STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Ledge
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line — CLL

Centerline-Existing
Centerline-Proposed — 10+00
Travelway-Existing
Travelway-Proposed
Railroad
Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
Utility Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line
Existing San. Sewer
Existing San. Sewer Manhole
Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other

GREENE
ANDROSCOGGIN COUNTY
ROUTE 202
FEDERAL AID PROJECT NO. STP-1901(000)X
PROJECT LENGTH : 0.40 MILES

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
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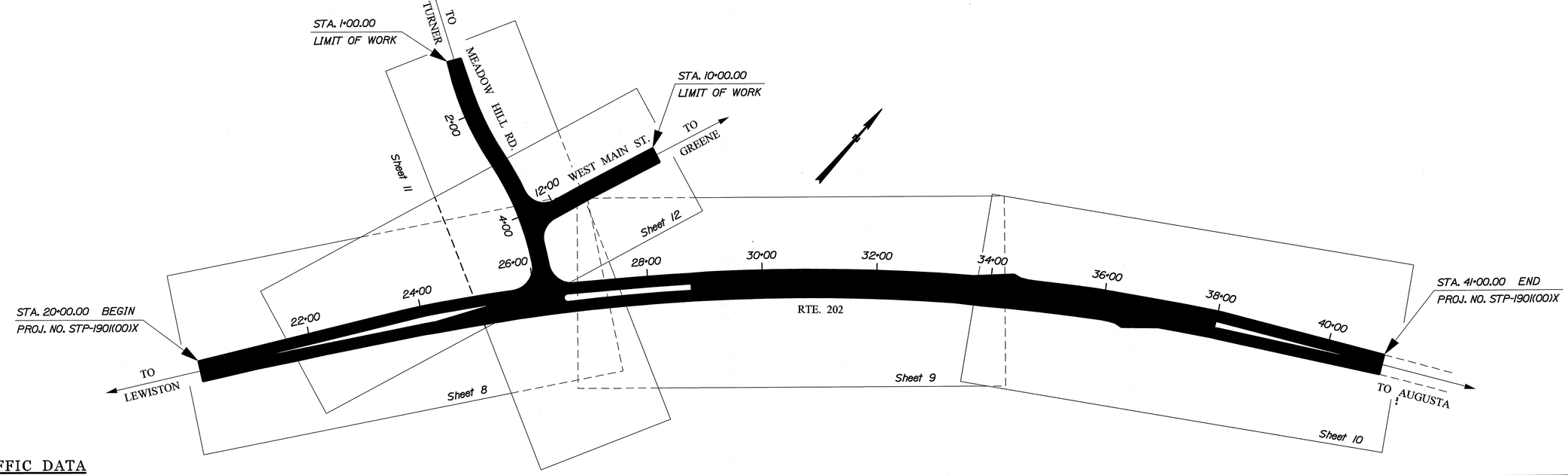
Estimated Quantities / Earthworks Summary	4
Drainage Sheet	5
General Notes	6
Construction Notes	7
Special Detail - Culvert Extensions	8
Geometric - Striping Plans	9 - 11
Plan / Profile	12 - 16
Cross - Sections	17 - 43
Right of Way Map	44 - 48



TRAFFIC DATA

Current (2016) AADT	11170
Future (2036) AADT	13400
DHV - % of AADT	11%
Design Hour Volume	1474
% Heavy Trucks (AADT)	6%
% Heavy Trucks (DHV)	3%
Directional Distribution (DHV)	67%
18 kip Equivalent P 2.0	419
18 kip Equivalent P 2.5	400
Design Speed (mph)	50
Functional Class:	Minor Arterial

LAYOUT SCALE

100 0 100 200
Scale in Feet

PROJECT LOCATION:	INTERSECTION AT WEST MAIN/MEADOW HILL ROAD AND RT. 202 EXTENDING 0.36 OF A MILE EASTERLY OF THE NEW INTERSECTION.
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	INTERSECTION IMPROVEMENTS WITHOUT SIGNAL

WIN 019010.00 AC-STP-1901(000)X

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED — DATE
COMMISSIONER: 3/4/16
DEPUTY CHIEF ENGINEER: 3/3/16

STATE OF MAINE — MELISSA MOUSSEAU — LICENSED PROFESSIONAL ENGINEER — No. 10415

SIGNATURE
10415
P.E. NUMBER
2-12-16
DATE

PROJECT INFORMATION

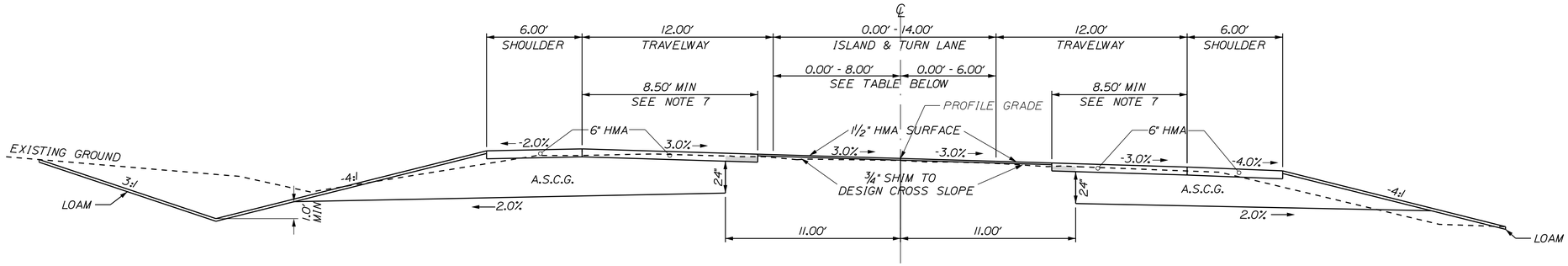
PROGRAM	HIGHWAY
PROJECT MANAGER	RHOBE MOULTON
DESIGNER	CORY HELMICK
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

GREENE
ROUTE 202
TITLE SHEET

SHEET NUMBER
1
OF 48

Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Division: HIGHWAY Username: cory.D.helmick Date:2/12/2016

ROUTE 202
SHIM & OVERLAY

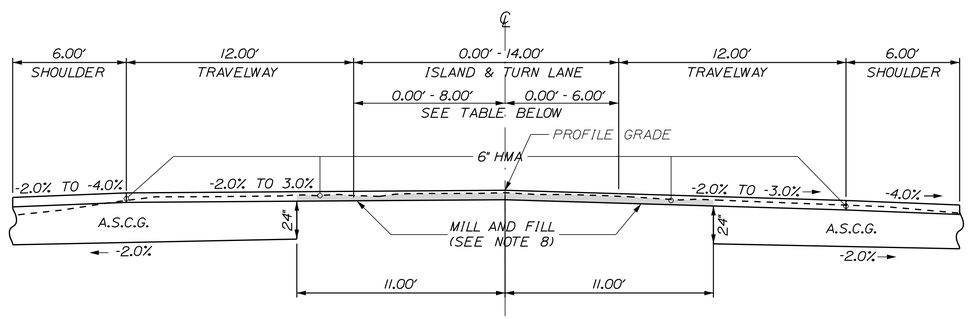


DITCH SHOULDER
STATION TO STATION
24+00.00 - 26+00.00 LT.
26+00.00 - 26+50.00 RT.
37+00.00 - 41+00.00 LT.
37+00.00 - 39+00.00 RT.

SHIM AND OVERLAY SECTION
STATION TO STATION
23+00.00 - 39+50.00

INSLOPE SHOULDER
STATION TO STATION
26+50.00 - 29+25.00 LT.
26+50.00 - 28+50.00 RT.

ROUTE 202
MILL & FILL



MILL AND FILL SECTION
STATION TO STATION
20+00.00 - 23+00.00
39+50.00 - 41+00.00

SUPER ELEVATIONS
ROUTE 202 & 11

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
MATCH EXISTING	MATCH EXISTING	20+00.00	MATCH EXISTING	MATCH EXISTING
-4.0%	-2.0%	20+50.00	-2.0%	-4.0%
-4.0%	-2.0%	21+00.00	-2.0%	-4.0%
-4.0%	-0.7%	21+50.00	-2.0%	-4.0%
-2.0%	0.5%	22+00.00	-2.0%	-4.0%
-2.0%	1.7%	22+50.00	-2.0%	-4.0%
-2.0%	3.0%	23+00.00	-3.0%	-4.0%
		TO		
-2.0%	3.0%	39+50.00	-3.0%	-4.0%
-2.0%	1.7%	40+00.00	-2.0%	-4.0%
-2.0%	0.5%	40+50.00	-2.0%	-4.0%
MATCH EXISTING	MATCH EXISTING	41+00.00	MATCH EXISTING	MATCH EXISTING
		END		

NOTES:

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 SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.

3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

4. TYPICAL SECTION STATIONING ARE APPROXIMATE.

5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.

6. ALL GUARDRAIL SECTIONS SHALL HAVE 7 FOOT POSTS.

7. MILL PAVEMENT INTO EXISTING TRAVELWAY AS NEEDED TO ACHIEVE A MINIMUM WIDTH OF 8.5′ TO THE SHOULDER BREAK AS SHOWN IN THE HATCHED AREA OF THE TYPICAL SECTIONS ABOVE. MILLING WIDTH AND DEPTHS WILL VARY FROM STATION TO STATION. DEPTH SHALL BE SET AT 4 1/2 BELOW TOP OF SHIM COURSE. MILLED TO THE CROSS SLOPE AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT. ALL MILLED AREAS WILL BE PAID FOR UNDER ITEM# 202.202.

8. PAVEMENT SHALL BE MILLED FROM THE EXISTING CENTERLINE TO THE EDGE OF THE EXCAVATION. IDENTIFIED AS HATCHED AREAS ON THE TYPICAL SECTIONS ABOVE. MILLING WIDTH AND DEPTHS WILL VARY FROM STATION TO STATION; DEPTH SHALL BE SET AT 3 3/4" BELOW PROPOSED CENTERLINE ELEVATION AND MILLED TO CROSS SLOPE AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT. ALL MILLED AREAS WILL BE PAID FOR UNDER ITEM# 202.202.

TURN LANE AND ISLAND
WIDTH TRANSITION TABLE

LEFT OF CENTERLINE		RIGHT OF CENTERLINE	
STA. TO STA.	WIDTH	STA. TO STA.	WIDTH
20+00.00 - 24+25.00	0.0′ - 8.0′	20+00.00 - 21+00.00	0.0′ - 0.0′
24+25.00 - 26+50.00	8.0′ - 8.0′	21+00.00 - 24+25.00	0.0′ - 6.0′
26+50.00 - 27+50.00	8.0′ - 6.0′	24+25.00 - 38+00.00	6.0′ - 6.0′
27+50.00 - 38+00.00	6.0′ - 6.0′	38+00.00 - 41+00.00	6.0′ - 0.0′
38+00.00 - 40+50.00	6.0′ - 0.0′		
40+50.00 - 41+00.00	0.0′ - 0.0′		

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	MAR 2016
CHECKED-REVIEWED	C. HELMICK	------
DESIGN2-DETAILED2	------	------
DESIGN3-DETAILED3	------	------
REVISIONS 1	------	------
REVISIONS 2	------	------
REVISIONS 3	------	------
REVISIONS 4	------	------
FIELD CHANGES	------	------

SIGNATURE

P.E. NUMBER

DATE

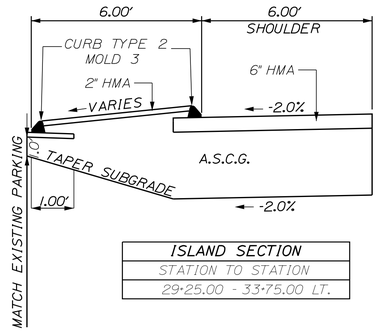
GREENE
ROUTE 202

TYPICAL SECTIONS

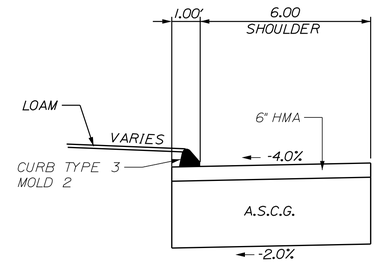
SHEET NUMBER
2
OF 47

Filename: ...\MSTA\002_Typical01.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

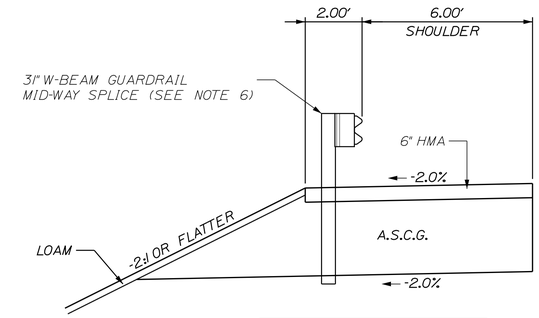
ROUTE 202
OTHER END CONDITIONS



ISLAND SECTION
STATION TO STATION
29+25.00 - 33+75.00 LT.



CURB SECTION
STATION TO STATION
20+00.00 - 21+50.00 RT.
24+25.00 - 25+50.00 RT.

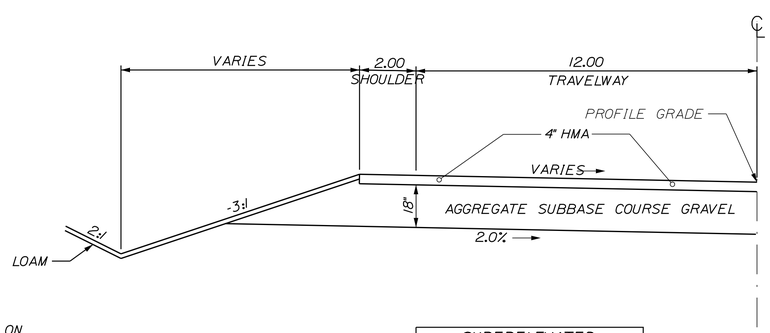


GUARDRAIL SECTION
STATION TO STATION
34+00.00 - 36+00.00 RT.
34+25.00 - 35+75.00 LT.

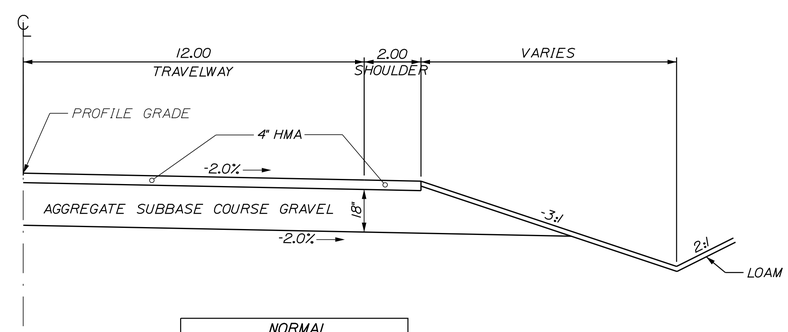
SUPER ELEVATIONS
WEST MAIN ST & MEADOW HILL RD

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
MATCH EXISTING	MATCH EXISTING	1+00.00	MATCH EXISTING	MATCH EXISTING
-2.0%	-2.0%	1+50.00	0.0%	0.0%
-2.0%	-2.0%	2+00.00	2.0%	2.0%
-2.0%	-2.0%	2+50.00	2.0%	2.0%
-2.0%	-2.0%	3+00.00	0.0%	0.0%
-2.0%	-2.0%	3+50.00	-2.0%	-2.0%

WEST MAIN ST. AND MEADOW HILL RD.
TYPICAL SECTIONS



SUPERELEVATED
STATION TO STATION
1+00.00 - 5+00.00



NORMAL
STATION TO STATION
3+50.00 - 5+00.00
10+00.00 - 12+00.00

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.

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3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

4. THE STATIONING ON THE TYPICALS ARE APPROXIMATE.

5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.

6. ALL GUARDRAIL SECTIONS SHALL HAVE 7 FOOT POSTS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE	
DESIGN-DETAILED	C. HELMICK	C. HELMICK	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

TYPICAL SECTIONS

SHEET NUMBER
3
OF 47

Filename: ...\MSTA\003_Typical02.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

ESTIMATED QUANTITIES			
ITEM No.	DESCRIPTION	QUANTITY	UNIT
201.11	CLEARING	1	AC
202.202	REMOVING PAVEMENT SURFACE	2475	SY
203.20	COMMON EXCAVATION	9200	CY
203.21	ROCK EXCAVATION	500	CY
203.2312	HEALTH AND SAFETY PLAN	1	LS
203.2333	DISPOSAL/TREATMANT OF SPECIAL EXCAVATION	1280	T
203.25	GRANULAR BORROW	35	CY
304.10	AGGREGATE SUBBASE COURSE-GRAVEL	7250	CY
403.2081	12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	1090	T
403.209	HOT MIX ASPHALT 9.5MM HMA (SIDEWALKS, DRIVES, INCEDENTALS)	240	T
403.211	HOT MIX ASPHALT (SHIMMING)	145	T
403.213	HOT MIX ASPHALT 12.5MM BASE	2210	T
409.15	BITUMINOUS TACK COAT-APPLIED	650	GAL
508.13	SHEET WATERPROOFING MEMBRANE	15	SY
511.07	COFFERDAM (UPSTREAM)	1	LS
511.07	COFFERDAM (DOWNSTREAM)	1	LS
526.301	TEMPORARY CONCRETE BARRIER TYPE I	100	LF
534.75	EXTENSION OF EXISTING BOX CULVERT (17.0) CY CONCRETE)	1	LS
603.05	6" PVC PIPE	110	LF
603.15	12 INCH CULVERT PIPE OPTION I	16	LF
603.16	15 INCH CULVERT PIPE OPTION I	166	LF
603.17	18 INCH CULVERT PIPE OPTION I	92	LF
603.175	18 INCH REINFORCED CONCRETE PIPE CLASS III	160	LF
603.179	18 INCH CULVERT PIPE OPTION III	247	LF
604.092	CATCH BASIN TYPE B1-C	4	EA
604.245	CATCH BASIN TYPE F4-C	2	EA
605.09	6 INCH UNDERDRAIN TYPE B	1490	LF
605.10	6 INCH UNDERDRAIN OUTLET	100	LF
605.12	15 INCH UNDERDRAIN TYPE C	226	LF
606.1301	31" GUARDRAIL - MID - WAY SPLICE	300	LF
606.1304	31" GUARDRAIL - MID - WAY SPLICE OVER 15 FOOT RADIUS	75	LF
606.265	TERMINAL END-SINGLE RAIL-GALVANIZED STEEL	2	EA
606.47	SINGLE WOOD POST	2	EA
606.1305	31" GUARDRAIL - MID - WAY SPLICE FLARED TERMINAL	2	EA
609.31	CURB TYPE 3	1290	LF
610.08	PLAIN RIP RAP	60	CY
610.16	HEAVY RIP RAP	35	CY
613.319	EROSION CONTROL BLANKET	940	SY
615.07	LOAM	600	CY
618.13	SEEDING METHOD NUMBER 1	7	UN
618.14	SEEDING METHOD NUMBER 2	80	UN
619.12	MULCH	93	UN
620.54	STABILIZATION GEOTEXTILE	50	SY
620.58	EROSION CONTROL GEOTEXTILE	50	SY
627.733	4 INCH WHITE OR YELLOW PAINTED PAVE MRK LINE	10100	LF
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	1150	SF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING, WHITE OR YELLOW	10100	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK-LARGE (INLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	TYPE 3 BARRICADE	4	EA
652.33	DRUM	25	EA
652.34	CONE	100	EA
652.35	CONSTRUCTION SIGNS	210	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	242	CD
652.38	FLAGGER	4000	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	8,303	
EARTH FROM DRIVES, OLD ROAD, ETC.	594	
GRUBBING IN FILL	272	
TOTAL COMMON EXCAVATION (for estimate)		9,169

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	1,632	
GRUBBING IN FILL	272	
TOTAL FILL		1,904

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	500	
TOTAL ROCK EXCAVATION		500

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION		9,169
DEDUCTIONS:		
GRUBBING IN FILL	272	
PAVEMENT SALVAGE (CUT & FILL)	1,012	
(2) TOTAL DEDUCTIONS		1,284
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		7,885
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		484
TOTAL AVAILABLE NON-ROCK EXCAVATION		8,369

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3)TOTAL FILL				1,904
TOTAL AVAIL. NON-ROCK EXCAV.	8,369	x 0.90 =	7,532	
TOTAL AVAIL. ROCK EXCAV.	500	x 1.30 =	650	
(4)TOTAL AVAILABLE EXCAVATION				8,182
TOTAL SURPLUS EXCAVATION MATERIAL			=	6,278

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE	
DESIGN-DETAILED	C. HELMICK	C. HELMICK	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
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REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

ESTIMATED QUANTITIES

SHEET NUMBER

4

OF 47

Filename: ...\HIGHWAY\MSTA\004_Estimate.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

STATION	CULVERT PIPE									CATCH BASIN			BOX CULVERT				UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			OPTION I		OPTION III											TYPE B		TYPE C					
						SMOOTHLINED		CORRUGATED								GAGE OR WALL	TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH		B1-C	F4-C	SPAN	RISE	LENGTH	THICKNESS	LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
CATCH BASIN & MANHOLE																								
STA. 21+80.00, 28.0' LT. (CB #1)											1													Flat Top
STA. 29+78.00, 23.0' LT. (CB #2)											1													
STA. 29+78.00, 33.0' LT. (CB #3)												1												
STA. 32+05.00, 23.0' LT. (CB #4)											1													
STA. 32+05.00, 33.0' LT. (CB #5)												1												
STA. 33+50.00, 23.0' LT. (CB #6)											1													
ROADWAY CULVERT																								
CB#1 LT. TO STA. 21+80, 36.5' RT.	18"	64'	III																					
STA. 27+82.08, 44.7' RT. TO STA. 27+89.94, 51.2' LT.	18"	96'	III																					
STA. 28+00.00, 49.0' RT TO STA. 28+89.85, 115.3' RT.				6"	110'																			6" PVC PIPE
CB#3 LT. TO STA. CB#2 LT.				12"	8'																			
CB#5 LT. TO STA. CB#4 LT.				12"	8'																			
CB#4 LT. TO CB#6 LT.						18"	143'	18"	143'															
CB#6 LT. TO STA. 34+53.80, 39.9' LT.						18"	104'	18"	104'															
STA. 35+39.00, 29.90' LT. TO 43.90' LT.													4'	4'	14'	8"								CONNECT EXIST. 4' X 4' BOX CULVERT
STA. 35+39.00, 25.20' RT. TO 43.20' RT.													4'	4'	18'	8"								CONNECT EXIST. 4' X 4' BOX CULVERT
STA. 36+00.00, 41.5' LT. TO STA. 36+91.10, 41.4' LT.				18"	92'																			
STA. 37+06.80, 37.7' RT. TO STA. 37+62.60, 38.8' RT.				15"	56'																			
STA. 39+91.80, 30.1' RT. TO STA. 40+21.60, 27.9' RT.				15"	30'																			
UNDERDRAIN																								
STA. 20+00.00, 16.8' LT. TO STA. 21+58.40, 19.1' LT.																	153'							
STA. 20+00.00, 17.9' RT. TO STA. 21+65.00, 19.4' RT.																	160'							
STA. 21+58.40, 19.1' LT. TO CB#1																	22'						22.5° ELBOW	
STA. 21+65.00, 19.4' RT. TO STA. 21+78.70, 32.8' RT.																		20'					45° ELBOW	
STA. 21+85.00, 19.5' LT. TO STA. 24+10.00, 24.7' LT.																	226'							
STA. 21+85.00, 19.2' RT. TO STA. 25+70.30, 22.9' RT.																	383'							
STA. 24+10.00, 24.7' LT. TO STA. 24+24.80, 39.9' LT.																		22'					45° ELBOW	
STA. 25+70.30, 22.9' RT. TO STA. 25+84.70, 36.5' RT.																		20'					45° ELBOW	
STA. 29+15.00, 22.9' RT. TO STA. 34+00.00, 24.9' RT.																	482'							
STA. 29+25.00, 22.9' LT. TO CB#2 LT.																	53'							
CB#2 TO CB#4 LT.																			15"	226'	15"	226'		
STA. 34+00.00, 24.9' RT. TO STA. 34+24.80, 48.7' RT.																		35'					45° ELBOW	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

DRAINAGE SHEET

SHEET NUMBER

5

OF 47

Filename: ...\HIGHWAY\MSTA\005_Drainage.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

1. THE UTILITIES IN THIS CONTRACT ARE AS FOLLOWS: CENTRAL MAINE POWER COMPANY. FAIRPOINT COMMUNICATIONS. TIME WARNER CABLE.

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

3. TEMPORARY RAMPS SHALL BE CONSTRUCTED WITH ONE FOOT OF LENGTH FOR EVERY 1/8 " OF TRANSITION DEPTH ON THE LEADING END. AND ONE FOOT OF LENGTH FOR EVERY 1/4 " OF TRANSITION DEPTH ON THE TRAILING END. MATERIALS. PLACEMENT. MAINTENANCE. AND REMOVAL SHALL BE INCIDENTAL TO CONTRACT ITEMS.

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

5. 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 PURPOSE ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT. ESTIMATE GRUBBING DEPTHS ARE 6 INCHES IN FIELD AREAS AND 6 INCHES IN WOODED AREAS.

6. PRIOR TO REMOVING ANY PAVEMENT OR PLACING ANY SHIM PAVEMENT. THE ROADWAY WILL BE INSPECTED FOR POSSIBLE SUBSURFACE BOULDER. WHICH WILL BE REMOVED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT RENTAL ITEMS. BACKFILL WILL BE PLACED TO SUBGRADE WITH MATERIAL CONSISTENT WITH THE SURROUNDING MATERIAL. AGGREGATE SUBBASE COURSE GRAVEL WILL BE PLACED AND COMPACTED FROM SUBGRADE TO FINISH GRAVEL GRADE. ANY MATERIAL AND EQUIPMENT USED TO BACKFILL HOLES AFTER REMOVAL OF BOULDERS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT ITEMS.

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. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.

9. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.

10. ALL THE 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.

11. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSE ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.

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

13. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.

14. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

15. PLACE 12" AGGREGATE SUBBASE COURSE GRAVEL AND 2" HOT MIX ASPHALT AROUND CATCH BASINS IN GRASSED AREAS. (3' OUTSIDE FRAME) PAYMENT SHALL BE UNDER APPLICABLE CONTRACT ITEMS.

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

17. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER. THE SHOULDER PAVEMENT WILL HAVE THE SAME SLOPE AS TRAVELED WAY.

18. THE FOLLOWING SHALL BE INCIDENTAL TO THE 603 ITEM(S)

    A. ANY CUTTING OF EXISTING CULVERTS AND OR CONNECTORS NECESSARY TO INSTALL NEW CULVERT REPLACEMENTS OR EXTENSIONS.

    B. ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT.

    C. FURNISHING. PLACING. GRADING. AND COMPACTING OF ANY NEW GRAVEL AND FOR TEMPORARY DETOURS TO MAINTAIN TRAFFIC DURING PIPE INSTALLATION (EXCAVATION IS ALSO INCIDENTAL).

    D. ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES.

    E. AN 18" WIDE STRIP OF NON-WOVEN GEO-TEXTILE MEETING THE REQUIREMENTS OF 620.58 SHALL BE PLACED OVER ALL RCP JOINTS.

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

20. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.

21. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.

22. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL OR 11" AGGREGATE SUBBASE COURSE GRAVEL AND 3" UNTREATED SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

23. GRANULAR BORROW USED UNDER PIPES SHALL MEET THE REQUIREMENTS FOR UNDERWATER BACKFILL.

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

25. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO ALL ISLAND TAPERED ENDS.

26. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO BITUMINOUS CURB ENDS AT DRIVEWAY OPENINGS AS DIRECTED BY THE RESIDENT.

27. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE TABULATION.

28. AI-C AND BI-C CATCH BASINS SHALL BE SHAPE 1 WITH HAUNCHED CONE. AS PER STANDARD DETAIL 604(02). UNLESS OTHERWISE NOTED ON THE PLANS.

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

30. 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.

31. 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.

32. AS DIRECTED BY THE RESIDENT. ALL EXISTING UNDERDRAIN OUTLETS SHALL BE LOCATED. CLEANED OUT AND DITCHED AS REQUIRED OR REPLACED AS NECESSARY. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

30. ALL CONNECTIONS FOR UNDERDRAIN TO ROADWAY CULVERTS WILL BE INCIDENTAL TO UNDERDRAIN PIPE ITEMS.

31. A 3 FT. X 3 FT. SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT UNDERDRAIN OUTLETS.

32. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.

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

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

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

36. A DELINEATOR POST (ITEM 606.356) WILL BE INTALLED AT EACH UNDERDRAIN OUTLET.

37. BACKING UP BITUMINOUS CURB IS INCIDENTAL TO THE CURB ITEMS. IF DIRECTED. LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY. 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.

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

39. 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.

40. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE MADE UNDER THE APPROPRIATE RENTAL ITEMS.

41. THE CONTRACTOR IS RESPONSIBLE FOR THE CAREFUL SIDE STAKING OF EXISTING CENTERLINE AS PER STANDARD SPECIFICATION 105.6.2. SIDE STAKES SHALL BE PLACED SAFELY OUTSIDE OF THE CONSTRUCTION LIMITS AND THE PROPOSED CENTERLINE GRADES SHALL BE TRANSFERRED TO THESE STAKES. THESE STAKES AND GRADES WILL BE USED TO LAYOUT CENTERLINE. ALL LAYOUT. STAKES. AND GRADES WILL BE CHECKED AND MUST BE ACCEPTABLE TO THE RESIDENT.

