PI 122+73.39

I-95 NORTHBOUND

I-95 SOUTHBOUND

UT AND PLACE 2 - 4'
ED TYPE 5 ENDS

FLATTEN GRADE TO 4:1 MAX AND REMOVE GUARDRAIL

LOCATE AND EXTEND 8LF X 24" OPT III PIPE

INSTALL NEW FIBER INTERCONNECT CONDUCTORS IN NON-METALLIC CONDUIT UNDER SIDEWALK FROM CABINET TO CABINET

SIDEWALK PROFILE CONTROL LINE

POWER SOURCE FOR HIGHWAY LIGHTING

32 LF X 12" OPT III PIPE

86 LF X 12" OPT III PIPE

SERVICE POLE FOR HIGHWAY LIGHTING WITH METER AND DISCONNECT BOX

LIMIT OF CLEARING

8 LF X 18" OPT III PIPE

DEMOUNT AND RELOCATE GUIDE SIGN ON NEW 24" FOUNDATION. REMOVE EXISTING FOUNDATION.

STA 127+79.0, 39.5' LT. DEMO
SIGNAL MAST ARM POLE O

LIMIT OF CLEARI

35 LF X 18"

MI

DEMOUNT AND RELOCATE GUIDE SIGN ON NEW 24" FOUNDATION. REMOVE EXISTING FOUNDATION.

19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00

5.5' BITUMINOUS SIDEWALK

5.5' BITUMINOUS WALK

5.5' BITUMIN

18" OPT III PIPE

120+00 121+00 122+00 123+00 124+00 125+00 126+00

N21°38'39.8"W

N18°52'52.8"W

N21°24'11.3"W

WP1

WP2

13 LF X 12" OPT

TED GUARDRAIL
= 50'. CAP ENDS
ED STEEL TERMINAL ENDS.

ABANDON EXISTING SIGNAL INTERCONNECT CONDUIT

SIDEWALK PROFILE CONTROL LINE

ROUTES 8/11/27

CIVIC CENTER DRIVE

CONSTRUCTION BASELINE

ASSUMED LOCATION OF EXISTING SIGNAL INTERCONNECT CONDUIT. ABANDON.

ATTACH POWER CONDUIT RISERS TO BRIDGE PIERS FOR LED WALLPACK LIGHTING UNITS WP1 AND WP2. MOUNT UNITS AT 12' ABOVE ROADWAY GRADE.

17 LF X 12" OPT III PIPE

ASSUMED LOCATION OF EXISTING SIGNAL INTERCONNECT CONDUIT. ABANDON.

INSTALL CONDUIT FOR WALLPACK LIGHTING

PI 120+47.70

24"D

WALLPACK LIGHTING NOTES

1. SECURELY ATTACH WALLPACK LIGHTING UNITS WP1 AND WP2 AT STATED MOUNTING HEIGHT TO STANDARD EXTERIOR WET LOCATION RATED WALL-MOUNT ELECTRICAL JUNCTION BOXES INSTALLED ON THE VERTICAL FACES OF BRIDGE PIER CAPS.

2. POWER FOR WALLPACK LIGHTING UNITS SHALL BE TAKEN FROM THE EXISTING HIGHWAY LIGHTING CONTROL CABINET AT STA. 122+85 LT. ADD WIRING FOR WALLPACK LIGHTING TO EXISTING LIGHTING CIRCUIT. CONNECT TO PHOTOCELL CONTROL OF EXISTING HIGHWAY LIGHTING ON CABINET. LIGHTING EQUIPMENT SHALL BE BONDED TO THE GROUNDING CONDUCTOR.

3. WIRE FOR WALLPACK LIGHTING SHALL BE NO. 8 AWG STRANDED COPPER XHHW-2.

4. INSTALL PRECAST CONCRETE JUNCTION BOXES IN NEW SIDEWALK FOR WIRING TO WALLPACK UNITS.

5. ABOVE-GROUND CONDUIT SHALL BE RIGID METAL CONDUIT. POWER RISERS TO WALL PACK UNITS SHALL BE 3/4" DIAMETER CONDUIT SECURELY ATTACHED TO BRIDGE PIERS. MINIMUM BURIAL DEPTH FOR BURIED CONDUIT SHALL BE 36 INCHES.

6. WALLPACK LIGHTING UNITS SHALL BE HOLOPHANE WALLPACK FULL CUTOFF LED FIXTURES. CATALOG NUMBER HLWPC2 P10 40K X T2M GYSDP 70CRI AO DF TP. OR APPROVED EQUAL.

7. WALLPACK LIGHTING UNITS SHALL BE WET LOCATION LISTED. LIGHT ENGINE HOUSING SHALL BE IP66 RATED. UNITS SHALL BE RATED FOR -40 DEGREES FAHRENHEIT MINIMUM AMBIENT TEMPERATURE. LIGHTING COLOR TEMPERATURE SHALL BE 4000K. OPTICS SHALL BE TYPE 2 MEDIUM DISTRIBUTION WITH B-U-G RATING OF 1-0-1. HOUSINGS SHALL HAVE GRAY THERMOSET POWDERCOAT FINISH AND HAVE TAMPER RESISTANT HARDWARE. UNITS SHALL BE DOUBLE FUSED. UNITS SHALL HAVE 20KV/10KA SURGE PROTECTION OR BETTER.

8. WALLPACK LIGHTING UNITS SHALL HAVE FIELD-ADJUSTABLE OUTPUT. MAXIMUM ILLUMINATION ON SIDEWALK UNDER BRIDGES SHALL BE 2.0 FOOTCANDLES.

9. CONFIRM SERVICE VOLTAGE BEFORE ORDERING WALLPACK LIGHTING UNITS.

10. PAYMENT FOR WALLPACK LIGHTING UNITS WILL BE MADE UNDER ITEM 634.2042 LED LUMINAIRES. PAYMENT FOR CONDUIT WILL BE MADE UNDER APPLICABLE SECTION 626 ITEMS. PAYMENT FOR PRECAST CONCRETE JUNCTION BOXES, IF USED, WILL BE MADE UNDER ITEM 626.11. PAYMENT FOR WIRING, WALL-MOUNT ELECTRICAL JUNCTION BOXES, CONNECTION TO THE EXISTING LIGHTING CONTROL CABINET, AND ALL WORK AND INCIDENTALS NECESSARY TO PROVIDE FULLY FUNCTIONING WALLPACK LIGHTING AT LOCATIONS NOTED ON THE PLANS, EXCEPT FOR WORK AND MATERIALS COVERED BY OTHER PAY ITEMS OF THE CONTRACT, WILL BE MADE UNDER ITEM 634.160 HIGHWAY LIGHTING.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASON
No. 7960
LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	DATE	BY
A. GORNEAU, II	11-19	JLE
PROJ. MANAGER		
DESIGN-DETAILED		ALG
CHECKED-REVIEWED		ALG
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

PLANS

SHEET NUMBER
13
OF 52

Filename: ...\013_HDPlan_04.dgn Division: HIGHWAY Username: common Date:12/2/2019

SSWL = 4" SINGLE SOLID WHITE LINE
DSYL = 4" DOUBLE SOLID YELLOW LINE

J & R ASSOCIATES, LLC

J &

P.L.

CURVE DATA #9
PI = 131+82.86
Δ = 2°47'59.4" Lt.

CURVE DATA #8
PI = 129+57.67
Δ = 2°47'59.4" Rt.

I-95 SOUTHBOUND ON RAMP

SAWCUT LINE

SSWL

REMOVE EXISTING PAVEMENT TO APPROXIMATE DEPTH OF 6". REGRADE TO DRAIN. LOAM AND SEED.

REMOVE SIGN

REMOVE SIGN

REBUILD CB WITH SHAPE 5 TOP

DEMOUNT AND REINSTALL 8 SIGNS. REMOVE 2 - M6-2 SIGNS AND REPLACE WITH NEW M6-1 (1 BLUE, 1 GREEN) 15" X 21"

ADJUST MH TO GRADE (BY OTHERS)

20 LF X 12" OPT III PIPE WITH RIPRAP DOWNSPOUT

20 LF X 12" OPT III PIPE WITH RIPRAP DOWNSPOUT

PI 131+82.86

REMOVE AND REPLACE GUARDRAIL WITH MASH COMPLIANT GUARDRAIL

CONTROLLED ACCESS

STA 127+79.0, 39.5' LT. DEMOUNT AND RELOCATE SIGNAL MAST ARM POLE ON NEW 42"XII' FOUNDATION

SAWCUT LINE

MILL & FILL LIMIT

35 LF X 18" OPT III PIPE

LOCATE GUIDE SIGN ON ON. REMOVE EXISTING

LIMIT OF CLEARING

TYPE 5 CURB

REMOVE DWF JB

DWF

8' TE

4' TE

18" OPT III PIPE

5.5' BITUMINOUS WALK

126+00

127+00

13 LF X 12" OPT III PIPE

POWER SOURCE

N21°24'1.3"W

SIDEWALK PROFILE CONTROL LINE

ASSUMED LOCATION OF EXISTING SIGNAL INTERCONNECT CONDUIT. ABANDON.

DEMOUNT AND RELOCATE GUIDE SIGN ON TWO NEW 24" FOUNDATIONS. REMOVE EXISTING FOUNDATIONS.

REMOVE SIGNAL FOUNDATION

INSTALL NEW SIGNAL CONDUIT

128+00

DEMOUNT AND REINSTALL SIGN

REMOVE JB. ABANDON CONDUIT.

24" WHITE STOP BAR

ROUTES 8/11/27
CIVIC CENTER DRIVE

129+00

ALTER CB TO MH

POWER POLE TO BE RELOCATED (BY OTHERS)

PI 129+57.67

REM. SIGN

REM. SIGNS

SSWL

DSYL

175'

225'

110'

SAWCUT LINE

130+00

N18°36'1.9"W

131+00

CONSTRUCTION BASELINE

SIDEWALK PROFILE CONTROL LINE

132+00

STA. 132+00
END MILL AND OVERLAY
MATCH EXISTING SECTION
AND PAVEMENT MARKINGS

MILL TO CROSS SLOPE AND OVERLAY WITH 1.5" HMA TO ROADWAY CENTERLINE TO CORRECT CROSS SLOPE

SAWCUT LINE

133+00

SIDEWALK PROFILE CONTROL LINE

CONTROLLED ACCESS

PC 132+78.05

END C.O.A.

END C.O.A.

NOTE

SEE SHEET 9 FOR SIGNAL AND LIGHTING NOTES FOR I-95 SOUTHBOUND RAMP.

Date:12/2/2019

Username: common

Division: HIGHWAY

Filename: ...\014_HDPlan_05.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASTON
No. 7960
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE		
P.E. NUMBER	7960	
DATE	11/11/19	

DATE	11-19	
BY	JLE	
A. CORNEAU, II	ALG	
DESIGN-DETAILED	ALG	
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER

AUGUSTA
CIVIC CENTER DRIVE

PLANS

SHEET NUMBER

14

OF 52

LLC

J & R ASSOCIATES, LLC

P.L.

CURVE DATA #10
PI = 135+35.90
D = 0°55'26.9"
Δ = 4°45'46.9" Rt.
R = 6200.00'
L = 515.41'
T = 257.85'
E = 5.36'

COBALT PROPERTIES LLC

STA. 136+82 LT.
MATCH SIDEWALK TO
EXISTING LANDING
END PROJECT WIN 19402.00

SIDEWALK
PROFILE
CONTROL LINE

DARIN DRIVE

2" CHERRY
8" ELM
WENDYS PLANET FITNESS
END C.O.A.
R100.00'
8" CHERRY
8" CHERRY
IRVING
2" ELM
DWF
R 25.00'
4' TE
DWF
63+00
18" PCP
539\80\74\114
5.5' BITUMINOUS WALK
35+00
8" CHERRY
6" CHERRY
6" CHERRY
5" CHERRY
4" DIA STEEL
4" DIA STEEL
PAVED
PAVED
PAVED
ISLAND
AUGUSTA BUSINESS PARK
1.01
ISLAND
540\80\74\115
541\76\116
CROSS WALK
36+00
PI
16+83
16" WATERLINE
8" TE
SSWL
N21°24'1.3"W
4"
SAWCUT
LINE
133+00
12 LF X 12" OPT III PIPE
134+00
TYPE 3 CURB
MOLD I
135+00
CONSTRUCTION
BASELINE
136+00
137+00
SIDEWALK
PROFILE
CONTROL LINE
LIMIT OF MILLING
6" SERVICE
ROUTES 8/11/27
CIVIC CENTER DRIVE
LIMIT OF MILLING
TYPE 3 CURB
MOLD I
TO BELGRADE
ACCESS
PC 132+78.05
END C.O.A.
GIRI CIVIC DRIVE, LLC
STATE OF MAINE
DEPARTMENT OF DEFENSE
VETERANS AND EMERGENCY MANAGEMENT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L
EASON
No 7960
LICENSED
PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

PROJ. MANAGER	A. CORNEAU II	BY
DESIGN-DETAILED	ALC	JLE
CHECKED-REVIEWED	ALC	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

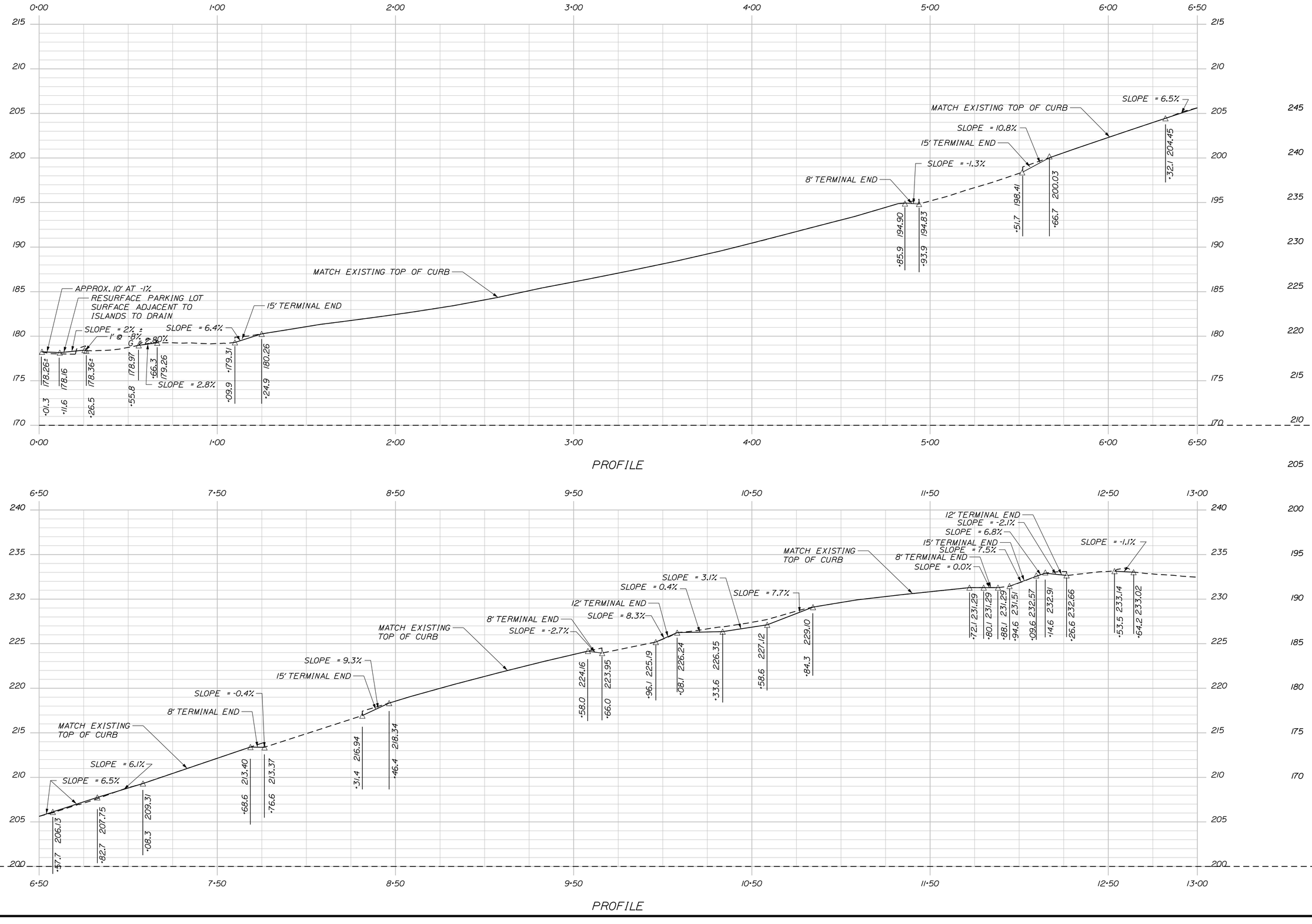
DATE
11-19
11-19

AUGUSTA
CIVIC CENTER DRIVE

PLANS

SHEET NUMBER
15
OF 52

Filename: ...\015_HDPlan_06.dgn Division: HIGHWAY Username: common Date:12/2/2019



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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L. EASON No. 7960 — LICENSED PROFESSIONAL ENGINEER — BEGINNING

			DATE
PROJ. MANAGER	A. GORNEAU, II	BY	
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG		11-19
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

7960
P.E. NUMBER

11/11/19
DATE

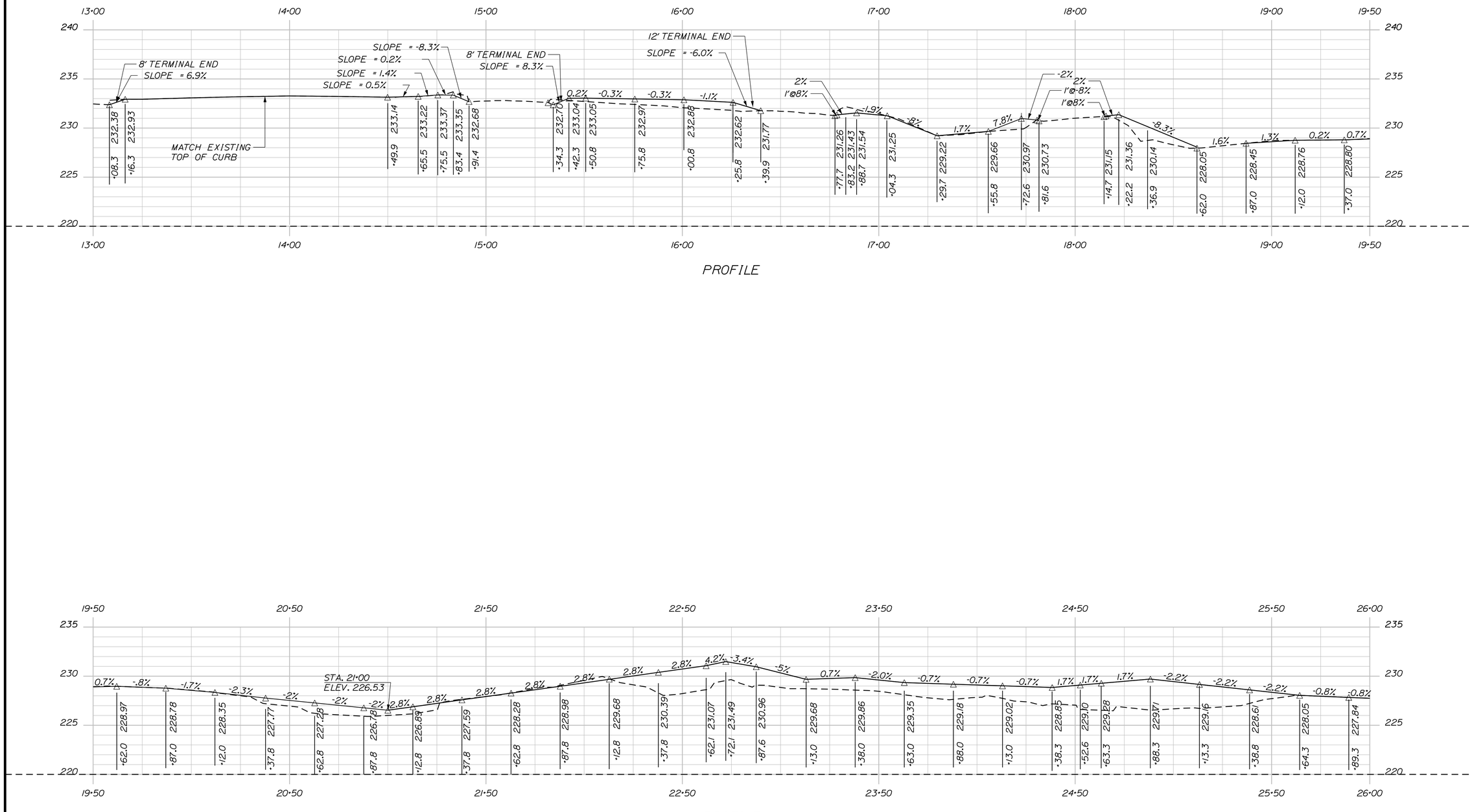
AUGUSTA
CIVIC CENTER DRIVE

SIDEWALK PROFILE

SHEET NUMBER

16

OF 52



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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L EASON
No 7960
LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALC	JLE 11-19
CHECKED-REVIEWED	ALC	11-19
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

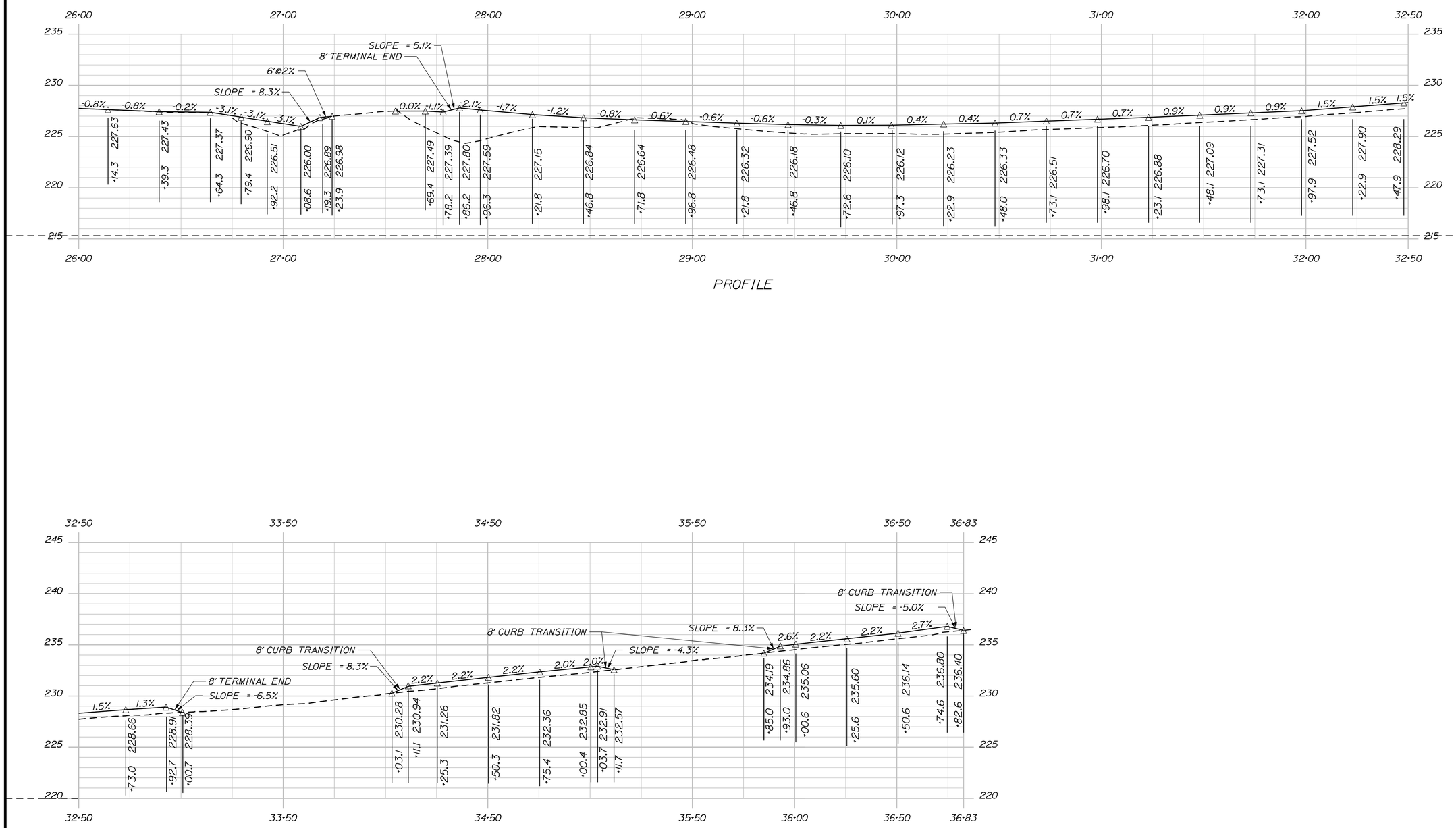
AUGUSTA
CIVIC CENTER DRIVE

SIDEWALK PROFILE

SHEET NUMBER

17

OF 52



PROFILE

PROFILE PROFILE

Filename: ...\018_HDPlan_09.dgn Division: HIGHWAY Username: common Date:12/2/2019

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II	JLE	11-19
DESIGN-DETAILED ALG		11-19
CHECKED-REVIEWED ALG		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

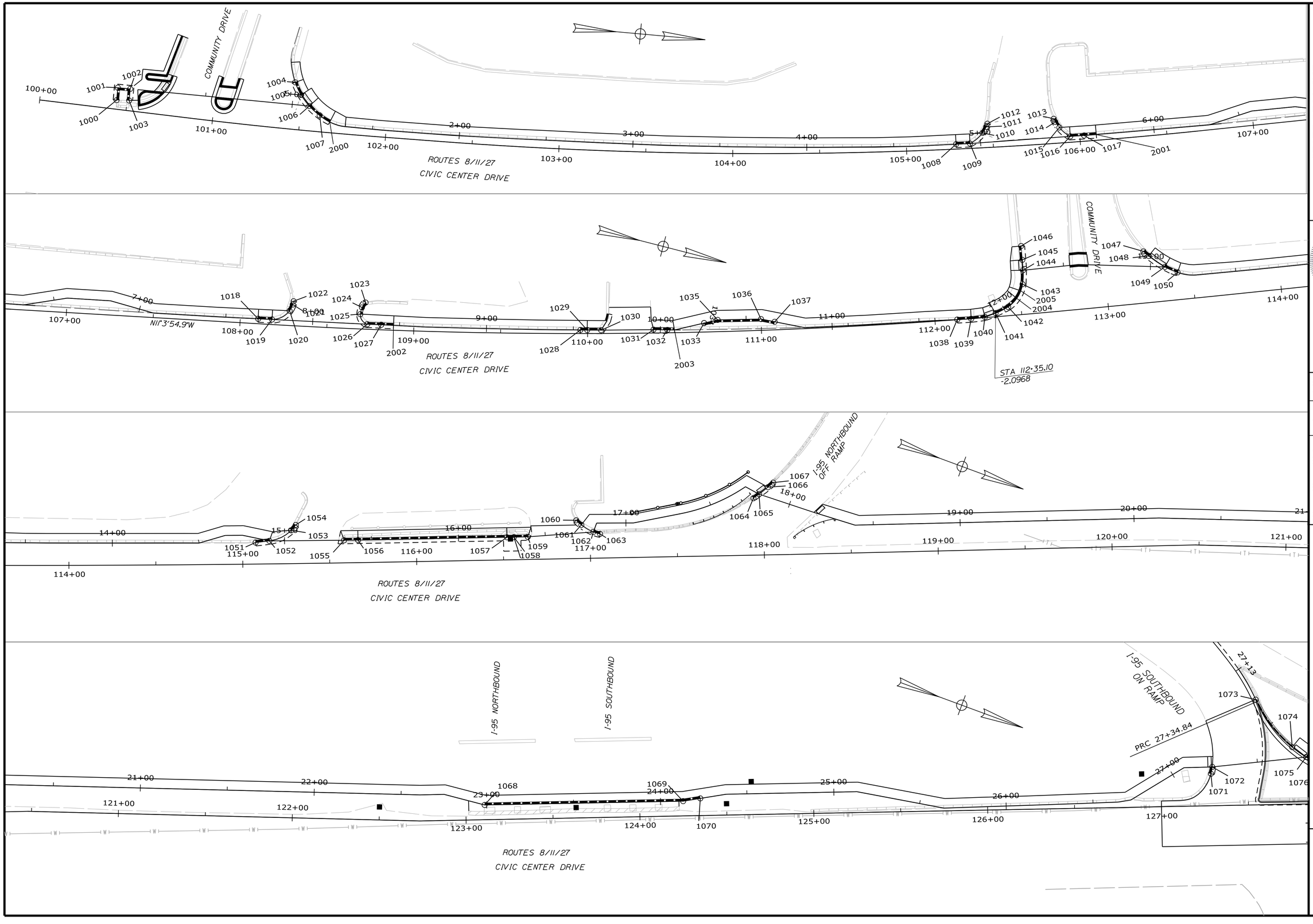
AUGUSTA
CIVIC CENTER DRIVE

SIDEWALK PROFILE

SHEET NUMBER

18

OF 52



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASON
No. 7960
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
A. GORNEAU, II		
PROJ. MANAGER	JLE	11-19
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CHECKED-REVIEWED	ALC	
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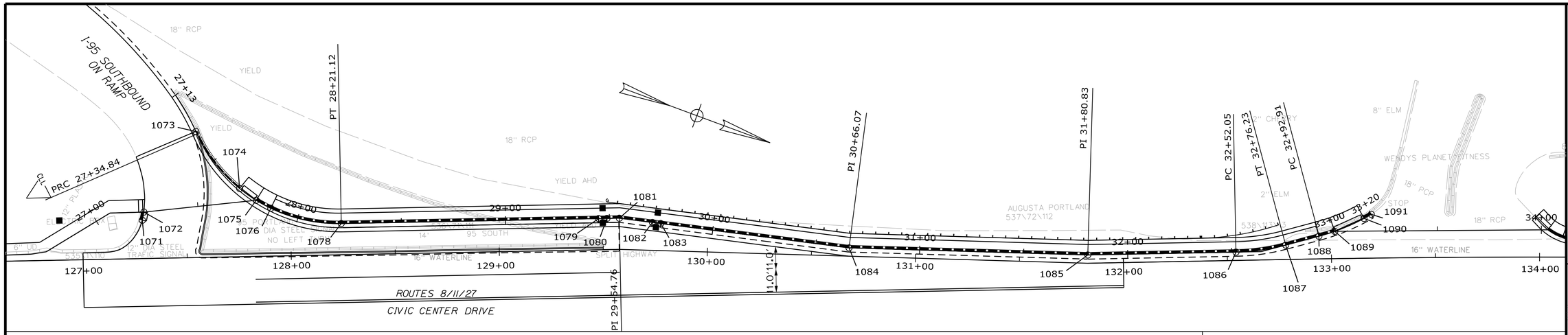
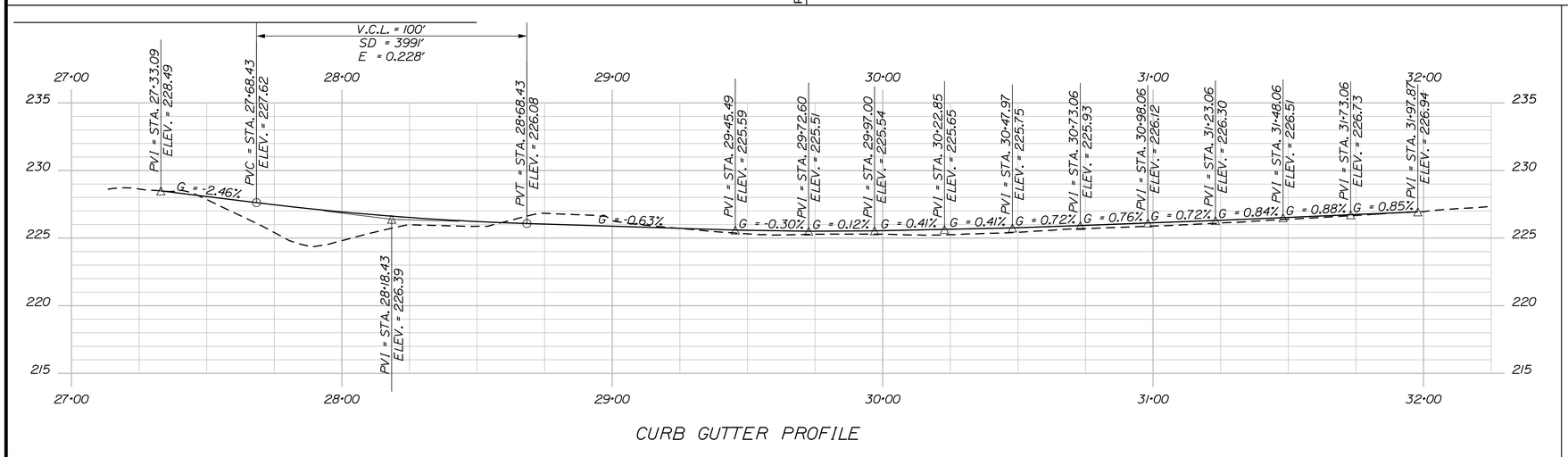
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE
GEOMETRIC CURB PLANS

