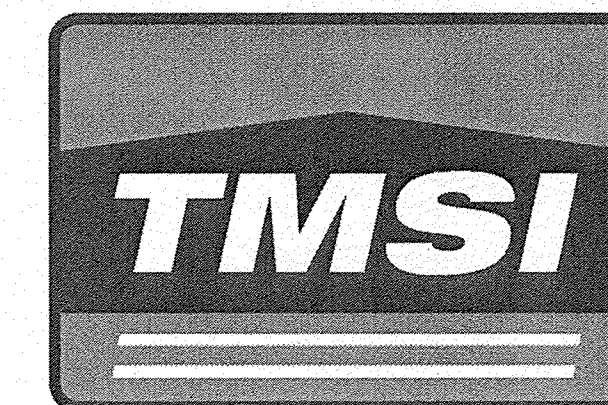


STATE OF MAINE DEPARTMENT OF TRANSPORTATION



WEST BATH SAGADAHOC COUNTY STATE ROAD HSIP-2303(000) PROJECT LENGTH : 0.23 MILES

PLAN LEGEND

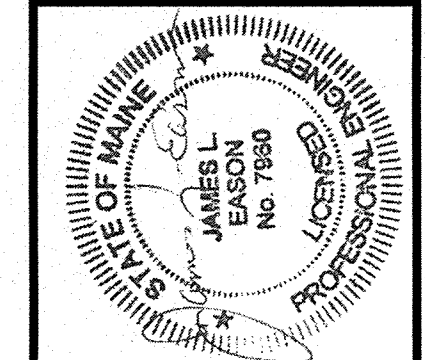
Town, County, State	Centerline-Existing	Centerline-Proposed
Property Lines	Travelway-Existing	Travelway-Proposed
R/W Lines-Existing	Travelway-Proposed	
R/W Lines-Proposed	Railroad	
Culvert-Existing	Catch Basins	Existing Proposed
Culvert Proposed	Manholes	Existing Proposed
Curbing Existing Proposed	Proposed Underdrain	
Type 1	Proposed Ditch	
Type 3	Existing Ditch	
Type 5	Utility Poles	Existing Proposed
Outline of Bodies of Water	Fire Hydrants	Existing Proposed
Boring	Existing Water Line	
Pavement Core	Existing San. Sewer	
Test Pit	Existing San. Sewer Manhole	
Probe	Guardrail-Existing	
	Guardrail-Proposed	
	Guardrail-Cable, Other	
	Exposed Bedrock	
	Buildings	
	Trees	Conifer Deciduous
	Tree Line	
	Clearing Limit Line	

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

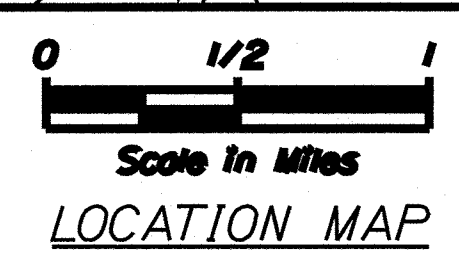
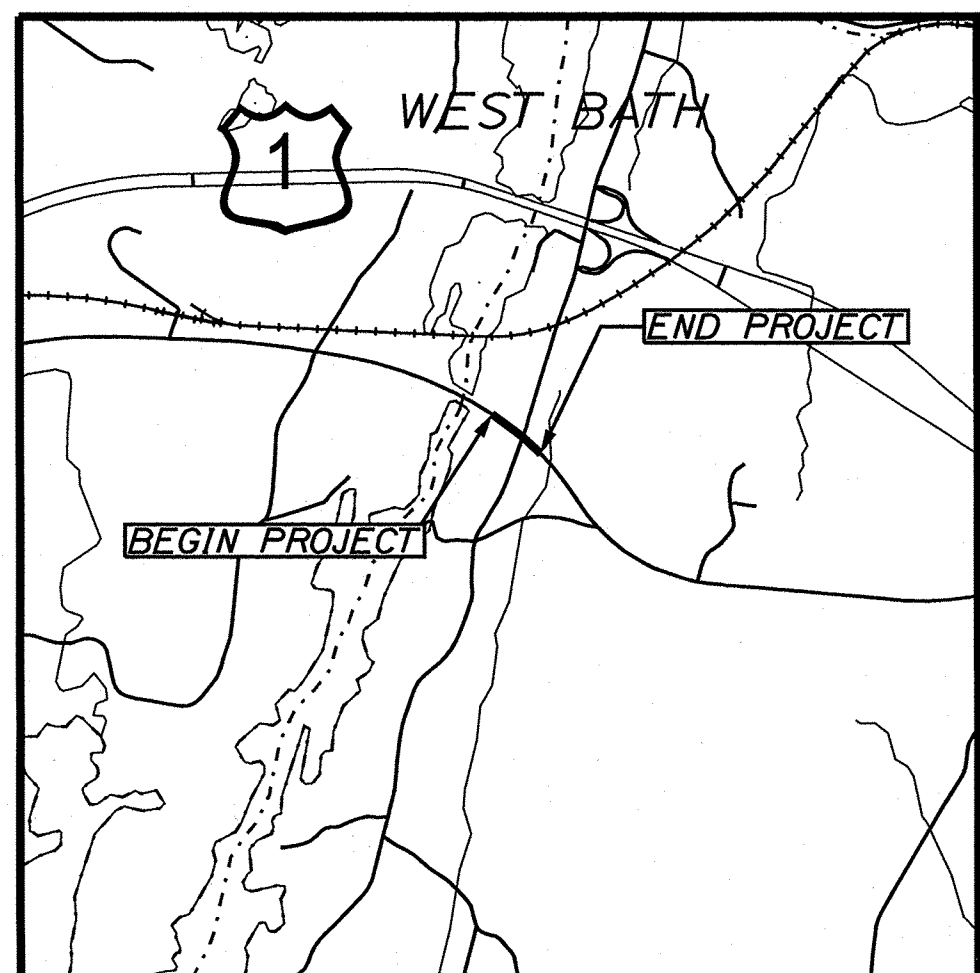
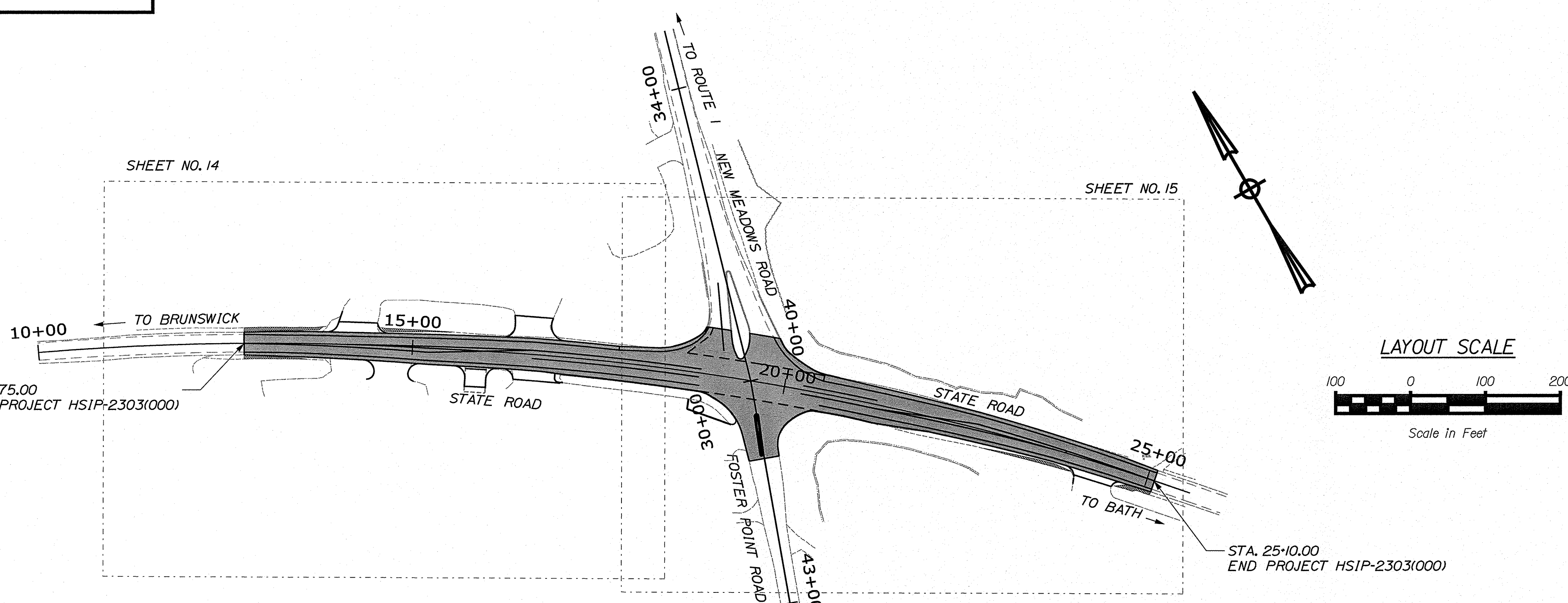
INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2
Estimated Quantities	3
General and Construction Notes	4
Geotechnical Plans	5-9
Signal Plans	10-12
Striping and Marking Plan	13
Plan / Profile	14-16
Cross - Sections	17-37
Right of Way Map	38-39

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		12-20-17
CHIEF ENGINEER: <i>[Signature]</i>		12-20-17



PROJECT INFORMATION	SIGNATURE	P.E. NUMBER	DATE
PROGRAM			
PROJECT MANAGER	J. DOSTIE	7960	
DESIGNER	A. GODFREY/A. EASON		
CONSULTANT	TERRA MAGNA SERVICES, INC.		
PROJECT RESIDENT			
CONTRACTOR			
PROJECT COMPLETION DATE			



TRAFFIC DATA	New Meadows Rd. North	State Rd. East	Foster Pt. Rd. South	State Rd. West
Current (2018) AADT	5,350	6,940	1,210	9,190
Future (2030) AADT	5,990	7,770	1,360	10,290
DHV - % of AADT	10%	11%	12%	11%
Design Hour Volume	583	875	159	1157
% Heavy Trucks (AADT)	6%	5%	6%	3%
% Heavy Trucks (DHV)	4%	4%	2%	2%
Directional Distribution (DHV)	50%	60%	58%	58%
18 kip Equivalent P 2.0	145	144	28	123
18 kip Equivalent P 2.5	138	137	26	118
Design Speed (mph)	35	45	40	45
Functional Class	Maj. Urb. Coll.	Maj. Urb. Coll.	Local	Maj. Urb. Coll.
Corridor Priority	3	3	6	3

PROJECT LOCATION:	INTERSECTION OF STATE ROAD / FOSTER POINT ROAD / NEW MEADOWS ROAD IN WEST BATH.
PROGRAM AREA:	MULTIMODAL
SCOPE OF WORK:	INTERSECTION IMPROVEMENTS WITH NEW SIGNAL

WIN 23030.00 HSIP-2303(000)

WEST BATH
STATE ROAD
TITLE SHEET

SHEET NUMBER
1
OF 39

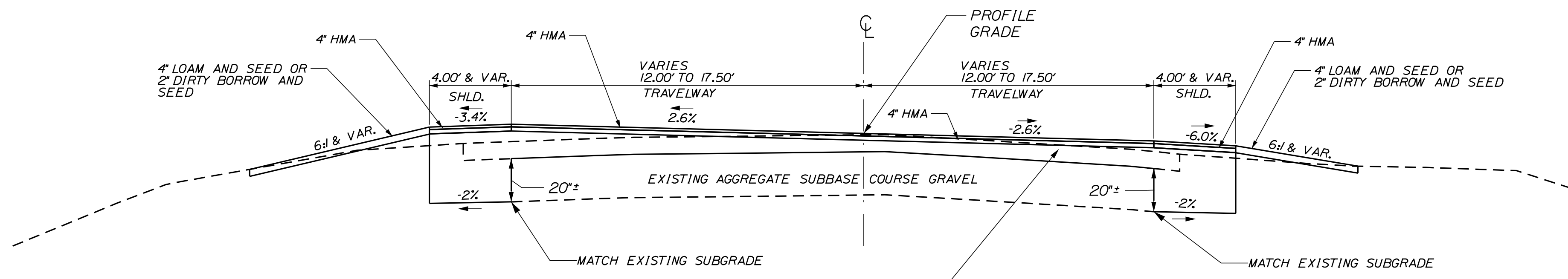
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User: rmcannon
Division: HIGHWAY
Filename: ...1001_Title_01.dgn

Date: 12/18/2019

Username: common

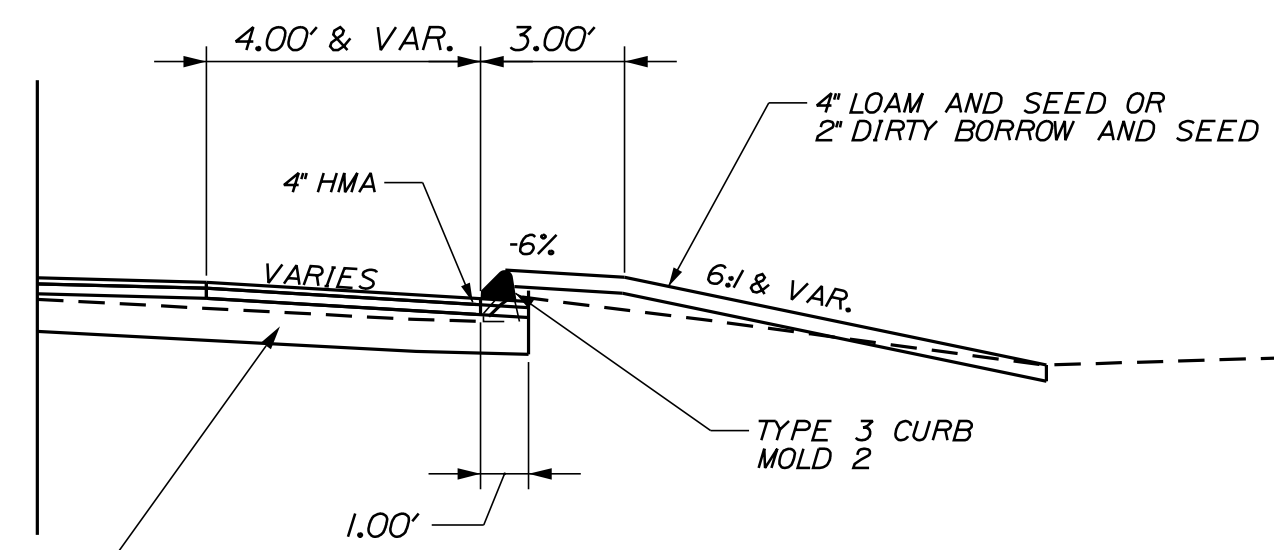
Division: HIGHWAY

Filename: ... \002_Typical_01.dgn



STATE ROAD
SUPERELEVATED
NTS
STA. 12+75 TO STA. 25+10

AGGREGATE BASE COURSE - TYPE A (ITEM 304.14)		
VAR. WIDTH LEFT SHLD. ABCG = VARIES	VAR. WIDTH TRAVELWAY ABCG = VARIES	VAR. WIDTH RIGHT SHLD. ABCG = VARIES
STATION TO STATION	STATION TO STATION	STATION TO STATION
12+75 TO 25+10	12+75 TO 25+10	12+75 TO 25+10



STATE ROAD
CURBED SHOULDER
NTS

STA. 17+00 RT. TO STA. 19+44 RT.
STA. 18+46 LT. TO STA. 18+87 LT.
STA. 19+83 LT. TO STA. 20+70 LT.
STA. 20+45 RT. TO STA. 21+25 RT.

SUPERELEVATION TABLE

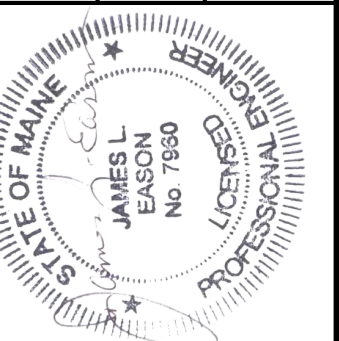
LT. SHLD.	TRAVELWAY	STATION	TRAVELWAY	RT. SHLD.
EXIST.	EXIST.	12+75	EXIST.	EXIST.
-6.0%	-2.0%	13+00	-3.3%	-7.4%
-5.0%	-1.4%	13+25	-3.0%	-6.7%
-4.0%	-0.9%	13+50	-2.6%	-6.0%
-4.0%	-0.3%	13+75	-2.6%	-6.0%
-4.0%	0.3%	14+00	-2.6%	-6.0%
-4.0%	0.9%	14+25	-2.6%	-6.0%
-4.0%	1.5%	14+50	-2.6%	-6.0%
-4.0%	2.0%	14+75	-2.6%	-6.0%
-4.0%	2.6%	15+00	-2.6%	-6.0%
-4.0%	2.6%	23+00	-2.6%	-6.0%
-4.0%	2.1%	23+25	-2.6%	-6.0%
-4.0%	1.7%	23+50	-2.6%	-6.0%
-4.0%	1.2%	23+75	-2.6%	-6.0%
-4.0%	0.7%	24+00	-2.6%	-6.0%
-4.0%	0.2%	24+25	-3.4%	-6.0%
-4.0%	-0.2%	24+50	-4.2%	-6.0%
-4.0%	-0.7%	24+75	-5.1%	-6.1%
-4.0%	-1.2%	25+00	-5.9%	-5.9%
EXIST.	EXIST.	25+10	EXIST.	EXIST.

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.B.C.G. = AGGREGATE BASE COURSE - TYPE A

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTE	DATE
DESIGN-DETAILED	JLE	10-18
CHECKED-REVIEWED	ALC	10-18
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
STATE ROAD
TYPICAL SECTIONS

SHEET NUMBER

2

OF 39

HIGHWAY PLANS
WIN
23030.00

Date:12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \004_Notes_01.dgn

1. PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL
2. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED. PAYMENT WILL BE INCIDENTAL TO SECTION 403 ITEMS.
3. 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.
4. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.
5. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.
6. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.
7. 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.
8. 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.
9. 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.
10. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3 INCHES HOT MIX ASPHALT AND 11 INCHES AGGREGATE BASE COURSE - GRAVEL TYPE A.
11. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14 INCHES AGGREGATE BASE COURSE - GRAVEL TYPE A OR 11 INCHES AGGREGATE BASE COURSE - GRAVEL TYPE A AND 3 INCHES UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
12. A 3 FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
13. 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.
14. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
15. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
16. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
17. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH LINED PIPES.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
24. DIRTY BORROW SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES UNLESS OTHERWISE NOTED OR DIRECTED.

25. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.
26. ANY BASE PAVEMENT NOT SURFACED BEFORE WINTER WILL REQUIRE TEMPORARY PAVEMENT MARKINGS OF PAINT, BOTH YELLOW CENTERLINE AND WHITE EDGE LINES AND WILL BE CONSIDERED PART OF ITEM 627.78.
27. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
28. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING OPERATIONAL BUSINESS DIRECTIONAL SIGNS (OBDS) TO ENSURE THAT THEY ARE VISIBLE TO THE TRAVELING PUBLIC. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
29. 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.
30. 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. MAINE DOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS 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.
31. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
32. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.
33. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
34. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
35. 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.
36. 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.

15 INCH CULVERT PIPE - OPTION III - ITEM 603.169	
LOCATION	LENGTH
STA. 14+62.6, 24.7' RT. TO STA. 15+50.0, 37.5' RT.	88 LF
STA. 18+66.0, 56.0' LT. TO STA. 18+85.3, 60.5' LT.	20 LF

REMOVE AND RELAY 18 IN HDPE PIPE - ITEM 603.7018	
LOCATION	LENGTH
STA. 15+66.3, 37.8' RT. TO STA. 16+06.6, 38.3' RT.	40 LF

CURB TYPE 3, MOLD 2 - ITEM 609.31	
LOCATION	LENGTH
STA. 17+00.0, 22.7' RT. TO STA. 19+44.2, 55.0' RT.	333.4'
STA. 18+46.2, 30.2' LT. TO STA. 18+86.5, 62.0' LT.	53.5'
STA. 20+44.9, 61.6' RT. TO STA. 21+25.0, 24.8' RT.	136.5'
STA. 19+83.2, 62.0' LT. TO STA. 20+70.0, 24.7' LT.	99.4'

CURB TYPE 5 - ITEM 609.34	
LOCATION	LENGTH
STA. 40+47.7, 1.3' LT. TO STA. 40+98.8, 1.0' RT.	51.1'
STA. 40+47.6, 2.7' RT. TO STA. 40+98.7, 4.0' RT.	51.1'


CURB TYPE 5 - CIRCULAR - ITEM 609.35		
LOCATION	LENGTH	REMARK
STA. 40+47.7, 1.3' LT. TO STA. 40+47.6, 2.7' RT.	6.3'	R=2'
STA. 40+98.8, 1.0' RT. TO STA. 40+98.7, 4.0' RT.	4.7'	R=1.5'

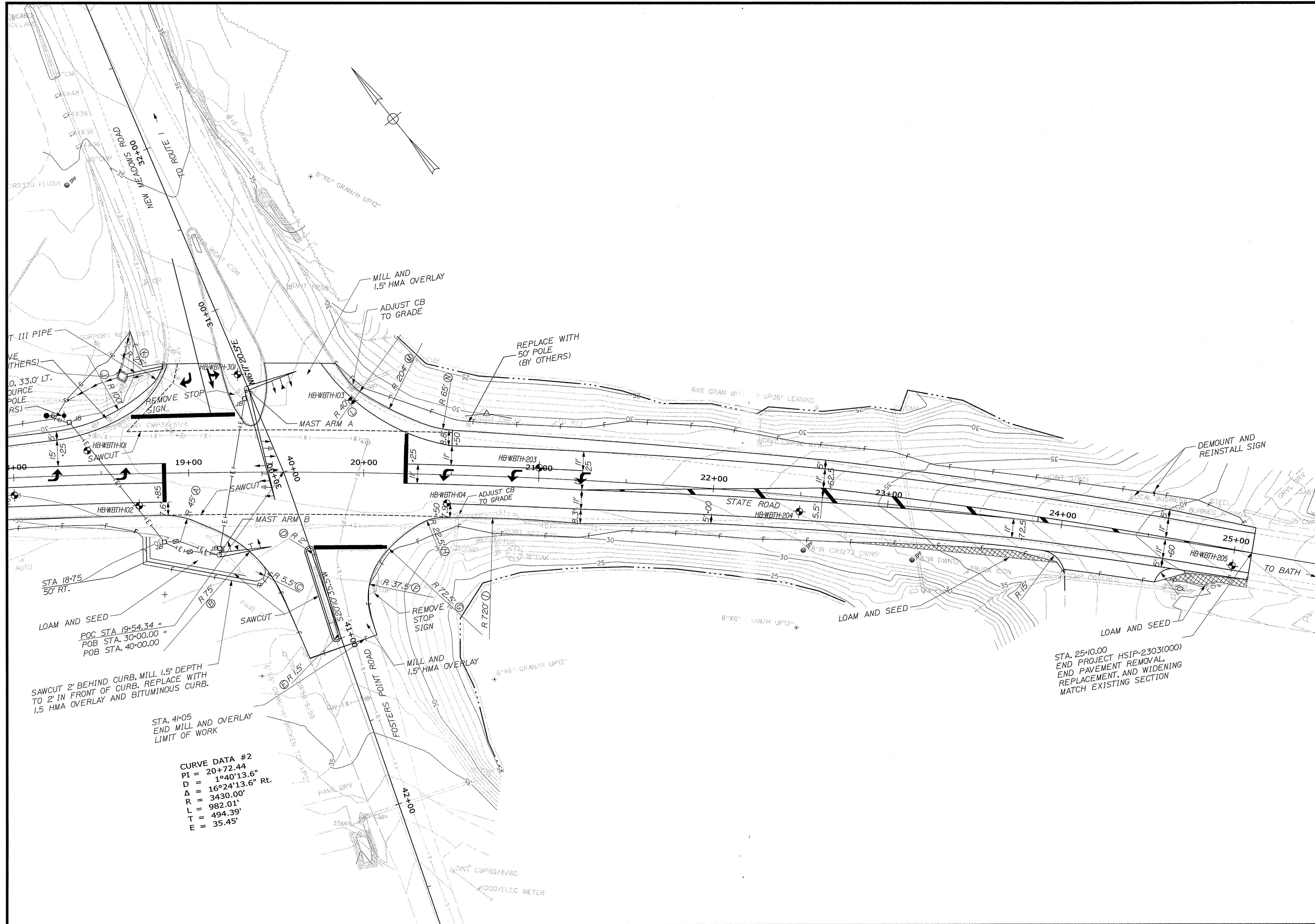
DRIVEWAYS AND ENTRANCES		
LOCATION	DESCRIPTION	CURB OPENING
STA. 14+26.5 LT.	52.5' PAVED ENTR.	---
STA. 14+72.9 RT.	45.0' PAVED DRIVE	---
STA. 15+86+ RT.	28'+ GRAVEL DRIVE	---
STA. 16+59.0 LT.	48.5' PAVED DRIVE	---
STA. 16+68.2 RT.	55.0' PAVED DRIVE	---
STA. 24+31.0 RT.	52.5' PAVED DRIVE	---

EROSION CONTROL BLANKET ITEM 613.319	
STA. 13+50 RT. TO STA. 14+50 RT.	
STA. 18+32 LT. TO STA. 18+70 LT.	

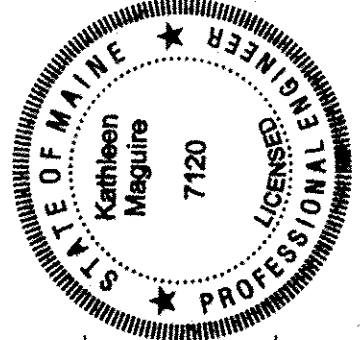
PLAIN RIPRAP - ITEM 610.08	
LOCATION	
STA. 15+50 RT.	
STA. 15+66 RT.	
STA. 16+07 RT.	
STA. 18+66 LT.	

