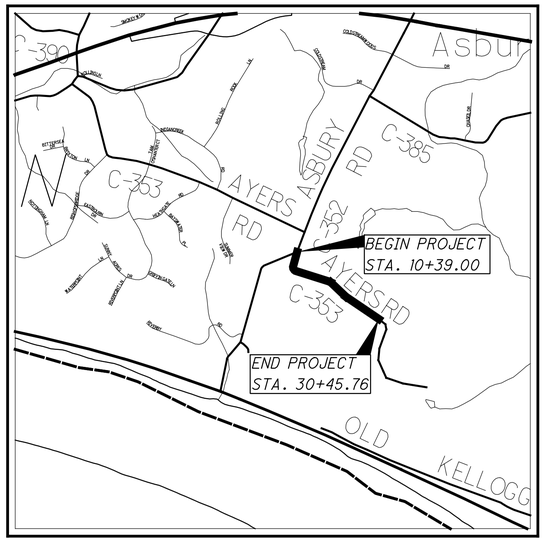


LOCATION MAP

LATITUDE: 39°02'47" LONGITUDE: 84°20'52"

SCALE IN MILES

0 1 2 3 4

N

PORTION TO BE IMPROVED

INTERSTATE HIGHWAY

FEDERAL ROUTES

STATE ROUTES

COUNTY & TOWNSHIP ROADS

OTHER ROADS

DESIGN DESIGNATION

CURRENT ADT (2022)	1000
DESIGN YEAR ADT (2042)	1200
DESIGN HOURLY VOLUME (2042)	120
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	3%
DESIGN SPEED	25 MPH
LEGAL SPEED	25 MPH

DESIGN FUNCTIONAL CLASSIFICATION:
LOCAL ROAD-RURAL
NHS PROJECT NO

DESIGN EXCEPTIONS

NONE

UNDERGROUND UTILITIES

CONTACT BOTH SERVICES TWO WORKING DAYS **BEFORE YOU DIG.**

OHIO Utilities Protection SERVICE — *Call Before You Dig* **1-800-362-2764**

(Non-members must be called directly)

OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE **1-800-925-0988**

PLAN PREPARED BY:

fishbeck

FISHBECK
10856 REED HARTMAN HWY
SUITE 175
CINCINNATI, OH 45242
(513) 469-2370

ENGINEERS SEAL:

STATE OF OHIO
JEROD A. HILLER
E-77281
REGISTERED PROFESSIONAL ENGINEER

SIGNED: Jerod A. Hiller
DATE: 10-23-23

ANDERSON TOWNSHIP
DEPARTMENT OF PUBLIC WORKS

HAM-TR541
AYERS ROAD

ANDERSON TOWNSHIP
HAMILTON COUNTY

INDEX OF SHEETS:

PROJECT DESCRIPTION

ROADWAY IMPROVEMENTS OF ONE-HALF MILE OF AYERS ROAD, INCLUDING STORM SEWER UPGRADES, ROADSIDE GRADING, AND TRAFFIC CONTROL.

PROJECT EARTH DISTURBED AREA:	2.272 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.125 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	2.397 ACRES

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

STANDARD CONSTRUCTION DRAWINGS												SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
BP-3.1	1/21/22	TC-41.20	10/18/13	MT-96.11	4/16/21							800	7/15/22	
BP-3.2	1/18/19	TC-41.30	10/18/13	MT-96.20	7/15/16							832	7/15/22	
BP-4.1	7/19/13	TC-42.20	10/18/13	MT-96.26	1/18/19									
BP-5.1	7/15/22	TC-52.10	10/18/13	MT-97.10	4/19/19									
		TC-52.20	1/15/21	MT-101.60	1/17/20									
RM-1.1	1/15/21	TC-65.10	1/17/14	MT-101.90	7/17/20									
		TC-65.11	7/15/22											
CB-2-2B	7/16/21													
DM-1.1	7/17/20													
DM-4.4	1/15/16													
MH-3	7/16/21													
HW-2.1	7/20/18													
HW-2.2	7/20/18													

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____
DATE _____ TOWNSHIP PUBLIC WORKS DIRECTOR

APPROVED _____
DATE _____ TOWNSHIP ADMINISTRATOR

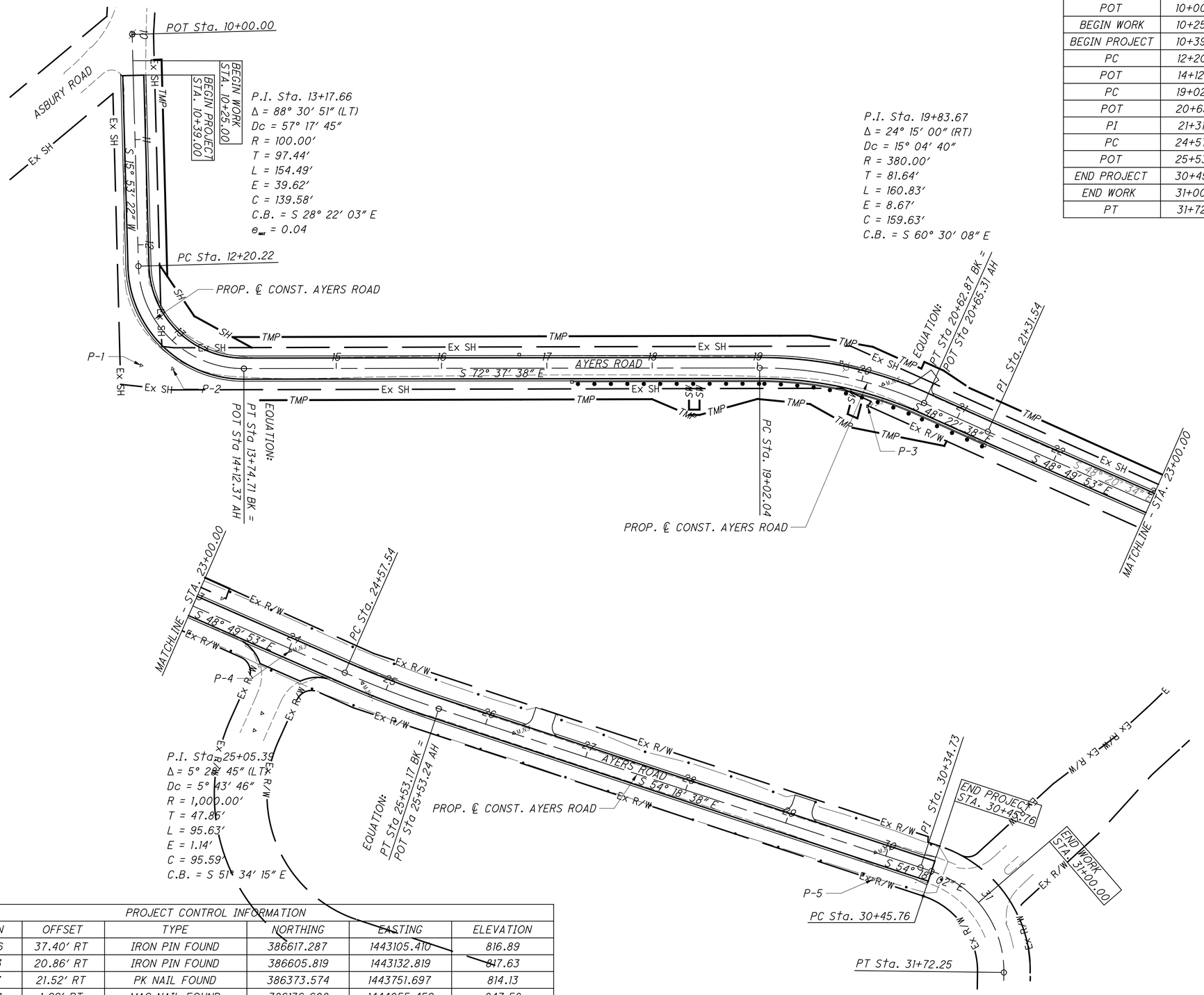
FEDERAL PROJECT NO. N/A

PID NO. N/A

CONSTRUCTION PROJECT NO. N/A

RAILROAD INVOLVEMENT NONE

HAM-TR541



PROP. ℄ CONST. AYERS ROAD ALIGNMENT DATA			
POINT TYPE	STATION	NORTHING	EASTING
POT	10+00.00	386949.80	1443191.46
BEGIN WORK	10+25.00	386895.76	1443184.62
BEGIN PROJECT	10+39.00	386882.29	1443180.78
PC	12+20.22	386707.99	1443131.17
POT	14+12.37	386585.18	1443197.49
PC	19+02.04	386438.97	1443664.81
POT	20+65.31	386360.37	1443803.76
PI	21+31.54	386318.24	1443853.26
PC	24+57.54	386101.78	1444098.67
POT	25+53.24	386042.36	1444173.56
END PROJECT	30+45.76	385755.03	1444573.57
END WORK	31+00.00	385713.25	1444607.12
PT	31+72.25	385642.62	1444610.23

PROJECT CONTROL INFORMATION						
POINT	STATION	OFFSET	TYPE	NORTHING	EASTING	ELEVATION
P-1	12+95.86	37.40' RT	IRON PIN FOUND	386617.287	1443105.410	816.89
P-2	13+15.23	20.86' RT	IRON PIN FOUND	386605.819	1443132.819	817.63
P-3	20+12.17	21.52' RT	PK NAIL FOUND	386373.574	1443751.697	814.13
P-4	24+01.71	1.92' RT	MAG NAIL FOUND	386136.608	1444055.459	847.58
P-5	29+95.55	24.93' RT	IRON PIN FOUND	385763.699	1444517.295	834.09

HORIZONTAL SCALE IN FEET
0 25 50 100

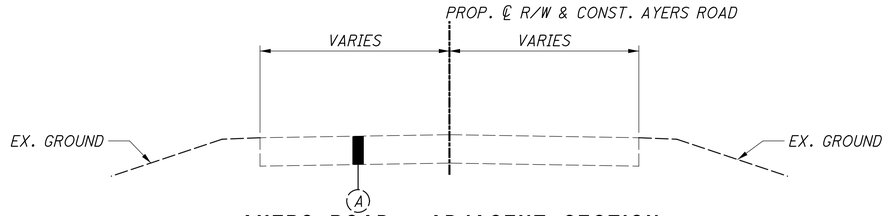
CALCULATED JAH
CHECKED CJS

SCHEMATIC PLAN

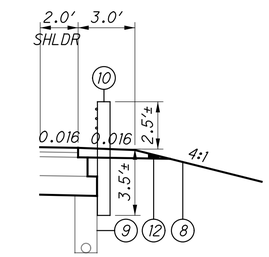
HAM-TR541

2
53

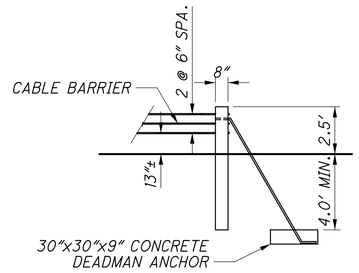
Z:\2017\170652\CAD\ODOT\111111\Design\Roadway\Sheets\98581_GB001.dgn Sheet 10/25/2023 1:32:28 PM jahiller



AYERS ROAD - ADJACENT SECTION
STA. 10+39.00

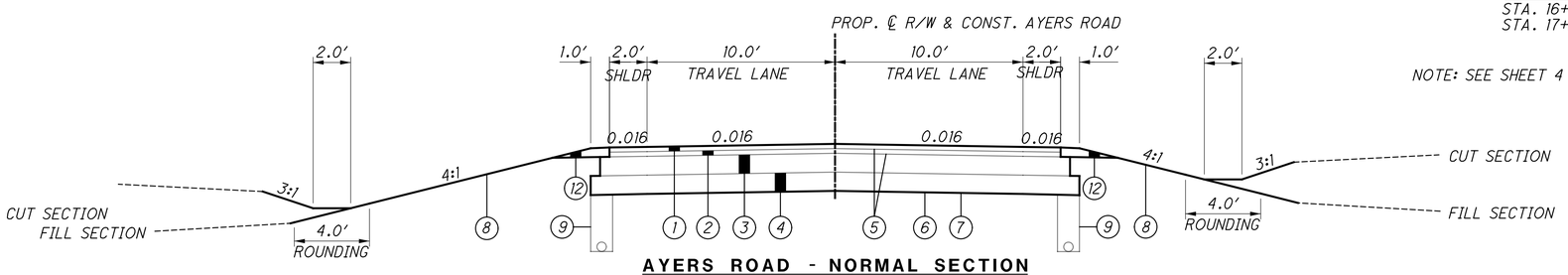


CABLE BARRIER SECTION
STA. 16+75.00 TO STA. 19+76.24 (LT)
STA. 17+25.00 TO STA. 21+32.84 (RT)

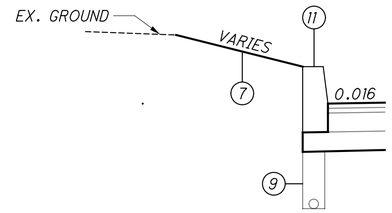


CABLE BARRIER ANCHOR ASSEMBLY

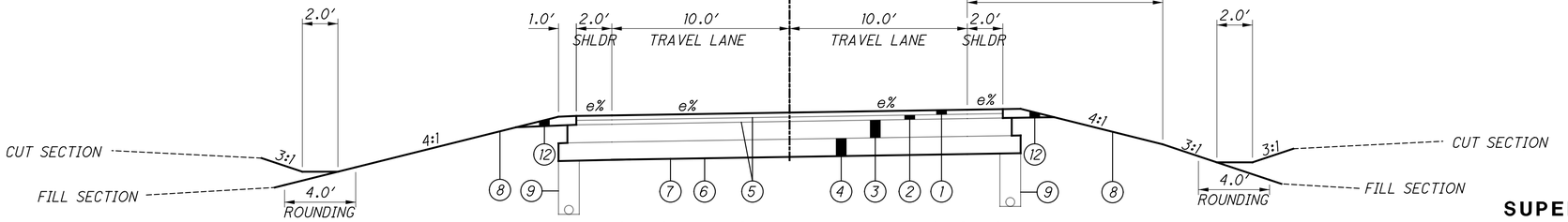
NOTE: SEE SHEET 4 OF THESE PLANS FOR ADDITIONAL CABLE BARRIER CONSTRUCTION INFORMATION



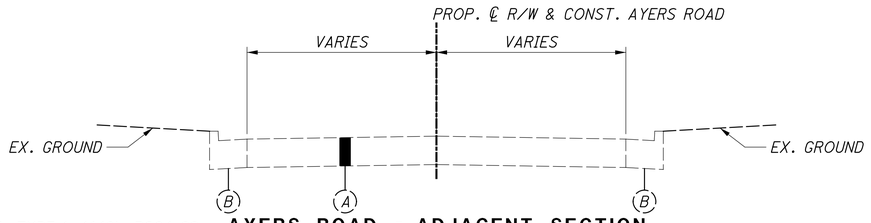
AYERS ROAD - NORMAL SECTION
STA. 10+39.00 TO STA. 11+42.17
STA. 14+90.42 TO STA. 30+45.69



TYPE 7 CURB SECTION
STA. 10+75.00 TO STA. 12+40.00 (LT)
STA. 14+25.00 TO STA. 16+75.00 (LT)
NOTE: CURB HEIGHT TO BE TAPERED TO A 2″ REVEAL AT A 1″ HEIGHT PER 1′ LENGTH RATE AT ENDS OF CURB



AYERS ROAD - SUPERELEVATED SECTION
STA. 11+42.17 TO STA. 14+90.47



AYERS ROAD - ADJACENT SECTION
STA. 30+45.76

SUPERELEVATION TABLE

P.I. STA. 13+17.66	Dc = 57°17′45″

LEFT SIDE				CENTERLINE CONTROL		RIGHT SIDE			
ELEVATION	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE	WIDTH	CROSS SLOPE	ELEVATION CORRECTION	ELEVATION
822.11	-0.016	-0.016	10.0	11+46.89	822.27	10.0	-0.016	-0.160	822.11
821.96	-0.016	-0.016	10.0	11+50.00	822.32	10.0	-0.014	-0.140	822.18
822.34	-0.016	-0.016	10.0	11+75.00	822.50	10.0	0.001	+0.010	822.51
822.05	-0.016	-0.016	10.0	12+00.00	822.21	10.0	0.016	+0.160	822.37
821.71	-0.028	-0.028	10.0	P.C. 12+20.22	821.69	10.0	0.028	+0.280	821.97
821.25	-0.031	-0.031	10.0	12+25.00	821.56	10.0	0.031	+0.310	821.87
820.66	-0.040	-0.040	10.0	12+50.00	821.06	10.0	0.040	+0.400	821.46
819.66	-0.040	-0.040	10.0	12+75.00	820.77	10.0	0.040	+0.400	821.07
820.32	-0.040	-0.040	10.0	13+00.00	820.72	10.0	0.040	+0.400	821.02
820.49	-0.040	-0.040	10.0	13+25.00	820.89	10.0	0.040	+0.400	821.29
820.89	-0.040	-0.040	10.0	13+50.00	821.29	10.0	0.040	+0.400	821.69
821.51	-0.028	-0.028	10.0	P.T. 13+74.71 BK= P.T. 14+12.37 AH	821.91	10.0	0.028	+0.280	822.19
821.92	-0.020	-0.020	10.0	14+25.00	822.32	10.0	0.020	+0.200	822.52
822.88	-0.016	-0.016	10.0	14+50.00	823.28	10.0	0.005	+0.054	823.33
824.08	-0.016	-0.016	10.0	14+75.00	824.48	10.0	-0.010	-0.100	824.38
824.65	-0.016	-0.016	10.0	14+85.70	825.05	10.0	-0.016	-0.160	824.89

LEGEND
(A) EXISTING ASPHALT PAVEMENT
(B) EXISTING CURB AND GUTTER
(1) ITEM 441 - 1 1/4″ ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
(2) ITEM 441 - 1 3/4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22
(3) ITEM 301 - 6″ ASPHALT CONCRETE BASE, PG64-22
(4) ITEM 304 - 6″ AGGREGATE BASE
(5) ITEM 407 - TACK COAT (0.055 GAL/SY)
(6) ITEM 204 - SUBGRADE COMPACTION
(7) ITEM 204 - PROOF ROLLING
(8) ITEM 659 - SEEDING AND MULCHING
(9) ITEM 605 - 6″ BASE PIPE UNDERDRAINS (18″)
(10) ITEM 606 - SPECIAL - CABLE BARRIER
(11) ITEM 609 - TYPE 7 CURB
(12) ITEM 411 - 3″ STABILIZED CRUSHED AGGREGATE

TYPICAL SECTIONS

HAM-TR541

3
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ROUNDING
THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UTILITIES
LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ELECTRIC:
DUKE ENERGY
2010 DANA AVENUE, EF324
CINCINNATI, OH 45207
(513) 458-3804
CONTACT: AMANDA BRAUN
Amanda.Braun@duke-energy.com

TELEPHONE:
CINCINNATI BELL
221 EAST 4TH STREET
BLDG. 121-900
CINCINNATI, OH 45202
(513) 565-7187
CONTACT: Breck Cowan
breck.cowan@cinbell.com

CINCINNATI BELL-AERIAL & PLACING
209 WEST 7TH STREET
BLDG. 121-900
CINCINNATI, OH 45202
(513) 566-5120
CONTACT: DORIAN JOHNSON
Dorian.Johnson@cinbell.com

WATER:
CINCINNATI WATER WORKS
4747 SPRING GROVE AVENUE
CINCINNATI, OH 45232
(513) 591-6581
CONTACT: MICHAEL COSSINS
Michael.Cossings@gcww.cincinnati-oh.gov

GAS:
DUKE ENERGY
139 EAST FOURTH STREET
ROOM 460A
CINCINNATI, OH 45202
(513) 287-2366
CONTACT: Tommy Mitchell
thomas.mitchell5@duke-energy.com

CABLE:
CHARTER COMMUNICATIONS
10920 KENWOOD ROAD
BLUE ASH, OH 45242
(513) 386-5499
CONTACT: KENT RIEGER
kent.rieger@charter.com

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

WORK LIMITS
THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

SURVEYING PARAMETERS
PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON PROJECTS. SEE SHEET 2 FOR A TABLE CONTAINING PRIMARY PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PRIMARY PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PRIMARY PROJECT CONTROL

POSITIONING METHOD: VRS GNSS
MONUMENT TYPE: B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NGVD29
GEOID: GEOID03

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011) EPOCH 2010.0
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE (SOUTH) ZONE
ALL COORDINATES ARE GROUND COORDINATES
ORIGIN OF COORDINATE SYSTEM: 0,0

USE THE POSITIONING METHOD AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATION 823.