SHEET NUMBER
19
OF 52

Filename: ...\019_Geometric_01.dgn Division: HIGHWAY Username: common Date:12/2/2019





CURB GUTTER PROFILE

Granite Curb 1

	STATION	NORTHING	EASTING
PC ()	27+13.43	552263.42386	1135859.25109
PI ()	27+24.17	552272.22353	1135865.40349
CC ()		552200.65670	1135949.02590
PRC ()	27+34.84	552279.66109	1135873.14745

Radius: 109.5
Delta: 11°11'47.1" Right
Length: 21.41
Tangent: 10.74
External: 0.53

PI ()	27+83.46	552314.34283	1135907.22825
CC ()		552332.24166	1135819.63973
PT ()	28+21.12	552359.61466	1135889.48608

Radius: 75.00
Delta: 65°53'58.7" Left
Length: 86.28
Tangent: 48.62
External: 14.38

PI ()	29+54.76	552484.02921	1135840.70764

Tangent Direction: N 21°24'30.1" W
Tangent Length: 133.64

PI ()	30+66.07	552592.51734	1135815.79885

Tangent Direction: N 12°55'51.4" W
Tangent Length: 111.31

PI ()	31+80.83	552701.28854	1135779.19219

Tangent Direction: N 18°36'01.9" W
Tangent Length: 114.77

PC ()	32+52.05	552767.59338	1135753.20712

Tangent Direction: N 21°24'01.3" W
Tangent Length: 71.21

PI ()	32+64.20	552778.90543	1135748.77389
CC ()		552731.10510	1135660.10177
PT ()	32+76.23	552788.82679	1135741.76086

Radius: 100.00
Delta: 13°51'16.8" Left
Length: 24.18
Tangent: 12.15
External: 0.74

PC ()	32+92.91	552802.45229	1135732.12951

Tangent Direction: N 35°15'18.1" W
Tangent Length: 16.69

PI ()	33+06.59	552813.62257	1135724.23367
CC ()		552744.73060	1135650.47043
PT ()	33+20.10	552822.26200	1135713.62802

Radius: 100.00
Delta: 15°34'42.5" Left
Length: 27.1896
Tangent: 13.68
External: 0.93

CONTROL POINTS FOR GRANITE CURB

Point	Station	Offset	NORTHING	EASTING
1000	100+43.94	-5.21	549709.6264	1136644.4693
1001	100+43.76	-12.39	549709.6701	1136637.2840
1002	100+50.92	-12.57	549716.8279	1136637.3275
1003	100+51.08	-5.87	549716.7871	1136644.0216
1004	101+45.29	-27.06	549810.9864	1136625.0273
1005	101+49.39	-20.19	549815.0044	1136631.9254
1006	101+54.77	-14.25	549820.3210	1136637.8962
1007	101+61.21	-9.47	549826.7118	1136642.6863
1008	105+28.59	-2.83	550192.6827	1136626.3522
1009	105+36.60	-2.84	550200.6059	1136625.2464
1010	105+44.20	-8.57	550207.3024	1136618.5101
1011	105+46.41	-11.90	550209.0110	1136614.8983
1012	105+47.26	-13.72	550209.5848	1136612.9828
1013	105+85.73	-14.17	550247.3325	1136606.7607
1014	105+86.50	-12.36	550248.3736	1136608.4213
1015	105+88.59	-8.96	550250.9726	1136611.4532
1016	105+94.50	-3.40	550257.6890	1136615.9834
1017	106+02.51	-3.30	550265.5970	1136614.7730
1018	108+10.29	-2.81	550469.6735	1136576.2525
1019	108+18.29	-2.89	550477.5093	1136574.6401
1020	108+28.10	-8.49	550486.0377	1136567.2572
1021	108+29.68	-12.15	550486.8714	1136563.3571
1022	108+30.10	-14.10	550486.8939	1136561.3664
1023	108+71.68	-15.34	550527.1626	1136551.7761
1024	108+69.72	-12.43	550525.8712	1136555.0355
1025	108+68.89	-8.54	550525.8669	1136559.0124
1026	108+73.19	-2.91	550531.2405	1136563.6210
1027	108+81.26	-2.92	550539.1169	1136561.9131
1028	109+95.88	-2.06	550650.7351	1136536.2939
1029	109+99.82	-2.03	550654.5558	1136535.3456
1030	110+07.82	-1.93	550662.3202	1136533.4184

CONTROL POINTS FOR GRANITE CURB

Point	Station	Offset	NORTHING	EASTING
1031	110+37.95	-1.96	550691.4006	1136525.6123
1032	110+45.94	-1.66	550699.1821	1136523.7974
1033	110+67.15	-5.17	550718.6417	1136514.7152
1035	110+75.00	-6.78	550725.7350	1136511.0158
1036	111+00.00	-6.48	550749.7734	1136504.3470
1037	111+07.80	-4.65	550757.7601	1136503.8860
1038	112+12.81	-0.10	550859.1391	1136476.4842
1039	112+20.81	0.10	550866.7791	1136474.1111
1040	112+28.80	-0.34	550874.1997	1136471.1221
1041	112+35.10	-2.10	550879.5891	1136467.4075
1042	112+42.55	-5.03	550885.6554	1136462.2054
1043	112+51.98	-17.41	550890.4415	1136447.4115
1044	112+52.94	-25.36	550888.7019	1136439.6029
1045	112+53.06	-31.36	550886.8260	1136433.8993
1046	112+53.07	-39.36	550884.1822	1136426.3488
1047	113+23.19	-29.65	550953.0455	1136411.8557
1048	113+25.98	-26.79	550956.6488	1136413.5912
1049	113+34.61	-19.57	550967.2079	1136417.4125
1050	113+41.62	-15.71	550975.1066	1136418.6300
1051	115+07.49	-12.39	551131.4017	1136363.6014
1052	115+15.45	-13.25	551138.5180	1136359.9523
1053	115+28.20	-19.18	551148.2771	1136349.8474
1054	115+30.77	-22.25	551149.5668	1136346.0653
1055	115+58.45	-13.00	551178.6787	1136344.7188
1056	115+66.46	-13.00	551186.1354	1136341.8211
1057	116+52.17	-13.00	551265.9237	1136310.6049
1058	116+56.17	-13.00	551269.6483	1136309.1462
1059	116+64.17	-13.00	551277.0974	1136306.2289
1060	116+92.17	-21.99	551299.8954	1136287.6502

CONTROL POINTS FOR GRANITE CURB

Point	Station	Offset	NORTHING	EASTING
1061	116+95.09	-19.29	551303.5939	1136289.0939
1062	117+01.91	-15.12	551311.4752	1136290.4915
1063	117+05.73	-13.92	551315.4641	1136290.2204
1064	117+94.30	-32.75	551391.0727	1136240.3830
1065	117+97.60	-35.01	551393.3165	1136237.0789
1066	118+02.80	-38.94	551396.7228	1136231.5167
1067	118+05.86	-41.52	551398.6312	1136228.0019
1068	123+10.83	-8.50	551883.8817	1136082.8886
1069	124+25.00	-8.50	551990.1797	1136041.2301
1070	124+34.90	-9.89	551998.8914	1136036.3204
1071	127+28.80	-18.42	552269.4121	1135921.1461
1072	127+29.63	-22.33	552268.7583	1135917.1999
1073	127+55.35	-60.55	552278.7637	1135872.2241
1074	127+75.81	-32.81	552307.9326	1135890.5909
1075	127+83.69	-26.96	552317.4050	1135893.1576
1076	127+90.64	-23.00	552325.3164	1135894.3193
1078	128+24.33	-15.00	552359.6079	1135889.4687
1079	129+48.00	-15.00	552474.7495	1135844.3444
1080	129+52.00	-15.00	552478.4737	1135842.8849
1081	129+57.67	-15.00	552484.0292	1135840.7076
1082	129+73.21	-13.41	552499.6745	1135837.1155
1083	129+77.19	-13.02	552503.5730	1135836.2204
1084	130+67.99	-4.00	552592.5100	1135815.8005
1085	131+82.96	-4.00	552701.2885	1135779.1922
1086	132+54.18	-4.00	552767.5934	1135753.2071
1087	132+78.12	-6.91	552788.8268	1135741.7609
1088	132+94.11	-10.88	552802.2939	1135732.2415
1089	133+01.77	-13.11	552808.6460	1135727.3782
1090	133+15.87	-19.12	552819.6640	1135716.6893
1091	133+19.38	-21.04	552822.2613	1135713.6288

CONTROL POINTS FOR GRANITE CURB

Point	Station	Offset	NORTHING	EASTING
2000	101+67.34	-6.13	549832.82663	1136646.02041
2001	106+09.52	-3.29	550272.49560	1136613.61473
2002	108+88.27	-2.81	550545.98362	1136560.51872
2003	110+50.00	-1.56	550703.12031	1136522.81004
2004	112+47.93	-9.55	550889.23950	1136456.16705
2005	112+50.61	-13.68	550890.38886	1136451.38776

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L. EASTON — No. 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960 P.E. NUMBER
11/11/19 DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, JR.	
DESIGN-DETAILED	JLE	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2		
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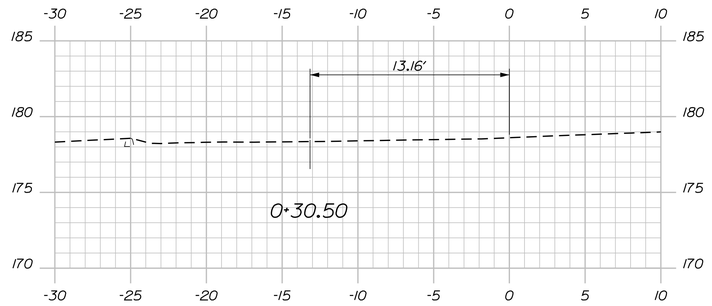
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

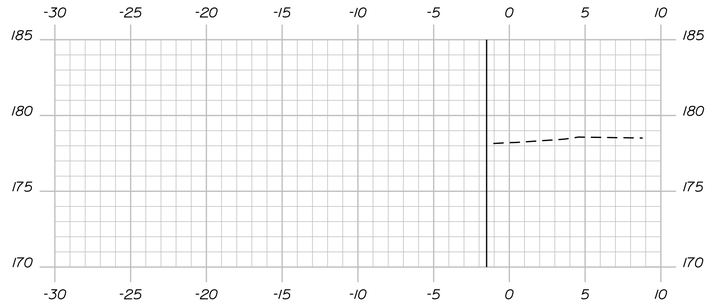
GEOMETRIC CURB PLANS

SHEET NUMBER
20
OF 52

Filename: ...\020_Geometric_02.dgn Division: HIGHWAY Username: common Date:12/2/2019



100+75.00



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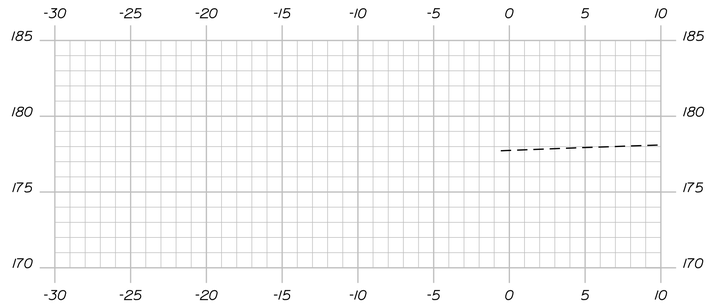

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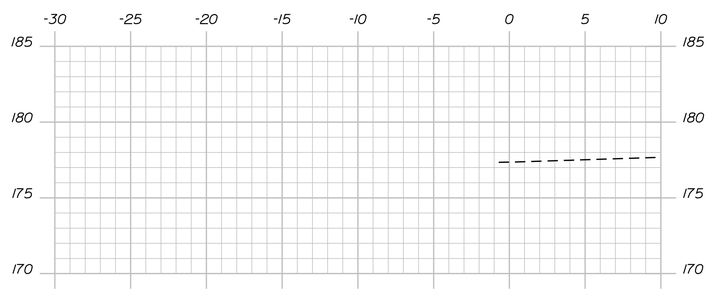

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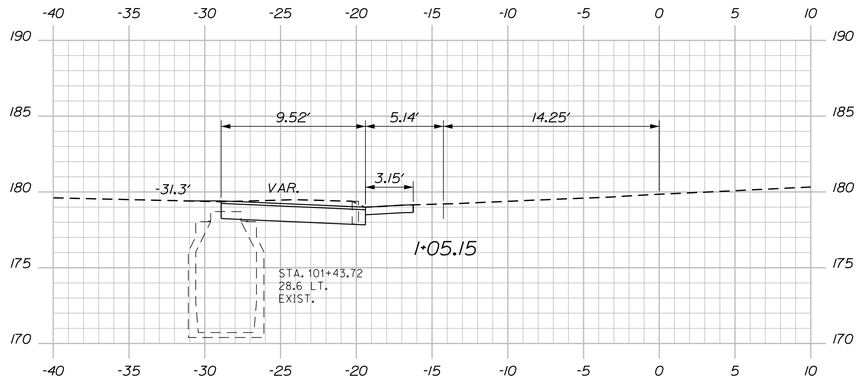
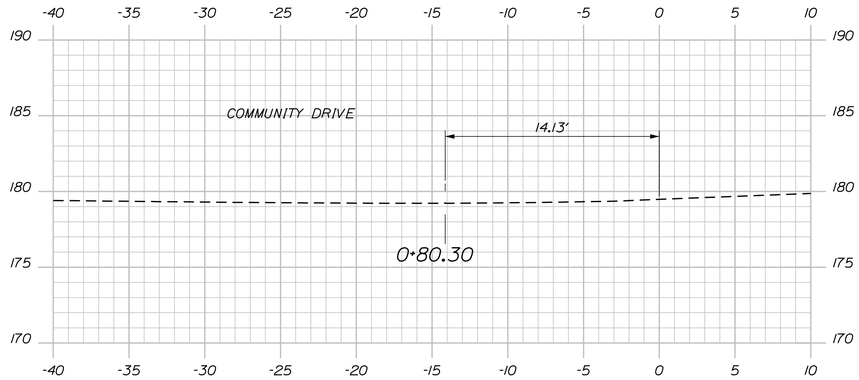
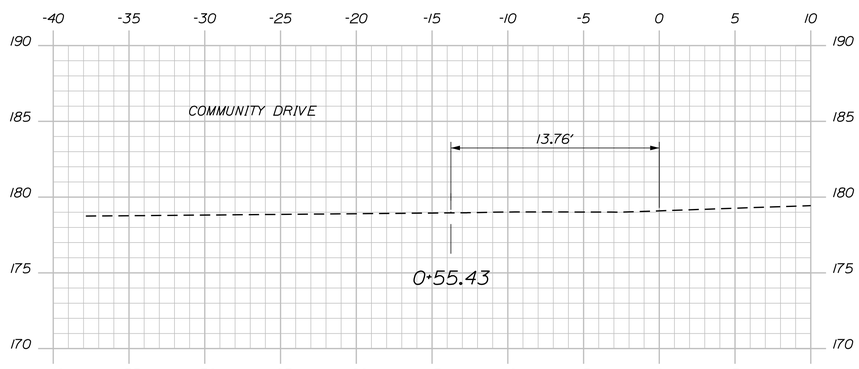


C = 4 CY
F = 0 CY

101+50.00



101+25.00



101+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No. 7960 — LICENSED PROFESSIONAL ENGINEER

		SIGNATURE	
		7960	P.E. NUMBER
		11/11/19	DATE

			BY	DATE
PROJ. MANAGER	A. GORNEAU, II			
DESIGN-DETAILED	ALG		JLE	11-19
CHECKED-REVIEWED	ALG		ALG	11-19
DESIGN2-DETAILED2	JLE			
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

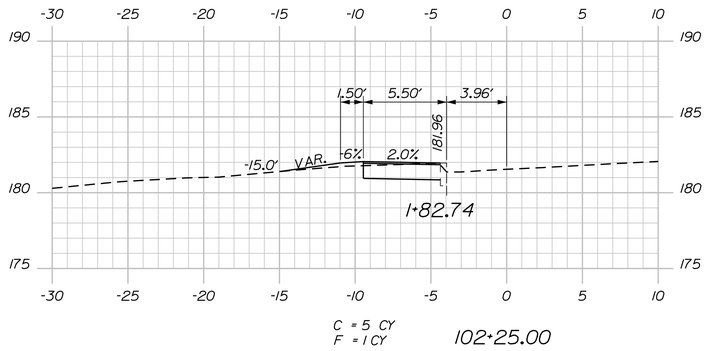
SHEET NUMBER

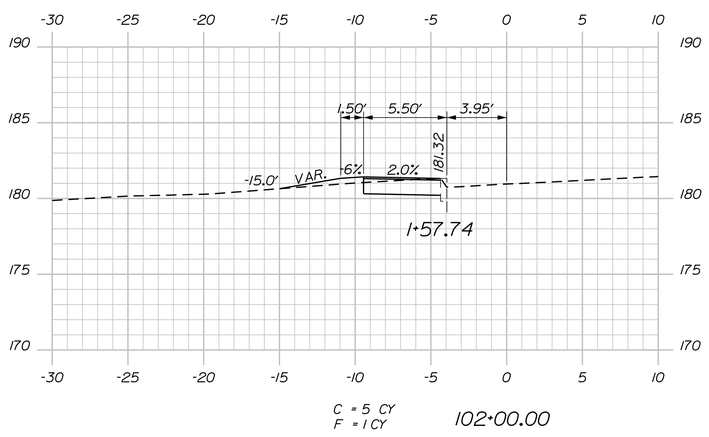
21

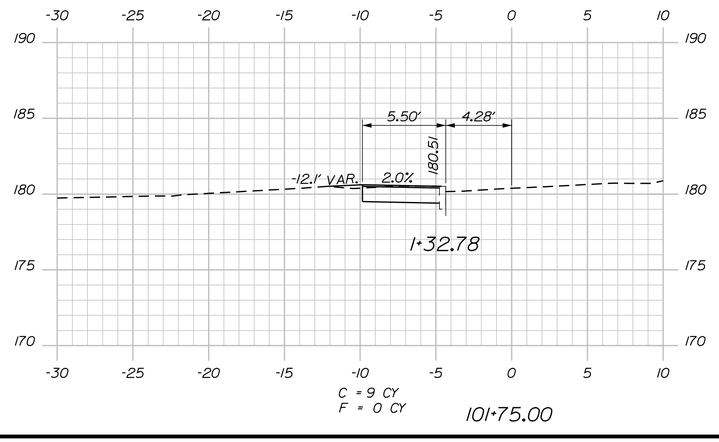
OF 52

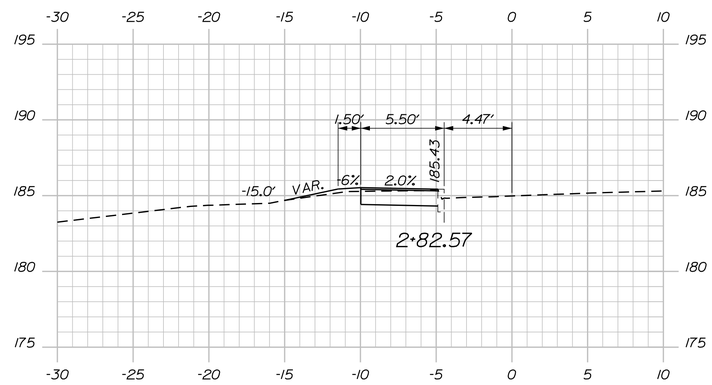
Sta. 100+00.00 to Sta. 101+50.00

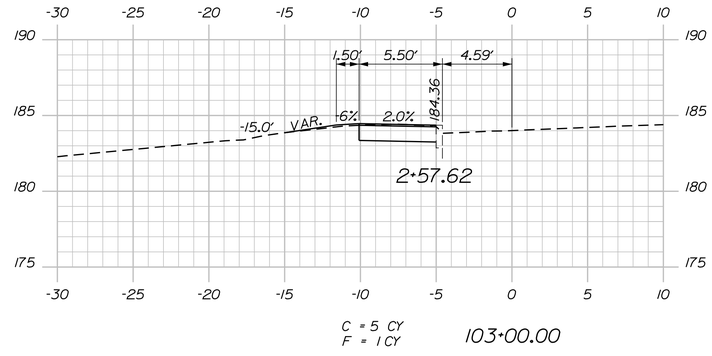
Filename: ...\021_XSECT_100+00_001.dgn Division: HIGHWAY Username: common Date:12/2/2019

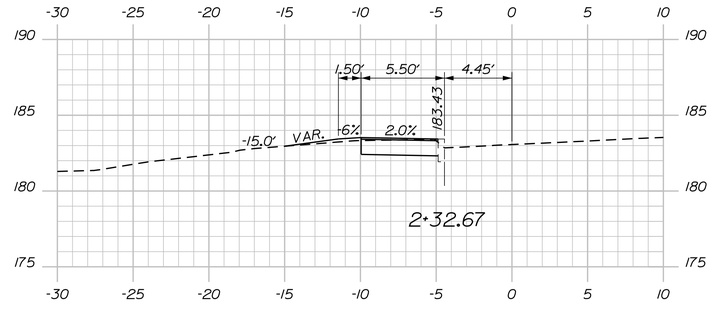


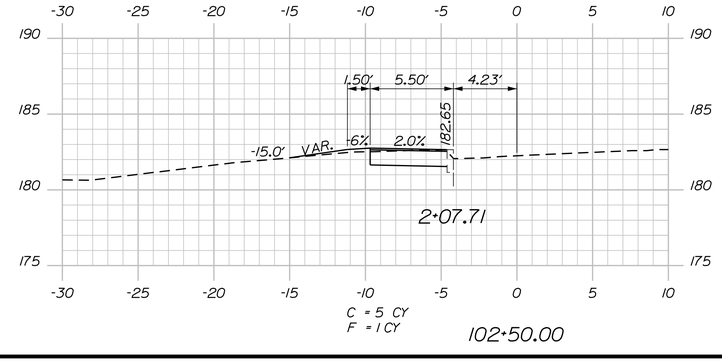












Sta. 101+75.00 to Sta. 103+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L EASON
No 7960
REGISTERED
PROFESSIONAL ENGINEER

SIGNATURE

7960
P.E. NUMBER

11/11/19
DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

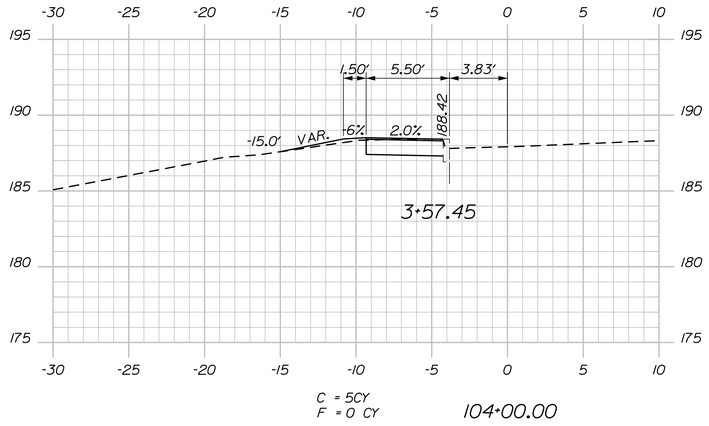
CROSS SECTIONS

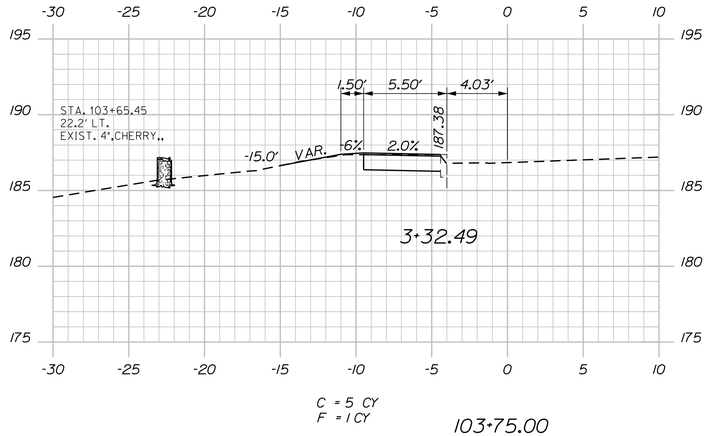
SHEET NUMBER

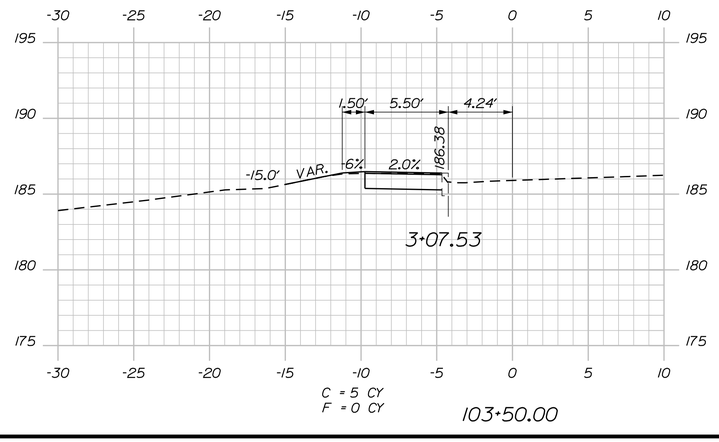
22

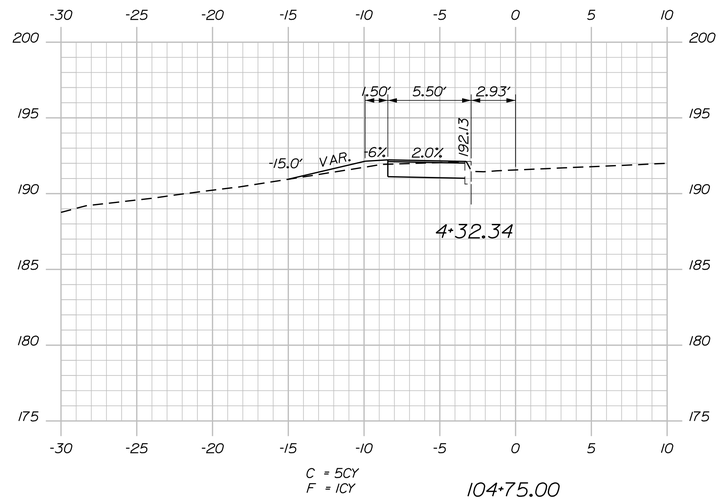
OF 52

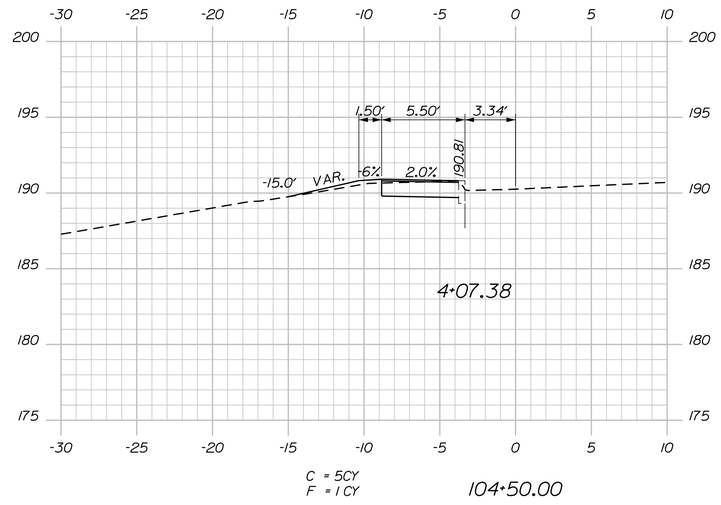
Filename: ...\022_XSECT_101+75_002.dgn Division: HIGHWAY Username: common Date:12/2/2019

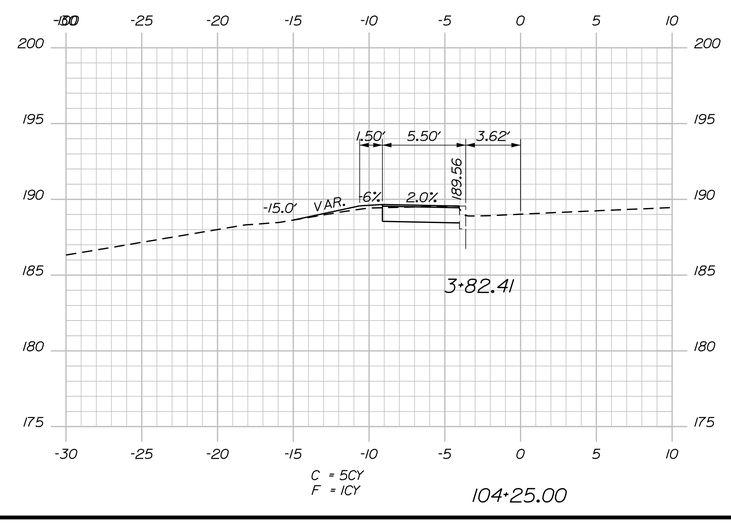












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON — No. 7960 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

7960 P.E. NUMBER

11/11/19 DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

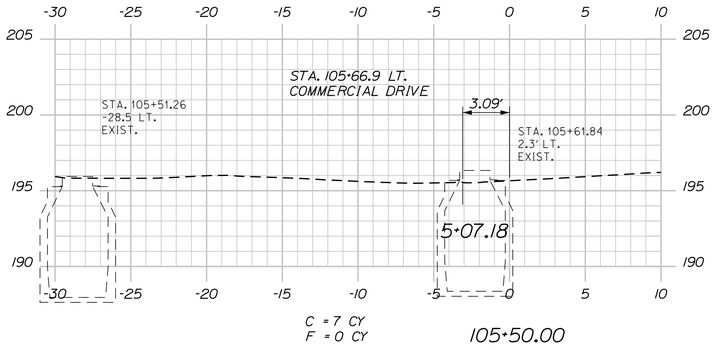
SHEET NUMBER

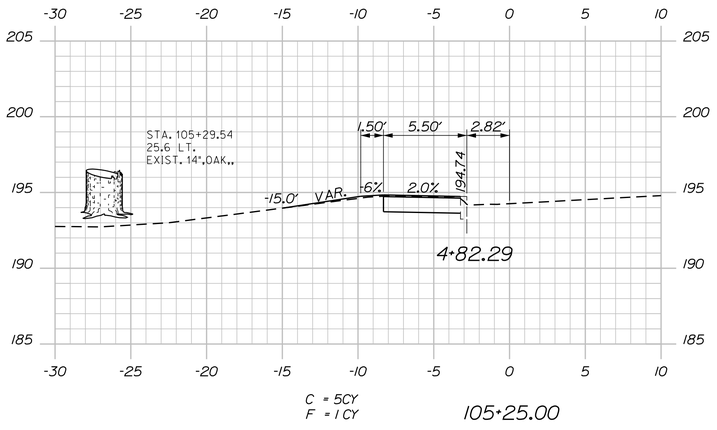
23

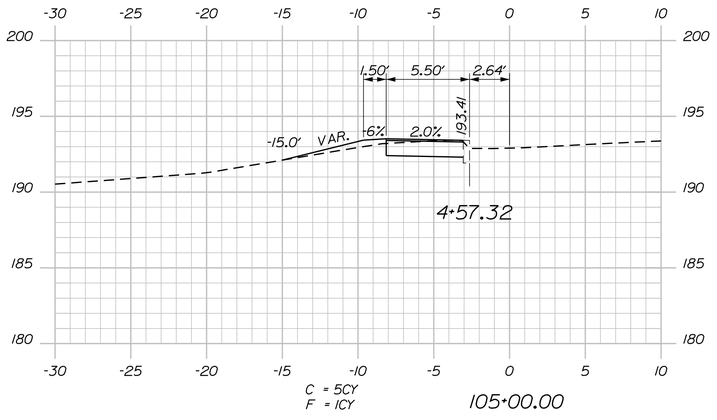
OF 52

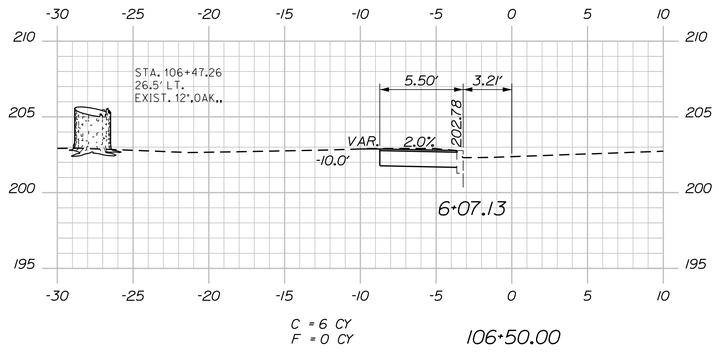
Sta. 103+50.00 to Sta. 104+75.00

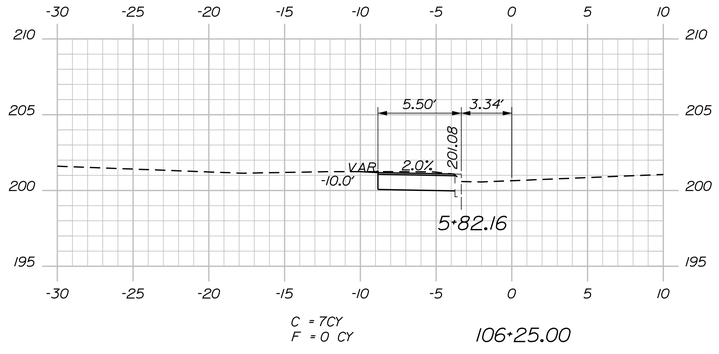
Filename: ...\023_XSECT_103+50_003.dgn Division: HIGHWAY Username: common Date:12/2/2019