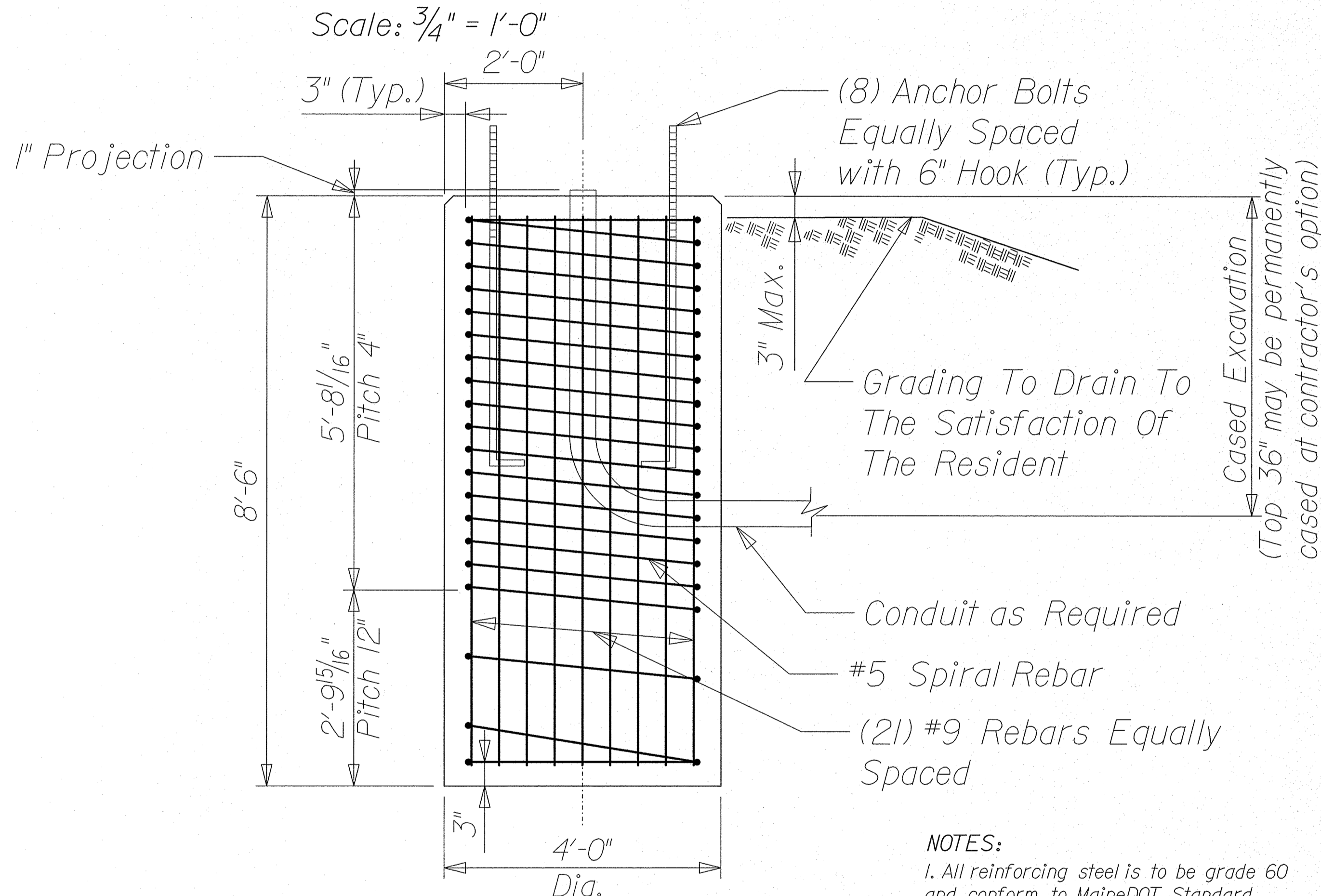
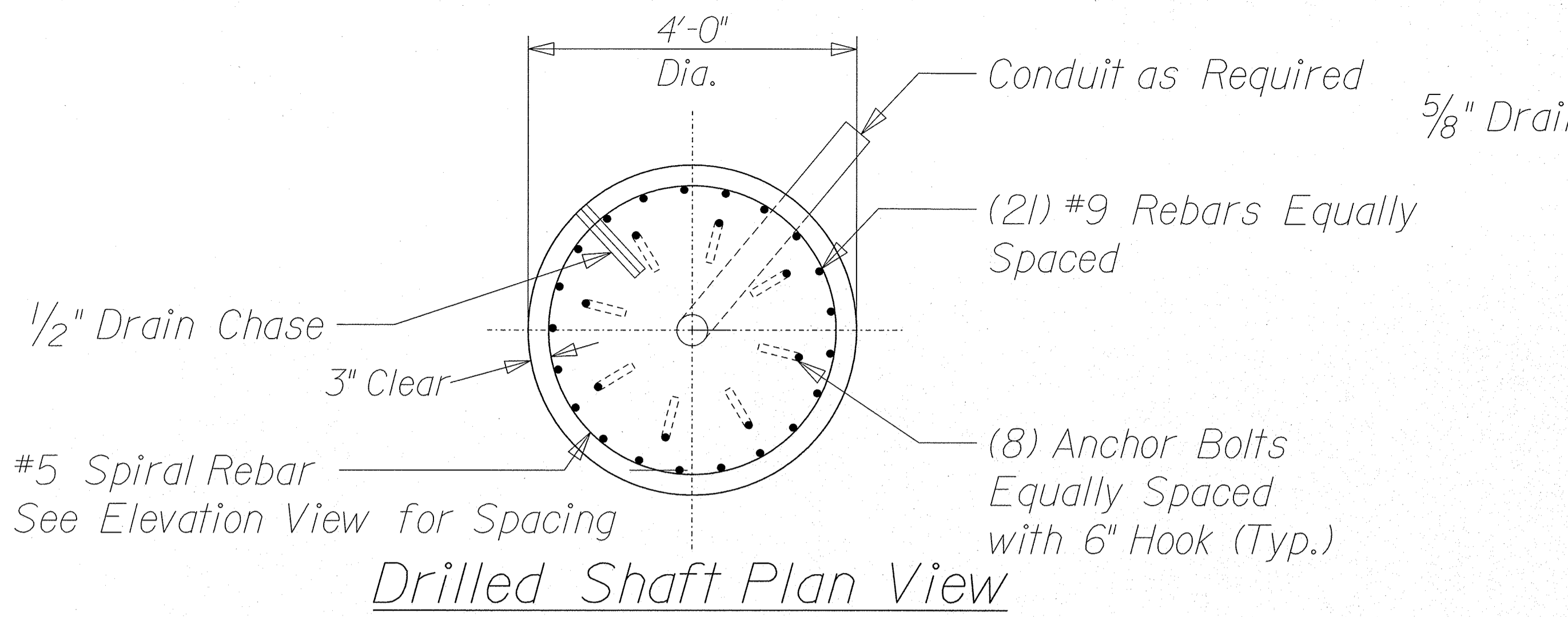
DEMOUNT AND REINSTALL SIGN		
STATION	OFFSET	DESCR.
13+50	27.8' RT.	OBDS
24+50	25.3' LT.	OBDS

STATE OF MAINE DEPARTMENT OF TRANSPORTATION HSIP-2303(000) WIN 23030.00 HIGHWAY PLANS	
WEST BATH STATE ROAD GENERAL NOTES AND CONSTRUCTION NOTES	SHEET NUMBER <div style="font-size: 2em; font-weight: bold; margin: 10px 0;">4</div> OF 39



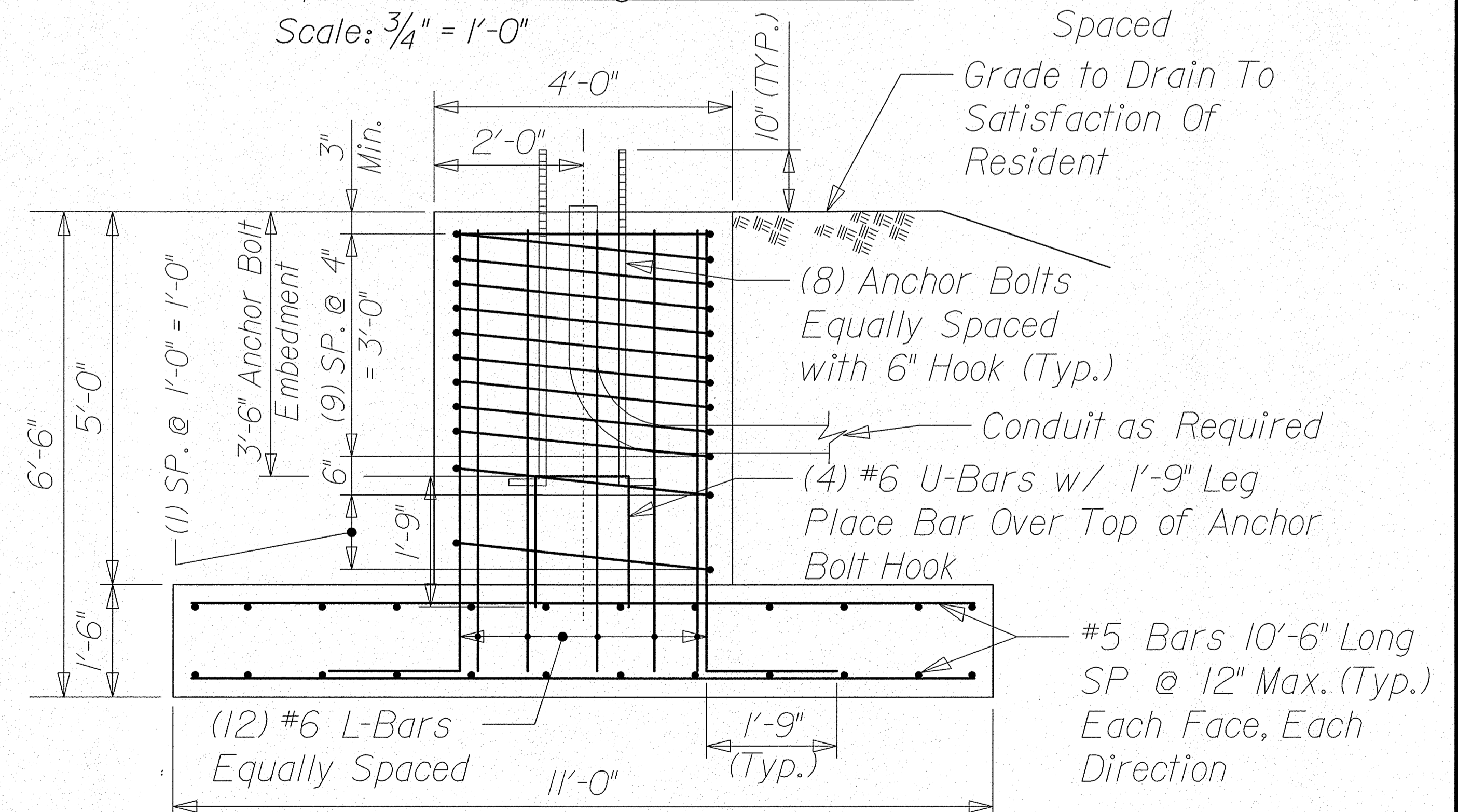
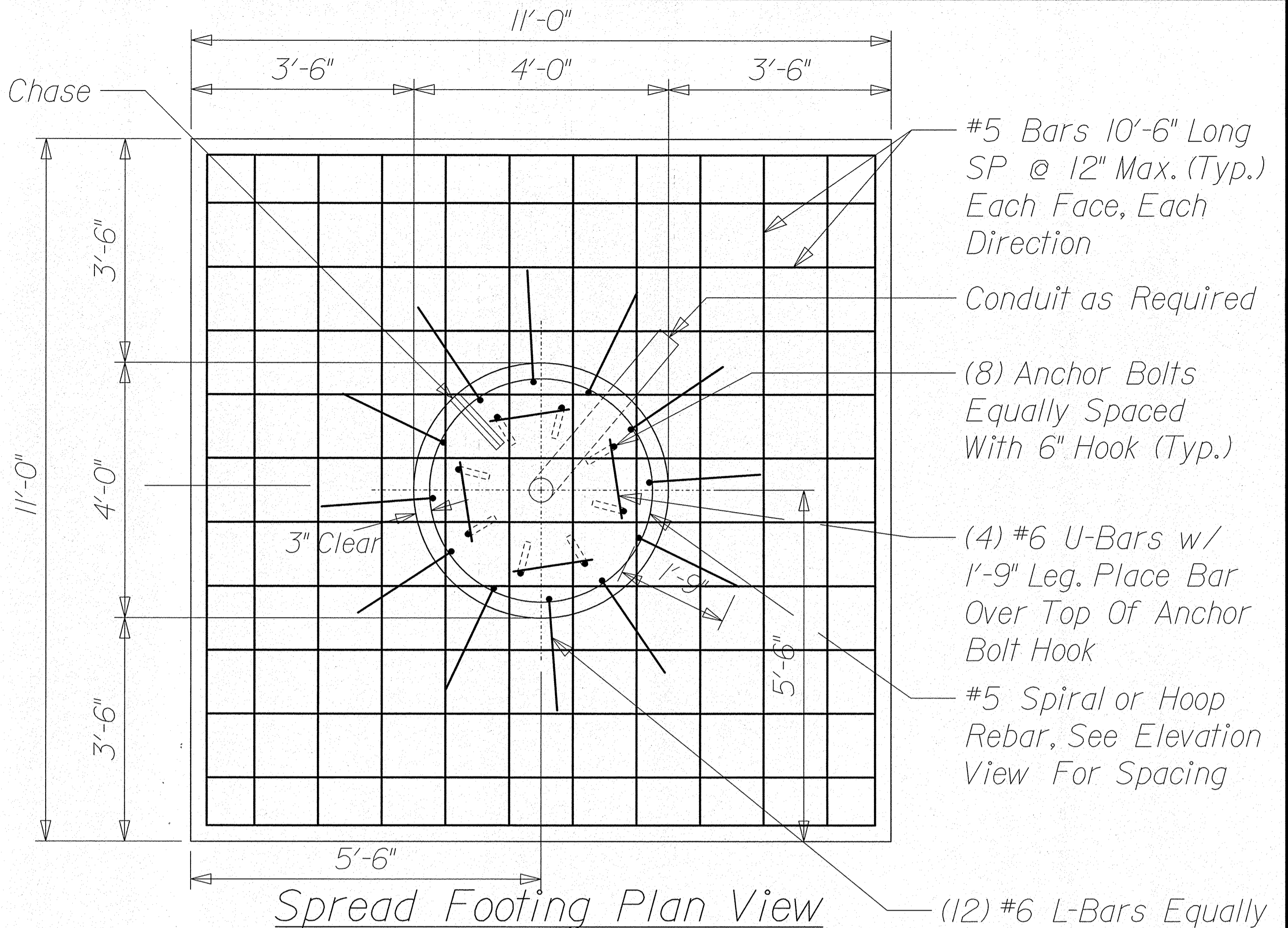
CURVE DATA #2
 PI = 20+72.44
 D = 1°40'13.6"
 Δ = 16°24'13.6" Rt.
 R = 3430.00'
 L = 982.01'
 T = 494.39'
 E = 35.45'

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2303000	WIN 23030.00	HIGHWAY PLANS
				
SIGNATURE	DATE	P.E. NUMBER	DATE	
K. McGuire	NOV 2019	7120	12/18/2019	
PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-REVIEWED	DESIGN-DETAILED
WEST BATH STATE RD. \ FOSTERS POINT RD. BORING LOCATION PLAN				
SHEET NUMBER				
6				
OF 39				

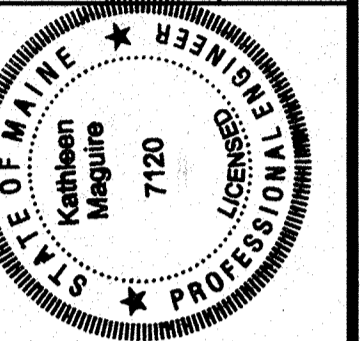


MAST ARM B

- NOTES:**
1. All reinforcing steel is to be grade 60 and conform to MaineDOT Standard Specification requirements along with any project specific Supplementals or Special Provisions.
 2. All rebar shall have 3" cover unless otherwise noted.
 3. For spread footing, L-Bars shall have a Min. 1'-9" Leg.
 4. Should there be a discrepancy between these Details and actual observed field conditions report it to the Resident immediately.
 5. Do not proceed with dependent work until any such discrepancy is resolved to the satisfaction of the Resident.
 6. Concrete to be Class LP with f'c = 5,000 PSI.



MAST ARM A



PROJ. MANAGER: K. Maguire
DESIGN-REVIEWED: T. White
DESIGN-DETAILS: K. Maguire
REVISIONS 1, 2, 3, 4
FIELD CHANGES

DATE	BY	REVISION
DEC 2019	T. WHITE	DESIGN-REVIEWED

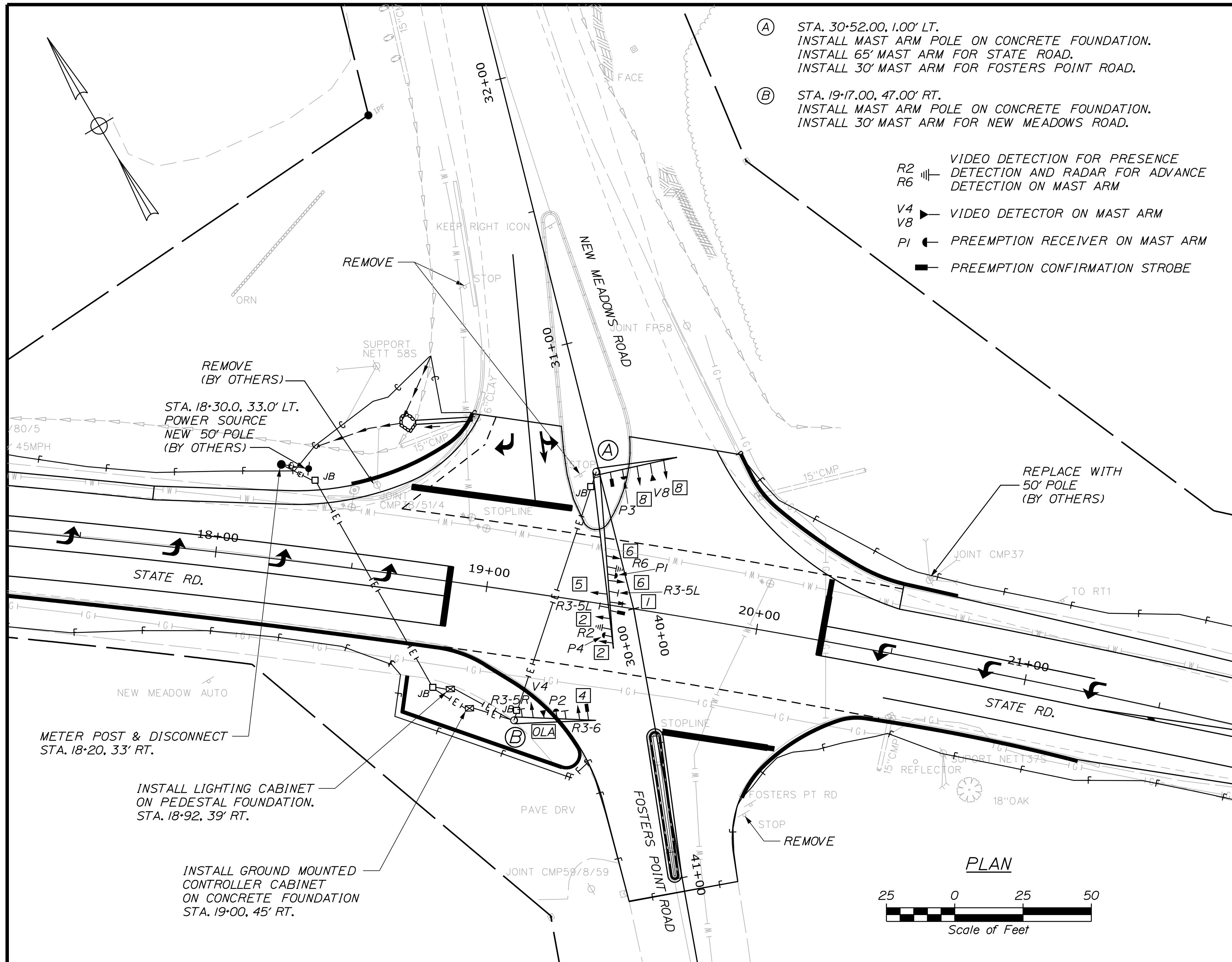
WEST BATH
STATE RD. \ FOSTERS POINT RD.
MAST ARM FOUNDATIONS

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \010_Signal_Plan.dgn



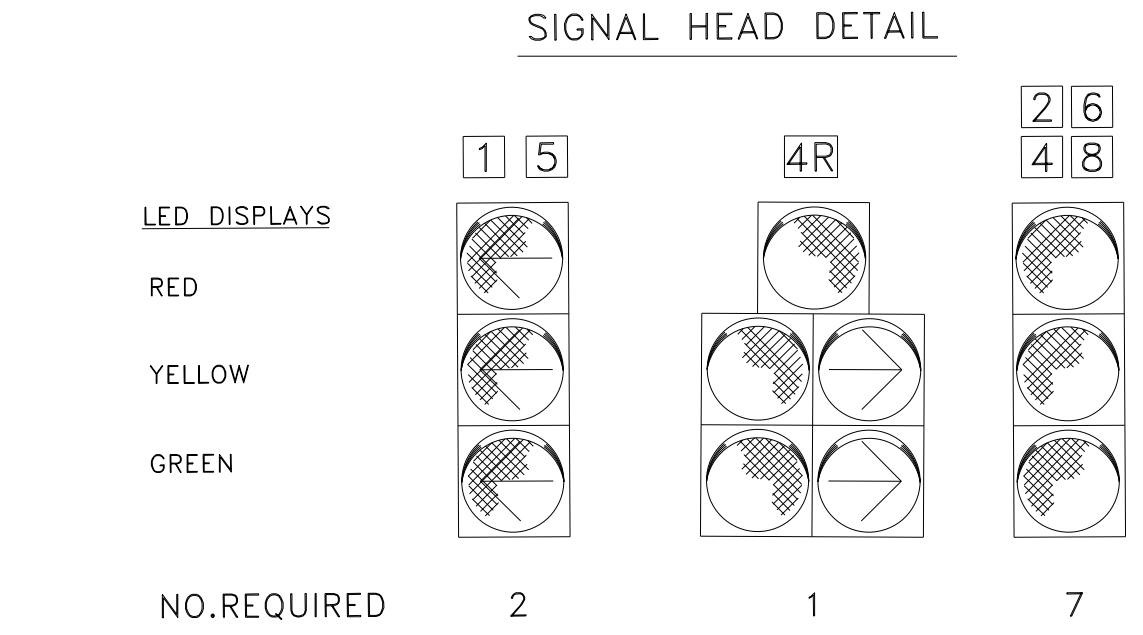
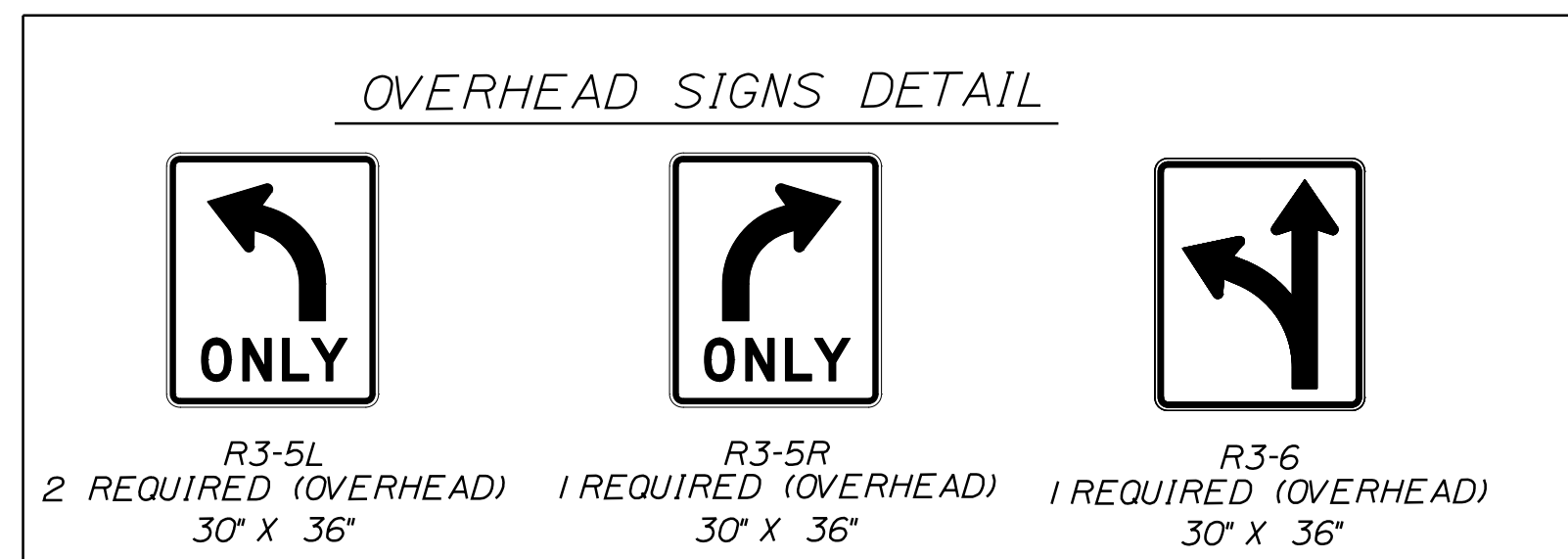
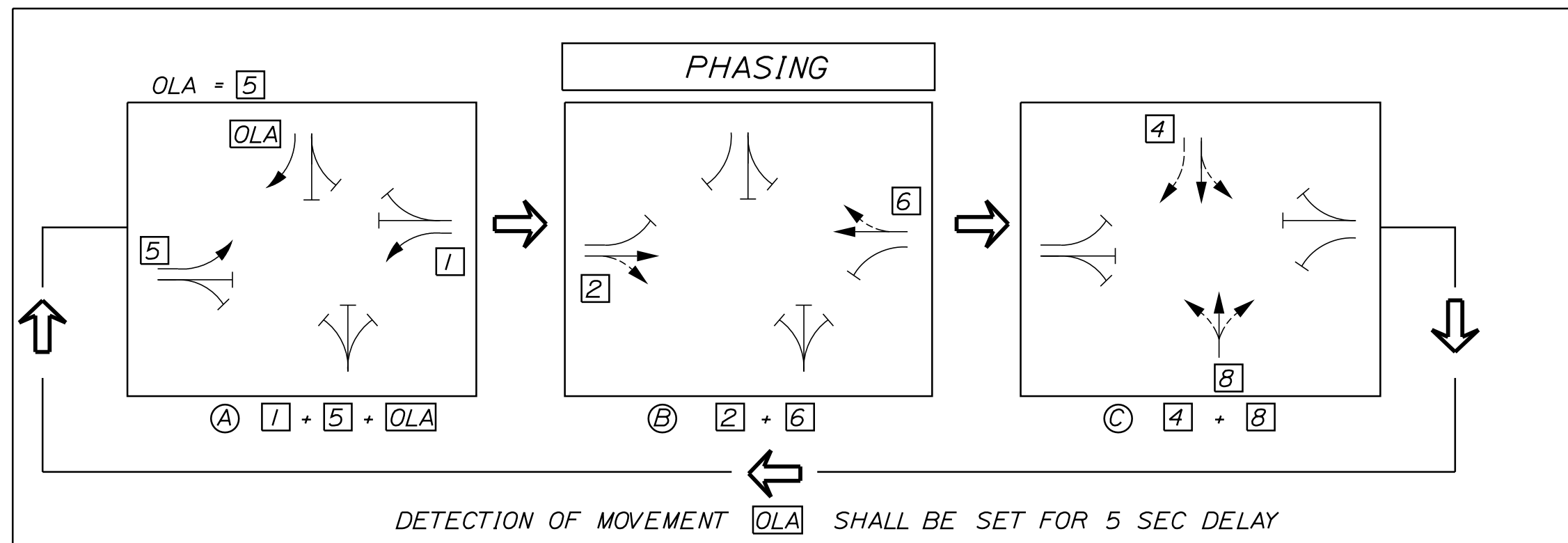
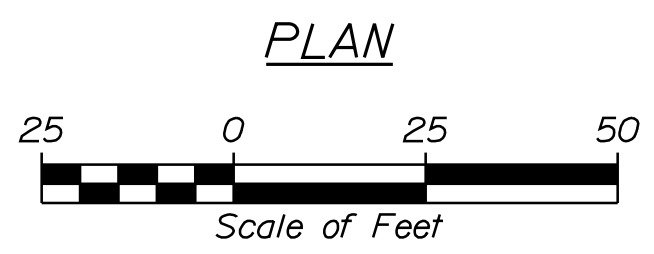
- (A) STA. 30+52.00, 1.00' LT.
INSTALL MAST ARM POLE ON CONCRETE FOUNDATION.
INSTALL 65' MAST ARM FOR STATE ROAD.
INSTALL 30' MAST ARM FOR FOSTERS POINT ROAD.
- (B) STA. 19+17.00, 47.00' RT.
INSTALL MAST ARM POLE ON CONCRETE FOUNDATION.
INSTALL 30' MAST ARM FOR NEW MEADOWS ROAD.