SEEDING AND MULCHING
THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

ITEM 659, SEEDING AND MULCHING	5665 SQ YD
ITEM 659, REPAIR SEEDING AND MULCHING	1130 SQ YD
ITEM 659, COMMERCIAL FERTILIZER	4.6 TON
ITEM 659, LIME	1.2 ACRES
ITEM 659, WATER	150 M GAL

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

CONSTRUCTION NOISE
HOURS OF OPERATION SHALL CONFORM WITH ANY LOCAL ORDINANCES.

CLEARING AND GRUBBING
ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED
ALL CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT OF WAY FOR SALVAGE BY THE TOWNSHIP.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 202 ITEM.

ITEM 511 WINGWALLS OR HEADWALLS FOR 611 ITEMS
FOR ITEMS 706.05, 706.051, 706.052 AND 706.053 WITH A CAST-IN-PLACE WINGWALL OR HEADWALL A PRECAST ALTERNATIVE MAY BE FURNISHED PER 602.03. THE PRECAST ALTERNATIVE WILL MEET THE CAST-IN-PLACE STRUCTURAL DESIGN LOADINGS, DESIGN HEIGHT, AND DESIGN LENGTH DIMENSIONS.

FULL COMPENSATION FOR THE PRECAST WINGWALL OR HEAD-WALL IS THE NUMBER OF CUBIC YARDS OF ITEM 511, AND POUNDS OF ITEM 509 FOR THE CORRESPONDING CAST-IN-PLACE STRUCTURE.

ITEM 606 - SPECIAL - CABLE BARRIER
NEW GUARD POSTS SHALL BE PRESSURE TREATED WOOD, 6 FEET ± LONG, 8 INCH ± 1 INCH MINIMUM DIAMETER, AND SHALL CONFORM TO AASHTO M-168 AND STATE OF OHIO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS SEC 710.12, 710.14 AND 712.09.

THE POSTS SHALL BE PLACED 8 FEET ON CENTER AND FINISHED TO HEIGHT OF 2 FT. 6 IN. ± INTO THE GROUND, IN A STRAIGHT OR GENTLY CURVED ALIGNMENT. THE POSTS SHALL BE SET IN DRILLED HOLES OR DRIVEN TO WITHIN 1" OF DETAIL DIMENSION.

GUARDRAIL SHALL CONSIST OF 3 CABLES, EACH ¾ INCH DIAMETER, 3-STRAND, 7 WIRES PER STRAND (3X7), MEETING AASHTO SPECIFICATION M-30, CLASS A, TYPE 1. THE BOTTOM CABLE SHALL BE PLACED 13 INCHES ± ABOVE GRADE. THE TOP CABLE SHALL BE PLACED 12 INCHES ABOVE THE BOTTOM CABLE. THE MIDDLE CABLE SHALL BE PLACED EQUAL DISTANCE BETWEEN THE OTHER TWO.

CABLE SHALL BE ATTACHED TO THE WOODEN POSTS USING ⅝ INCH DIAMETER "J" BOLTS, BETHLEHEM STEEL CATALOG #0703 OR APPROVED EQUAL.

CABLE ANCHOR ASSEMBLIES SHALL INCLUDE ADJUSTABLE BOLTS TO BE BETHLEHEM STEEL CATALOG #9358 OR APPROVED EQUAL, WHICH PROVIDES FOR A MINIMUM OF 6 INCH TAKE-UP FOR EACH CABLE.

ANCHOR RODS FOR END POSTS SHALL BE 1 INCH DIAMETER WITH MINIMUM BREAKING STRENGTH OF 50,000 POUNDS AND SHALL INCLUDE A TURNBUCKLE WITH A MINIMUM 6 INCH TAKE-UP. EXACT DESIGN AND MANUFACTURE SHALL BE AS AVAILABLE AND APPROVED BY THE TOWNSHIP.

ANCHOR RODS SHALL BE EMBEDDED IN A 30" X 30" X 9" CAST CONCRETE DEADMAN BURIED 48+ INCHES BELOW GRADE.

SPLICING OF CABLE WILL BE PERMITTED ONLY WHERE ABSOLUTELY NECESSARY AND SHALL BE DONE USING CAST CABLE SPLICERS, TORPEDO STYLE, TO BE BETHLEHEM STEEL CATALOG #9036 OR APPROVED EQUAL.

CABLE AND ALL FITTINGS AND PARTS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM SPECIFICATION A-123.

THE COST FOR ALL POSTS, CABLES, ANCHORS, BOLTS, DEADMAN ASSEMBLIES, FITTINGS, AND OTHER PARTS SHALL BE INCLUDED IN THE COST OF ITEM 606 - SPECIAL - CABLE BARRIER.

CALCULATED JAH CHECKED CJS

GENERAL NOTES

HAM-TR541

ITEM 614, MAINTAINING TRAFFIC

AYERS ROAD WILL MAINTAIN A MINIMUM OF ONE TRAVEL LANE AT ALL TIMES.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPERATELY ITEMIZED IN THE PLAN.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 10 M. GAL

TEMPORARY DRAINAGE ITEMS

TEMPORARY DRAINAGE ITEMS LABELED ON THE MAINTENANCE OF TRAFFIC PLAN ARE ITEMIZED ON THE MOT PLANS. PAYMENT FOR THE TEMPORARY DRAINAGE ITEMS ARE ITEMIZED AND CARRIED TO THE GENERAL SUMMARY.

SEQUENCE OF OPERATIONS

THE FOLLOWING CONSTRUCTION SEQUENCE WILL BE USED TO CONSTRUCT ROADSIDE IMPROVEMENTS ON AYERS ROAD. PART-WIDTH CONSTRUCTION WILL BE UTILIZED WITH TWO-WAY TRAFFIC TO BE MAINTAINED AT ALL TIMES ON ONE LANE WITH A TEMPORARY TRAFFIC SIGNAL OPERATION, FOLLOWING MT-96.11, MT-96.20, AND MT-96.26 STANDARD DRAWINGS. CONSTRUCTION DRUMS OR TRAFFIC CONTROL CONES WILL BE UTILIZED IN LIEU OF PORTABLE CONCRETE BARRIER.

PRE-PHASE 1

TEMPORARY PAVEMENT WIDENING IS TO BE PLACED ALONG THE WESTBOUND SIDE OF AYERS ROAD AT THE LOCATIONS SHOWN IN THE PLANS AT MINIMUM WIDTH OF 1'.

PHASE 1

UPON THE COMPLETION OF THE TEMPORARY WIDENING ALONG THE WESTBOUND SIDE OF AYERS ROAD, THE EASTBOUND SIDE OF AYERS ROAD WILL BE CLOSED DOWN. THE PROPOSED STORM SEWER AND PAVEMENT ALONG THE EASTBOUND SIDE OF AYERS ROAD WILL BE CONSTRUCTED. TRAFFIC IS TO BE MAINTAINED WITH A ONE-LANE, TWO-WAY SIGNALIZED OPERATION ALONG EXISTING WESTBOUND AYERS ROAD. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

PHASE 2

UPON THE COMPLETION OF PHASE I, THE WESTBOUND SIDE OF AYERS ROAD WILL BE CLOSED DOWN. THE PROPOSED STORM SEWER, AND PAVEMENT ALONG THE WESTBOUND SIDE OF AYERS ROAD WILL BE CONSTRUCTED. TRAFFIC IS TO BE MAINTAINED WITH A ONE-LANE, TWO-WAY SIGNALIZED OPERATION ALONG PROPOSED EASTBOUND AYERS ROAD. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

SIGNAL TIMING AND MAXIMUM CLOSURE LENGTHS

TEMPORARY TRAFFIC SIGNAL TIMING TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

MINIMUM ROADWAY CLOSURE LENGTH (WORK ZONE) SHALL BE 500 LINEAR FEET TO ALLOW A REASONABLE WORK AREA MAXIMUM ROADWAY CLOSURE LENGTH (WORK ZONE) SHALL BE 800 LINEAR FEET TO MINIMIZING TEMPORARY SIGNAL TOTAL CYCLE LENGTHS. WORK ZONES SHALL ADHERE TO THE FOLLOWING RECOMMENDED STATIONING UNLESS OTHERWISE APPROVED:

1) STATION 10+39.00 TO STATION 16+30.00
2) STATION 16+30.00 TO STATION 24+00.00
3) STATION 24+00.00 TO STATION 30+50.00

FULLY-ACTUATED OPERATION OF TEMPORARY SIGNAL

THE WORK ZONE SIGNAL CONTROL REQUIRED FOR THIS PROJECT AND SHOWN ON TRAFFIC SCDS MT-96.11, 96.20, AND 96.26 SHALL BE FULLY TRAFFIC-ACTUATED AND OPERATE IN A MANNER SIMILAR TO THAT DESCRIBED IN SECTION 733.02 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS.

THE INITIAL CONTROLLER TIMING SHALL BE AS FOLLOWS:

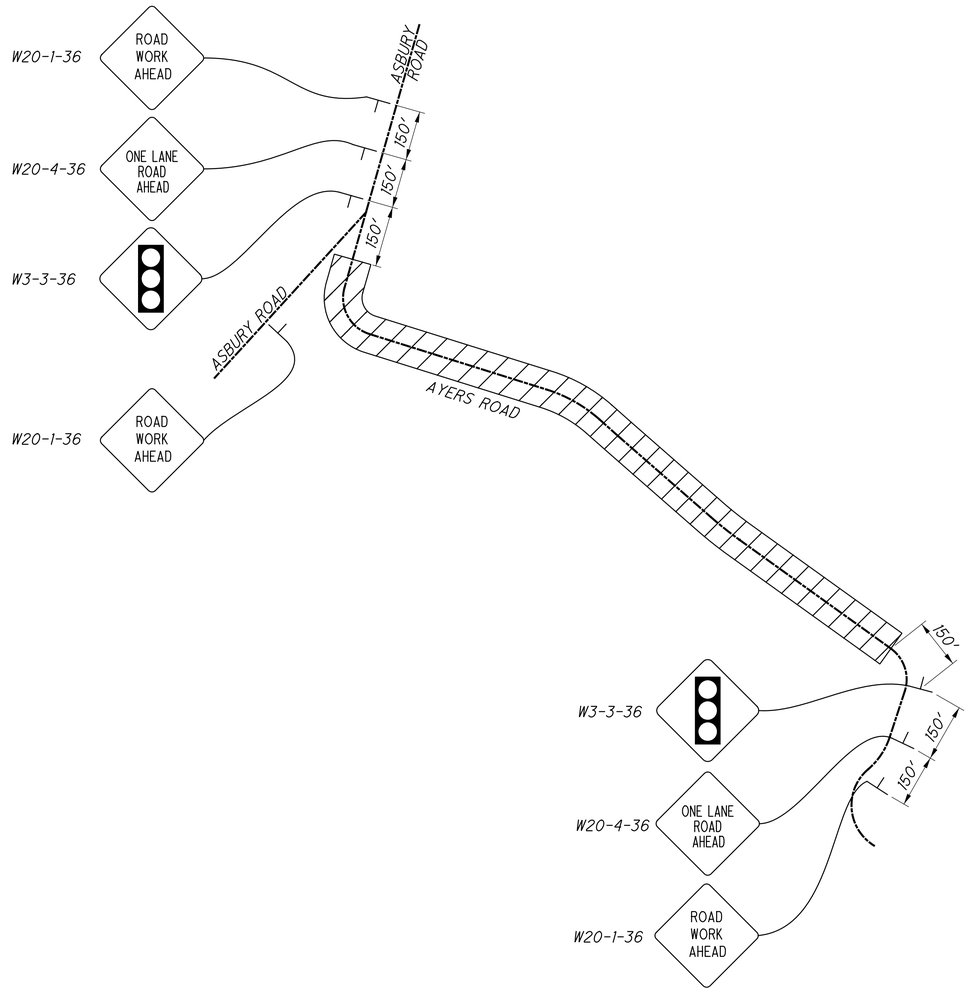
	SIGNAL PHASE			
	1	2	3	4
	(ALL RED) DUMMY PHASE	MAINLINE EASTBOUND	(ALL RED) DUMMY PHASE	MAINLINE WESTBOUND
MIN.GREEN		10		10
EXTENSION		4		4
MAX.GREEN		20		20
YELLOW		3.5		3.5
ALL RED	X		X	
RECALL	ON	OFF	OFF	OFF

PROVIDE TIMING APPROPRIATE FOR THE SIGNAL LOCATION AND WORK ZONE UNDER CONSIDERATION. TYPICAL FLOW RATES ARE DISPLAYED IN TABLE 697-2 IN THE ODOT TRAFFIC ENGINEERING MANUAL (TEM). CONTRACTOR TO PROVIDE SIGNAL TIMING TO THE ENGINEER FOR APPROVAL PRIOR TO OPERATION OF THE TEMPORARY SIGNAL. SIGNAL TIMING SHALL FOLLOW THE GUIDANCE OF THE TEM.

THE CONTRACTOR SHALL ALSO DESIGN, FURNISH, INSTALL AND MAINTAIN A TRAFFIC DETECTOR ON EACH TRAFFIC APPROACH WHICH WILL RELIABLY DETECT ALL LEGAL TRAFFIC APPROACHING (BUT NOT LEAVING) THE SIGNAL AS IT PASSES OR WAITS IN THE DESIGNATED DETECTOR ZONE SHOWN IN THE PLANS. DETECTOR DESIGNS WHICH DO NOT PROVIDE RELIABLE DETECTION, FREE FROM FALSE CALLS, SHALL BE IMMEDIATELY REPLACED BY THE CONTRACTOR.

THE COST OF ALL MATERIALS, LABOR, AND INCIDENTALS SHALL BE PAID FOR AS ITEM 614 SPECIAL - WORK ZONE TRAFFIC SIGNAL.

ADVANCE WARNING SIGNS LAYOUT

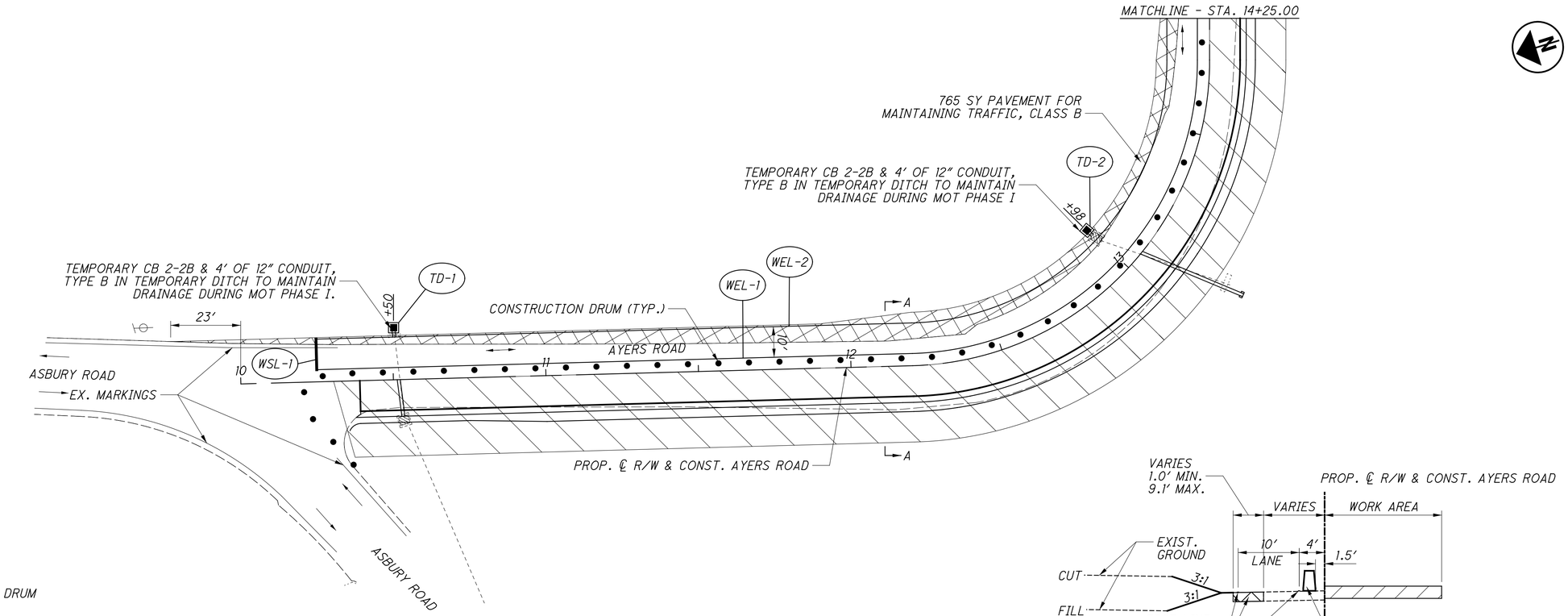


CALCULATED JAH CHECKED CJS

MAINTENANCE OF TRAFFIC NOTES

HAM-TR541

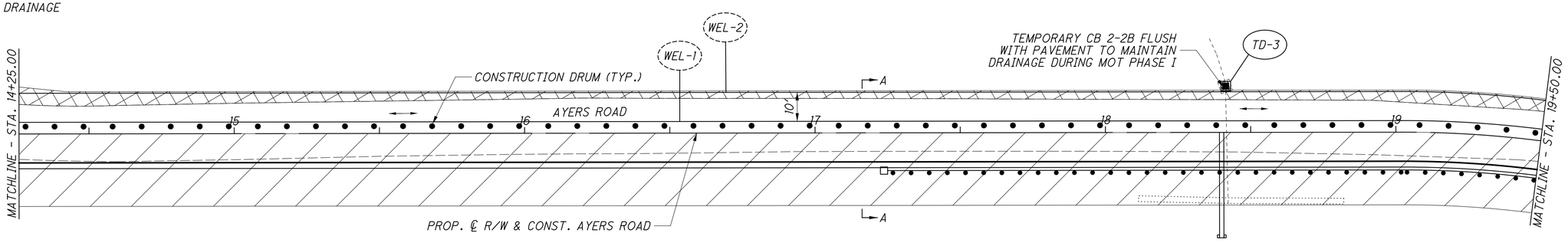
5
53



NOTE: 36" MINIMUM HEIGHT, REFLECTORIZED TRAFFIC CONES MAY BE SUBSTITUTED FOR CONSTRUCTION DRUMS

LEGEND

- CONSTRUCTION DRUM
- WORK AREA
- ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B
- DIRECTION OF TRAVEL
- WEL-X — WORK ZONE EDGE LINE
- WSL-X — WORK ZONE STOP LINE
- TD-X — TEMPORARY DRAINAGE