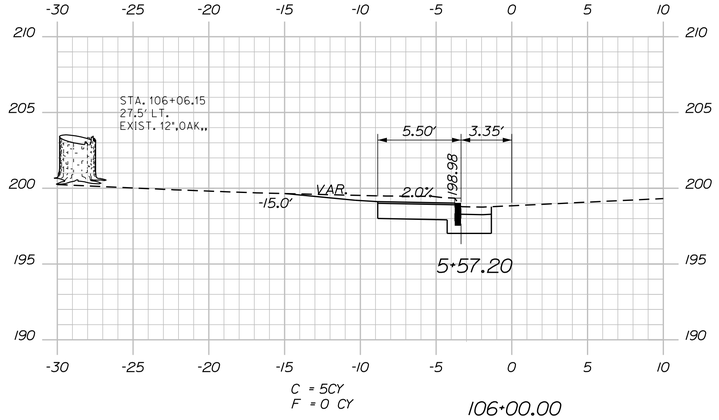


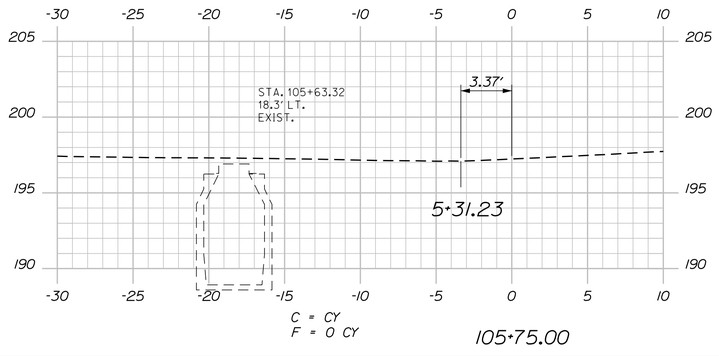












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON · No 7960 · LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

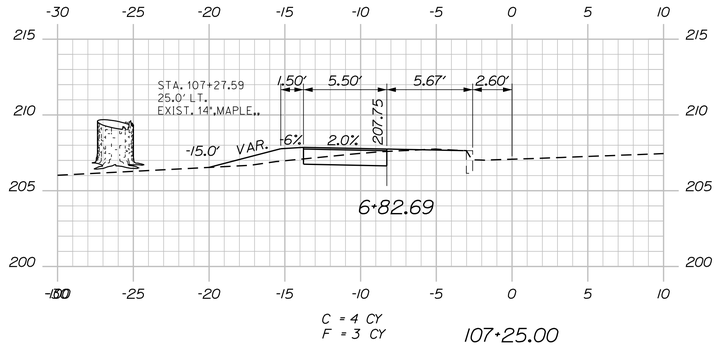
SHEET NUMBER

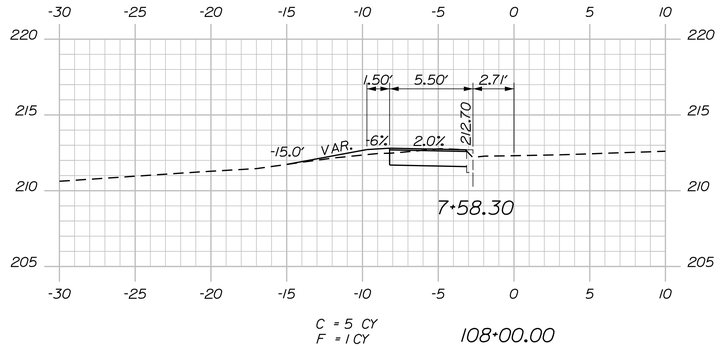
24

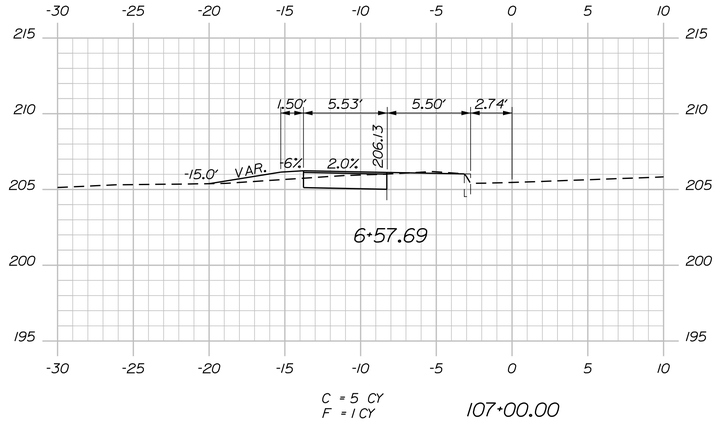
OF 52

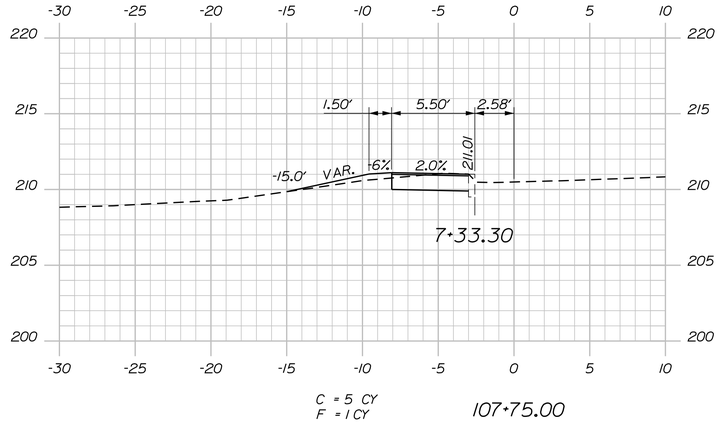
Sta. 105+00.00 to Sta. 106+50.00

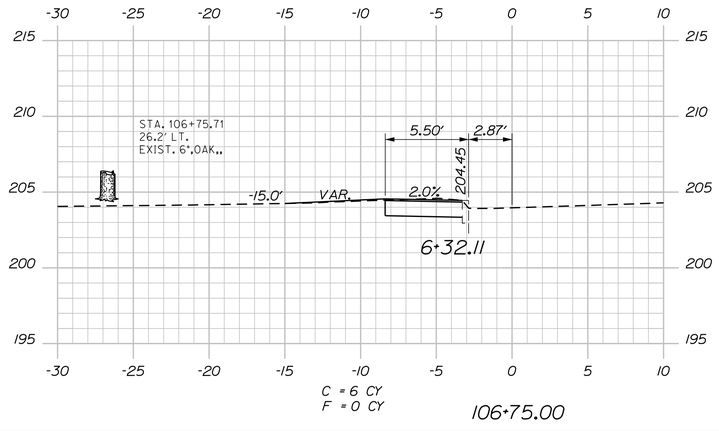
Filename: ...\024_XSECT_105+00_004.dgn Division: HIGHWAY Username: common Date:12/2/2019

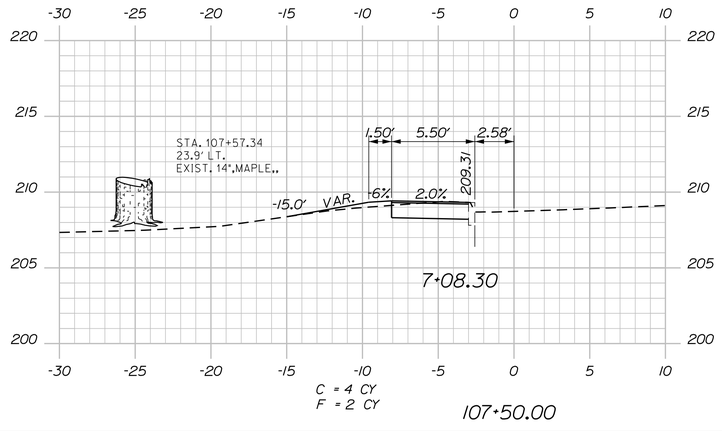












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE		
7960		
P.E. NUMBER		
11/11/19		
DATE		

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

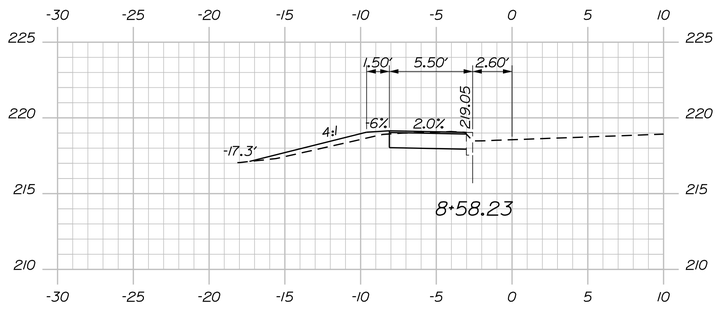
SHEET NUMBER

25

OF 52

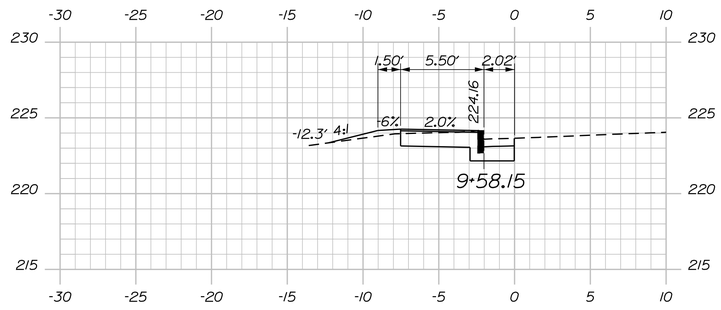
Sta. 106+75.00 to Sta. 108+00.00

Filename: ...\025_XSECT_106+75_005.dgn Division: HIGHWAY Username: common Date:12/2/2019



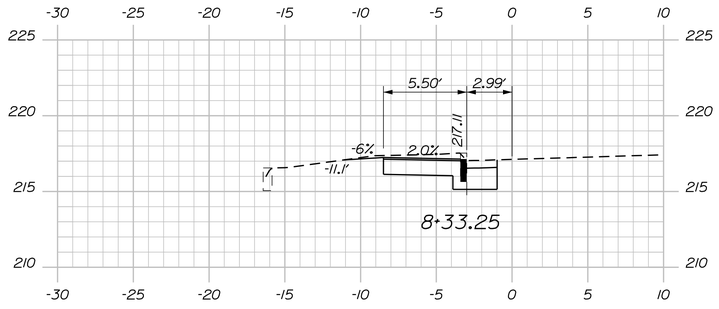
C = 7 CY
F = 0 CY

109+00.00



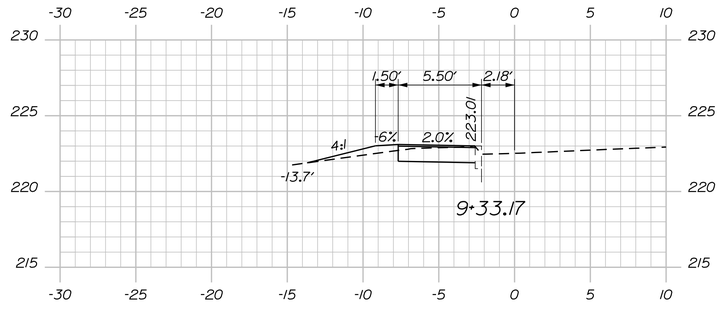
C = 5 CY
F = 2 CY

110+00.00



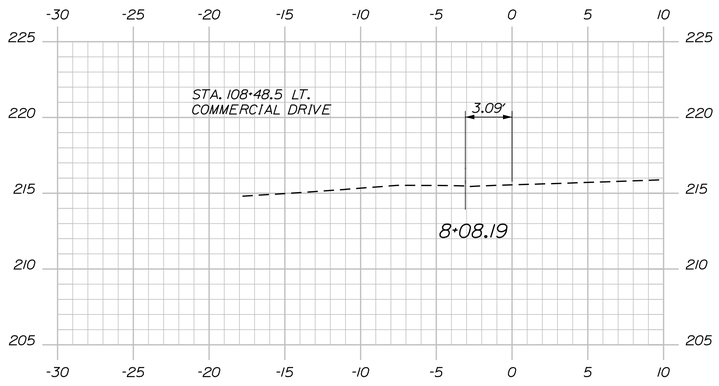
C = 5 CY
F = 0 CY

108+75.00



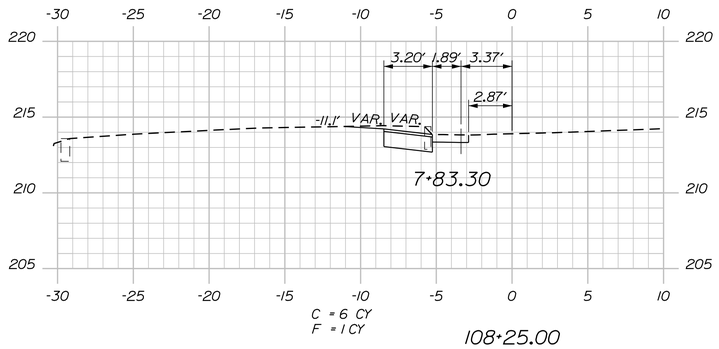
C = 4 CY
F = 3 CY

109+75.00



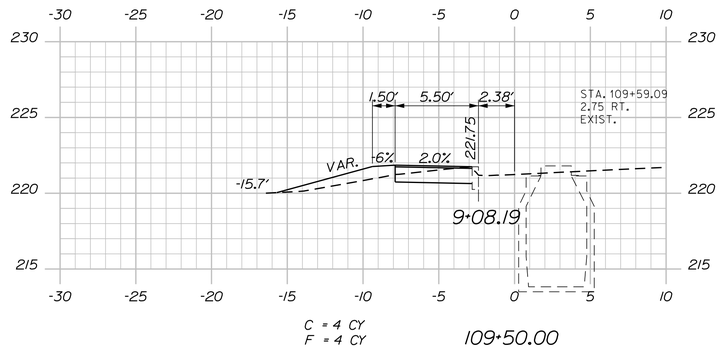
C = 1 CY
F = 0 CY

108+50.00



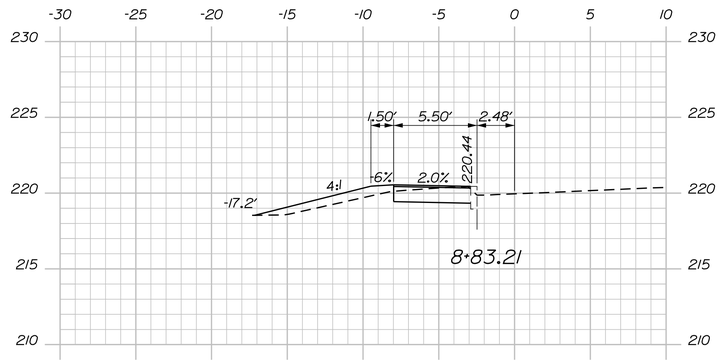
C = 6 CY
F = 1 CY

108+25.00



C = 4 CY
F = 4 CY

109+50.00



C = 5 CY
F = 3 CY

109+25.00

Filename: ...\026_XSECT_108+25_006.dgn Division: HIGHWAY Username: common Date:12/2/2019

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASTON
No. 7960
REGISTERED PROFESSIONAL ENGINEER

		BY	DATE
PROJ. MANAGER	A. GORNEAU, II		
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG		11-19
DESIGN2-DETAILED2	JLE		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

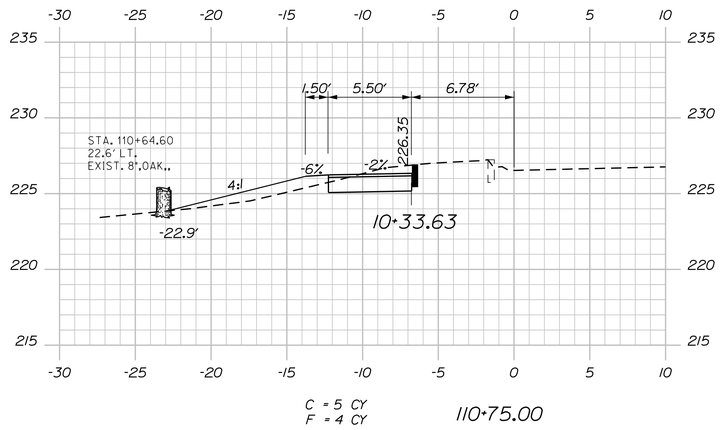
SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

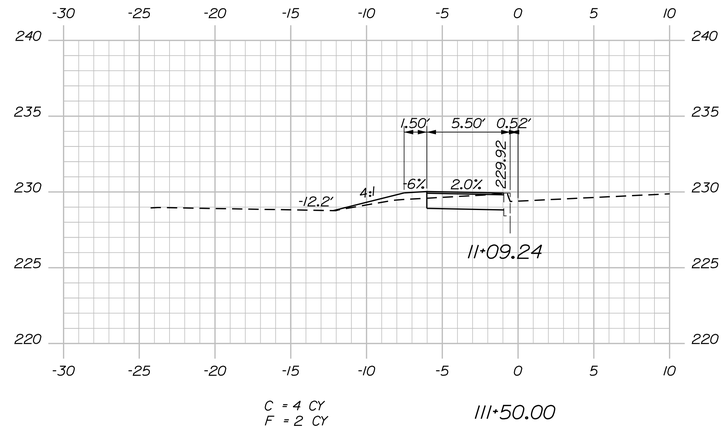
AUGUSTA
CIVIC CENTER DRIVE

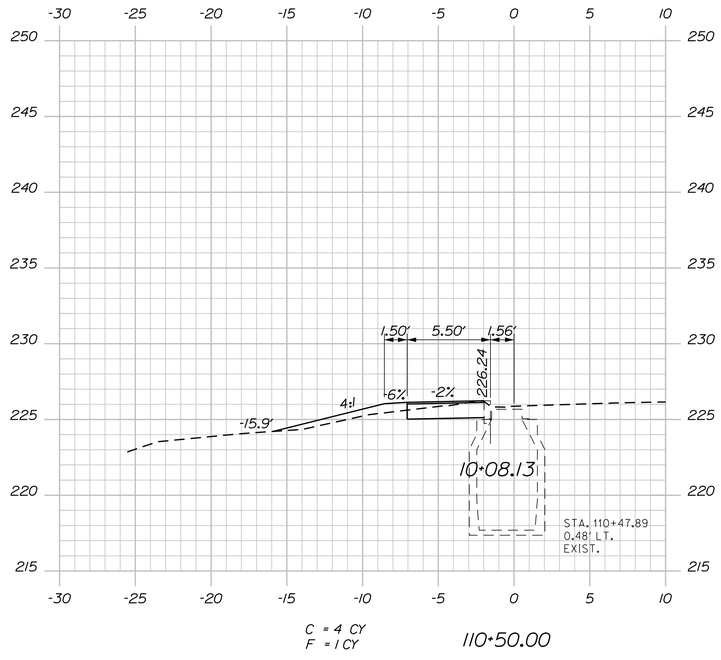
CROSS SECTIONS

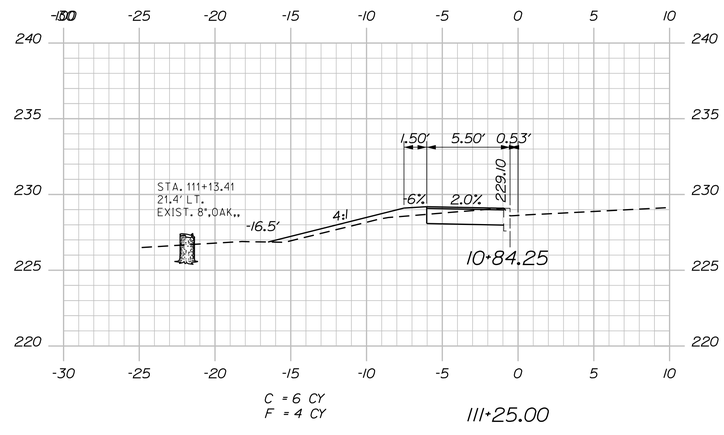
SHEET NUMBER
26
OF 52

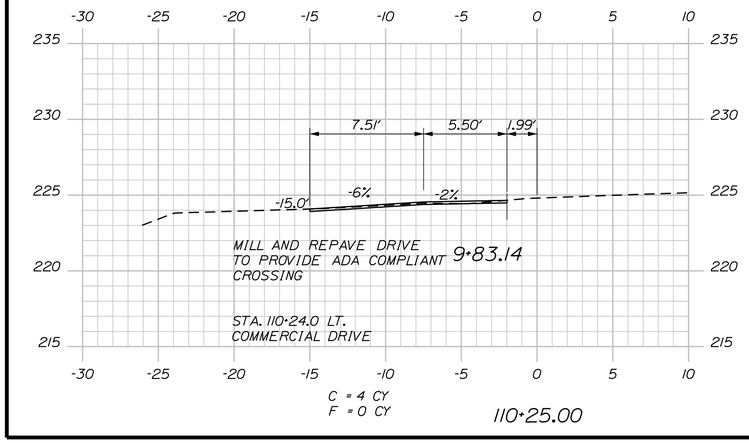
Sta. 108+25.00 to Sta. 110+00.00

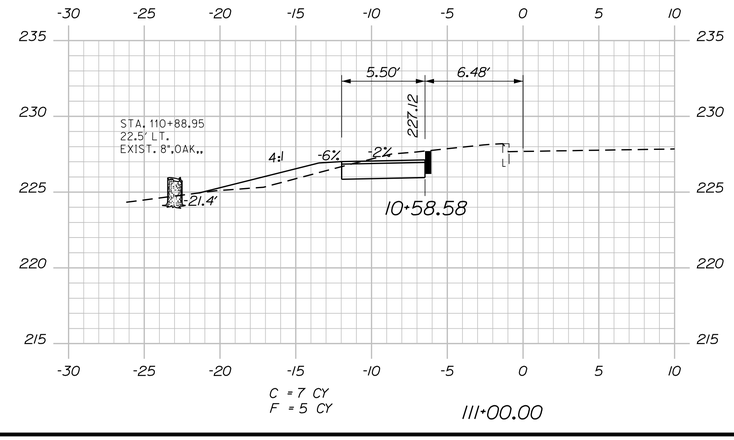












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON — No. 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2	JLE	11-19
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

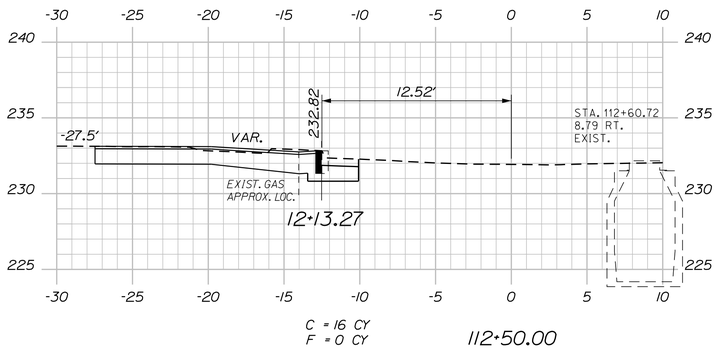
SHEET NUMBER

27

OF 52

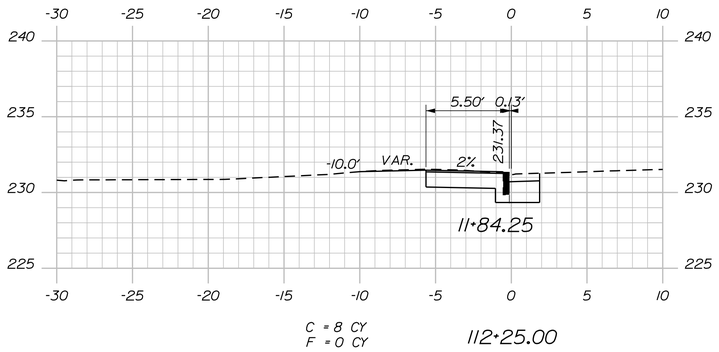
Filename: ...\027_XSECT_110+25_007.dgn Division: HIGHWAY Username: common Date:12/2/2019

Sta. 110+25.00 to Sta. 111+50.00



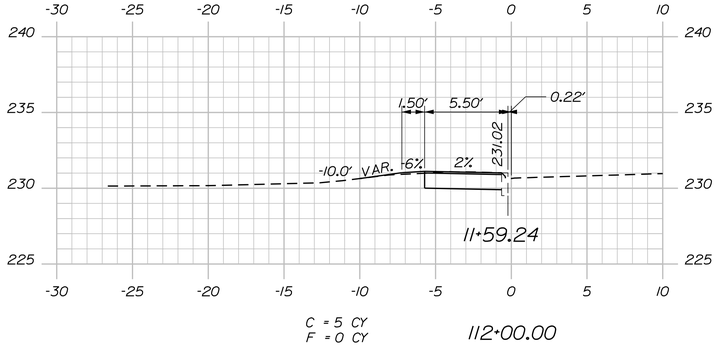
C = 16 CY
F = 0 CY

112+50.00



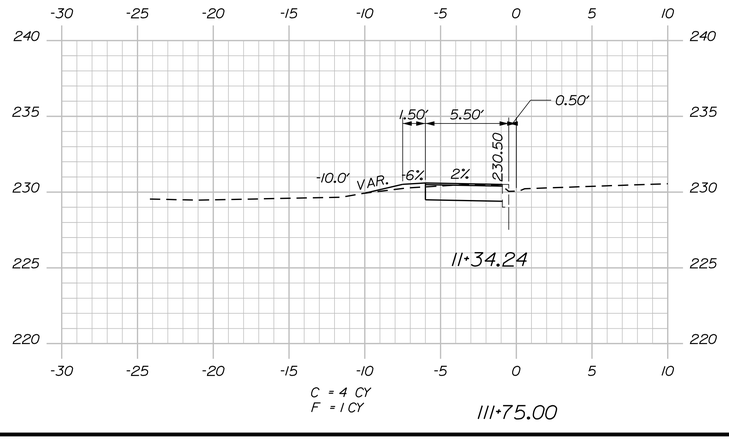
C = 8 CY
F = 0 CY

112+25.00



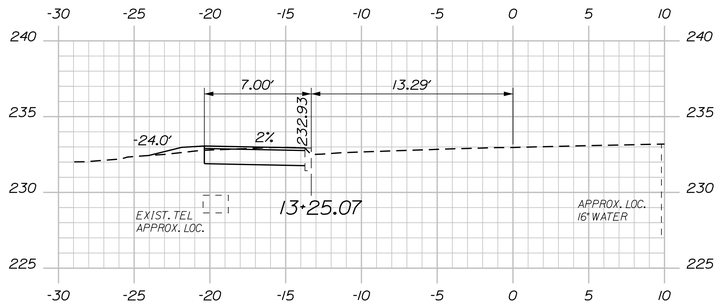
C = 5 CY
F = 0 CY

112+00.00



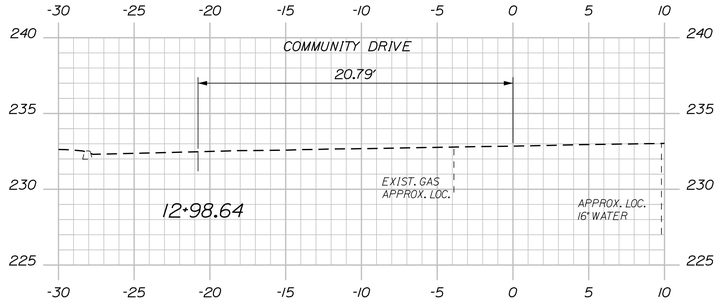
C = 4 CY
F = 1 CY

111+75.00



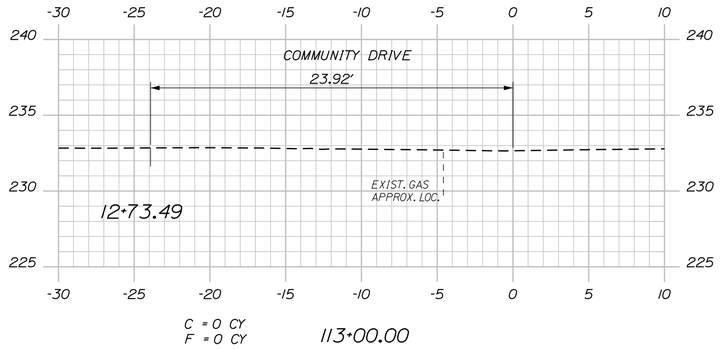
C = 5 CY
F = 1 CY

113+50.00



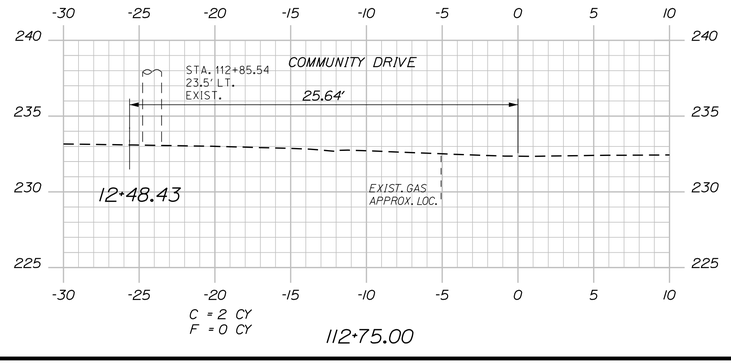
C = 0 CY
F = 0 CY

113+25.00



C = 0 CY
F = 0 CY

113+00.00



C = 2 CY
F = 0 CY

112+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASON
No. 7960
REGISTERED
PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

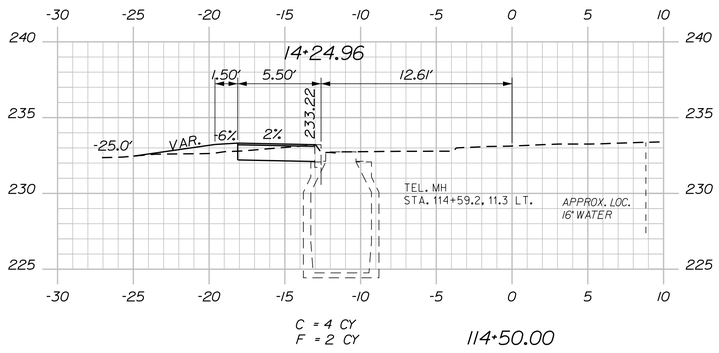
AUGUSTA
CIVIC CENTER DRIVE

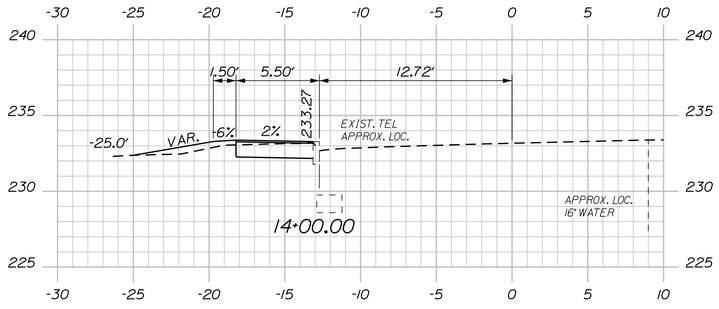
CROSS SECTIONS

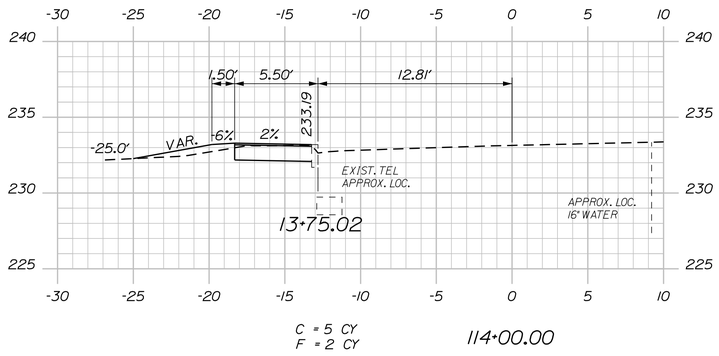
SHEET NUMBER
28
OF 52

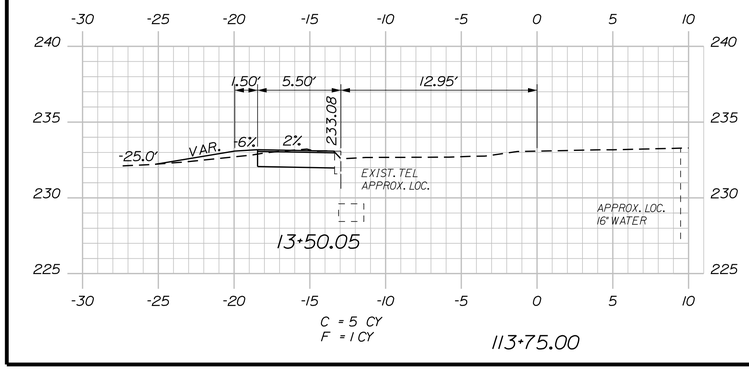
Sta. 111+75.00 to Sta. 113+50.00

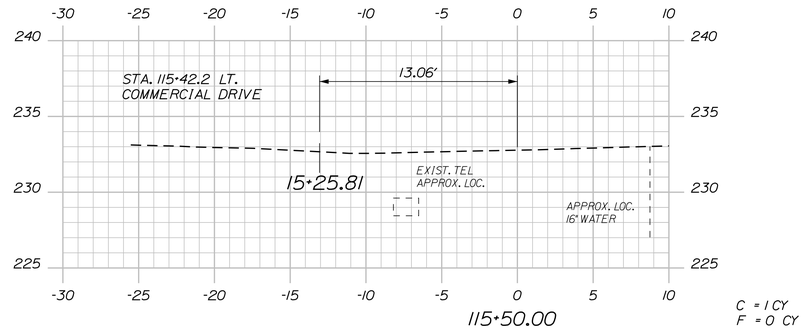
Filename: ...\028_XSECT_111+75_008.dgn Division: HIGHWAY Username: common Date:12/2/2019