42. 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.

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

44. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION. DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE 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.

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

46. CONTRACTOR SHALL EXCERCISE CAUTION WHEN EXCAVATION FOR THE REMOVAL OF EXISTING PIPES OR INSTALLATION OF NEW PIPES. TRENCHES ARE TO BE BACKFILLED WITH AS MUCH OF THE EXISTING MATERIALS POSSIBLE AND EXISTING DEPTHS OF GRAVEL AND PAVEMENT MATCHED.

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

48. STATIONS REFERENCED ARE APPROXIMATE.

49. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.

50. A COPY OF THE SOILS REPORT FOR THIS PROJECT IS AVAILAVLE AT HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/

Filename: ...\MSTA\006_General Notes.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1901(000)X
WIN 019010.00
HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER RHOBE MOULTON			
DESIGN-DETAILED	C. HELMICK	C. HELMICK	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE
P.E. NUMBER
DATE

GREENE
ROUTE 202

GENERAL NOTES

DRIVES , ENTRANCES, YARDS

STATIONING		TYPE
22+33.00	LT.	PAVED DR.
22+47.42 TO 24+00.00	LT.	PAVED YARD
22+78.00	RT.	GRAVEL DR.
24+09.00	RT.	GRAVEL DR.
25+53.00	RT.	GRAVEL DR.
29+38.00	RT.	PAVED ENT.
30+00.00	LT.	PAVED ENT.
30+40.00	LT.	PAVED ENT.
32+50.00	LT.	PAVED ENT.
32+75.00	LT.	PAVED ENT.
33+85.00	RT.	GRAVEL FIELD ENT.
34+00.00	LT.	PAVED ENT.
36+50.00	LT.	PAVED ENT.
37+36.00	RT.	GRAVEL ENT.
40+05.00	RT.	PAVED DR.
11+62.00	LT. (WEST MAIN ST.)	PAVED DR.

ITEM 201.11 CLEARING

STA. 24+92.00 TO STA. 29+17.00 LT.

STA. 1+42.00 LT. TO STA. 3+47.00 LT & RT. (MEADOW HILL RD.)

STA. 10+99.00 TO STA. 11+67.00 RT. (WEST MAIN ST.)

STA. 33+23.00 TO STA. 33+70.00 RT.

STA. 33+91.00 TO STA. 35+19.00 RT.

STA. 34+89.00 TO STA. 35+87.00 LT.

STA. 35+56.00 TO STA. 36+14.00 RT.

STA. 38+74.00 TO STA. 39+98.00 RT.

STA. 40+17.00 TO STA. 40+77.00 RT.

ITEM 606.1301 31" GUARDRAIL - MID-WAY SPLICE

	LENGTH	QUANTITY
STA. 34+10.00, 24.0' RT. TO STA. 36+00.00, 24.0' RT.	188 LF	15 BEAMS
STA. 34+76.00, 24.0' LT. TO STA. 35+88.00, 24.0' LT.	112.5 LF	9 BEAMS

ITEM 606.1304 31" GUARDRAIL - MID-WAY SPLICE OVER 15' RADIUS

	LENGTH	QUANTITY
STA. 33+90.00, 39.4' RT. TO STA. 34+10.00, 24.0' RT.	25 LF	2 BEAMS
STA. 35+88.00, 24.0' LT. TO STA. 36+25.00, 61.0' LT.	50 LF	4 BEAMS

ITEM 606.1305 31" GUARDRAIL - MID-WAY SPLICED FLARED TERMINAL

STA. 36+00.00 RT.

STA. 34+76.00 LT.

ITEM 606.265 TERMINAL END - SINGLE RAIL - GALVANIZED STEEL

STA. 34+10.00, 24.0' RT.

STA. 36+25.00, 61.0' LT.

ITEM 610.08 PLAIN RIPRAP

CROSS CULVERTS	RIPRAP PAD INLET	RIPRAP PAD OUTLET	
CB#1 LT. TO STA. 21+80, 36.5' RT.		4.5' X 7'	INSTALL CUVERT END PROTECTION
STA. 27+82.08, 44.7' RT.	4.5' X 6'		INSTALL CUVERT END PROTECTION
TO STA. 27+89.94, 51.2' LT.		4.5' X 6'	INSTALL CUVERT END PROTECTION
STA. 35+39.00, 29.90' LT. TO 44.90' LT.		6' X 9'	
STA. 35+39.00, 25.20' RT. TO 45.20' RT.		9' X 30'	

UNDERDRAIN OUTLETS	RIPRAP PAD	
STA. 24+10.00, 24.7' LT. TO STA. 24+24.80, 39.9' LT.	3' X 3'	
STA. 25+70.30, 22.9' RT. TO STA. 25+84.70, 36.5' RT.	3' X 3'	
CB#6 LT. TO STA. 34+53.80, 39.9' LT.	4.5' X 7'	INSTALL CUVERT END PROTECTION

ITEM 610.16 HEAVY RIPRAP

STA. 35+25.00, 74' RT. TO STA. 35+45.00, 91' RT.

ITEM 613.319 EROSION CONTROL BLANKET

STA. 20+25.00, 27' LT. TO CB#1 LT.

CB#1 TO ST. 22+15.00, 27' LT.

STA. 23+80.00, 36' LT. (RTE. 202) TO STA. 1+21.00, 23' RT. (MEADOW HILL RD.)

STA. 25+87.00, 38' RT. TO STA. 26+52.00, 38' RT.

STA. 4+96.00, 31' LT. (MEADOW HILL RD.) TO STA. 11+68.00, 18' LT. (WEST MAIN ST.)

STA. 11+00.00, 23' RT. (WEST MAIN ST.) TO STA. 1+41.00, 23' LT. (MEADOW HILL RD.)

STA. 34+53.80, 39.9' LT. TO STA. 34+81.00, 56' LT.

STA. 35+75.00, 48' LT. TO STA. 36+00.00, 41.5' LT.

STA. 36+53.00, 46' RT. TO STA. 37+06.80, 37.7' RT.

STA. 36+91.10, 41.4' LT. TO STA. 40+50.00, 24' LT.

STA. 37+62.60, 38.8' RT. TO STA. 39+91.80, 30.1' RT.

STA. 40+21.60, 27.9' RT. TO STA. 40+93.00, 22' RT.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

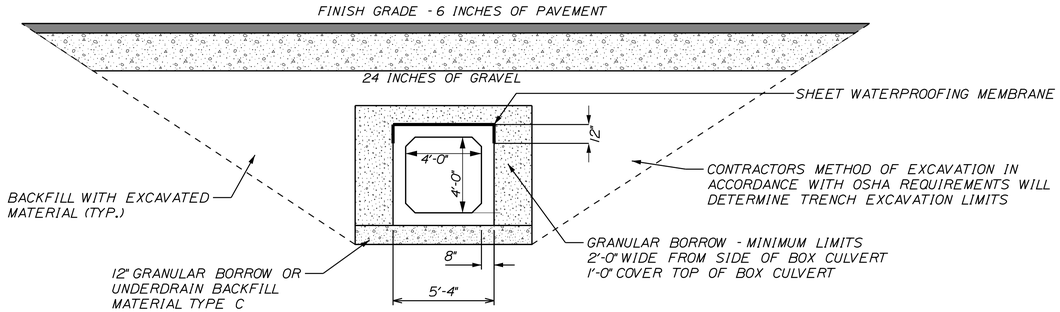
CONSTRUCTION NOTES

SHEET NUMBER

7

OF 47

Filename: ...\MSTA\007_Const. Notes.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



PRECAST CONCRETE BOX CULVERT SECTION

PRECAST CONCRETE BOX NOTES

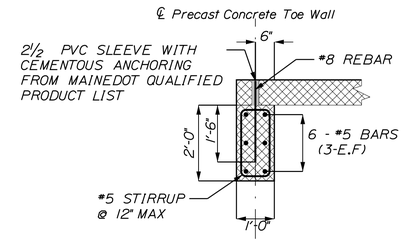
1. THE PRECAST UNIT SHALL BE DESIGNED TO CARRY CONSTRUCTION LOADING WITH A MINIMUM FILL COVER OF 18 INCHES OVER THE TOP OF THE UNITS.

2. THE CONSTRUCTION, HANDELING AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION, SECTION 534, PRECAST STURCTURAL CONCRETE, AND WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.

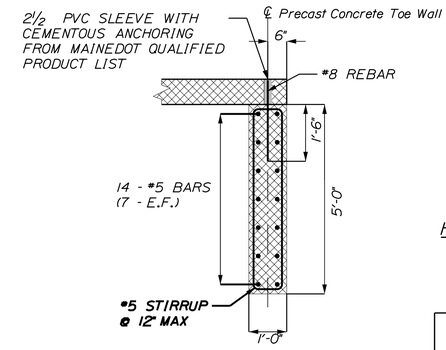
3. INSTALL SHEET WATERPROOFING MEMBRANE OVER THE TOP AND 12 INCHES DOWN THE EXTERIOR SIDES OF THE PRECAST UNITS.

4. THE MECHANICAL CONNECTION BETWEEN THE EXISTING BOX CULVERT ENDS AND THE PROPOSED BOX CULVERT EXTENSTIONS SHALL BE DESIGNED BY THE CONTRACTOR AND THE SUPPLIER AND SUBMITTED TO THE DEPARTMENT FOR REVIEW AND ACCEPTANCE. MECHANICAL CONNECTION SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 534.75 - EXTENSION OF EXISTING BOX CULVERT.

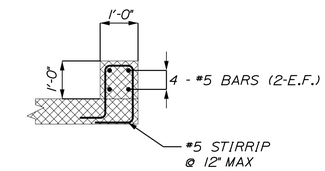
5. REMOVAL OF CONCRETE HEADWALLS OR WINGWALLS AROUND THE EXISTING BOX CULVERT SHALL BE INCEDENTAL TO THE CONTRACT.



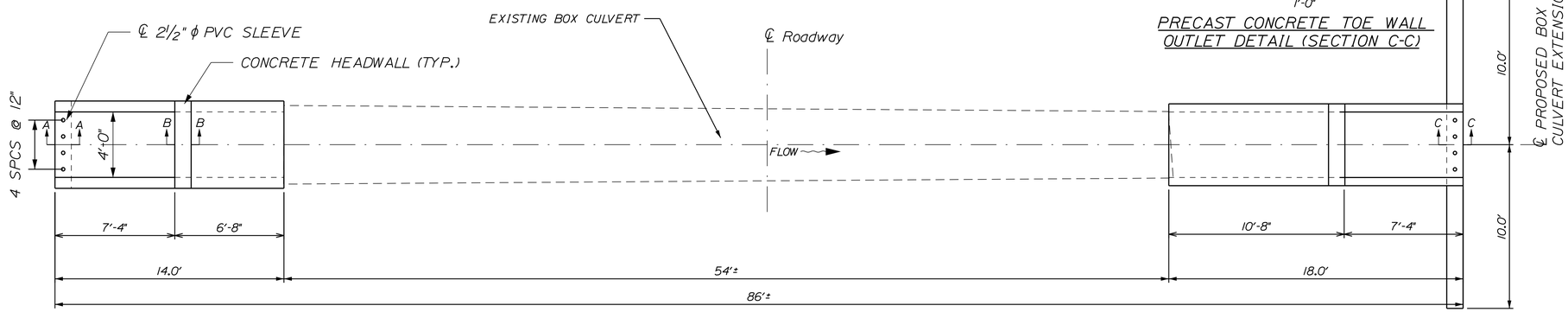
PRECAST CONCRETE TOE WALL INLET DETAIL (SECTION A-A)



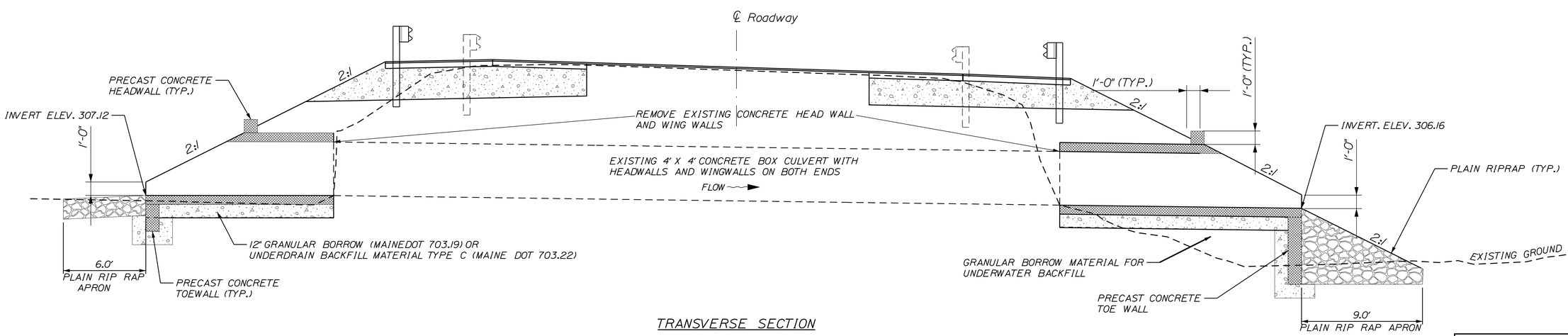
PRECAST CONCRETE TOE WALL OUTLET DETAIL (SECTION C-C)



PRECAST CONCRETE HEADWALL DETAIL (SECTION B-B)



PRECAST CONCRETE BOX CULVERT PLAN



TRANSVERSE SECTION

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	MAR 2016
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

SPECIAL DETAIL
CULVERT EXTENSIONS

SHEET NUMBER

8

OF 47

Filename: ...\008_Special Detail_Culvert Extensions.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

LEGEND
4" SSWL: 4" SINGLE SOLID WHITE LINE
4" DSYL: 4" DOUBLE SOLID YELLOW LINE
4" SSYL: 4" SINGLE SOLID YELLOW LINE
8" SSYL: 8" SINGLE SOLID YELLOW LINE
4" DLSD: 4" BROKEN AND 4" SOLID YELLOW LINE
STA. 1+00.00 – STA. 5+55.72 : MEADOW HILL RD.
STA. 10+00.00 – STA. 12+56.27 : WEST MAIN ST.
STA. 20+00.00 – STA. 41+00.00 : RTE. 202

POINT TO POINT	TYPE
2 - 25 - 30 - 31	4" SSWL
1 - 8 - 15 - 19 - 22	4" SSYL
1 - 6 - 9 - 16 - 18 - 21	4" SSYL
22 - 27	8" SSYL
21 - 26	8" SSYL
20 - 28	4" SSWL
32 - 33 - 36 - 49	4" SSWL

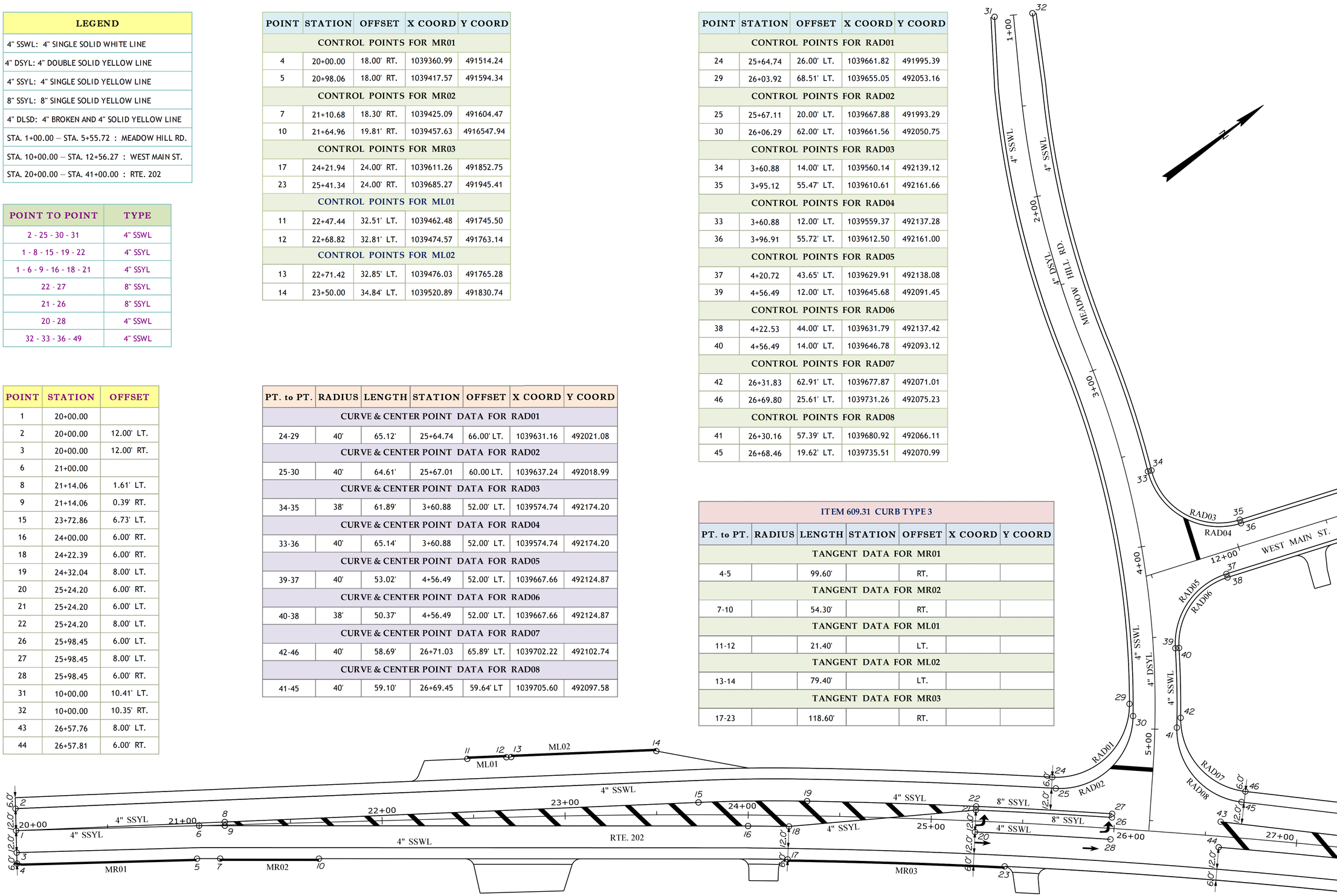
POINT	STATION	OFFSET
1	20+00.00	
2	20+00.00	12.00' LT.
3	20+00.00	12.00' RT.
6	21+00.00	
8	21+14.06	1.61' LT.
9	21+14.06	0.39' RT.
15	23+72.86	6.73' LT.
16	24+00.00	6.00' RT.
18	24+22.39	6.00' RT.
19	24+32.04	8.00' LT.
20	25+24.20	6.00' RT.
21	25+24.20	6.00' LT.
22	25+24.20	8.00' LT.
26	25+98.45	6.00' LT.
27	25+98.45	8.00' LT.
28	25+98.45	6.00' RT.
31	10+00.00	10.41' LT.
32	10+00.00	10.35' RT.
43	26+57.76	8.00' LT.
44	26+57.81	6.00' RT.

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR MR01				
4	20+00.00	18.00' RT.	1039360.99	491514.24
5	20+98.06	18.00' RT.	1039417.57	491594.34
CONTROL POINTS FOR MR02				
7	21+10.68	18.30' RT.	1039425.09	491604.47
10	21+64.96	19.81' RT.	1039457.63	4916547.94
CONTROL POINTS FOR MR03				
17	24+21.94	24.00' RT.	1039611.26	491852.75
23	25+41.34	24.00' RT.	1039685.27	491945.41
CONTROL POINTS FOR ML01				
11	22+47.44	32.51' LT.	1039462.48	491745.50
12	22+68.82	32.81' LT.	1039474.57	491763.14
CONTROL POINTS FOR ML02				
13	22+71.42	32.85' LT.	1039476.03	491765.28
14	23+50.00	34.84' LT.	1039520.89	491830.74

PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
CURVE & CENTER POINT DATA FOR RAD01						
24-29	40'	65.12'	25+64.74	66.00' LT.	1039631.16	492021.08
CURVE & CENTER POINT DATA FOR RAD02						
25-30	40'	64.61'	25+67.01	60.00 LT.	1039637.24	492018.99
CURVE & CENTER POINT DATA FOR RAD03						
34-35	38'	61.89'	3+60.88	52.00' LT.	1039574.74	492174.20
CURVE & CENTER POINT DATA FOR RAD04						
33-36	40'	65.14'	3+60.88	52.00' LT.	1039574.74	492174.20
CURVE & CENTER POINT DATA FOR RAD05						
39-37	40'	53.02'	4+56.49	52.00' LT.	1039667.66	492124.87
CURVE & CENTER POINT DATA FOR RAD06						
40-38	38'	50.37'	4+56.49	52.00' LT.	1039667.66	492124.87
CURVE & CENTER POINT DATA FOR RAD07						
42-46	40'	58.69'	26+71.03	65.89' LT.	1039702.22	492102.74
CURVE & CENTER POINT DATA FOR RAD08						
41-45	40'	59.10'	26+69.45	59.64' LT	1039705.60	492097.58

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR RAD01				
24	25+64.74	26.00' LT.	1039661.82	491995.39
29	26+03.92	68.51' LT.	1039655.05	492053.16
CONTROL POINTS FOR RAD02				
25	25+67.11	20.00' LT.	1039667.88	491993.29
30	26+06.29	62.00' LT.	1039661.56	492050.75
CONTROL POINTS FOR RAD03				
34	3+60.88	14.00' LT.	1039560.14	492139.12
35	3+95.12	55.47' LT.	1039610.61	492161.66
CONTROL POINTS FOR RAD04				
33	3+60.88	12.00' LT.	1039559.37	492137.28
36	3+96.91	55.72' LT.	1039612.50	492161.00
CONTROL POINTS FOR RAD05				
37	4+20.72	43.65' LT.	1039629.91	492138.08
39	4+56.49	12.00' LT.	1039645.68	492091.45
CONTROL POINTS FOR RAD06				
38	4+22.53	44.00' LT.	1039631.79	492137.42
40	4+56.49	14.00' LT.	1039646.78	492093.12
CONTROL POINTS FOR RAD07				
42	26+31.83	62.91' LT.	1039677.87	492071.01
46	26+69.80	25.61' LT.	1039731.26	492075.23
CONTROL POINTS FOR RAD08				
41	26+30.16	57.39' LT.	1039680.92	492066.11
45	26+68.46	19.62' LT.	1039735.51	492070.99

ITEM 609.31 CURB TYPE 3						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT DATA FOR MR01						
4-5		99.60'		RT.		
TANGENT DATA FOR MR02						
7-10		54.30'		RT.		
TANGENT DATA FOR ML01						
11-12		21.40'		LT.		
TANGENT DATA FOR ML02						
13-14		79.40'		LT.		
TANGENT DATA FOR MR03						
17-23		118.60'		RT.		



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	SIGNATURE
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	P.E. NUMBER
REVISIONS 2	------	------	------
REVISIONS 3	------	------	DATE
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

GREENE
ROUTE 202

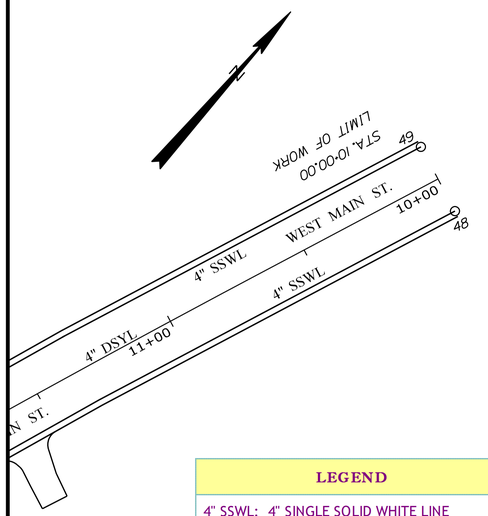
GEOMETRIC - STRIPING PLANS

SHEET NUMBER

9

OF 47

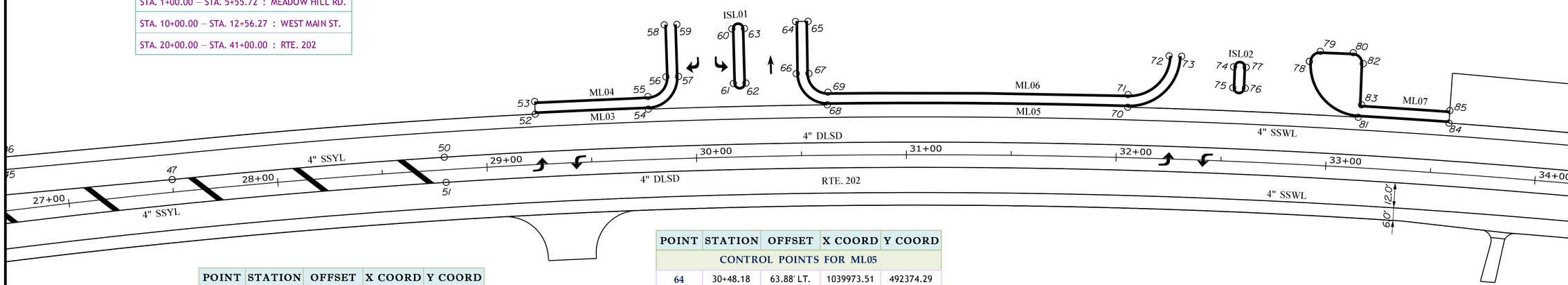
Filename: ...\009_Geometry - Striping Plan 01.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



LEGEND
4" SSWL: 4" SINGLE SOLID WHITE LINE
4" SSYL: 4" SINGLE SOLID YELLOW LINE
8" SSYL: 8" SINGLE SOLID YELLOW LINE
4" DLSD: 4" BROKEN AND 4" SOLID YELLOW LINE
STA. 1+00.00 – STA. 5+55.72 : MEADOW HILL RD.
STA. 10+00.00 – STA. 12+56.27 : WEST MAIN ST.
STA. 20+00.00 – STA. 41+00.00 : RTE. 202

ITEM 609.31 CURB TYPE 3						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT, CURVE & CENTER POINT DATA FOR ML03						
52-54		53.94'		LT.		
54-57	15'	23.56'	29+77.78	39.00' LT	1039938.02	492307.51
57-59		24.79'		LT.		
TANGENT, CURVE & CENTER POINT DATA FOR ML04						
53-55		53.97'		LT.		
55-56	9'	14.13'	29+77.63	39.08' LT	1039937.85	492307.47
56-57		24.78'		LT.		
TANGENT, CURVE & CENTER POINT DATA FOR ISL01						
60-61		26.00'		LT.		
61-62	3'	9.42'	30+21.37	35.01' LT.	1039972.94	492334.65
62-63		26.00'		LT.		
63-60	3'	9.42'	30+21.27	61.00' LT.	1039955.25	492353.69
TANGENT, CURVE & CENTER POINT DATA FOR ML05						
64-66		24.84'		LT.		
66-68	15'	23.56'	30+63.01	39.05' LT.	1040001.32	492365.97
68-70		142.86'		LT.		
70-73	25'	39.27'	32+04.87	49.00' LT.	1040103.44	492467.44

ITEM 609.31 CURB TYPE 3						
PT. to PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT, CURVE & CENTER POINT DATA FOR ML06						
65-67		24.84'		LT.		
67-69	9'	14.13'	30+63.01	39.05' LT.	1040001.32	492365.97
69-71		143.07'		LT.		
71-72	19'	29.85'	32+04.87	49.00' LT.	1040103.44	492467.44
TANGENT, CURVE & CENTER POINT DATA FOR ISL02						
74-75		10.00'		LT.		
75-76	3'	9.42'	32+57.12	44.99' LT.	1040146.95	492497.86
76-77		10.00'		LT.		
77-74	3'	9.42'	32+57.14	34.99' LT.	1040153.24	492490.09
TANGENT, CURVE & CENTER POINT DATA FOR ML07						
84-81		43.30'		LT.		
81-78	15'	23.50'	33+14.31	49.00' LT.	1040189.87	492537.00
78-79	5'	7.85'	32+94.59	49.28' LT.	1040173.96	492524.88
79-80		15.70'		LT.		
80-82	5'	7.85'	33+09.82	49.51' LT.	1040185.96	492534.60
82-83		19.61'		LT.		
83-85		43.40'		LT.		



POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ML03				
52	29+24.24	24.00' LT.	1039909.43	492259.30
54	29+77.82	24.00' LT.	1039948.35	492296.64
57	29+92.62	39.06' LT.	1039948.90	492317.84
59	29+92.59	63.86' LT.	1039931.93	492335.91
CONTROL POINTS FOR ML04				
53	29+24.24	30.00' LT.	1039904.37	492264.49
55	29+77.85	30.00' LT.	1039944.13	492301.02
56	29+86.69	39.07' LT.	1039944.53	492313.74
58	29+86.70	63.86' LT.	1039927.56	492331.81
CONTROL POINTS FOR ISL01				
60	30+18.32	61.00' LT.	1039953.05	492351.64
61	30+18.40	35.00' LT.	1039970.74	492332.61
62	30+24.34	35.02' LT.	1039975.14	492336.69
63	30+24.22	61.02' LT.	1039957.44	492355.74

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ML05				
64	30+48.18	63.88' LT.	1039973.51	492374.29
66	30+48.15	39.04' LT.	1039990.19	492355.88
68	30+62.97	24.00' LT.	1040011.37	492354.76
70	32+04.88	24.00' LT.	1040119.42	492448.21
73	32+29.56	49.06' LT.	1040122.71	492483.41
CONTROL POINTS FOR ML06				
65	30+54.07	63.87' LT.	1039977.96	492378.32
67	30+54.11	39.03' LT.	1039994.65	492359.93
69	30+62.99	30.00' LT.	1040007.36	492359.23
71	32+04.88	30.00' LT.	1040115.59	492452.83
72	32+23.64	49.03' LT.	1040118.09	492479.58
CONTROL POINTS FOR ISL02				
74	32+54.16	45.00' LT.	1040144.62	492495.97
75	32+54.17	35.00' LT.	1040150.91	492488.20
76	32+60.11	35.00' LT.	1040155.57	492491.98
77	32+60.08	45.00' LT.	1040149.28	492499.75

POINT	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ML07				
84	33+57.16	24.00' LT.	1040239.42	492543.60
81	33+14.15	24.00' LT.	1040205.12	492517.19
78	32+89.66	49.25' LT.	1040170.06	492521.76
79	32+94.52	54.31' LT.	1040170.80	492528.79
80	33+09.98	54.52' LT.	1040183.01	492538.65
82	33+15.00	49.61' LT.	1040190.05	492537.91
83	33+15.36	30.00' LT.	1040202.39	492522.67
85	33+57.17	30.00' LT.	1040235.80	492548.39

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

GEOMETRIC - STRIPING PLANS

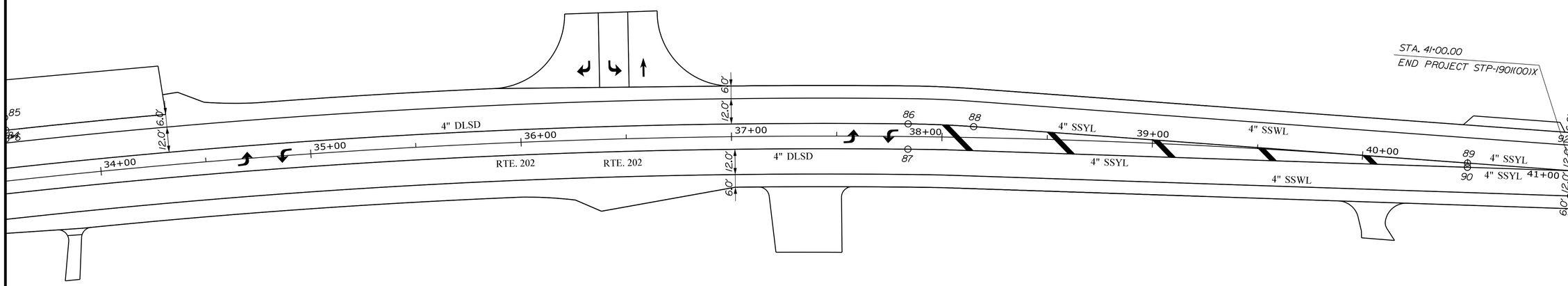
SHEET NUMBER
10
OF 47

Filename: ...\010_Geometry - Striping Plan 02.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

LEGEND
4" SSWL: 4" SINGLE SOLID WHITE LINE
4" SSYL: 4" SINGLE SOLID YELLOW LINE
8" SSYL: 8" SINGLE SOLID YELLOW LINE
4" DLSD: 4" BROKEN AND 4" SOLID YELLOW LINE
STA. 1+00.00 – STA. 5+55.72 : MEADOW HILL RD.
STA. 10+00.00 – STA. 12+56.27 : WEST MAIN ST.
STA. 20+00.00 – STA. 41+00.00 : RTE. 202

POINT	STATION	OFFSET
47	27+50.00	6.00' LT.
48	10+00.00	12.00' LT.
49	10+00.00	12.00' RT.
50	28+79.95	6.00' LT.
51	28+80.08	6.00' RT.
86	37+83.85	6.00' LT.
87	37+83.86	6.00' RT.
88	38+14.95	5.17' LT.
89	40+50.00	0.04' LT.
90	40+50.09	1.96' RT.
91	41+00.09	
92	41+00.09	12.00' LT.
93	41+00.09	12.00' RT.

POINT TO POINT	TYPE
3 - 93	4" SSWL
48 - 37 - 39 - 41 - 45 - 92	4" SSWL
43 - 47 - 50	4" SSYL
50 - 86	4" DLSD
86 - 88 - 89 - 91	4" SSYL
44 - 51	4" SSYL
51 - 87	4" DLSD
87 - 90 - 91	4" SSYL



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----		-----
REVISIONS 2	-----		-----
REVISIONS 3	-----		-----
REVISIONS 4	-----		-----
FIELD CHANGES	-----		-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

GEOMETRIC - STRIPING PLANS

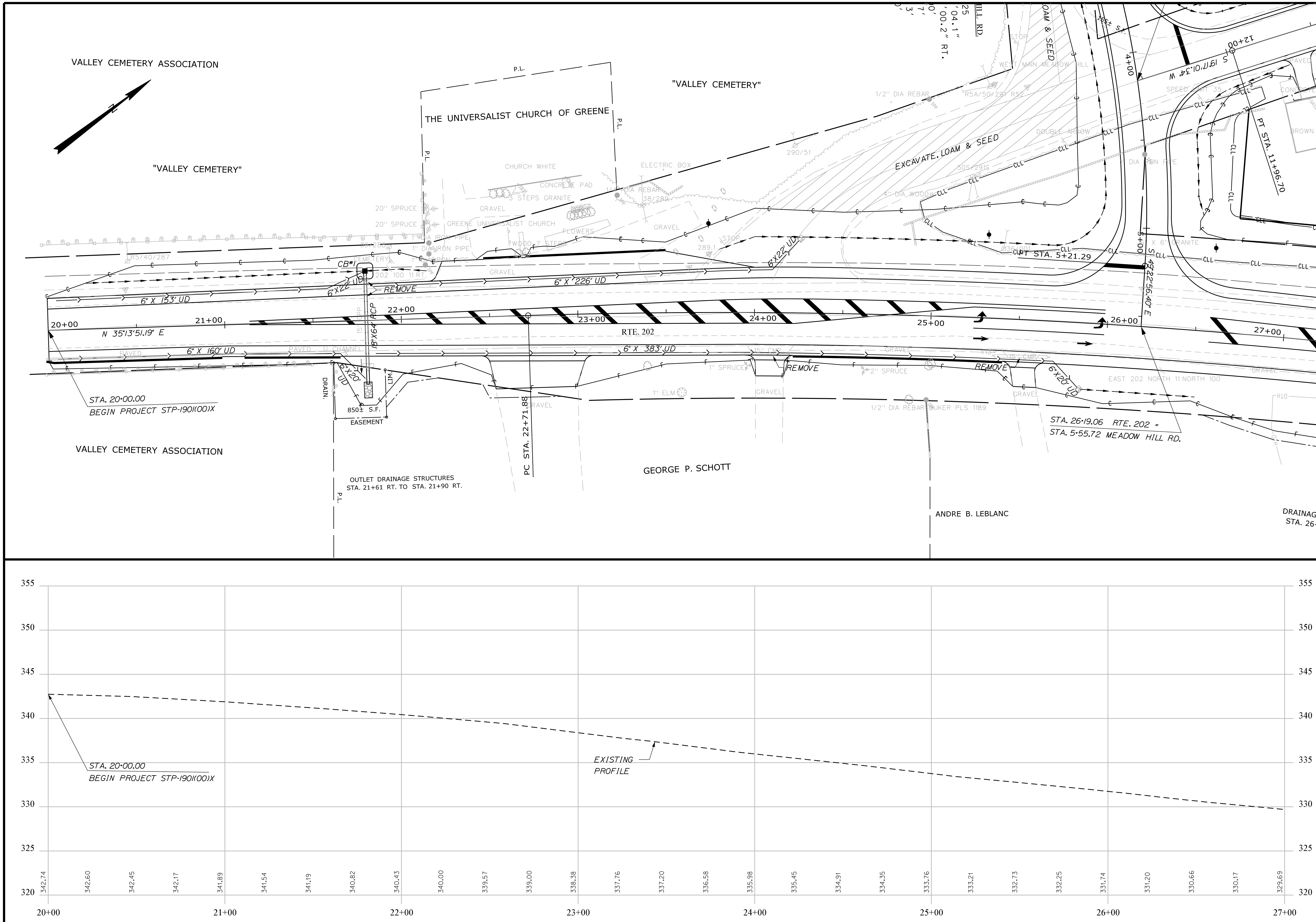
SHEET NUMBER

11

OF 47

Filename: ...\011_Geometry - Striping Plan 03.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

Filename: ...\HIGHWAY\MSTA\012_HDPLAN 01.DGN Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

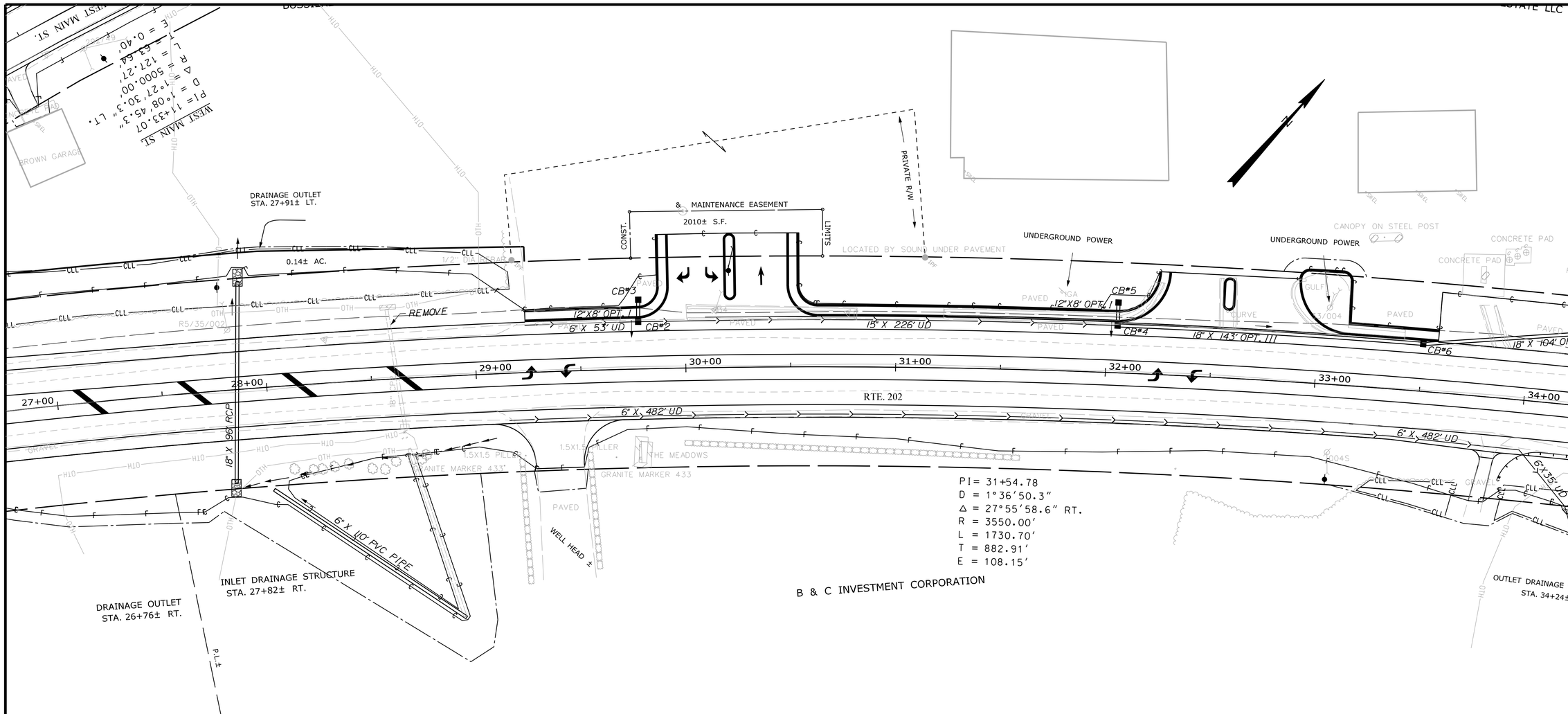
HIGHWAY PLANS

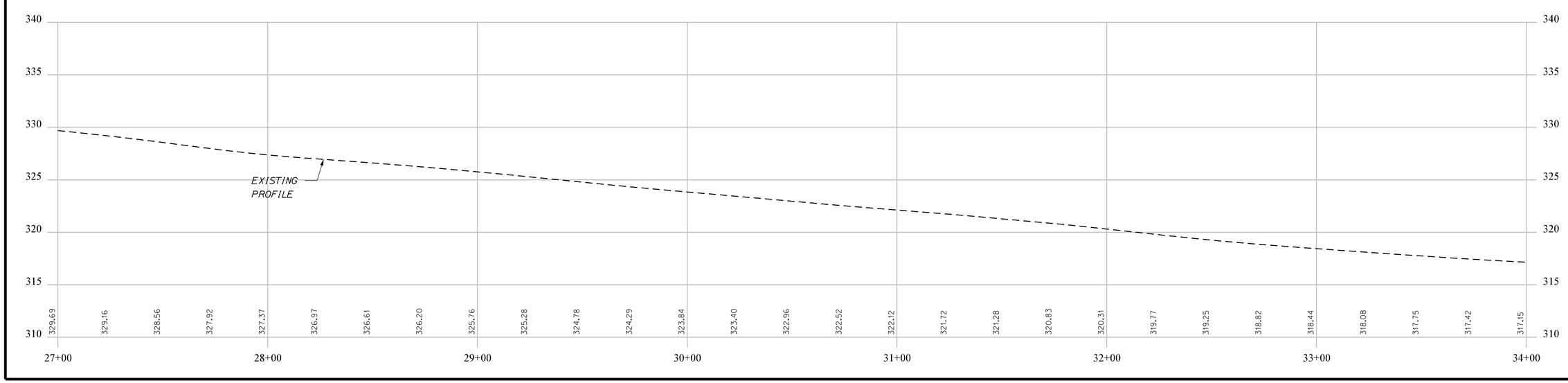
		BY	DATE	SIGNATURE
PROJ. MANAGER	RHOBE MOULTON			
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016	P.E. NUMBER
CHECKED-REVIEWED				
DESIGN2-DETAILED2				DATE
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

GREENE
ROUTE 202

PLANS

SHEET NUMBER
12
OF 47





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON				
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016	
CHECKED-REVIEWED	------	------	------	
DESIGN2-DETAILED2	------	------	------	
DESIGN3-DETAILED3	------	------	------	
REVISIONS 1	------	------	------	
REVISIONS 2	------	------	------	
REVISIONS 3	------	------	------	
REVISIONS 4	------	------	------	
FIELD CHANGES	------	------	------	

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

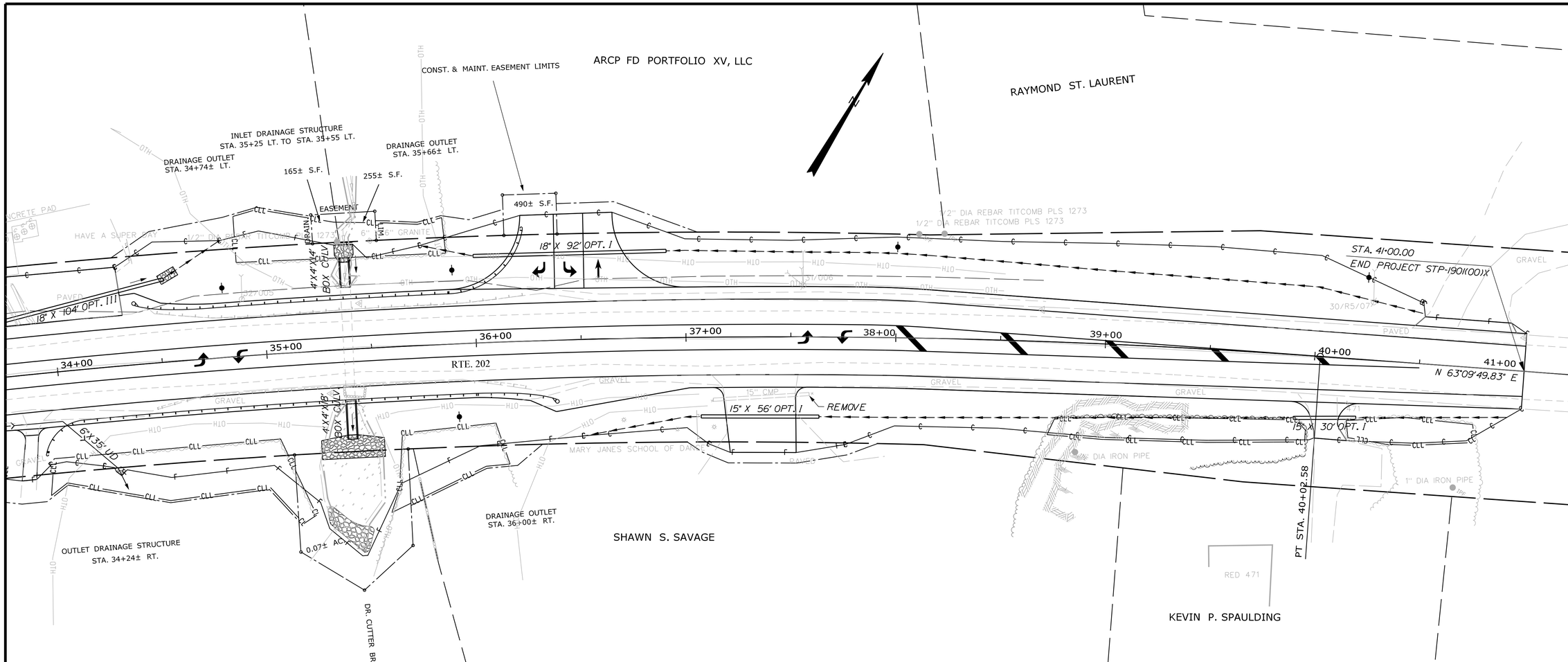
PLANS

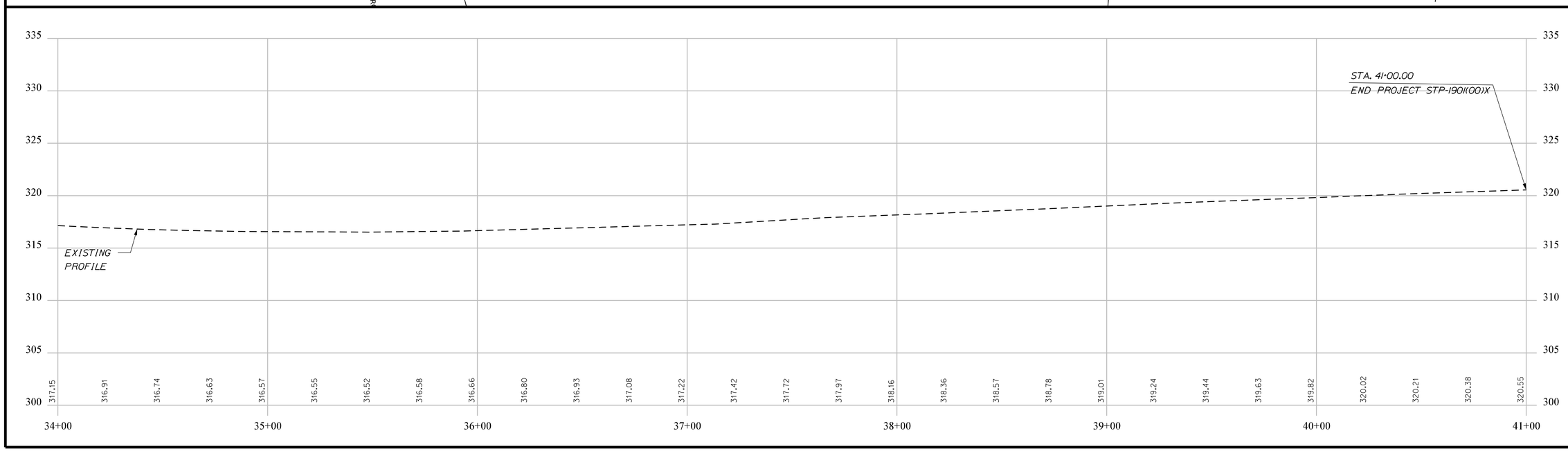
SHEET NUMBER

13

OF 47

Filename: ...\HIGHWAY\MSTA\013_HDPLAN 02.DGN Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	BT TRAN	MAR 2016
CHECKED-REVIEWED	C. HELMICK	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

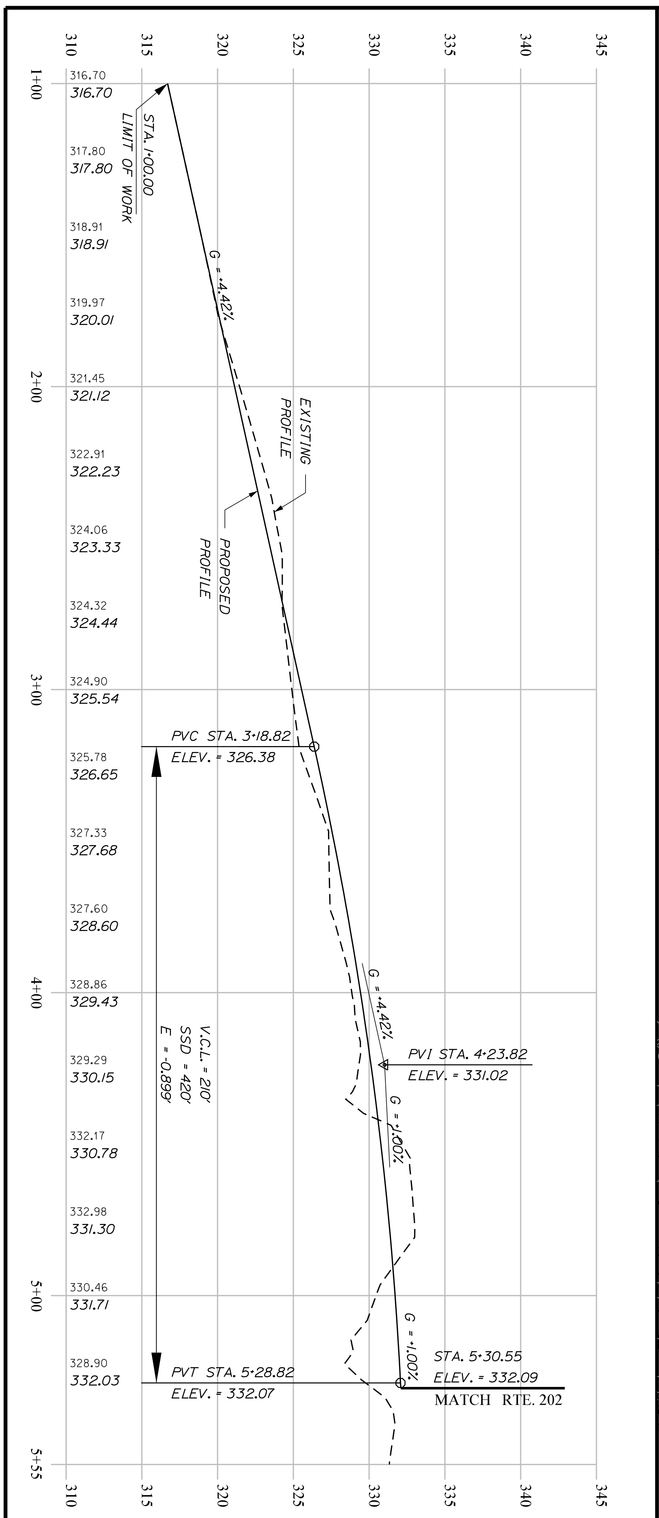
PLANS

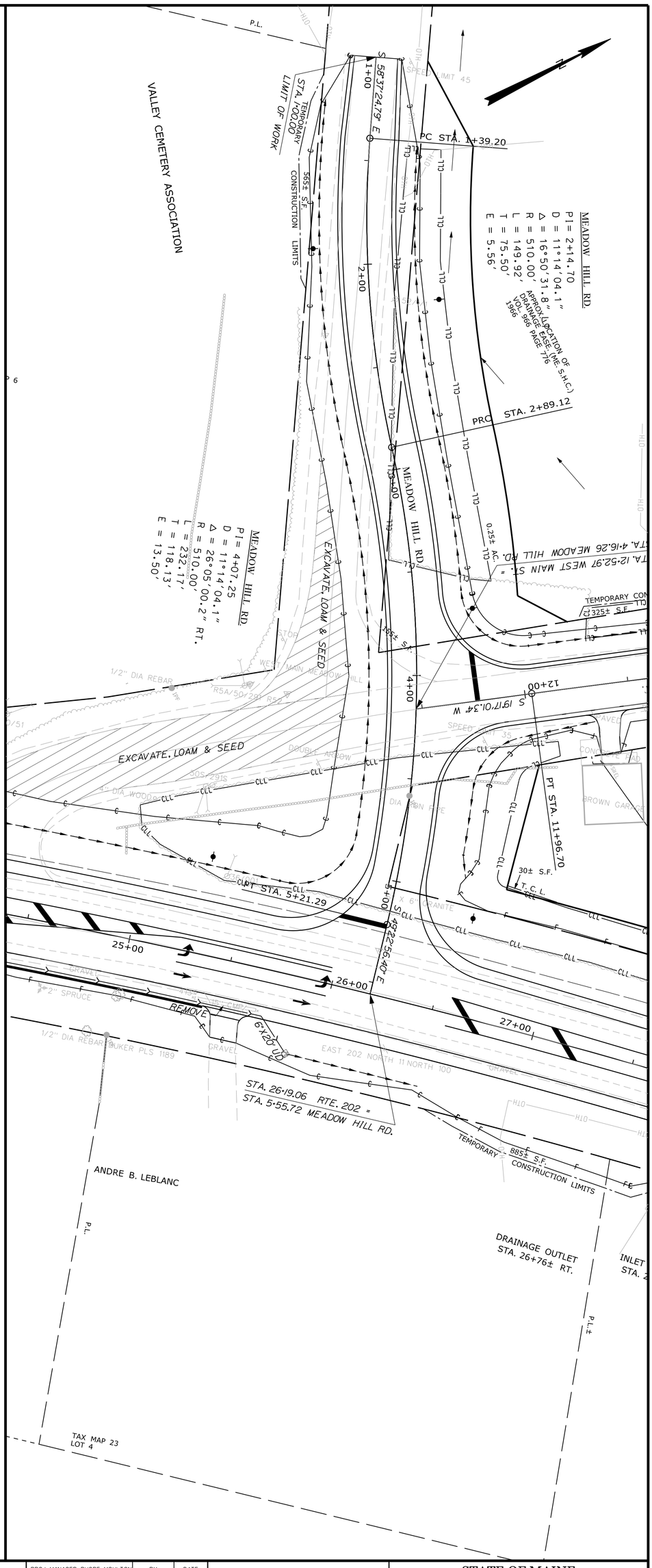
SHEET NUMBER

14

OF 47

Filename: ...\HIGHWAY\MSTA\014_HDPLAN 03.DGN Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016





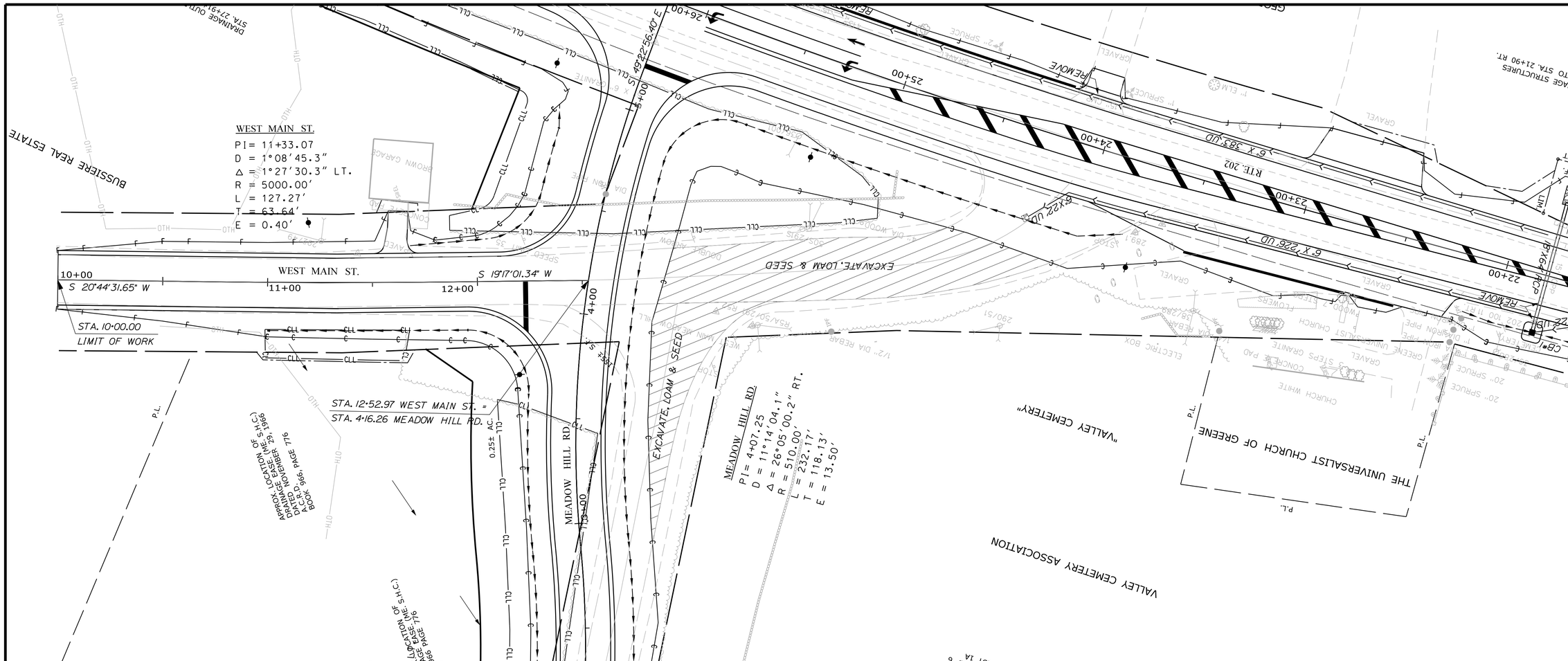
SHEET NUMBER 15 OF 47	GREENE ROUTE 202	PROJ. MANAGER RHOBE MOULTON	BY / DATE
		DESIGN-DETAILED: C. HELMICK	BT TRAN / MAR 2016
		CHECKED-REVIEWED	SIGNATURE
		DESIGN2-DETAILED2	
		DESIGN3-DETAILED3	P.E. NUMBER
	PLANS	REVISIONS 1	
		REVISIONS 2	
		REVISIONS 3	DATE
		REVISIONS 4	
		FIELD CHANGES	