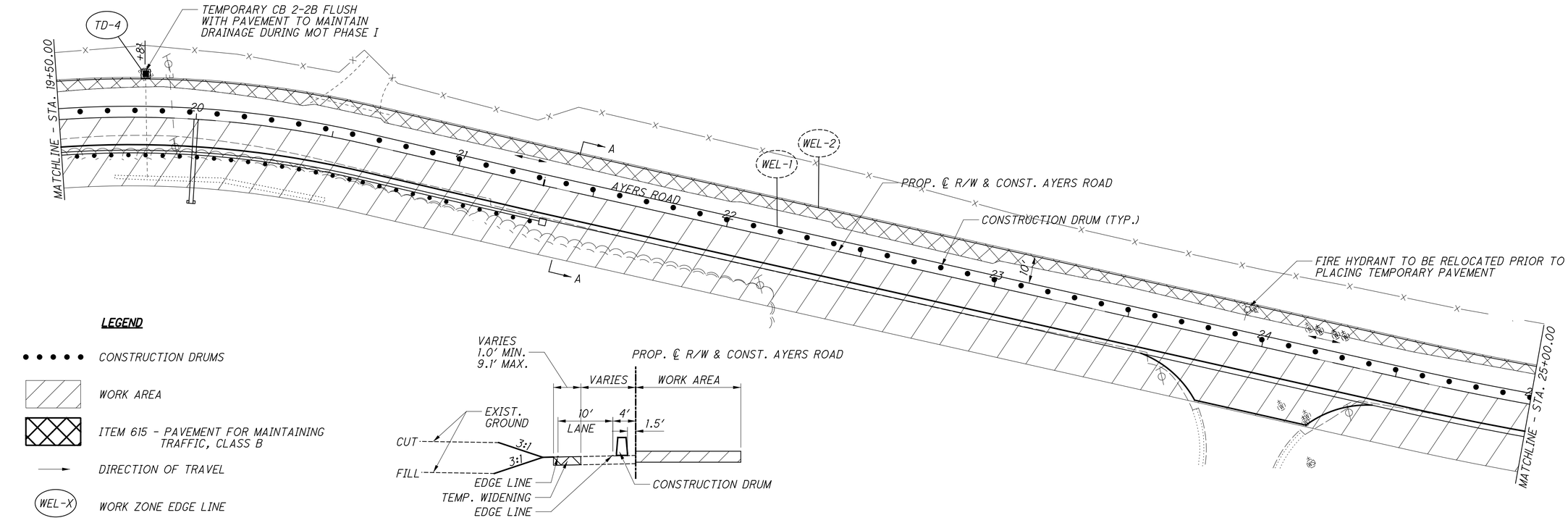
HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

CALCULATED JAH CHECKED CJS

MAINTENANCE OF TRAFFIC - PHASE I
STA. 10+00.00 TO STA. 19+50.00

HAM-TR541

6
53

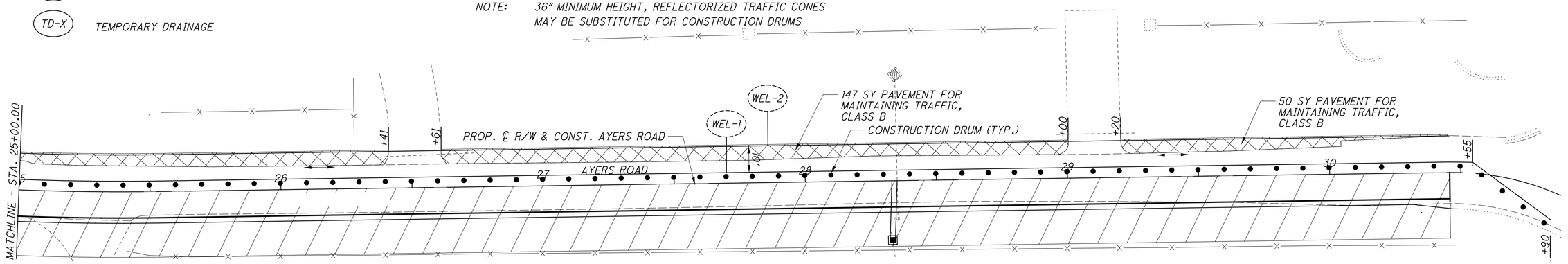


LEGEND

- CONSTRUCTION DRUMS
- WORK AREA
- ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B
- DIRECTION OF TRAVEL
- WEL-X — WORK ZONE EDGE LINE
- WSL-X — WORK ZONE STOP LINE
- TD-X — TEMPORARY DRAINAGE

SECTION A-A

NOTE: 36″ MINIMUM HEIGHT, REFLECTORIZED TRAFFIC CONES MAY BE SUBSTITUTED FOR CONSTRUCTION DRUMS



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JAH
CHECKED CJS

MAINTENANCE OF TRAFFIC PHASE I
STA. 19+50.00 TO STA. 30+50.00

HAM-TR541

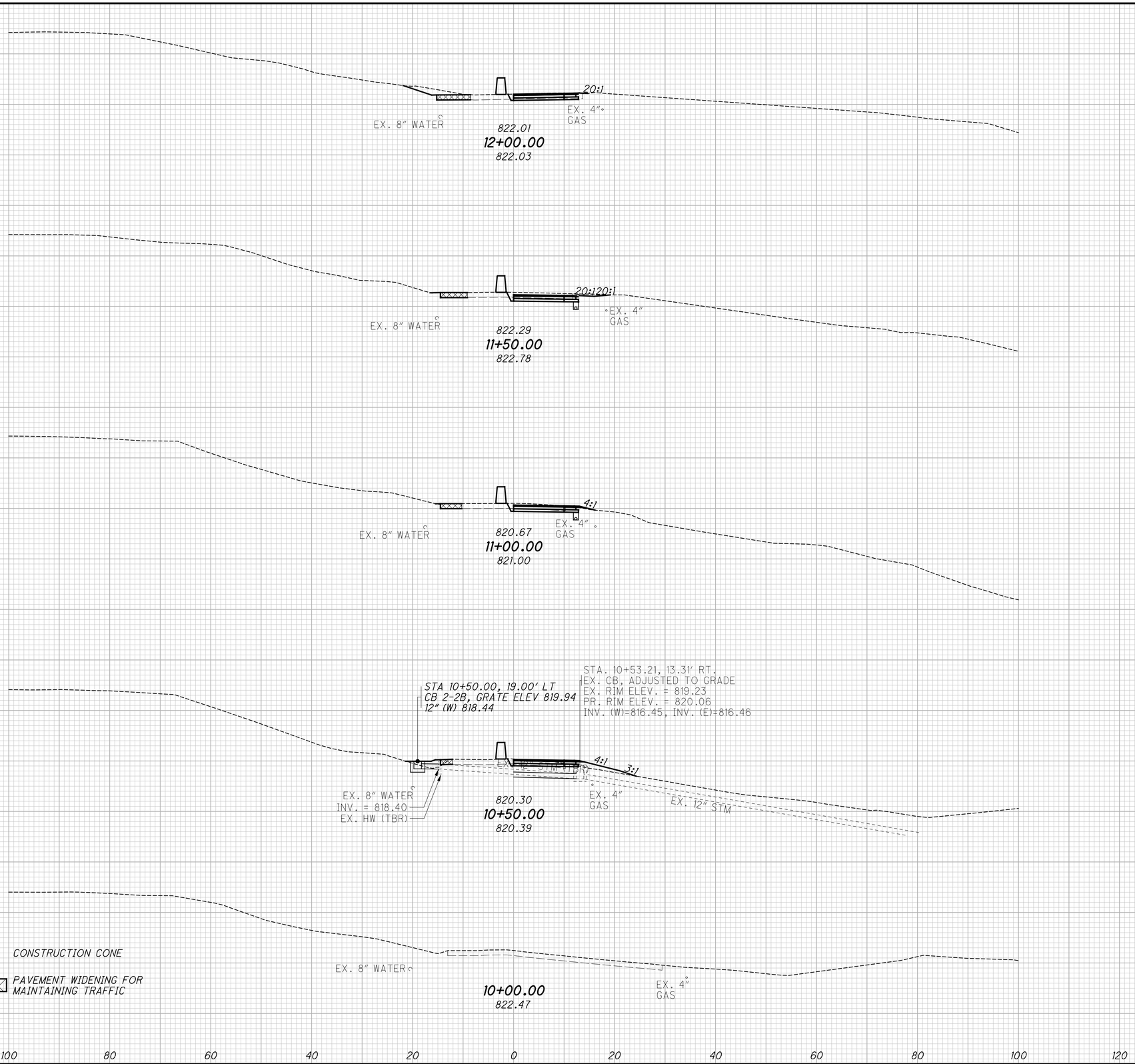
7
53

SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JAH

CHECKED CJS



MOT PHASE I CROSS SECTIONS STA. 10+00.00 TO STA. 12+00.00

HAM-TR541

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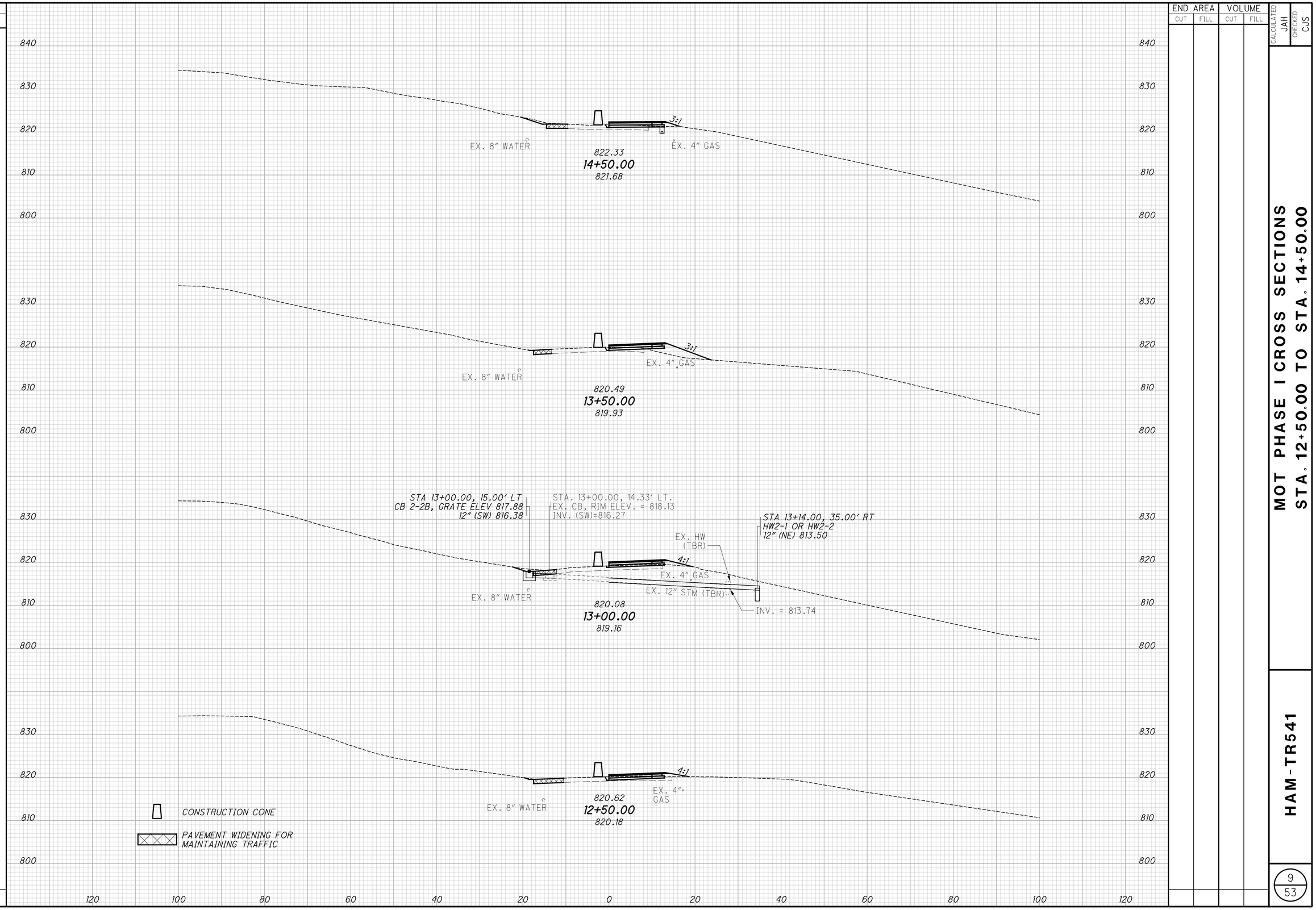
SEEDING	
END WIDTH	SQ. YDS.

END AREA	
CUT	FILL

VOLUME	
CUT	FILL

CALCULATED JAH
CHECKED CJS



MOT PHASE I CROSS SECTIONS
STA. 12+50.00 TO STA. 14+50.00

HAM-TR541

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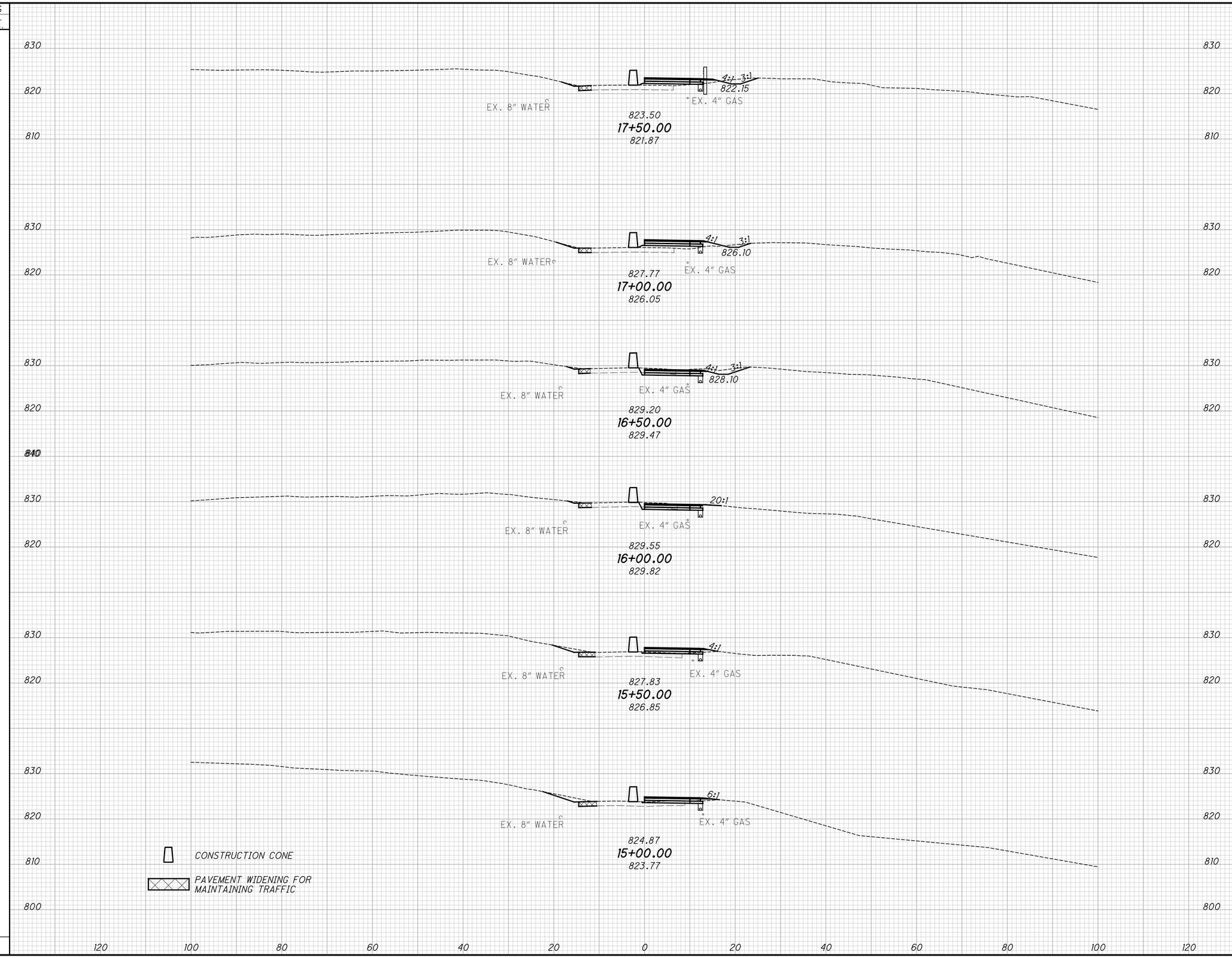
SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JAH
CHECKED CJS



MOT PHASE I CROSS SECTIONS STA. 15+00.00 TO STA. 17+50.00

HAM-TR541

SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JAH
CHECKED CJS

STA 19+81.40, 19.58' LT
CB 2-2B, GRATE ELEV 817.91
18" (S) 815.11

STA. 19+81.41, 16.06' LT.
EX. CB, RIM ELEV. = 817.56
INV. (S)=815.0±

EX. STONE WALL (TBR)
EX. 18" STM (TBR)
2:1
EX. 8" WATER
EX. 4" GAS
819.63
20+00.00
818.11
INV. = 811.37
INV. = 812.13

EX. 8" WATER
2:1
EX. 4" GAS
818.48
19+50.00
817.97

EX. 8" WATER
2:1
EX. 4" GAS
818.30
19+00.00
817.53

STA 18+41.25, 17.12' LT
CB 2-2B, GRATE ELEV 816.18
18" (S) 813.55±

STA. 18+41.26, 15.82' LT.
EX. CB, RIM ELEV. = 816.88
INV. (N)=813.50±, INV. (S)=813.50±

EX. STONE WALL (TBR)
2:1
INV. = 815.64
EX. 15" STM
EX. 8" WATER
EX. 18" STM (TBR)
EX. 4" GAS
INV. = 809.54
819.07
18+50.00
817.15
INV. = 807.83

EX. 8" WATER
2:1
EX. 4" GAS
820.81
18+00.00
818.40

CONSTRUCTION CONE

PAVEMENT WIDENING FOR MAINTAINING TRAFFIC

830 820 810 800

120 100 80 60 40 20 0 20 40 60 80 100 120

MOT PHASE I CROSS SECTIONS
STA. 18+00.00 TO STA. 20+00.00

HAM-TR541

11
53

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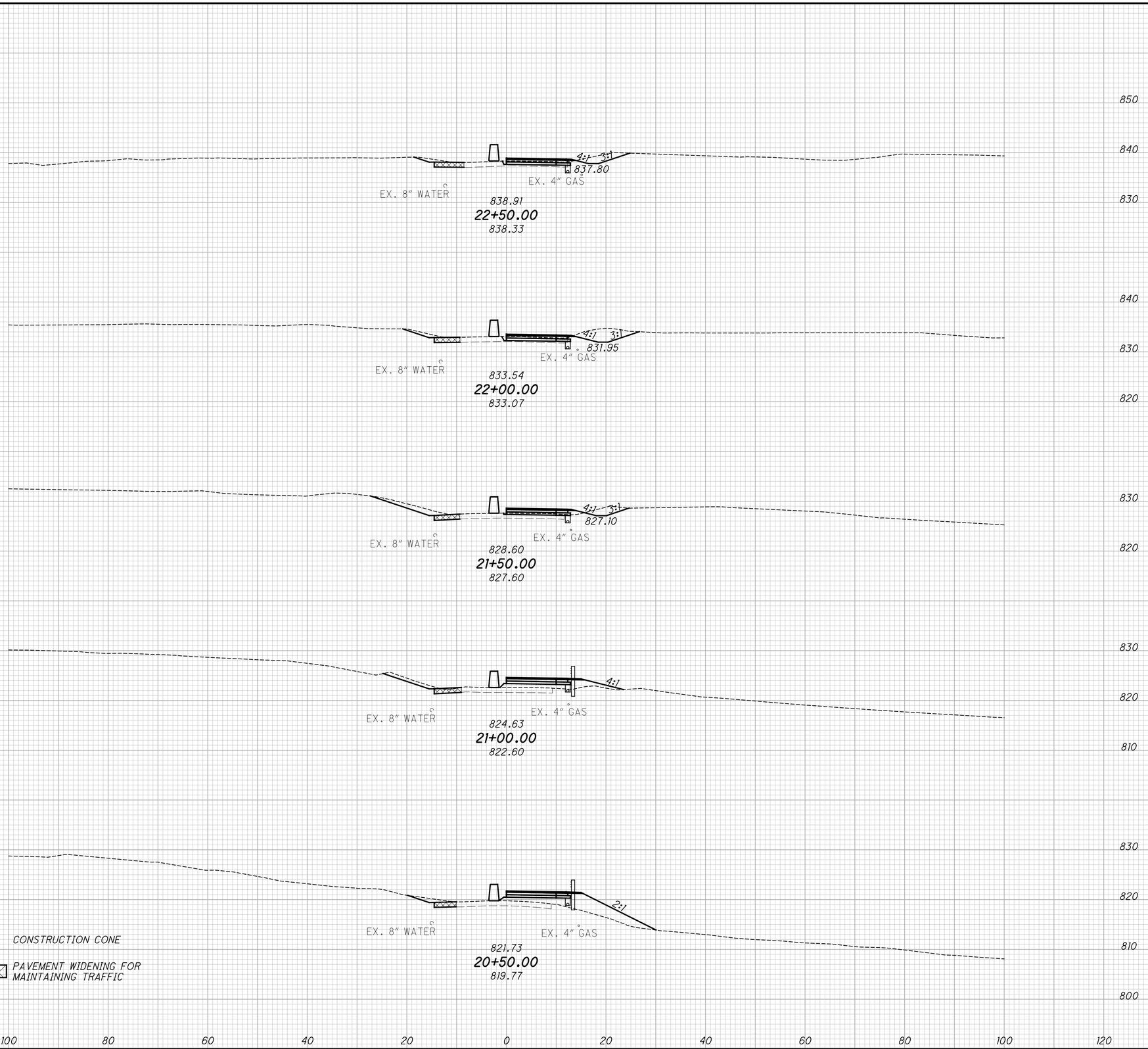
SEEDING	
END WIDTH	SQ. YDS.