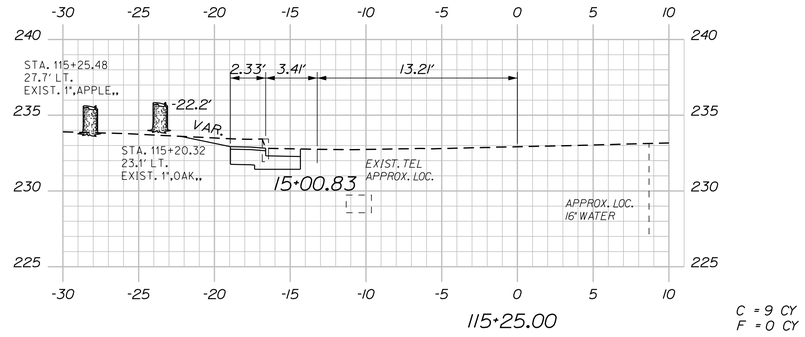


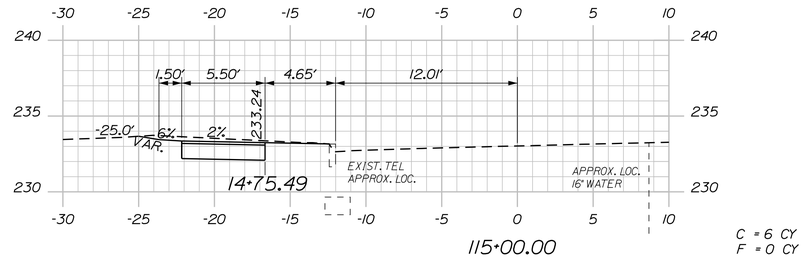


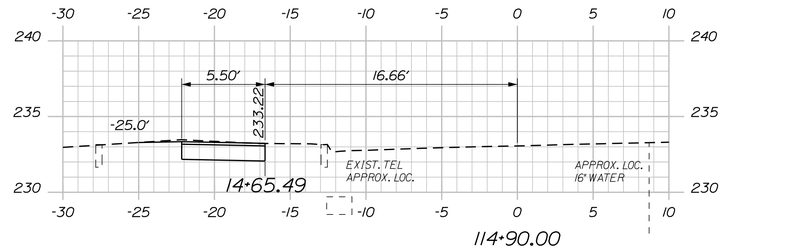


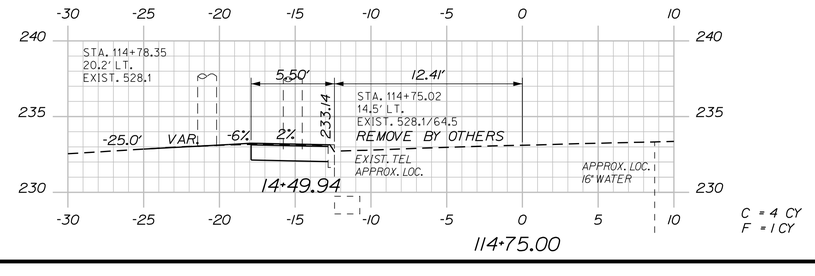












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L. EASON · No. 7960 · REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

7960
P.E. NUMBER

11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

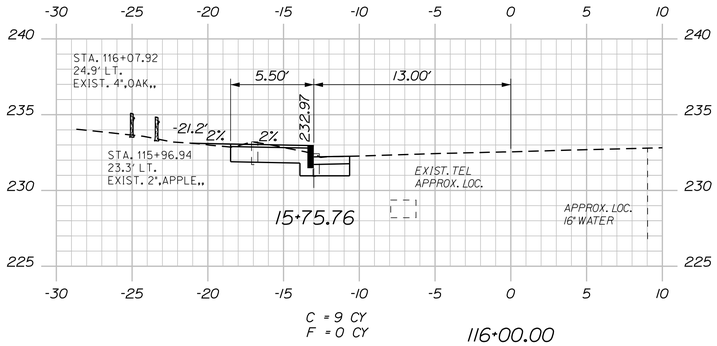
SHEET NUMBER

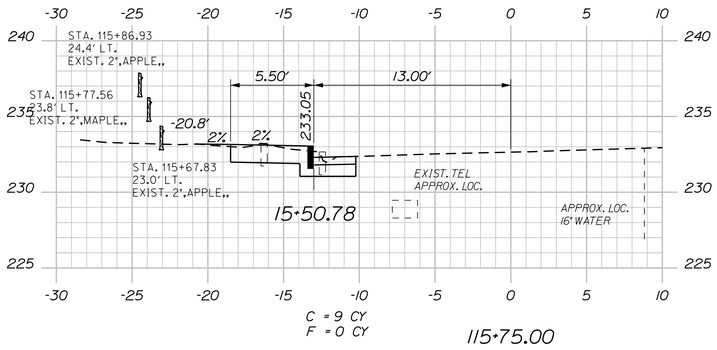
29

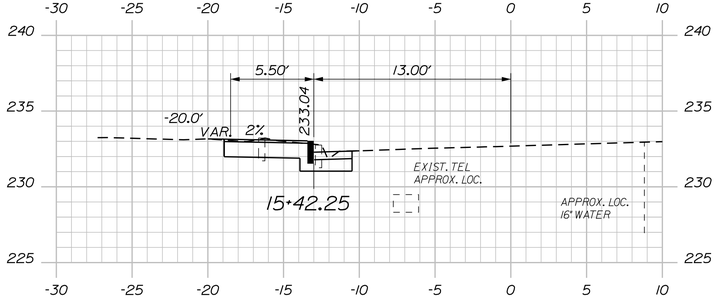
OF 52

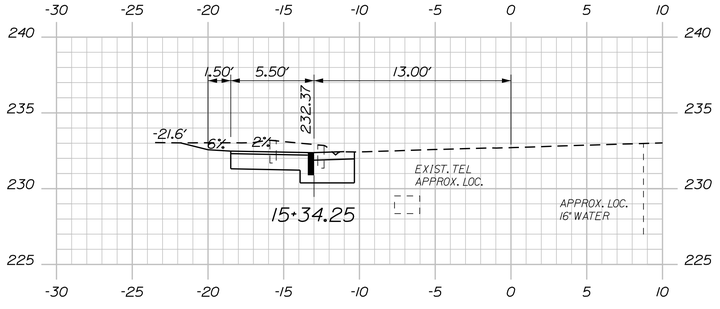
Sta. 113+75.00 to Sta. 115+50.00

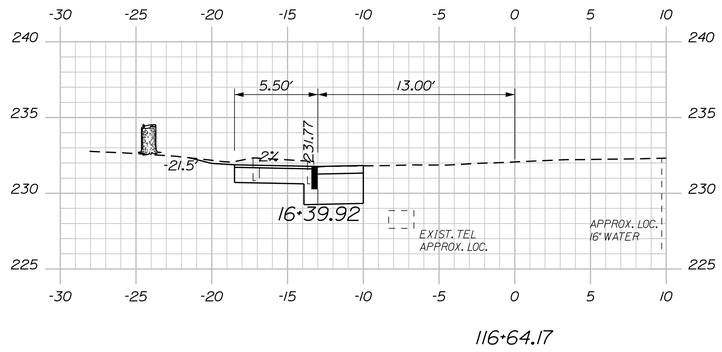
Filename: ...\029_XSECT_113+75_009.dgn Division: HIGHWAY Username: common Date:12/2/2019

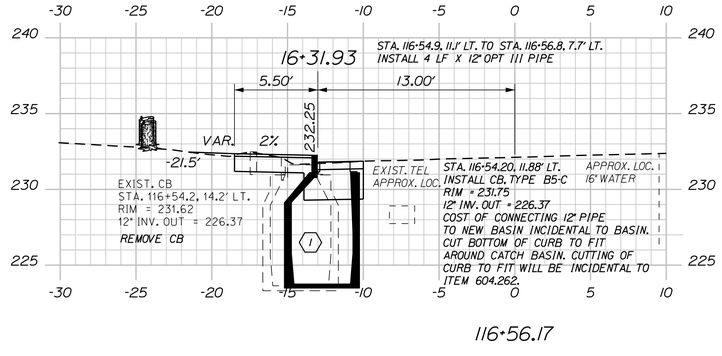


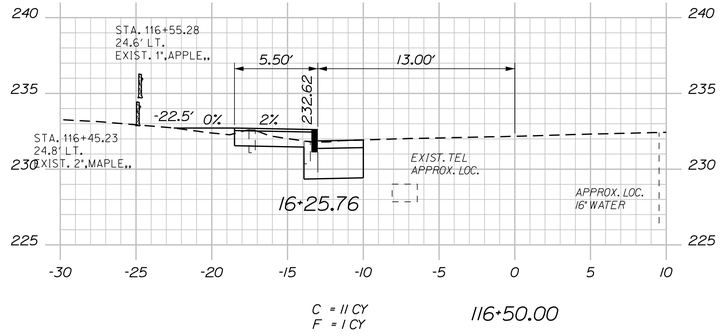


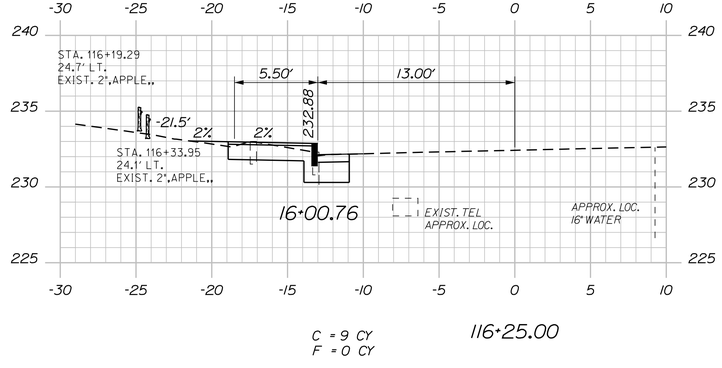












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASON
No. 7960
LICENSED PROFESSIONAL ENGINEER

SIGNATURE

7960
P.E. NUMBER

11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

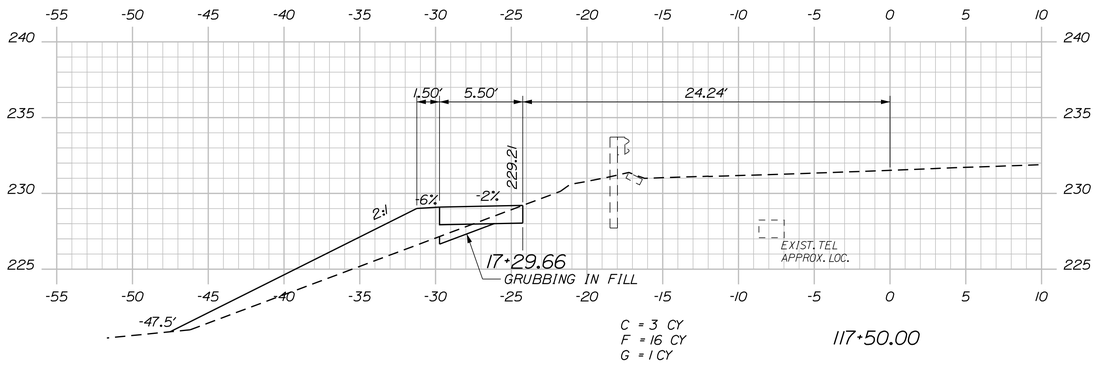
SHEET NUMBER

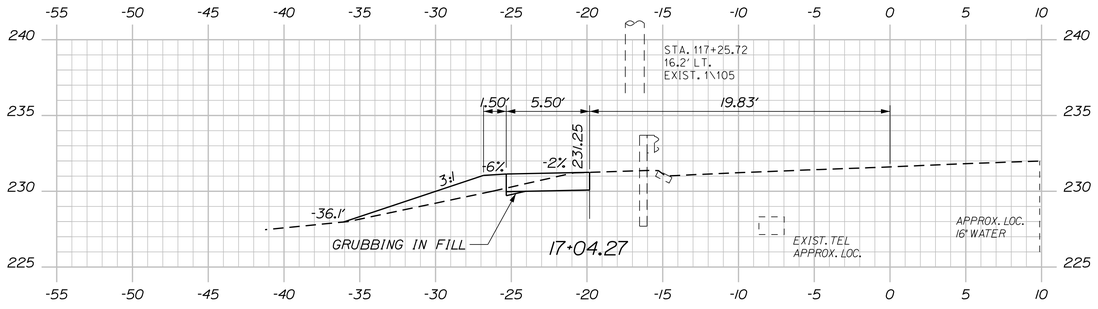
30

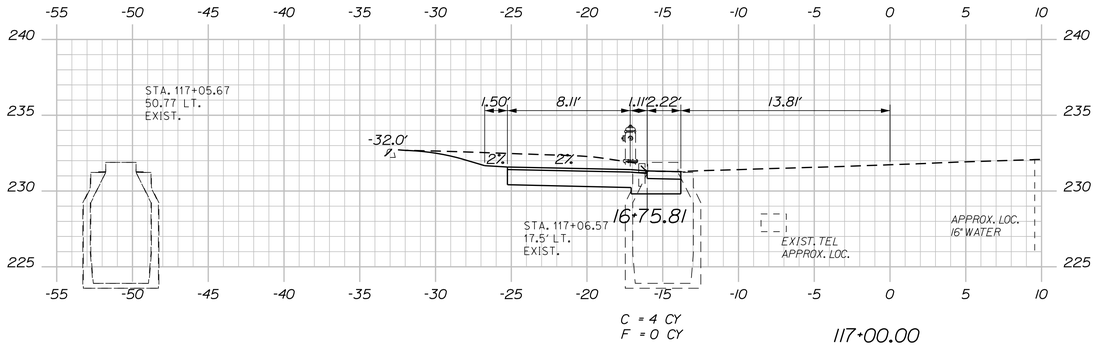
OF 52

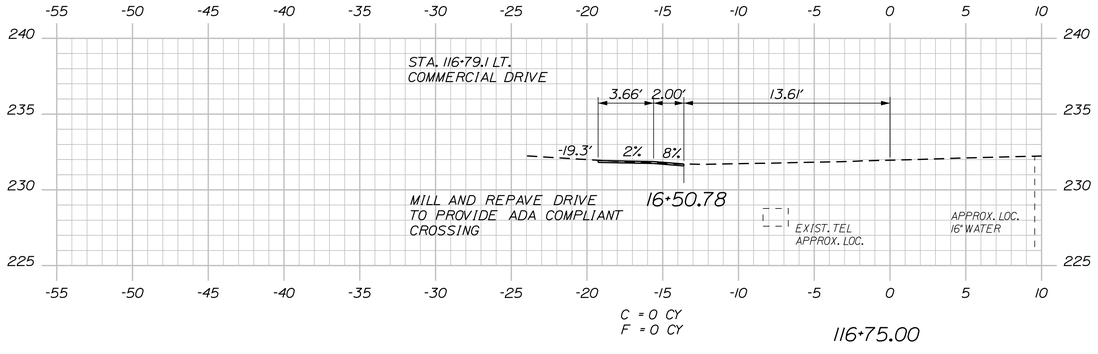
Sta. 115+58.45 to Sta. 116+64.17

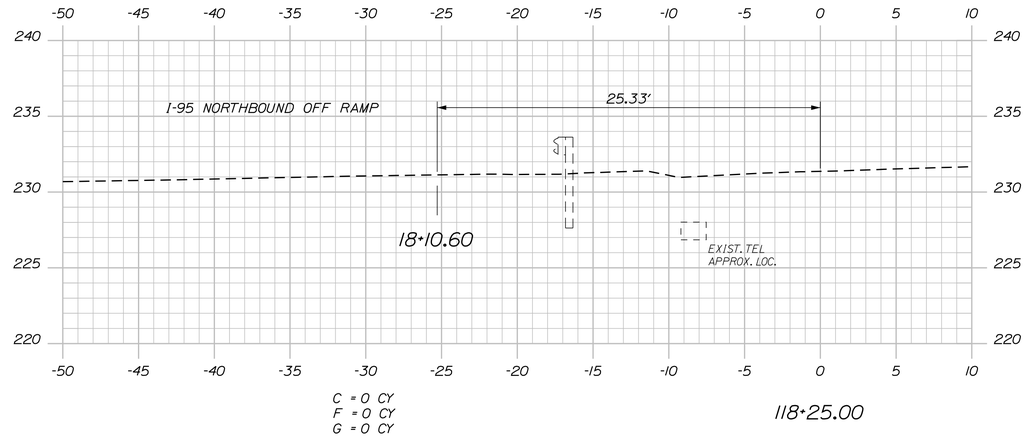
Filename: ...\030_XSECT_115+58_010.dgn Division: HIGHWAY Username: common Date:12/2/2019

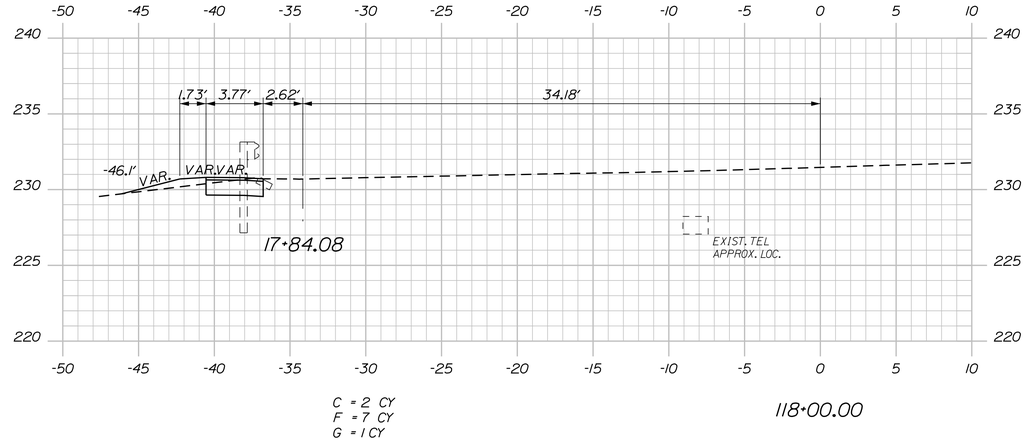


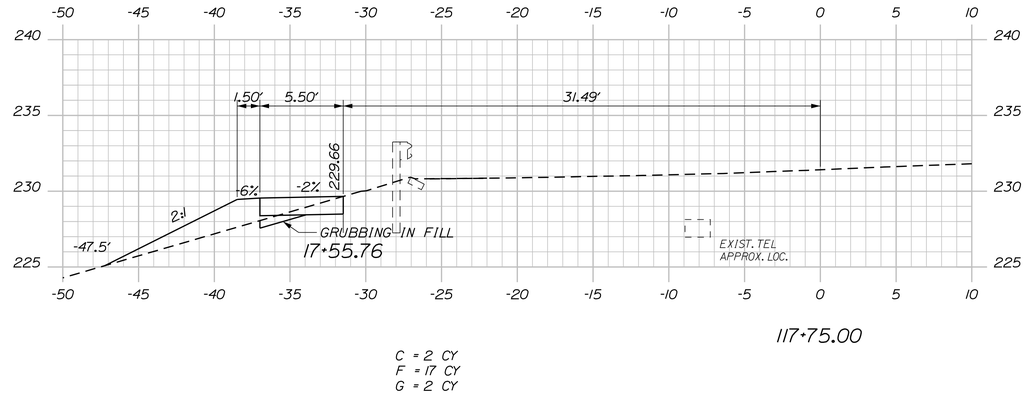












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON — No 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

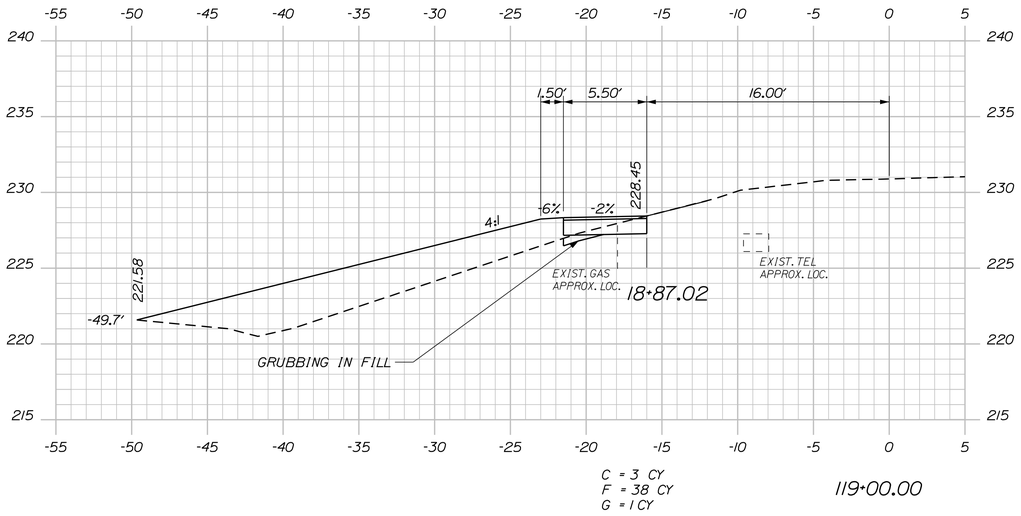
SHEET NUMBER

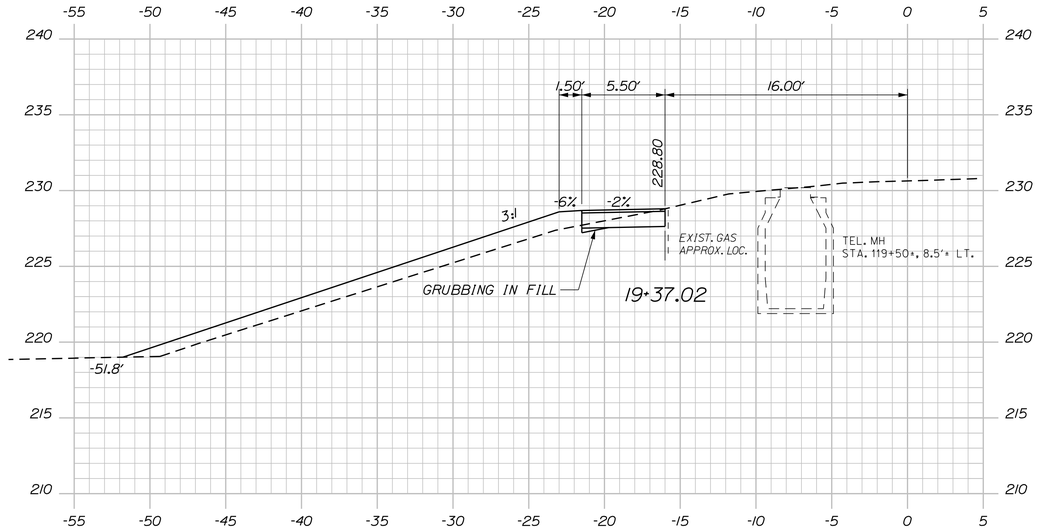
31

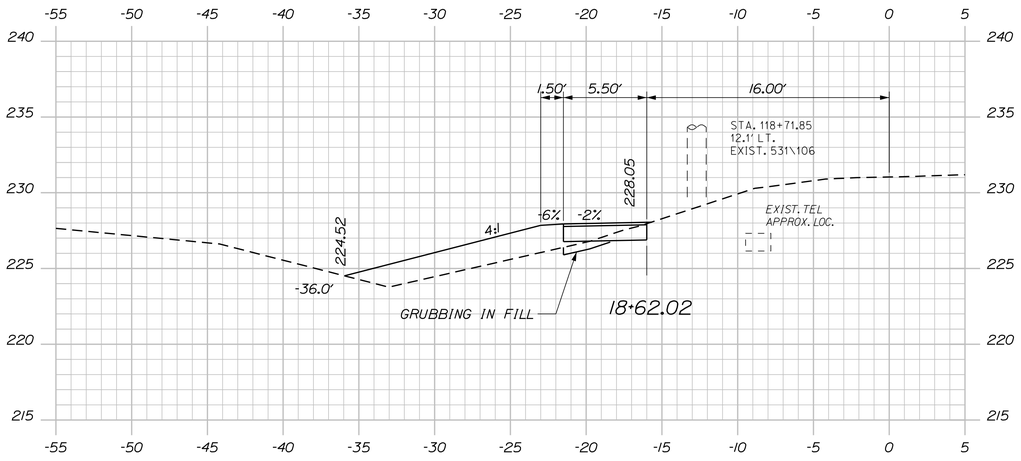
OF 52

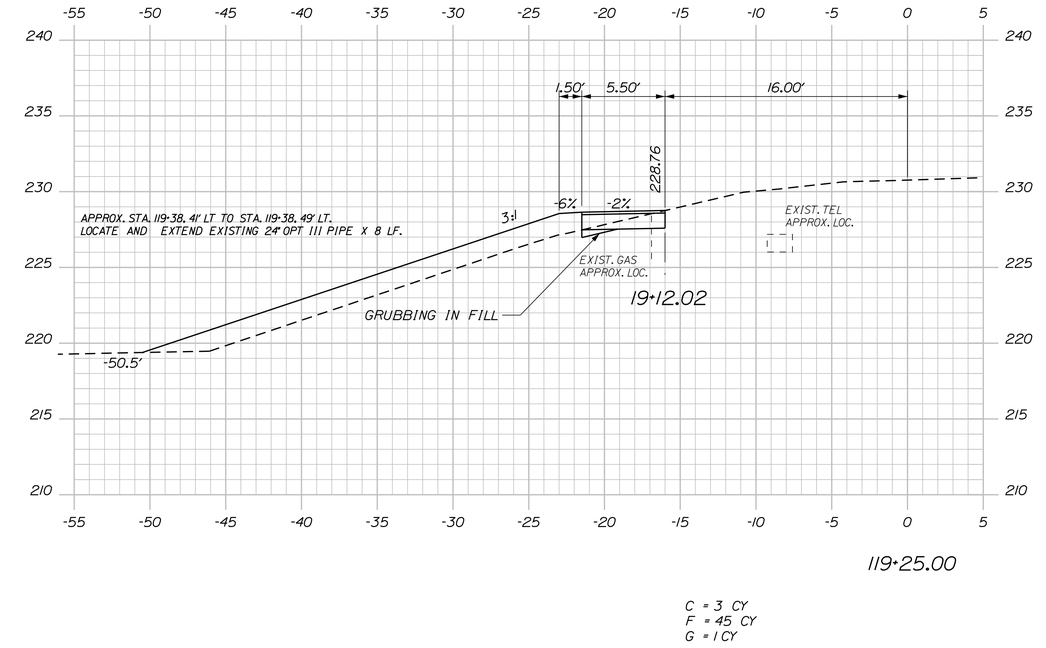
Filename: ...\031_XSECT_116+75_011.dgn Division: HIGHWAY Username: common Date:12/2/2019

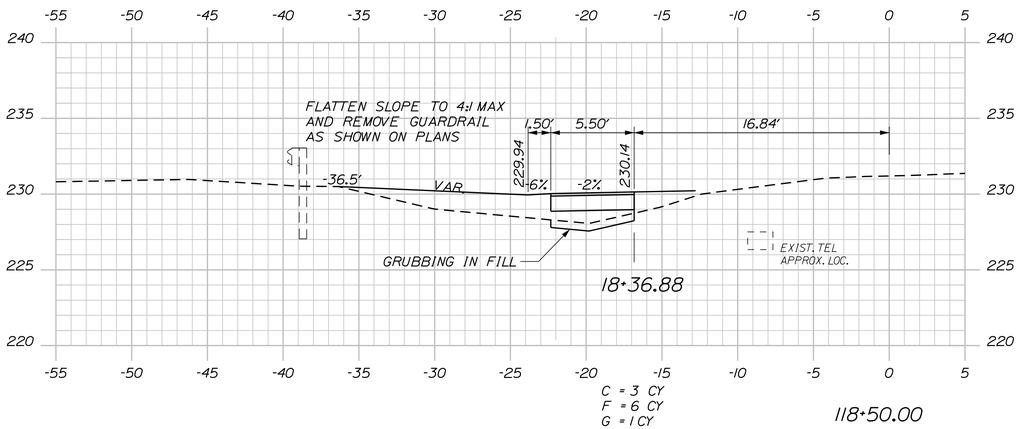
Sta. 116+75.00 to Sta. 118+25.00











Sta. 118+50.00 to Sta. 119+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L EASON
No 7960
LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

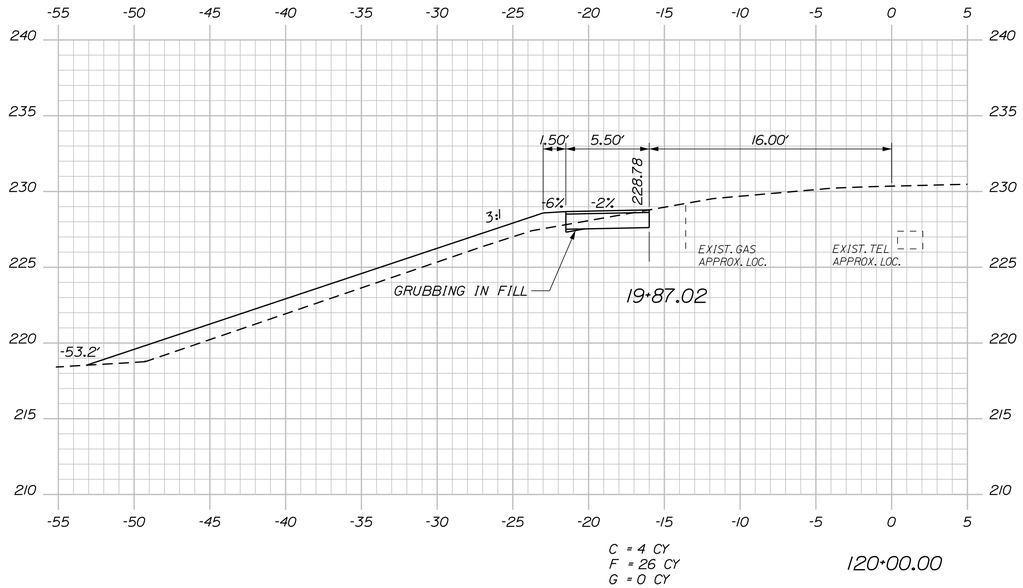
CROSS SECTIONS

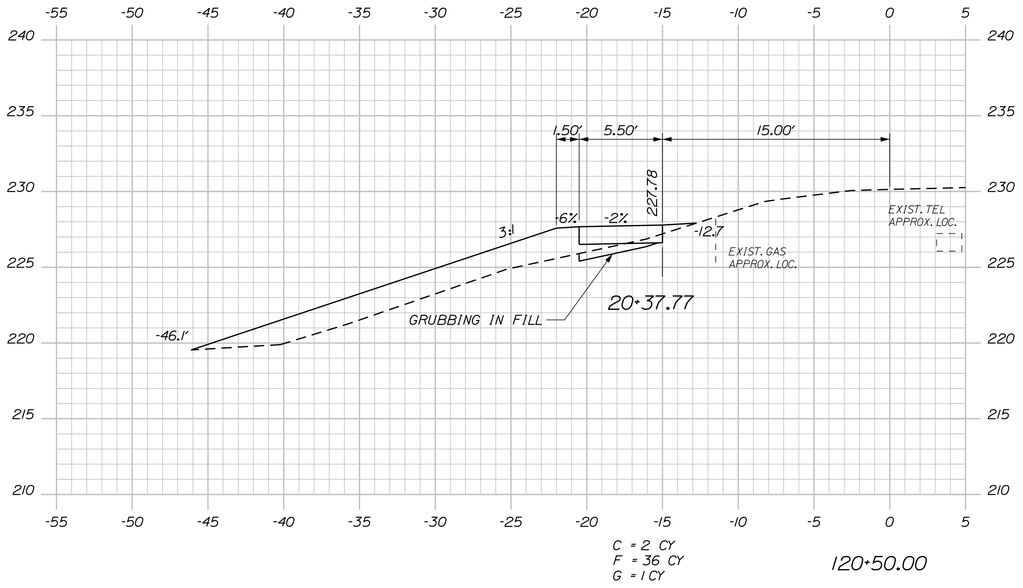
SHEET NUMBER

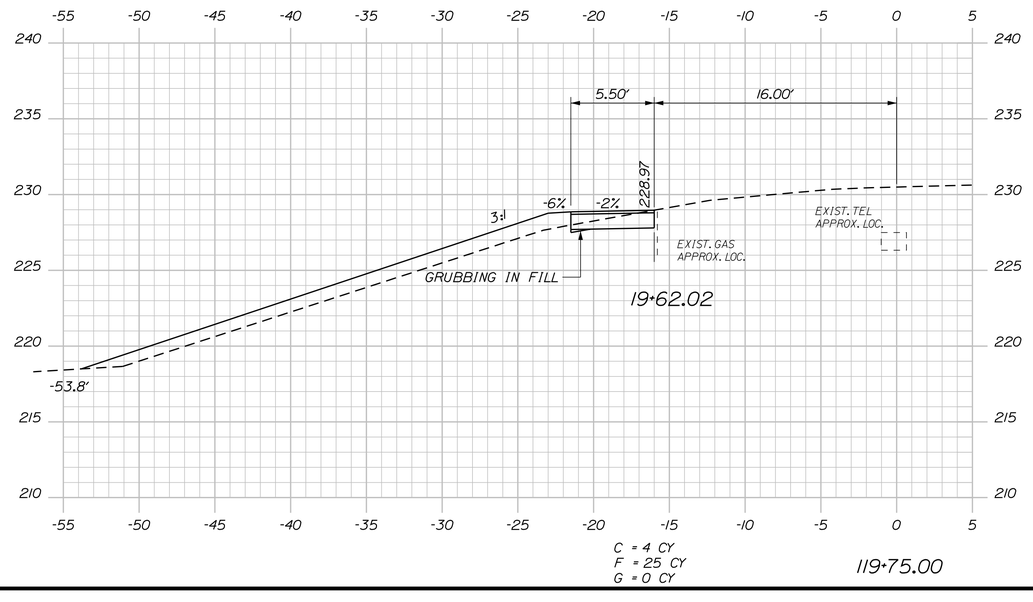
32

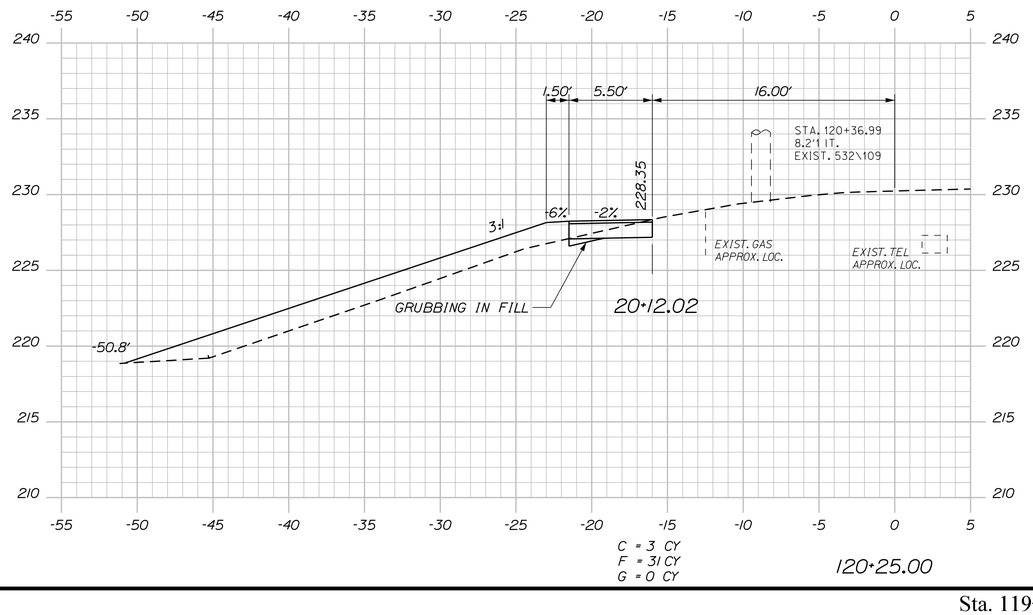
OF 52

Filename: ...\032_XSECT_118+50_012.dgn Division: HIGHWAY Username: common Date:12/2/2019