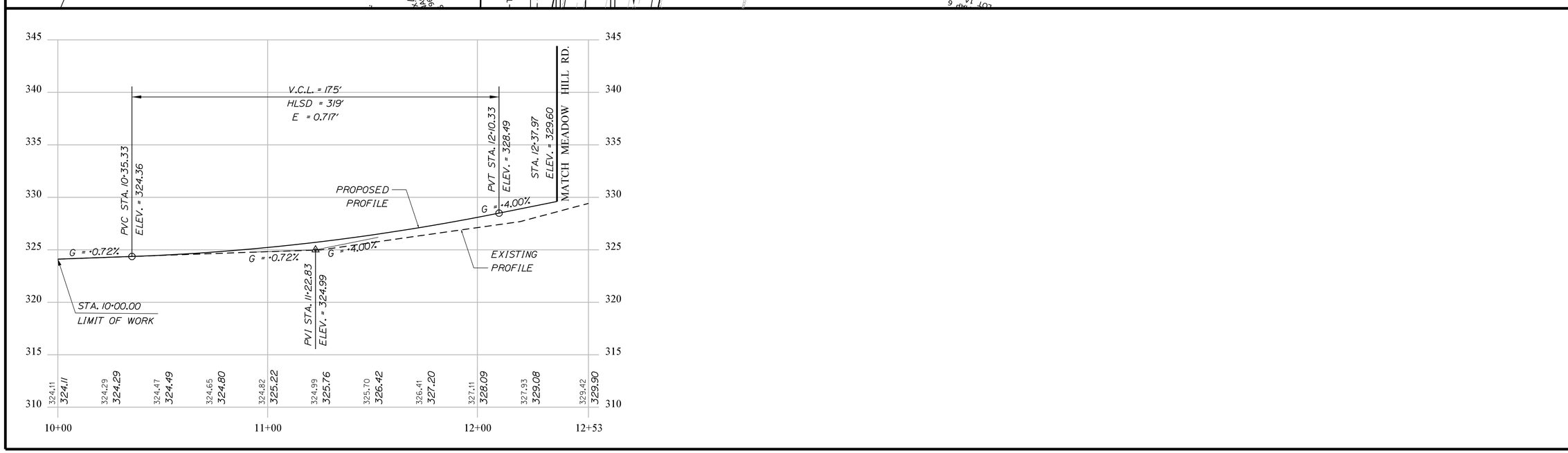
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON			
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

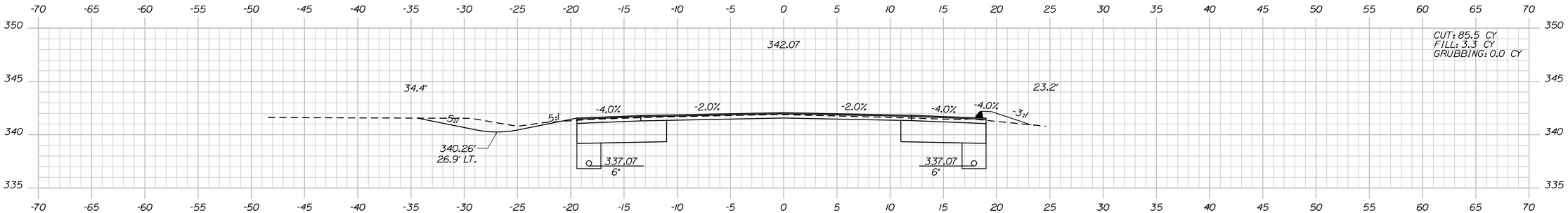
PLANS

SHEET NUMBER

16

OF 47

Filename: ...\HIGHWAY\MSTA\016_HDPLAN 05.DGN Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



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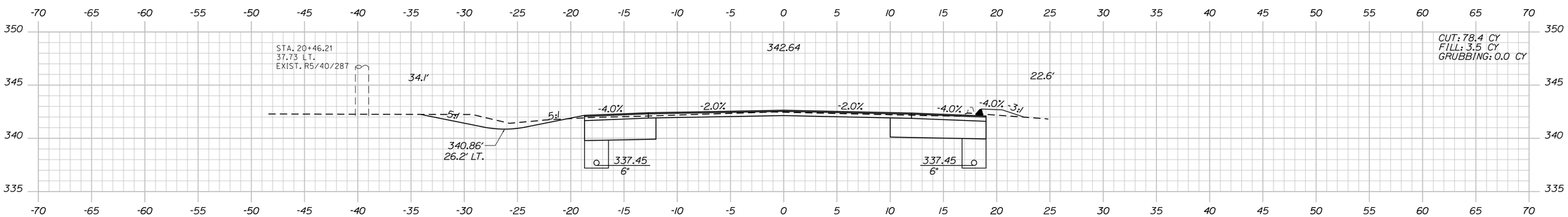
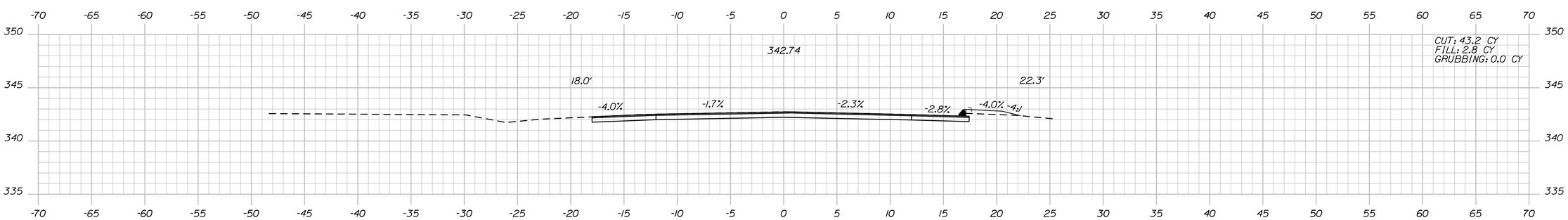


STA. 20+05.00, 16.8' LT.
TO STA. 21+58.40, 19.1' LT.
INSTALL 6" x 153' UD TYPE B

20+50.00

STA. 20+05.00, 17.9' RT.
TO STA. 21+65.00, 19.4' RT.
INSTALL 6" x 160' UD TYPE B



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STA. 20+00.00
BEGIN PROJECT STP-1901(000)X
MATCH EXISTING

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

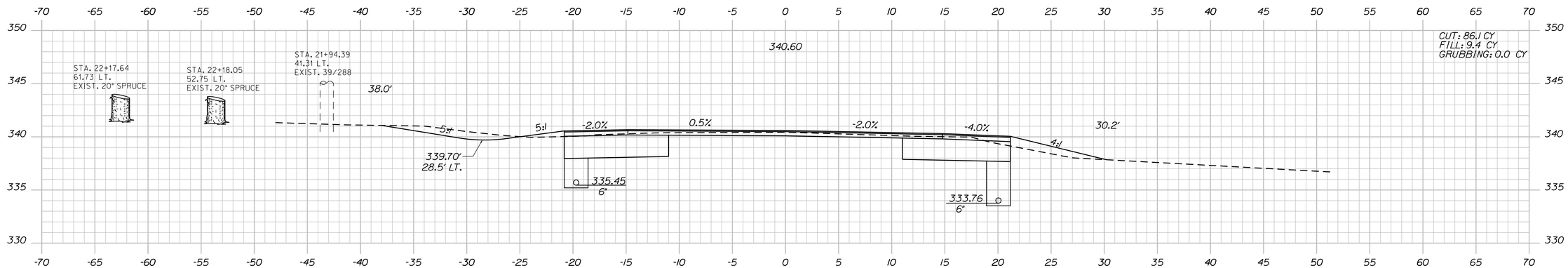
CROSS SECTIONS

SHEET NUMBER

17

OF 47

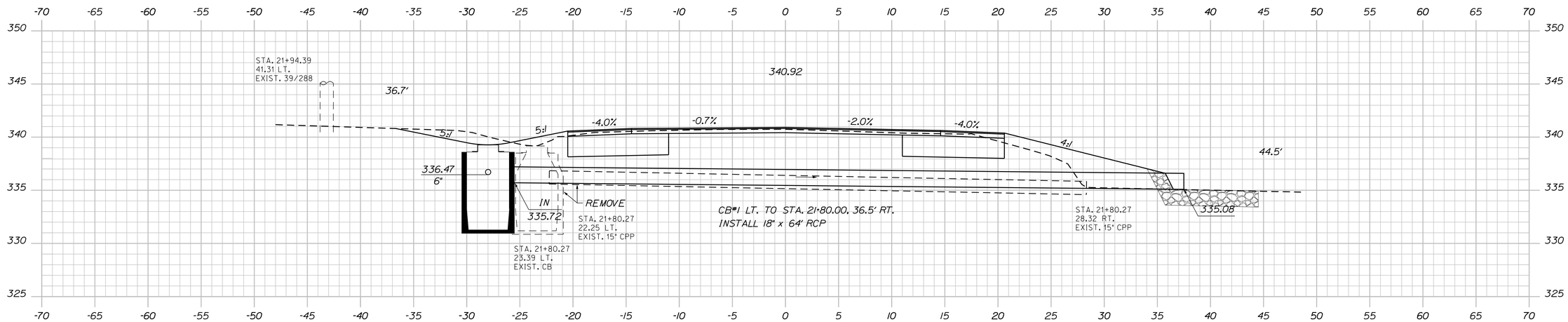
Filename: ...\MSTA\017_XSECT_20+00_001.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



STA. 21+85.00, 19.5' LT.
TO STA. 24+10.00, 24.7' LT.
INSTALL 6" x 226' UD TYPE B

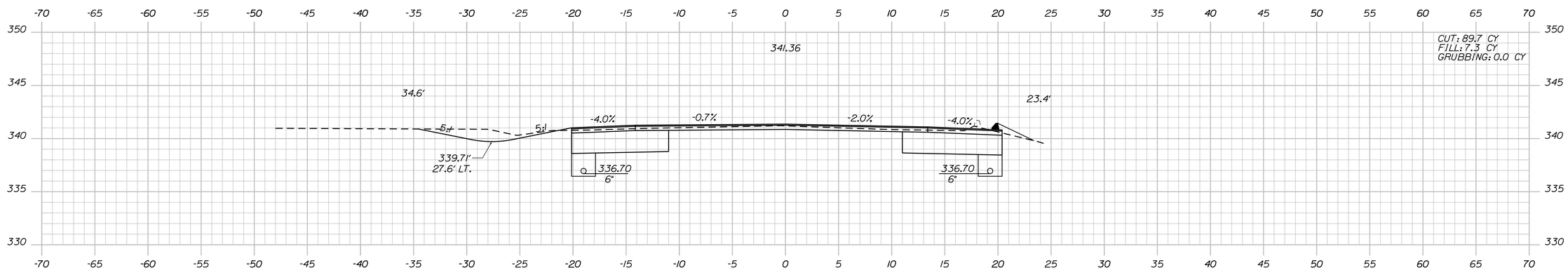
22+00.00

STA. 21+85.00, 19.2' RT.
TO STA. 25+70.30, 22.9' RT.
INSTALL 6" x 383' UD TYPE B



(CB#1) STA. 21+80.00, 28.0' LT.
CONSTRUCT CB TYPE BI-C (FLAT TOP)
GRATE ELEV. = 339.27

21+80.00



STA. 21+58.40, 19.1' LT. TO CB#1
INSTALL 6" x 22' UD TYPE B

21+50.00

STA. 21+65.00, 19.4' RT.
TO STA. 21+78.70, 32.8' RT.
INSTALL 6" x 20' UD OUTLET

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

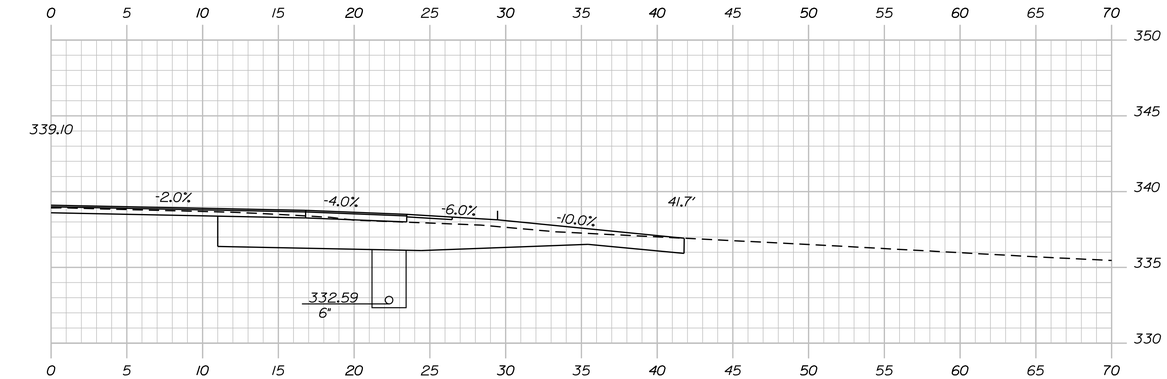
CROSS SECTIONS

SHEET NUMBER

18

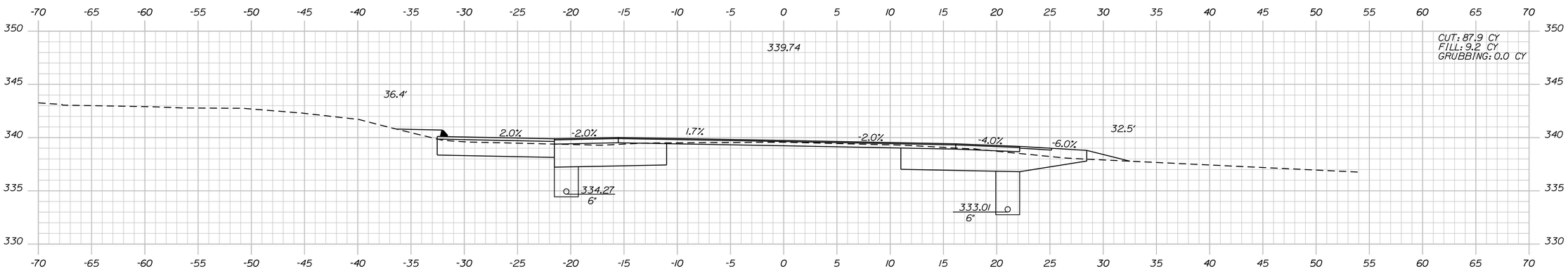
OF 47

Filename: ...\MSTA\018_XSECT_21+50_002.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



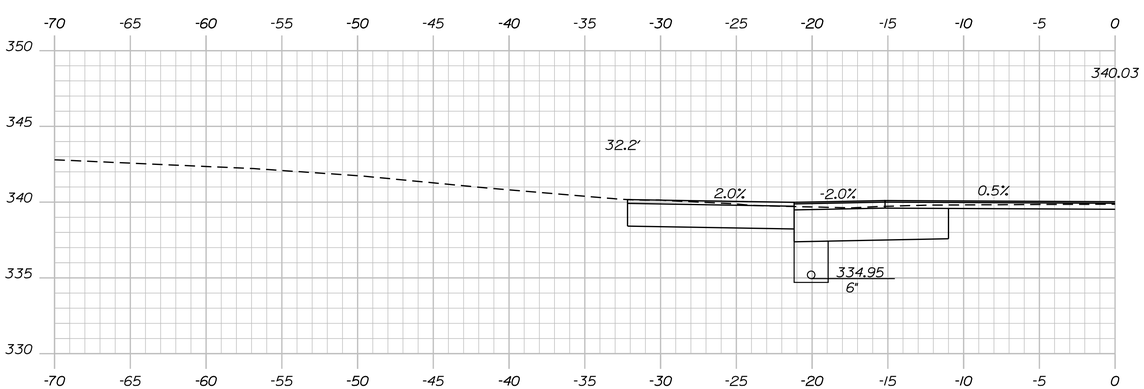
22+78.00

STA. 22+78.00 RT.
CONSTRUCT GRAVEL DR.



STA. 22+47.42 TO STA. 24+00.00 LT.
CONSTRUCT PAVED YARD

22+50.00



STA. 22+33.00 LT.
CONSTRUCT PAVED DR.

22+33.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHODE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------		
REVISIONS 2	------		
REVISIONS 3	------		
REVISIONS 4	------		
FIELD CHANGES	------		

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

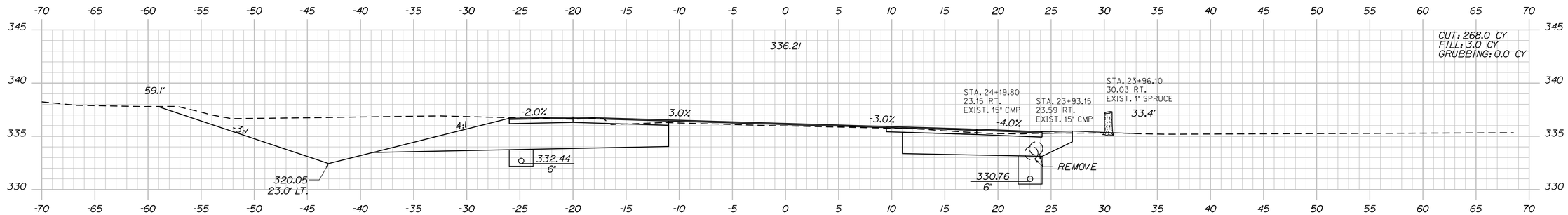
CROSS SECTIONS

SHEET NUMBER

19

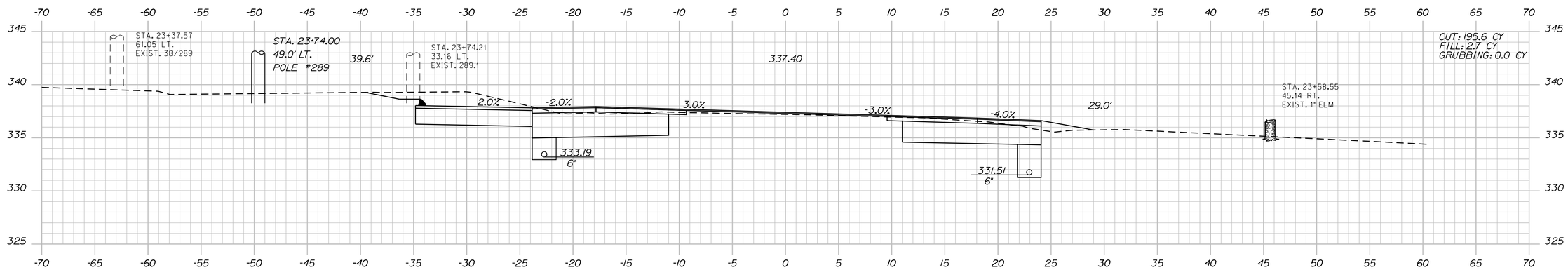
OF 47

Filename: ...\MSTA\019_XSECT_22+33_003.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

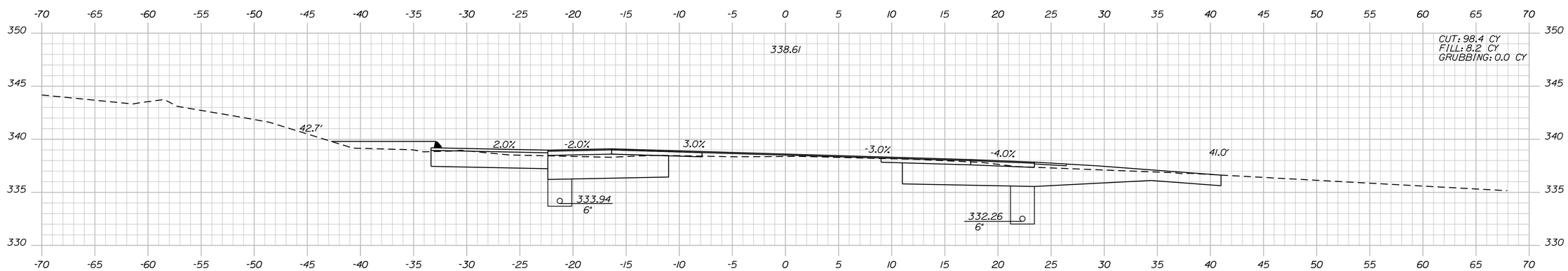


STA. 24+10.00, 24.7' LT.
TO STA. 24+24.80, 39.9' LT.
INSTALL 6" x 22' UD OUTLET

24+00.00



23+50.00



23+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHODE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

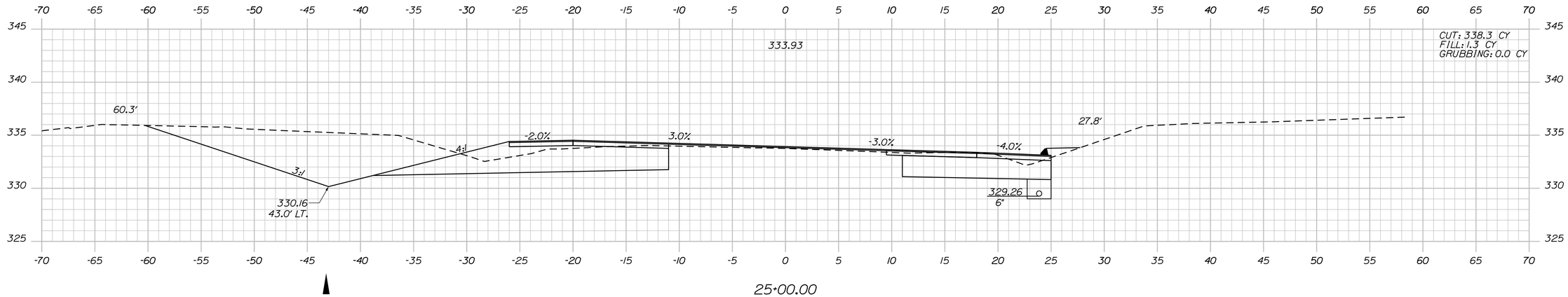
DATE

GREENE
ROUTE 202

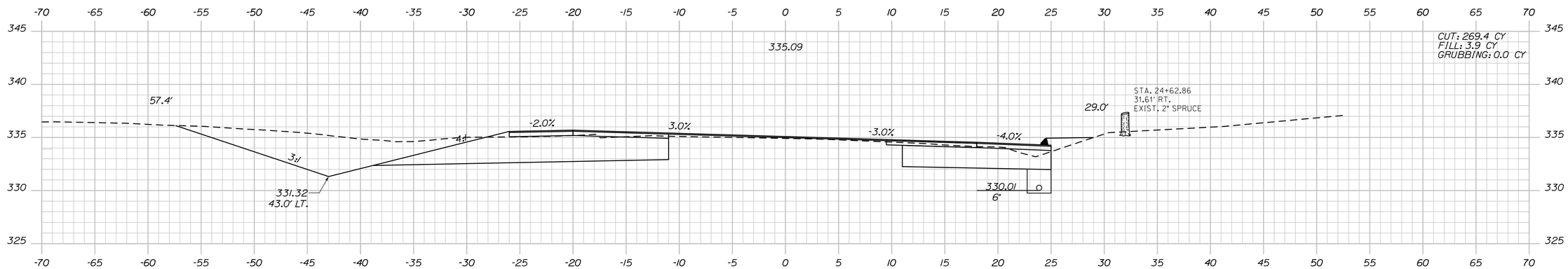
CROSS SECTIONS

SHEET NUMBER
20
OF 47

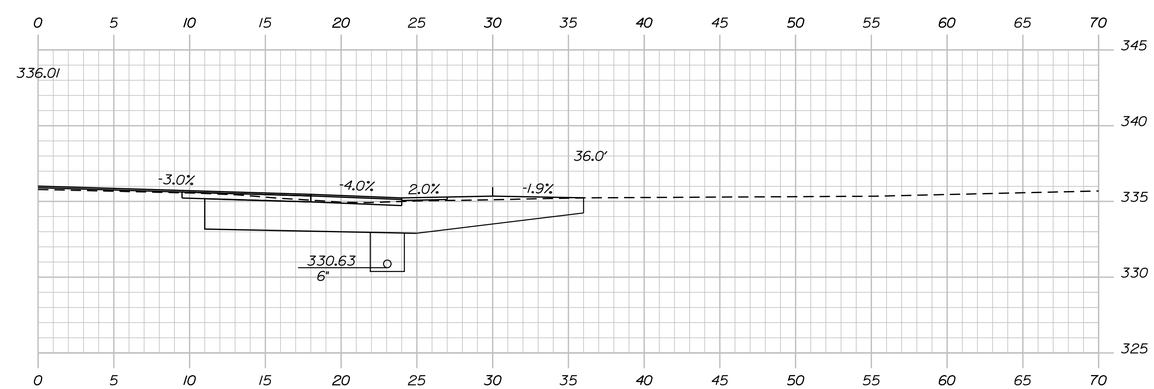
Filename: ...\MSTA\020_XSECT_23+00_004.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



25+00.00



24+50.00



24+09.00

STA. 24+09.00 RT.
CONSTRUCT GRAVEL DR.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

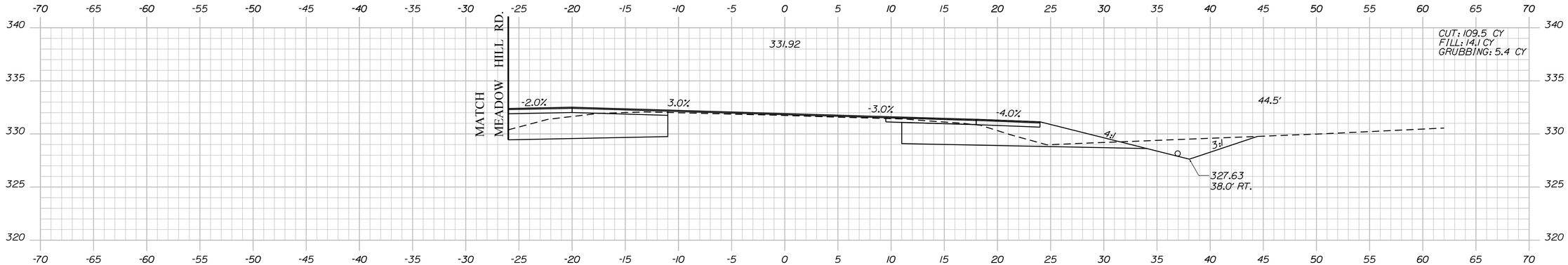
CROSS SECTIONS

SHEET NUMBER

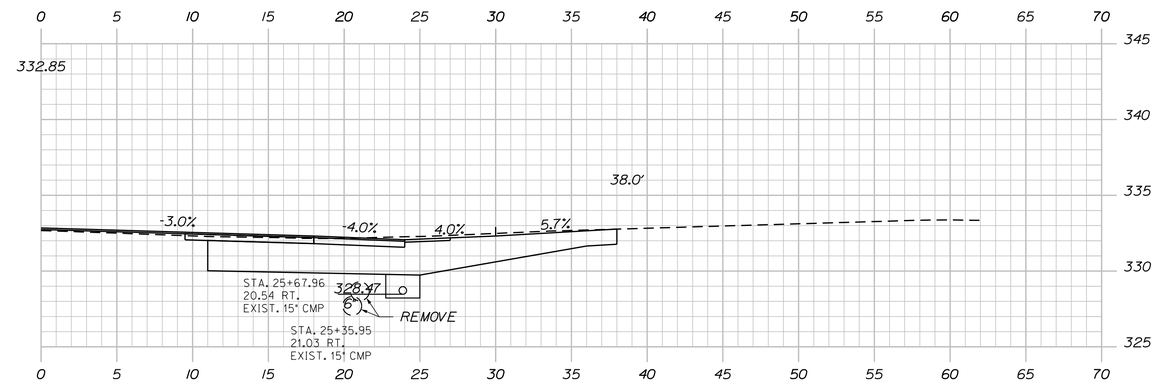
21

OF 47

Filename: ...\MSTA\021_XSECT_24+09_005.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

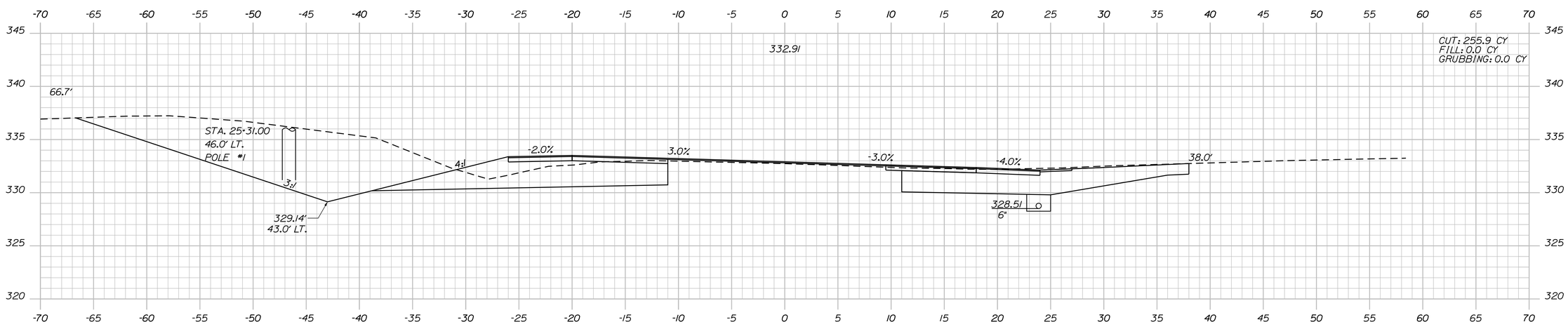


26+00.00



25+53.00

STA. 25+53.00 RT.
CONSTRUCT GRAVEL DR.