END AREA	
CUT	FILL

VOLUME	
CUT	FILL

CALCULATED JAH
CHECKED CJS



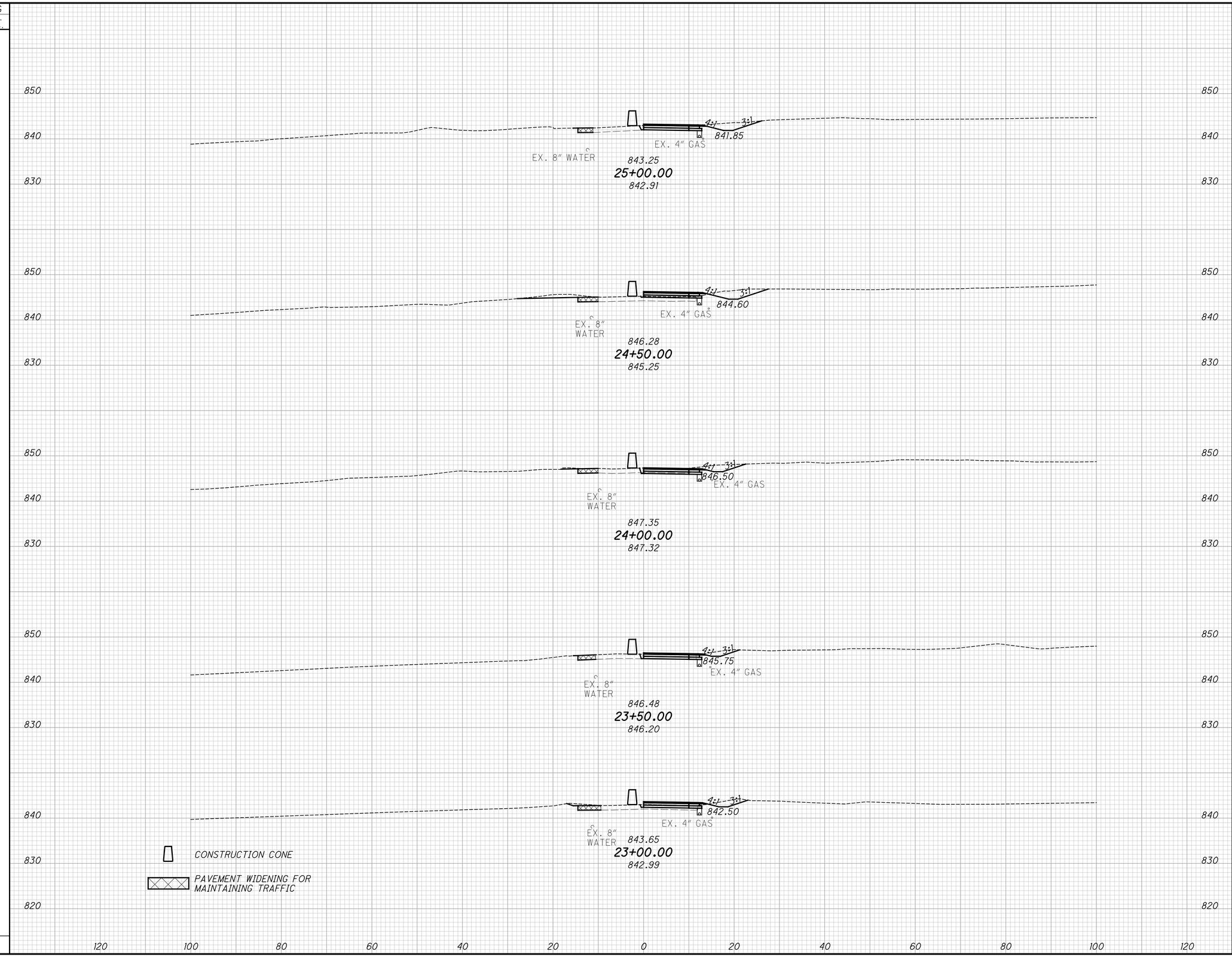
MOT PHASE I CROSS SECTIONS STA. 20+50.00 TO STA. 22+50.00

HAM-TR541

SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JAH
CHECKED CJS



MOT PHASE I CROSS SECTIONS
STA. 23+00.00 TO STA. 25+00.00

HAM-TR541

13
53

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SEEDING	
END WIDTH	SQ. YDS.

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JAH
CHECKED CJS

STA. 28+00.81, 32.13' LT.
EX. MH, RIM ELEV. = 835.33
INV. (E)=818.68

EX. 8" WATER
EX. 4" GAS
827.54
28+00.00
826.01
4:1
825.15

EX. 8" WATER
EX. 4" GAS
828.05
27+50.00
826.74
4:1
3:1
826.05

EX. 8" WATER
EX. 4" GAS
829.51
27+00.00
828.84
4:1
3:1
827.45

EX. 8" WATER
EX. 4" GAS
831.91
26+50.00
831.95
4:1
3:1
830.30

EX. 8" WATER
EX. 4" GAS
835.26
26+00.00
835.43
4:1
3:1
833.90

EX. 8" WATER
EX. TELE
EX. 4" GAS
839.24
25+50.00
839.22
4:1
3:1
837.85

CONSTRUCTION CONE

PAVEMENT WIDENING FOR MAINTAINING TRAFFIC

820 830 840

140 120 100 80 60 40 20 0 20 40 60 80 100 120

MOT PHASE I CROSS SECTIONS
STA. 25+50.00 TO STA. 28+00.00

HAM-TR541

14
53

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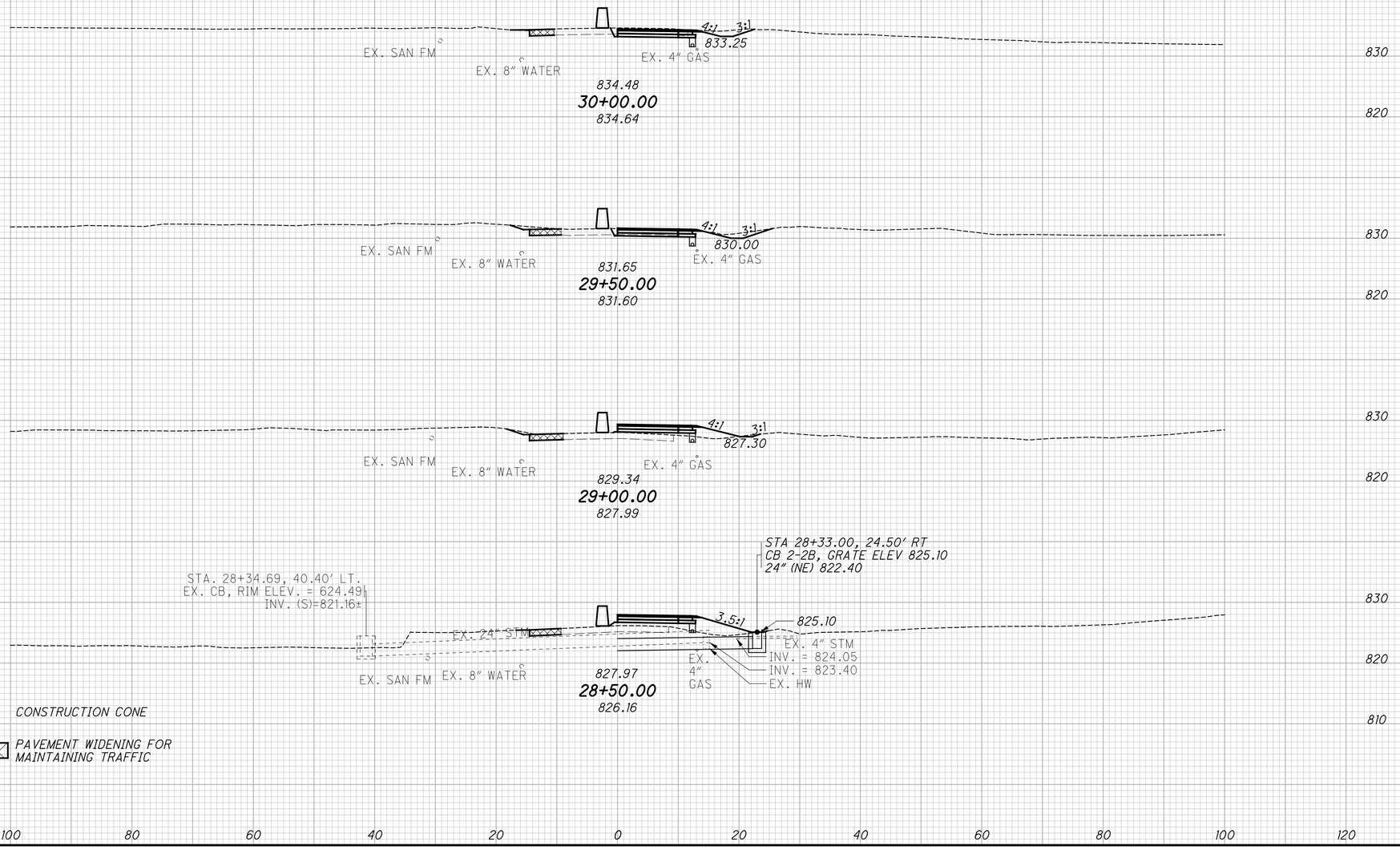
SEEDING	
END WIDTH	SQ. YDS.

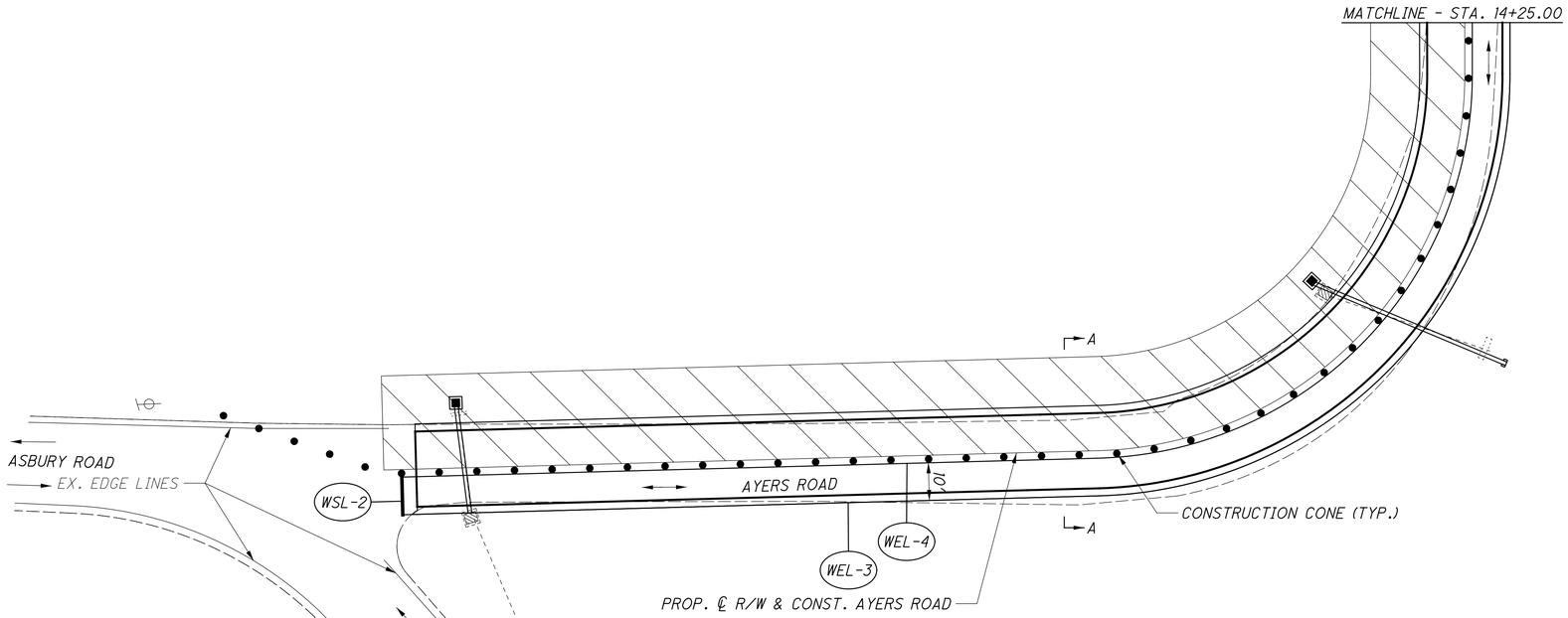
END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JAH
CHECKED CJS



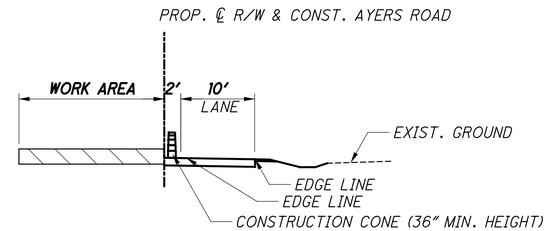
MOT PHASE I CROSS SECTIONS STA. 28+50.00 TO STA. 30+00.00

HAM-TR541

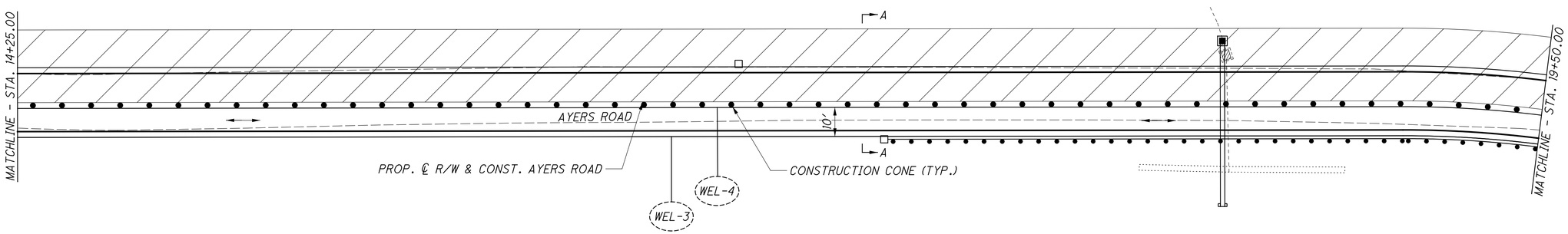


LEGEND

- CONSTRUCTION DRUMS
- WORK AREA
- ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC
- DIRECTION OF TRAVEL
- WEL-X — WORK ZONE EDGE LINE
- WSL-X — WORK ZONE STOP LINE



SECTION A-A

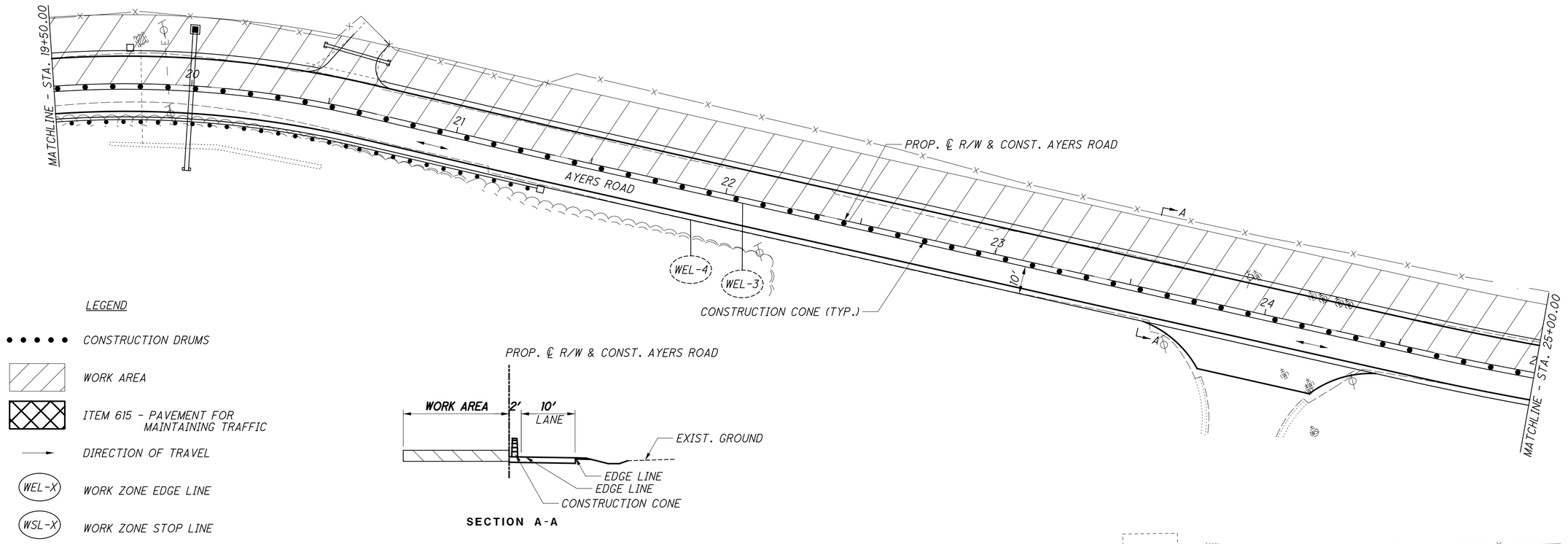


HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JAH
CHECKED CJS

MAINTENANCE OF TRAFFIC - PHASE II
STA. 10+00.00 TO STA. 19+50.00

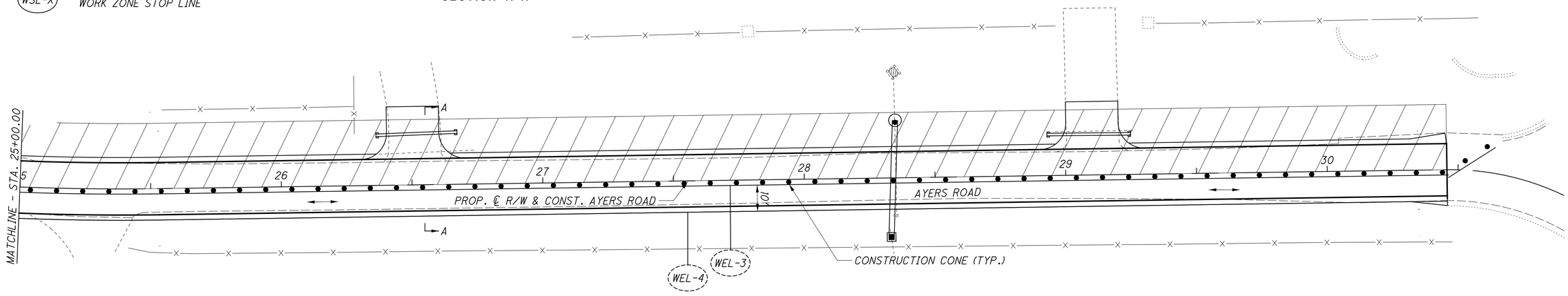
HAM-TR541



LEGEND

- CONSTRUCTION DRUMS
- WORK AREA
- ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC
- DIRECTION OF TRAVEL
- WEL-X — WORK ZONE EDGE LINE
- WSL-X — WORK ZONE STOP LINE