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L. EASON — No. 7960 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

7960 P.E. NUMBER

11/11/19 DATE

		BY	DATE
PROJ. MANAGER	A. GORNEAU, II		
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG		11-19
DESIGN2-DETAILED2	JLE		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

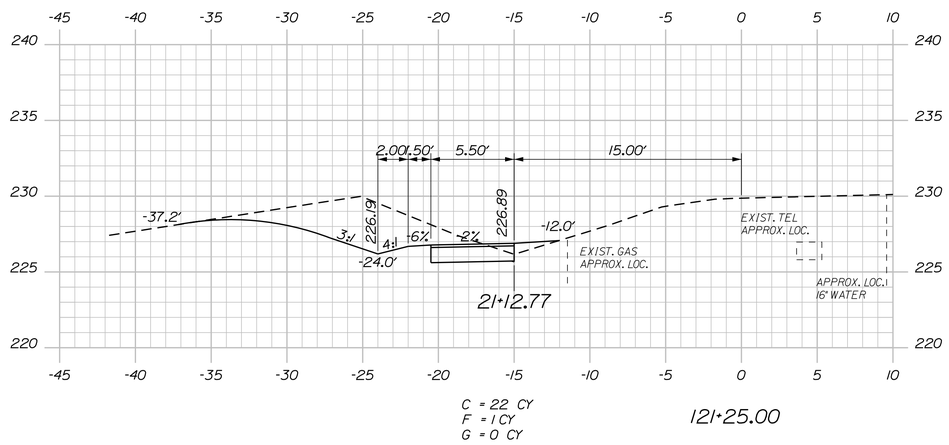
SHEET NUMBER

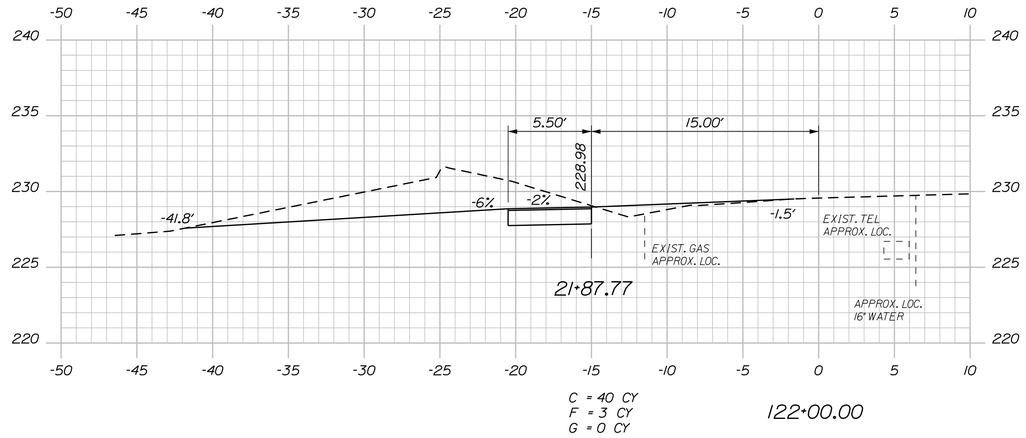
33

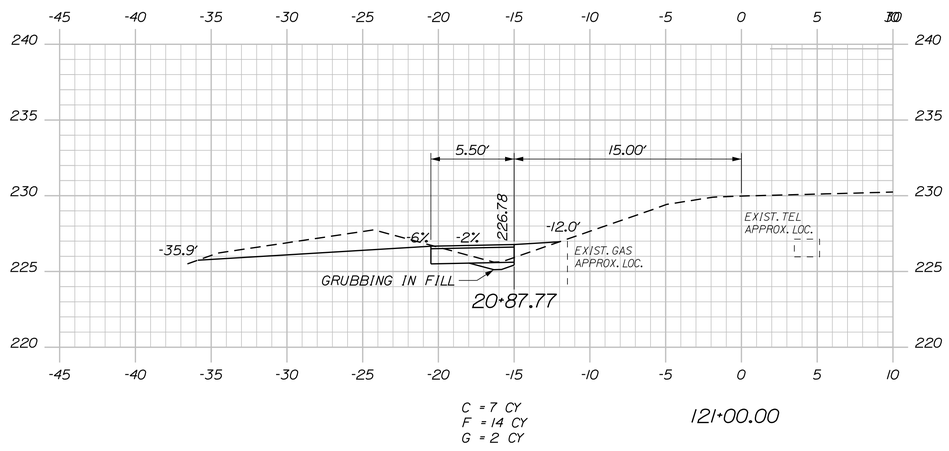
OF 52

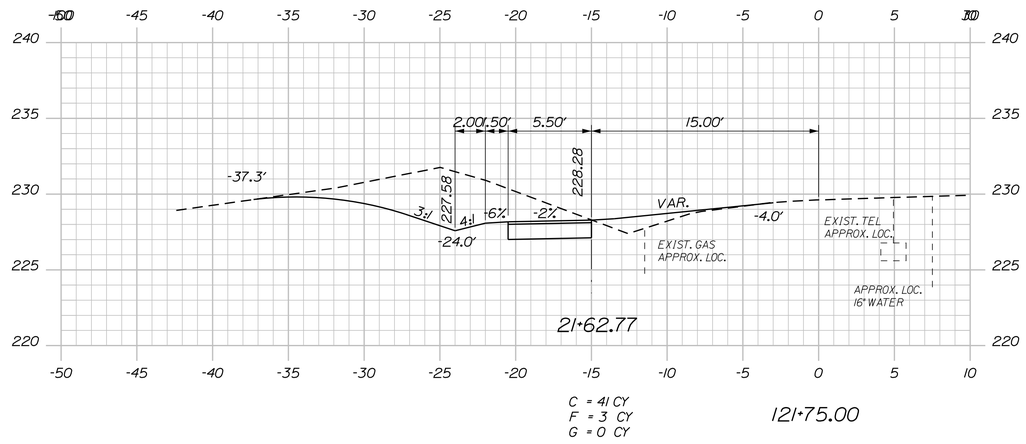
Sta. 119+75.00 to Sta. 120+50.00

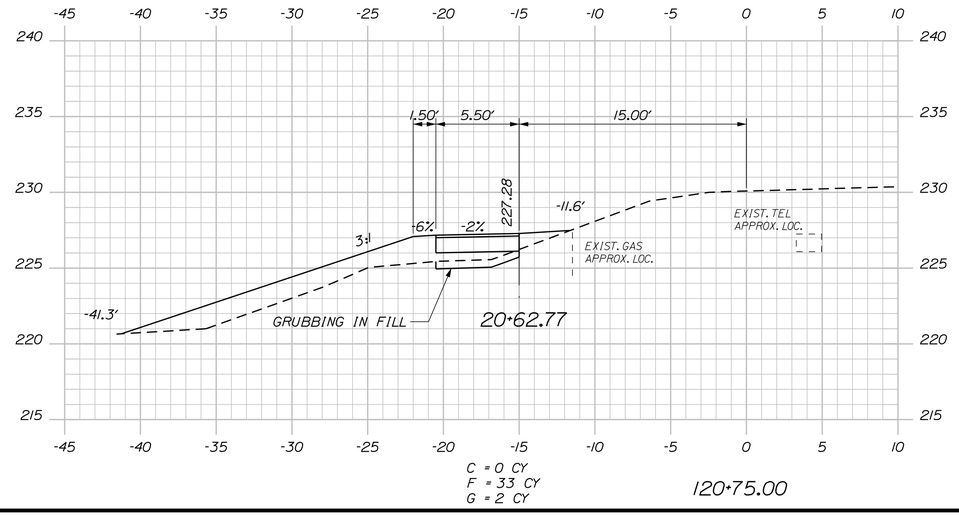
Filename: ...\033_XSECT_119+75_013.dgn Division: HIGHWAY Username: common Date:12/2/2019

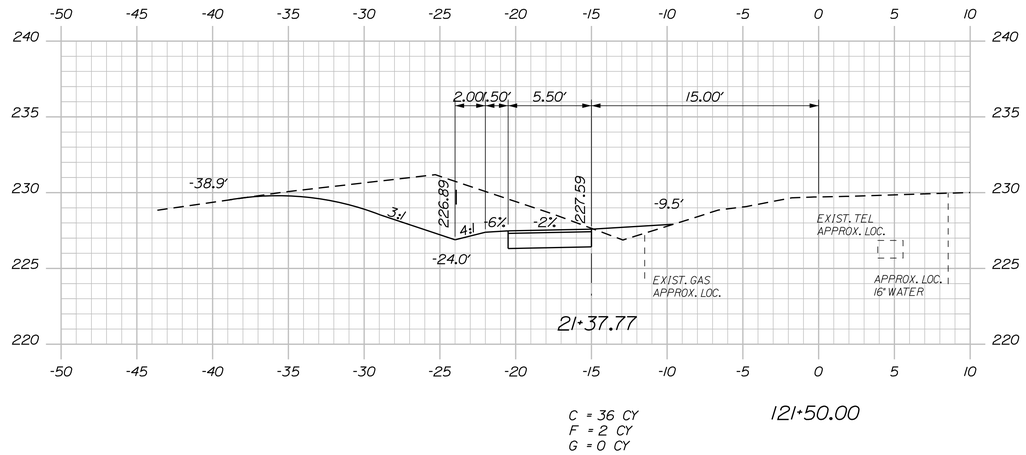












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L EASON
No 7960
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

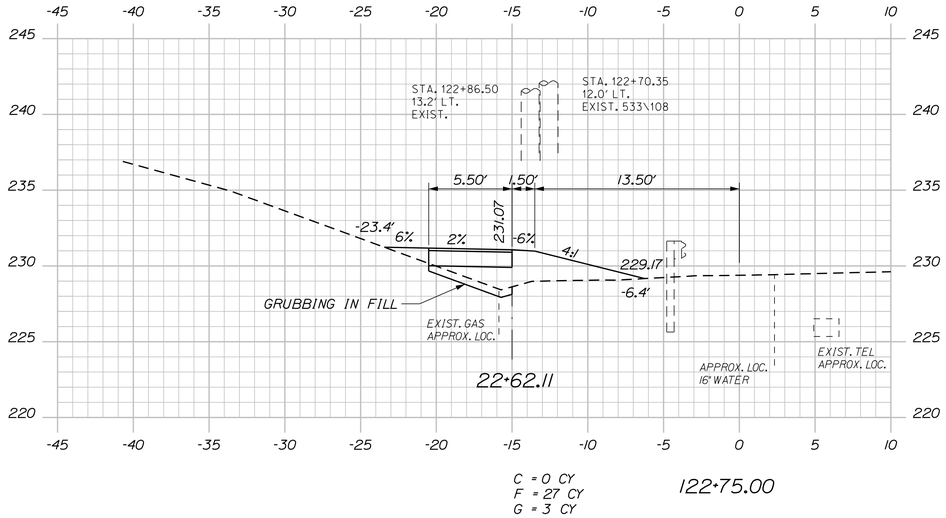
SHEET NUMBER

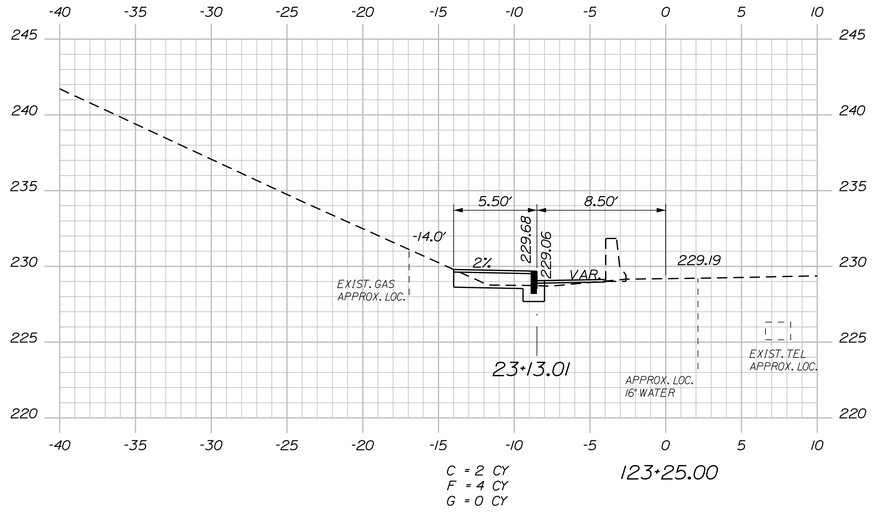
34

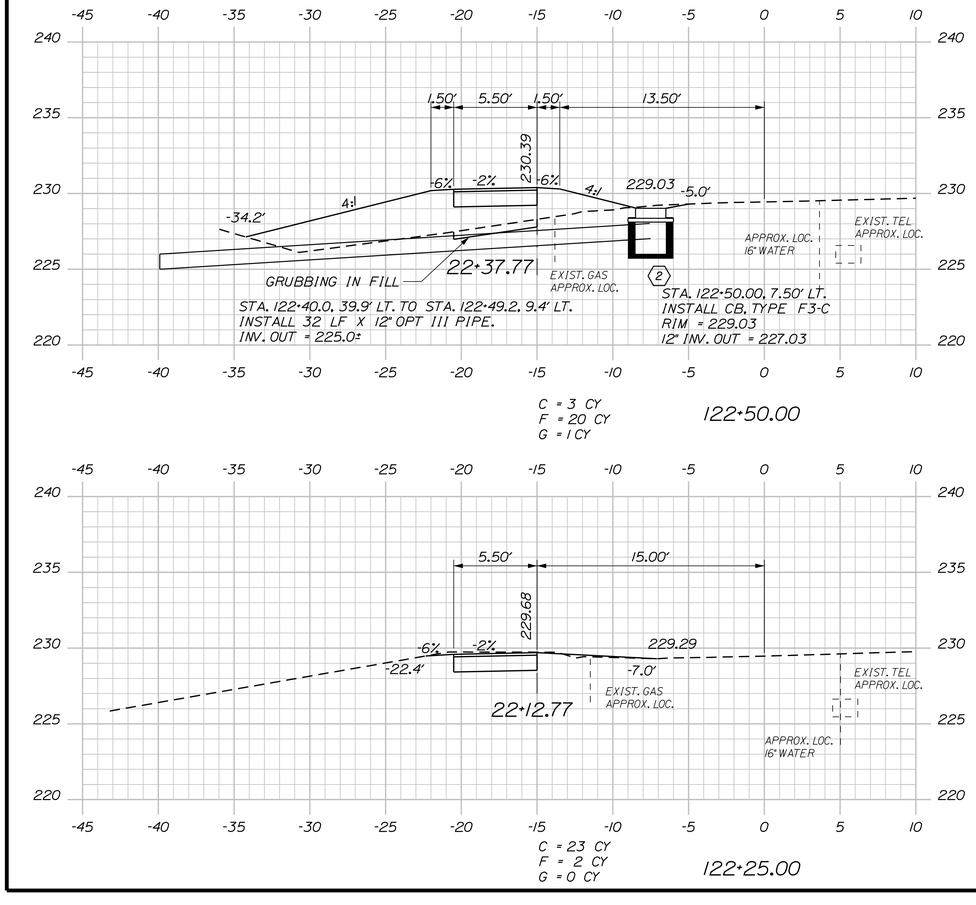
OF 52

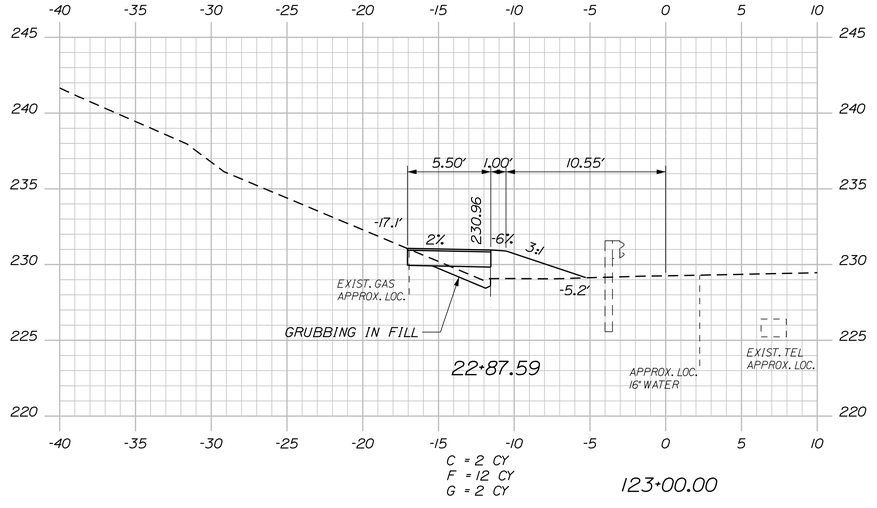
Sta. 120+75.00 to Sta. 122+00.00

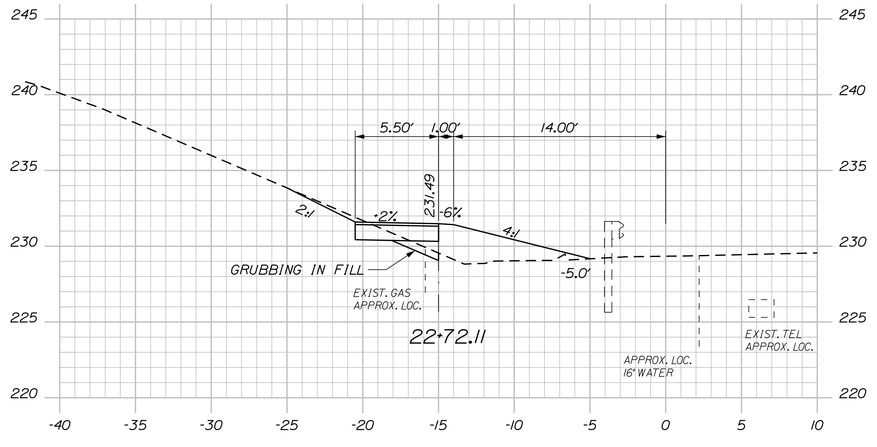
Filename: ...\034_XSECT_120+75_014.dgn Division: HIGHWAY Username: common Date:12/2/2019











STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON · No 7960 · REGISTERED PROFESSIONAL ENGINEER

SIGNATURE		
7960		
P.E. NUMBER		
11/11/19		
DATE		

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

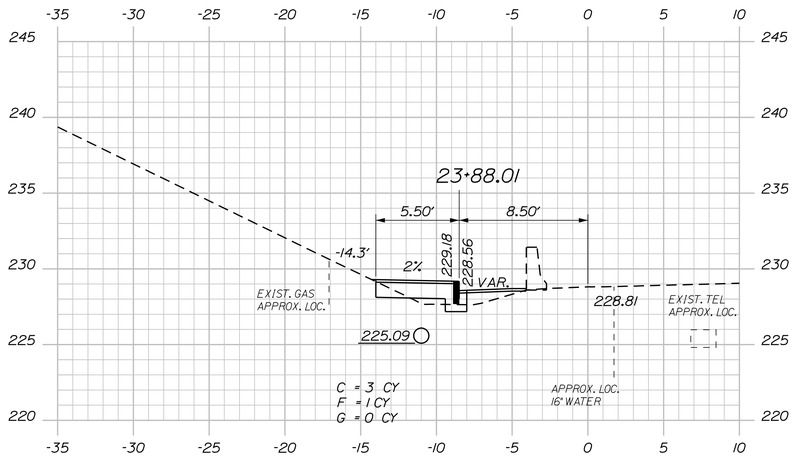
SHEET NUMBER

35

OF 52

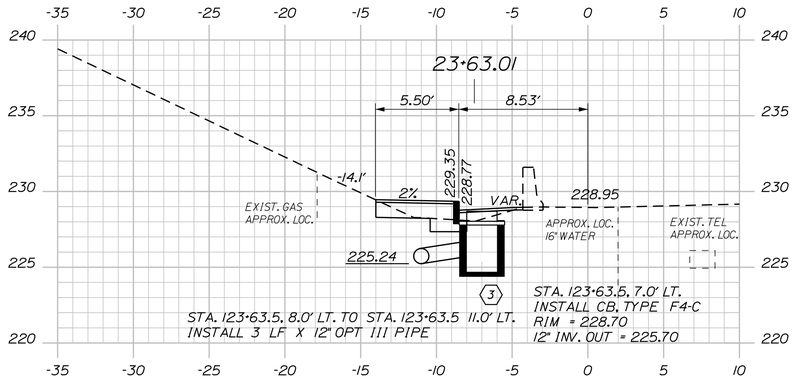
Sta. 122+25.00 to Sta. 123+25.00

Filename: ...\035_XSECT_122+25_015.dgn Division: HIGHWAY Username: common Date:12/2/2019

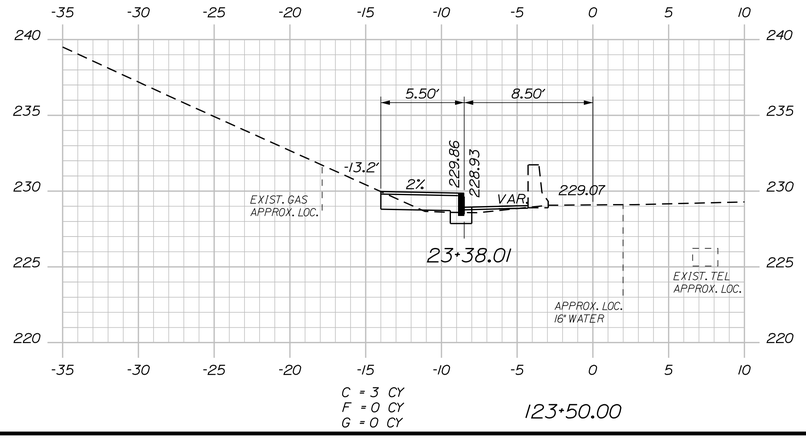


STA. 123+63.50, 11.0' LT. TO STA. 124+49.00, 6.6' LT.
INSTALL 86 LF X 12" OPT III PIPE.
NOTE: ELBOWS AND CONNECTION OF PIPE TO ADJACENT TYPE F CATCH BASINS ARE INCIDENTAL.

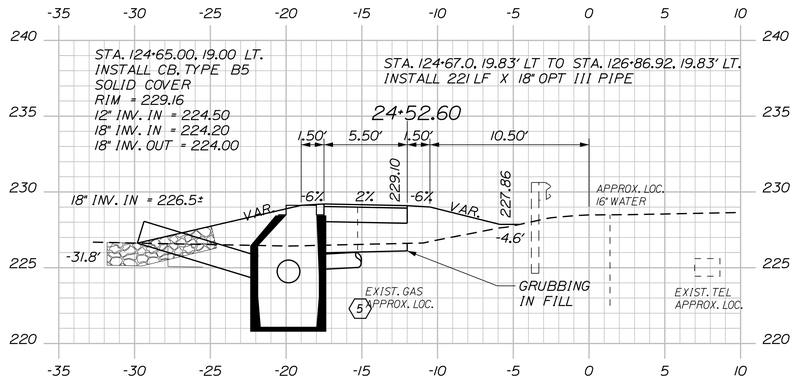
124+00.00



123+75.00

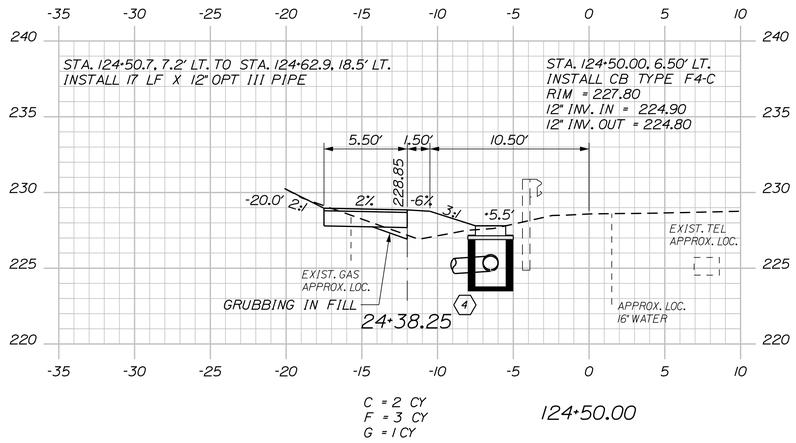


123+50.00

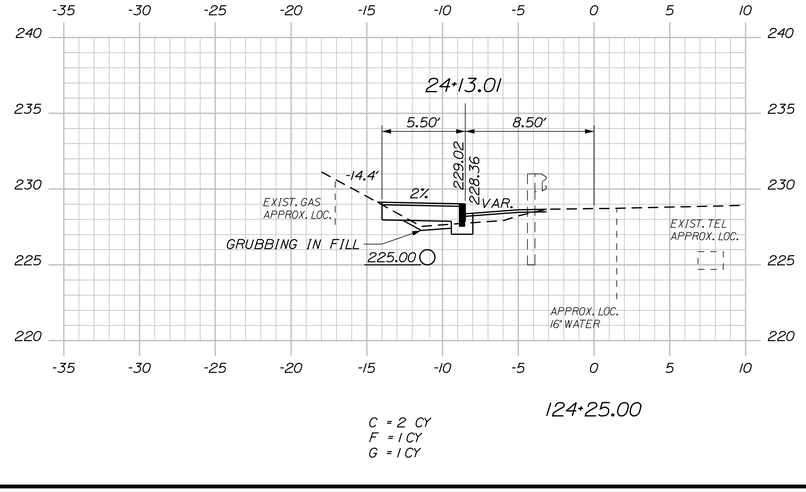


STA. 124+65, 21.8' LT TO STA. 124+65, 29.8' LT.
INSTALL 8 LF X 18" OPT III PIPE

124+65.00



124+50.00



124+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON — No. 7960 — REGISTERED PROFESSIONAL ENGINEER

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	JLE	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

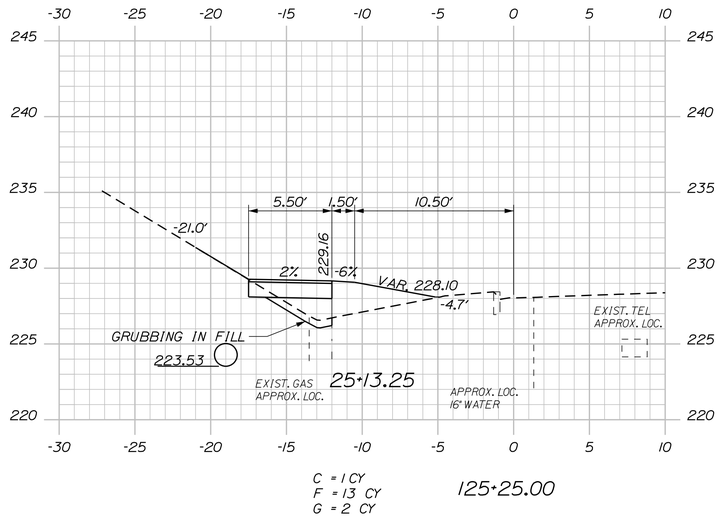
AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

SHEET NUMBER
36
OF 52

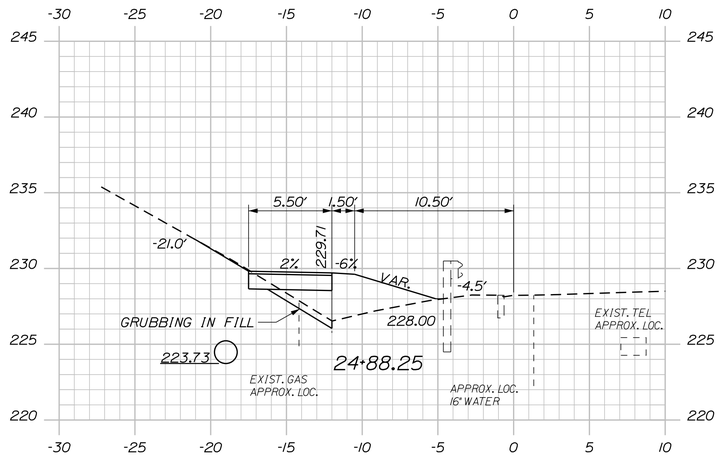
Sta. 123+50.00 to Sta. 124+65.00

Filename: ...\036_XSECT_123+50_016.dgn Division: HIGHWAY Username: common Date:12/2/2019