- R2 VIDEO DETECTION FOR PRESENCE
- R6 DETECTION AND RADAR FOR ADVANCE DETECTION ON MAST ARM
- V4 VIDEO DETECTOR ON MAST ARM
- V8 VIDEO DETECTOR ON MAST ARM
- P1 PREEMPTION RECEIVER ON MAST ARM
- PI PREEMPTION CONFIRMATION STROBE

EMERGENCY VEHICLE PREEMPTION NOTES

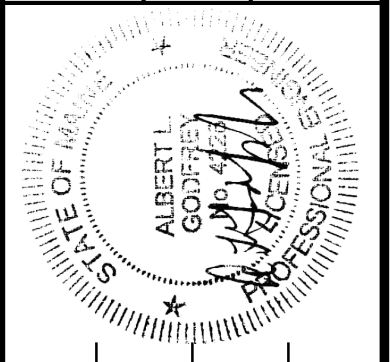
1. EMERGENCY VEHICLE PREEMPTION SIGNALS SHALL BE TRANSMITTED BY OPTICAL EMITTERS INSTALLED BY OTHERS IN EMERGENCY VEHICLES.
2. BEFORE ORDERING PREEMPTION EQUIPMENT, THE CONTRACTOR SHALL CONFIRM THE OPERATIONAL COMPATIBILITY OF PROPOSED NEW PREEMPTION EQUIPMENT WITH EXISTING PREEMPTION EMITTERS OF CITY OF BATH AND TOWN OF WEST BATH EMERGENCY VEHICLES. OPTICAL PREEMPTION RECEIVERS AND CONFIRMATION STROBE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE AS MANUFACTURED BY TOMAR ELECTRONICS, INC. OR APPROVED EQUAL.
3. EMERGENCY OPTICAL PREEMPTION RECEIVERS AND CONFIRMATION STROBE SHALL BE ATTACHED TO MAST ARMS WITH APPROVED MAST ARM MOUNT HARDWARE MANUFACTURED BY TOMAR OR OTHER APPROVED MANUFACTURER.
4. PREEMPTION SIGNALS SHALL BE SERVICED ON A PRIORITY BASIS WITH WESTBOUND RECEIVER 'P1' HAVING FIRST PRIORITY. SOUTHBOUND RECEIVER 'P2' SHALL HAVE SECOND PRIORITY. NORTHBOUND RECEIVER 'P3' SHALL HAVE THIRD PRIORITY. EASTBOUND RECEIVER 'P4' SHALL HAVE FOURTH PRIORITY.
5. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED BY AN OPTICAL RECEIVER, THE CONTROLLER SHALL HOLD OR ADVANCE TO AND HOLD THE EMERGENCY ACTIVE PHASE GREEN INDICATION FOR A MINIMUM OF TEN SECONDS OR UNTIL THE PREEMPTION SIGNAL CEASES. THE CONTROLLER THEN SHALL TIME PREEMPTION PHASE CLEARANCE OF 4.0 SECONDS YELLOW AND 2.0 SECONDS ALL RED AND SERVICE SUBSEQUENT EMERGENCY VEHICLE PREEMPTION PHASES AS NECESSARY. THE CONTROLLER SHALL RESUME NORMAL SIGNAL OPERATION AFTER SERVICING THE LAST PREEMPTION CALL AND PREEMPTION CLEARANCE.
6. MINIMUM GREEN AND NORMAL VEHICLE CLEARANCE SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PREEMPTION DEMAND.
7. THE CONFIRMATION STROBES SHALL BE ILLUMINATED WHENEVER A CALL IS RECEIVED.

PHASE	1	2	3	4	5	6	7	8
MIN. INITIAL	5.0	6.0	-	5.0	5.0	6.0	-	5.0
VEH. EXT.	2.0	2.0	-	2.0	2.0	2.0	-	2.0
MAX. GREEN	15	40	-	25	15	40	-	25
YELLOW	4.0	4.0	-	3.5	4.0	4.0	-	3.5
ALL RED	1.5	2.0	-	2.0	1.5	2.0	-	2.0
FLASH	R	Y	-	R	R	Y	-	R
RECALL	-	SOFT	-	-	-	SOFT	-	-



1. ALL NEW SIGNAL FACE DISPLAYS SHALL BE 12" LED.
2. ALL NEW SIGNAL FACE DISPLAYS SHALL HAVE TUNNEL VISORS.
3. ALL NEW SIGNAL DISPLAYS SHALL HAVE BACKPLATES WITH 3" MINIMUM WIDTH YELLOW RETROREFLECTIVE TAPE AROUND DISPLAY FACE.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE: [Signature]
P.E. NUMBER: 4226
DATE: 10/25/19

PROJ. MANAGER	JERRY DOSTIE	DATE
DESIGN-DETAILED	JLE	10-19
CHECKED-REVIEWED	ALC	10-19
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
STATE ROAD
SIGNAL PLAN

SHEET NUMBER
10
OF 39

HIGHWAY PLANS

WIN 23030.00

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \011_Signal_Notes.dgn

TRAFFIC SIGNAL NOTES

1. TRAFFIC SIGNAL WORK FOR THIS PROJECT WILL INCLUDE, BUT NOT BE LIMITED TO, FURNISHING AND INSTALLING A COMPLETE NEW GROUND-MOUNTED ATC TRAFFIC SIGNAL CABINET AND FOUNDATION, ATC CONTROLLER, FIELD MONITORING UNIT WITH CELLULAR MODEM, AND ANCILLARY EQUIPMENT; VEHICULAR TRAFFIC SIGNAL ASSEMBLIES; VIDEO AND RADAR DETECTION; PREEMPTION EQUIPMENT; INTERSECTION LIGHTING HARDWARE AND WIRING; AND RELATED INCIDENTAL WORK AND MATERIALS.
2. ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE LATEST REVISIONS OF THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, MAINE DOT 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 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 M.R.S.A. 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 CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY OPERATIONS ARE CONDUCTED THAT POTENTIALLY COULD CONFLICT WITH AERIAL UTILITIES.
5. INSTALL NEW 120V/240V POWER SERVICE FOR TRAFFIC SIGNALS AND LIGHTING.
6. LIGHTING CONTROLS SHALL BE INSTALLED IN A SEPARATE LOCKABLE NEMA 3R CABINET ON A PEDESTAL AND ITEM 626.35 CONTROLLER CABINET FOUNDATION.
7. AN EXTERNAL, STANDALONE BREAKER TO DISCONNECT POWER TO THE NEW TRAFFIC SIGNAL AND LIGHTING CONTROL CABINETS SHALL BE INSTALLED IN A LOCKABLE NEMA 3R ENCLOSURE BETWEEN THE METER AND THE CABINETS.
8. 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.
9. SIGNAL ASSEMBLIES SHALL BE POLYCARBONATE WITH 5-INCH LOUVERED BACKPLATES AND YELLOW RETROREFLECTIVE TAPE AROUND THE DISPLAY FACE PERIMETER OF THE BACKPLATES.
10. THE BOTTOM OF 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.
11. CONDUIT FROM THE POWER SOURCE TO THE METER SHALL BE RIGID METAL CONDUIT. OTHER CONDUIT NOT UNDER PAVEMENT SHALL BE 3 INCH MINIMUM, PVC SCHEDULE 40. CONDUIT UNDER PAVEMENT 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.
12. THERE SHALL BE NO SPLICES OR JUNCTION BOXES EXCEPT AS NOTED ON THE PROJECT PLANS OR APPROVED BY THE RESIDENT. JUNCTION BOXES ARE INTENDED FOR WIRE PULLING ACCESS ONLY.
13. JUNCTION BOX COVERS SHALL BE LABELED "TRAFFIC" AND SHALL BE GROUNDED.
14. THE TRAFFIC SIGNAL CONTROLLER SHALL BE AN ADVANCED TRANSPORTATION CONTROLLER (ATC) CAPABLE OF SUPPORTING NTCIP PROTOCOLS.
15. DETECTION EQUIPMENT SHALL BE CONNECTED TO THE FIELD MONITORING UNIT AND CELL MODEM WITH REMOTE MONITORING AND ADJUSTMENT CAPABILITY.
16. THE CELL MODEM IN THE ATC CABINET SHALL BE INTEGRATED INTO A CLOUD BASED MONITORING SYSTEM, SIERRA WIRELESS GX450 OR APPROVED EQUAL.
17. SPECIFIED TRAFFIC SIGNAL MAST ARM POLE LOCATIONS ARE MEASURED TO THE CENTER OF THE FOUNDATIONS. SPECIFIED LOCATIONS FOR THE CONTROLLERS ARE MEASURED TO THE CENTER OF THE CONTROLLER FOUNDATIONS.
18. BID QUANTITIES FOR ITEMS 626.332 AND 626.333 ARE BASED ON PRELIMINARY EVALUATION OF BENDING MOMENT AND TORSION REACTIONS AT THE TOP OF THE FOUNDATIONS. THE CONTRACTOR IS RESPONSIBLE FOR FOUNDATION DESIGN IN ACCORDANCE WITH THE SECTION 626 STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

19. 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.
20. OVERHEAD LANE USE SIGNING INSTALLED ON MAST ARMS WILL BE PAID AS ITEM 645.271.
21. INSTALL NEW TYPE 11 36"x36" W23-2 "NEW TRAFFIC PATTERN" SIGNS ON THE STATE ROAD EASTBOUND AND WESTBOUND APPROACHES BEYOND THE PROJECT LIMITS AT LOCATIONS TO BE DESIGNATED BY THE PROJECT RESIDENT.
22. THE LIGHTING CIRCUIT FOR LUMINAIRES SHALL BE PHOTOCELL ACTIVATED BY A PHOTOCELL ON THE LIGHTING CONTROL CABINET.
23. LIGHTING FIXTURE VOLTAGE SHALL BE 120 VOLTS.
24. LIGHTING FIXTURES SHALL BE 1ES FULL CUTOFF LIGHT EMITTING DIODE (LED) FIXTURES, 1ES DISTRIBUTION TYPE 2. LED MODULES SHALL BE IP66 RATED.
25. INSTALL LIGHTING FIXTURES BY MINIMUM LENGTH HORIZONTAL TENON MOUNTING AT THE TOP OF EACH TRAFFIC SIGNAL MAST ARM POLE COLUMN (TWO LUMINAIRES TOTAL). TENONS SHALL BE 2 INCH NOMINAL DIAMETER. ORIENTATION OF THE LUMINAIRES SHALL BE TOWARD THE CENTER OF THE INTERSECTION. MOUNTING HEIGHT SHALL BE 30' ABOVE THE ROADWAY ELEVATION.
26. ALL LIGHTING FIXTURES SHALL BE GASKETED AND SHALL HAVE SURGE PROTECTION AND A DOUBLE FUSE KIT. FIXTURES SHALL BE GRAY. LUMINAIRES SHALL BE AMERICAN ELECTRIC LIGHTING "AUTOBAHN" SERIES ATBO FIXTURES, CATALOG NUMBER: ATBO 30BLEDE70 X R2 4K.
27. BUSHINGS SHALL BE INSTALLED ON ALL CONDUIT TERMINATIONS.
28. PULL WIRE SHALL BE INSTALLED IN ALL CONDUIT.
29. ALL CONDUIT THREADS ARE TO BE REDHEADED.
30. 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.
31. SECONDARY CIRCUIT WIRING FOR TRAFFIC SIGNALS AND LIGHTING SHALL BE STRANDED COPPER XHHW-2, NO. 8 AWG OR LARGER.
32. ALL TRAFFIC SIGNAL AND LIGHTING EQUIPMENT SHALL BE BONDED TO THE GROUNDING CONDUCTOR.
33. MAST ARM POLE FOUNDATIONS AND CONTROL CABINET FOUNDATIONS EACH SHALL HAVE ONE OR MORE GROUND RODS LOCATED IN OR ADJACENT TO THE FOUNDATION THAT ARE BONDED TO THE GROUNDING CONDUCTOR.
34. EMERGENCY VEHICLE PREEMPTION SHALL BE PROVIDED FOR ALL INTERSECTION APPROACHES. SEE SIGNAL PLAN SHEET 9 FOR REQUIREMENTS.
35. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS SECURELY ATTACHED TO EACH CABLE.
36. AT THE TIME OF FINAL PROJECT INSPECTION, THE CONTRACTOR SHALL FURNISH TO THE RESIDENT THREE COMPLETE SETS OF AS-BUILT TRAFFIC SIGNAL PLANS, WIRING DIAGRAMS, BOX PRINTS AND EQUIPMENT MANUALS. TWO SETS SHALL REMAIN IN THE TRAFFIC SIGNAL CABINET.
37. THE MAINTENANCE OF TRAFFIC SIGNALS AND LIGHTING SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY MAINE DOT.
38. PAYMENT UNDER ITEM 643.80 SHALL INCLUDE, BUT NOT BE LIMITED TO, POWER SERVICE AND METER, METER DISCONNECT AND ENCLOSURE, VEHICULAR SIGNAL ASSEMBLIES AND LED LAMPS, BACKPLATES, VISORS, CONTROLLER AND CABINET, WIRING, POLE RISERS, AND ALL APPURTENANCES AND INCIDENTALS NECESSARY FOR A COMPLETELY FUNCTIONING TRAFFIC SIGNAL INSTALLATION, OTHER THAN RELATED LABOR, MATERIALS AND EQUIPMENT INCLUDED IN OTHER PAY ITEMS OF THE CONTRACT.
39. PAYMENT UNDER ITEM 634.160 HIGHWAY LIGHTING SHALL INCLUDE ALL 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.
40. PAYMENT UNDER ITEM 643.83 SHALL INCLUDE ADVANCE RADAR DETECTION WITH DILEMMA ZONE PROTECTION FOR THE STATE ROAD INTERSECTION APPROACHES. NO ADVANCE RADAR DETECTION IS REQUIRED FOR NEW MEADOWS ROAD OR FOR FOSTERS POINT ROAD.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
4226
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	DATE	10/18
DESIGN-DETAILED	JLE	BY	JLE
CHECKED-REVIEWED	ALC	DATE	10/18
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
SIGNAL NOTES

SHEET NUMBER

11

OF 39

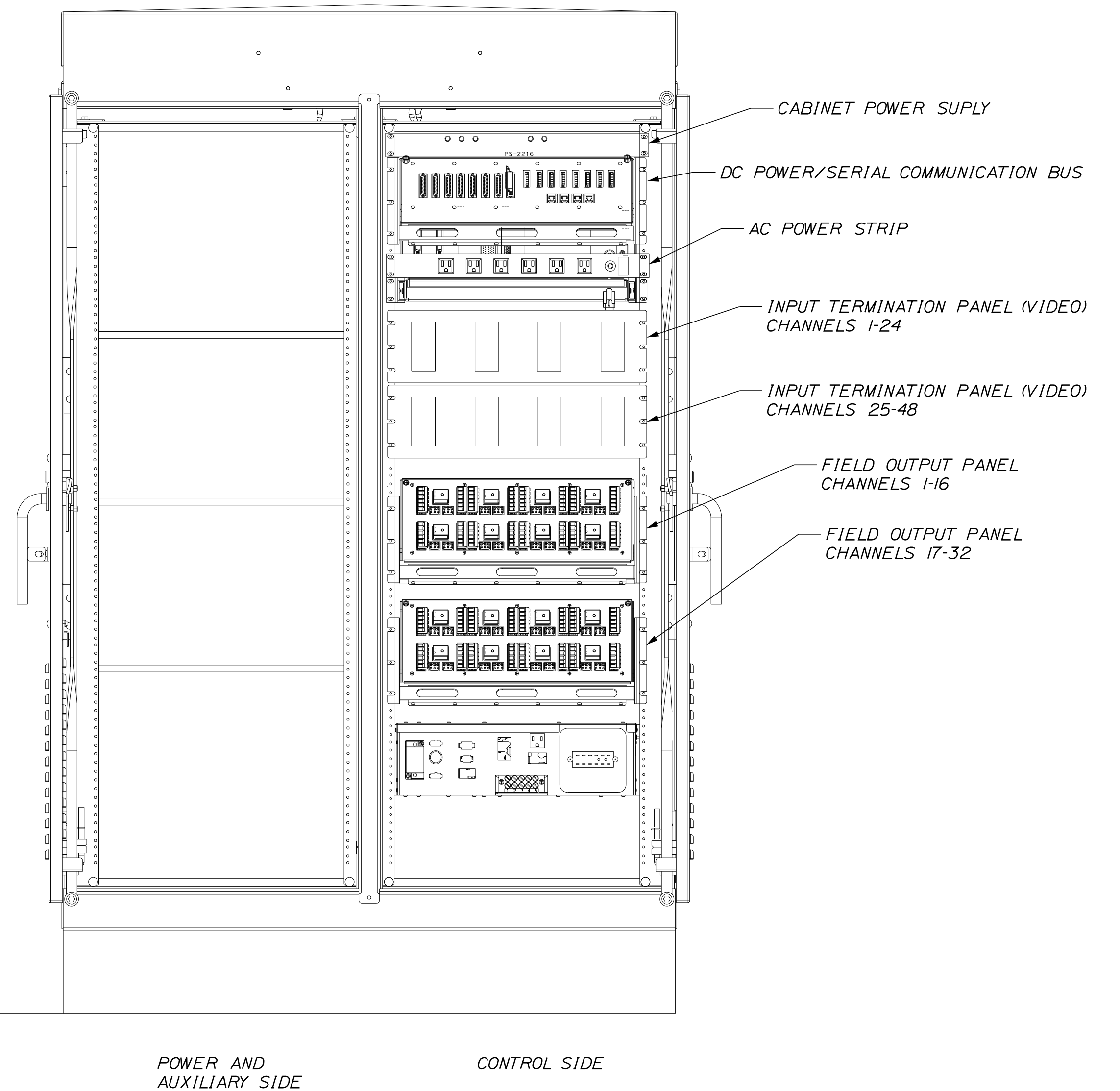
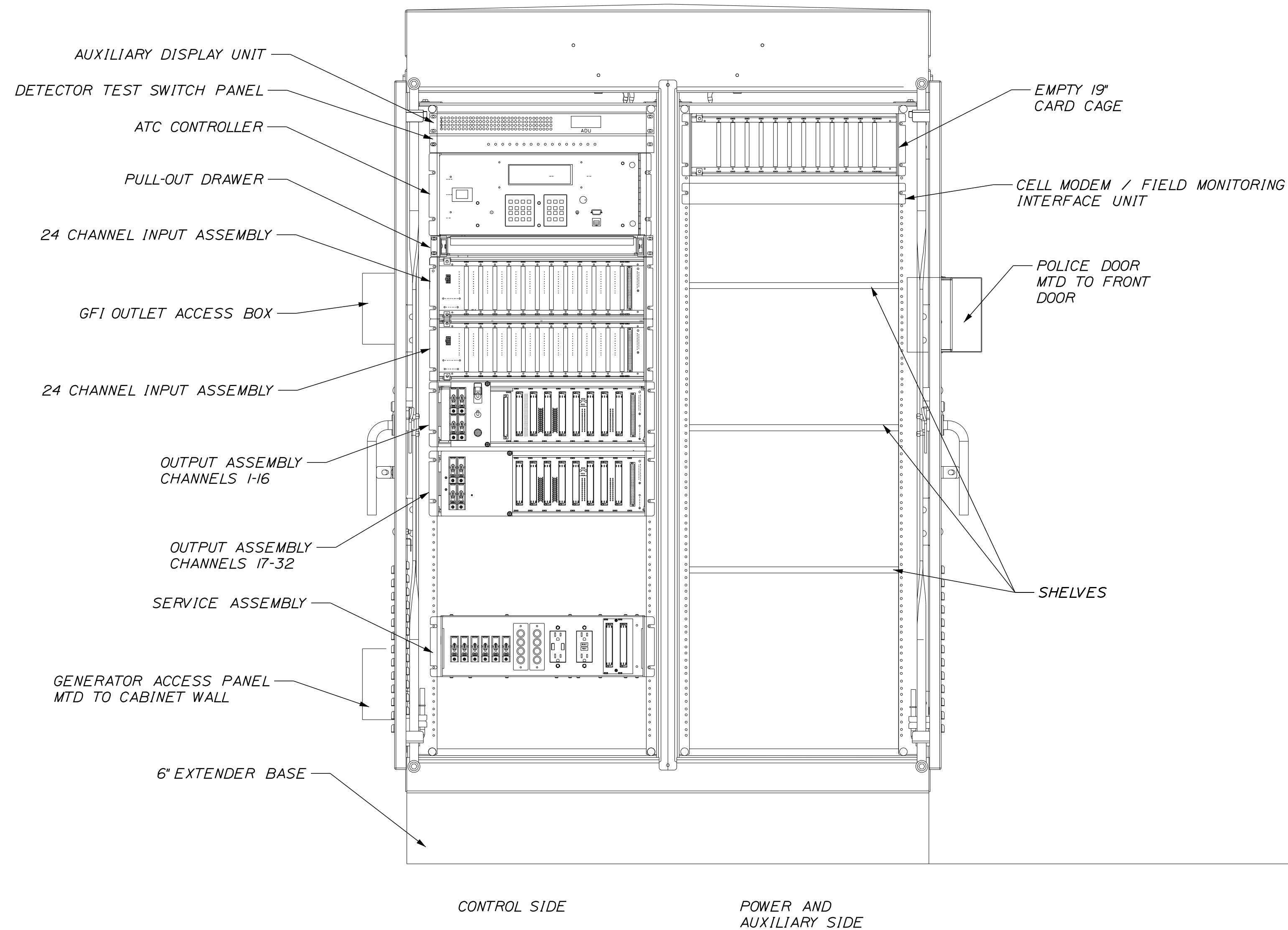
WIN
23030.00
HIGHWAY PLANS

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \012_ATCC DETAILS.dgn



MaineDOT 32 / 48 ATC CABINET
 NOT TO SCALE

NOTES:

- DRAWING SHOWN IS A SCHEMATIC REPRESENTATION OF THE ATC CABINET DEPICTING THE RELATIVE LOCATION OF VARIOUS IN-CABINET DEVICES AND SUBASSEMBLIES. THE EXACT SIZE OF VARIOUS ELEMENTS MAY VARY PER MANUFACTURER.
- INPUT TERMINATION PANEL SHOWN IS FOR VIDEO BASED UNITS.
- DRAWING DEPICTS TWO INPUT PANELS AND TWO OUTPUT PANELS. THIS QUANTITY MAY BE REDUCED DEPENDING ON APPLICATION; SEE SPECIAL PROVISIONS FOR NUMBER OF PANELS TO BE SUPPLIED.
- FAN AND THERMOSTAT SHALL BE INSTALLED ON THE CABINET FRAME ABOVE THE DOOR.
- LED LIGHT STRIPS SHALL BE INSTALLED ON CABINET FRAME ABOVE THE DOOR AND ON THE UNDERSIDE OF THE LOWER SHELF.

NOMINAL TERMINAL PANEL SIZE
 PER 24 INPUT RACK:

LOOP = 6U HIGH (10.5")
 VIDEO = 3U HIGH (5.25")

NOT TO SCALE

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 HSIP-2303(000)



SIGNATURE: *Albert L. Godfrey*
 P.E. NUMBER: 4226
 DATE: 10/25/19

PROJ. MGR.	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
 STATE ROAD
 ATCC DETAIL

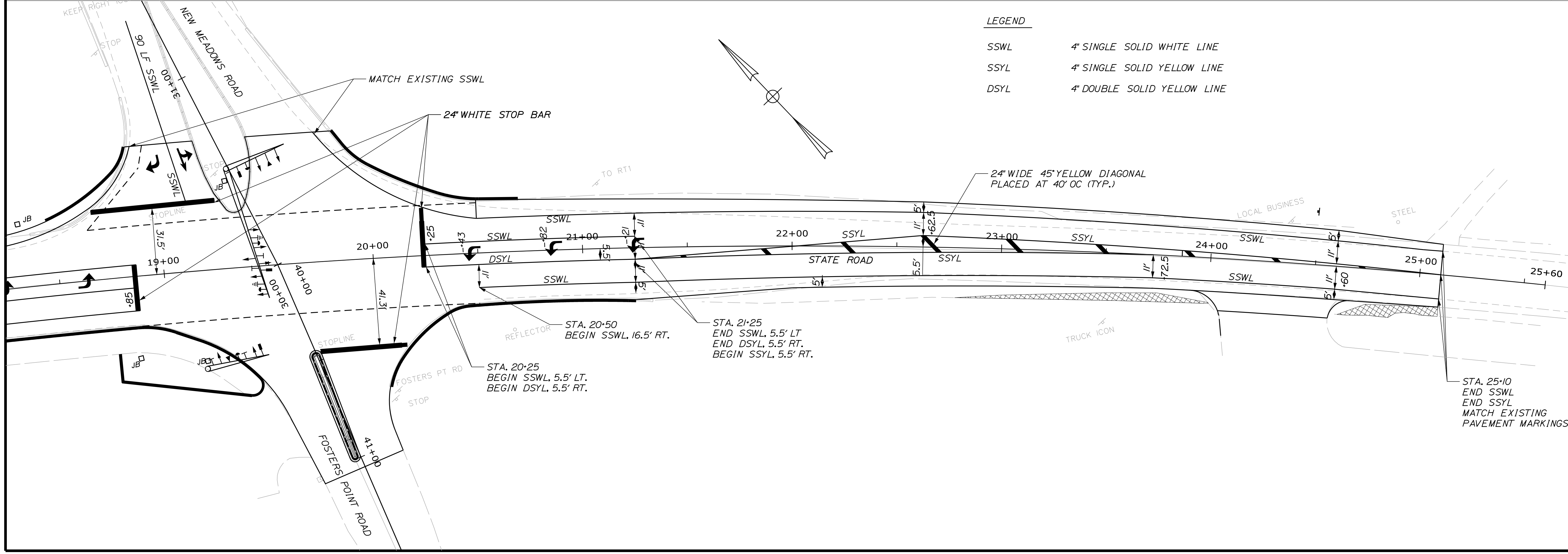
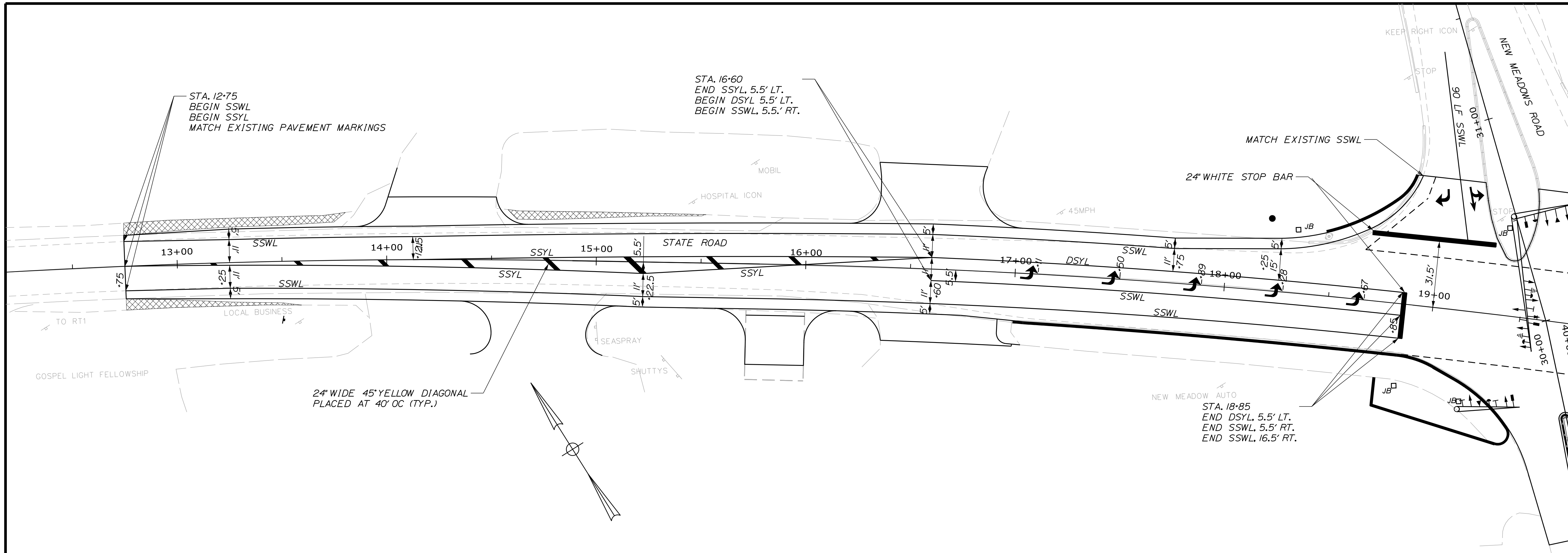
SHEET NUMBER