SECTION A-A



HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

CALCULATED JAH
CHECKED CJS

MAINTENANCE OF TRAFFIC PHASE II
STA. 19+50.00 TO STA. 30+50.00

HAM-TR541

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53

MAINTENANCE OF TRAFFIC SUBSUMMARY

SHEET NO.	REFERENCE NO.	STATION FROM	STATION TO	SIDE	611		614			615
					12" CONDUIT, TYPE B	CATCH BASIN, NO. 2-2B	WORK ZONE EDGE LINE, CLASS I, 4" (WHITE)	WORK ZONE EDGE LINE, CLASS I, 4" (YELLOW)	WORK ZONE STOP LINE, CLASS I	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B
					FT	EACH	MILE	MILE	FT	SY
6-7	WEL-1	10+25.00	30+89.60	LT				0.38		
6-7	WEL-2	10+25.00	30+45.75	LT			0.37			
16-17	WEL-3	10+35.00	30+45.75	RT			0.38			
16-17	WEL-4	10+35.00	30+62.80	RT				0.38		
6	WSL-1	10+25.00		LT					10	
16	WSL-2	10+35.00		RT					10	
6-7		10+00.00	26+41.25	LT						765
7		26+61.30	29+00.50	LT						147
7		29+20.50	30+45.20	LT						50
6	TD-1	10+50.00		LT	4	1				
6	TD-2	12+98.00		LT	4	1				
6	TD-3	18+40.00		LT		1				
7	TD-4	19+81.00		LT		1				
TOTALS CARRIED TO GENERAL SUMMARY					8	4	0.75	0.76	20	962

CALCULATED MDS
CHECKED JAH

HAM-TR541

SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4		18	21	22	27	41						01/STR/BR							
																		ROADWAY	
												LS		201	11000	LS		CLEARING AND GRUBBING	
			2									2		202	11004	2	EACH	STRUCTURE REMOVED	
			3									3		202	20010	3	EACH	HEADWALL REMOVED	
				4,611								4,611		202	23000	4,611	SY	PAVEMENT REMOVED	
			286									286		202	35100	286	FT	PIPE REMOVED, 24" AND UNDER	
			3									3		202	58100	3	EACH	CATCH BASIN REMOVED	
					888							888		203	10000	888	CY	EXCAVATION	
					2,703							2,703		203	20000	2,703	CY	EMBANKMENT	
				5,801								5,801		204	10000	5,801	SY	SUBGRADE COMPACTION	
												3		204	45000	3	HOUR	PROOF ROLLING	
			704									704		SPECIAL	60655000	704	FT	CABLE BARRIER	
			413									413		609	28000	413	FT	CURB, TYPE 7	
												8		623	40500	8	EACH	REFERENCE MONUMENT	
												3		623	40520	3	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
																		EROSION CONTROL	
5,665												5,665		659	10000	5,665	SY	SEEDING AND MULCHING	
1,130												1,130		659	14000	1,130	SY	REPAIR SEEDING AND MULCHING	
4.6												4.6		659	20000	4.6	TON	COMMERCIAL FERTILIZER	
1.2												1.2		659	31000	1.2	ACRE	LIME	
150												150		659	35000	150	MGAL	WATER	
												LS		832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
												1		832	30000	1	EACH	EROSION CONTROL	
																		DRAINAGE	
			2.1									2.1		602	20000	2.1	CY	CONCRETE MASONRY	
			3,729									3,729		605	14000	3,729	FT	6" BASE PIPE UNDERDRAINS	
			187									187		611	00510	187	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
		8	84									92		611	04400	92	FT	12" CONDUIT, TYPE B	
			82									82		611	04900	82	FT	12" CONDUIT, TYPE D	
			108									108		611	07400	108	FT	18" CONDUIT, TYPE B	
			47									47		611	10400	47	FT	24" CONDUIT, TYPE B	
		4	5									9		611	98470	9	EACH	CATCH BASIN, NO. 2-2B	
			1									1		611	98630	1	EACH	CATCH BASIN ADJUSTED TO GRADE	
			1									1		611	99574	1	EACH	MANHOLE, NO. 3	
			2									2		611	99710	2	EACH	PRECAST REINFORCED CONCRETE OUTLET	
																		PAVEMENT	
				927								927		301	46000	927	CY	ASPHALT CONCRETE BASE, PG64-22	
				967								967		304	20000	967	CY	AGGREGATE BASE	
				614								614		407	10000	614	GAL	TACK COAT	
				56								56		411	10000	56	CY	STABILIZED CRUSHED AGGREGATE	
				191								191		441	50000	191	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
				268								268		441	50300	268	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	
																		TRAFFIC CONTROL	
						44						44		630	03100	44	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
						25						25		630	80100	25	SF	SIGN, FLAT SHEET	
						13						13		630	85100	13	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
						13						13		630	86010	13	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
						0.75						0.75		644	00100	0.75	MILE	EDGE LINE, 4"	
						0.37						0.37		644	00300	0.37	MILE	CENTER LINE	
						10						10		644	00500	10	FT	STOP LINE	

CALCULATED JDF CHECKED JAH

GENERAL SUMMARY

HAM-TR541

SHEET NUM.	PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
5	01/STR/BR						
						MAINTENANCE OF TRAFFIC	
2	2	SPECIAL	61411300	2	EACH	WORK ZONE TRAFFIC SIGNAL	
	1.51	614	22000	1.51	MILE	WORK ZONE EDGE LINE, CLASS I, 4"	
	20	614	26000	20	FT	WORK ZONE STOP LINE, CLASS I	
	962	615	25000	962	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	
10	10	616	10000	10	MGAL	WATER	
						INCIDENTALS	
	LS	614	11000	LS		MAINTAINING TRAFFIC	
	6	619	16010	6	MNTH	FIELD OFFICE, TYPE B	
	LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
	LS	624	10000	LS		MOBILIZATION	

CALCULATED JDF
CHECKED JAH

GENERAL SUMMARY

HAM-TR541

REF NO.	SHEET NO.	STATION FROM	STATION TO	SIDE	202 - REMOVALS: PIPE, 24" AND UNDER	202 - REMOVALS: CATCH BASIN	202 - REMOVALS: HEADWALL	202 - REMOVALS: STRUCTURE REMOVED	602: CONCRETE MASONRY	605: 6" BASE PIPE UNDERDRAINS	606: SPECIAL CABLE BARRIER	609: CURB, TYPE 7	611 - DRAINAGE: 6", TYPE F, FOR UNDERDRAIN OUTLETS	611 - DRAINAGE: 12" CONDUIT, TYPE B	611 - DRAINAGE: 24" CONDUIT, TYPE B	611 - DRAINAGE: 18" CONDUIT, TYPE B	611 - DRAINAGE: 12" CONDUIT, TYPE D	611 - DRAINAGE: CATCH BASIN, NO. 2-2B	611 - DRAINAGE: MANHOLE, NO. 3	611 - DRAINAGE: CATCH BASIN, ADJUSTED TO GRADE	611 - DRAINAGE: PRECAST REINFORCED CONCRETE OUTLET	INFO. ONLY: 6" X 22.5° BEND	INFO. ONLY: 6" X 45° BEND	INFO. ONLY: 6" X 90° BEND	INFO. ONLY: 6" X 6" TEE
					FT	EACH	EACH	EACH	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH			
R-1	23	10+50.00		LT	28		1																		
R-2	23	13+00.00		LT	45	1																			
R-3	23	13+15.00		RT			1																		
R-4	24	18+41.00		LT	39	1																			
R-5	24	18+11.00	18+82.00	RT				1																	
R-6	25	19+81.00		LT	37	1																			
R-7	25	19+70.00	20+52.00	RT				1																	
R-8	25	20+39.00	20+71.00	LT	30																				
R-9	26	26+37.00	26+75.00	LT	38																				
R-10	26	28+35.00		LT/RT	38		1																		
R-11	26	28+96.00	29+27.00	LT	31																				
U-1	23	10+50.00	11+72.00	LT						123															
U-2	23	10+55.00	11+72.00	RT						183															
U-3	23-24	11+73.00	16+18.00	LT						277			9												
U-4	23-24	11+73.00	16+18.00	RT						296															
U-5	23	12+93.50		RT									26								1				
U-6	24-25	16+18.00	19+17.00	LT						300			84												
U-7	24-25	16+18.00	19+17.00	RT						299															
U-8	25	19+17.40		RT									9								1				
U-9	25	19+17.00	24+08.00	LT						492															
U-10	25	19+17.00	24+08.00	RT						484															
U-11	25-26	24+08.00	30+45.00	LT						636			29												
U-12	25-26	24+08.00	30+46.00	RT						639			30												
GR-1	24-25	16+75.00	19+77.00	LT							304														
GR-2	24-25	17+25.00	21+33.00	RT							400														
C-1	23	10+75.00	12+40.00	LT								163													
C-2	23-24	14+25.00	16+75.00	LT								250													
D-1	23	10+50.00		LT										30				1							
D-2	23	10+53.00		RT																1					
D-3	23	13+00.00	13+13.00	LT/RT					0.21					54				1							
D-4	24	18+40.00		LT/RT					0.33							57		1							
D-5	25	20+00.00		LT/RT					0.33							51		1							
D-6	25	20+45.00	20+71.00	LT					0.42								19								
D-7	26	NOT USED		RT																					
D-8	26	26+36.00	26+68.00	LT					0.42								31								
D-9	26	28+35.00		LT															1						
D-10	26	28+33.00		RT											47			1							
D-11	26	28+93.00	29+25.00	LT					0.42								32								
	23	10+60.00		RT																		1			
	23	10+58.00		LT																			1		
	23	12+93.50		RT																					1
	25	19+17.40		LT																				1	1
	25	19+17.40		RT																					1
TOTALS CARRIED TO GENERAL SUMMARY					286	3	3	2	2	3729	704	413	187	84	47	108	82	5	1	1	2	1	1	1	3

CALCULATED MDS CHECKED JAH

ESTIMATED QUANTITIES

HAM-TR541

STATION TO STATION		SIDE	LENGTH L	AVERAGE WIDTH W	SURFACE AREA A A=LxW	PLANIMETERED AREAS	202 PAVMENT REMOVED	204 SUBGRADE COMPACTION	301 AHPHALT CONCRETE BASE	304 AGGREGATE BASE	407 NON-TRACKING TACK COAT (0.055 GAL/SY)	411 STABILIZED CRUSHED AGGREGATE	441 ASPHALT CONCRETE SURFACE COURSE	441 ASPHALT CONCRETE INTERMEDIATE COURSE					
FROM	TO		FT	FT	SF	SF	SY	SY	CY	CY	GAL	CY	CY	CY					
STATION TO STATION		SIDE	LENGTH L	AVERAGE WIDTH W	SURFACE AREA A A=LXW	PLANIMETERED AREAS	202 PAVEMENT REMOVED	204 SUBGRADE COMPACTION	301 ASPHALT CONCRETE BASE	304 AGGREGATE BASE	407 TACK COAT (0.055 GAL/SY)	411 STABILIZED CRUSHED AGGREGATE	441 ASPHALT CONCRETE SURFACE COURSE	441 ASPHALT CONCRETE INTERMEDIATE COURSE					
FROM	TO		FT	FT	SF	SF	SY	SY	CY	CY	GAL	CY	CY	CY					
10+39.00	14+25.00	CL				7782	865												
10+39.00	14+25.00	CL	386	24	9264						113		36	50					
10+39.00	14+25.00	CL	386	24.5	9457				175										
10+39.00	14+25.00	CL	386	25	9650			1072		179									
10+39.00	14+25.00	LT/RT	772	1.5	1158							11							
14+25.00	19+00.00	CL				8838	982												
14+25.00	19+00.00	CL	475	24	11400						139		44	62					
14+25.00	19+00.00	CL	475	24.5	11638				216										
14+25.00	19+00.00	CL	475	25	11875			1319		220									
14+25.00	19+00.00	LT/RT	950	1.5	1425							13							
19+00.00	25+00.00	CL				12137	1349												
19+00.00	25+00.00	CL	600	24	14400						176		56	78					
19+00.00	25+00.00	CL	600	24.5	14700				272										
19+00.00	25+00.00	CL	600	25	15000			1667		278									
19+00.00	25+00.00	LT/RT	1200	1.5	1800							17							
25+00.00	30+45.76	CL				10366	1152												
25+00.00	30+45.76	CL	545.76	24	13098						160		51	71					
25+00.00	30+45.76	CL	545.76	24.5	13371				248										
25+00.00	30+45.76	CL	545.76	25	13644			1516		253									
25+00.00	30+45.76	LT/RT	1091.52	1.5	1637							15							
20+39.00	20+74.00	LT				305	34	34		6	4		1	2					
26+30.00	26+70.00	LT				443	49	49		8	5		2	2					
28+90.00	29+30.00	LT				405	45	45		8	5		2	2					
ROAD APPROACH	24+01	RT				889	99	99	16	16	11		1	2					
TOTALS CARRIED TO GENERAL SUMMARY							4574	5801	927	967	614	56	191	268					

CALCULATED MDS
CHECKED JAH

PAVEMENT CALCULATIONS

HAM-TR541

MATCHLINE - STA. 14+25.00

PROP. ℄ R/W & CONST. AYERS ROAD

EX. 8" WATER MAIN (DND)

EXIST. FENCE (DND)

PR. DITCH

EQUATION:
P.T. STA. 13+74.71 BK =
P.O.T. STA. 14+12.37 AH

PROP. UNDERDRAIN

EXIST. POLE (TBRBO)

PR. 4" GAS BY OTHERS

EX. 3" GAS (TBABO)

REMOVE HW

HW-2.1 OR HW-2.2

P.I. Sta. 13+17.66
Δ = 88° 30' 51" (LT)
Dc = 57° 17' 45"
R = 100.00'
T = 97.44'
L = 154.49'
E = 39.62'
C = 139.58'
C.B. = S 28° 22' 03" E

BEGIN WORK
STA. 10+25.00

BEGIN PROJECT
STA. 10+39.00

POT STA. 10+00.00

PR. 8" WATER BY OTHERS

CB 2-2B

REMOVE HW & 12" STM

6"x45° BEND

PR. DITCH

CONST. LIMITS

PR. 8" WATER BY OTHERS

TYPE 7 CURB

EX. WATER VALVE (TBRBO)

P.C. STA. 12+20.22

CB 2-2B
REMOVE CB

12" TYPE B

54'-12" TYPE B @ 6.10%

REMOVE EX. 12" STM

6"x6" TEE

PROP. UNDERDRAIN OUTLET

EX. 3" GAS (DND)

EXIST. POLE (DND)

6"x22.5° BEND

EXIST. POLE

EX. GAS VALVE (DND)

EXIST. CB ADJUSTED TO GRADE

CONST. LIMITS

ASBURY ROAD

AYERS ROAD

S 15° 53' 22" W

D-1 R-1 D-2 U-1 C-1 U-2 U-3 R-2 D-3 U-4 U-5 R-3

Ex SH TMP HS Ex SH OH-Cable W

DND - DO NOT DISTURB
TBR - TO BE REMOVED
TBRBO - TO BE RELOCATED BY OTHERS
TBABO - TO BE ABANDONED BY OTHERS

820.54 820.16 820.20 820.67 821.49 822.10 822.39 822.36 822.01 821.40 820.84 820.44 820.18 820.08 820.13 820.33 820.69

850 840 830 820 810 800 790 780

STA 10+50.00, 17.30' LT
CB 2-2B, GRATE ELEV 819.25
12" (W) 817.25

820.57

-2.97 %

+4.47 %

P.V.I. STA 10+75.00
ELEV = 819.50'
70.00' VC

P.V.I. STA 11+60.00 ELEV = 823.30'
95.00' VC

+4.47 %

-3.17 %

PROFILE GRADE

EXISTING GROUND

STA 13+00.00, 19.05' LT
CB 2-2B, GRATE ELEV 818.30
12" (SW) 816.30

-3.17 %

+5.94 %

INV. = 813.50
HW-2.1 OR HW-2.2

P.V.I. STA 13+40.00 ELEV = 817.60'
240.00' VC

822.47 821.26 820.55 820.22 820.16 821.01 821.70 822.49 822.73 822.56 822.03 821.49 820.51 819.80 819.31 819.16 819.02 819.69 820.18