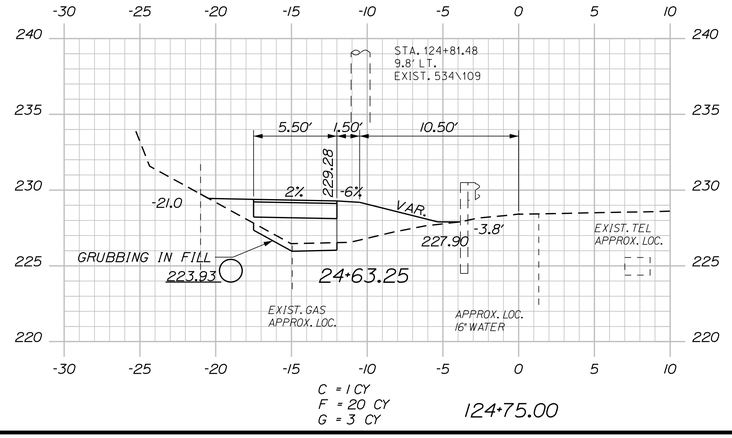
C = 1 CY
F = 13 CY
G = 2 CY

125+25.00



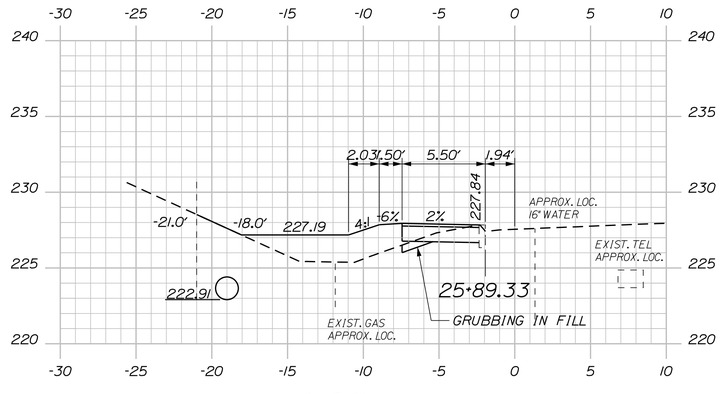
C = 1 CY
F = 17 CY
G = 2 CY

125+00.00



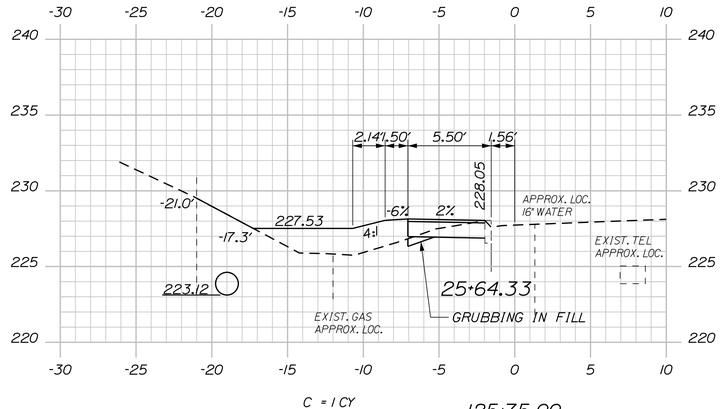
C = 1 CY
F = 20 CY
G = 3 CY

124+75.00



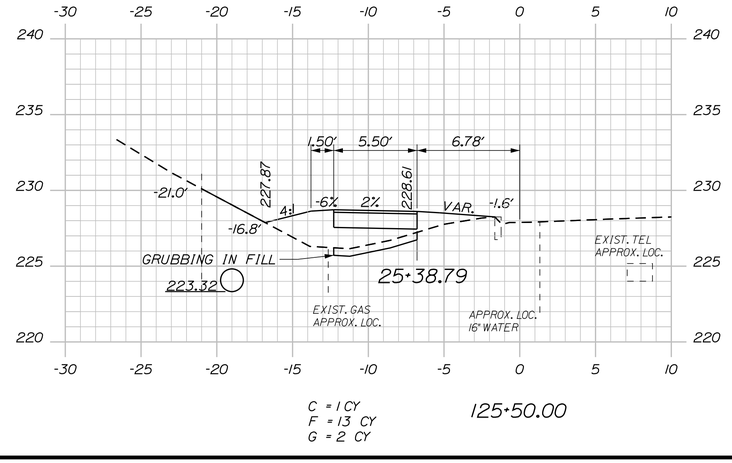
C = 3 CY
F = 14 CY
G = 1 CY

126+00.00



C = 1 CY
F = 14 CY
G = 2 CY

125+75.00



C = 1 CY
F = 13 CY
G = 2 CY

125+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON · No 7960 · LICENSED PROFESSIONAL ENGINEER

SIGNATURE	
7960	
P.E. NUMBER	
11/11/19	
DATE	

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

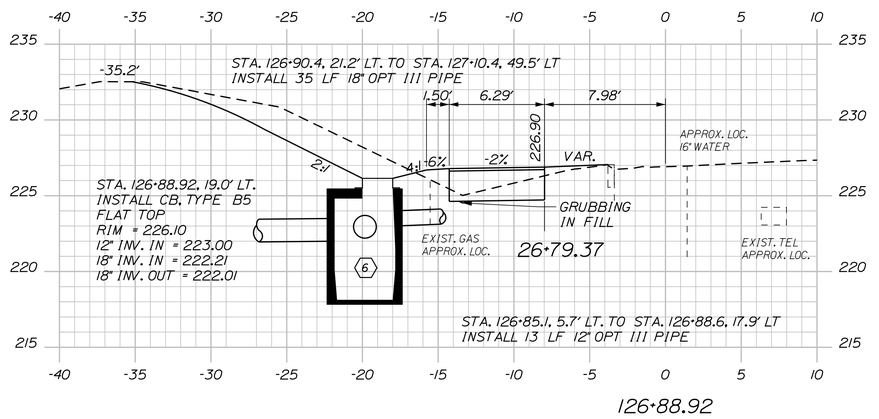
SHEET NUMBER

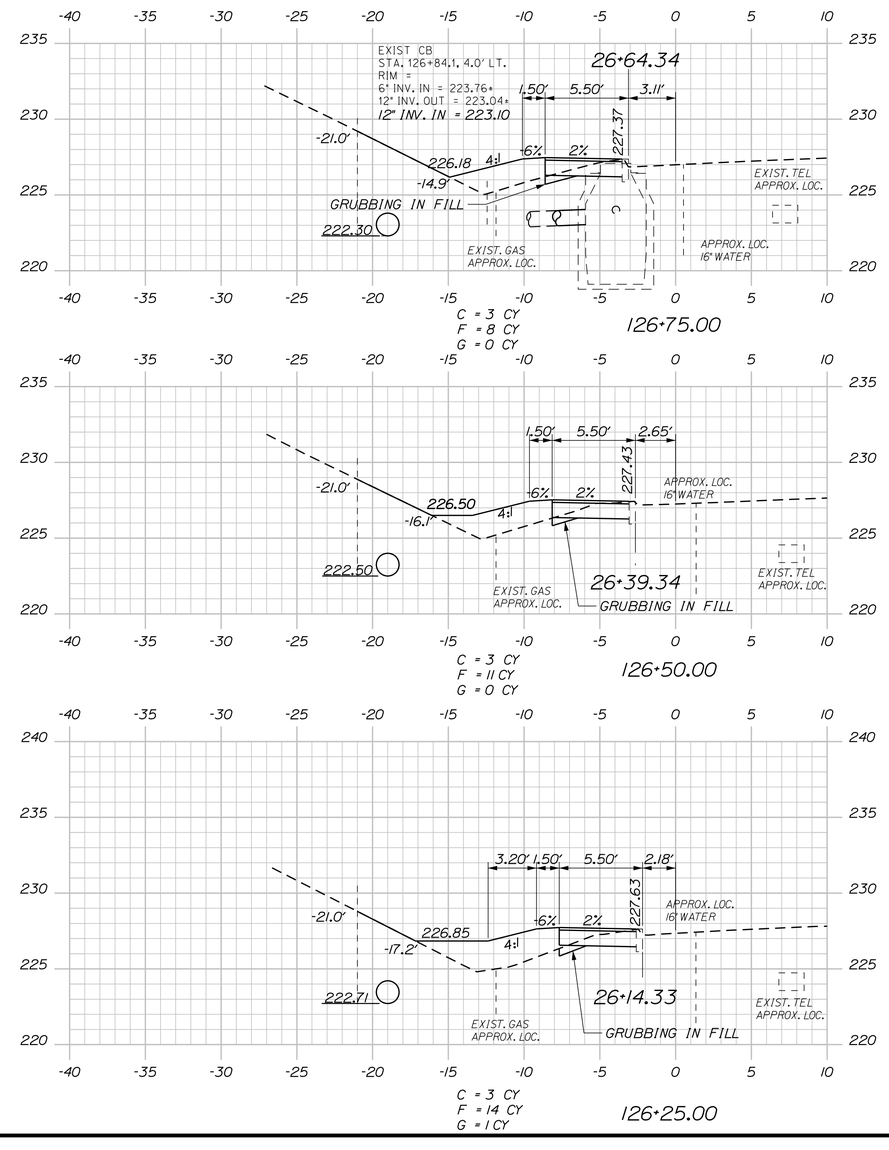
37

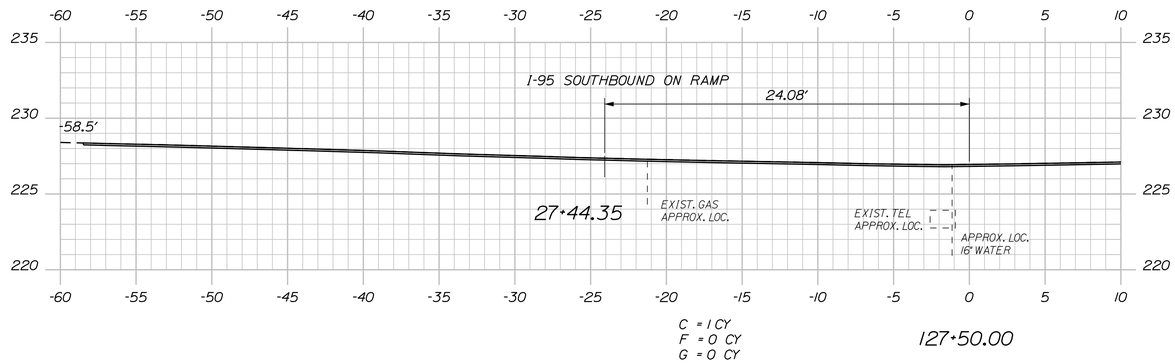
OF 52

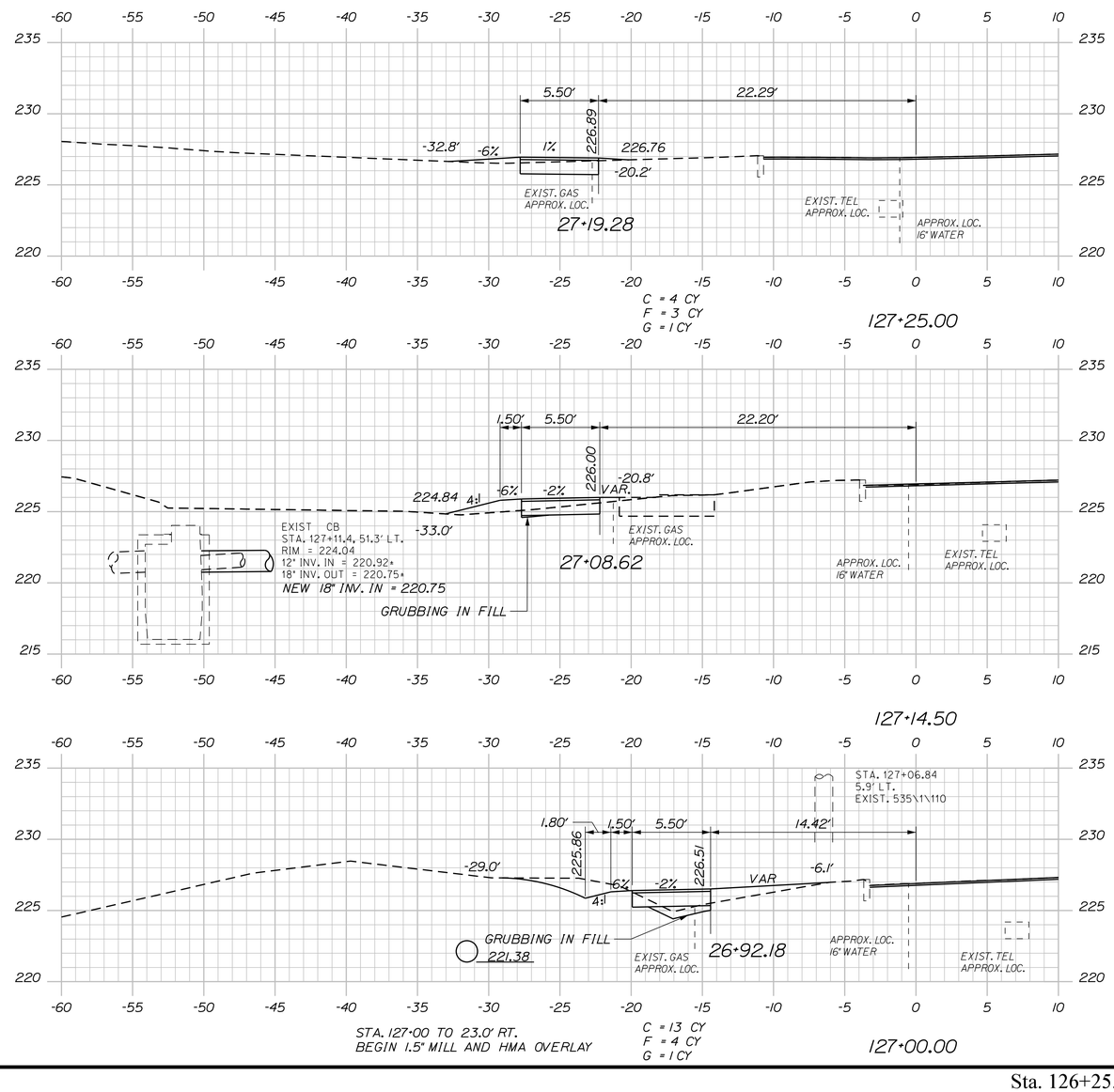
Sta. 124+75.00 to Sta. 126+00.00

Filename: ...\037_XSECT_124+75_017.dgn Division: HIGHWAY Username: common Date:12/2/2019









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No 7960 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	JLE	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	ALG	
DESIGN3-DETAILED3	JLE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

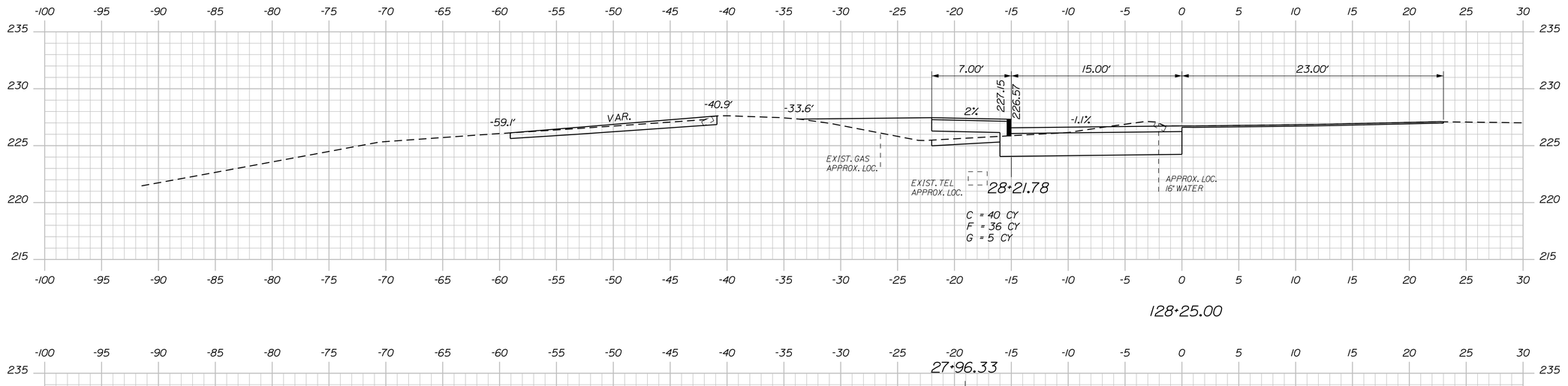
AUGUSTA
CIVIC CENTER DRIVE

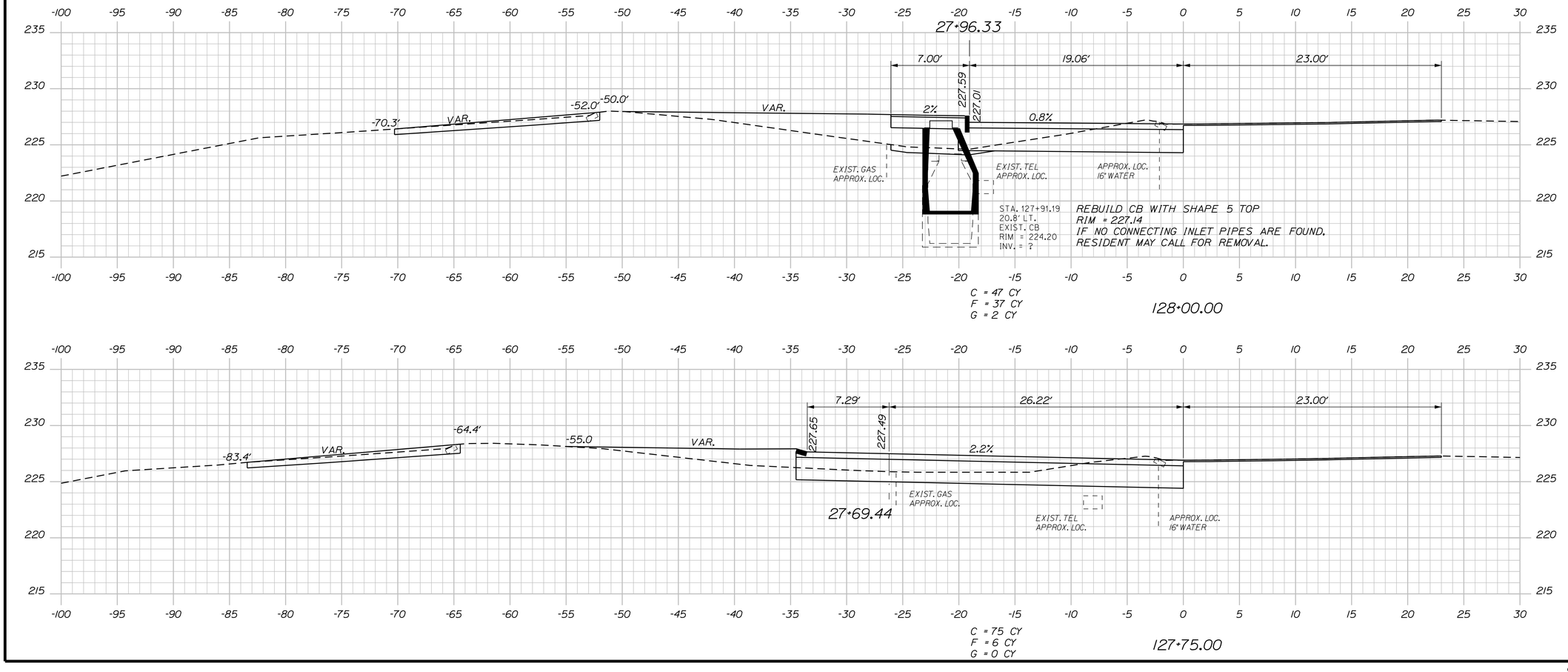
CROSS SECTIONS

SHEET NUMBER
38
OF 52

Sta. 126+25.00 to Sta. 127+50.00

Filename: ...\038_XSECT_126+25_018.dgn Division: HIGHWAY Username: common Date:12/2/2019





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON No 7960 — REGISTERED PROFESSIONAL ENGINEER

SIGNATURE

7960 P.E. NUMBER

11/11/19 DATE

	BY	DATE
PROJ. MANAGER	A. CORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

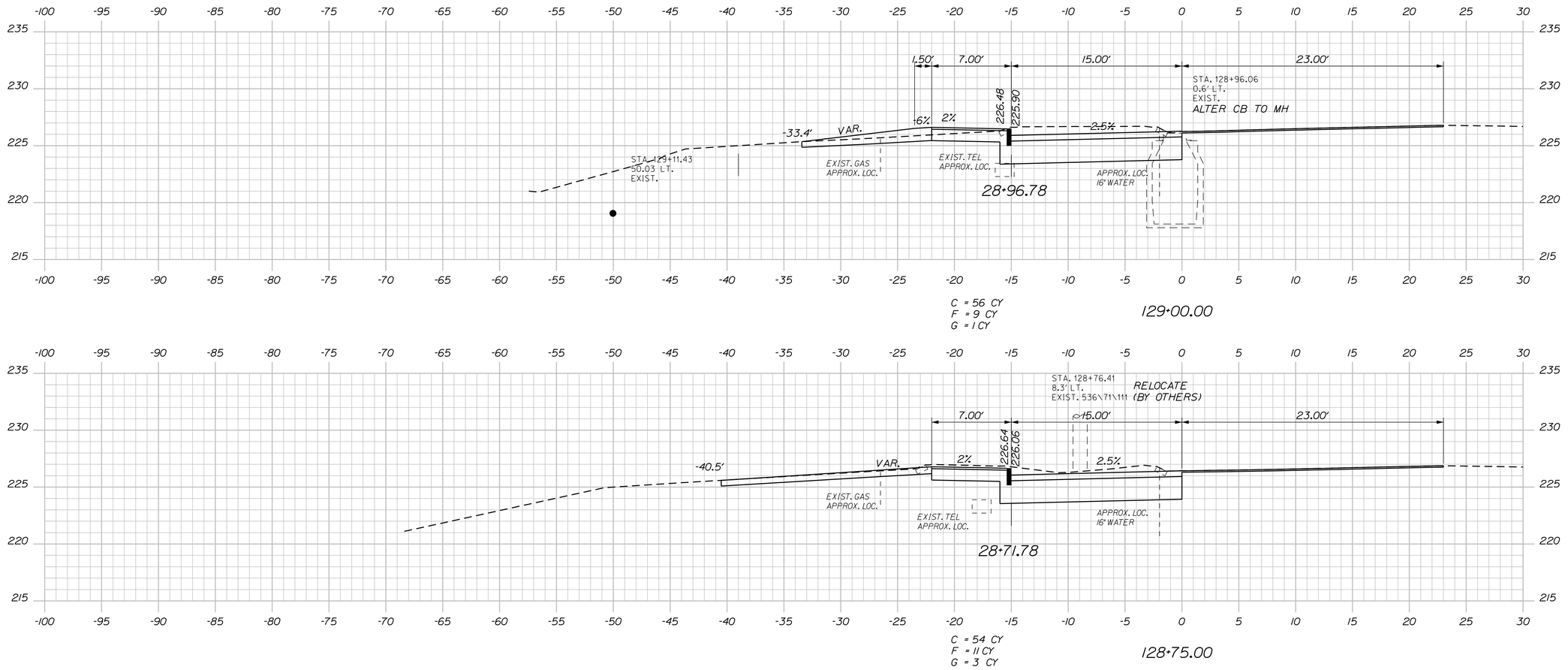
SHEET NUMBER

39

OF 52

Sta. 127+75.00 to Sta. 128+25.00

Filename: ...\039_XSECT_127+75_019.dgn Division: HIGHWAY Username: common Date:12/2/2019



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASON
No. 7960
LICENSED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

	BY	DATE
PROJ. MANAGER A. GORNEAU, II		
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

SHEET NUMBER

40

OF 52

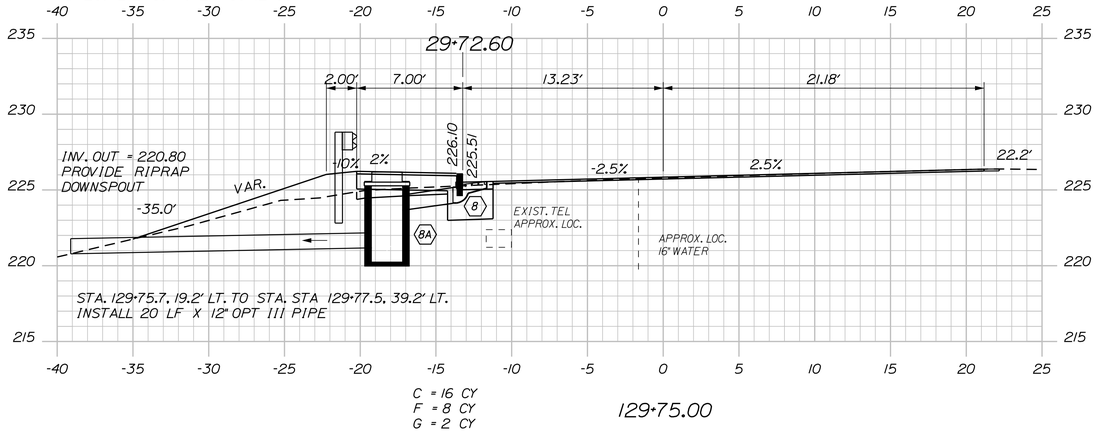
Sta. 128+50.00 to Sta. 129+00.00

Filename: ...\040_XSECT_128+50_020.dgn Division: HIGHWAY Username: common Date:12/2/2019

Filename: ...\041_XSECT_129+25_021.dgn Username: common Division: HIGHWAY Date:12/2/2019

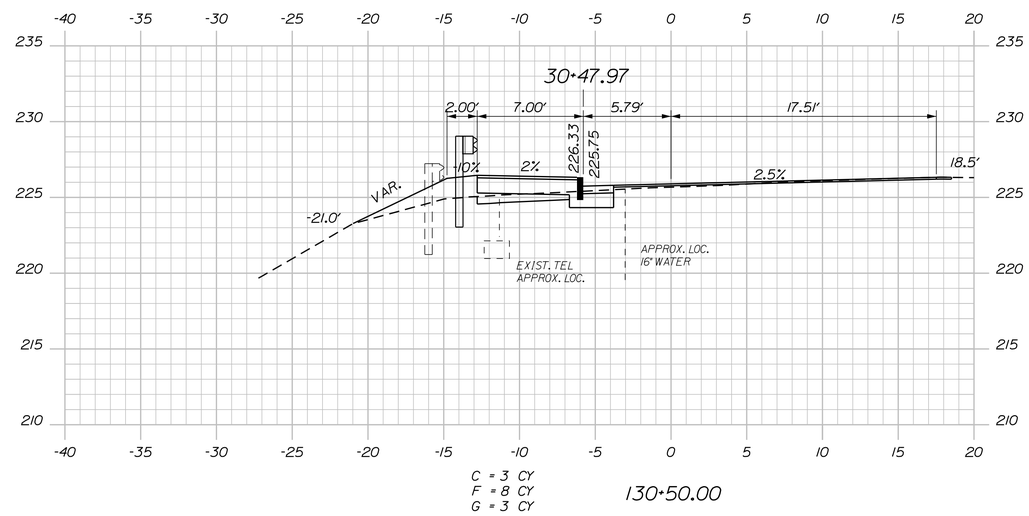
STA 129+75.7, 18.2' LT.
INSTALL CB, TYPE F6
SOLID COVER
RIM = 226.18
12" INV. IN = 223.65
12" INV. OUT = 221.18
ADDITIONAL COST FOR CORING
OF BASIN TO BE INCIDENTAL TO
SPECIAL BASIN ITEM 604.2403

STA. 129+75.00, 12.49' LT.
INSTALL SPECIAL BASIN
RIM = 226.47
WITH 12" PVC OUTLET.
COST OF 12" PVC PIPE TO
BE INCIDENTAL TO COST OF BASIN.



C = 16 CY
F = 8 CY
G = 2 CY

129+75.00

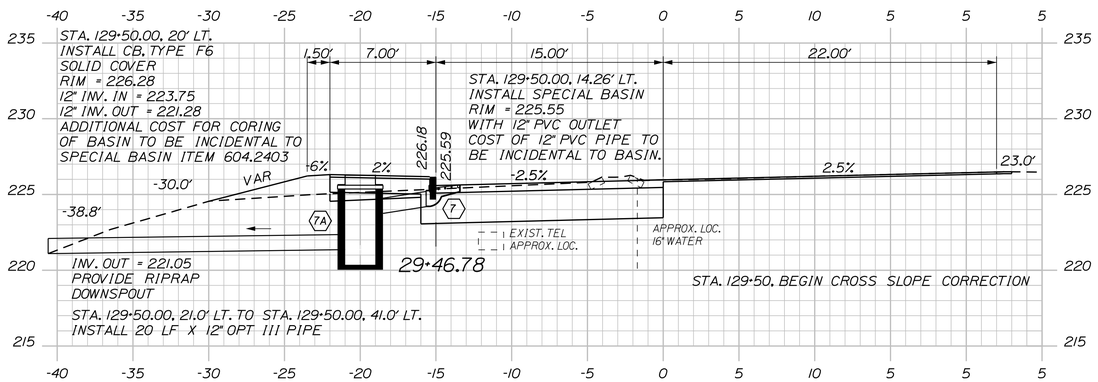


C = 3 CY
F = 8 CY
G = 3 CY

130+50.00

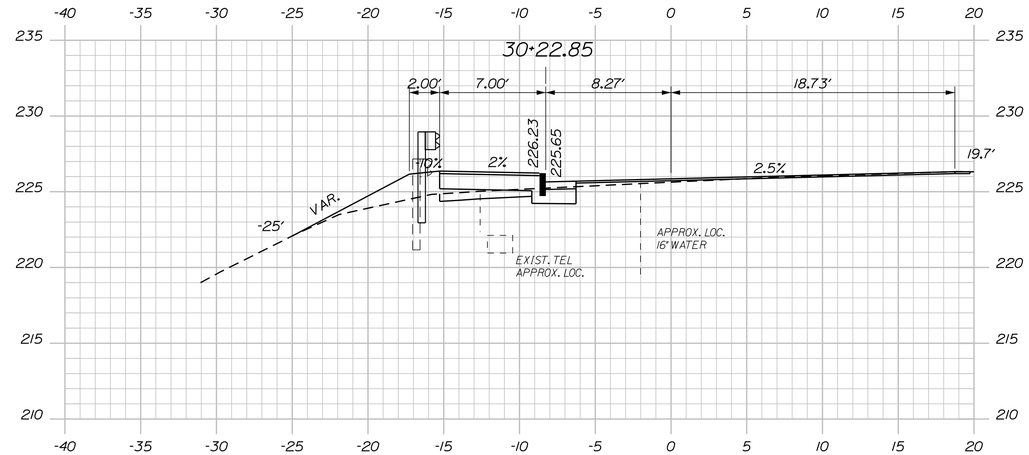
STA. 129+50.00, 20' LT.
INSTALL CB, TYPE F6
SOLID COVER
RIM = 226.28
12" INV. IN = 223.75
12" INV. OUT = 221.28
ADDITIONAL COST FOR CORING
OF BASIN TO BE INCIDENTAL TO
SPECIAL BASIN ITEM 604.2403

STA. 129+50.00, 14.26' LT.
INSTALL SPECIAL BASIN
RIM = 225.55
WITH 12" PVC OUTLET
COST OF 12" PVC PIPE TO
BE INCIDENTAL TO BASIN.