25+50.00

STA. 25+70.30, 22.9' RT.
TO STA. 25+84.70, 36.5' RT.
INSTALL 6" x 20' UD OUTLET

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	----	----	----
DESIGN2-DETAILED2	----	----	----
DESIGN3-DETAILED3	----	----	----
REVISIONS 1	----	----	----
REVISIONS 2	----	----	----
REVISIONS 3	----	----	----
REVISIONS 4	----	----	----
FIELD CHANGES	----	----	----

SIGNATURE

P.E. NUMBER

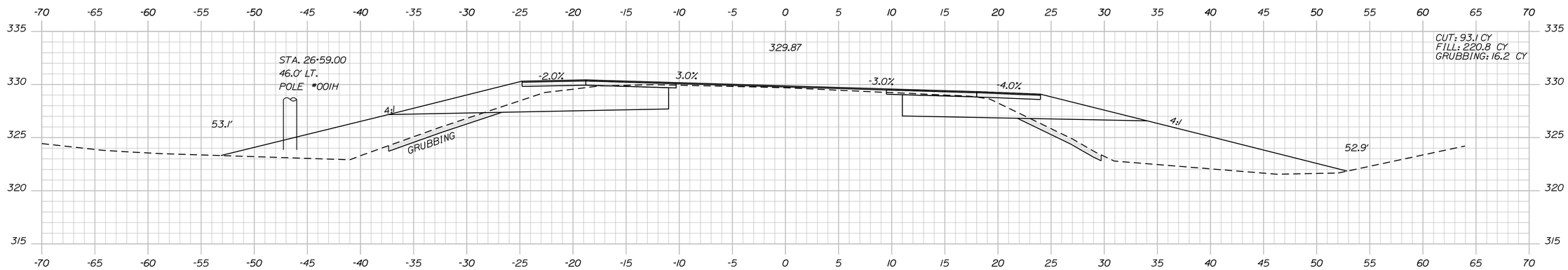
DATE

GREENE
ROUTE 202

CROSS SECTIONS

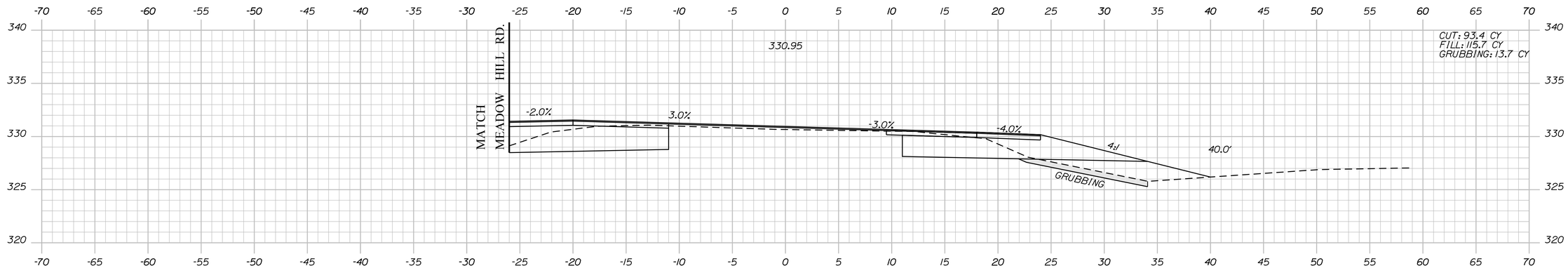
SHEET NUMBER
22
OF 47

Filename: ...\MSTA\022_XSECT_25+00_006.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



STA. 26+75.00 TO STA. 29+25.00 LT.
GRUBBING IN FILL

27+00.00



26+50.00

STA. 26+25.00 TO STA. 28+75.00 RT.
GRUBBING IN FILL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
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REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

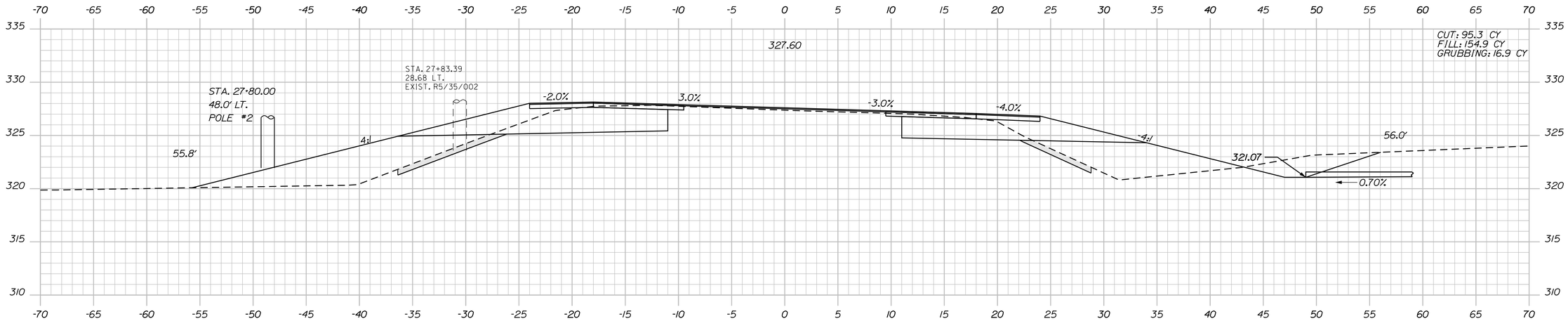
DATE

GREENE
ROUTE 202

CROSS SECTIONS

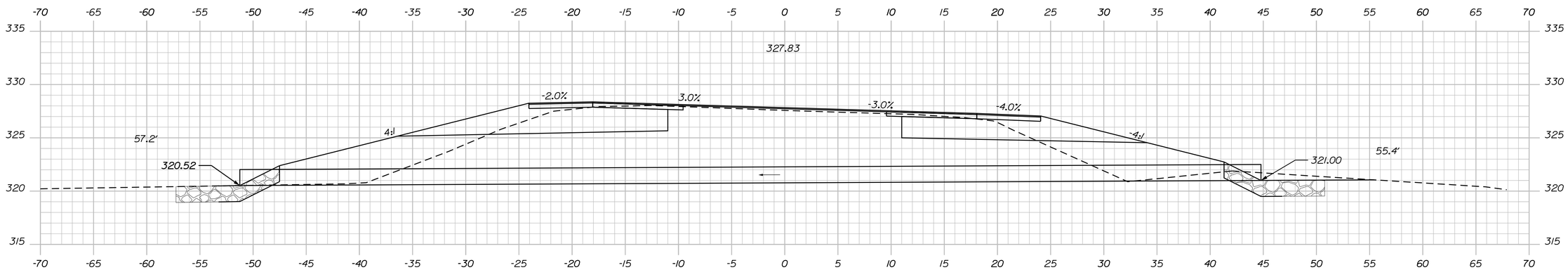
SHEET NUMBER
25
OF 47

Filename: ...\MSTA\023_XSECT_26+19_007.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



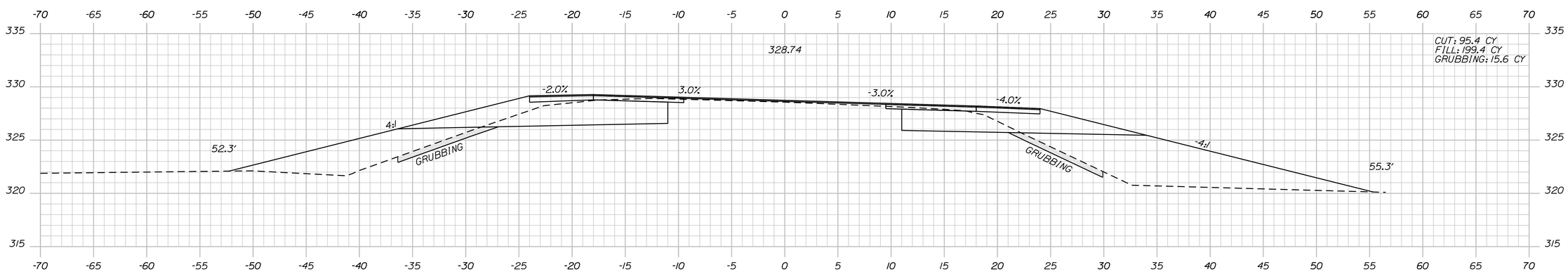
28+00.00

STA. 28+00.00, 49.0' RT.
TO STA. 28+89.85, 115.3' RT.
INSTALL 6" X 110' PVC PIPE



27+90.00 (SKEWED)

STA. 27+82.08, 44.7' RT.
TO STA. 27+89.94, 51.2' LT.
INSTALL 18" x 96' RCP



27+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

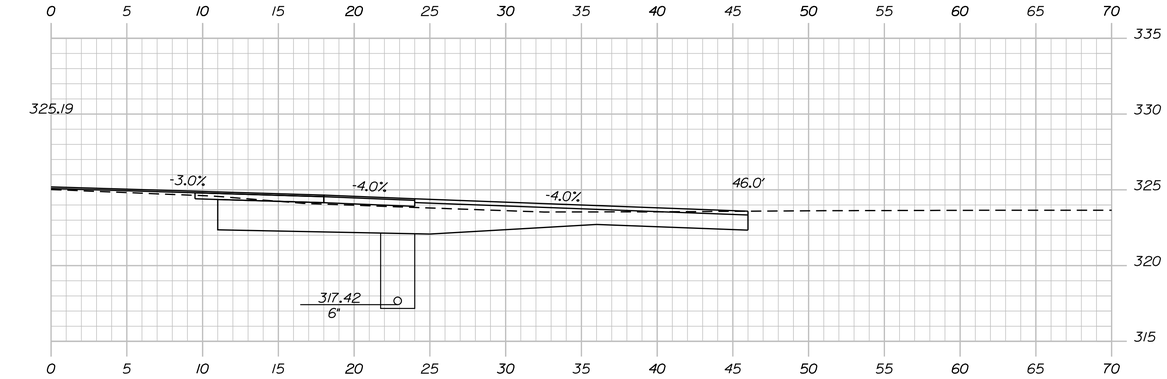
DATE

GREENE
ROUTE 202

CROSS SECTIONS

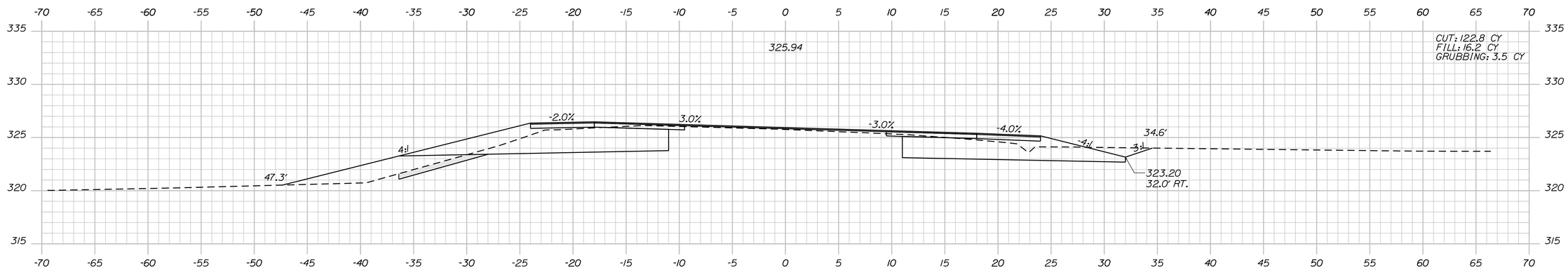
SHEET NUMBER
23
OF 47

Filename: ...\MSTA\024_XSECT_27+50_008.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



29+38.00

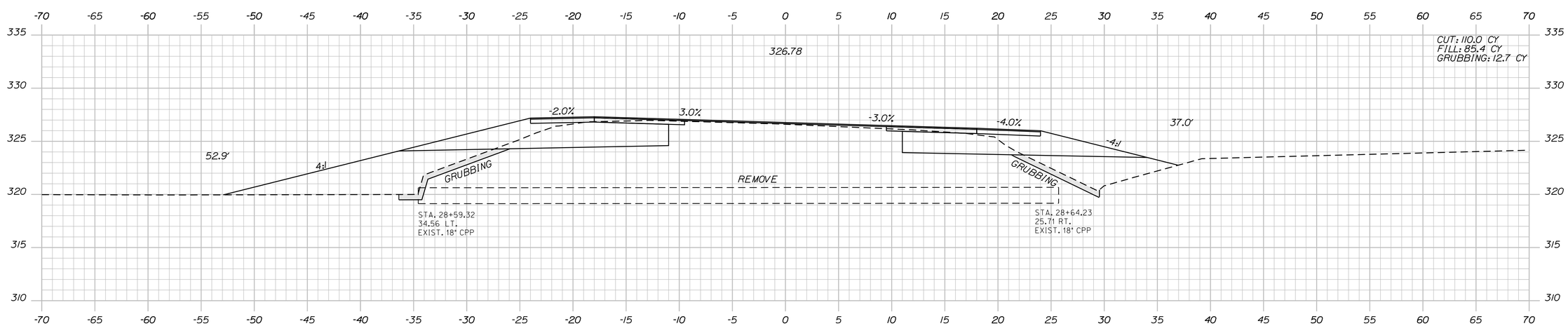
STA. 29+38.00 RT.
CONSTRUCT PAVED ENT.



STA. 29+25.00, 22.9' LT. TO CB#2 LT.
INSTALL 6" x 53' UD TYPE B

29+00.00

STA. 29+15.00, 22.9' RT.
TO STA. 34+00.00, 24.9' RT.
INSTALL 6" x 482' UD TYPE B



28+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON			
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016	
CHECKED-REVIEWED	-----	-----	-----	
DESIGN2-DETAILED2	-----	-----	-----	
DESIGN3-DETAILED3	-----	-----	-----	
REVISIONS 1	-----			
REVISIONS 2	-----			
REVISIONS 3	-----			
REVISIONS 4	-----			
FIELD CHANGES	-----			

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

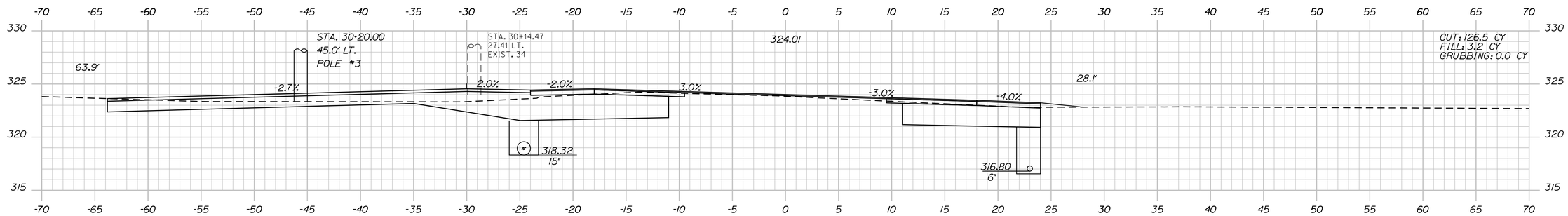
CROSS SECTIONS

SHEET NUMBER

24

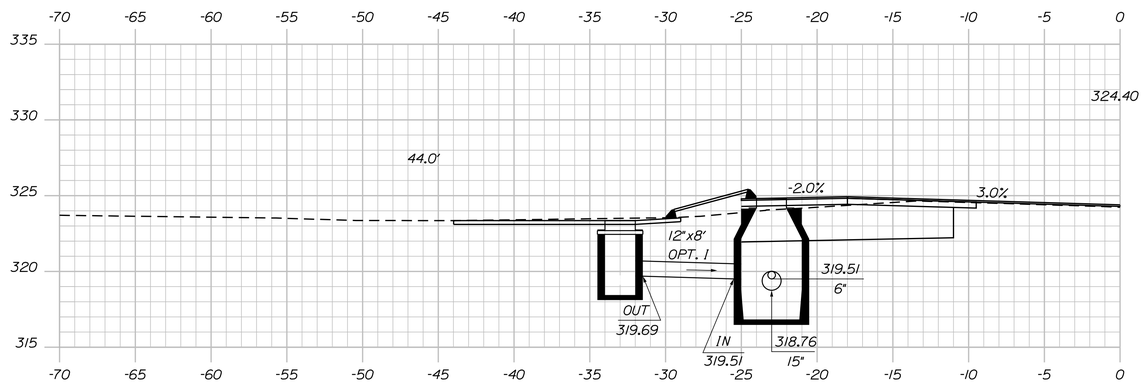
OF 47

Filename: ...\MSTA\025_XSECT_28+50_009.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



STA. 30+00.00 LT.
CONSTRUCT PAVED ENT.

30+00.00



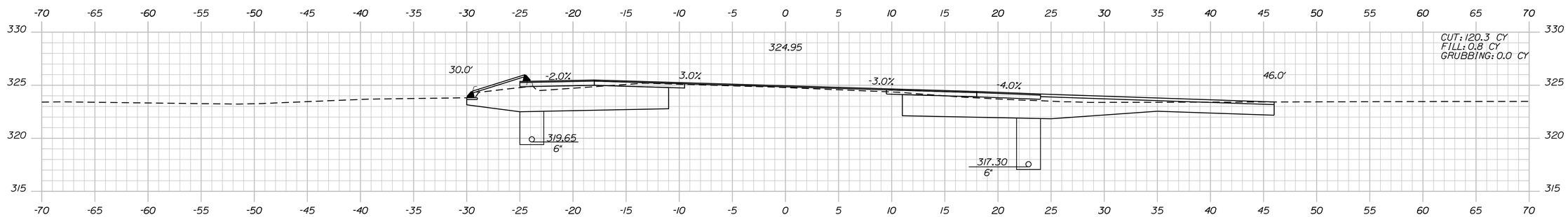
(CB#3) STA. 29+78.00, 33.0' LT.
CONSTRUCT CB TYPE F4-C
GRATE ELV. = 323.36

(CB#2) STA. 29+78.00, 23.0' LT.
CONSTRUCT CB TYPE BI-C
GRATE ELV. = 324.82

CB#3 LT. TO CB#2 LT.
INSTALL 12" x 8' CULV. PIPE OPT. 1

CB#2 TO CB#4 LT.
INSTALL 15" x 226' UD TYPE C

29+78.00



29+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

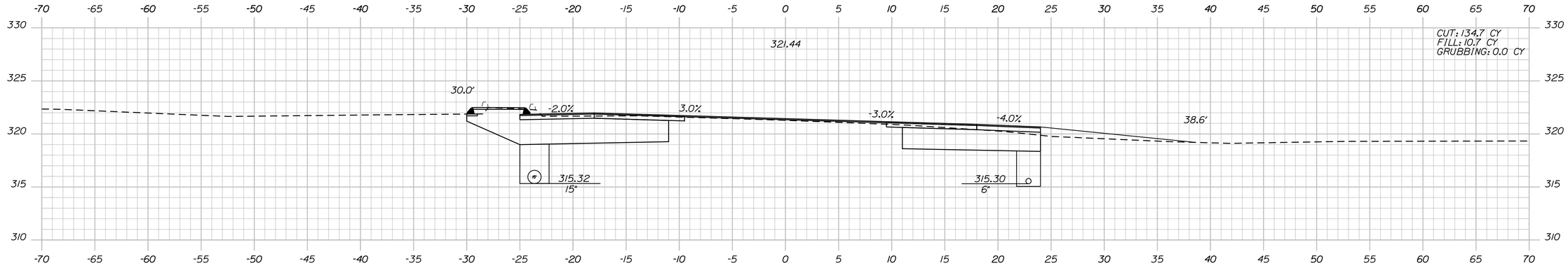
CROSS SECTIONS

SHEET NUMBER

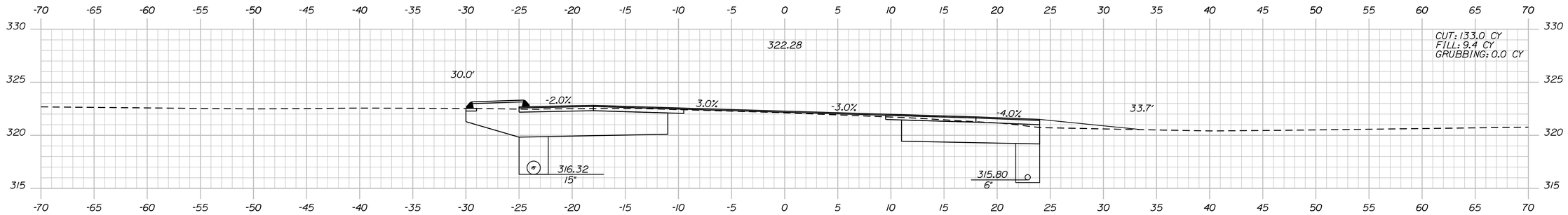
26

OF 47

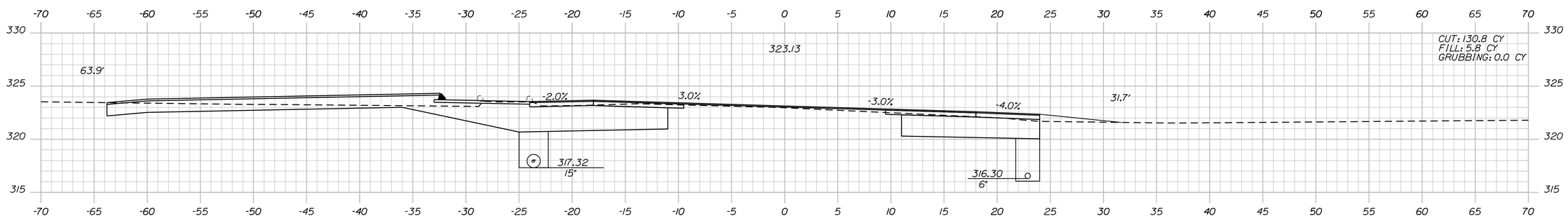
Filename: ...\MSTA\026_XSECT_29+50_010.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



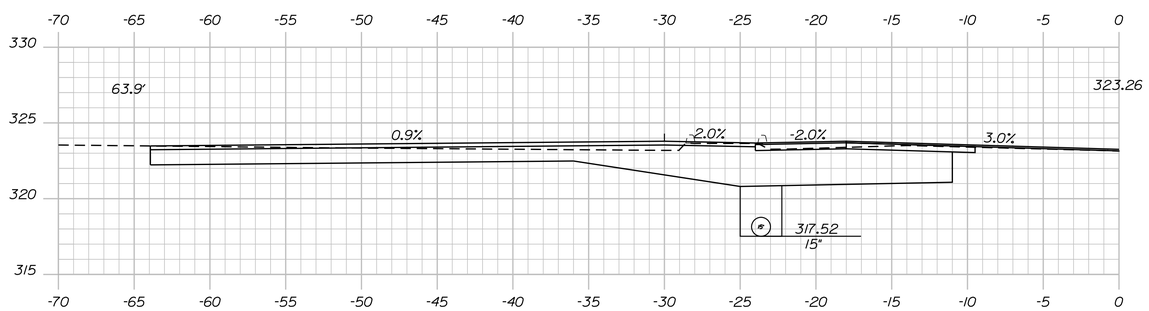
31+50.00



31+00.00



30+50.00



STA. 30+40.00 LT.
CONSTRUCT PAVED ENT.

30+40.00

Filename: ...\MSTA\027_XSECT_30+83_011.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

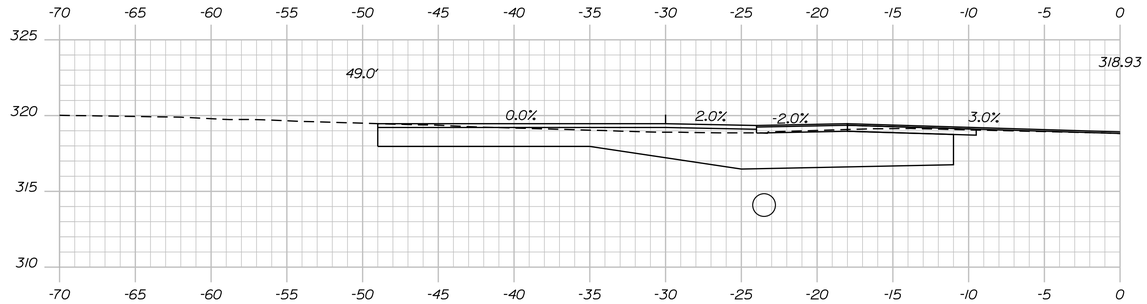
GREENE
ROUTE 202

CROSS SECTIONS

SHEET NUMBER

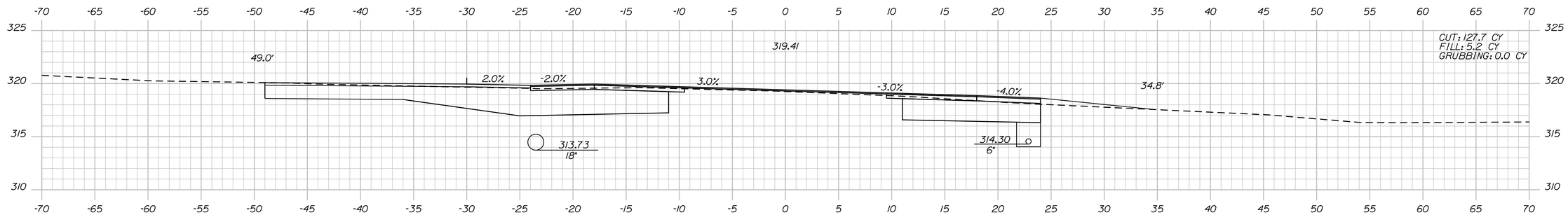
27

OF 47



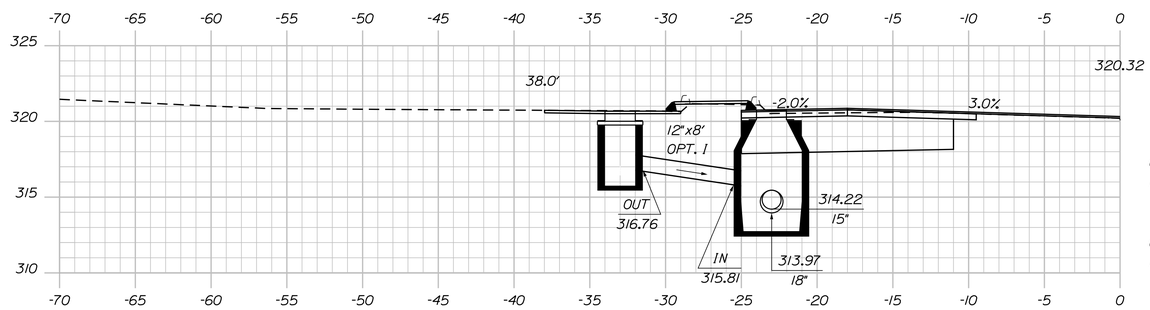
STA. 32+75.00 LT.
CONSTRUCT PAVED ENT.

32+75.00



STA. 32+50.00 LT.
CONSTRUCT PAVED ENT.