10 11 12 13

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JAH CHECKED CJS

PLAN AND PROFILE
STA. 10+00.00 TO STA. 14+25.00

HAM-TR541

23
53

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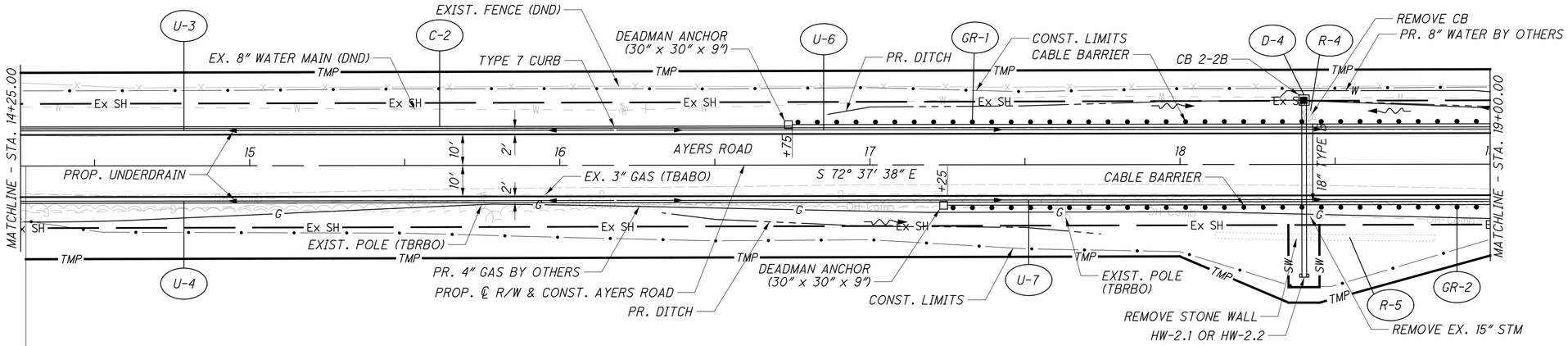
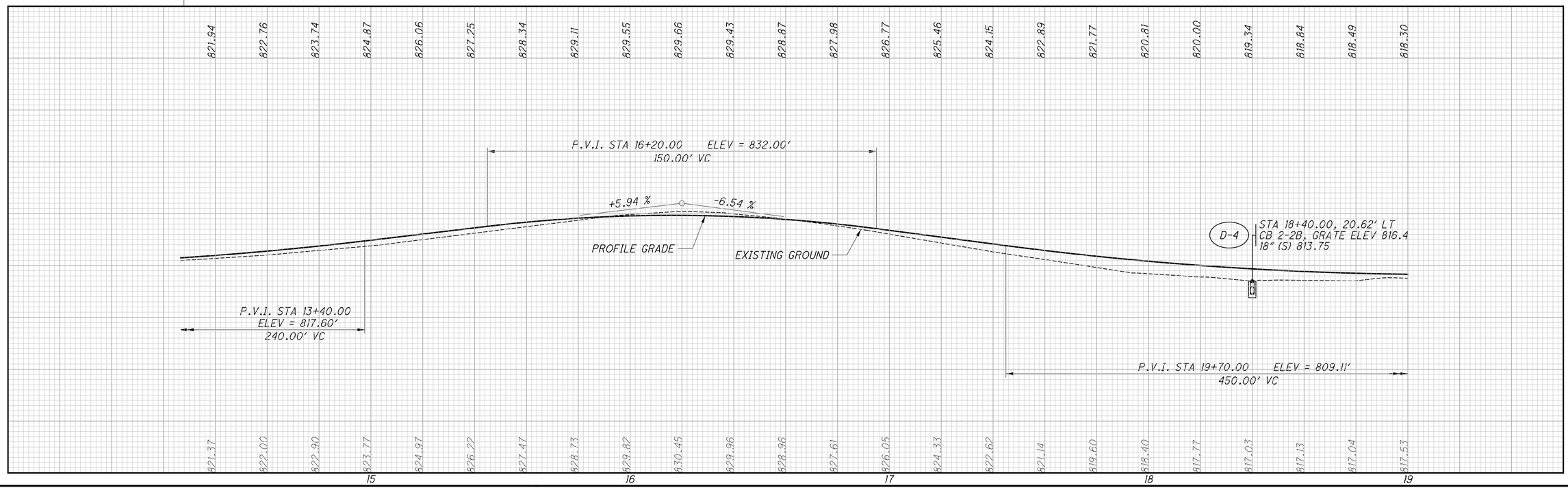


DND - DO NOT DISTURB
TBR - TO BE REMOVED
TBRBO - TO BE RELOCATED BY OTHERS
TBABO - TO BE ABANDONED BY OTHERS



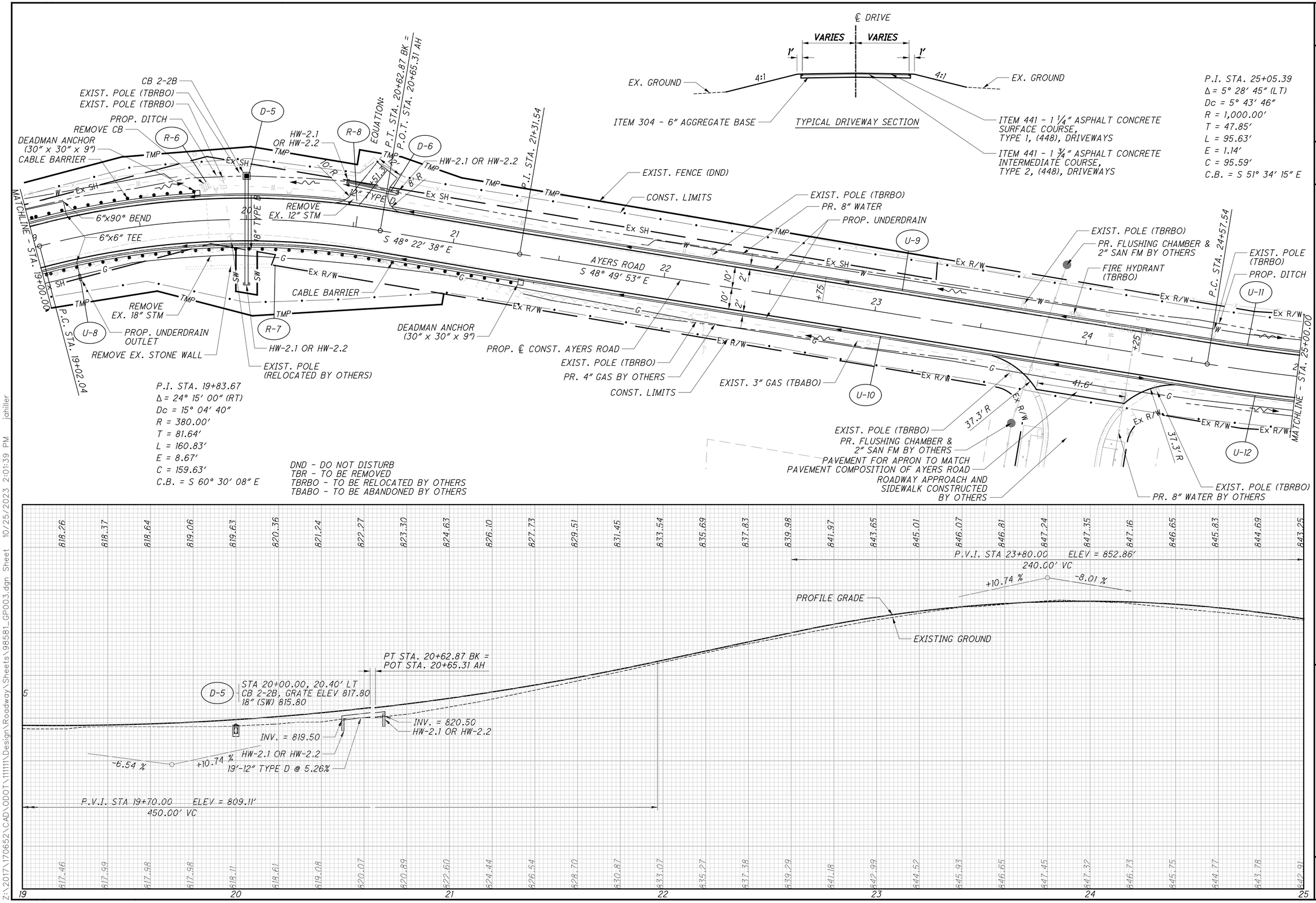
HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JAH
CHECKED CJS

PLAN AND PROFILE
STA. 14+25.00 TO STA. 19+00.00

HAM-TR541

24
53


℄ DRIVE
VARIES
VARIES
1'
1'
4:1
4:1
EX. GROUND
EX. GROUND
ITEM 304 - 6" AGGREGATE BASE
TYPICAL DRIVEWAY SECTION
ITEM 441 - 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), DRIVEWAYS
ITEM 441 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), DRIVEWAYS
P.I. STA. 25+05.39
Δ = 5° 28' 45" (LT)
Dc = 5° 43' 46"
R = 1,000.00'
T = 47.85'
L = 95.63'
E = 1.14'
C = 95.59'
C.B. = S 51° 34' 15" E
CB 2-2B
EXIST. POLE (TBRBO)
EXIST. POLE (TBRBO)
PROP. DITCH
REMOVE CB
DEADMAN ANCHOR (30" x 30" x 9") CABLE BARRIER
D-5
R-6
R-8
D-6
HW-2.1 OR HW-2.2
EQUATION: P.T. STA. 20+62.87 BK = P.O.T. STA. 20+65.31 AH
P.I. STA. 21+31.54
EXIST. FENCE (DND)
CONST. LIMITS
EXIST. POLE (TBRBO)
PR. 8" WATER
PROP. UNDERDRAIN
U-9
EXIST. POLE (TBRBO)
PR. FLUSHING CHAMBER & 2" SAN FM BY OTHERS
FIRE HYDRANT (TBRBO)
EXIST. POLE (TBRBO)
PROP. DITCH
U-11
P.C. STA. 24+57.54
MATCHLINE - STA. 25+00.00
10' R
51.3'
12" TYPE D
8" R
20
18" TYPE B
REMOVE EX. 12" STM
S 48° 22' 38" E
AYERS ROAD
S 48° 49' 53" E
21
22
23
24
+75
+25
10'
2'
6"x90° BEND
6"x6" TEE
MATCHLINE - STA. 19+00.00
P.C. STA. 19+02.04
U-8
PROP. UNDERDRAIN OUTLET
REMOVE EX. 18" STM
REMOVE EX. STONE WALL
CABLE BARRIER
R-7
HW-2.1 OR HW-2.2
EXIST. POLE (RELOCATED BY OTHERS)
DEADMAN ANCHOR (30" x 30" x 9")
PROP. ℄ CONST. AYERS ROAD
EXIST. POLE (TBRBO)
PR. 4" GAS BY OTHERS
CONST. LIMITS
EXIST. 3" GAS (TBABO)
U-10
U-12
41.6'
37.3' R
37.3' R
EXIST. POLE (TBRBO)
PR. FLUSHING CHAMBER & 2" SAN FM BY OTHERS
PAVEMENT FOR APRON TO MATCH PAVEMENT COMPOSITION OF AYERS ROAD
ROADWAY APPROACH AND SIDEWALK CONSTRUCTED BY OTHERS
EXIST. POLE (TBRBO)
PR. 8" WATER BY OTHERS
P.I. STA. 19+83.67
Δ = 24° 15' 00" (RT)
Dc = 15° 04' 40"
R = 380.00'
T = 81.64'
L = 160.83'
E = 8.67'
C = 159.63'
C.B. = S 60° 30' 08" E
DND - DO NOT DISTURB
TBR - TO BE REMOVED
TBRBO - TO BE RELOCATED BY OTHERS
TBABO - TO BE ABANDONED BY OTHERS
818.26 818.37 818.64 819.06 819.63 820.36 821.24 822.27 823.30 824.63 826.10 827.73 829.51 831.45 833.54 835.69 837.83 839.98 841.97 843.65 845.01 846.07 846.81 847.24 847.35 847.16 846.65 845.83 844.69 843.25
P.V.I. STA 23+80.00 ELEV = 852.86'
240.00' VC
+10.74 %
-8.01 %
PROFILE GRADE
EXISTING GROUND
PT STA. 20+62.87 BK = POT STA. 20+65.31 AH
D-5
STA 20+00.00, 20.40' LT
CB 2-2B, GRATE ELEV 817.80
18" (SW) 815.80
INV. = 820.50
HW-2.1 OR HW-2.2
INV. = 819.50
HW-2.1 OR HW-2.2
-6.54 %
+10.74 %
19'-12" TYPE D @ 5.26%
P.V.I. STA 19+70.00 ELEV = 809.11'
450.00' VC
817.46 817.99 817.98 817.98 818.11 818.61 819.08 820.07 820.89 822.60 824.44 826.54 828.70 830.87 833.07 835.27 837.38 839.29 841.18 842.99 844.52 845.93 846.65 847.45 847.32 846.73 845.75 844.77 843.78 842.91
19 20 21 22 23 24 25
N
HORIZONTAL SCALE IN FEET
0 10 20 40
CALCULATED JAH
CHECKED CJS
PLAN AND PROFILE
STA. 19+00.00 TO STA. 25+00.00
HAM-TR541
25
53
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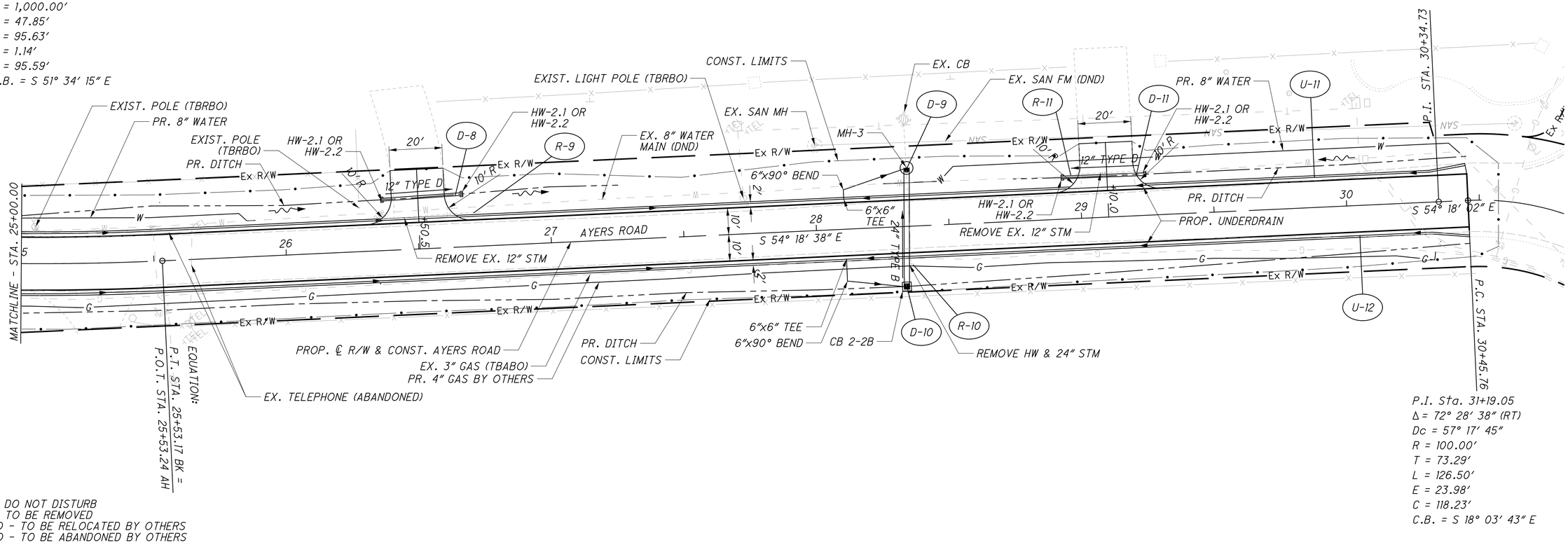
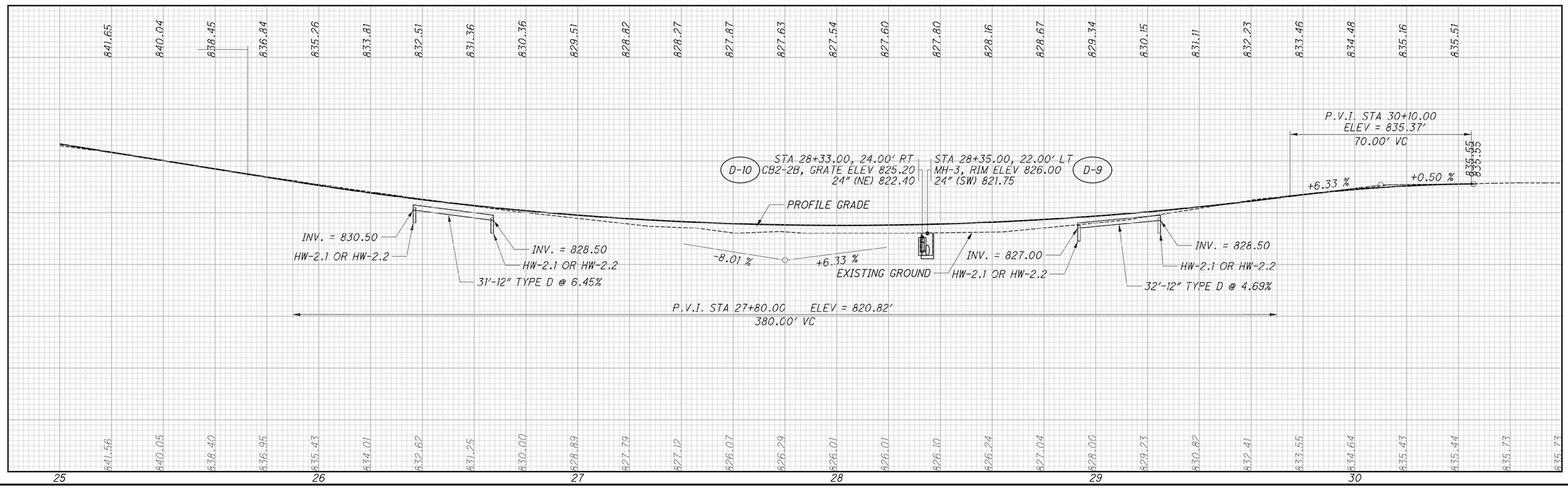
P.I. Sta. 25+05.39
Δ = 5° 28′ 45″ (LT)
Dc = 5° 43′ 46″
R = 1,000.00′
T = 47.85′
L = 95.63′
E = 1.14′
C = 95.59′
C.B. = S 51° 34′ 15″ E



P.I. Sta. 31+19.05
Δ = 72° 28′ 38″ (RT)
Dc = 57° 17′ 45″
R = 100.00′
T = 73.29′
L = 126.50′
E = 23.98′
C = 118.23′
C.B. = S 18° 03′ 43″ E

DND - DO NOT DISTURB
TBR - TO BE REMOVED
TBRBO - TO BE RELOCATED BY OTHERS
TBABO - TO BE ABANDONED BY OTHERS



PLAN AND PROFILE
STA. 25+00.00 TO STA. 30+50.00

HORIZONTAL SCALE IN FEET
0 10 20 40
CALCULATED JAH
CHECKED CJS

HAM-TR541

26
53

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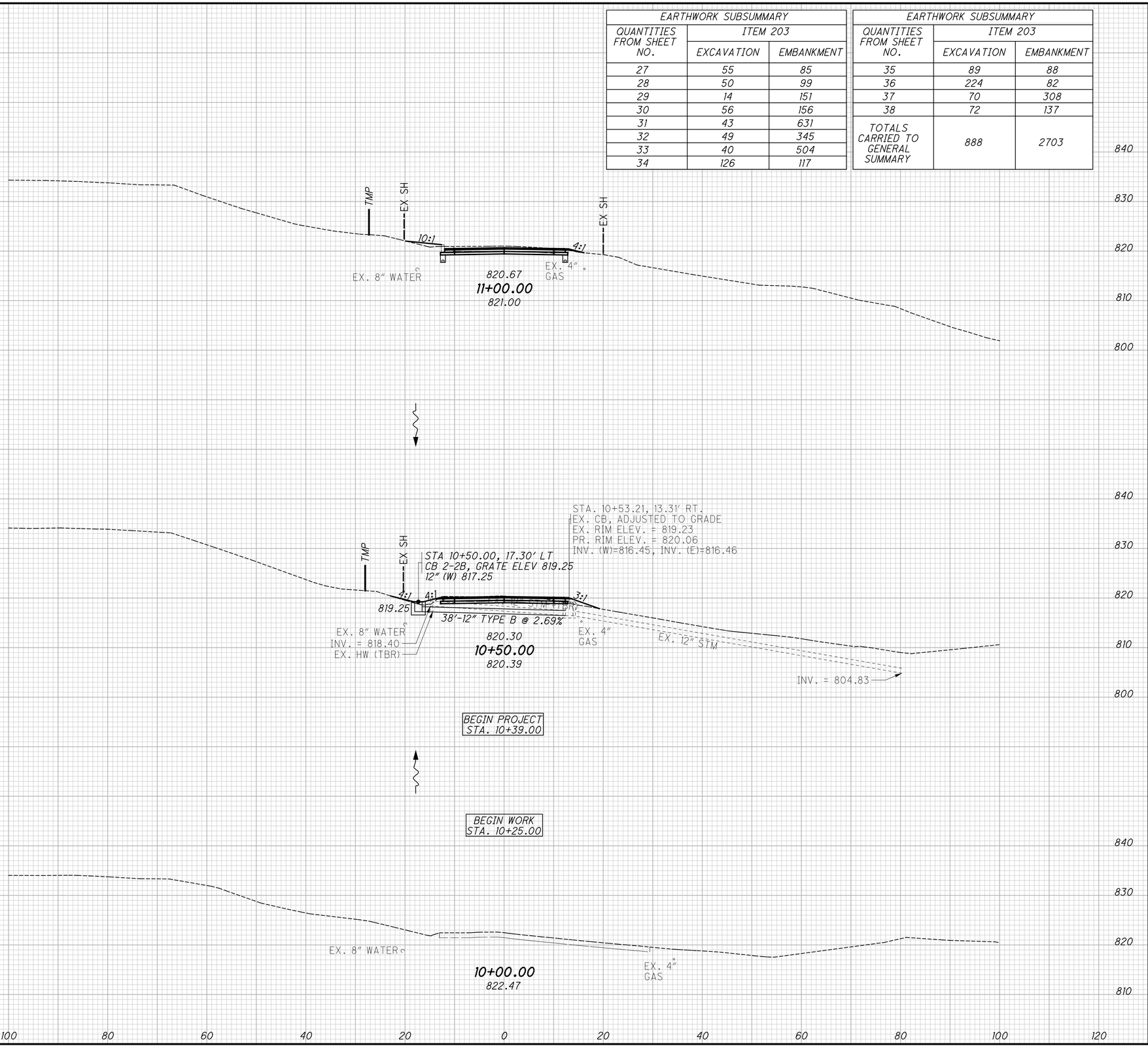
SEEDING	
END WIDTH	SQ. YDS.