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OF 39

HIGHWAY PLANS

WIN 23030.00



LEGEND

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

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE: JAMES L. EASON
P.E. NUMBER: 7960
DATE: 10/25/19

PROJ. MGR.	JERRY DOSTE	BY	DATE
DESIGN DETAILED	J.L.E.		10-18
CHECKED/REVIEWED	ALC		10-18
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

WEST BATH
STATE ROAD
STRIPING AND MARKING PLAN

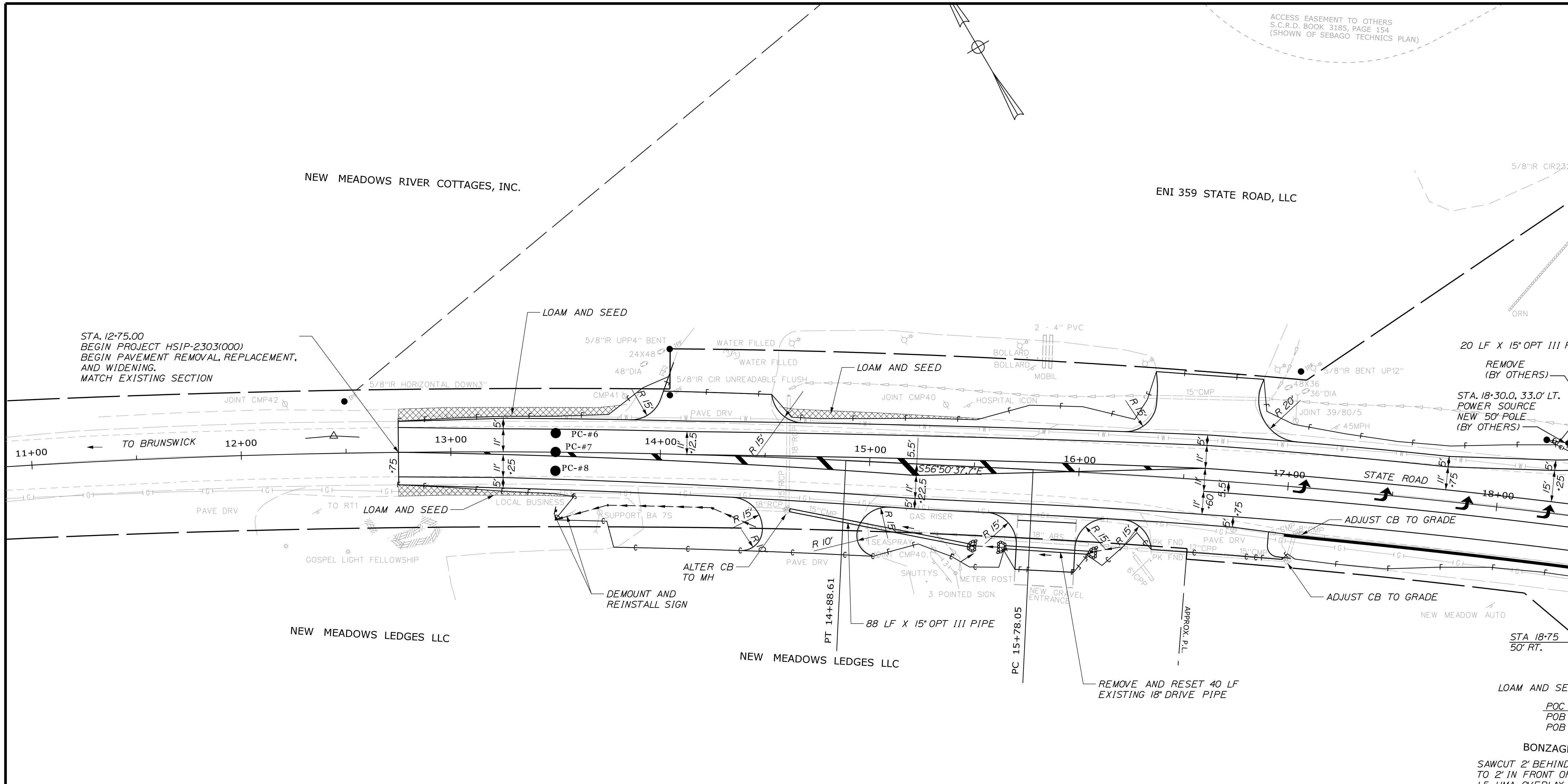
SHEET NUMBER
13
OF 39

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \014_Plon_01.dgn



STA. 12+75.00
 BEGIN PROJECT HSIP-2303(000)
 BEGIN PAVEMENT REMOVAL, REPLACEMENT,
 AND WIDENING.
 MATCH EXISTING SECTION

20 LF X 15" OPT III PI
 REMOVE (BY OTHERS)
 STA. 18+30.0, 33.0' LT.
 POWER SOURCE
 NEW 50' POLE
 (BY OTHERS)

CURVE DATA #1
 PI = 12+44.68
 D = 1°35'05.8"
 Δ = 7°44'38.9" Rt.
 R = 3615.00'
 L = 488.61'
 T = 244.68'
 E = 8.27'

PLAIN RIPRAP - ITEM 610.08	
LOCATION	LENGTH
STA. 15+50 RT.	
STA. 15+66 RT.	
STA. 16+07 RT.	
STA. 18+66 LT.	

ITEM 603.169 - 15" OPTION III PIPE	
LOCATION	LENGTH
STA. 14+62.6, 24.7' RT. TO STA. 15+50.0, 37.5' RT.	88 LF

DRIVEWAYS AND ENTRANCES *		
LOCATION	DESCRIPTION	CURB OPENING
STA. 14+26.5 LT.	52.5' PAVED DRIVE	---
STA. 14+72.9 RT.	45' PAVED DRIVE	---
STA. 15+86.0 RT.	28' GRAVEL DRIVE	---
STA. 16+59.0 LT.	48.5' PAVED DRIVE	---
STA. 16+68.2 RT.	55' PAVED DRIVE	---

ITEM 609.31 CURB TYPE 3, MOLD 2	
LOCATION	LENGTH
STA. 17+00.0, 22.7' RT. TO STA. 19+44.2, 55.0' RT.	333.4
STA. 18+46.2, 30.2' LT. TO STA. 18+86.5, 62.0' LT.	53.5'

ITEM 613.319 EROSION CONTROL BLANKET	
LOCATION	LENGTH
STA. 13+50 RT. TO STA. 14+50 RT.	
STA. 18+32 LT. TO STA. 18+70 LT.	

* REMOVE EXISTING PAVEMENT. REGRADE EXISTING SUBBASE TO DRAIN AND PLACE VARIABLE DEPTH AGGREGATE BASE COURSE GRAVEL. SHIM DEPTHS LESS THAN 2" WITH MATERIAL MEETING GRADATION OF SECTION 703.10. REGRADING WILL BE INCIDENTAL TO ITEM 304.14. REPAVE WITH 3" DEPTH HMA ITEM 403.209. WHERE NEW ENTRANCE RADII ARE OUTSIDE OF EXISTING RADII, BOX CUT AND PLACE 12" AGGREGATE BASE COURSE GRAVEL, TYPE A AND 3" HMA.

ITEM 603.7018 REMOVE AND RELAY 18 IN. HDPE PIPE	
LOCATION	LENGTH
STA. 15+66.3, 37.8' RT. TO STA. 16+06.6, 38.3' RT	40 LF

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS

SIGNATURE
7960

P.E. NUMBER
10/25/19

DATE

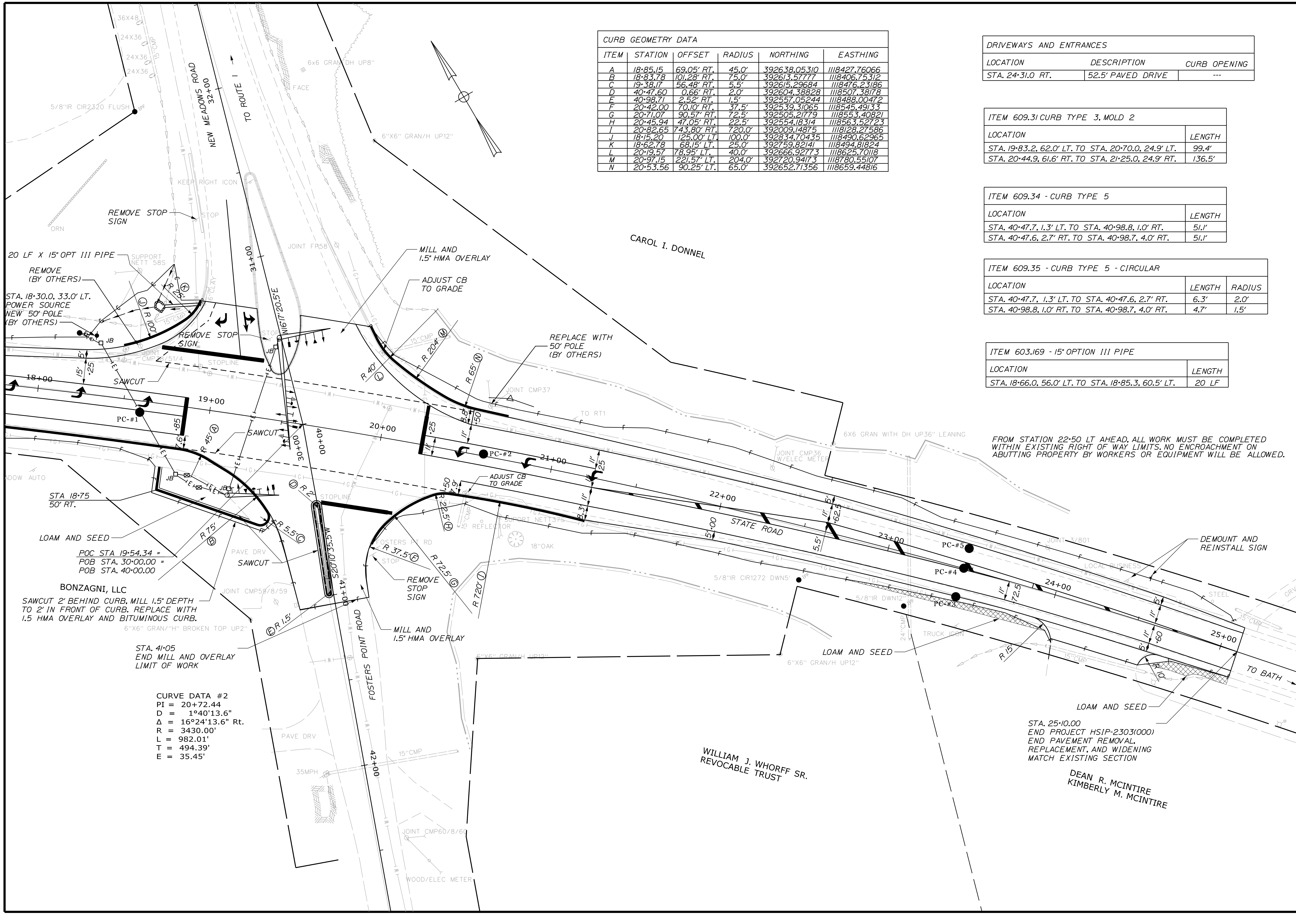
WEST BATH STATE ROAD PLANS

SHEET NUMBER

14

OF 39

Date: 12/18/2019
 Username: common
 Division: HIGHWAY
 Filename: ... \015_Plan_02.dgn



CURB GEOMETRY DATA

ITEM	STATION	OFFSET	RADIUS	NORTHING	EASTING
A	18+85.15	69.05' RT.	45.0'	392638.05310	1118427.76066
B	18+83.78	101.28' RT.	75.0'	392613.57777	1118406.75312
C	19+38.17	56.48' RT.	5.5'	392615.29684	1118476.23186
D	40+47.60	0.66' RT.	2.0'	392604.38828	1118507.38178
E	40+98.71	2.52' RT.	1.5'	392567.05244	1118488.00472
F	20+42.00	70.10' RT.	37.5'	392539.31065	1118545.49133
G	20+71.07	90.57' RT.	72.5'	392505.21779	1118553.40821
H	20+45.94	47.05' RT.	22.5'	392554.18314	1118563.52723
I	20+82.65	743.80' RT.	720.0'	392009.14875	1118128.27586
J	18+15.20	125.00' LT.	100.0'	392834.70435	1118490.62965
K	18+62.78	68.15' LT.	25.0'	392759.82141	1118494.81824
L	20+19.57	78.95' LT.	40.0'	392666.92773	1118625.70118
M	20+97.15	221.57' LT.	204.0'	392720.94173	1118780.55107
N	20+53.56	90.25' LT.	65.0'	392652.71356	1118659.44816

DRIVEWAYS AND ENTRANCES

LOCATION	DESCRIPTION	CURB OPENING
STA. 24+31.0 RT.	52.5' PAVED DRIVE	---

ITEM 609.31 CURB TYPE 3, MOLD 2

LOCATION	LENGTH
STA. 19+83.2, 62.0' LT. TO STA. 20+70.0, 24.9' LT.	99.4'
STA. 20+44.9, 61.6' RT. TO STA. 21+25.0, 24.9' RT.	136.5'

ITEM 609.34 - CURB TYPE 5

LOCATION	LENGTH
STA. 40+47.7, 1.3' LT. TO STA. 40+98.8, 1.0' RT.	51.1'
STA. 40+47.6, 2.7' RT. TO STA. 40+98.7, 4.0' RT.	51.1'

ITEM 609.35 - CURB TYPE 5 - CIRCULAR

LOCATION	LENGTH	RADIUS
STA. 40+47.7, 1.3' LT. TO STA. 40+47.6, 2.7' RT.	6.3'	2.0'
STA. 40+98.8, 1.0' RT. TO STA. 40+98.7, 4.0' RT.	4.7'	1.5'

ITEM 603.169 - 15' OPTION III PIPE

LOCATION	LENGTH
STA. 18+66.0, 56.0' LT. TO STA. 18+85.3, 60.5' LT.	20 LF

FROM STATION 22+50 LT AHEAD, ALL WORK MUST BE COMPLETED WITHIN EXISTING RIGHT OF WAY LIMITS. NO ENCROACHMENT ON ADJUTING PROPERTY BY WORKERS OR EQUIPMENT WILL BE ALLOWED.

CURVE DATA #2

PI = 20+72.44
D = 1°40'13.6"
Δ = 16°24'13.6" Rt.
R = 3430.00'
L = 982.01'
T = 494.39'
E = 35.45'

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 HSIP-2303(000)
 WIN 23030.00
 HIGHWAY PLANS

STATE OF MAINE
 JAMES L. BAKER
 ENGINEER
 No. 7980
 PROFESSIONAL SEAL

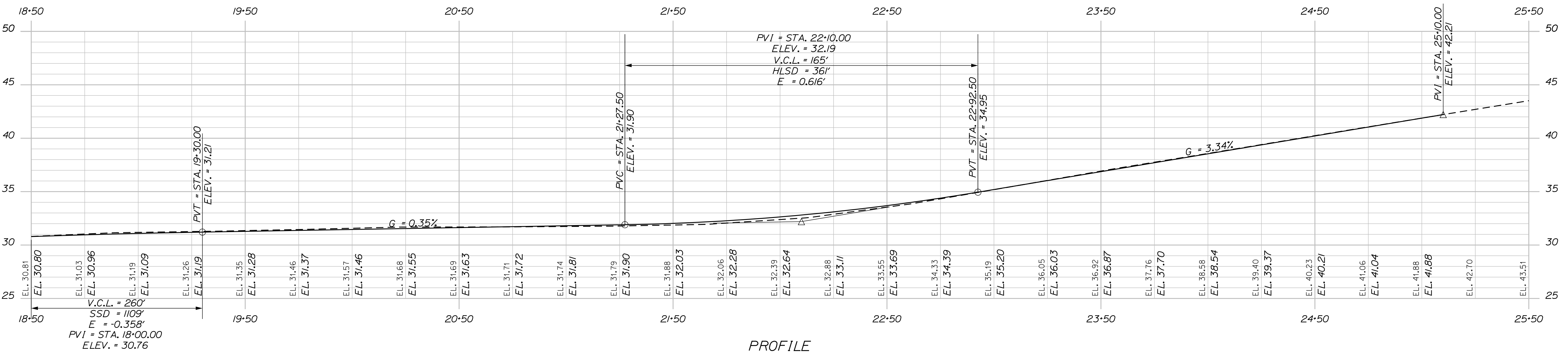
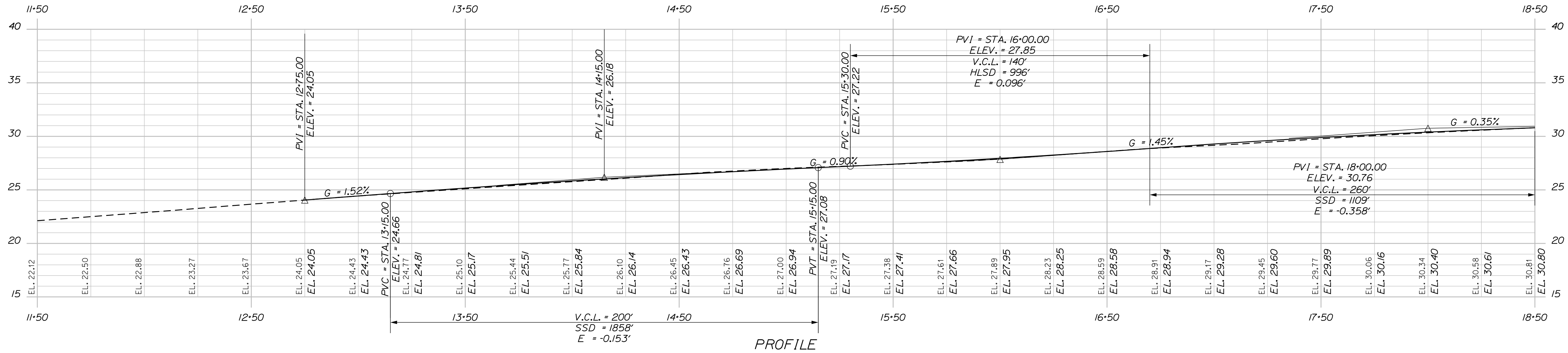
PROJ. MGR.	DATE	BY	DATE
JERRY DOSTIE	10/18	JLE	10/18

DESIGN-DETAILED: JLE
 CHECKED-REVIEWED: ALC
 DESIGN-DETAILED: JLE
 DESIGN-DETAILED: JLE
 REVISIONS: 1
 REVISIONS: 2
 REVISIONS: 3
 REVISIONS: 4
 FIELD CHANGES

SIGNATURE: JERRY DOSTIE
 P.E. NUMBER: 7960
 DATE: 10/25/19

WEST BATH STATE ROAD
 PLANS

SHEET NUMBER
15
 OF 39



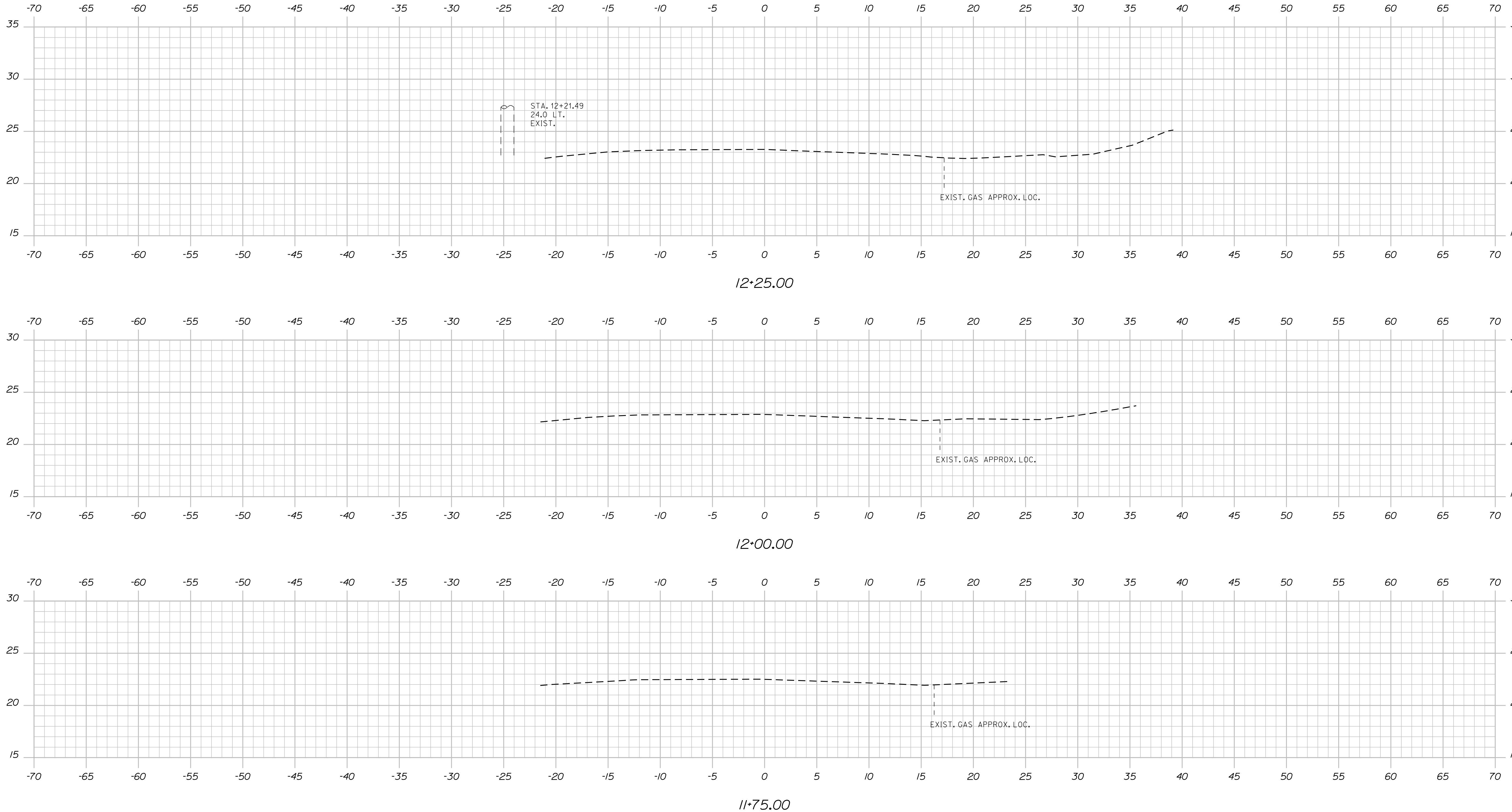
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		HSIP-2303(000)	
		WIN 23030.00 HIGHWAY PLANS	
SIGNATURE	DATE	P.E. NUMBER	DATE
7960	10/25/19	7960	10/25/19
PROJ. MANAGER	JERRY DOSTE	CHECKED-REVIEWED	ALC
DESIGN-DETAILED	JLE	DESIGN-REVIEWED	ALC
DESIGN-DETAILED		DESIGN-REVIEWED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES			
WEST BATH STATE ROAD PROFILE			
SHEET NUMBER			
16			
OF 39			

Date: 12/18/2019

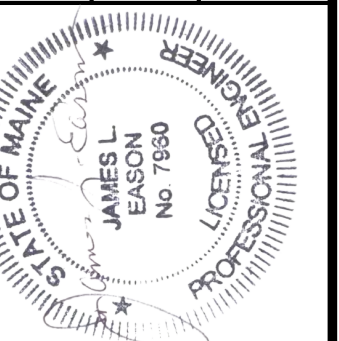
Username: common

Division: HIGHWAY

Filename: ... \017_XSECT_11+75_001.dgn



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 HSIP-2303(000)
 WIN
 23030.00
 HIGHWAY PLANS



SIGNATURE
 7960
 P.E. NUMBER
 10/25/19
 DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
 STATE ROAD
 CROSS SECTIONS

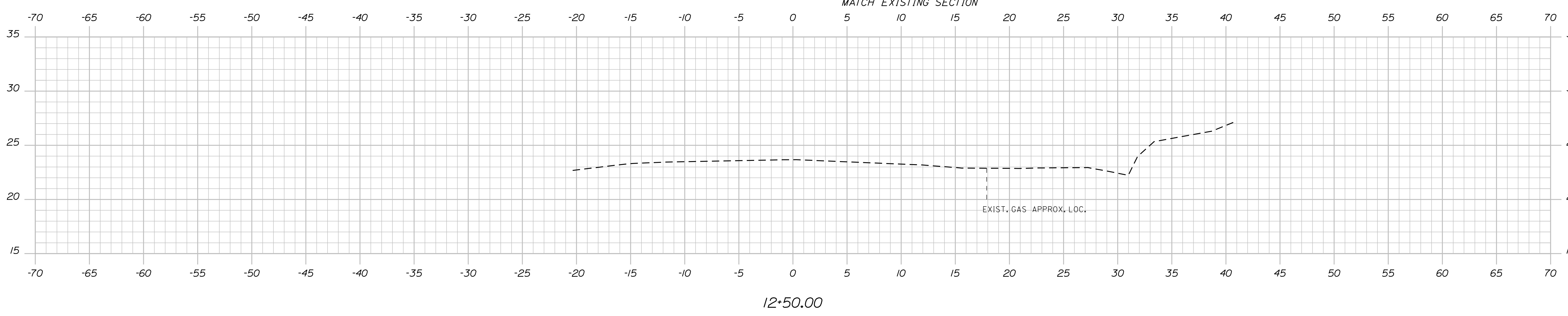
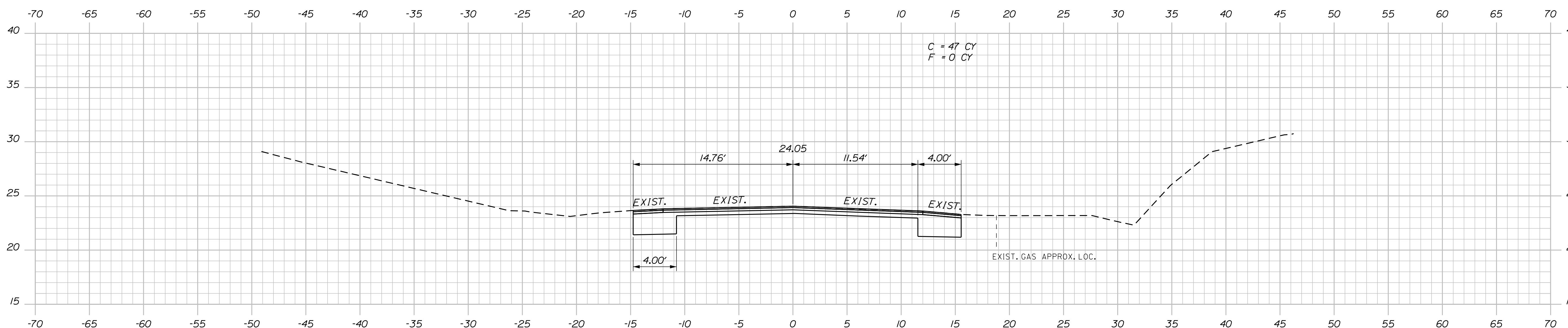
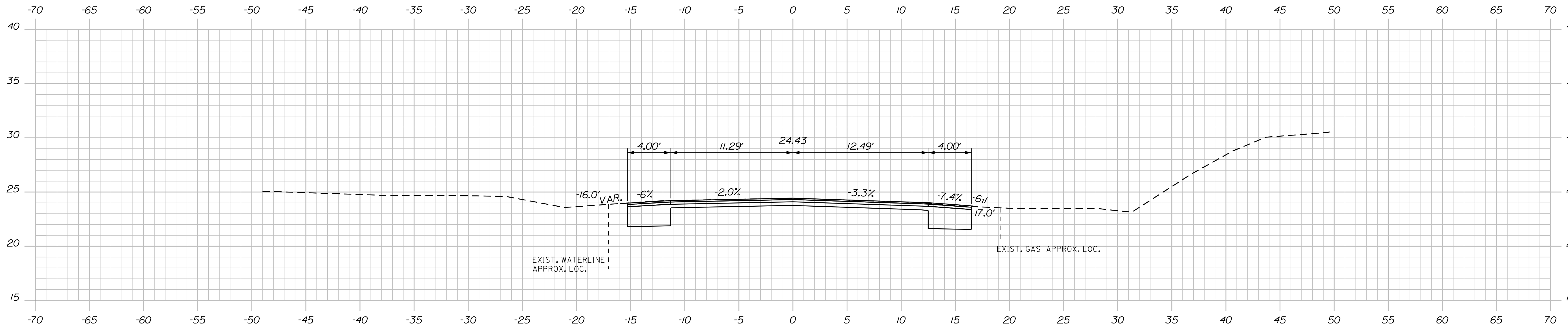
SHEET NUMBER
 17
 OF 39