32+50.00



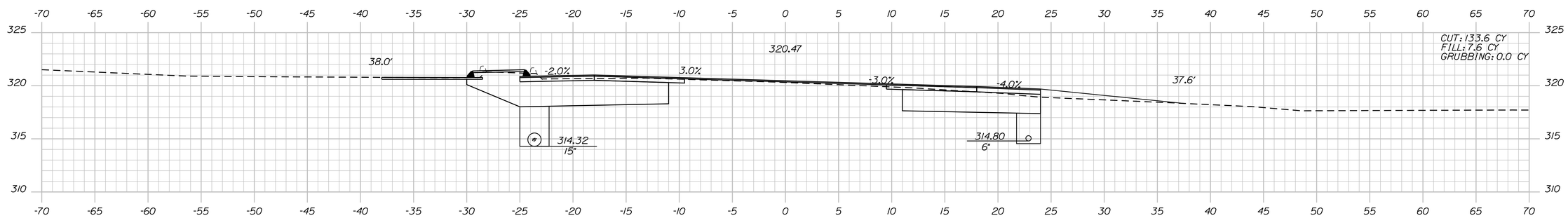
CB#5 LT. TO CB#4 LT.
INSTALL 12" x 8' CULV. PIPE OPT. I

CB#4 LT. TO CB#6 LT.
INSTALL 18" x 143' CULV. PIPE OPT. III

(CB#5) STA. 32+05.00. 33.0' LT.
CONSTRUCT CB TYPE F4-C
GRATE ELV. = 320.67

(CB#4) STA. 32+05.00. 23.0' LT.
CONSTRUCT CB TYPE BI-C
GRATE ELV. = 320.74

32+05.00



32+00.00

HIGHWAY PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

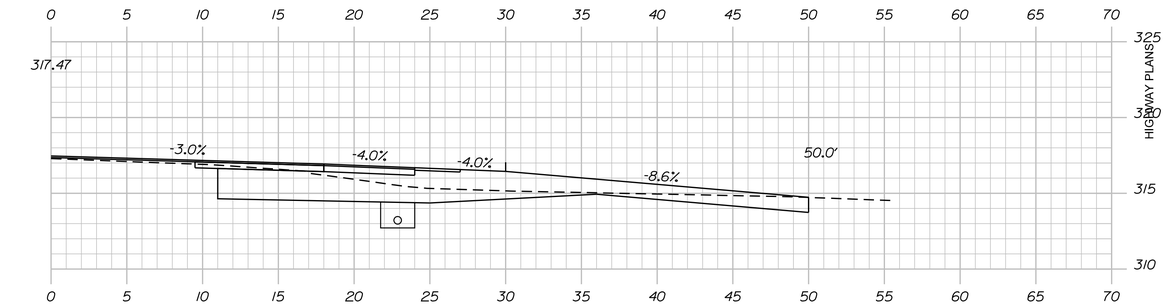
DATE

GREENE
ROUTE 202

CROSS SECTIONS

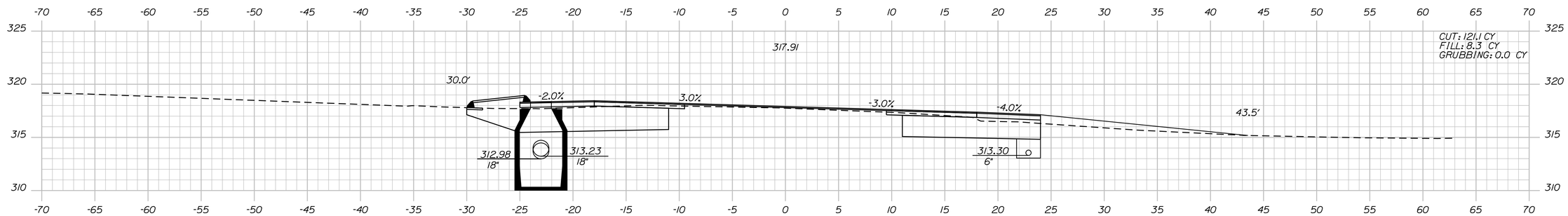
SHEET NUMBER
28
OF 47

Filename: ...\MSTA\028_XSECT_32+00_020.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



33+85.00

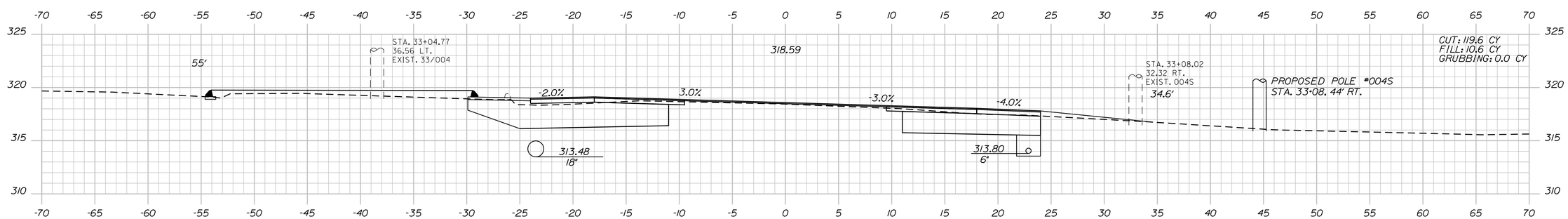
STA. 33+85.00 RT.
CONSTRUCT GRAVEL FIELD ENT.



CB*6 LT. TO STA. 34+53.80, 39.9' LT.
INSTALL 18" x 104' CULV. PIPE OPT. III

(CB*6) STA. 33+50.00, 23.0' LT.
CONSTRUCT CB TYPE BI-C
GRATE ELV. = 318.33

33+50.00



33+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

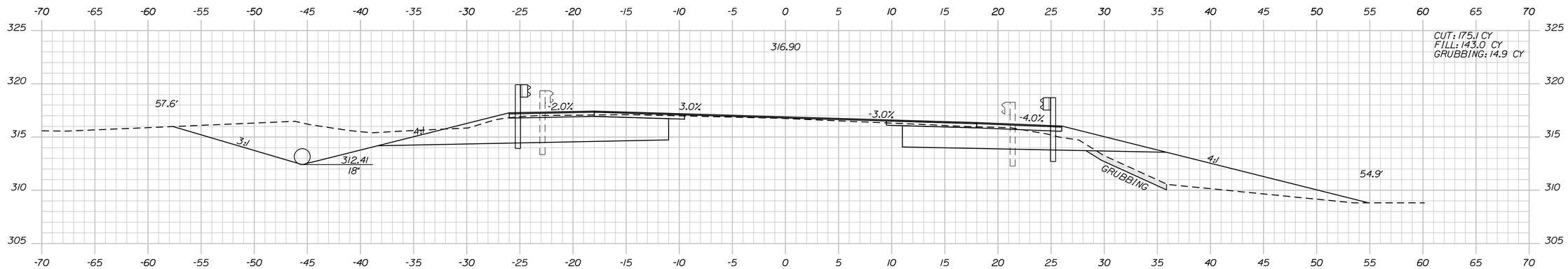
PROJ. MANAGER RHOBE MOULTON		BY	DATE	
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016	SIGNATURE
CHECKED-REVIEWED	-----	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----	P.E. NUMBER
DESIGN3-DETAILED3	-----	-----	-----	-----
REVISIONS 1	-----	-----	-----	DATE
REVISIONS 2	-----	-----	-----	-----
REVISIONS 3	-----	-----	-----	-----
REVISIONS 4	-----	-----	-----	-----
FIELD CHANGES	-----	-----	-----	-----

GREENE
ROUTE 202

CROSS SECTIONS

SHEET NUMBER
29
OF 47

Filename: ...\MSTA\029_XSECT_33+00_021.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



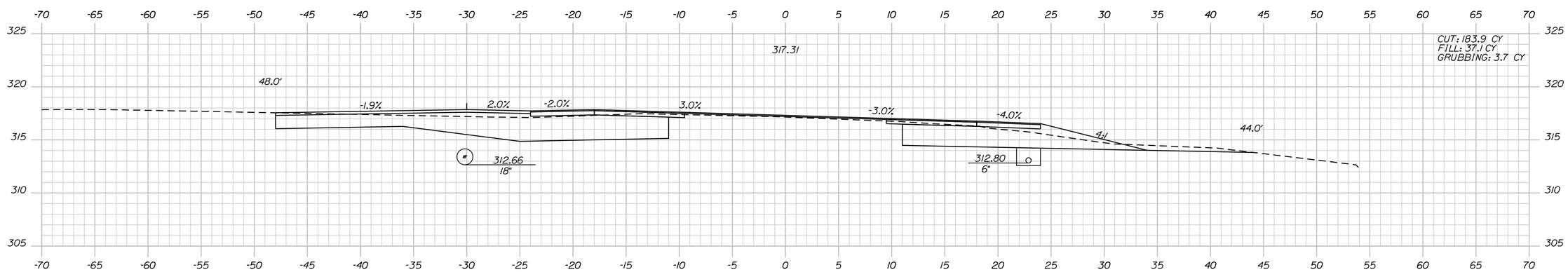
INSTALL 31" W-BEAM GUARDRAIL - MID-WAY SPLICE
AT STA. 34+76.00 LT.

STA. 34+76.00, 24.0' LT. TO STA. 35+88.00, 24.0' LT.
INSTALL 112.5 LF 31" W-BEAM GUARDRAIL - MID-WAY SPLICE,
7 FT POSTS (9 BEAMS)

STA. 35+88.00, 24.0' LT. TO STA. 36+25.00, 61.0' LT.
INSTALL 50 FT 31" W-BEAM GUARDRAIL - MID-WAY SPLICE

34+50.00

STA. 34+75.00 TO STA. 38+75.00 RT.
GRUBBING IN FILL



STA. 34+00.00 LT.
CONSTRUCT PAVED ENT.

34+00.00

STA. 34+00.00, 24.9' RT.
TO STA. 34+24.80, 48.7' RT.
INSTALL 6" x 35' UD OUTLET

STA. 33+90.00, 39.4' RT. TO STA. 34+10.00, 24.0' RT.
INSTALL 25 FT 31" W-BEAM - MID-WAY SPLICE GUARDRAIL RADIUS

STA. 34+10.00, 24.0' RT. TO STA. 36+00.00, 24.0' RT.
INSTALL 188 LF 31" W-BEAM GUARDRAIL - MID-WAY SPLICE
7 FT POSTS (15 BEAMS)

INSTALL 31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL
AT STA. 36+00.00 RT.

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WIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

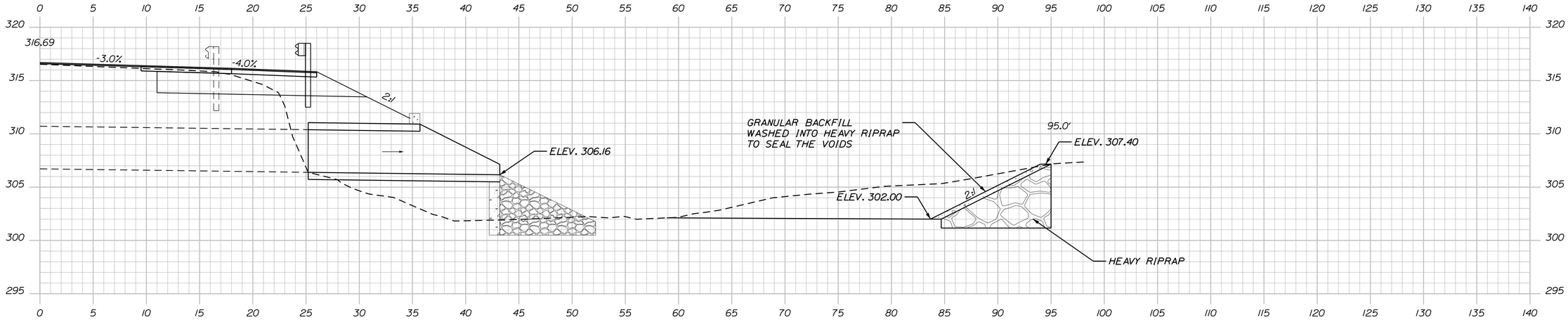
DATE

GREENE
ROUTE 202

CROSS SECTIONS

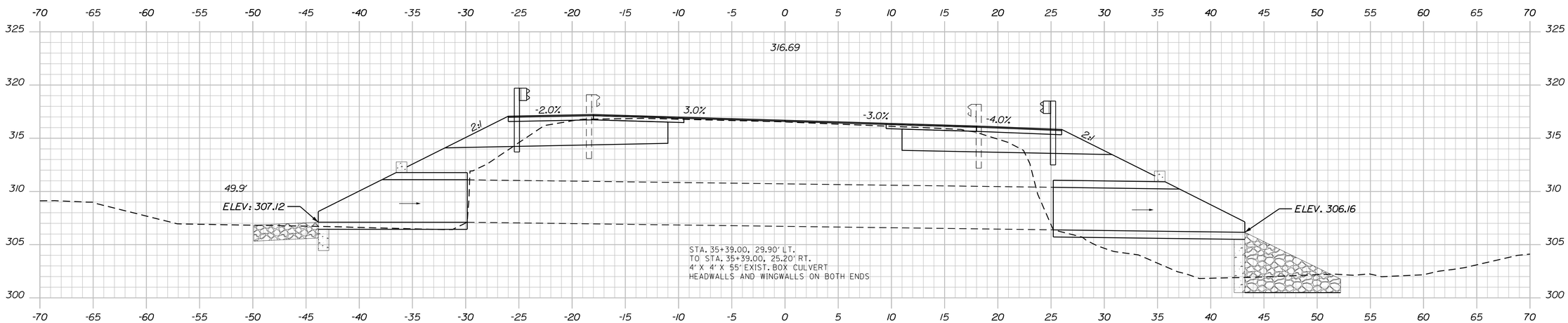
SHEET NUMBER
30
OF 47

Filename: ...\MSTA\030_XSECT_34+00_012.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



35+39.00

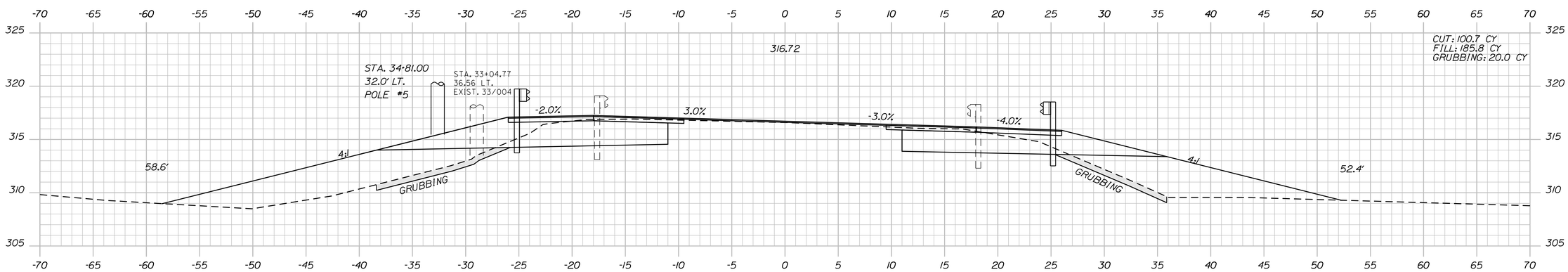
STA. 35+39.00, 84.5' RT. TO 95' RT.
INSTALL HEAVY RIP RAP



STA. 35+39.00, 29.90' LT. TO 43.90' LT.
INSTALL 4' X 4' X 14' BOX CULVERT
CONNECT EXIST. 4' X 4' BOX CULVERT
(SEE BOX CULVERT DETAIL SHEET*)

35+39.00

STA. 35+39.00, 25.20' RT. TO 43.20' RT.
INSTALL 4' X 4' X 18' BOX CULVERT
CONNECT EXIST. 4' X 4' BOX CULVERT
(SEE BOX CULVERT DETAIL SHEET*)



STA. 34+75.00 TO STA. 39+25.00 LT.
GRUBBING IN FILL

35+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. HELMICK	BT TRAN	MAR 2016
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DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

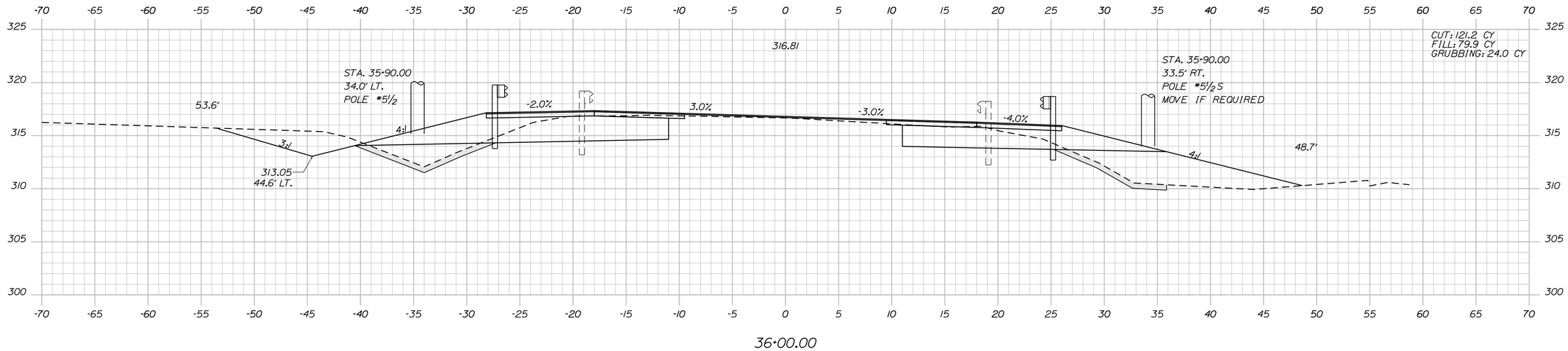
DATE

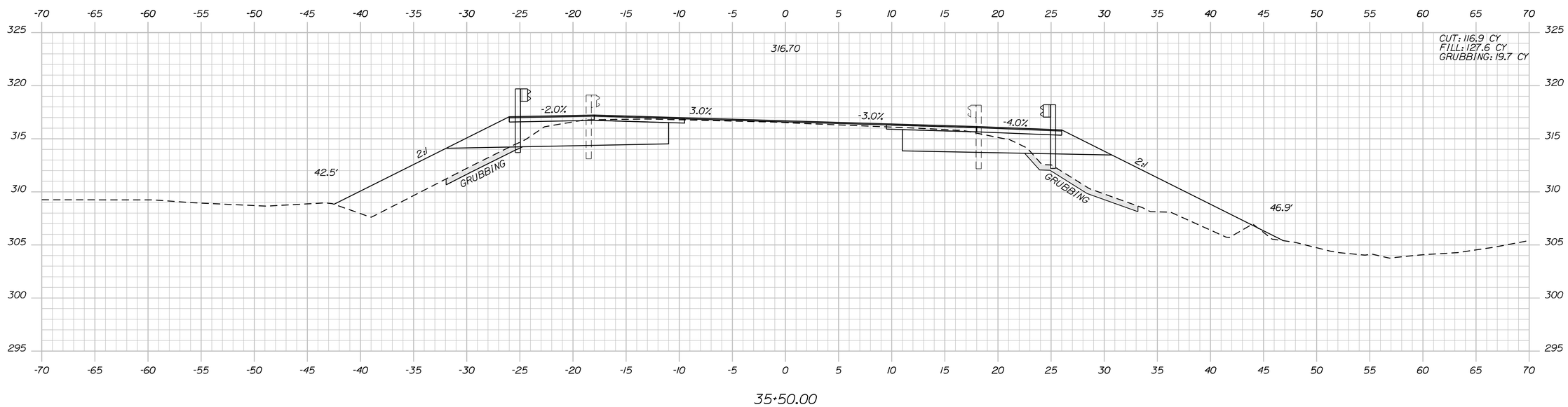
GREENE
ROUTE 202

CROSS SECTIONS

SHEET NUMBER
31
OF 47

Filename: ...\MSTA\031_XSECT_35+00_019.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
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FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

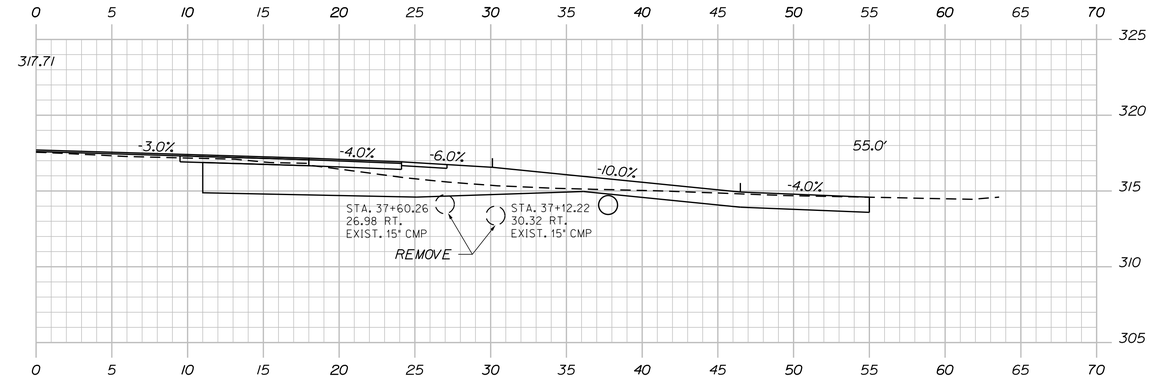
CROSS SECTIONS

SHEET NUMBER

32

OF 47

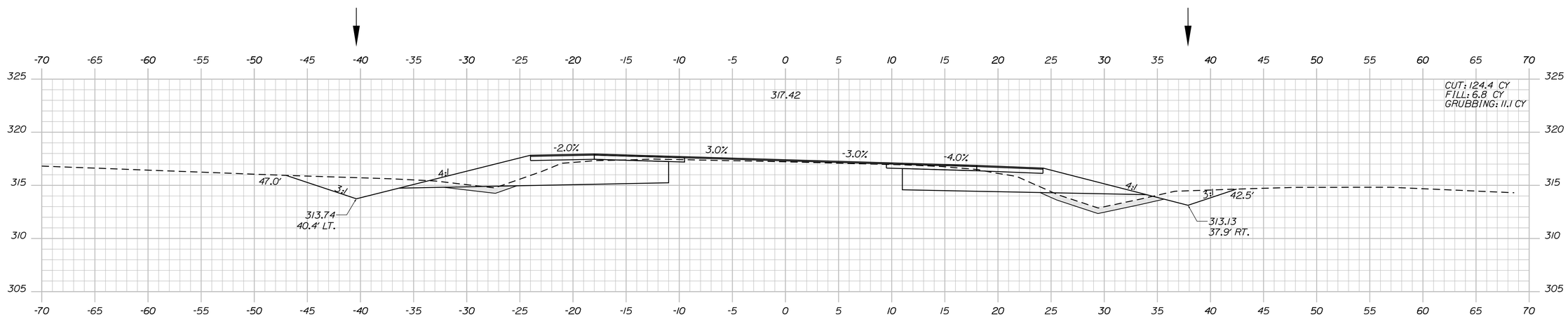
Filename: ...\MSTA\032_XSECT_35+50_013.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



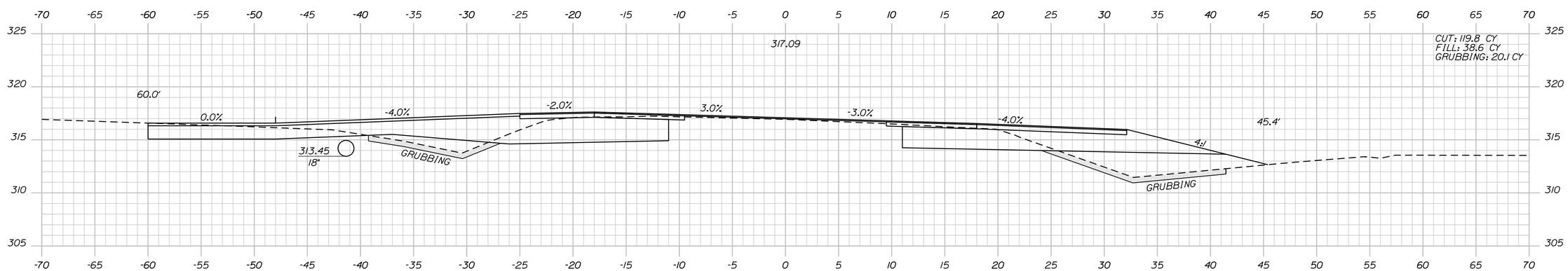
37+36.00

STA. 37+36.00 RT.
CONSTRUCT GRAVEL ENT.

STA. 37+06.80, 37.7' RT.
TO STA. 37+62.60, 38.8' RT.
INSTALL 15" x 56' CULV. PIPE OPT. 1



37+00.00



STA. 36+00.00, 41.5' LT.
TO STA. 36+91.10, 41.4' LT.
INSTALL 18" x 92' CULV. PIPE OPT. 1

STA. 36+50.00 LT.
CONSTRUCT PAVED ENT.

36+50.00

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HIGHWAY PLANS

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PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
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FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

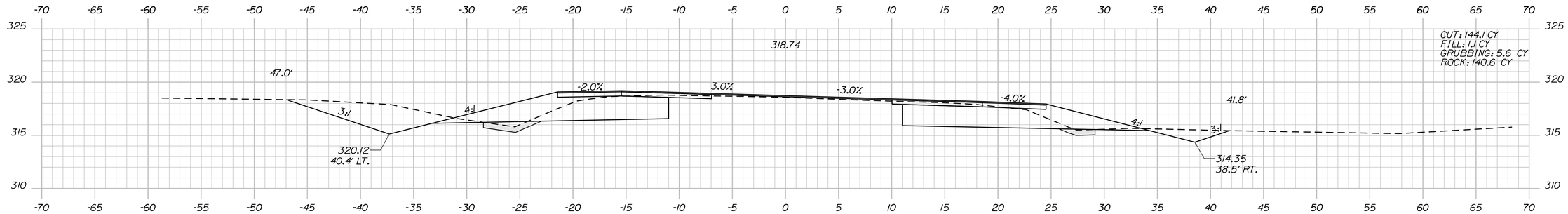
CROSS SECTIONS

SHEET NUMBER

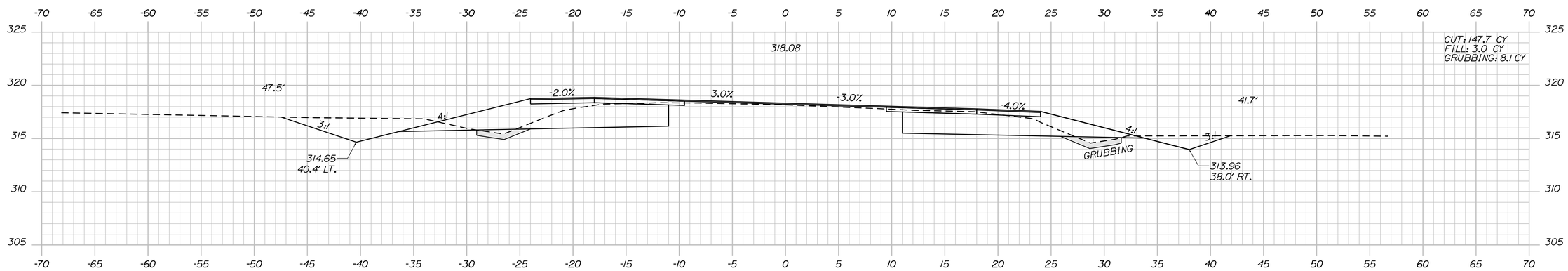
33

OF 47

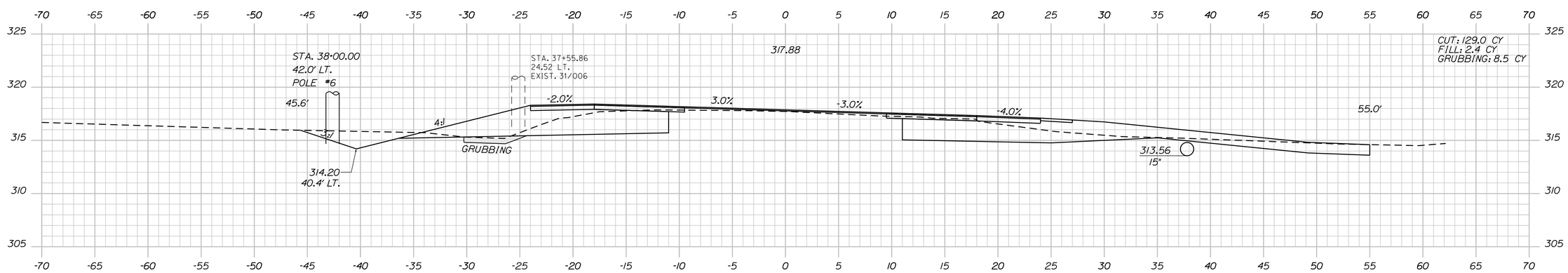
Filename: ...\MSTA\033_XSECT_36+50_014.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



38+50.00



38+00.00



37+50.00

STA. 37+06.80, 37.7' RT.
TO STA. 37+62.60, 38.8' RT.
INSTALL 15" x 56' CULV. PIPE OPT. 1

STATE OF MAINE
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WIN
019010.00

HIGHWAY PLANS

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PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
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REVISIONS 1	-----	-----	-----
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REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