EARTHWORK SUBSUMMARY		
QUANTITIES FROM SHEET NO.	ITEM 203	
	EXCAVATION	EMBANKMENT
27	55	85
28	50	99
29	14	151
30	56	156
31	43	631
32	49	345
33	40	504
34	126	117

EARTHWORK SUBSUMMARY		
QUANTITIES FROM SHEET NO.	ITEM 203	
	EXCAVATION	EMBANKMENT
35	89	88
36	224	82
37	70	308
38	72	137
TOTALS CARRIED TO GENERAL SUMMARY	888	2703



END AREA		VOLUME	
CUT	FILL	CUT	FILL
		33	39
17	21		
		22	46
7	29		
		55	85

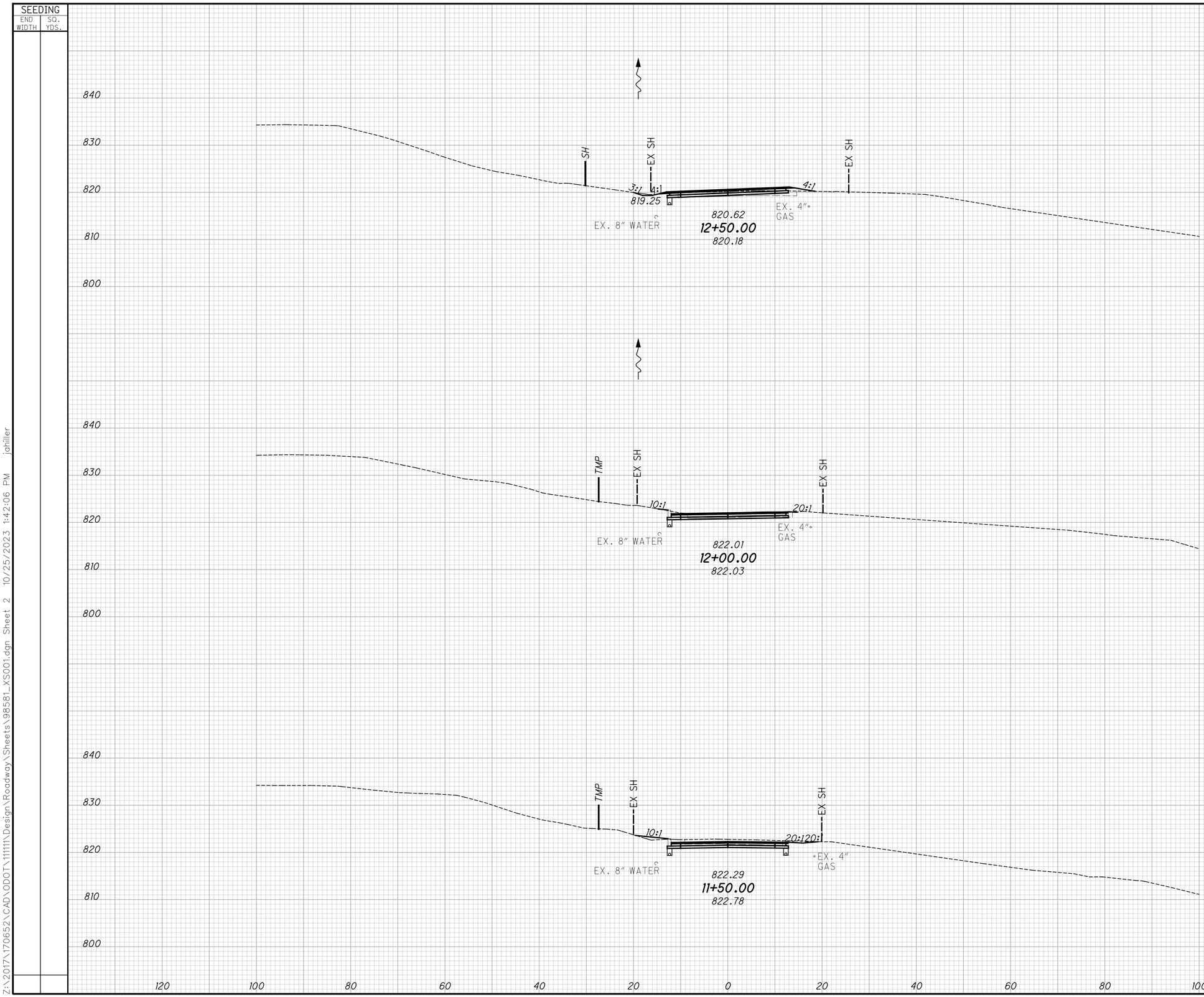
CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 10+00.00 TO STA. 11+00.00

HAM-TR553

27
53

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
		5	45
4	7		
		16	21
13	15		
		29	33
19	21		
		50	99

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 11+50.00 TO STA. 12+50.00

HAM-TR553

28
53

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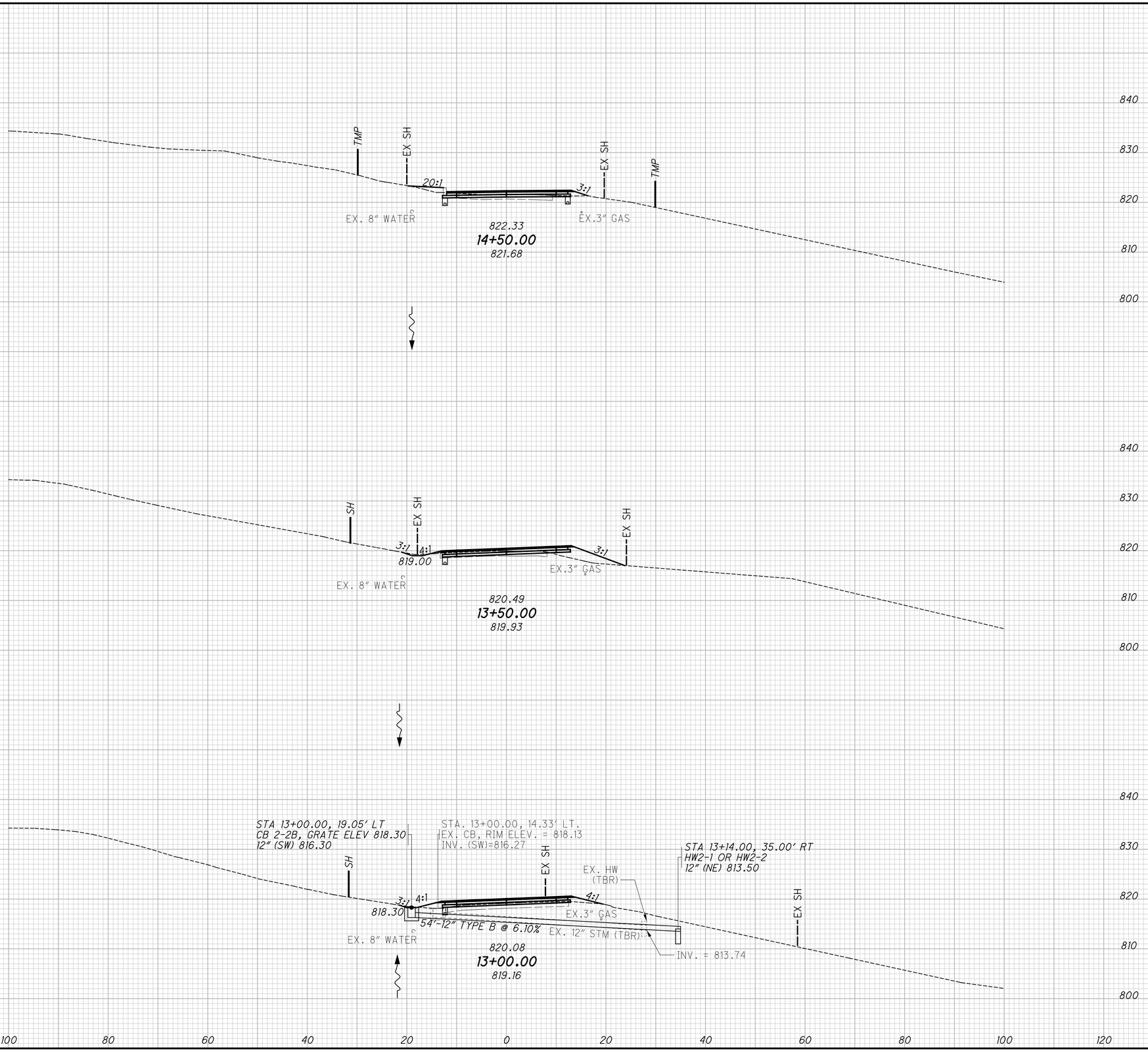
SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
		6	60
4	30		
		6	48
1	11		
		2	49
1	42		
		14	157

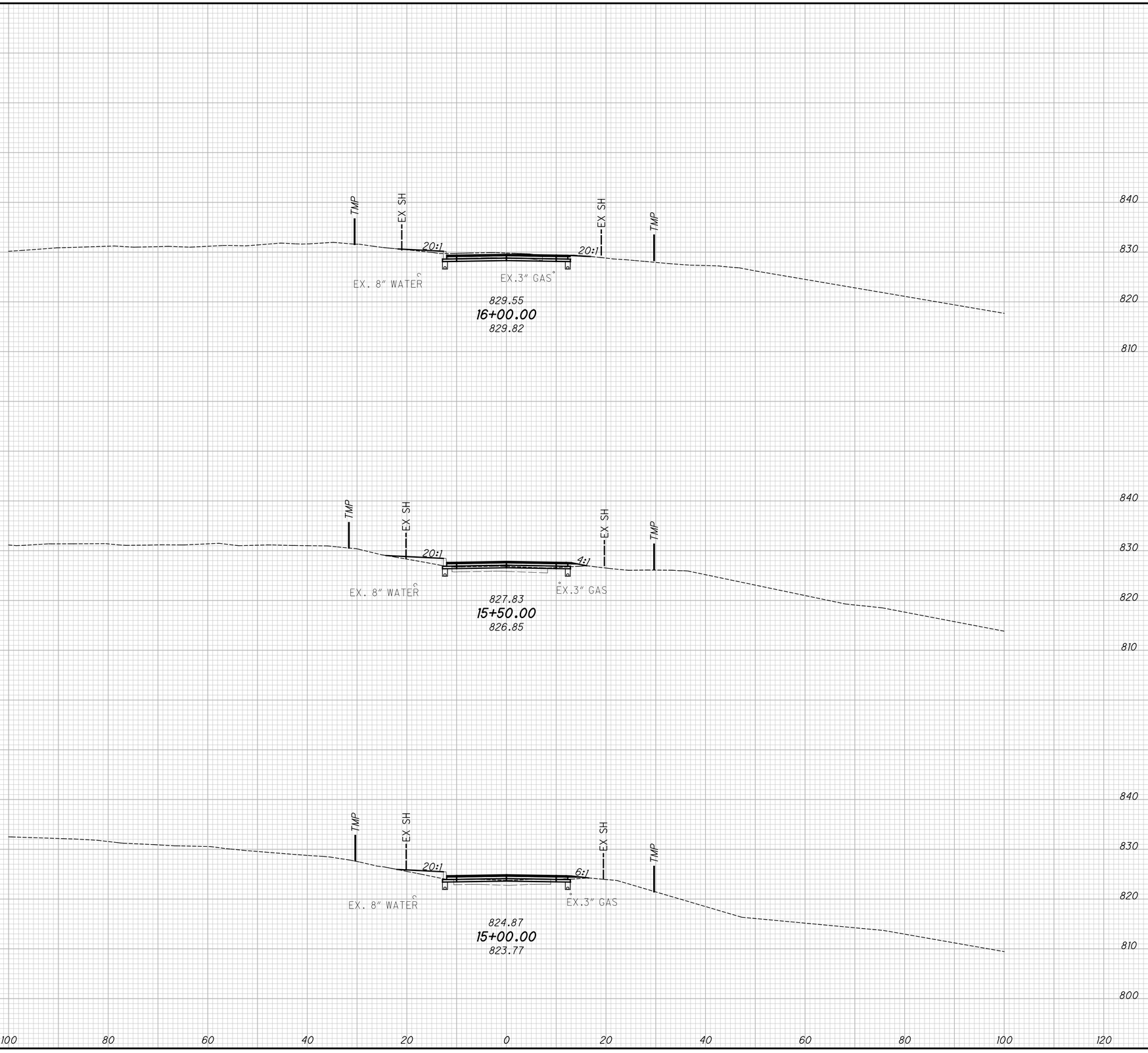
CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 13+00.00 TO STA. 14+50.00

HAM-TR553

29
53

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
		35	34
15	18		
		16	53
2	39		
		5	69
3	35		
		56	156

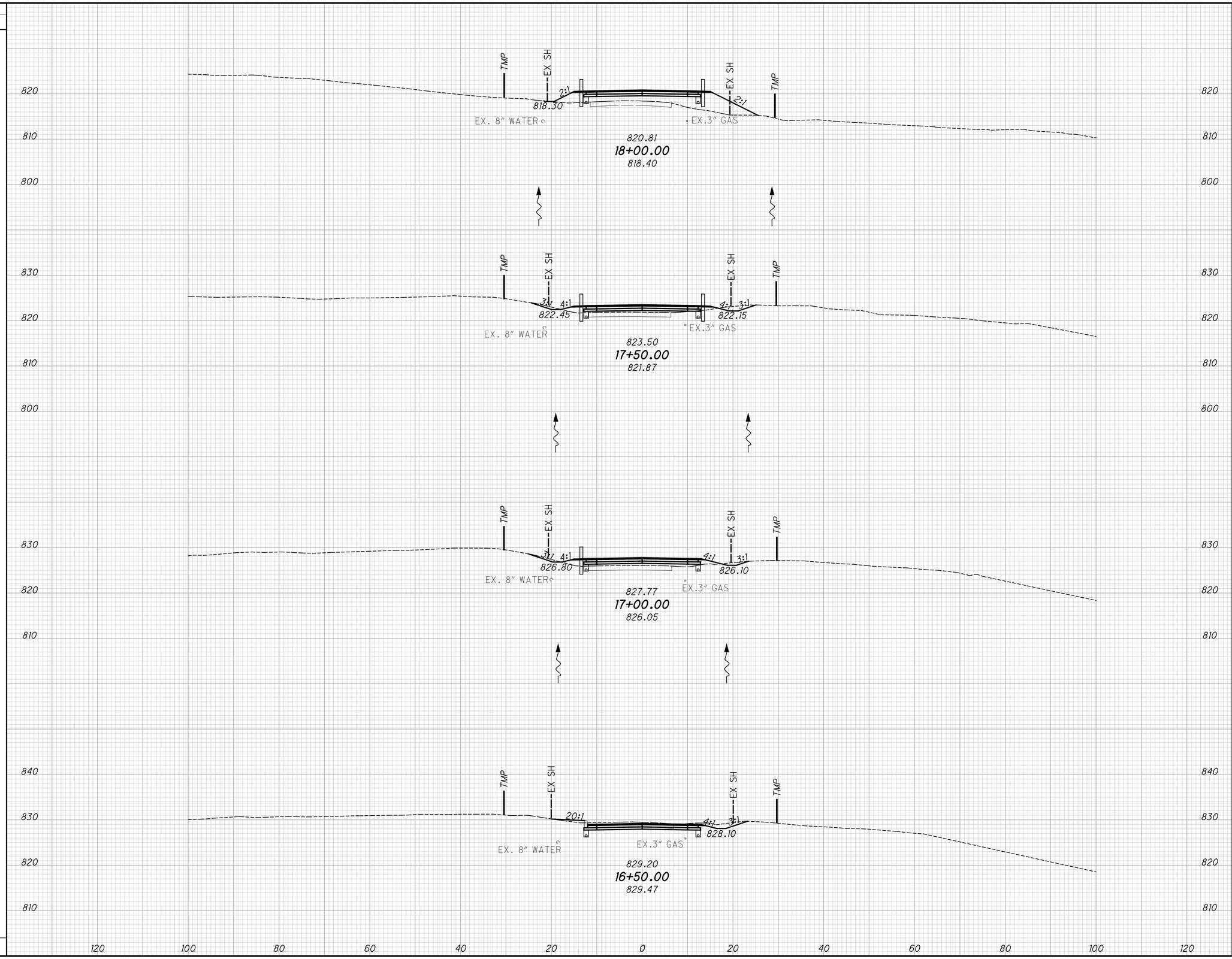
CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 15+00.00 TO STA. 16+00.00

HAM-TR553

30
53

SEEDING		END AREA		VOLUME	
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
				0	279
		0	129		
				7	165
		8	49		
				11	108
		4	67		
				25	79
		23	18		
				43	631



CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 16+50.00 TO STA. 18+00.00

HAM-TR553

31
53

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SEEDING	
END WIDTH	SQ. YDS.