Date: 12/18/2019

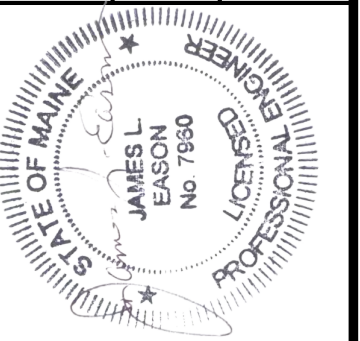
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Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
CHECKED/REVIEWED	JLE	JLE	10/18
DESIGNED/TAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

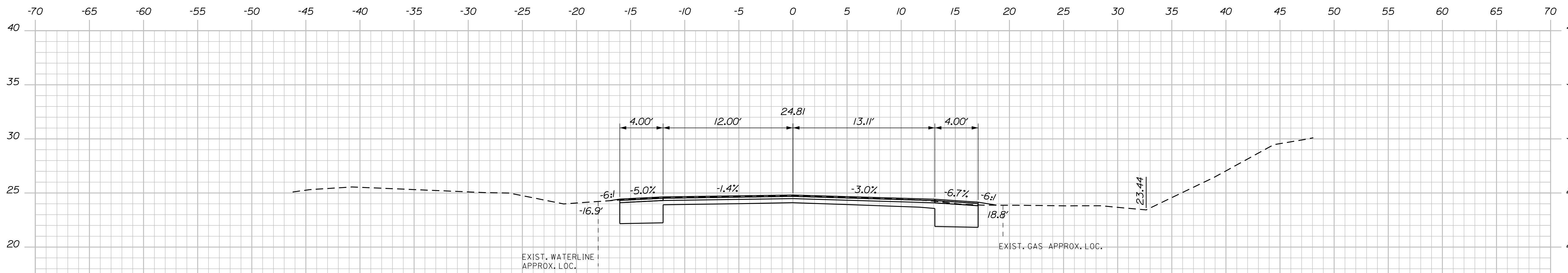
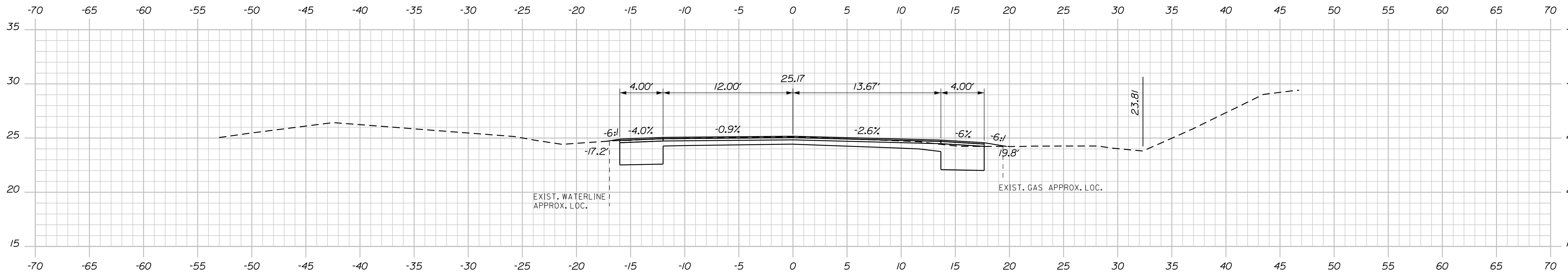
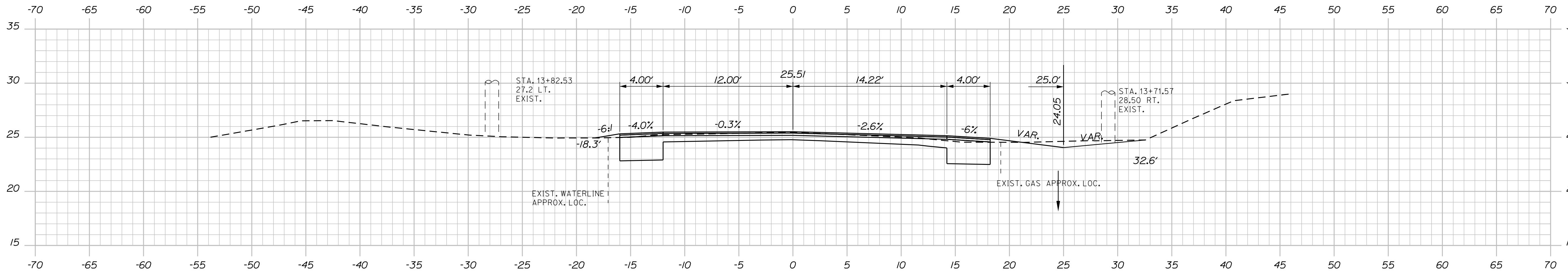
SHEET NUMBER
18
OF 39

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \019_XSECT_13+25_003.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGNED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGNED-REVIEWED			
DESIGNED-REVIEWED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

19

OF 39

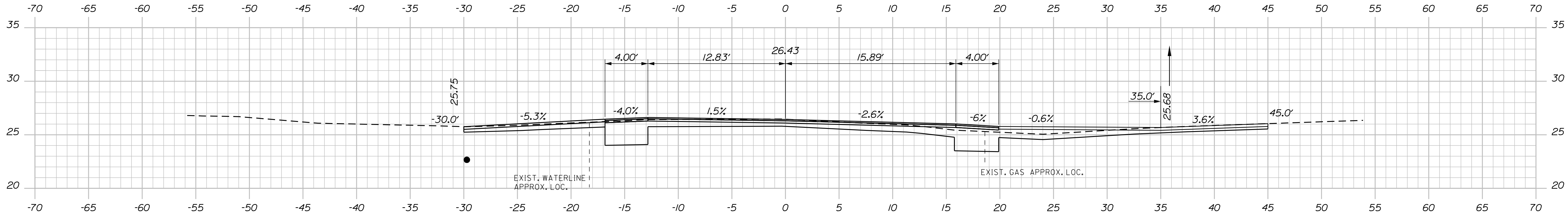
WIN
23030.00
HIGHWAY PLANS

Date: 12/18/2019

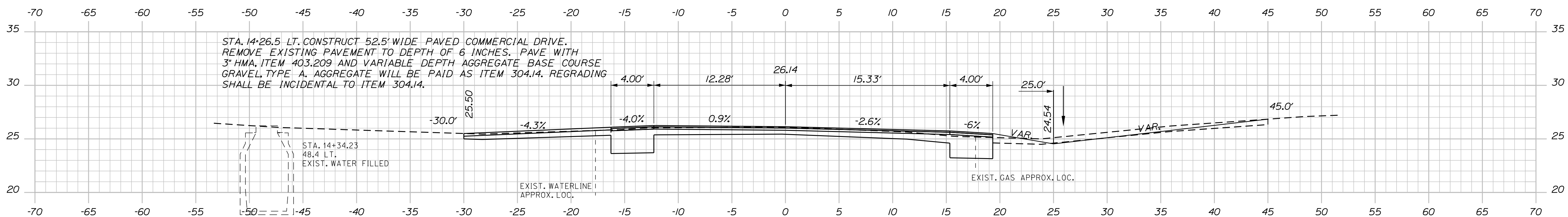
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Division: HIGHWAY

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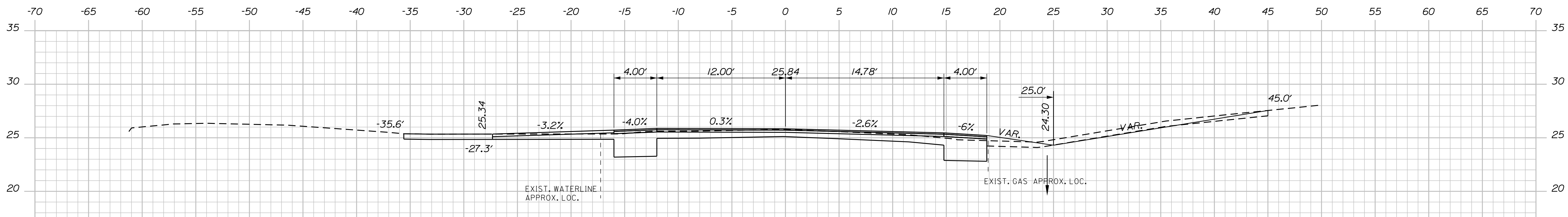


14+50.00
 C = 77 CY
 F = 1 CY

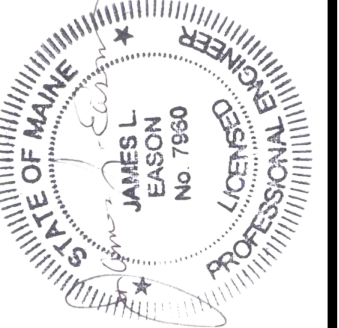


STA. 14+26.5 LT. CONSTRUCT 52.5' WIDE PAVED COMMERCIAL DRIVE. REMOVE EXISTING PAVEMENT TO DEPTH OF 6 INCHES. PAVE WITH 3" HMA, ITEM 403.209 AND VARIABLE DEPTH AGGREGATE BASE COURSE GRAVEL, TYPE A. AGGREGATE WILL BE PAID AS ITEM 304.14. REGRADING SHALL BE INCIDENTAL TO ITEM 304.14.

14+25.00
 C = 79 CY
 F = 7 CY



14+00.00
 C = 62 CY
 F = 5 CY



SIGNATURE
 7960
 P.E. NUMBER
 10/25/19
 DATE

PROJ. MANAGER	JERRY DOSTE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
 STATE ROAD
 CROSS SECTIONS

SHEET NUMBER

20

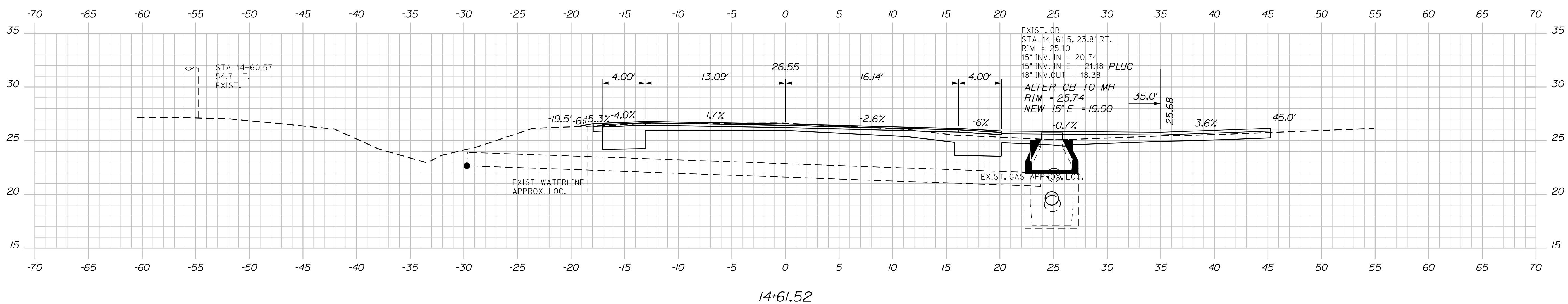
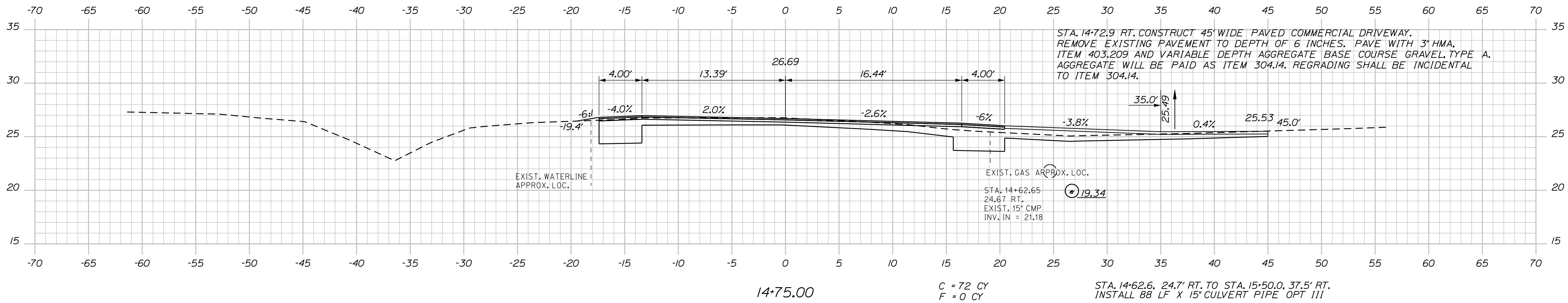
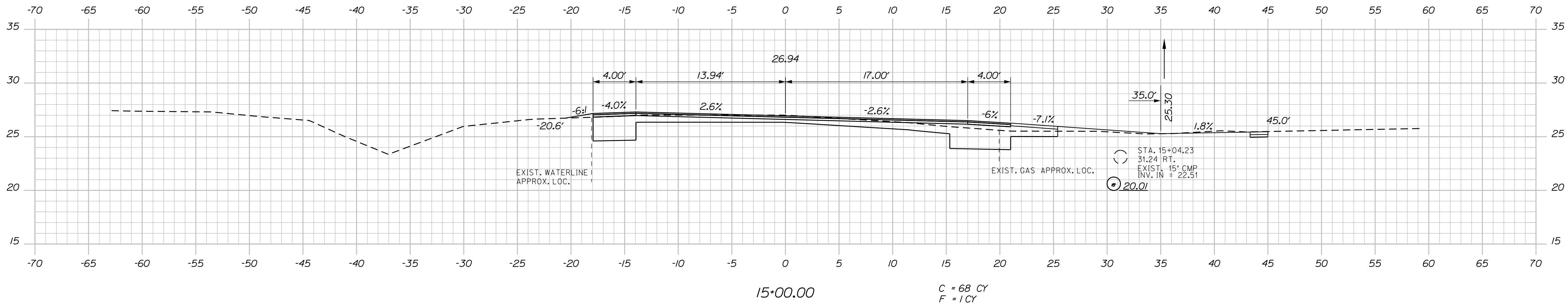
OF 39

Date: 12/18/2019

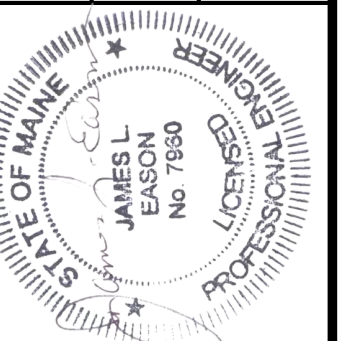
Username: common

Division: HIGHWAY

Filename: ... \021_XSECT_14+61.005.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

21

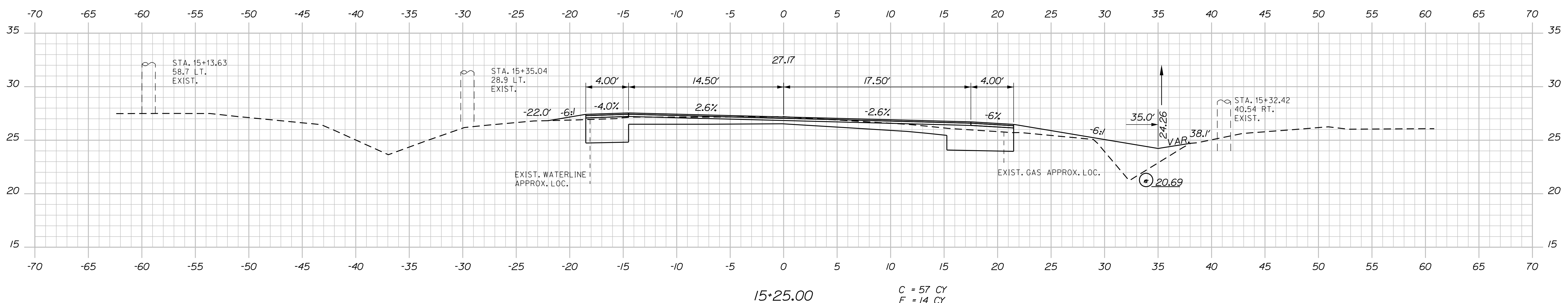
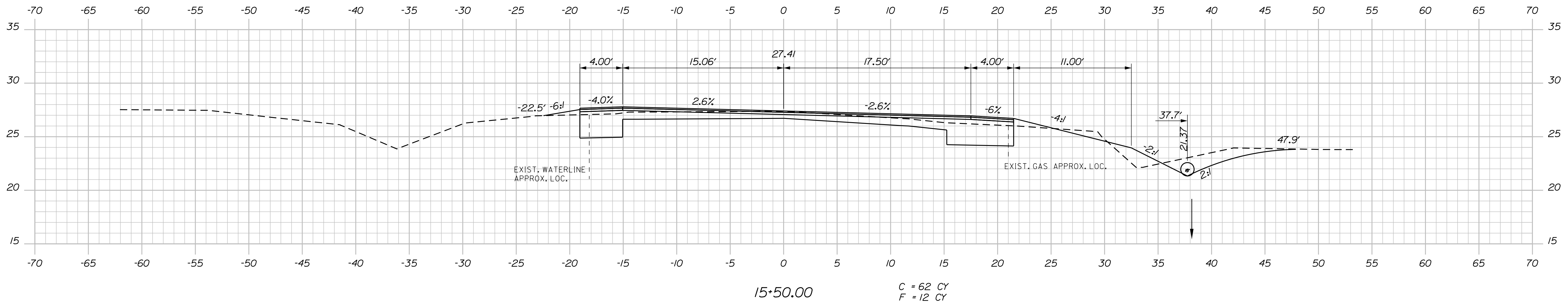
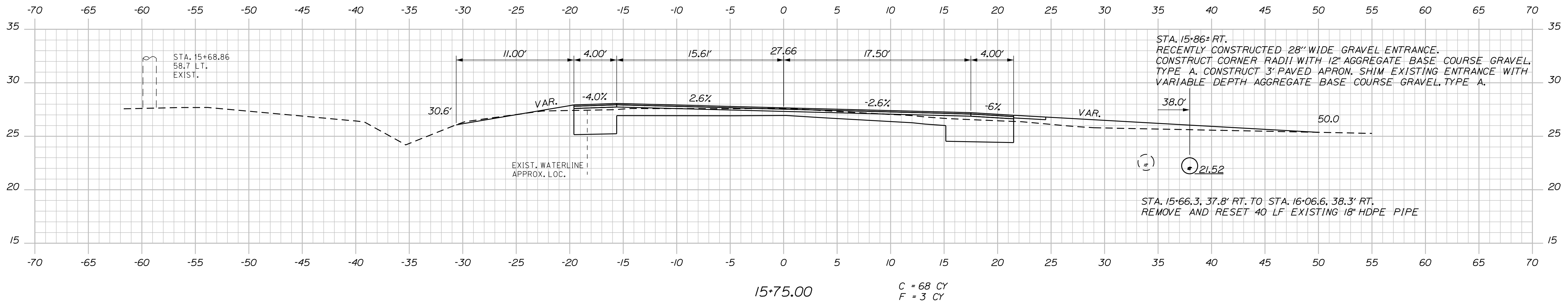
OF 39

Date: 12/18/2019

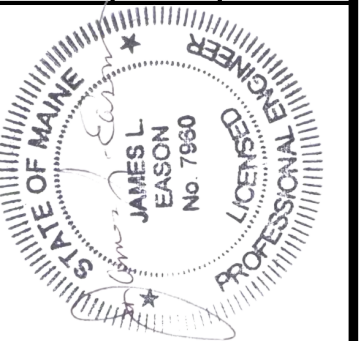
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Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

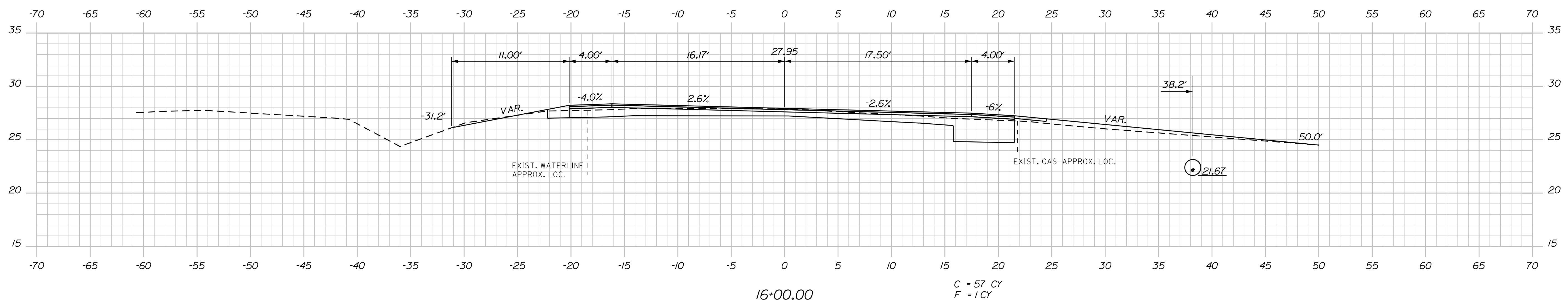
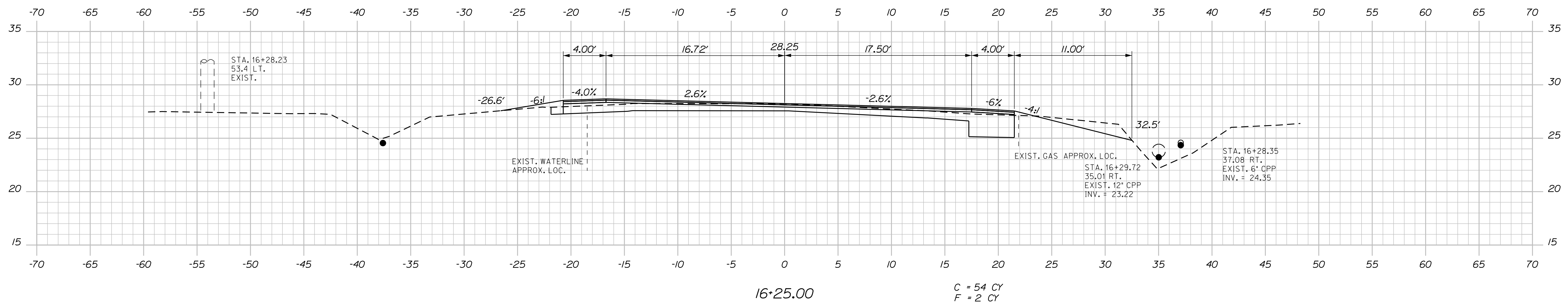
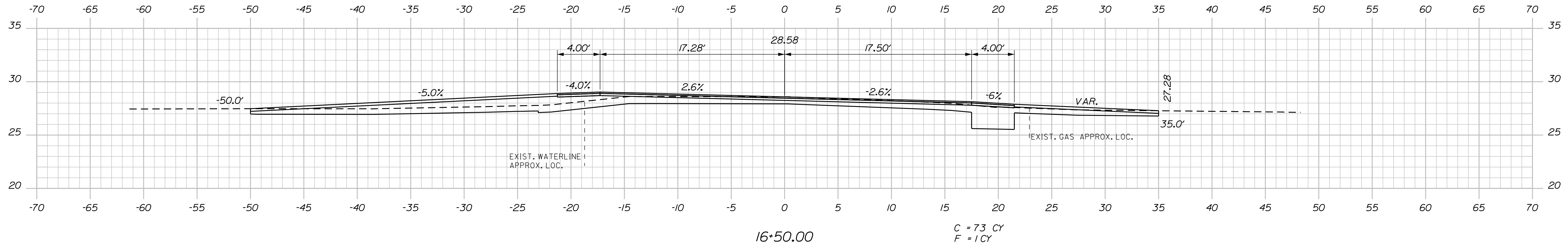
PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

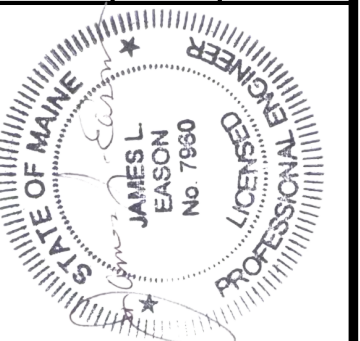
SHEET NUMBER
22
OF 39

WIN
23030.00
HIGHWAY PLANS

STA. 16+59.0 LT. CONSTRUCT 48.5' WIDE PAVED COMMERCIAL DRIVE.
 REMOVE EXISTING PAVEMENT TO DEPTH OF 6 INCHES. PAVE WITH 3" HMA, ITEM 403.209 AND
 VARIABLE DEPTH AGGREGATE BASE COURSE GRAVEL, TYPE A. AGGREGATE WILL
 BE PAID AS ITEM 304.14. REGRADING SHALL BE INCIDENTAL TO ITEM 304.14.