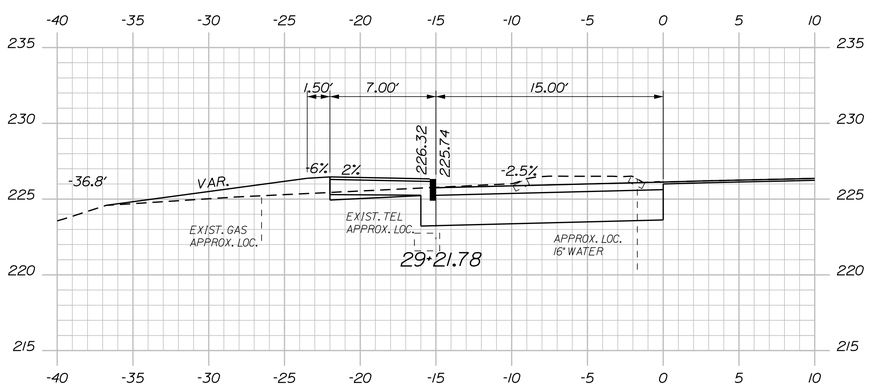
C = 40 CY
F = 7 CY
G = 2 CY

129+50.00



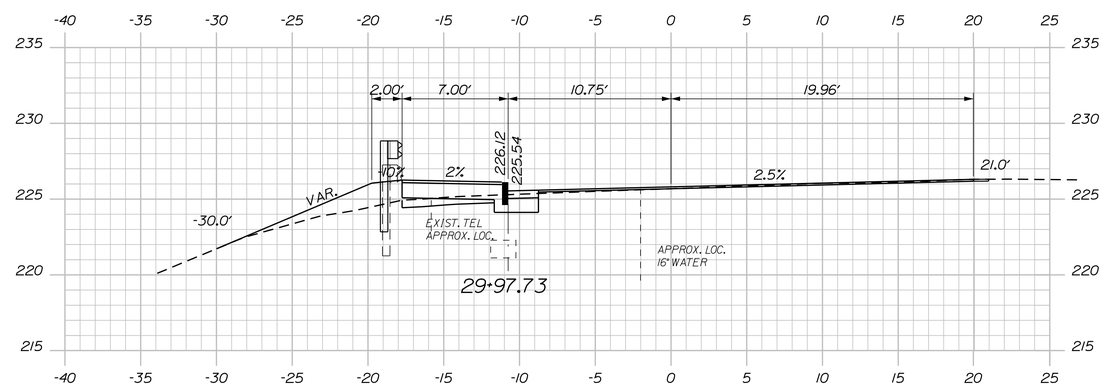
C = 3 CY
F = 8 CY
G = 2 CY

130+25.00



C = 49 CY
F = 8 CY
G = 1 CY

129+25.00



C = 5 CY
F = 9 CY
G = 2 CY

130+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L. EASON
No. 7960
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

PROJ. MANAGER	A. GORNEAU, II	BY
DESIGN-DETAILED	ALG	JLE
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		

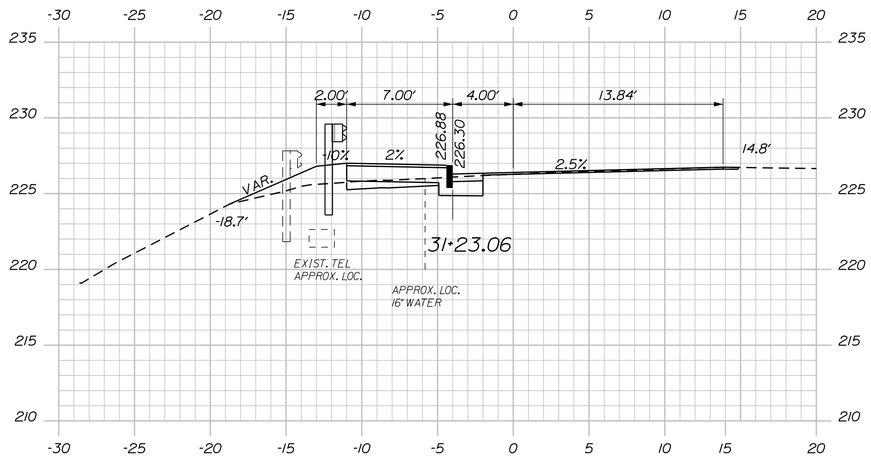
DATE	
11-19	REVISIONS 1
11-19	REVISIONS 2
	REVISIONS 3
	REVISIONS 4
	FIELD CHANGES

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

SHEET NUMBER
41
OF 52

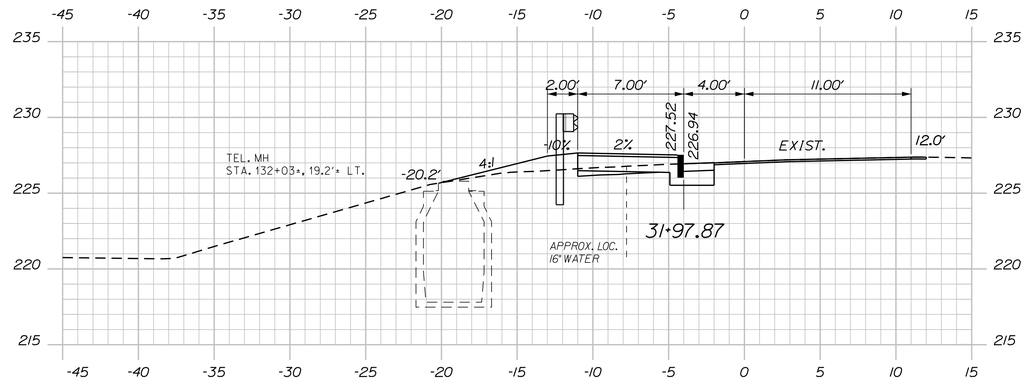
Sta. 129+25.00 to Sta. 130+50.00



C = 4 CY
F = 5 CY
G = 2 CY

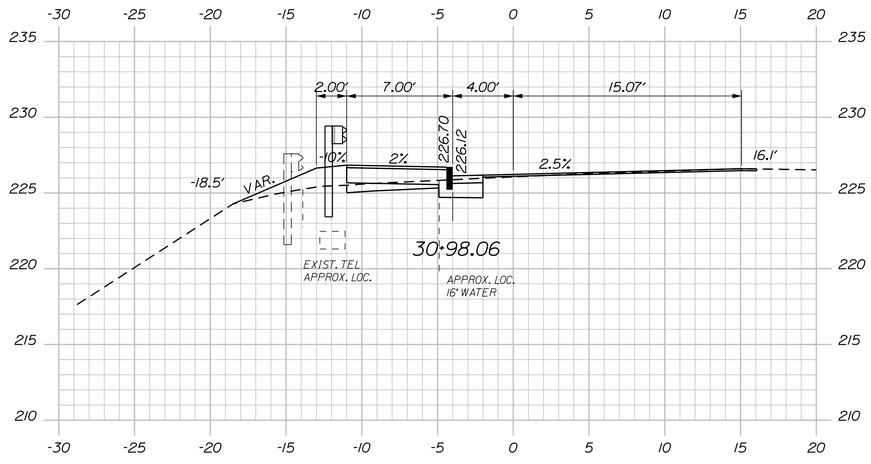
131+25.00

STA. 132+00
END 1.5" MILL AND OVERLAY
WITH CROSS SLOPE CORRECTION



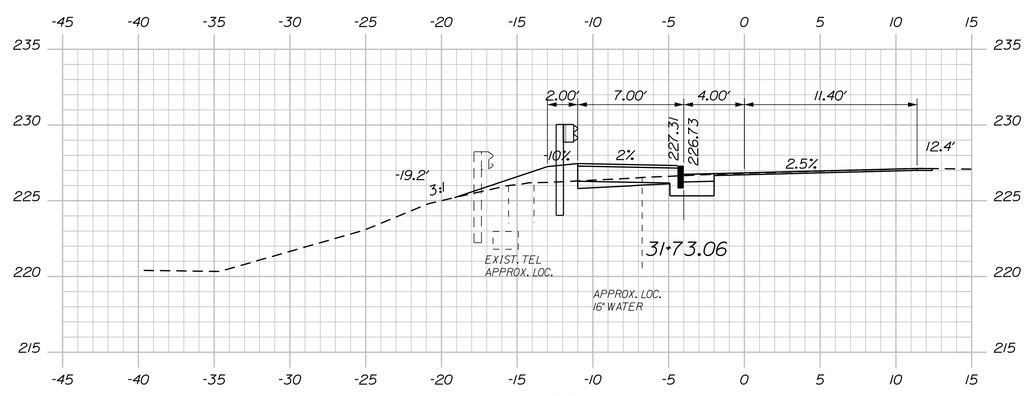
C = 5 CY
F = 4 CY
G = 1 CY

132+00.00



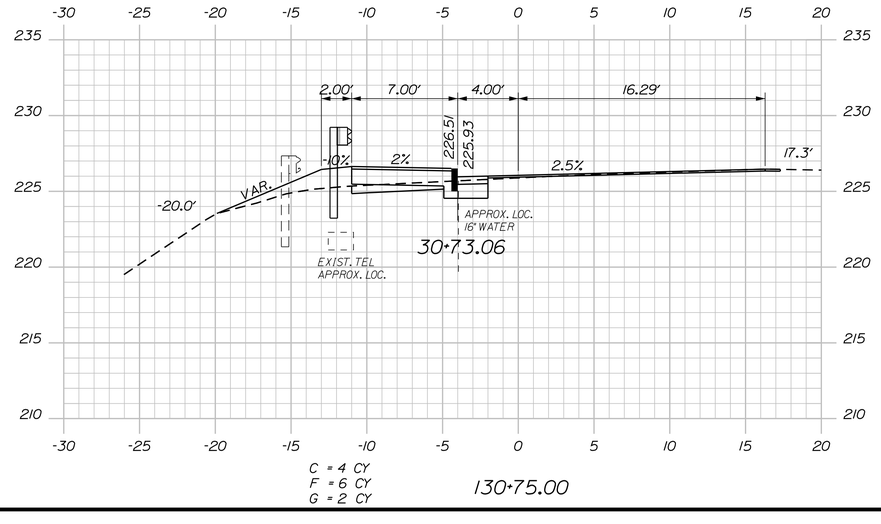
C = 4 CY
F = 6 CY
G = 2 CY

131+00.00



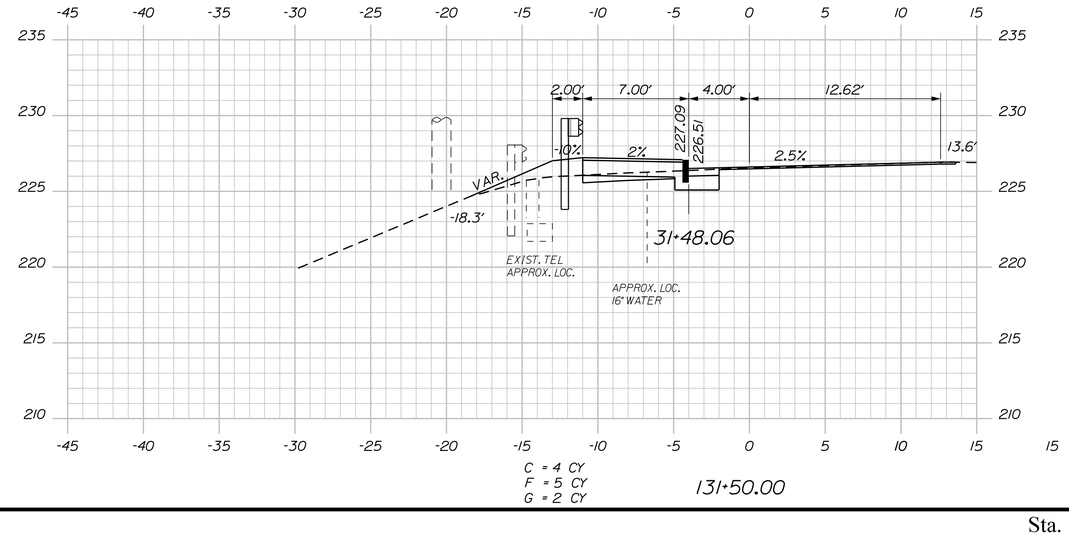
C = 5 CY
F = 4 CY
G = 2 CY

131+75.00



C = 4 CY
F = 6 CY
G = 2 CY

130+75.00



C = 4 CY
F = 5 CY
G = 2 CY

131+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
REGISTERED
JAMES L. EASON
No. 7960
LICENSED
PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

		BY	DATE
PROJ. MANAGER	A. GORNEAU, II		
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG		11-19
DESIGN2-DETAILED2	JLE		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

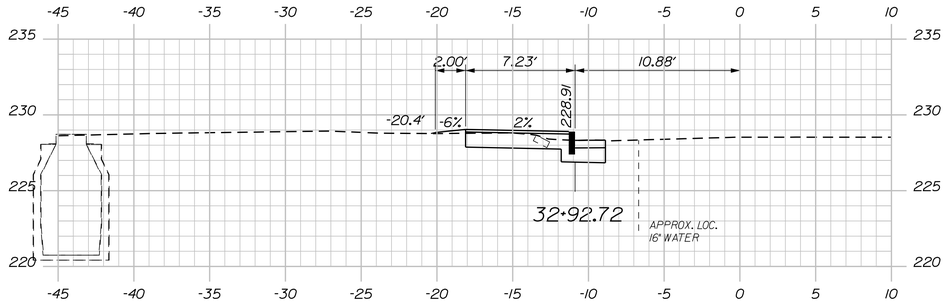
SHEET NUMBER

42

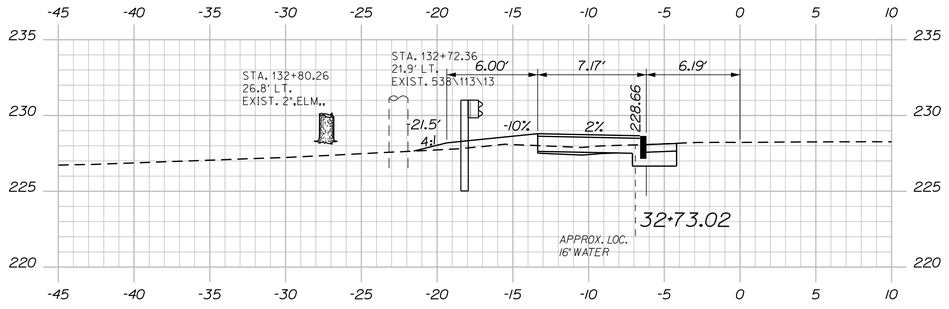
OF 52

Sta. 130+75.00 to Sta. 132+00.00

Filename: ...\042_XSECT_130+75_022.dgn Division: HIGHWAY Username: common Date:12/2/2019

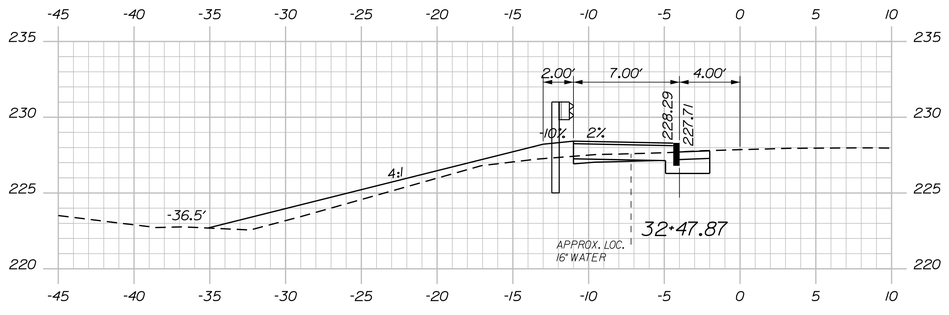


132+94.11



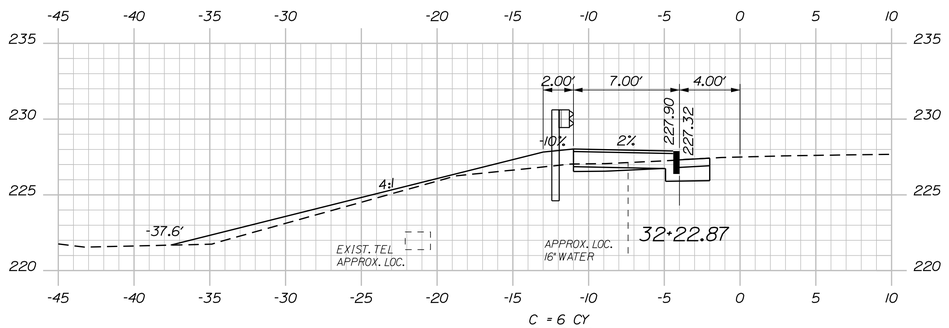
C = 6 CY
F = 9 CY
G = 1 CY

132+75.00



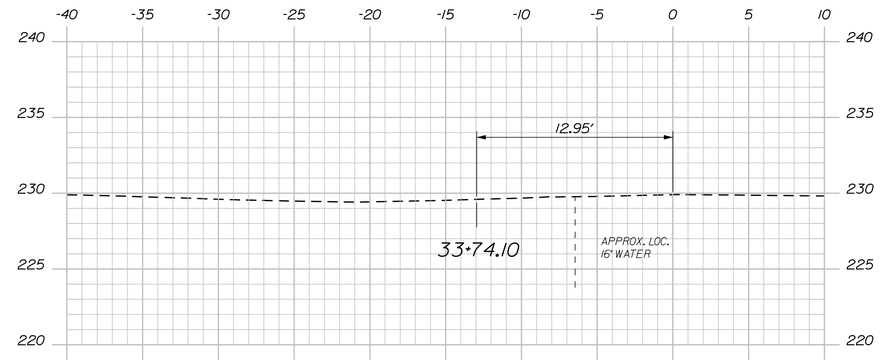
C = 6 CY
F = 13 CY
G = 1 CY

132+50.00



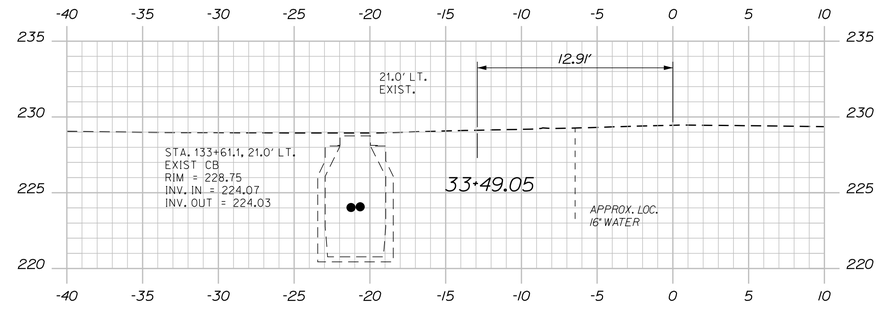
C = 6 CY
F = 8 CY
G = 1 CY

132+25.00



C = 0 CY
F = 0 CY

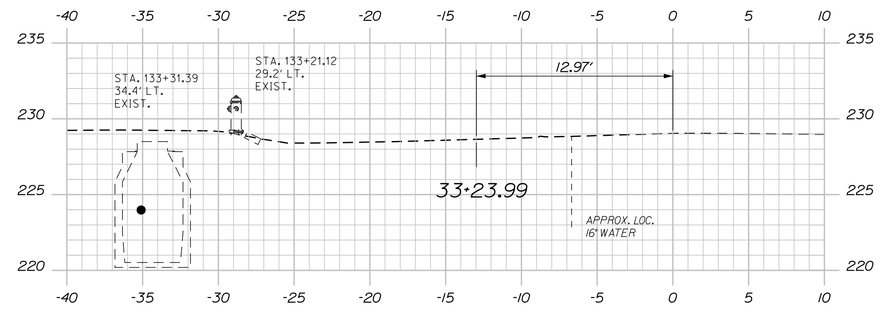
133+75.00



C = 0 CY
F = 0 CY

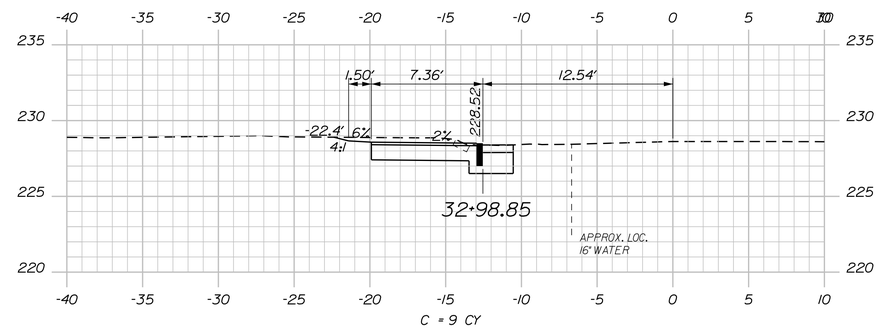
133+50.00

STA. 133+58.7 LT.
COMMERCIAL DRIVE



C = 9 CY
F = 0 CY

133+25.00



C = 9 CY
F = 1 CY
G = 0 CY

133+00.00

Sta. 132+25.00 to Sta. 133+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN
019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L EASON
No 7960
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE
7960
P.E. NUMBER
11/11/19
DATE

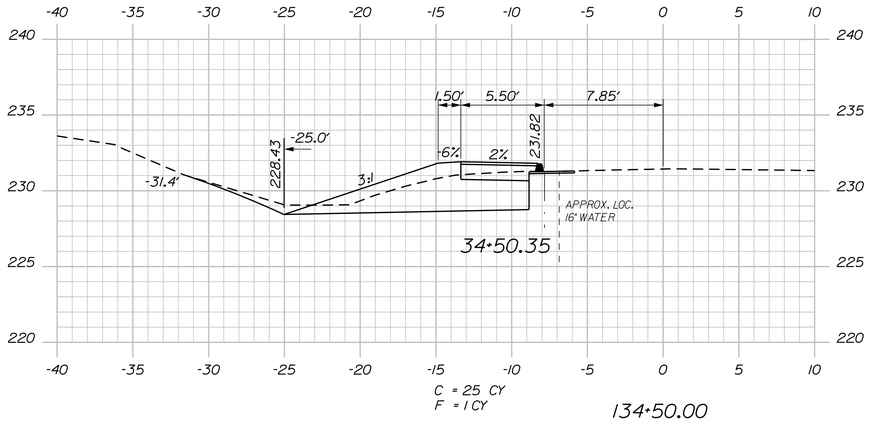
	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

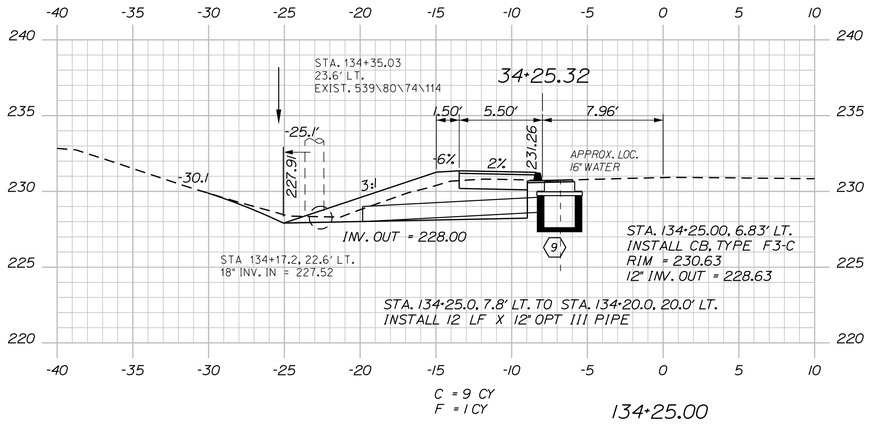
AUGUSTA
CIVIC CENTER DRIVE

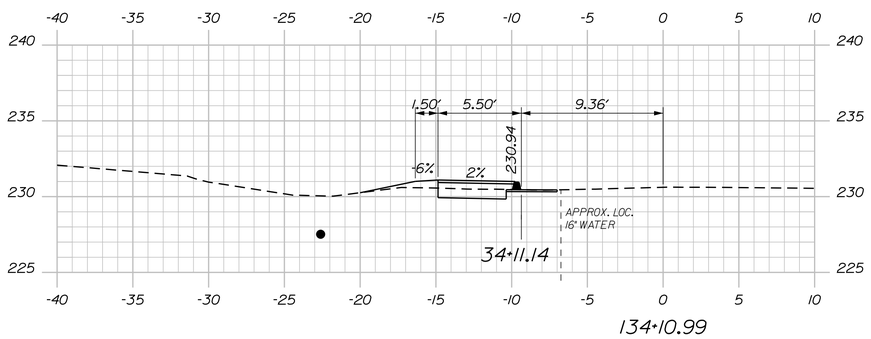
CROSS SECTIONS

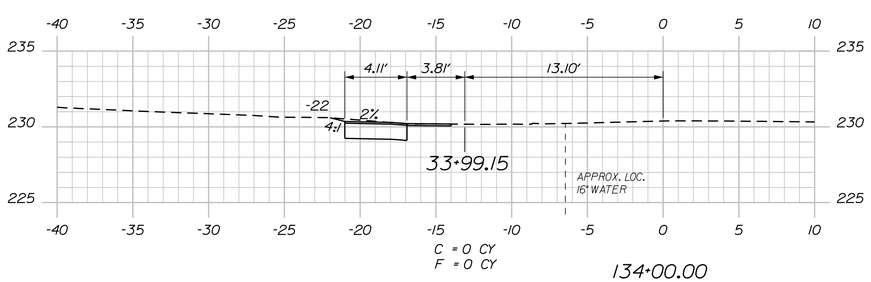
SHEET NUMBER
43
OF 52

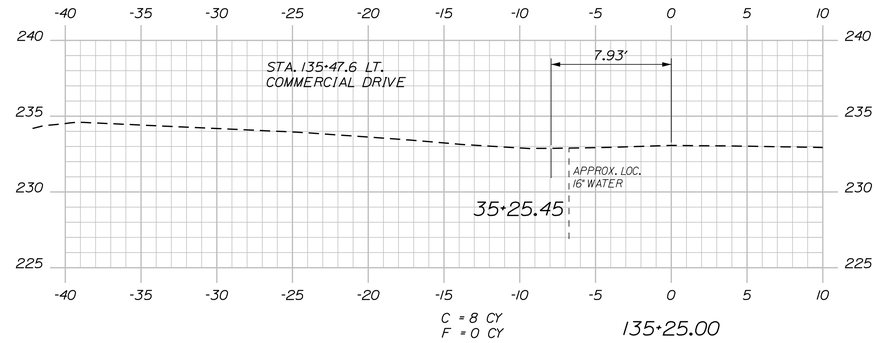
Filename: ...\043_XSECT_132+25_023.dgn Division: HIGHWAY Username: common Date:12/2/2019

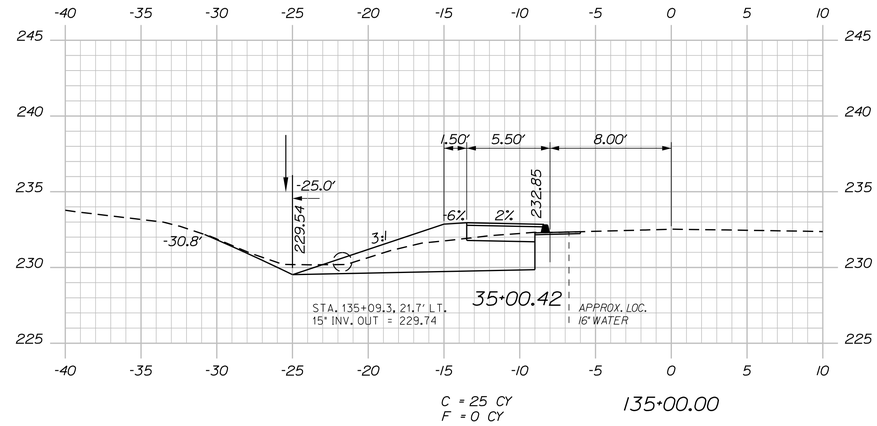


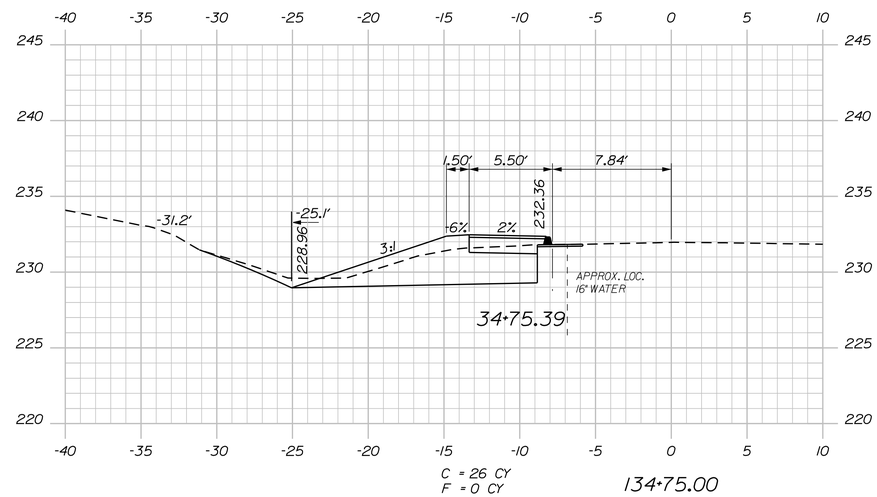












STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE — JAMES L EASON — No. 7960 — LICENSED PROFESSIONAL ENGINEER

	SIGNATURE
	11/11/19
P.E. NUMBER	7960
	DATE

	BY	DATE
PROJ. MANAGER	A. CORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

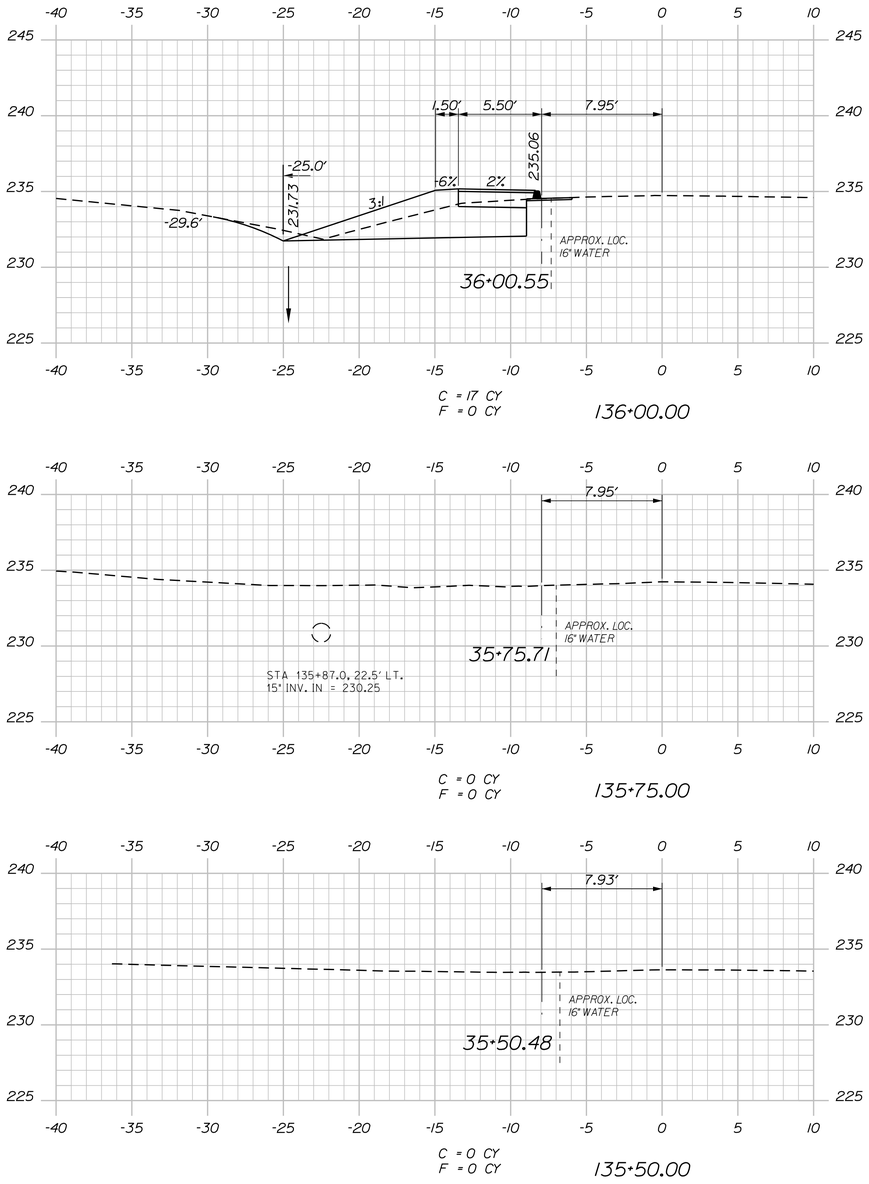
SHEET NUMBER

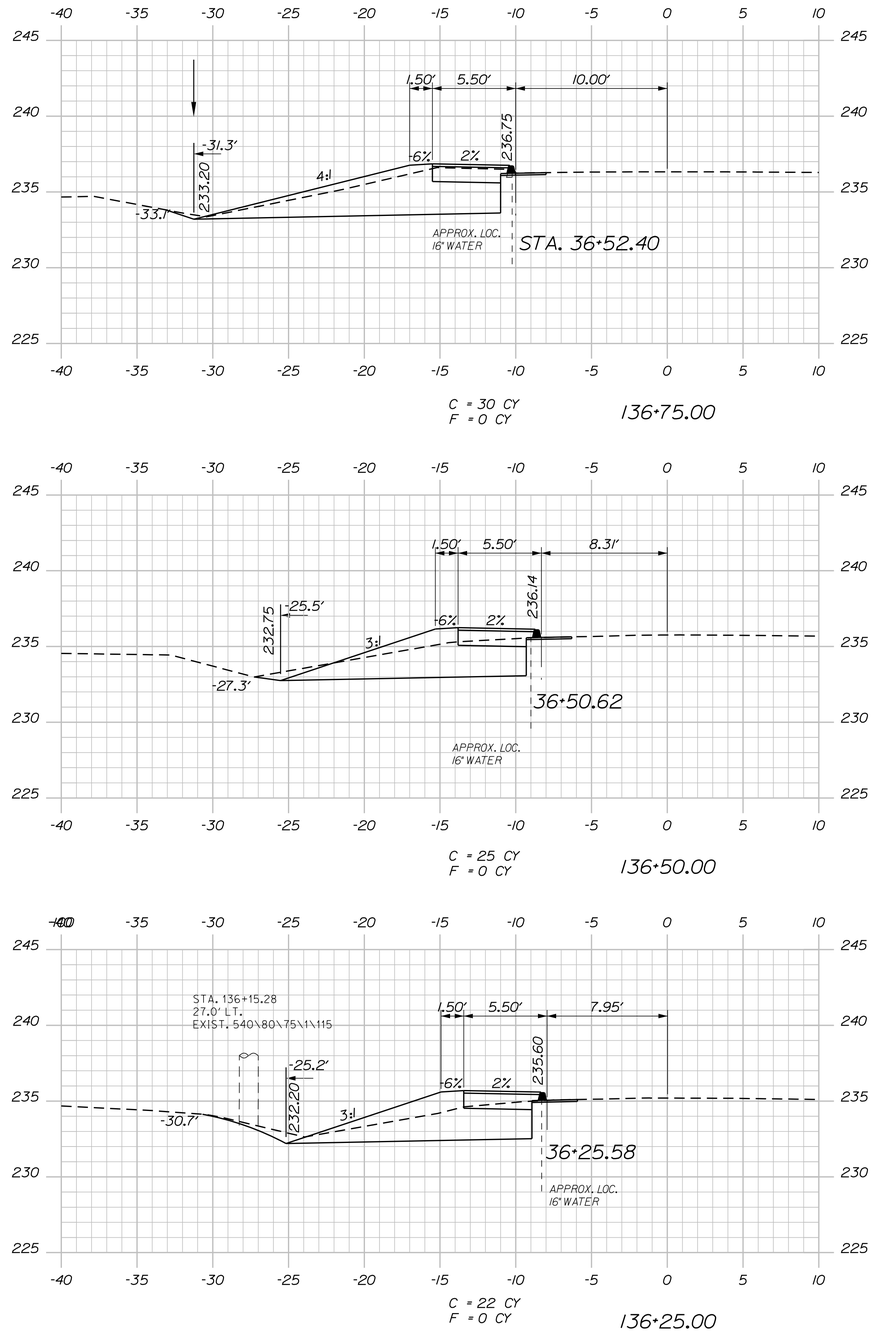
44

OF 52

Sta. 134+00.00 to Sta. 135+25.00

Filename: ...\044_XSECT_134+00_024.dgn Username: common Division: HIGHWAY Date:12/2/2019