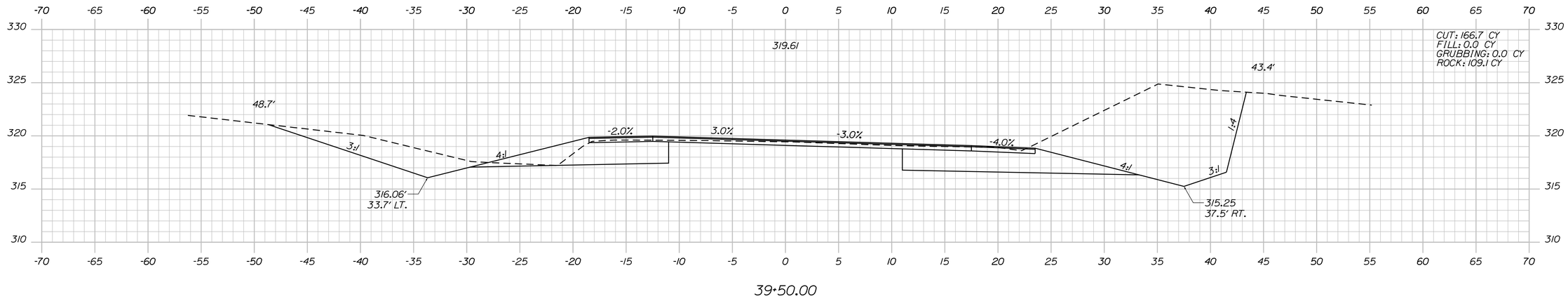
CROSS SECTIONS

SHEET NUMBER

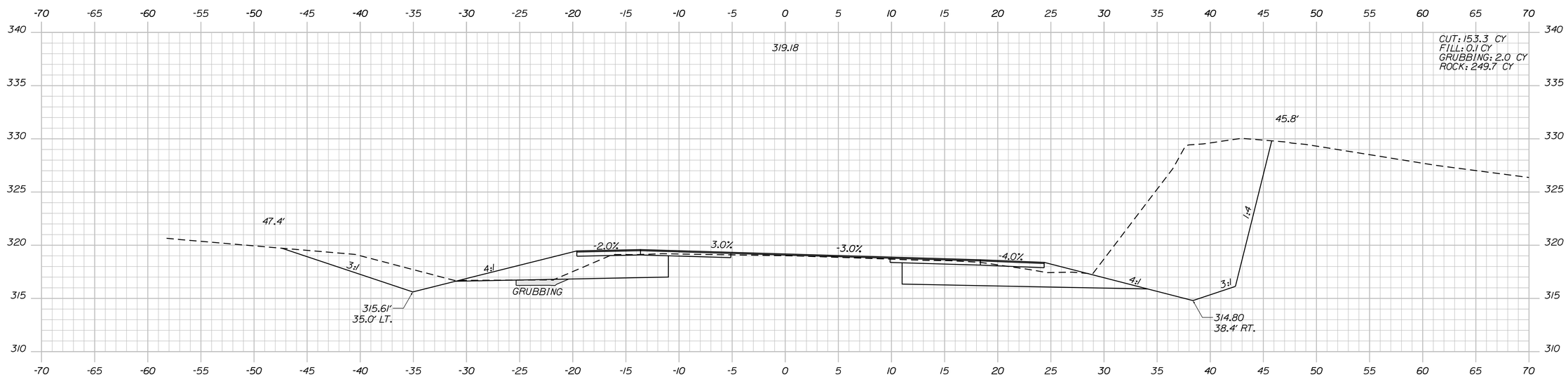
34

OF 47

Filename: ...\MSTA\034_XSECT_37+50_015.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



39+50.00



39+00.00

STATE OF MAINE
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AC-STP-1901(000)X

WIN 019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
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SIGNATURE

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ROUTE 202

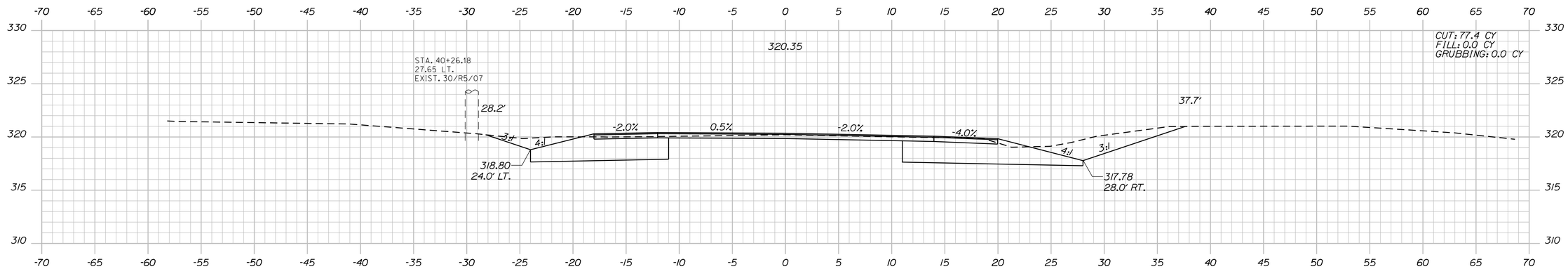
CROSS SECTIONS

SHEET NUMBER

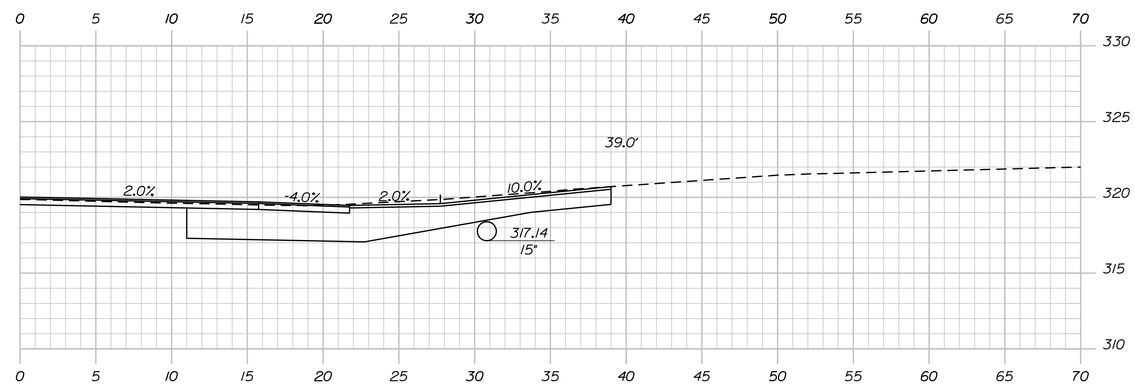
35

OF 47

Filename: ...\MSTA\035_XSECT_39+00_016.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



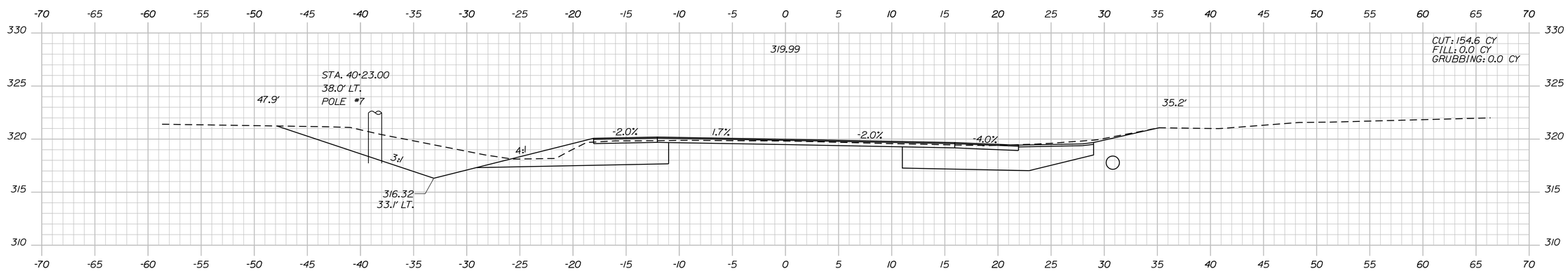
40+50.00



40+05.00

STA. 40+05.00 RT.
CONSTRUCT PAVED DR.

STA. 39+91.80, 30.1' RT.
TO STA. 40+21.60, 27.9' RT.
INSTALL 15" x 30' CULV. PIPE OPT. I



40+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER RHODE MOULTON		BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
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REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

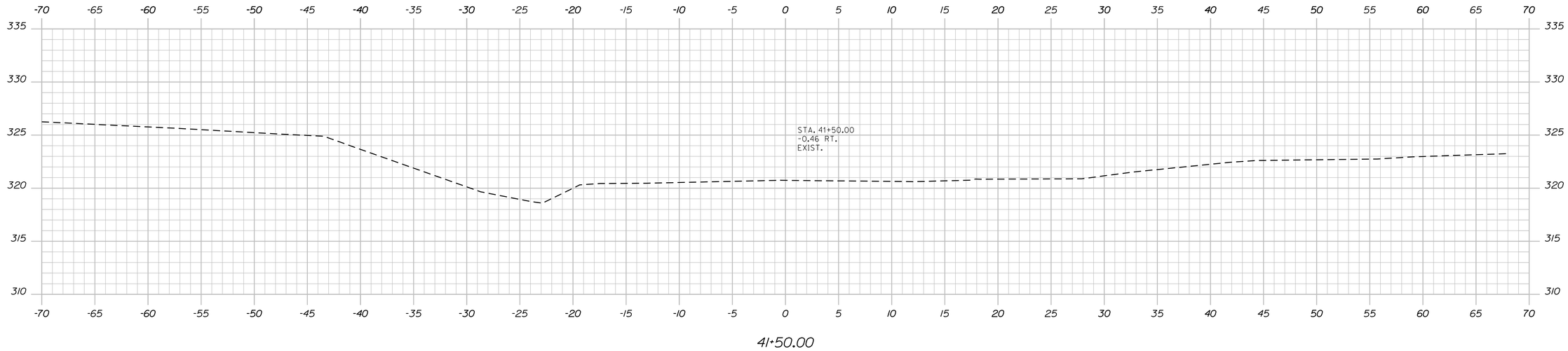
DATE

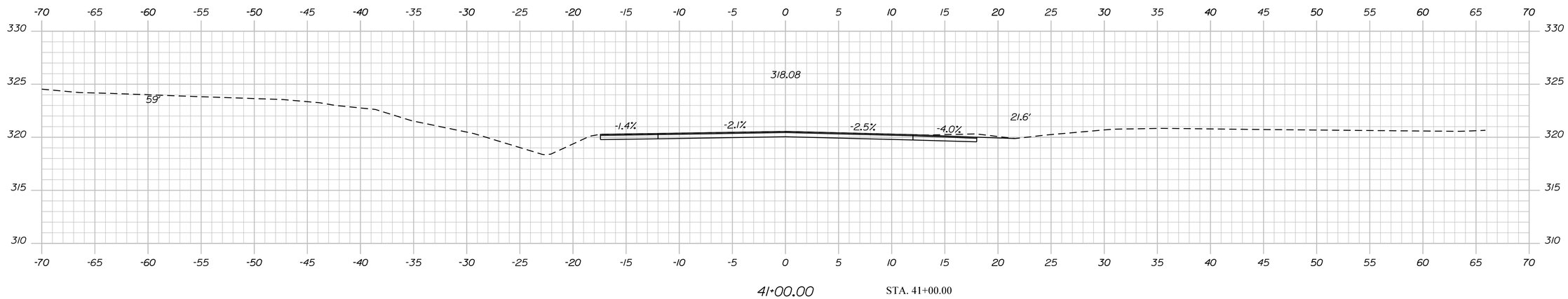
GREENE
ROUTE 202

CROSS SECTIONS

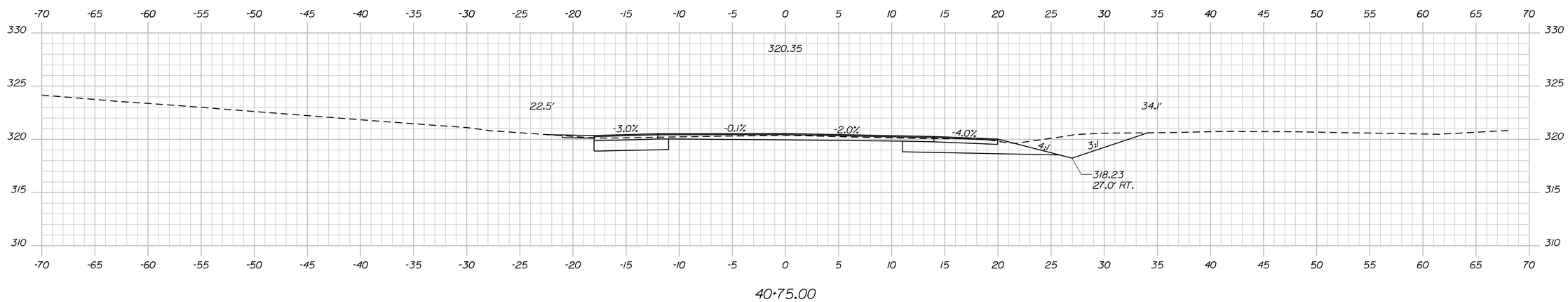
SHEET NUMBER
36
OF 47

Filename: ...\MSTA\036_XSECT_40+00_017.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016





STA. 41+00.00
END PROJECT STP-1901(000)X
MATCH EXISTING



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

WIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER RHODE MOULTON		BY	DATE
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
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DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
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SIGNATURE

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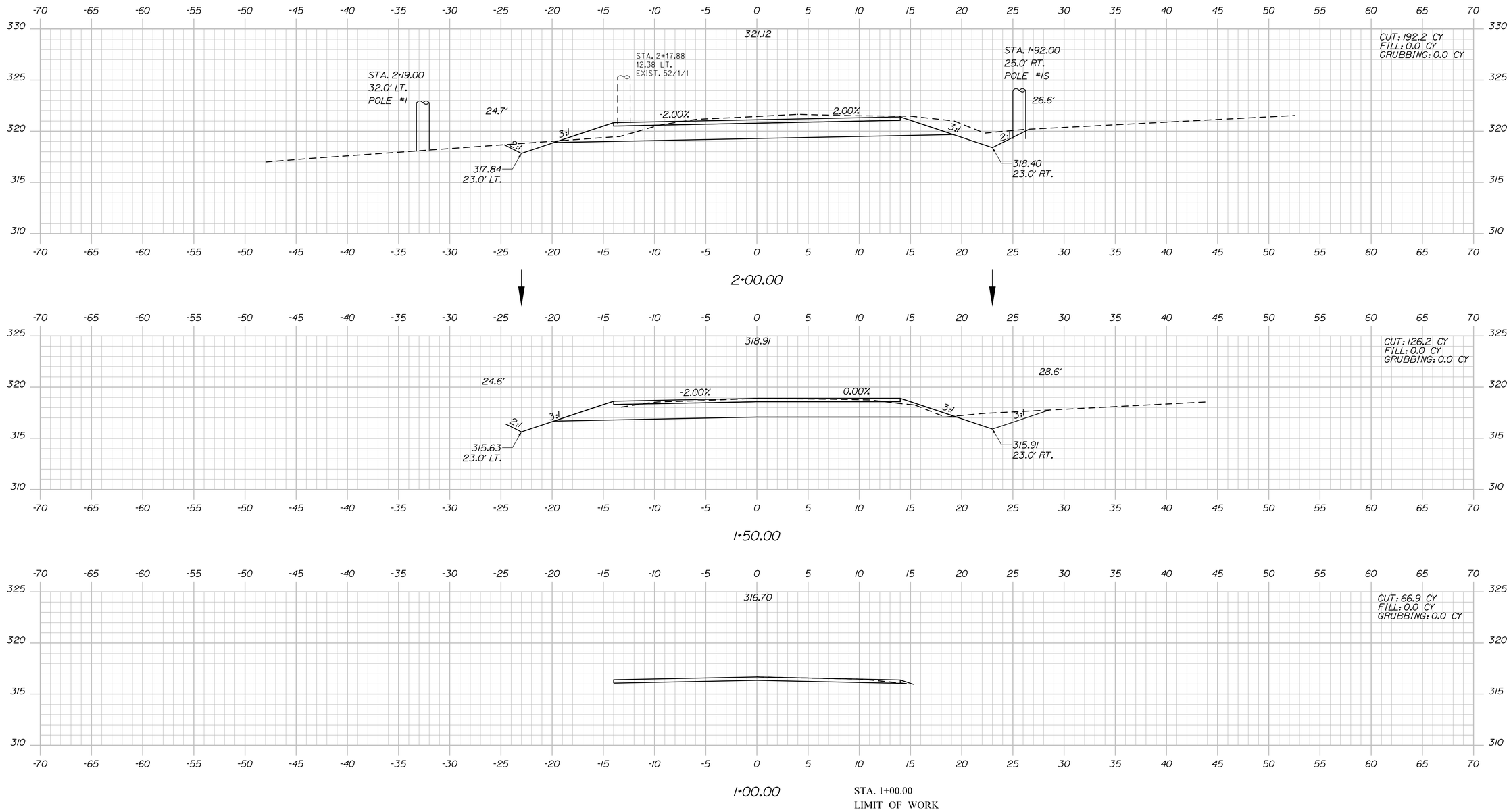
GREENE
ROUTE 202

CROSS SECTIONS

SHEET NUMBER
37
OF 47

Filename: ...\MSTA\037_XSECT_40+75_018.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON			
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016	
CHECKED-REVIEWED	------	------	------	
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REVISIONS 4	------	------	------	
FIELD CHANGES	------	------	------	

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

CROSS SECTIONS

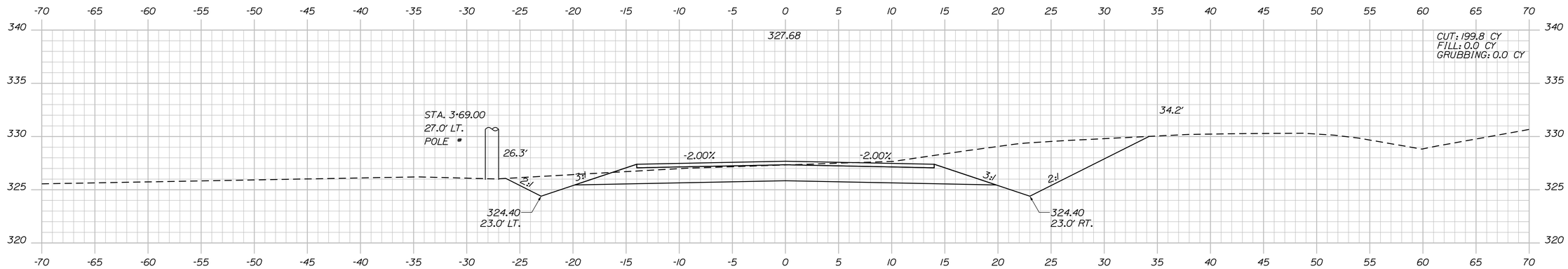
SHEET NUMBER

38

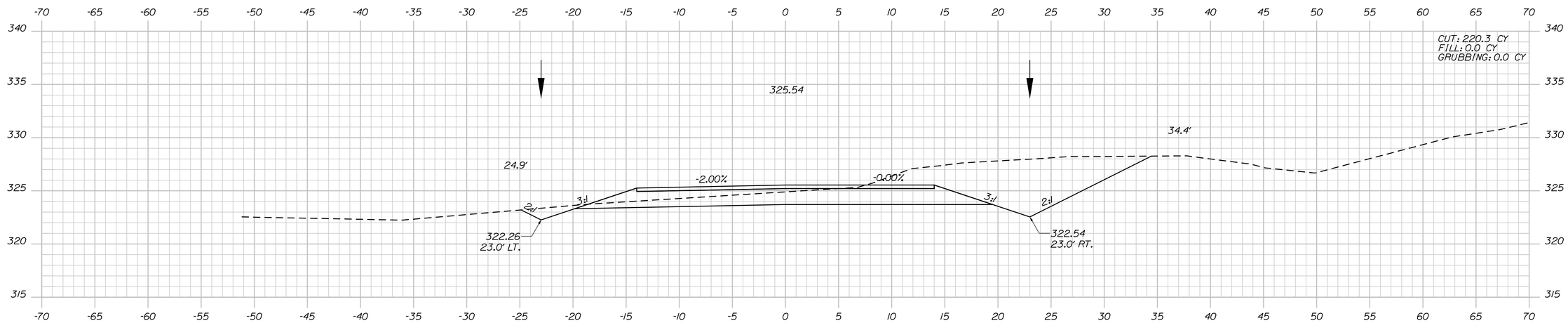
OF 47

Filename: ...\MSTA\038_XSECT_1+00_022.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

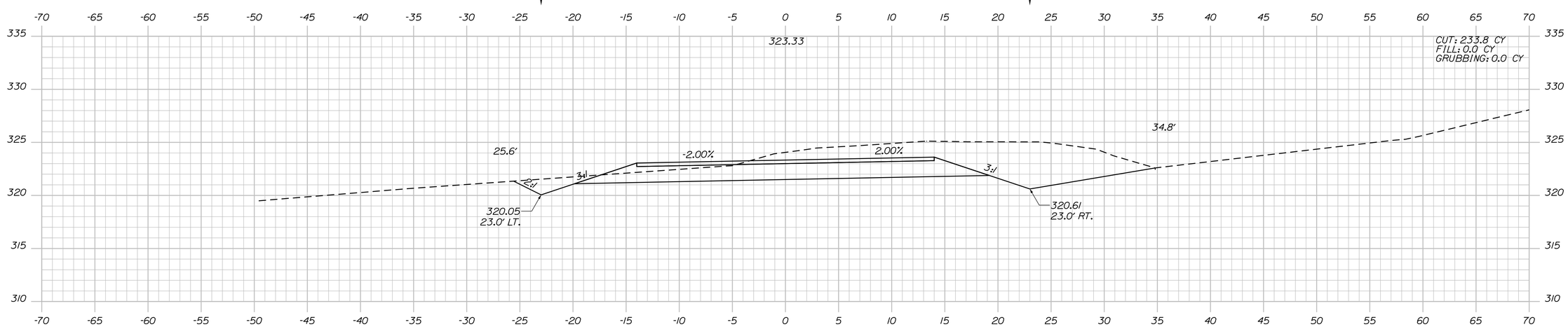
Sta. 1+00.00 to Sta. 2+00.00



3+50.00



3+00.00



2+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

CROSS SECTIONS

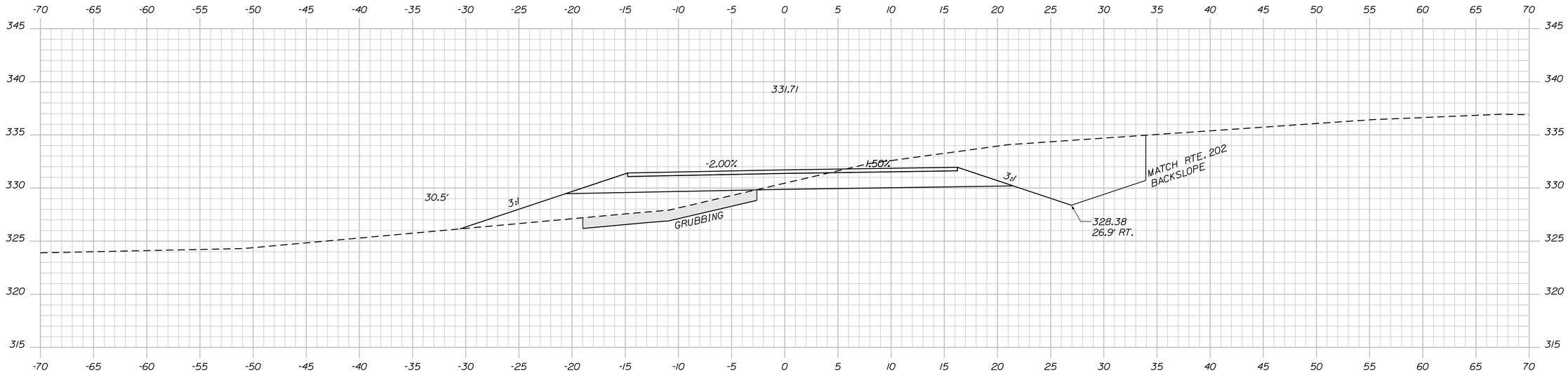
SHEET NUMBER

39

OF 47

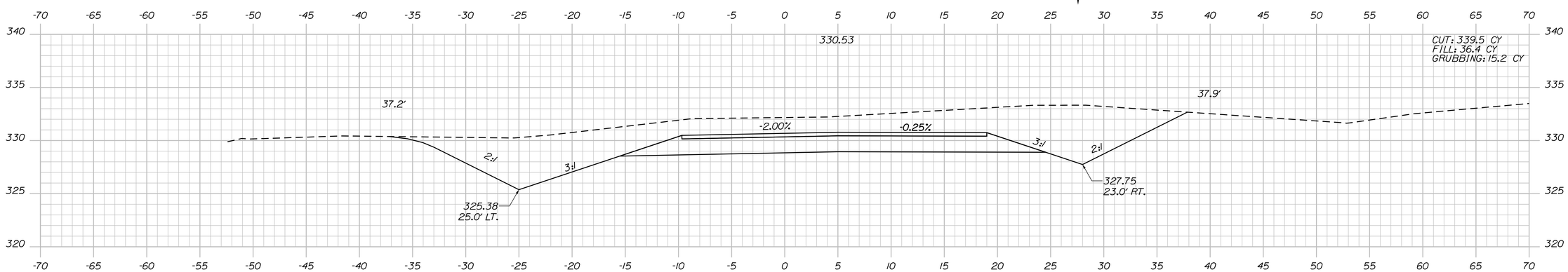
Sta. 2+50.00 to Sta. 3+50.00

Filename: ...\MSTA\039_XSECT_2+50_023.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

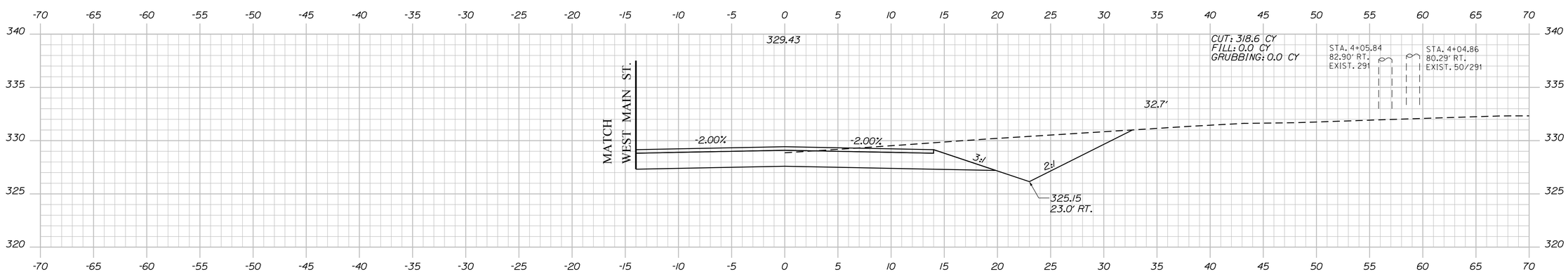


STA. 4+75.00 TO STA. 5+25.00 LT.
GRUBBING IN FILL

5+00.00



4+50.00



4+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	BT TRAN	MAR 2016
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

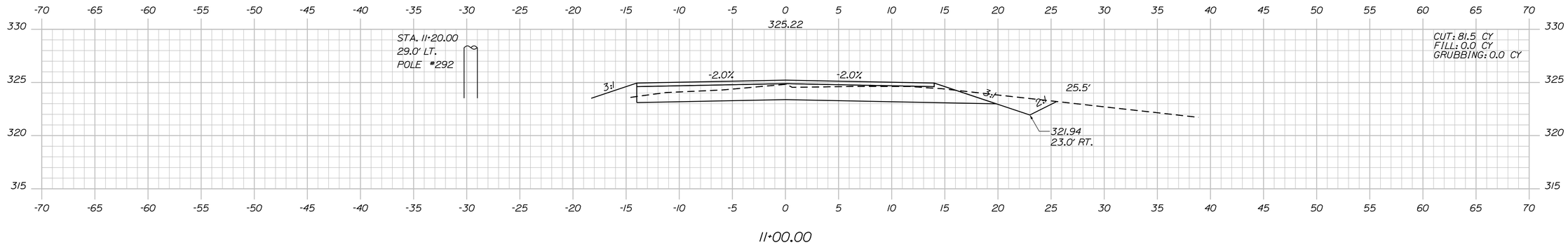
GREENE
ROUTE 202

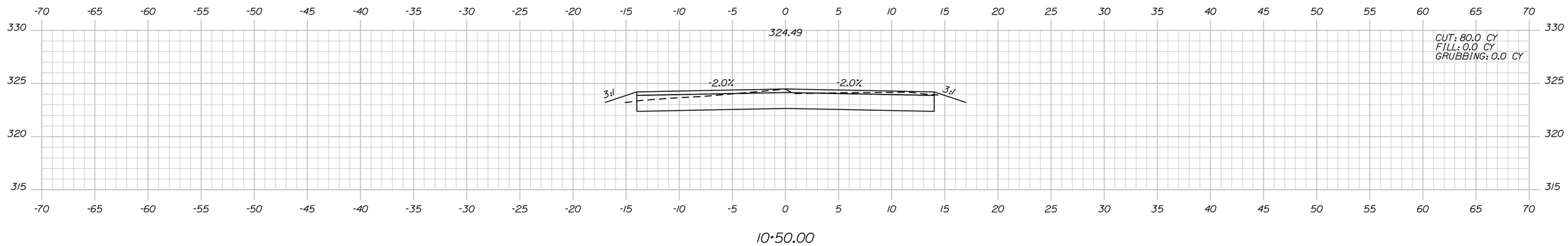
CROSS SECTIONS

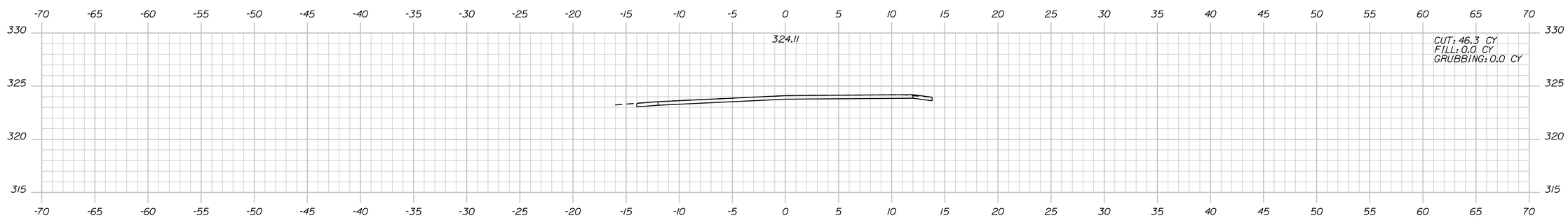
SHEET NUMBER
40
OF 47

Sta. 4+00.00 to Sta. 5+00.00

Filename: ...\MSTA\040_XSECT_4+00_024.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016