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 HSIP-2303(000)
 WIN
 23030.00
 HIGHWAY PLANS



SIGNATURE
 7960
 P.E. NUMBER
 10/25/19
 DATE

PROJ. MANAGER	JERRY DOSTIE	DATE
DESIGN-DETAILED	JLE	10-18
CHECKED-REVIEWED	ALC	10-18
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
 STATE ROAD
 CROSS SECTIONS

SHEET NUMBER
23
 OF 39

Date: 12/18/2019

Username: common

Division: HIGHWAY

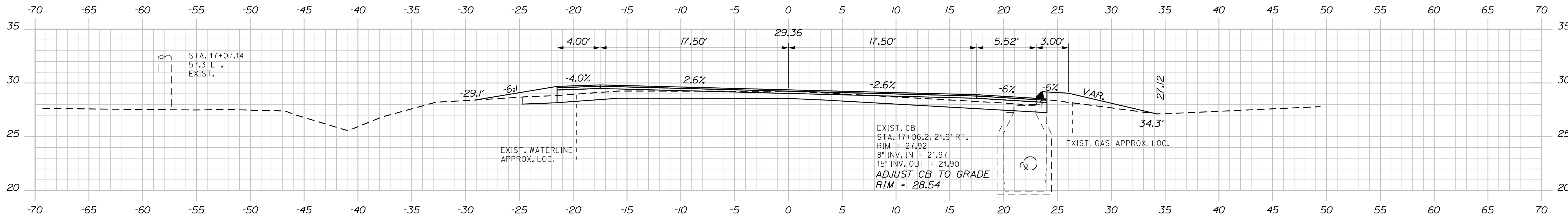
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Date: 12/18/2019

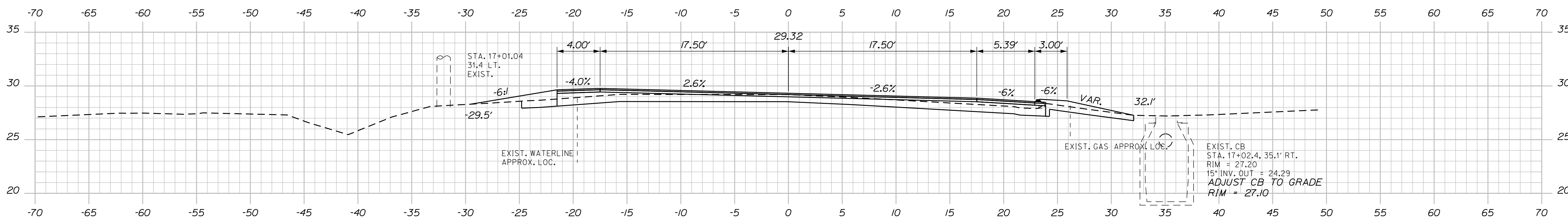
Username: common

Division: HIGHWAY

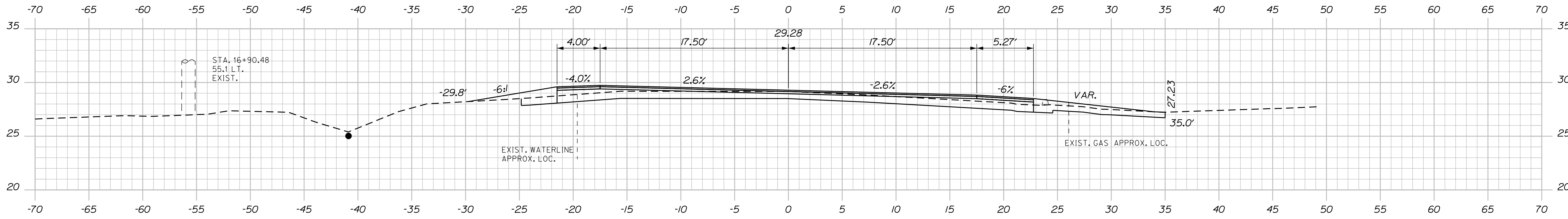
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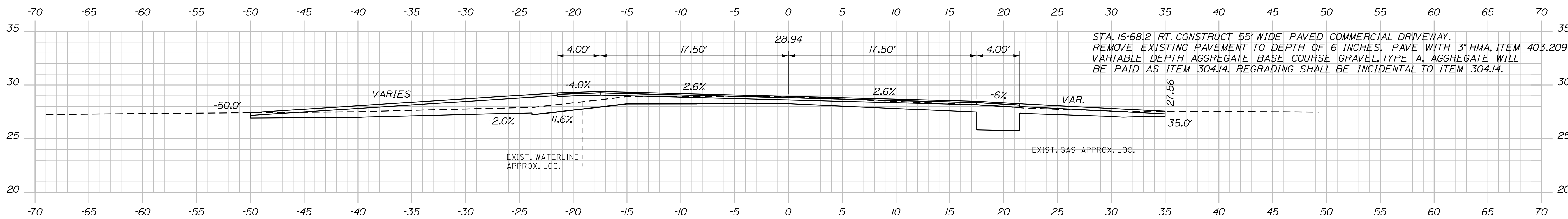
17+06.15



17+02.44



17+00.00



16+75.00

STA. 16+68.2 RT. CONSTRUCT 55' WIDE PAVED COMMERCIAL DRIVEWAY. REMOVE EXISTING PAVEMENT TO DEPTH OF 6 INCHES. PAVE WITH 3" HMA, ITEM 403.209 AND VARIABLE DEPTH AGGREGATE BASE COURSE GRAVEL, TYPE A. AGGREGATE WILL BE PAID AS ITEM 304.14. REGRADING SHALL BE INCIDENTAL TO ITEM 304.14.

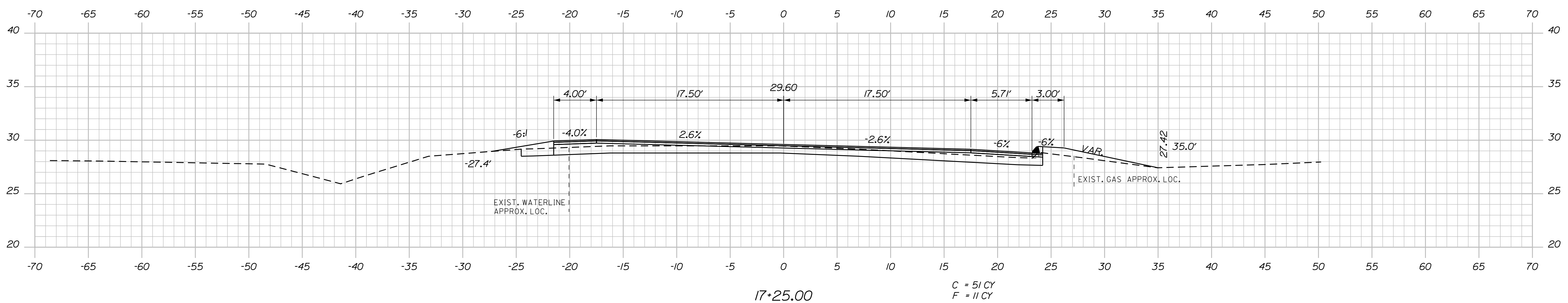
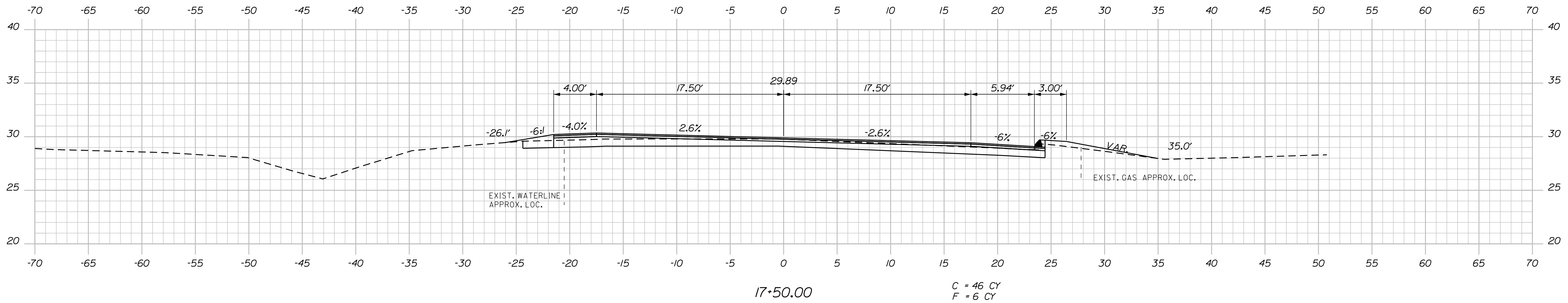
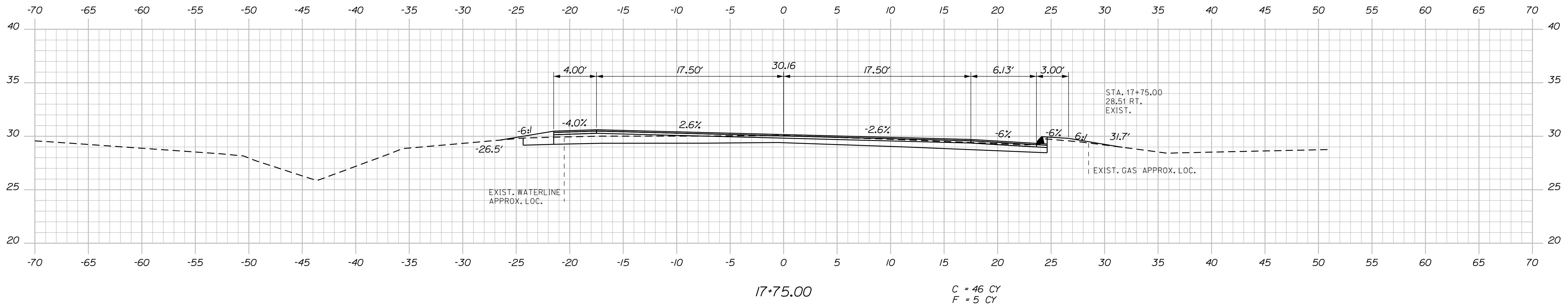
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		HSIP-2303(000)		WIN 23030.00		HIGHWAY PLANS					
		SIGNATURE		P.E. NUMBER		DATE					
		7960		10/25/19							
PROJ. MANAGER	JERRY DOSTIE	BY	JLE	DATE	10/18						
DESIGN-DETAILED	JLE	CHECKED-REVIEWED	ALC	DATE	10/18						
DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES							
WEST BATH STATE ROAD				CROSS SECTIONS				SHEET NUMBER			
								24		OF 39	
								Sta. 16+75.00 to Sta. 17+06.15			

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \025_XSECT_17+25_009.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN/DETAILED	JLE	JLE	10-18
CHECKED/REVIEWED	ALC		10-18
DESIGN/DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
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FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

25

OF 39

HIGHWAY PLANS

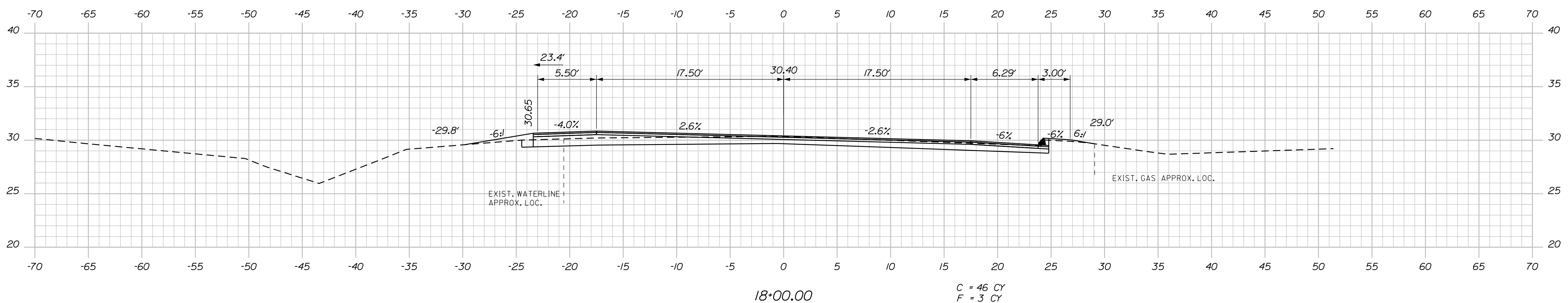
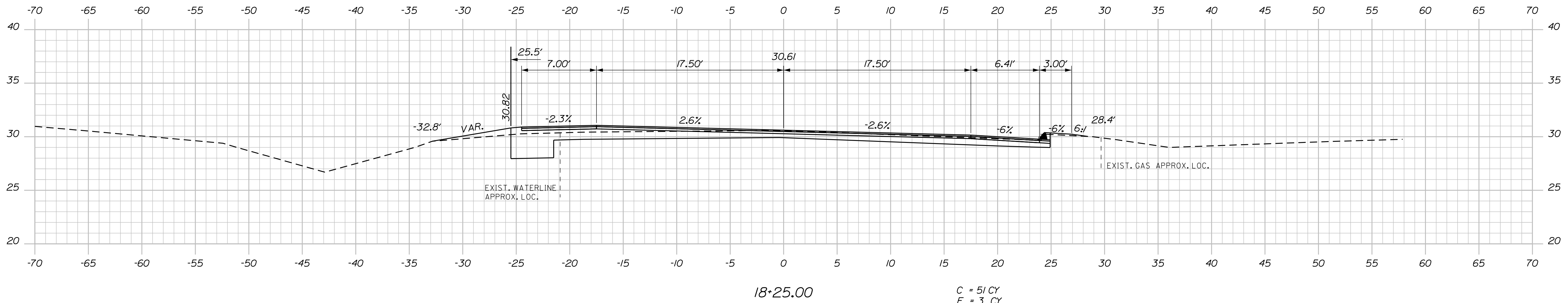
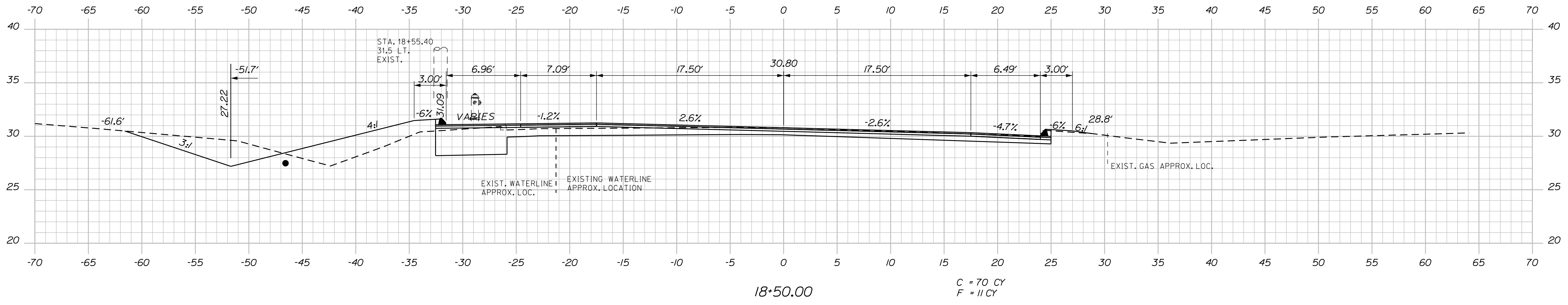
WIN
23030.00

Date: 12/18/2019

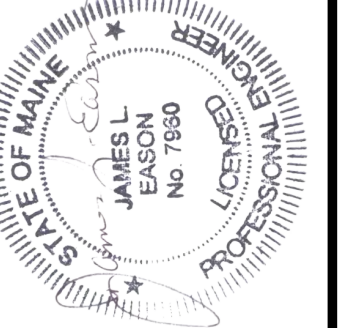
Username: common

Division: HIGHWAY

Filename: ... \026_XSECT_18+00_010.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

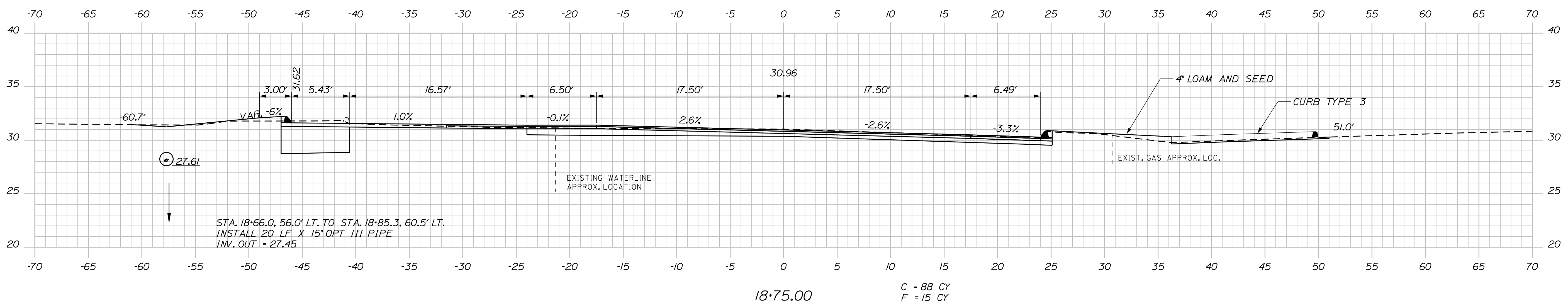
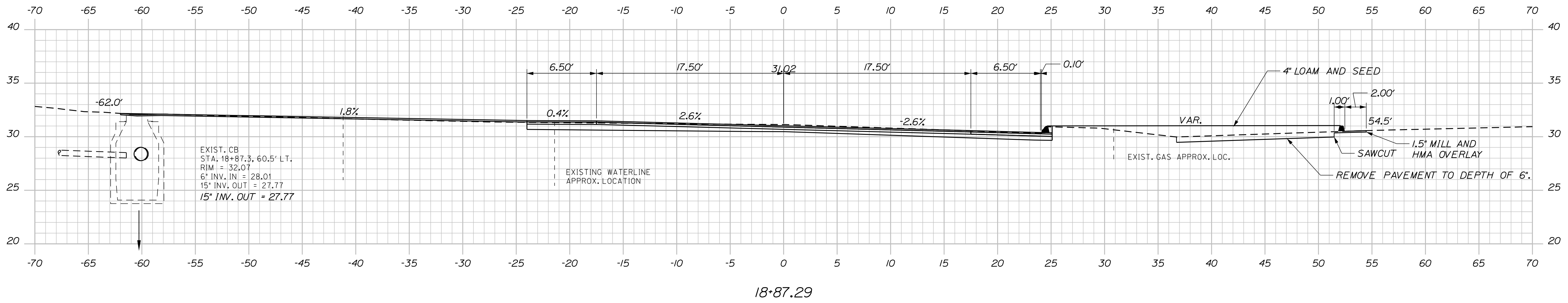
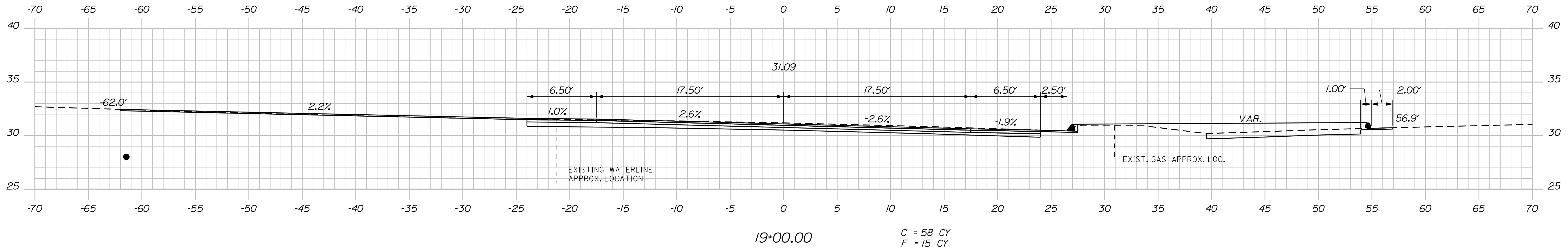
SHEET NUMBER
26
OF 39

Date: 12/18/2019

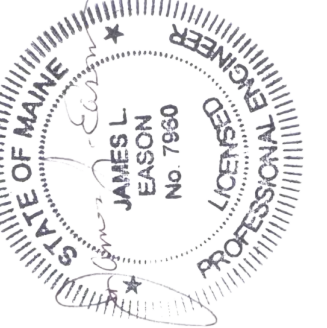
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Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	DATE
DESIGN-DETAILED	JLE	10-18
CHECKED-REVIEWED	ALC	10-18
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
STATE ROAD
CROSS SECTIONS

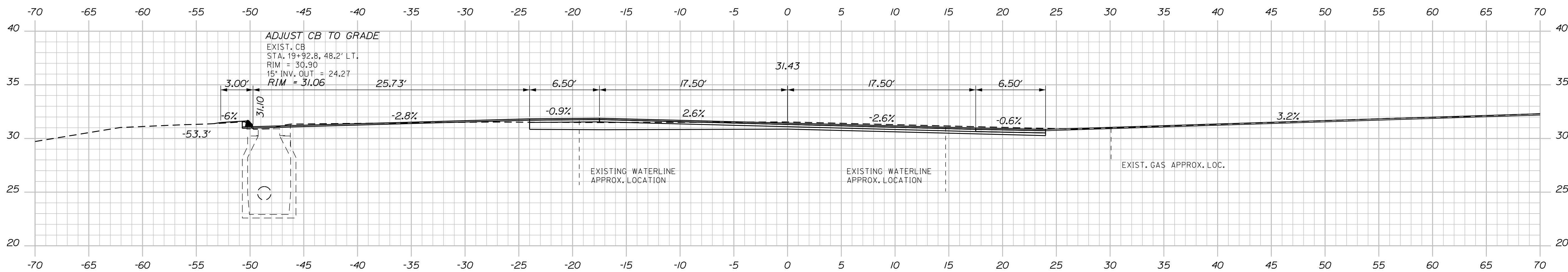
SHEET NUMBER
27
OF 39

Date: 12/18/2019

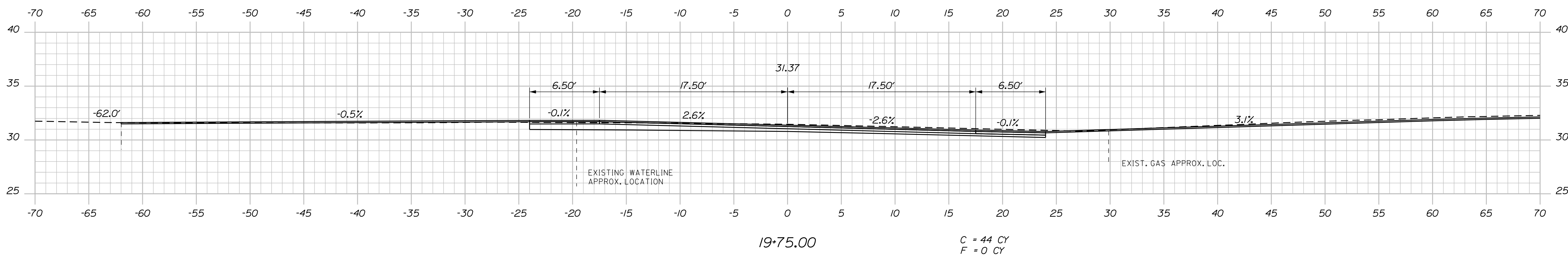
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Division: HIGHWAY

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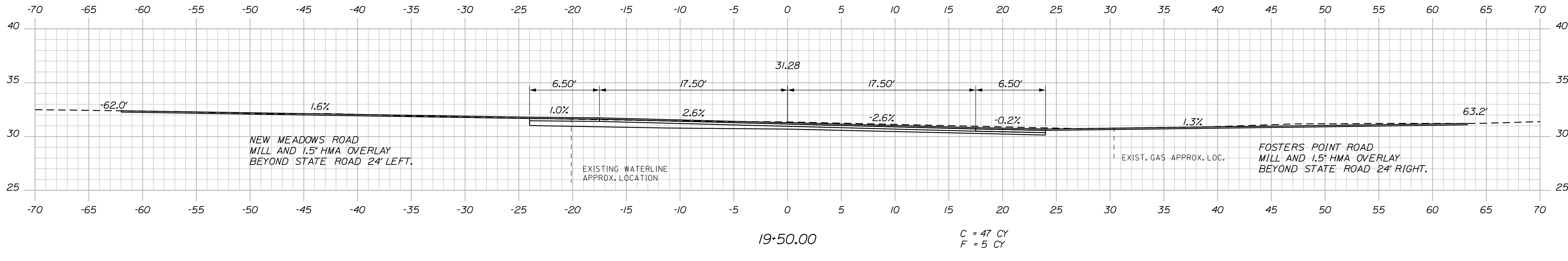


19+92.75



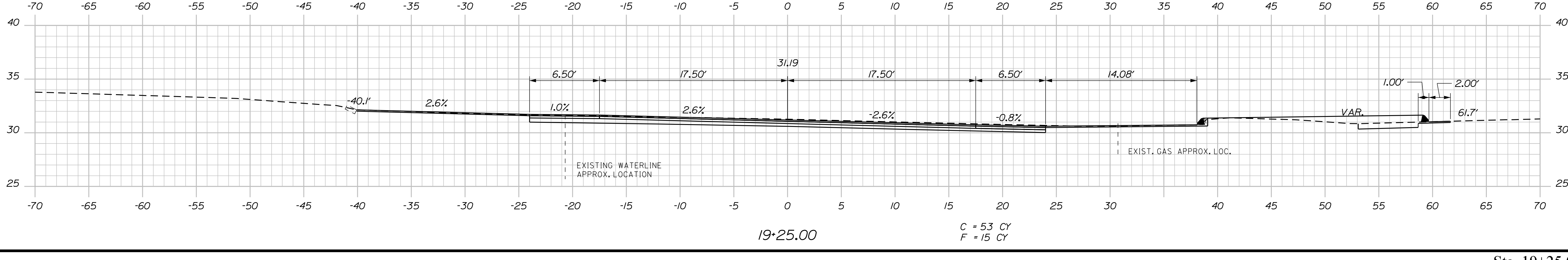
19+75.00

C = 44 CY
F = 0 CY



19+50.00

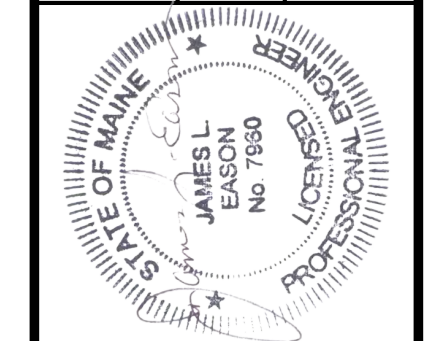
C = 47 CY
F = 5 CY



19+25.00

C = 53 CY
F = 15 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	DATE
DESIGNED	JLE	10-18
CHECKED	ALC	10-18
DESIGNED		
DESIGNED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
STATE ROAD
CROSS SECTIONS