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE · JAMES L EASON No 7960 · REGISTERED PROFESSIONAL ENGINEER

SIGNATURE		
7960	P.E. NUMBER	
11/11/19	DATE	

	BY	DATE
PROJ. MANAGER	A. GORNEAU, II	
DESIGN-DETAILED	ALG	11-19
CHECKED-REVIEWED	ALG	11-19
DESIGN2-DETAILED2	JLE	
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

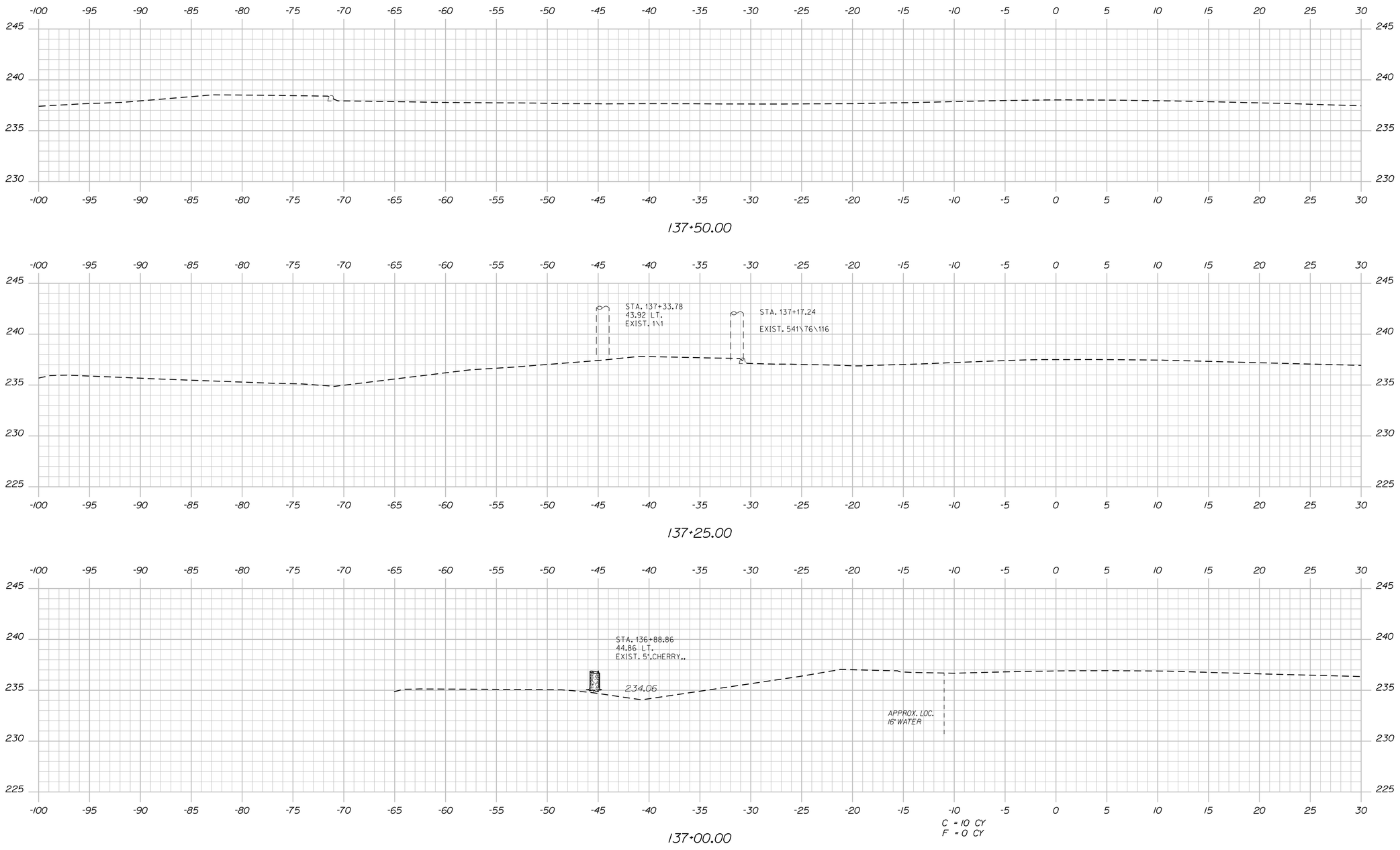
SHEET NUMBER

45

OF 52

Sta. 135+50.00 to Sta. 136+75.00

Filename: ...\045_XSECT_135+50_025.dgn Division: HIGHWAY Username: common Date:12/2/2019



Sta. 137+00.00 to Sta. 137+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1940(200)X

WIN 019402.00

HIGHWAY PLANS

STATE OF MAINE
JAMES L EASON
No 7960
REGISTERED PROFESSIONAL ENGINEER

SIGNATURE		
7960		
P.E. NUMBER		
11/11/19		
DATE		

		BY	DATE
PROJ. MANAGER	A. GORNEAU, II		
DESIGN-DETAILED	ALG	JLE	11-19
CHECKED-REVIEWED	ALG		11-19
DESIGN2-DETAILED2	JLE		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUGUSTA
CIVIC CENTER DRIVE

CROSS SECTIONS

SHEET NUMBER

46

OF 52

Filename: ...\046_XSECT_137+00_026.dgn Division: HIGHWAY Username: common Date:12/2/2019

PLAN LEGEND

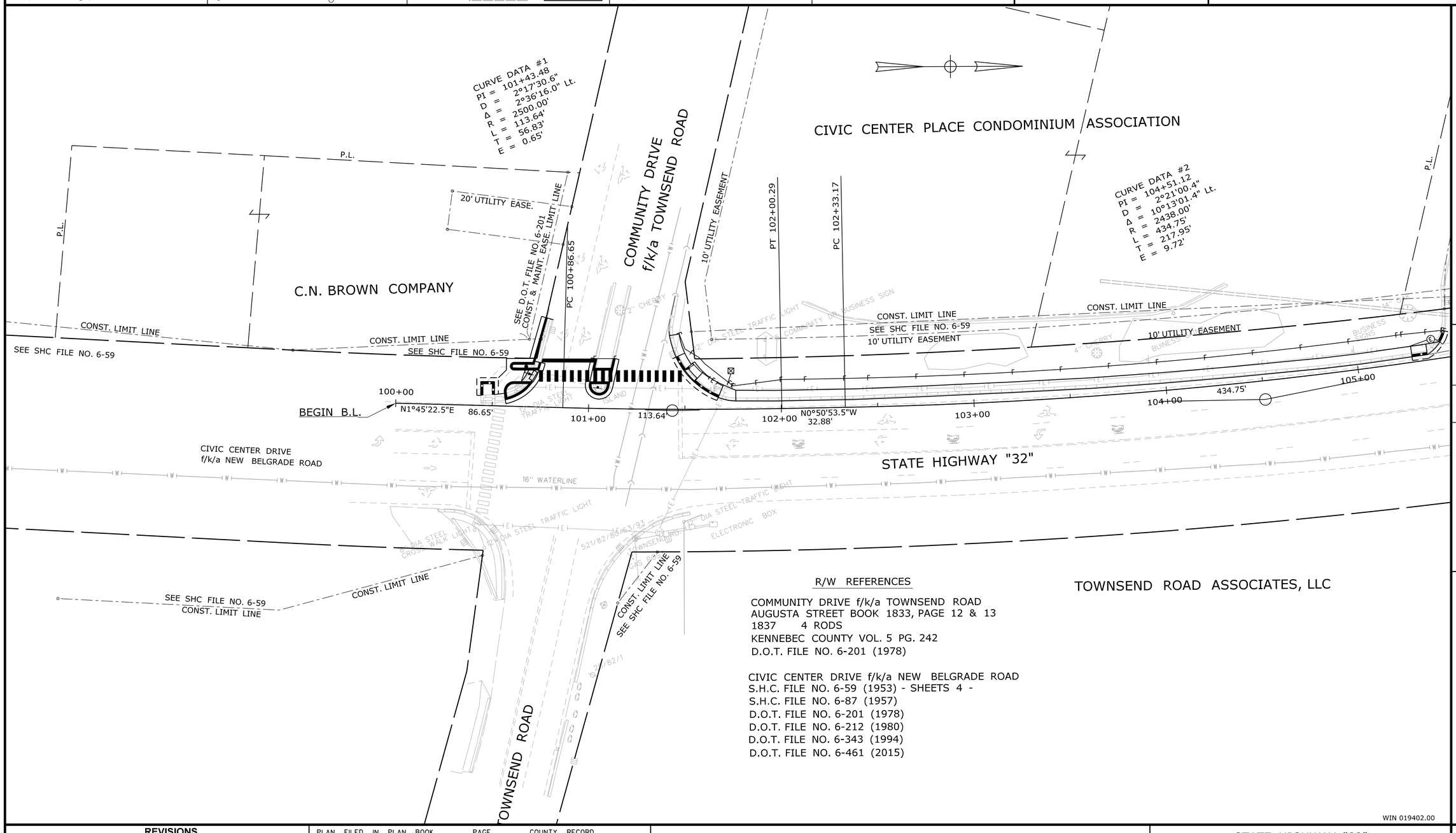
Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line CLL	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line	T	Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line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

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

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

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

25 0 25 50 75 100
Scale of Feet



R/W REFERENCES

COMMUNITY DRIVE f/k/a TOWNSEND ROAD
AUGUSTA STREET BOOK 1833, PAGE 12 & 13
1837 4 RODS
KENNEBEC COUNTY VOL. 5 PG. 242
D.O.T. FILE NO. 6-201 (1978)

CIVIC CENTER DRIVE f/k/a NEW BELGRADE ROAD
S.H.C. FILE NO. 6-59 (1953) - SHEETS 4 -
S.H.C. FILE NO. 6-87 (1957)
D.O.T. FILE NO. 6-201 (1978)
D.O.T. FILE NO. 6-212 (1980)
D.O.T. FILE NO. 6-343 (1994)
D.O.T. FILE NO. 6-461 (2015)

WIN 019402.00

ITEM	CHECKED
EXISTING CONDITION PLAN	XXX
FINAL RIGHT OF WAY	XXX
AREAS	XXX

TECH XXX XXX

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

STATE HIGHWAY "32"
CIVIC CENTER DRIVE, ROUTE 27
AUGUSTA KENNEBEC COUNTY
FEDERAL AID PROJECT NO. STP-1940(200)X

MAY 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-482
SCALE 1" = 25'	SHEET 1 OF 6	

SHEET NUMBER
47
OF 52

Date:12/2/2019
Username: common
Division: HIGHWAY
Filename: ...\00\ROW\MSTA\047_RWPLAN_01.dgn

Filename: ...\00\ROW\MSTA\048_RWPLAN_02.dgn Division: HIGHWAY
Username: common Date:12/2/2019

PLAN LEGEND

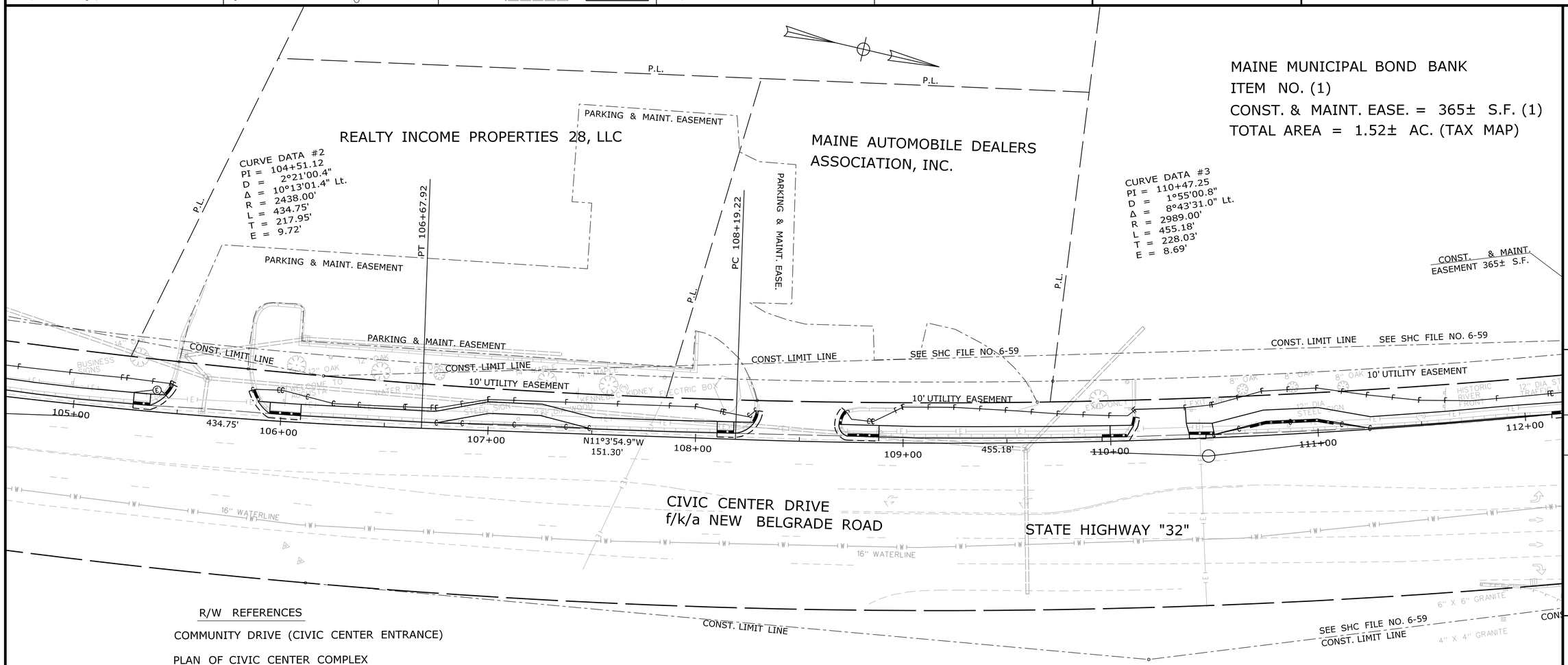
Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines — P.L. —		Building	Clearing Limit Line — CLL —	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line — T —	T	Ditch	
Limits of Wrought Portion — L.O.W.P. —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

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

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

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

25 0 25 50 75 100
Scale of Feet



MAINE MUNICIPAL BOND BANK
ITEM NO. (1)
CONST. & MAINT. EASE. = 365± S.F. (1)
TOTAL AREA = 1.52± AC. (TAX MAP)

R/W REFERENCES

COMMUNITY DRIVE (CIVIC CENTER ENTRANCE)

PLAN OF CIVIC CENTER COMPLEX
BY OLIVER G. COULLING
DATED JULY 1978
K.C.R.D. PLAN BOOK E-78, PAGE 133

CIVIC CENTER DRIVE f/k/a NEW BELGRADE ROAD
S.H.C. FILE NO. 6-59 (1953) - SHEETS 4 -
S.H.C. FILE NO. 6-87 (1957)
D.O.T. FILE NO. 6-201 (1978)
D.O.T. FILE NO. 6-212 (1980)
D.O.T. FILE NO. 6-343 (1994)
D.O.T. FILE NO. 6-461 (2015)

WIN 019402.00

ITEM	CHECKED
EXISTING CONDITION PLAN	XXX
FINAL RIGHT OF WAY	XXX
AREAS	XXX

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

STATE HIGHWAY "32"
CIVIC CENTER DRIVE, ROUTE 27
AUGUSTA KENNEBEC COUNTY
FEDERAL AID PROJECT NO. STP-1940(200)X

MAY 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-482
SCALE 1" = 25'	SHEET 2 OF 6	

SHEET NUMBER
48
OF 52

Filename: ...\00\ROW\MSTA\049_RWPLAN_03.dgn Division: HIGHWAY Username: common Date:12/2/2019

PLAN LEGEND

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

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

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

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

25 0 25 50 75 100
Scale of Feet

BOND BANK

ASE. = 365± S.F. (1)
2± AC. (TAX MAP)

CAMDEN NATIONAL BANK
PARCEL NO. (2)
LAND TAKEN = 250± S.F. (PRESC. EASE.)
LAND TAKEN = 140± S.F. (OTHER)
TOTAL LAND TAKEN = 390± S.F.
TEMPORARY CONSTRUCTION RIGHTS = 825± S.F. (1)
CONST. & MAINT. EASE. = 145± S.F. (2)
TOTAL AREA = 0.46± AC. (TAX MAP)

CURVE DATA #4
PI = 114+33.42
D = 0°30'07.2"
Δ = 1°35'47.1" Lt.
R = 11413.62'
L = 318.02'
T = 159.02'
E = 1.11'

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 "95" AND ADJOINING PROPERTIES WITHIN BOUNDARIES DEFINED BY CONTROLLED ACCESS LIMIT LINES

ARCP MF AUGUSTA ME, LLC
ITEM NO. (3)
CONST. & MAINT. EASE. = 420± S.F. (2))
TOTAL AREA = 1.25± AC. (TAX MAP)

D.O.T. FILE NO. 6-212

10' UTILITY EASEMENT
PCC 112+74.40
COMMUNITY DRIVE (CIVIC CENTER ENTRANCE)
CONST. & MAINT. EASEMENT 365± S.F.
C FILE NO. 6-59
EASEMENT
LAND TAKEN (OTHER) 140± S.F.
NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)
SHC FILE 6-59
EXIST. CONST. LIM. LINE
TEMPORARY CONSTRUCTION LIMITS
CONST. & MAINT. EASE. LIMIT LINE
CONST. & MAINT. EASE. LIMIT LINE
CONST. LIMIT LINE
SEE SHC FILE NO. 6-59
RELOCATED END OF C.O.A. AT STA. 117+09, 19' LT. TO STA. 117+17, 30' LT. SEE COMMISIONERS RECORD OF AUGUST 21, 2019 ITEM NO. 9.
END C.O.A.
CONTROLLED ACCESS
PT 115+92.42
PI 118+14.80
NORTH-BOUND OFF-RAMP T. "95"
112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+
318.02'
N21°23'13.3"W 222.38' N21°38'39.8"W 232.90'
16" WATERLINE
30" RCP
24" CMP
CIVIC CENTER DRIVE
f/k/a NEW BELGRADE ROAD
STATE HIGHWAY "32"
20568-10
CURVE DATA #5
PI = 118+14.80
Δ = 0°15'26.8" Lt.
527.5/64/102
528/64.5/103
CONST. LIMIT LINE
SHC FILE NO. 6-59
END C.O.A.
CONTROLLED ACCESS
CONST. LIMIT LINE
SEE SHC FILE NO. 6-59
CONST. LIMIT LINE
TOWNSEND ROAD ASSOCIATES, LLC
TOWNSEND ROAD ASSOCIATES, LLC

R/W REFERENCES
COMMUNITY DRIVE (CIVIC CENTER ENTRANCE)
PLAN OF CIVIC CENTER COMPLEX
BY OLIVER G. COULLING
DATED JULY 1978 S.H.C. FILE NO. 6-87
K.C.R.D. PLAN BOOK E-78, PAGE 133

CIVIC CENTER DRIVE f/k/a NEW BELGRADE ROAD
S.H.C. FILE NO. 6-59 (1953) - SHEETS 4 -
S.H.C. FILE NO. 6-87 (1957)
D.O.T. FILE NO. 6-201 (1978)
D.O.T. FILE NO. 6-212 (1980)
D.O.T. FILE NO. 6-343 (1994)
D.O.T. FILE NO. 6-461 (2015)

WIN 019402.00

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	XXX	XXX
FINAL RIGHT OF WAY	XXX	XXX
AREAS	XXX	

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

STATE HIGHWAY "32"
CIVIC CENTER DRIVE, ROUTE 27
AUGUSTA KENNEBEC COUNTY
FEDERAL AID PROJECT NO. STP-1940(200)X

MAY 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-482
SCALE 1" = 25'	SHEET 3 OF 6	

SHEET NUMBER
49
OF 52

PLAN LEGEND

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

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____

RECEIVED _____, _____

at _____h _____m _____M and recorded in

Plan Book _____, Page _____

Attest: _____

REGISTER

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

25 0 25 50 75 100
Scale of Feet

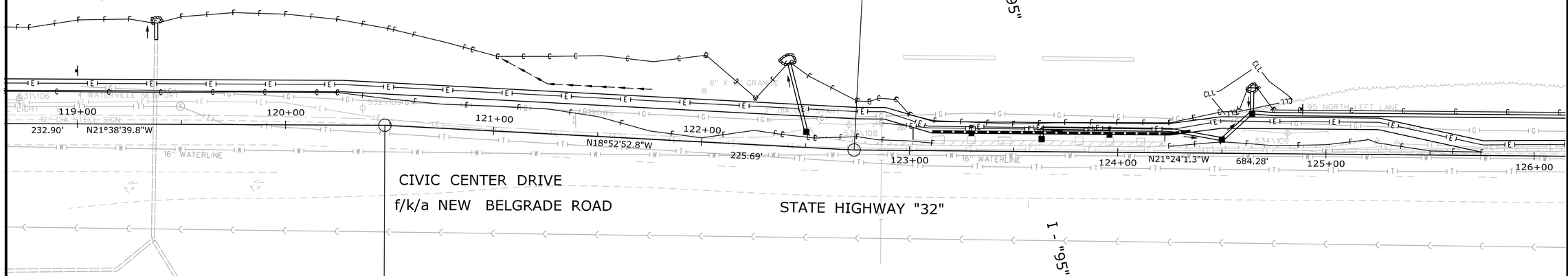
NO. 6-212

CURVE DATA #6
PI = 120+47.70
Δ = 2°45'47.0" Rt.

CURVE DATA #7
PI = 122+73.39
Δ = 2°31'08.5" Lt.

PI 122+73.39

I - "95"



I - "95"

PI 120+47.70

NO. 6-87

R/W REFERENCES

CIVIC CENTER DRIVE f/k/a NEW BELGRADE ROAD
S.H.C. FILE NO. 6-59 (1953)
S.H.C. FILE NO. 6-87 (1957)
D.O.T. FILE NO. 6-201 (1978)
D.O.T. FILE NO. 6-212 (1980)
D.O.T. FILE NO. 6-343 (1994)
D.O.T. FILE NO. 6-461 (2015)

WIN 019402.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	XXX	
FINAL RIGHT OF WAY	XXX	XXX
AREAS	XXX	

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

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NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "32"
CIVIC CENTER DRIVE, ROUTE 27
AUGUSTA KENNEBEC COUNTY
FEDERAL AID PROJECT NO. STP-1940(200)X

MAY 2019 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 6-482
SCALE 1" = 25' | SHEET 4 OF 6

SHEET NUMBER
50
OF 52

Filename: ...\00\ROW\MSTA\050_RWPLAN_04.dgn Division: HIGHWAY Username: common Date:12/2/2019

Filename: ...\00\ROW\MSTA\051_RWPLAN_05.dgn Division: HIGHWAY Username: common Date:12/2/2019

PLAN LEGEND

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

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

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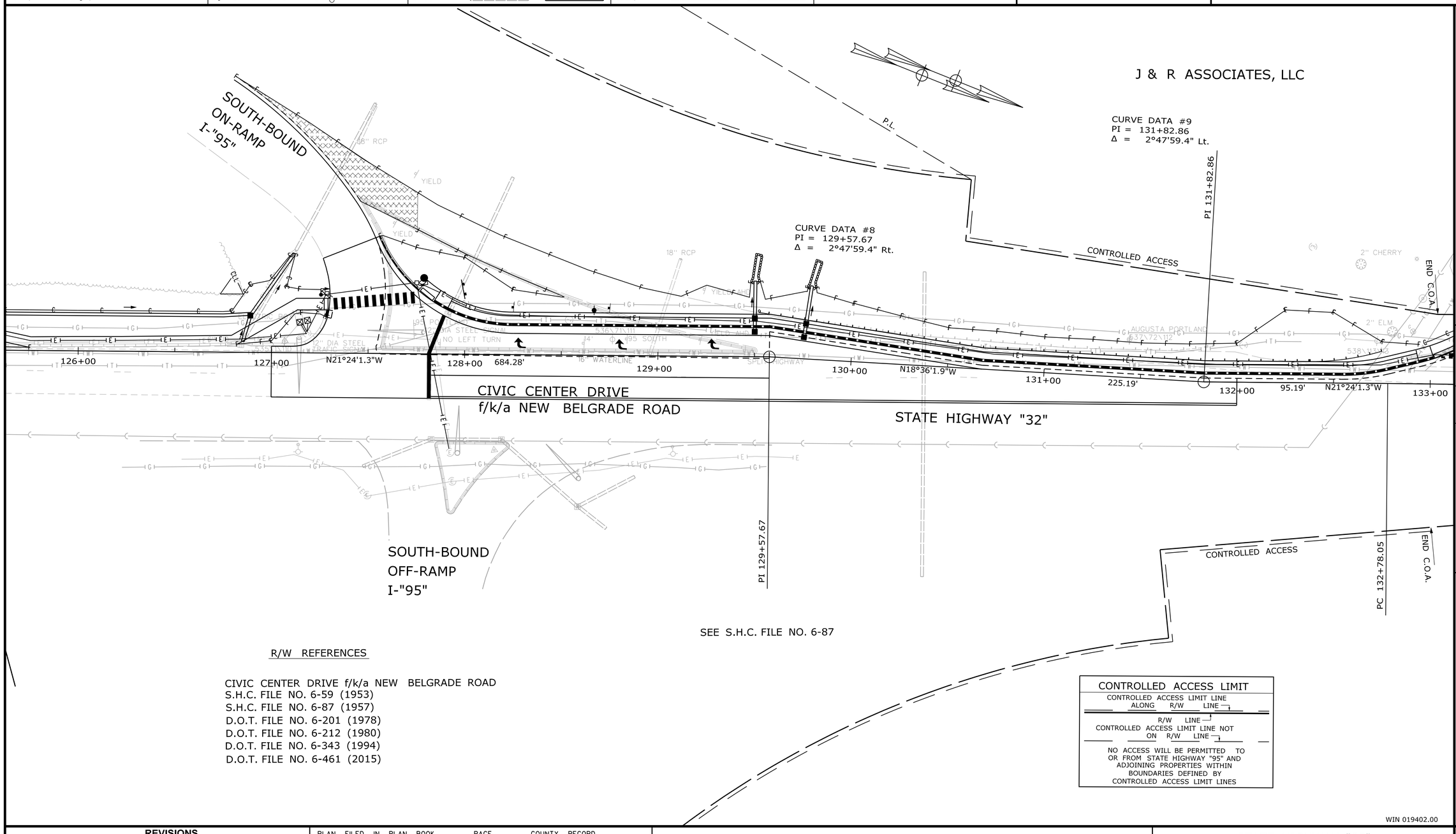
25 0 25 50 75 100
Scale of Feet



R/W REFERENCES

CIVIC CENTER DRIVE f/k/a NEW BELGRADE ROAD
S.H.C. FILE NO. 6-59 (1953)
S.H.C. FILE NO. 6-87 (1957)
D.O.T. FILE NO. 6-201 (1978)
D.O.T. FILE NO. 6-212 (1980)
D.O.T. FILE NO. 6-343 (1994)
D.O.T. FILE NO. 6-461 (2015)

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

WIN 019402.00

ITEM	CHECKED
EXISTING CONDITION PLAN	XXX
FINAL RIGHT OF WAY	XXX
AREAS	XXX

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

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NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "32"
CIVIC CENTER DRIVE, ROUTE 27
AUGUSTA KENNEBEC COUNTY
FEDERAL AID PROJECT NO. STP-1940(200)X

MAY 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-482
SCALE 1" = 25'	SHEET 5 OF 6	

SHEET NUMBER
51
OF 52

Filename: ...\00\ROW\MSTA\052_RWPLAN_06.dgn Division: HIGHWAY Username: common Date:12/2/2019

PLAN LEGEND

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

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

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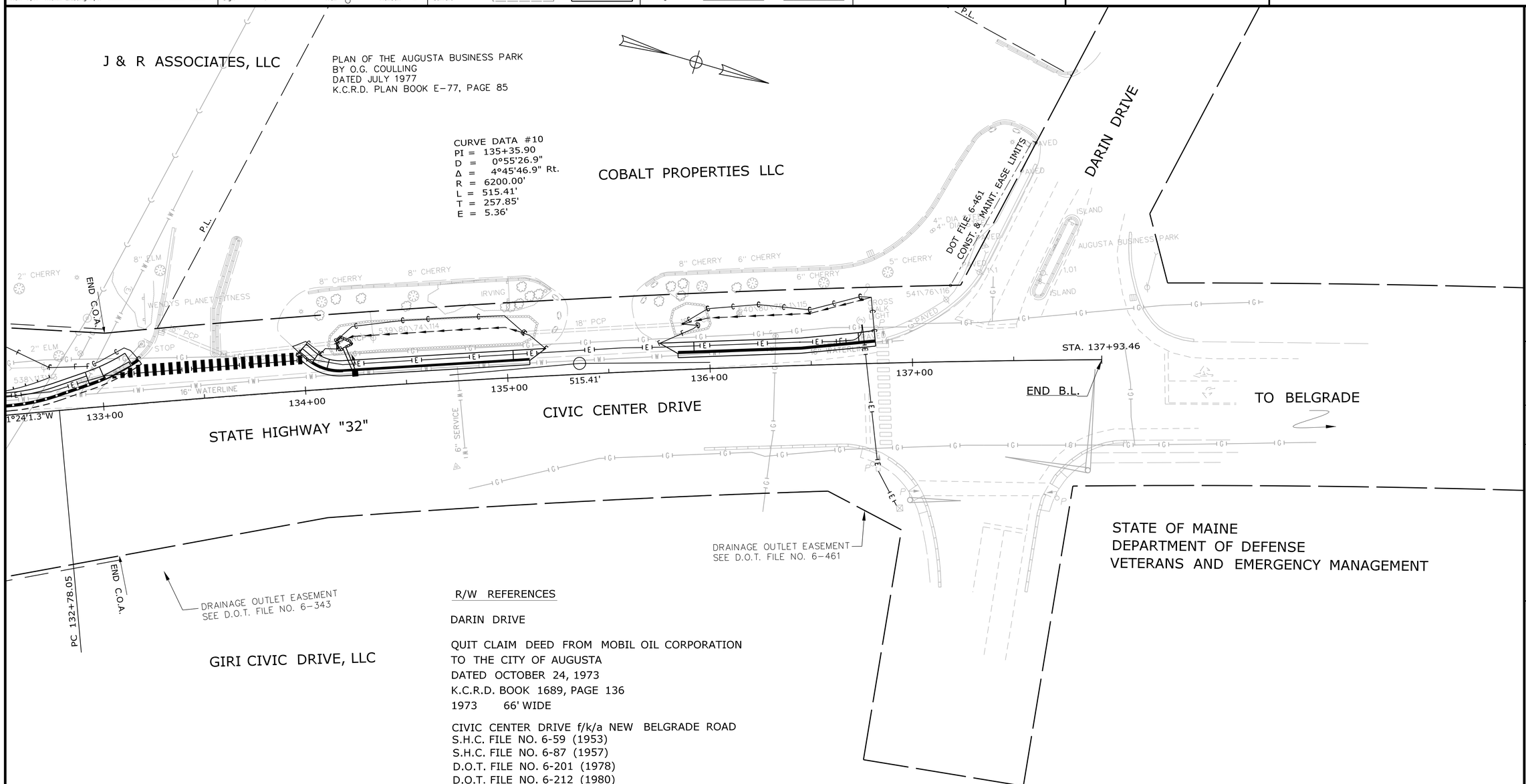
25 0 25 50 75 100
Scale of Feet



R/W REFERENCES

DARIN DRIVE

QUIT CLAIM DEED FROM MOBIL OIL CORPORATION
TO THE CITY OF AUGUSTA
DATED OCTOBER 24, 1973
K.C.R.D. BOOK 1689, PAGE 136
1973 66' WIDE

CIVIC CENTER DRIVE f/k/a NEW BELGRADE ROAD
S.H.C. FILE NO. 6-59 (1953)
S.H.C. FILE NO. 6-87 (1957)
D.O.T. FILE NO. 6-201 (1978)
D.O.T. FILE NO. 6-212 (1980)
D.O.T. FILE NO. 6-343 (1994)
D.O.T. FILE NO. 6-461 (2015)

WIN 019402.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	XXX	XXX
FINAL RIGHT OF WAY	XXX	XXX
AREAS		

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

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STATE HIGHWAY "32"
CIVIC CENTER DRIVE, ROUTE 27
AUGUSTA KENNEBEC COUNTY
FEDERAL AID PROJECT NO. STP-1940(200)X

MAY 2019	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 6-482
SCALE 1" = 25'	SHEET 6 OF 6	

SHEET NUMBER
52
OF 52