STA. 10+00.00
LIMIT OF WORK

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

GREENE
ROUTE 202

CROSS SECTIONS

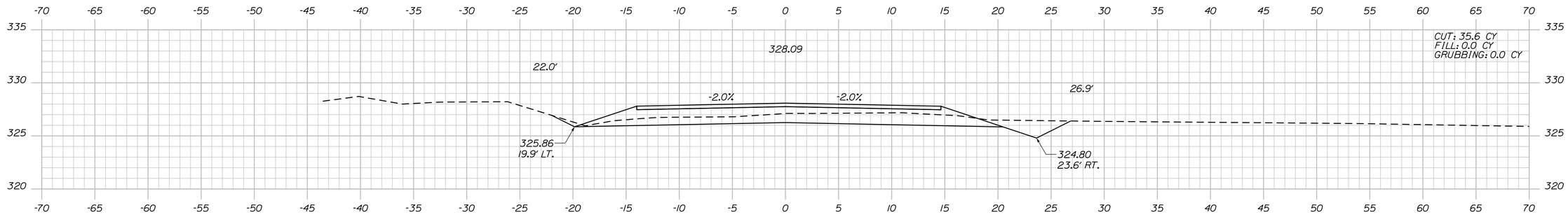
SHEET NUMBER

41

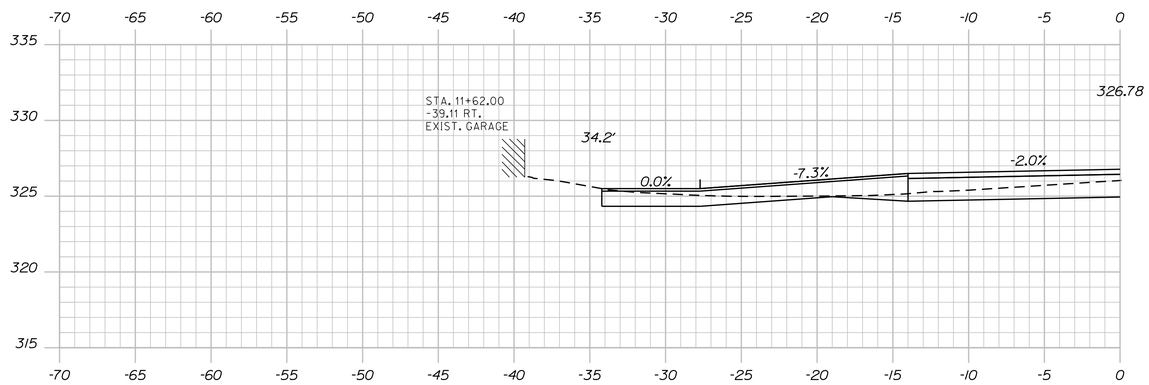
OF 47

Sta. 10+00.00 to Sta. 11+50.00

Filename: ...\MSTA\041_XSECT_10+00_025.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

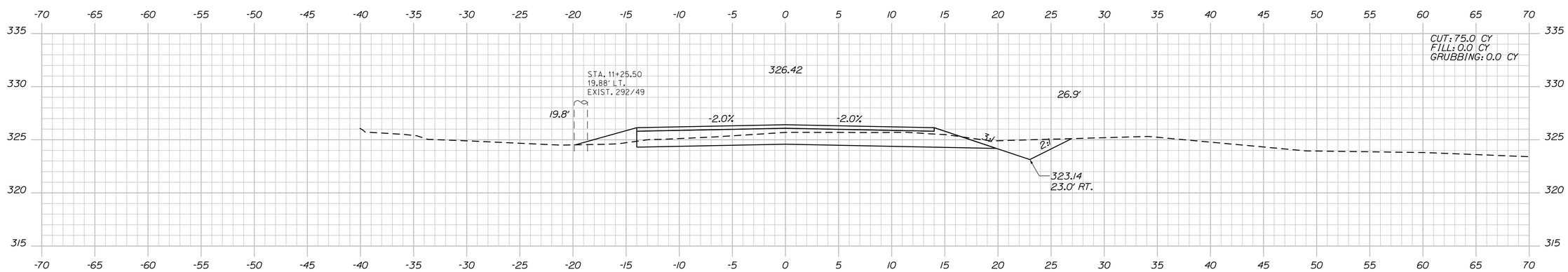


12+00.00



STA. 11+62.00 LT.
CONSTRUCT PAVED DR.

11+62.00



11+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1901(000)X

PIN
019010.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE	
DESIGN-DETAILED	C. HELMICK	BT TRAN	MAR 2016	SIGNATURE
CHECKED-REVIEWED	------	------	------	
DESIGN2-DETAILED2	------	------	------	P.E. NUMBER
DESIGN3-DETAILED3	------	------	------	
REVISIONS 1	------	------	------	
REVISIONS 2	------	------	------	DATE
REVISIONS 3	------	------	------	
REVISIONS 4	------	------	------	
FIELD CHANGES	------	------	------	

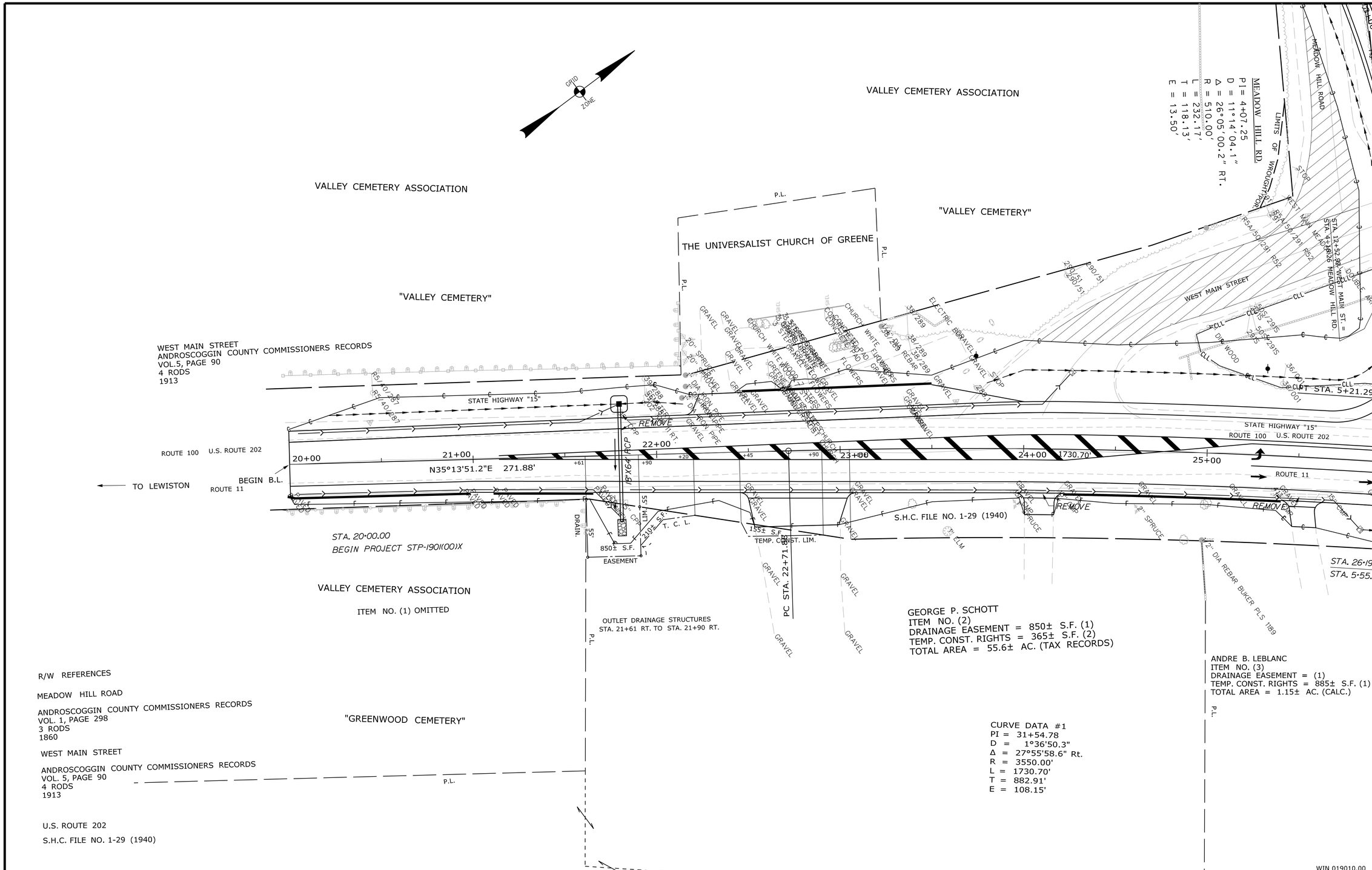
GREENE
ROUTE 202

CROSS SECTIONS

SHEET NUMBER
42
OF 47

Sta. 11+62.00 to Sta. 12+00.00

Filename: ...\MSTA\042_XSECT_11+62_026.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



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

SYMBOLS

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

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	2/22/16	9310	96

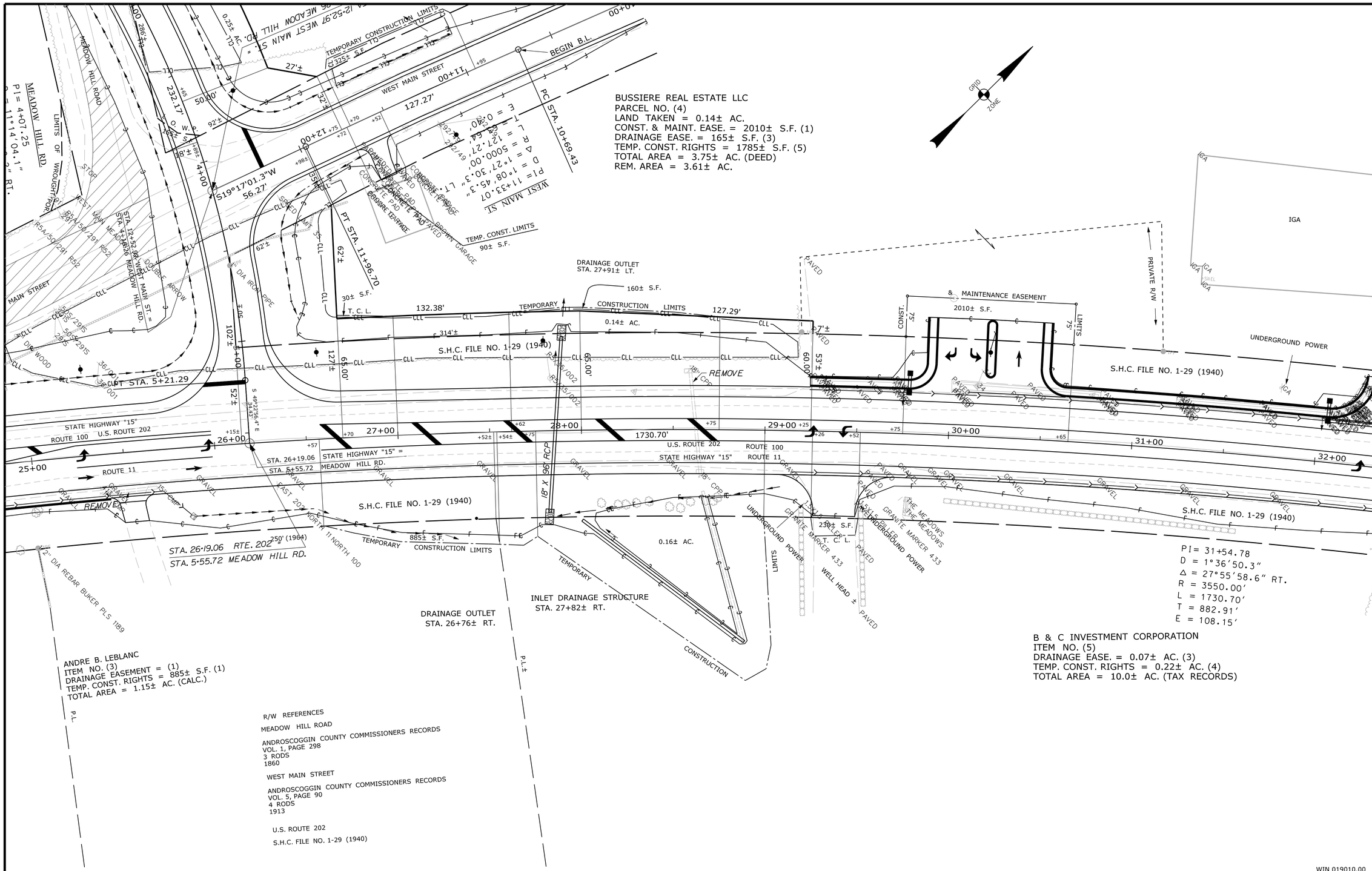
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "15"
U.S. ROUTE 202, ROUTE 100, ROUTE 11
GREENE ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. STP-1901(000)X

OCTOBER 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-327
SCALE 1" = 25'	SHEET 1 OF 5	

SHEET NUMBER
43
OF 47

Filename: ...\00\ROW\MSTA\001_RWPLAN1.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



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SYMBOLS

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

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK			PAGE	COUNTY RECORD		
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	2/22/16	9310	96

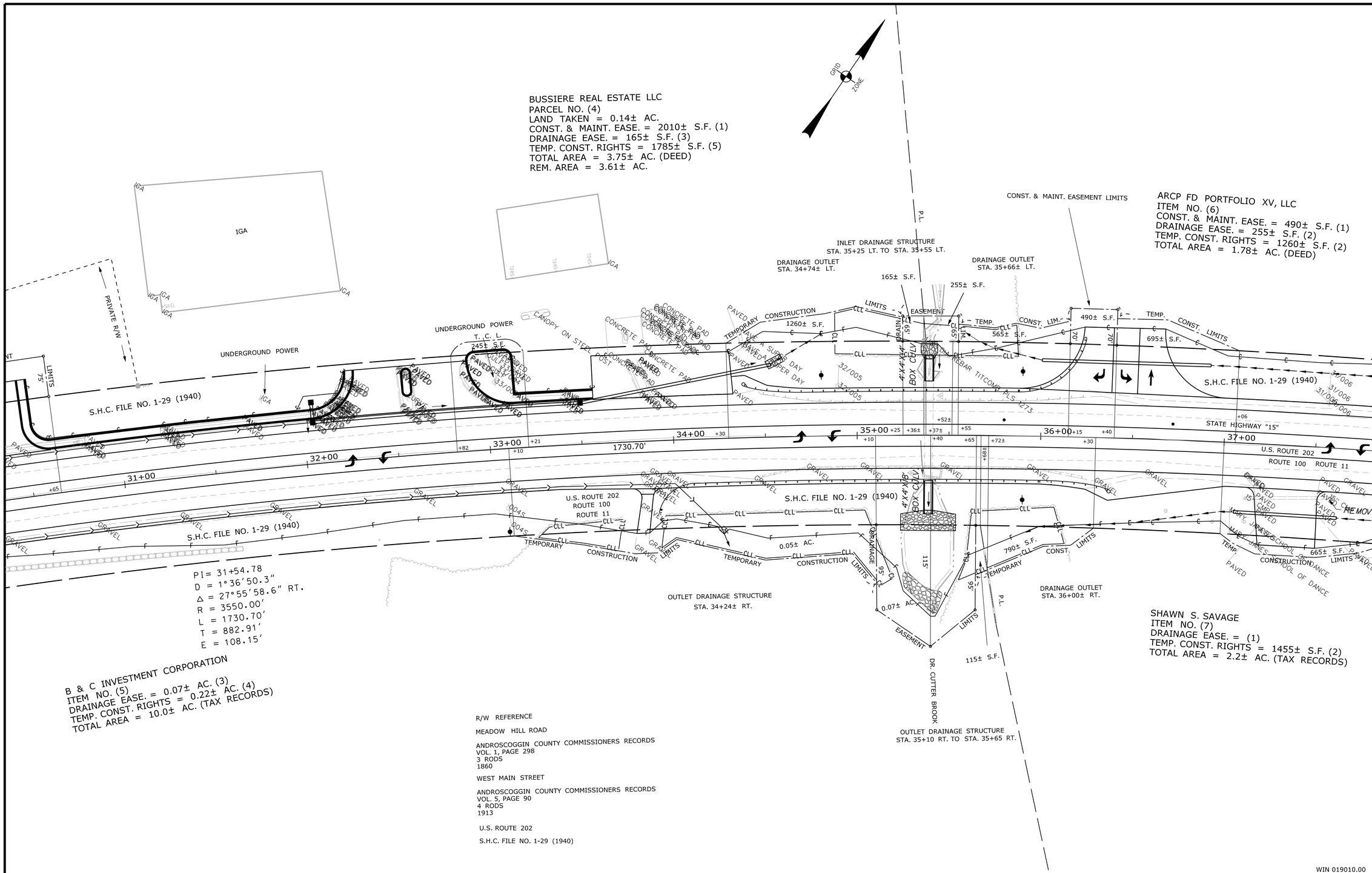
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "15"
U.S. ROUTE 202, ROUTE 100, ROUTE 11
GREENE ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. STP-1901(000)X

OCTOBER 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-327
SCALE 1" = 25'	SHEET 2 OF 5	

SHEET NUMBER
44
OF 47

Filename: ...\00\ROW\MSTA\002_RWPLAN2.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



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SYMBOLS

- WELL — (WELL)
- GROUNDING UNIT LINE
- CONSTRUCTION UNIT LINE
- PROPERTY UNIT LINE
- LIMITS OF VERGE/FIT PORTION (L.O.V.P.)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- IP or ● P/P (IRON PIPE or PIN FOUND)
- S.T. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

GREENE
RIGHT OF WAY MAP

Filename: ...\00\ROW\MSTA\003_RWPLAN3.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK		PAGE	COUNTY RECORD		
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	2/22/16	9310	96

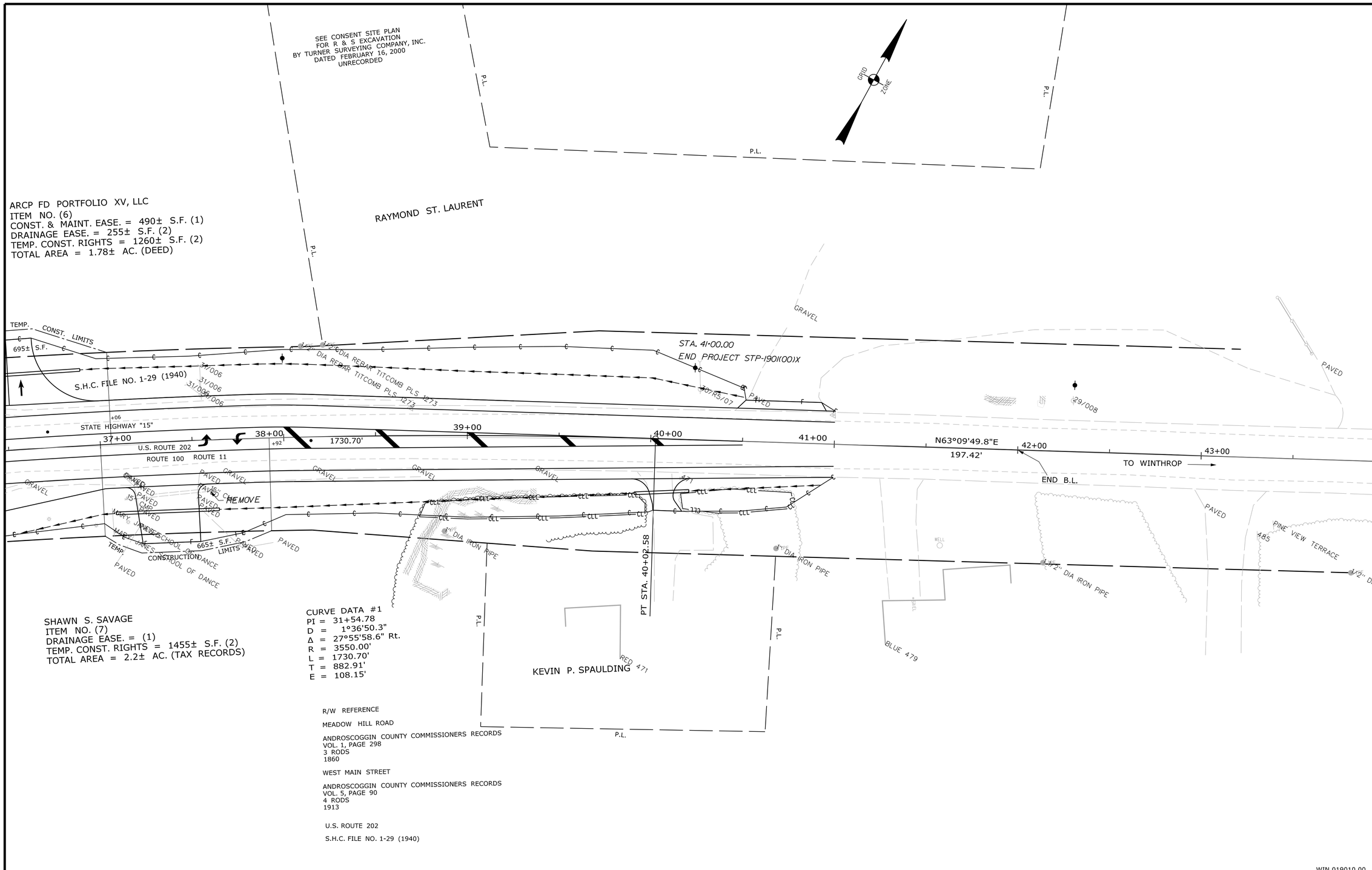
DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE

STATE HIGHWAY "15"
U.S. ROUTE 202, ROUTE 100, ROUTE 11
GREENE ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. STP-1901(000)X

OCTOBER 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 1-327
SCALE 1" = 25' | SHEET 3 OF 5

SHEET NUMBER
45
OF 47



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SYMBOLS

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

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

GREENE
RIGHT OF WAY MAP

WIN 019010.00

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	2/22/16	9310	96

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

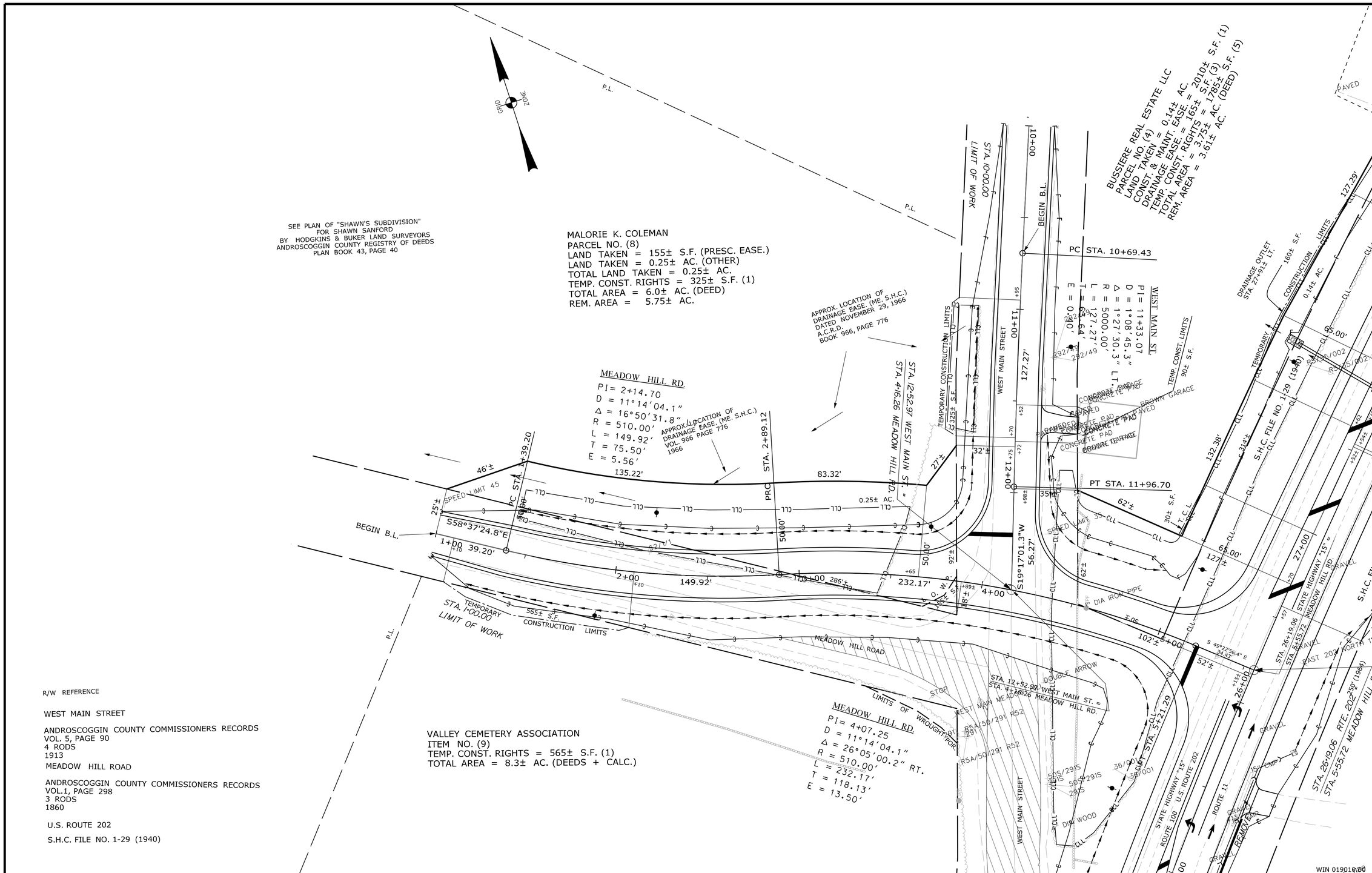
STATE HIGHWAY "15"
U.S. ROUTE 202, ROUTE 100, ROUTE 11
GREENE ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. STP-1901(000)X

OCTOBER 2015 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 1-327
SCALE 1" = 25' | SHEET 4 OF 5

SHEET NUMBER
46
OF 47

Filename: ...\00\ROW\MSTA\004_RWPLAN4.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016

Filename: ...\00\ROW\MSTA\005_RWPLAN5.dgn Division: HIGHWAY Username: cory.D.helmick Date:3/22/2016



R/W REFERENCE

WEST MAIN STREET

ANDROSCOGGIN COUNTY COMMISSIONERS RECORDS
VOL. 5, PAGE 90
4 RODS
1913

MEADOW HILL ROAD

ANDROSCOGGIN COUNTY COMMISSIONERS RECORDS
VOL.1, PAGE 298
3 RODS
1860

U.S. ROUTE 202

S.H.C. FILE NO. 1-29 (1940)

VALLEY CEMETERY ASSOCIATION
ITEM NO. (9)
TEMP. CONST. RIGHTS = 565± S.F. (1)
TOTAL AREA = 8.3± AC. (DEEDS + CALC.)

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SYMBOLS

- ● IP or ● IPF (IRON PIPE or PIN FOUND)
- □ S.T. (SEPTIC TANK)
- ⊕BM (TRAVERSE POINT)
- ○WELL (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- CONSTRUCTION PROPERTY LIMIT LINE
- LIMITS OF VARIOUS RIGHT PORTION (LOVRP)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- WL WATER LINE
- GL GAS LINE
- EL ELECTRIC LINE
- TL TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	D.W.B.	
PROP. LINES	D.W.B.	
AREAS	D.W.B.	P.N.S.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	2/22/16	9310	96

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JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE

STATE HIGHWAY "15"
U.S. ROUTE 202, ROUTE 100, ROUTE 11
GREENE ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. STP-1901(000)X

OCTOBER 2015	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-327
SCALE 1" = 25'	SHEET 5 OF 5	

SHEET NUMBER
47
OF 47