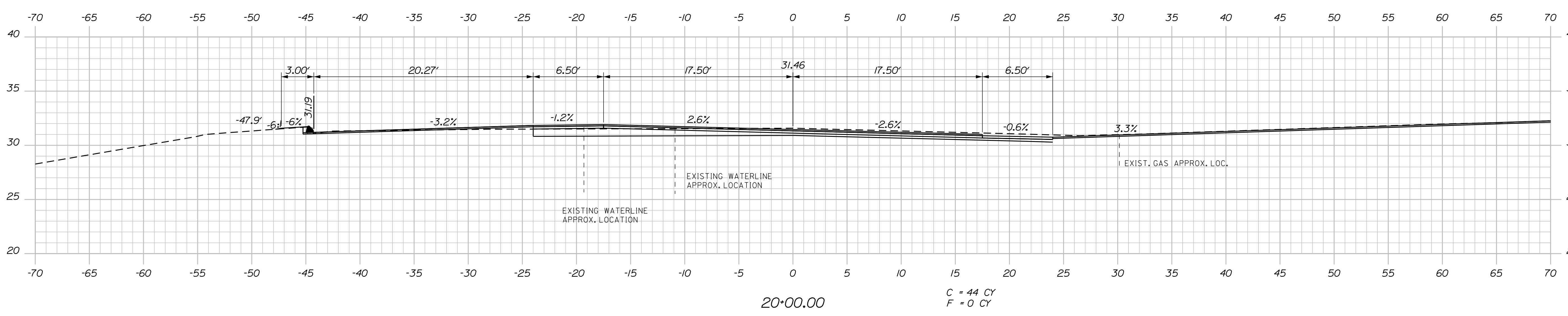
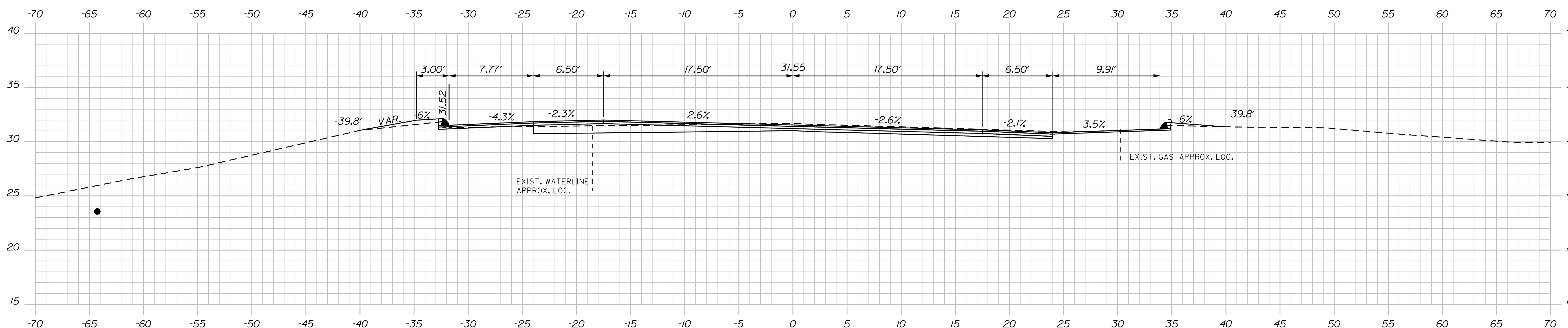
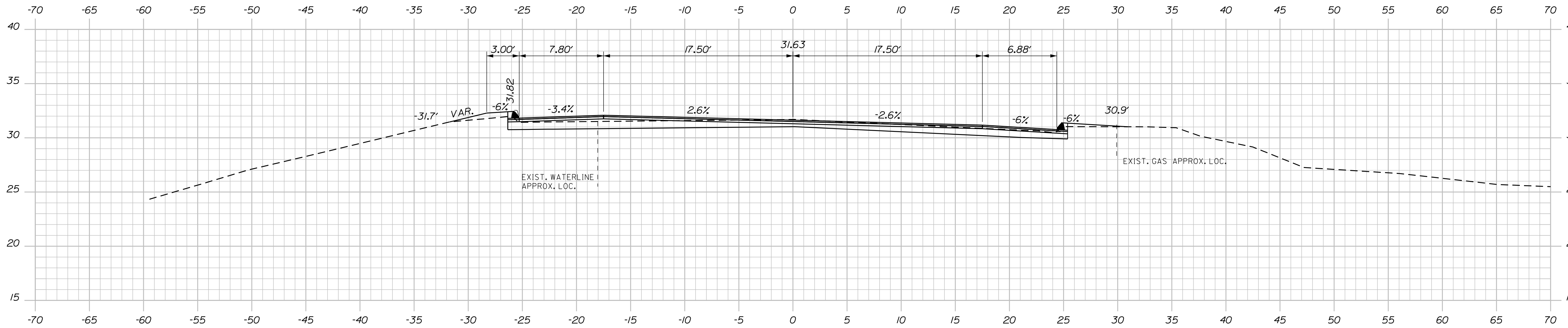
SHEET NUMBER
28
OF 39

Date: 12/18/2019

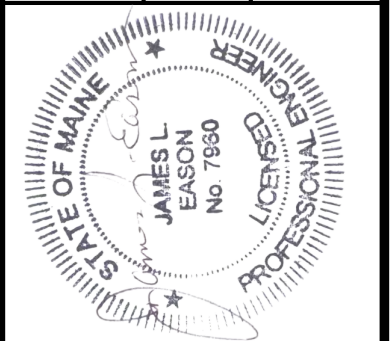
Username: common

Division: HIGHWAY

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGNED	JLE	JLE	10-18
CHECKED	REVIEWED	ALC	10-18
DESIGNED	REVIEWED	ALC	
DESIGNED	REVIEWED	ALC	
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

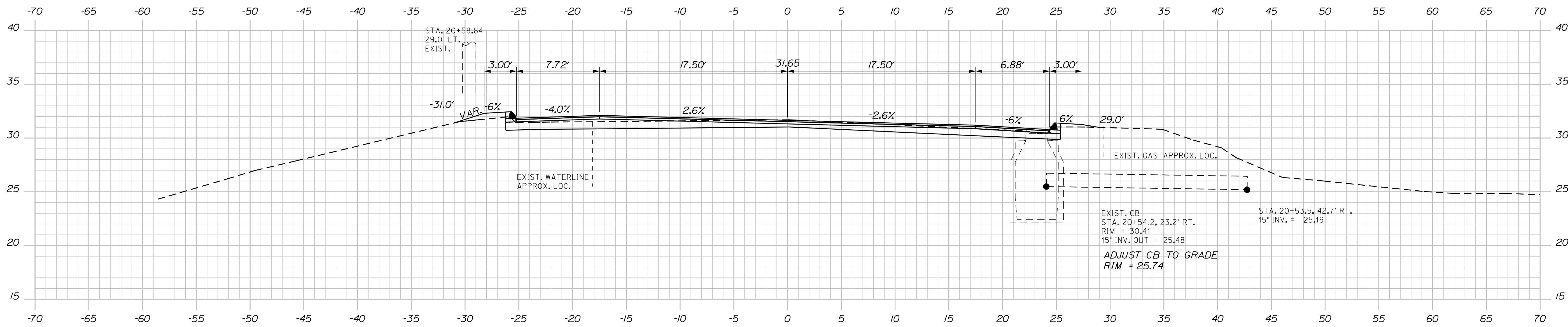
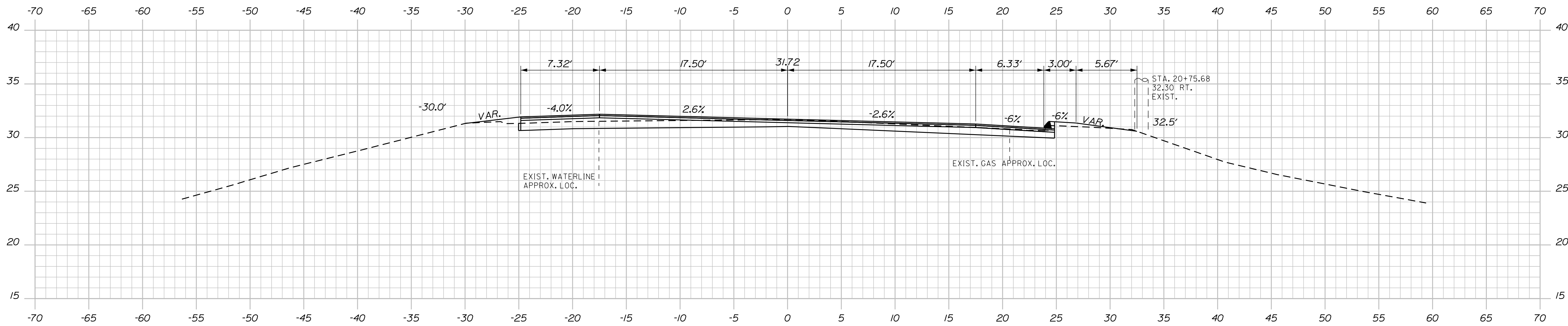
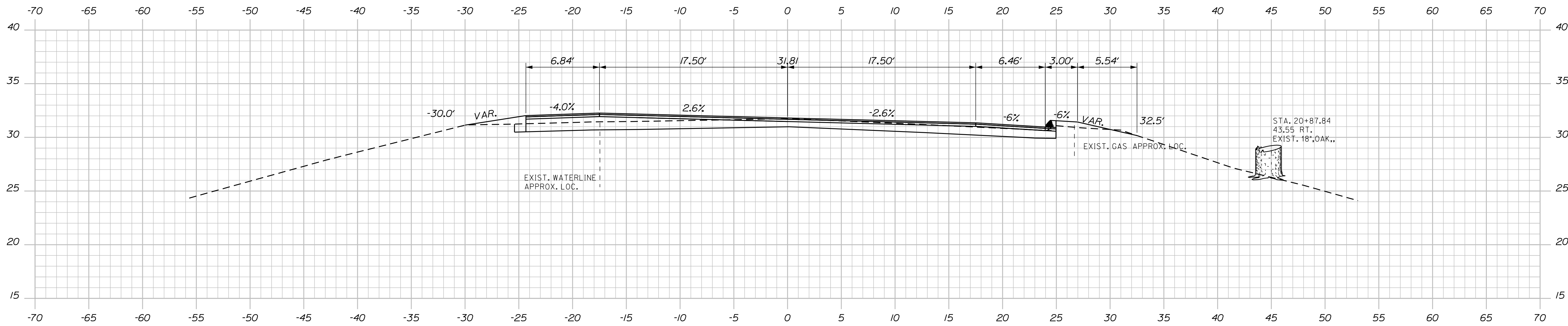
SHEET NUMBER
29
OF 39

Date: 12/18/2019

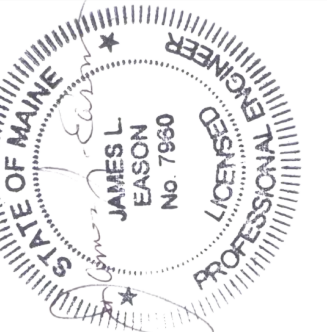
Username: common

Division: HIGHWAY

Filename: ... \030_XSECT_20+54_014.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	DATE
DESIGN DETAILED	JLE	10-18
CHECKED-REVIEWED	ALC	10-18
DESIGN DETAILED		
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

30

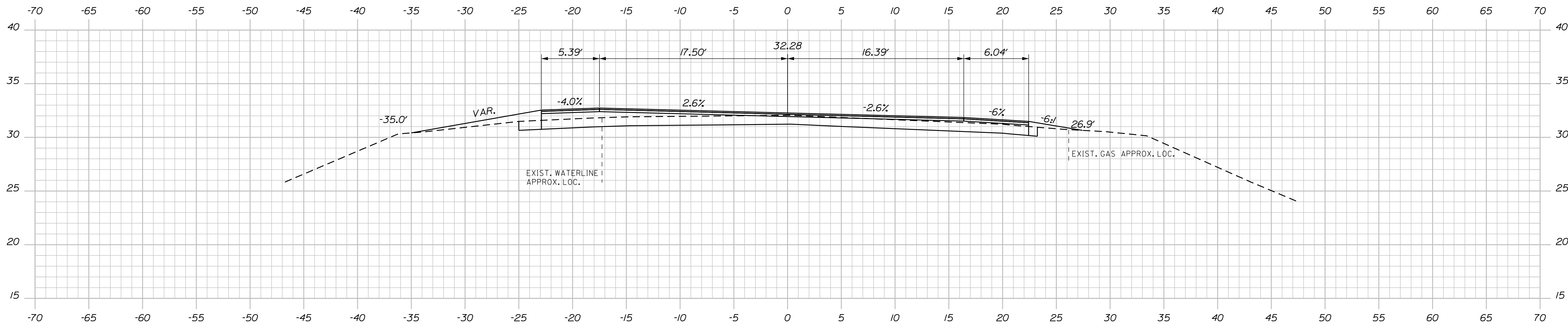
OF 39

Date: 12/18/2019

Username: common

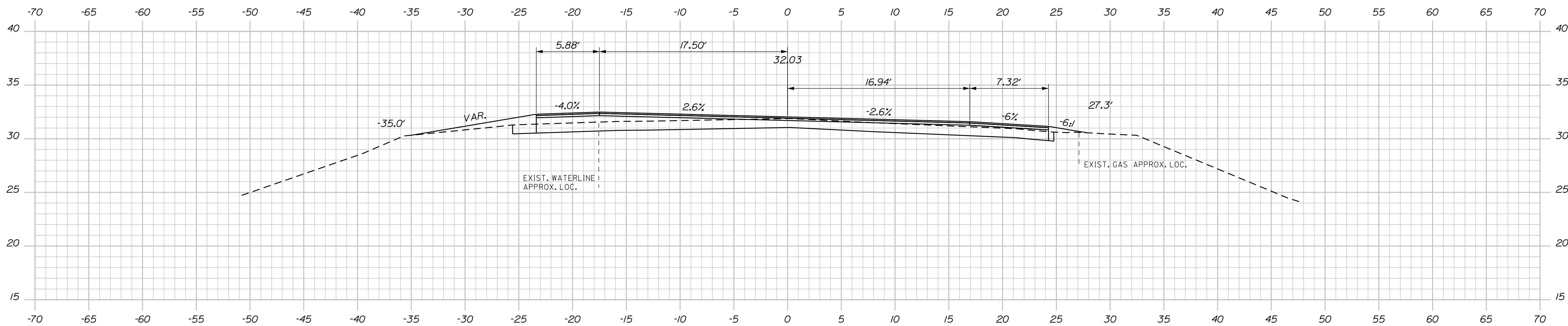
Division: HIGHWAY

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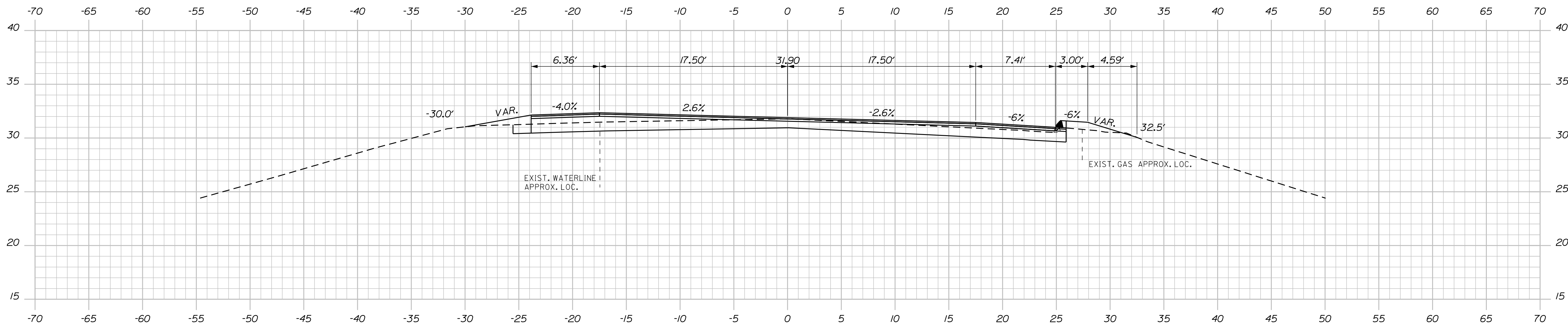
21+75.00

C = 58 CY
F = 8 CY



21+50.00

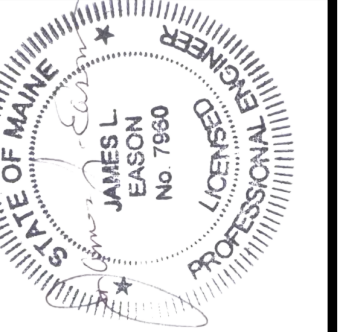
C = 60 CY
F = 7 CY



21+25.00

C = 50 CY
F = 4 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

31

OF 39

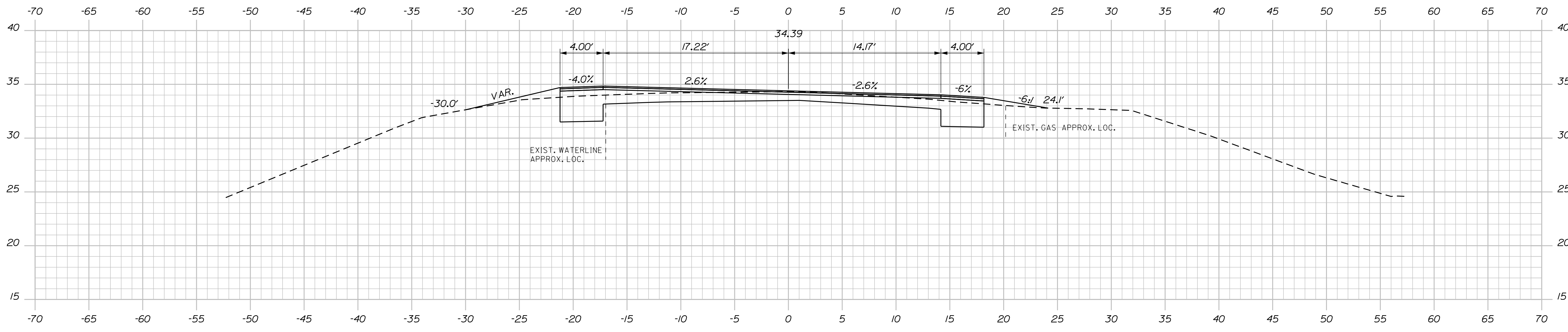
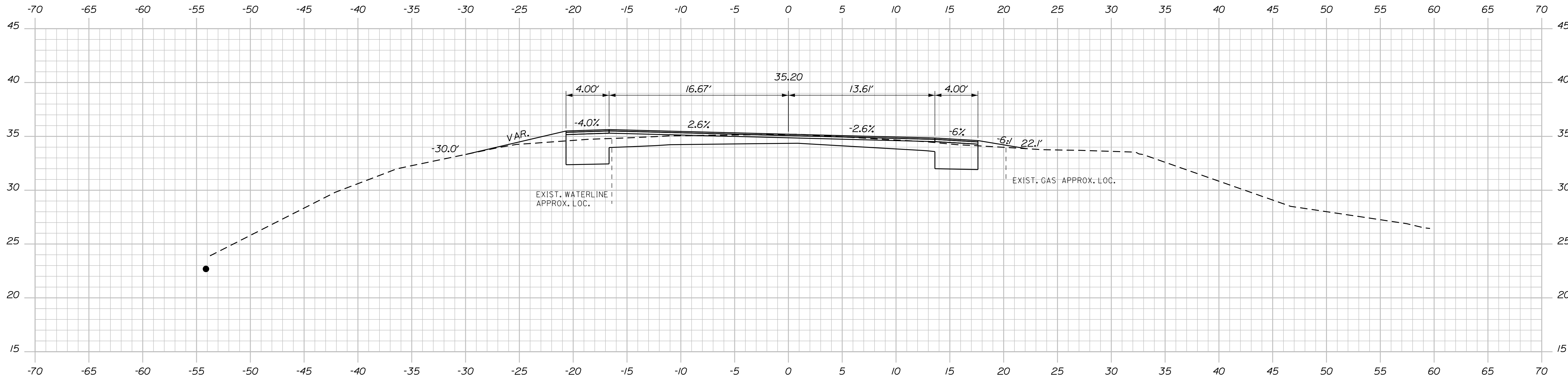
Sta. 21+25.00 to Sta. 21+75.00

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \033_XSECT_22+75_017.dgn



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 HSIP-2303(000)



SIGNATURE: JASON
 P.E. NUMBER: 7960
 DATE: 10/25/19

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN DETAILED	JLE	JLE	10/18
CHECKED-REVIEWED	ALC		10/18
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
 STATE ROAD
 CROSS SECTIONS

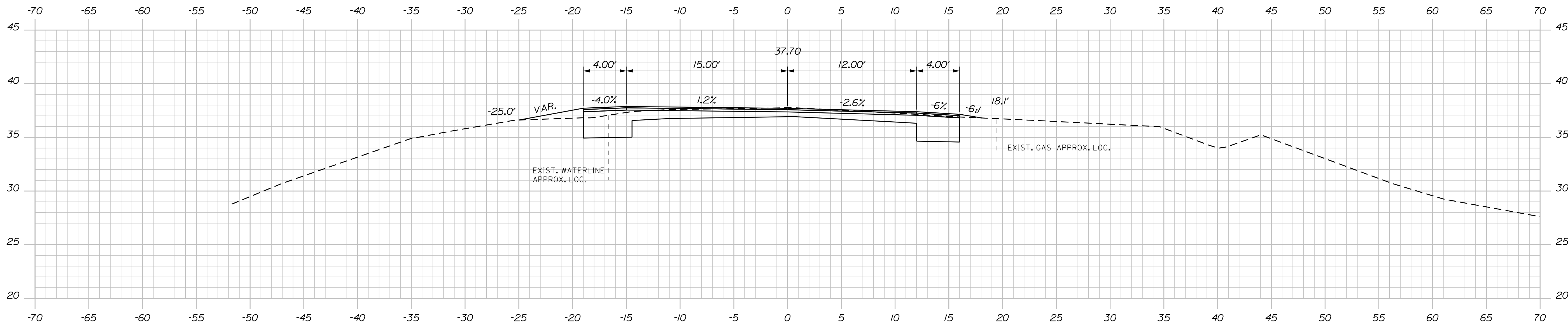
SHEET NUMBER
33
 OF 39

Date: 12/18/2019

Username: common

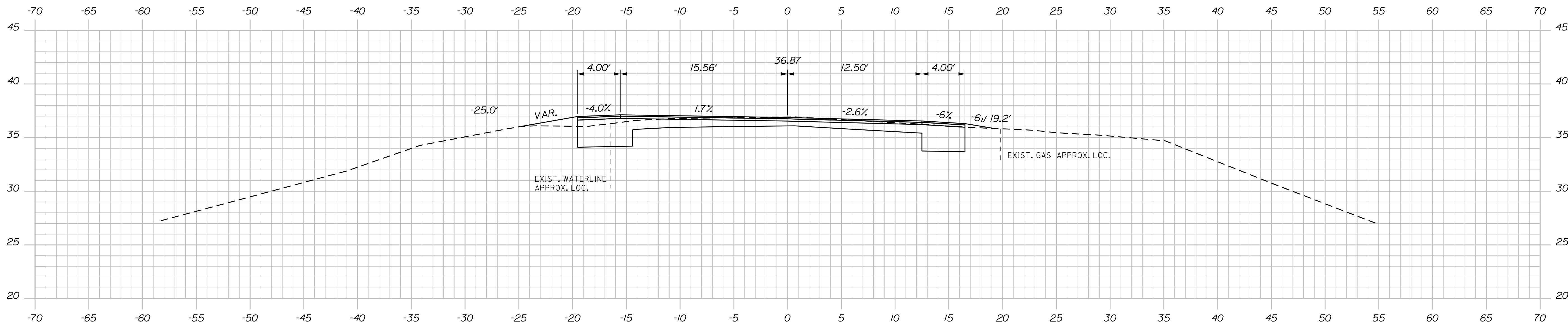
Division: HIGHWAY

Filename: ... \034_XSECT_23+25_018.dgn



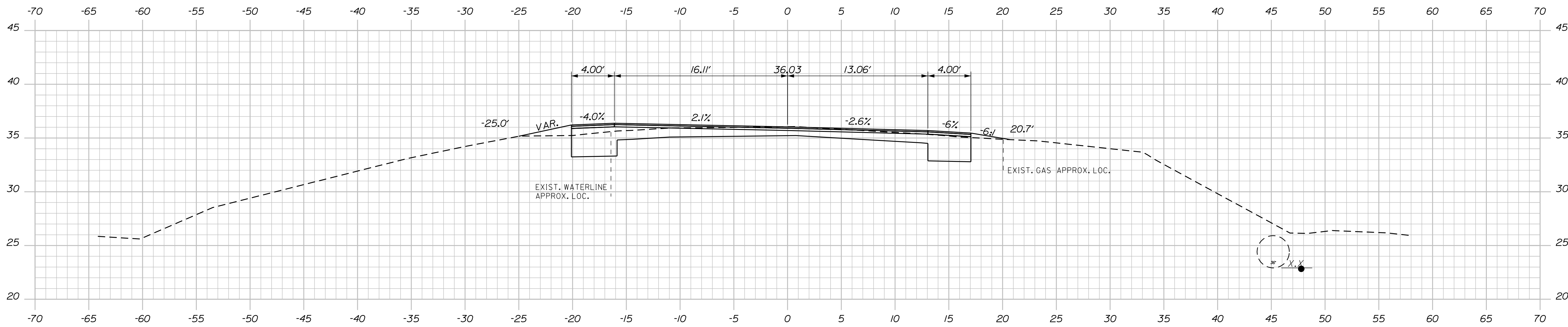
23+75.00

C = 59 CY
F = 3 CY



23+50.00

C = 59 CY
F = 3 CY



23+25.00

C = 60 CY
F = 3 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	DATE
DESIGN DETAILED	JLE	10-18
CHECKED-REVIEWED	ALC	10-18
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

34

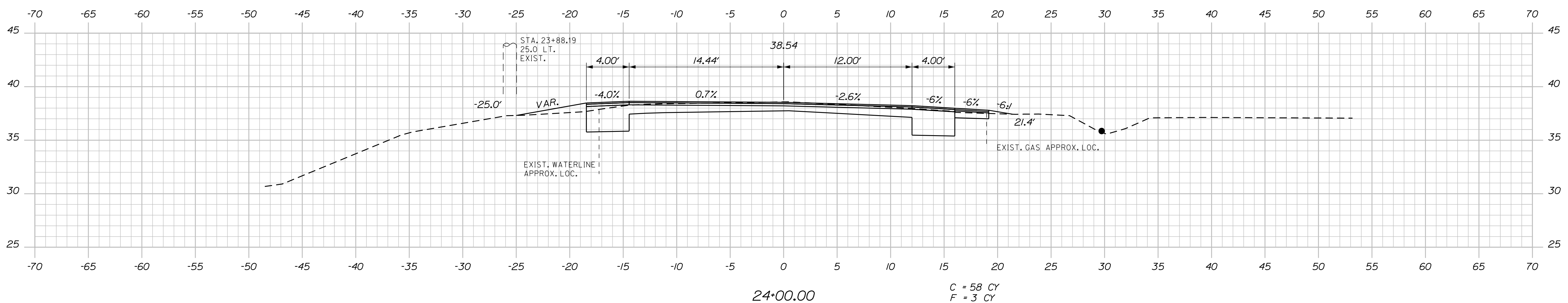
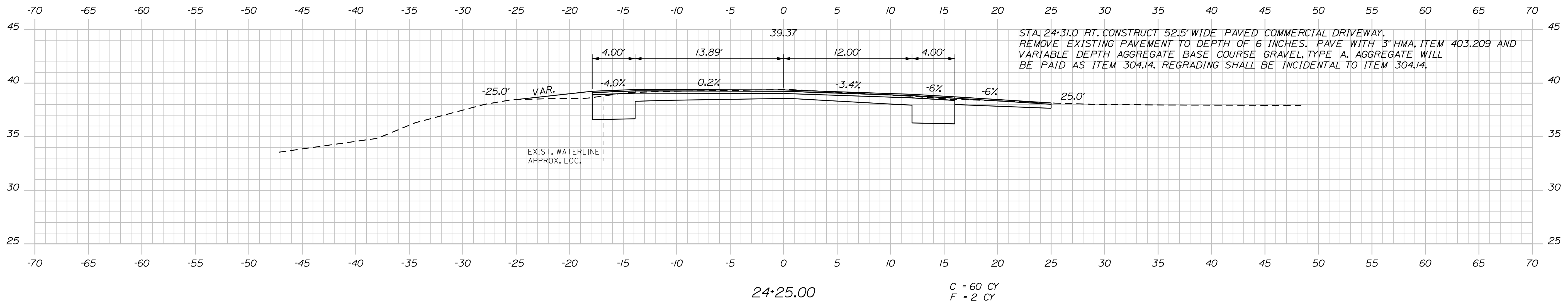
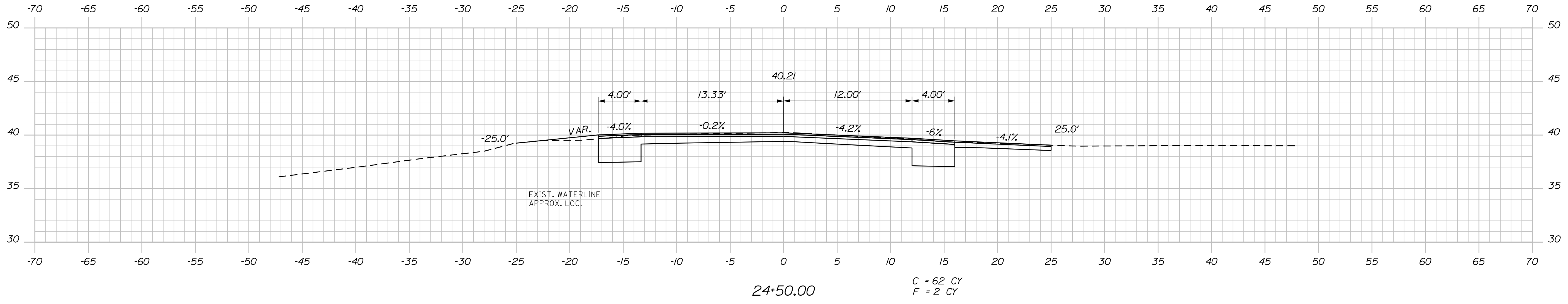
OF 39

Date: 12/18/2019

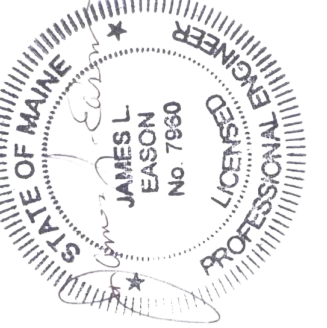
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Division: HIGHWAY

Filename: ... \035_XSECT_24+00_019.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS



SIGNATURE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
STATE ROAD
CROSS SECTIONS

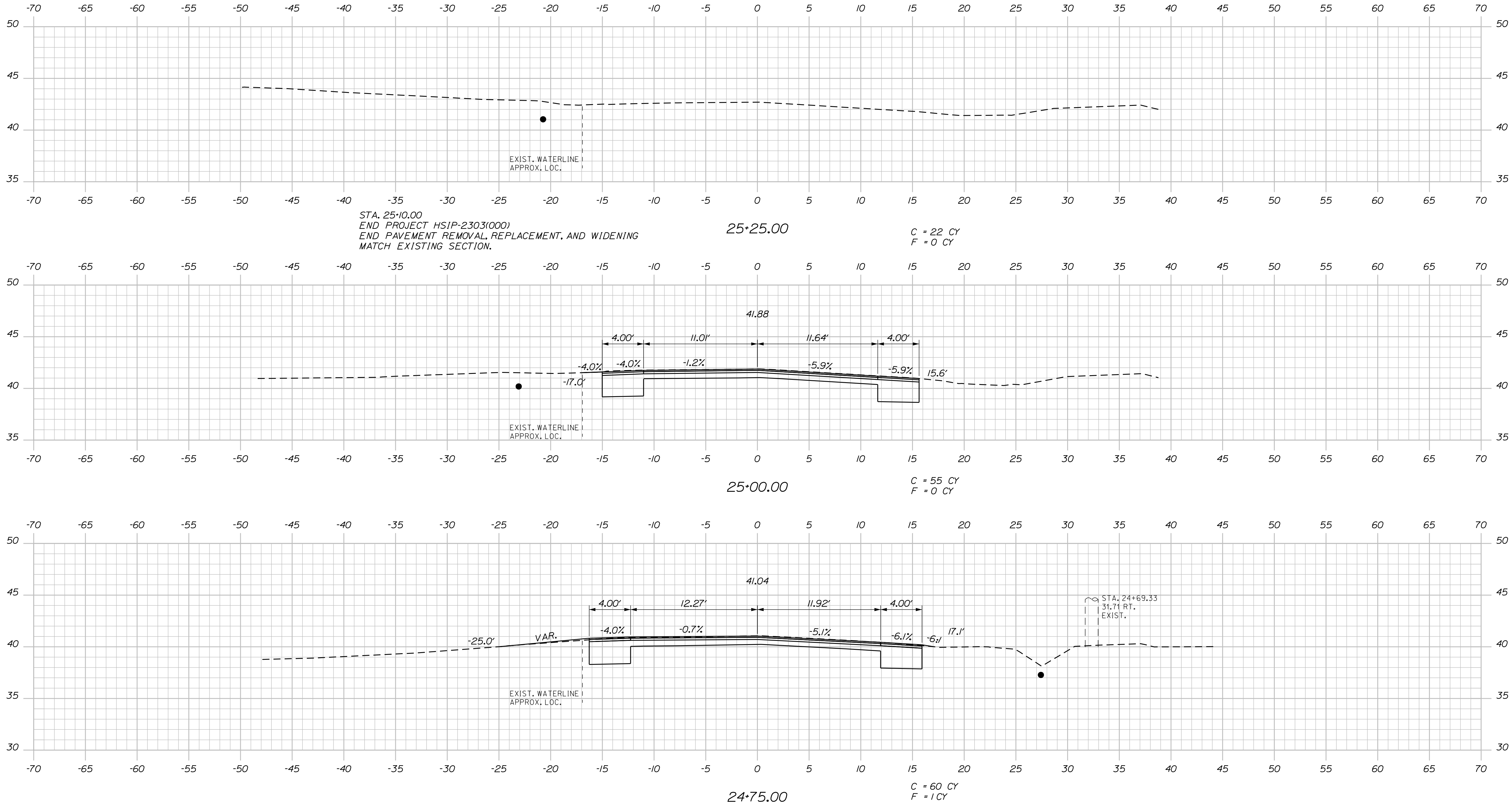
SHEET NUMBER
35
OF 39

Date: 12/18/2019

Username: common

Division: HIGHWAY

Filename: ... \036_XSECT_24+75_020.dgn



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 HSIP-2303(000)
 WIN
 23030.00
 HIGHWAY PLANS



SIGNATURE
 7960
 P.E. NUMBER
 10/25/19
 DATE

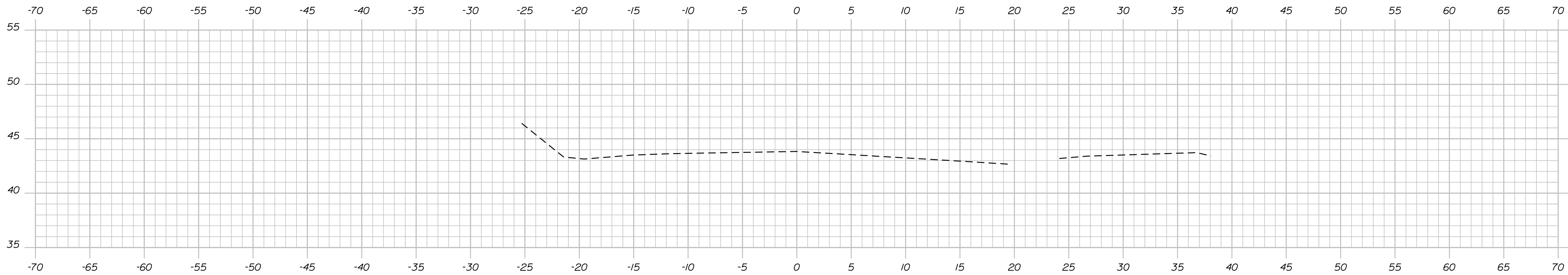
PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WEST BATH
 STATE ROAD
 CROSS SECTIONS

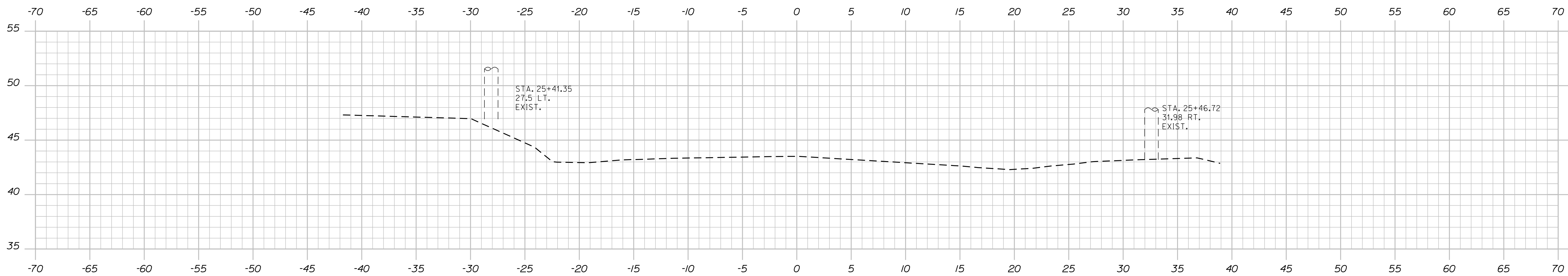
SHEET NUMBER

36

OF 39



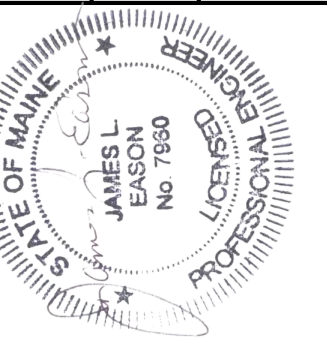
25+60.06



25+50.00

STA. 25+41.35
27.5 LT.
EXIST.

STA. 25+46.72
31.98 RT.
EXIST.



SIGNATURE
J.M. DOSTIE
7960
P.E. NUMBER
10/25/19
DATE

PROJ. MANAGER	JERRY DOSTIE	BY	DATE
DESIGN-DETAILED	JLE	JLE	10-18
CHECKED-REVIEWED	ALC		10-18
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
HSIP-2303(000)
WIN
23030.00
HIGHWAY PLANS

WEST BATH
STATE ROAD
CROSS SECTIONS

SHEET NUMBER

37

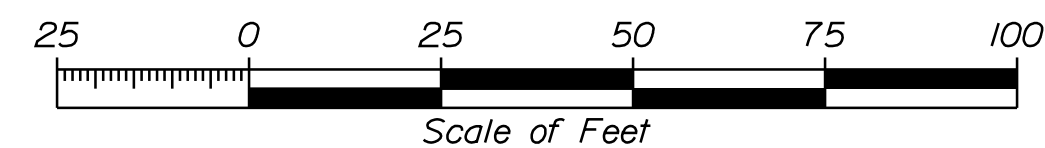
OF 39

Username: Ronald.M.Carpentier Date:12/18/2019

Division: ROW

Filename: ...\\00\ROW\MSTA\038_RWPLAN1.dgn

<p>Town, County, State _____</p> <p>Approx. Property Lines _____ P.L.</p> <p>Existing Right of Way _____ L.O.W.P.</p> <p>Limits of Wrought Portion _____ C.O.A.</p> <p>Control Of Access _____</p> <p>New Right of Way _____</p> <p>New Easement _____</p> <p>New Temporary Rights _____</p> <p>New R/W Within Existing R/W _____</p>	<p>PLAN LEGEND</p> <table border="0" style="width:100%;"> <tr> <td style="width:33%;"> <p>New R/W Along Existing R/W</p> <p>Building _____</p> <p>Trees Conifer _____</p> <p>Tree Line _____</p> <p>Water Edge _____</p> <p>Ledge _____</p> <p>Fence CHAIN LINK _____</p> <p>Sign _____</p> </td> <td style="width:33%;"> <p>Clearing Limit Line _____</p> <p>Bush Line _____</p> <p>Rock/Boulder _____</p> <p>Flag Pole _____</p> <p>BARB WIRE _____</p> <p>STOCKADE _____</p> <p>WELL _____</p> <p>Mallbox _____</p> </td> <td style="width:33%;"> <p>Sanitary Sewer _____</p> <p>Telephone Line _____</p> <p>Electric Line _____</p> <p>Water Line _____</p> <p>Underdrain Line _____</p> <p>Gas Line _____</p> <p>Guardrail _____</p> <p>Culvert _____</p> </td> </tr> <tr> <td> <p>Traveled Way _____</p> <p>Ditch _____</p> <p>Catch Basin _____</p> <p>Manhole _____</p> <p>Sewer Manhole _____</p> <p>Utility Pole _____</p> <p>Fire Hydrant _____</p> <p>Curbing _____</p> </td> <td> <p>Existing _____</p> <p>Proposed _____</p> </td> <td> <p>Cut Line _____</p> <p>Stonewall _____</p> <p>Baseline _____</p> <p>Monument _____</p> <p>Iron Rod Found _____</p> <p>Replacement Pin Set _____</p> </td> </tr> </table>	<p>New R/W Along Existing R/W</p> <p>Building _____</p> <p>Trees Conifer _____</p> <p>Tree Line _____</p> <p>Water Edge _____</p> <p>Ledge _____</p> <p>Fence CHAIN LINK _____</p> <p>Sign _____</p>	<p>Clearing Limit Line _____</p> <p>Bush Line _____</p> <p>Rock/Boulder _____</p> <p>Flag Pole _____</p> <p>BARB WIRE _____</p> <p>STOCKADE _____</p> <p>WELL _____</p> <p>Mallbox _____</p>	<p>Sanitary Sewer _____</p> <p>Telephone Line _____</p> <p>Electric Line _____</p> <p>Water Line _____</p> <p>Underdrain Line _____</p> <p>Gas Line _____</p> <p>Guardrail _____</p> <p>Culvert _____</p>	<p>Traveled Way _____</p> <p>Ditch _____</p> <p>Catch Basin _____</p> <p>Manhole _____</p> <p>Sewer Manhole _____</p> <p>Utility Pole _____</p> <p>Fire Hydrant _____</p> <p>Curbing _____</p>	<p>Existing _____</p> <p>Proposed _____</p>	<p>Cut Line _____</p> <p>Stonewall _____</p> <p>Baseline _____</p> <p>Monument _____</p> <p>Iron Rod Found _____</p> <p>Replacement Pin Set _____</p>	<p>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.</p>	<p>STATE OF MAINE REGISTRY OF DEEDS</p> <p>COUNTY _____</p> <p>RECEIVED _____</p> <p>at _____ h _____ m _____ M and</p> <p>recorded in Plan Bk _____, Pg. _____</p> <p>Attest: _____ REGISTER</p>
<p>New R/W Along Existing R/W</p> <p>Building _____</p> <p>Trees Conifer _____</p> <p>Tree Line _____</p> <p>Water Edge _____</p> <p>Ledge _____</p> <p>Fence CHAIN LINK _____</p> <p>Sign _____</p>	<p>Clearing Limit Line _____</p> <p>Bush Line _____</p> <p>Rock/Boulder _____</p> <p>Flag Pole _____</p> <p>BARB WIRE _____</p> <p>STOCKADE _____</p> <p>WELL _____</p> <p>Mallbox _____</p>	<p>Sanitary Sewer _____</p> <p>Telephone Line _____</p> <p>Electric Line _____</p> <p>Water Line _____</p> <p>Underdrain Line _____</p> <p>Gas Line _____</p> <p>Guardrail _____</p> <p>Culvert _____</p>							
<p>Traveled Way _____</p> <p>Ditch _____</p> <p>Catch Basin _____</p> <p>Manhole _____</p> <p>Sewer Manhole _____</p> <p>Utility Pole _____</p> <p>Fire Hydrant _____</p> <p>Curbing _____</p>	<p>Existing _____</p> <p>Proposed _____</p>	<p>Cut Line _____</p> <p>Stonewall _____</p> <p>Baseline _____</p> <p>Monument _____</p> <p>Iron Rod Found _____</p> <p>Replacement Pin Set _____</p>							



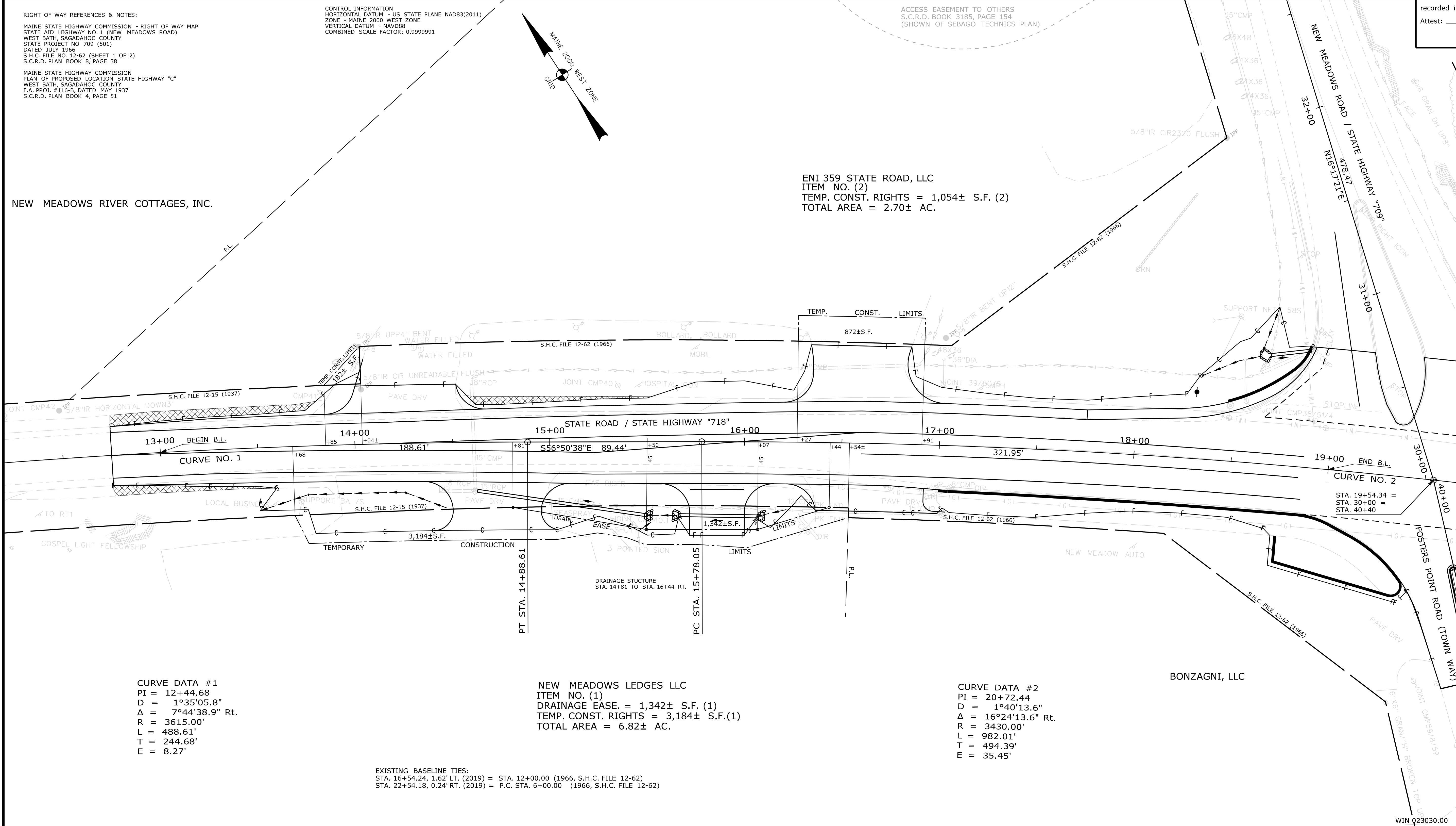
RIGHT OF WAY REFERENCES & NOTES:

MAINE STATE HIGHWAY COMMISSION - RIGHT OF WAY MAP
STATE AID HIGHWAY NO. 1 (NEW MEADOWS ROAD)
WEST BATH, SAGADAHOC COUNTY
STATE PROJECT NO 709 (501)
DATED JULY 1966
S.H.C. FILE NO. 12-62 (SHEET 1 OF 2)
S.C.R.D. PLAN BOOK 8, PAGE 38

MAINE STATE HIGHWAY COMMISSION
PLAN OF PROPOSED LOCATION STATE HIGHWAY "C"
WEST BATH, SAGADAHOC COUNTY
F.A. PROJ. #116-B, DATED MAY 1937
S.C.R.D. PLAN BOOK 4, PAGE 51

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD83
COMBINED SCALE FACTOR: 0.9999991

ACCESS EASEMENT TO OTHERS
S.C.R.D. BOOK 3185, PAGE 154
(SHOWN OF SEBAGO TECHNICS PLAN)



CURVE DATA #1
PI = 12+44.68
D = 1°35'05.8"
Δ = 7°44'38.9" Rt.
R = 3615.00'
L = 488.61'
T = 244.68'
E = 8.27'

NEW MEADOWS LEDGES LLC
ITEM NO. (1)
DRAINAGE EASE. = 1,342± S.F. (1)
TEMP. CONST. RIGHTS = 3,184± S.F. (1)
TOTAL AREA = 6.82± AC.

CURVE DATA #2
PI = 20+72.44
D = 1°40'13.6"
Δ = 16°24'13.6" Rt.
R = 3430.00'
L = 982.01'
T = 494.39'
E = 35.45'

EXISTING BASELINE TIES:
STA. 16+54.24, 1.62' LT. (2019) = STA. 12+00.00 (1966, S.H.C. FILE 12-62)
STA. 22+54.18, 0.24' RT. (2019) = P.C. STA. 6+00.00 (1966, S.H.C. FILE 12-62)

TECH	CHECKED
ITEM	CONDITION PLAN
EXISTING	FINAL
RIGHT OF WAY	AREAS

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

NO.	DATE	REVISIONS 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 "718"
STATE ROAD
WEST BATH SAGADAHOC COUNTY
FEDERAL AID PROJECT NO. 2303000

SEPTEMBER 2019 RIGHT-OF-WAY MAP
SCALE 1" = 25' SHEET 1 OF 2

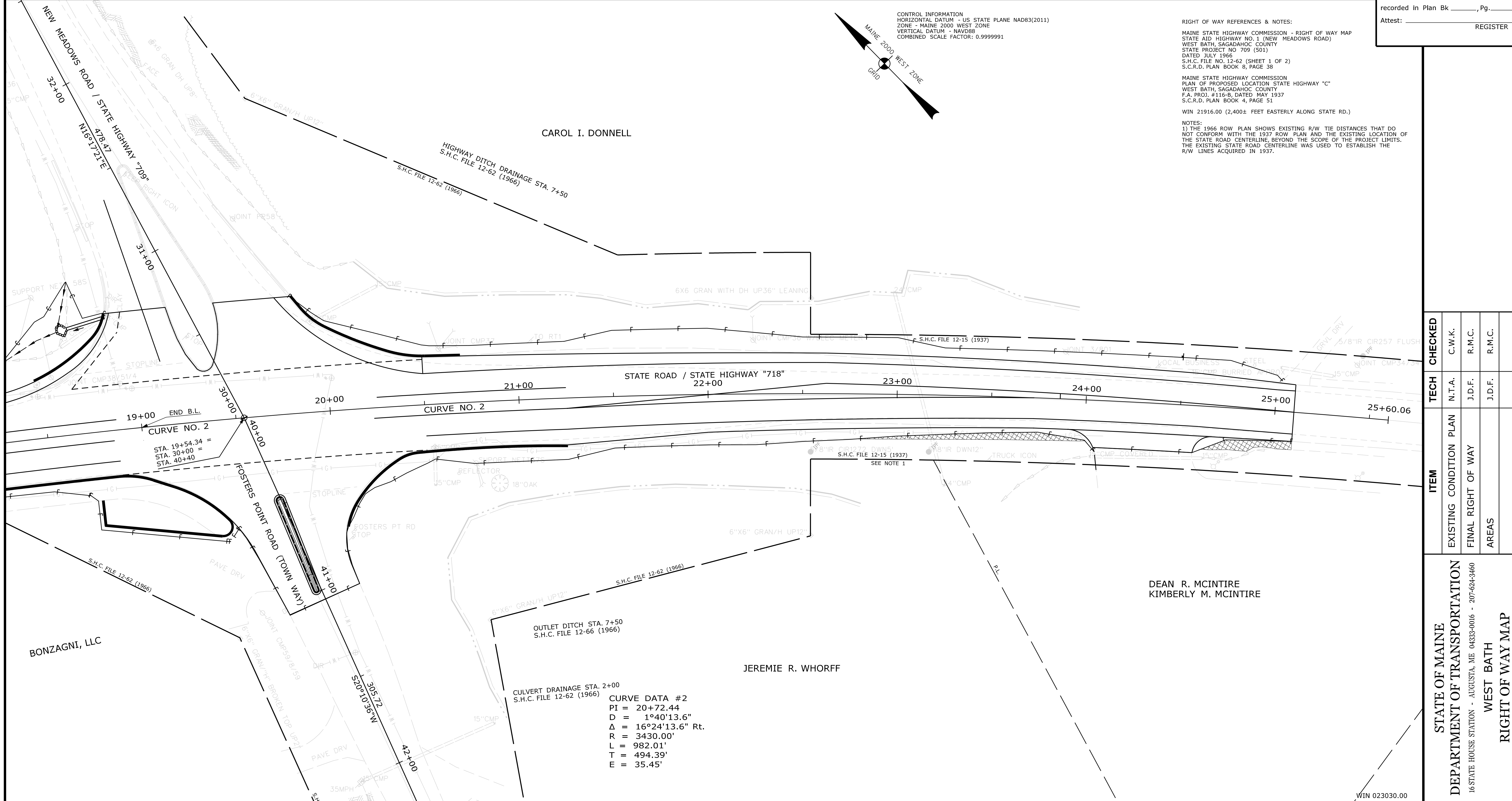
D.O.T. FILE NO. 12-138

SHEET NUMBER
38
OF 39

Username: Ronald.M.Carpentier Date:12/18/2019

Filename: ... \00\ROW\MSTA039_RWPLAN2.dgn Division: ROW

<p>Town, County, State _____</p> <p>Approx. Property Lines _____ P.L.</p> <p>Existing Right of Way _____ L.O.W.P.</p> <p>Limits of Wrought Portion _____ C.O.A.</p> <p>Control Of Access _____</p> <p>New Right of Way _____</p> <p>New Easement _____</p> <p>New Temporary Rights _____</p> <p>New R/W Within Existing R/W _____</p>	<p>PLAN LEGEND</p> <table border="0"> <tr> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Sanitary Sewer</td> <td>Telephone Line</td> </tr> <tr> <td>Electric Line</td> <td>Water Line</td> </tr> <tr> <td>Underdrain Line</td> <td>Gas Line</td> </tr> <tr> <td>Guardrail</td> <td>Culvert</td> </tr> <tr> <td>Traveled Way</td> <td>Ditch</td> </tr> <tr> <td>Catch Basin</td> <td>Manhole</td> </tr> <tr> <td>Sewer Manhole</td> <td>Utility Pole</td> </tr> <tr> <td>Fire Hydrant</td> <td>Curbing</td> </tr> </table>	Existing	Proposed	Sanitary Sewer	Telephone Line	Electric Line	Water Line	Underdrain Line	Gas Line	Guardrail	Culvert	Traveled Way	Ditch	Catch Basin	Manhole	Sewer Manhole	Utility Pole	Fire Hydrant	Curbing	<p>Cut Line _____</p> <p>Stonewall _____</p> <p>Baseline _____</p> <p>Monument _____</p> <p>Iron Rod Found _____ IRF</p> <p>Replacement Pin Set _____</p> <p>Fill Line _____</p> <p>Retaining Wall _____</p> <p>_____ 11+00 _____ 12+00</p> <p>Traverse Point _____</p> <p>Pipe Found _____ IPF</p>	<p>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.</p> <p>Scale of Feet</p> <p>25 0 25 50 75 100</p>	<p>STATE OF MAINE REGISTRY OF DEEDS</p> <p>COUNTY _____</p> <p>RECEIVED _____</p> <p>at _____ h _____ m _____ M and</p> <p>recorded in Plan Bk _____, Pg. _____</p> <p>Attest: _____ REGISTER</p>
Existing	Proposed																					
Sanitary Sewer	Telephone Line																					
Electric Line	Water Line																					
Underdrain Line	Gas Line																					
Guardrail	Culvert																					
Traveled Way	Ditch																					
Catch Basin	Manhole																					
Sewer Manhole	Utility Pole																					
Fire Hydrant	Curbing																					



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

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

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

<p>BRUCE A. VAN NOTE COMMISSIONER JOYCE NOEL TAYLOR CHIEF ENGINEER</p> <p>DATE _____</p>	<p>STATE HIGHWAY "718"</p> <p>STATE ROAD</p> <p>WEST BATH SAGADAHOC COUNTY</p> <p>FEDERAL AID PROJECT NO. 2303000</p>
<p>SEPTEMBER 2019 SCALE 1" = 25'</p>	<p>RIGHT-OF-WAY MAP SHEET 2 OF 2</p>
<p>D.O.T. FILE NO. 12-138</p>	

<p>SHEET NUMBER</p> <p style="font-size: 2em;">39</p> <p>OF 39</p>	
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