END AREA	
CUT	FILL
10	6
16	29
0	173

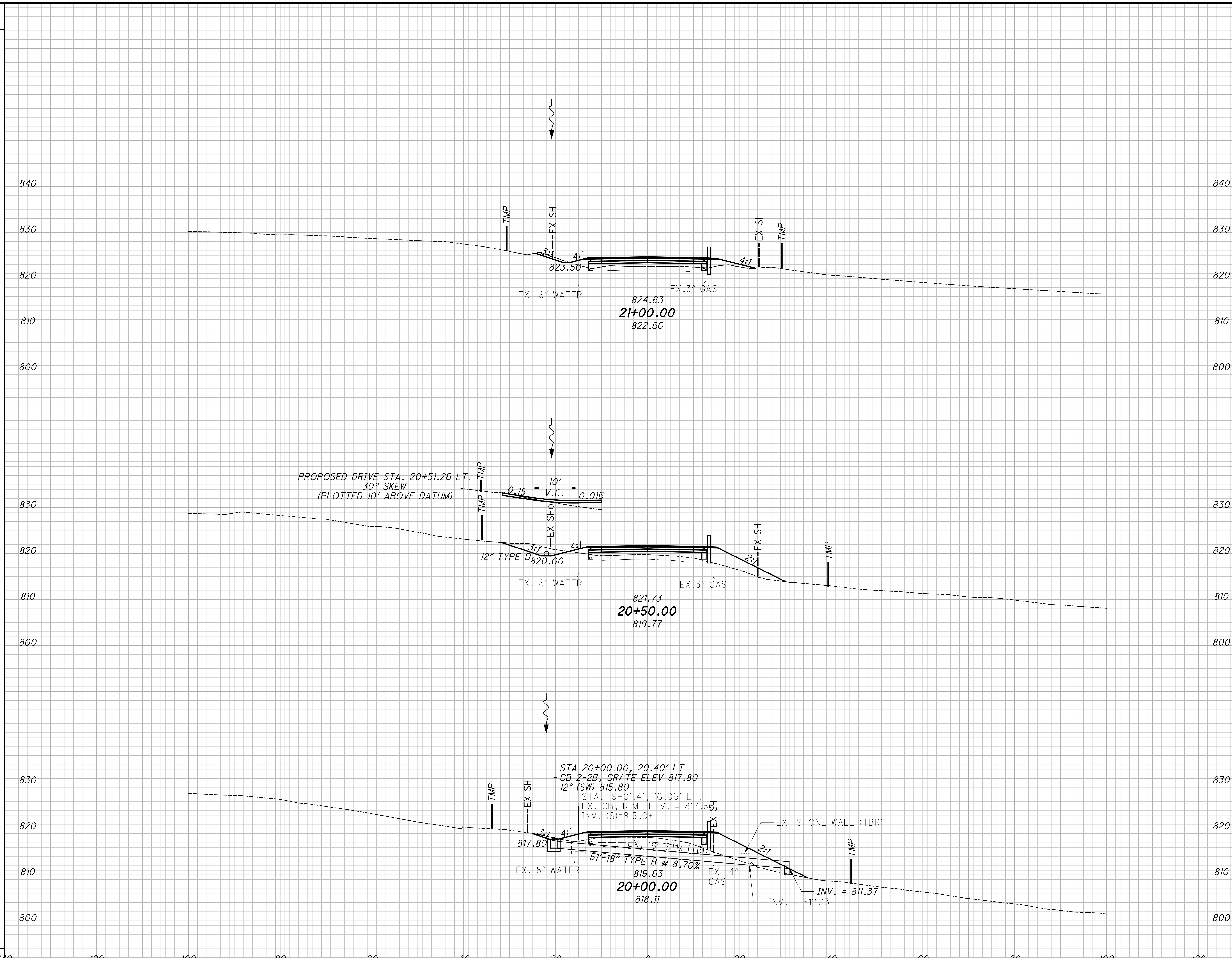
VOLUME	
CUT	FILL
10	127
24	32
15	186
49	345

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 18+50.00 TO STA. 19+50.00

HAM-TR553

32
53



SEEDING	
END WIDTH	SQ. YDS.

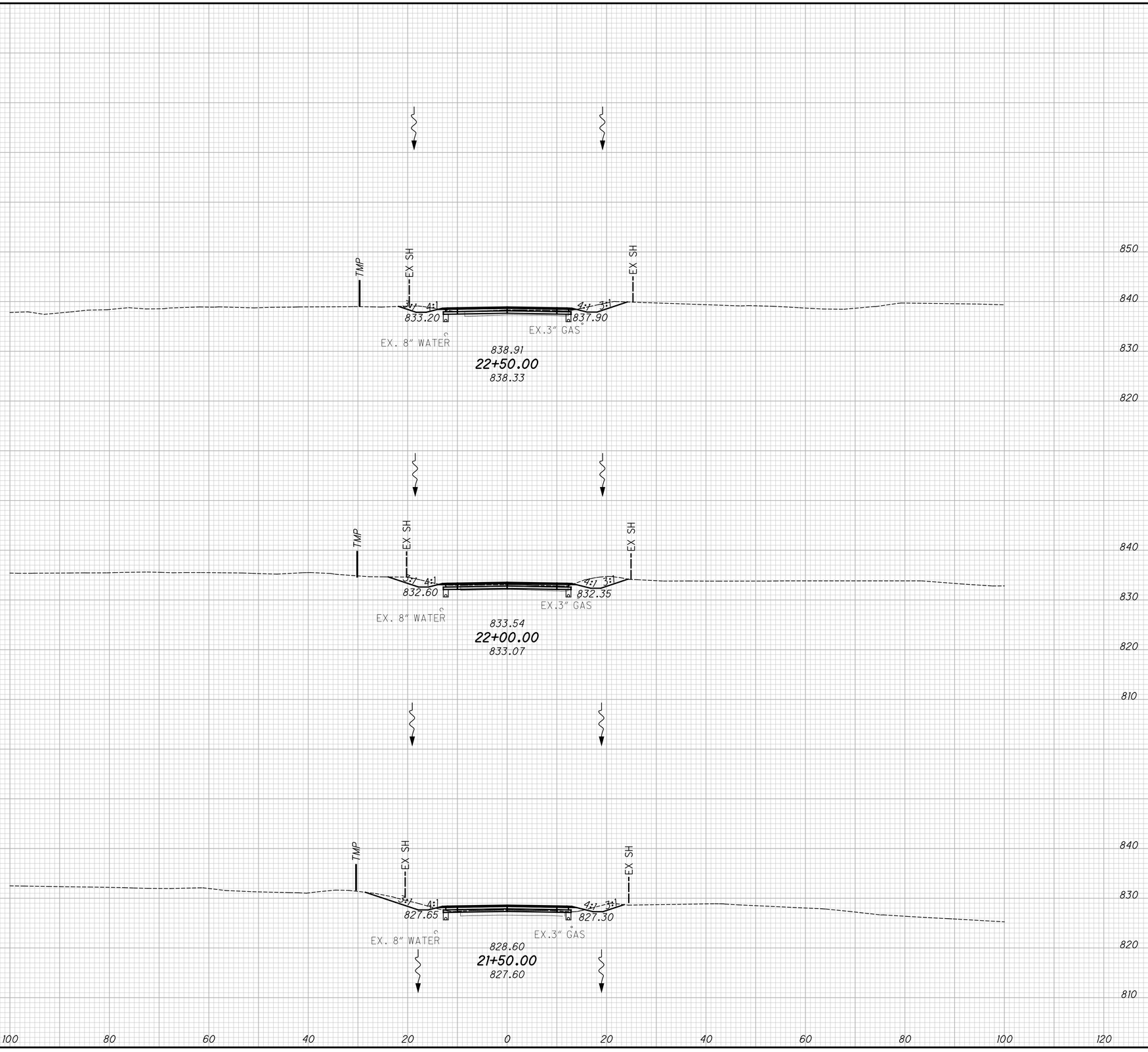
END AREA		VOLUME	
CUT	FILL	CUT	FILL
		22	107
3	82		
		18	171
17	112		
		17	226
2	131		
		40	504

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 20+00.00 TO STA. 21+00.00

HAM-TR553

SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
		29	40
19	20		
		48	32
32	14		
		49	45
21	34		
		126	117

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 21+50.00 TO STA. 22+50.00

HAM-TR553

34
53

Z:\2017\170652\CAD\ODOT\111111\Design\Roadway\Sheets\98581_XS001.dgn Sheet 8 10/25/2023 1:42:09 PM jahiller

SEEDING	
END WIDTH	SQ. YDS.

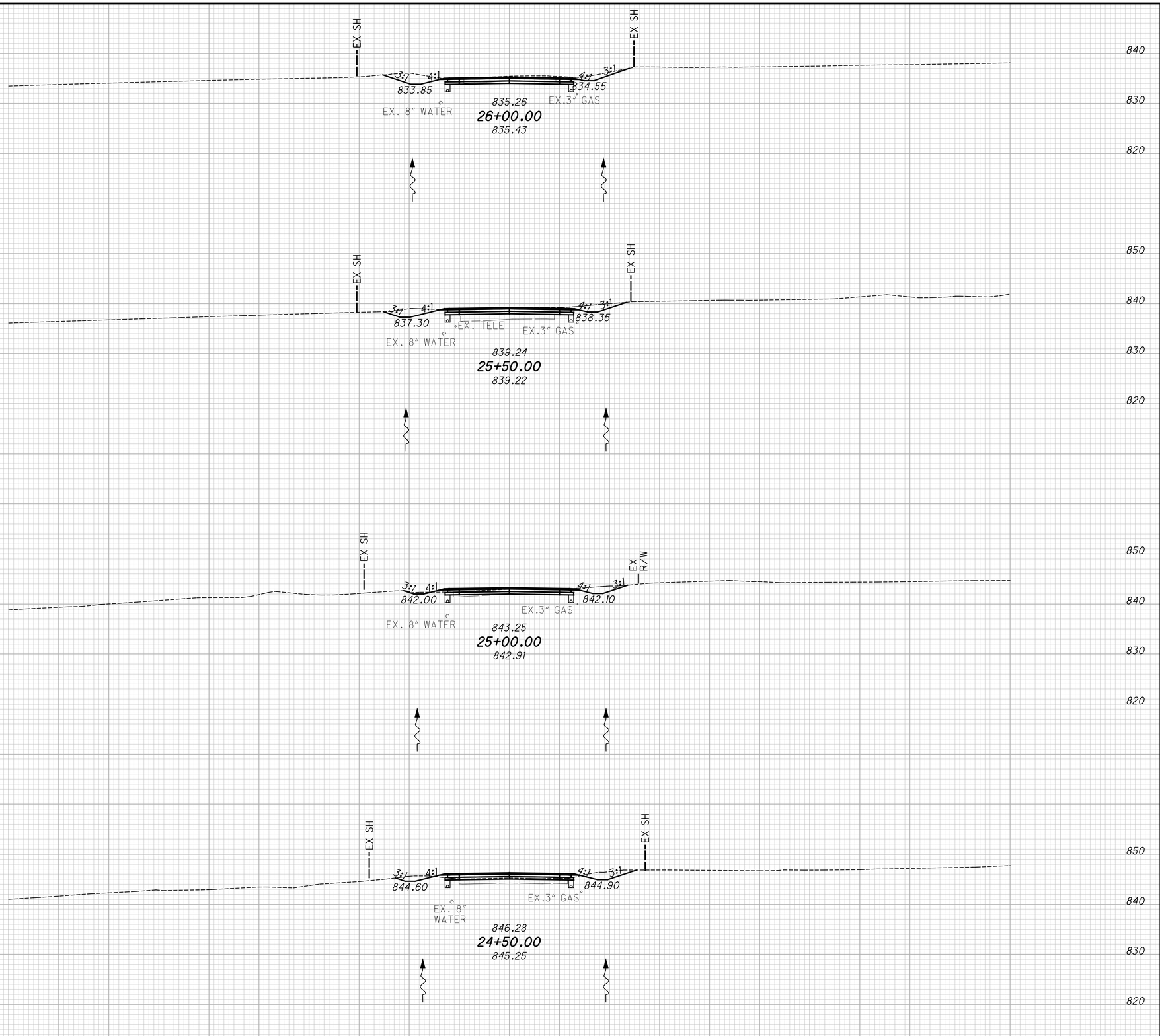
END AREA		VOLUME	
CUT	FILL	CUT	FILL
		40	46
21	15		
		29	17
10	3		
		20	25
12	24		
		89	88

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 23+00.00 TO STA. 24+00.00

HAM-TR553

35
53



SEEDING		END AREA		VOLUME	
END WIDTH	SQ. YDS.	CUT	FILL	CUT	FILL
				69	14
		48	15		
				75	15
		33	1		
				45	11
		16	11		
				35	42
		22	35		
				224	82

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 24+50.00 TO STA. 26+00.00

HAM-TR553

36
53

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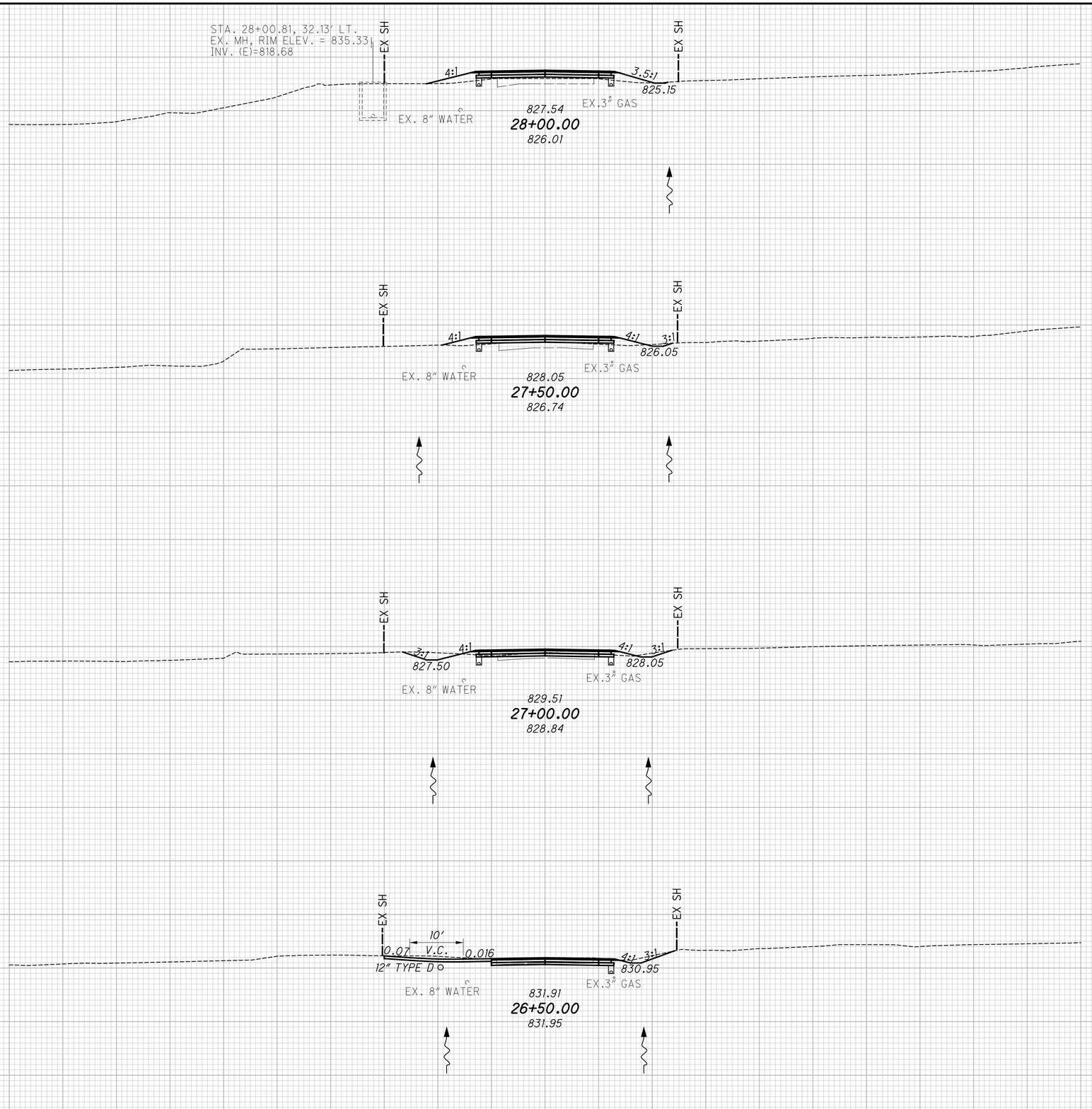
SEEDING	
END WIDTH	SQ. YDS.



END AREA		VOLUME	
CUT	FILL	CUT	FILL
		1	154
1	73		
		2	85
1	19		
		22	43
23	28		
		45	26
26	1		
		70	308

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 26+50.00 TO STA. 28+00.00

HAM-TR553

37
53

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SEEDING	
END WIDTH	SQ. YDS.

END WORK
STA. 31+00.00

END PROJECT
STA. 30+45.76

EX SH

EX. SAN FM

EX. 8" WATER

EX.3" GAS

3:1 4:1 — 4:1 3:1

833.85 — 833.25

834.48
30+00.00
834.64

831.05 — 830.20

831.65
29+50.00
831.60

PROPOSED DRIVE STA. 29+10.00 LT.
(PLOTTED 10' ABOVE DATUM)

0.016
12" TYPE D

4:1 — 3:1
827.30

829.34
29+00.00
827.99

STA 28+35.00, 22.00' LT
MH-3, RIM ELEV 826.00
24" (SW) 821.75

STA 28+33.00, 23.0' RT
CB 2-2B, GRATE ELEV 825.10
24" (NE) 822.40

STA. 28+34.69, 40.40' LT.
EX. CB, RIM ELEV. = 824.49
INV. (S)=821.16±

4:1 — 3.5:1
825.10

EX. 24" STM

EX. 4" STM
INV. = 824.05
INV. = 823.40
EX. HW

47'-24" TYPE B @ 1.50%

EX. 4" GAS

827.97
28+50.00
826.16

END AREA	
CUT	FILL
32	18
22	1
1	18
1	93

VOLUME	
CUT	FILL
50	17
21	17
1	103
72	137

CALCULATED JAH
CHECKED CJS

CROSS SECTIONS - AYERS ROAD
STA. 28+50.00 TO STA. 30+00.00

HAM-TR553

38
53

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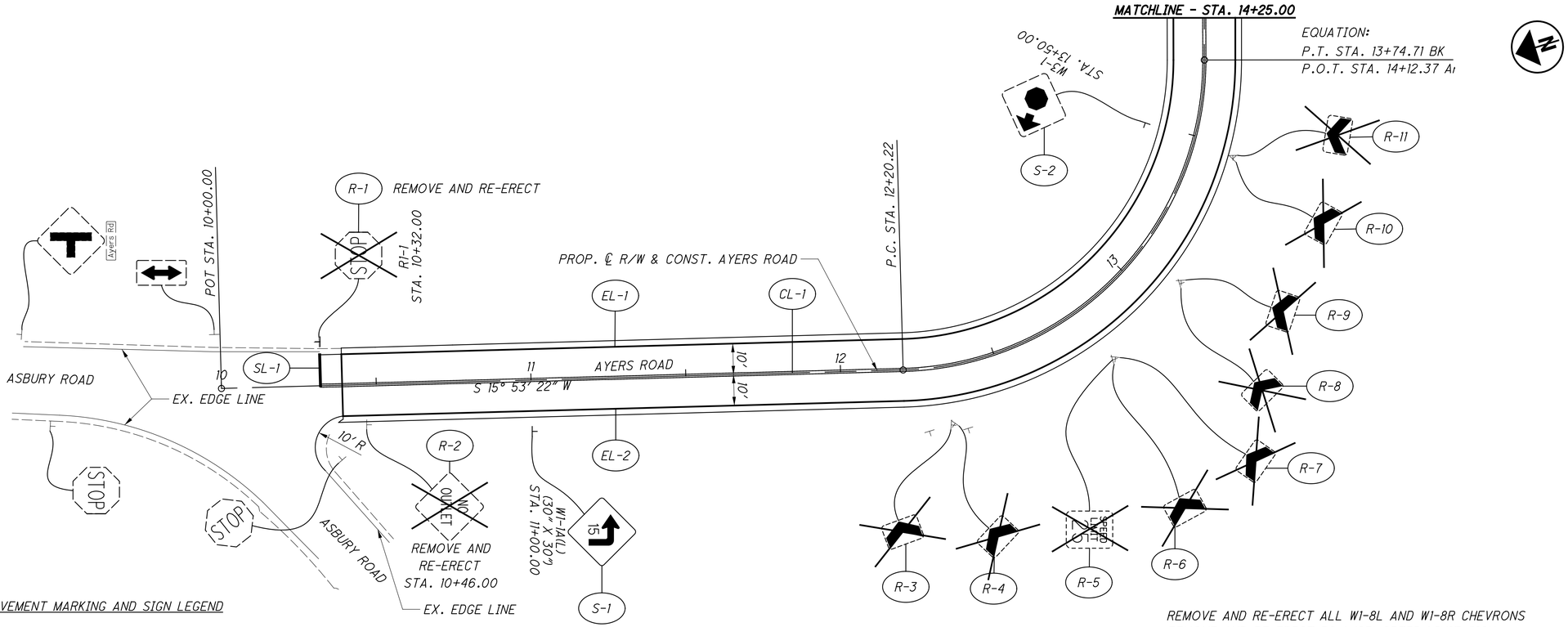
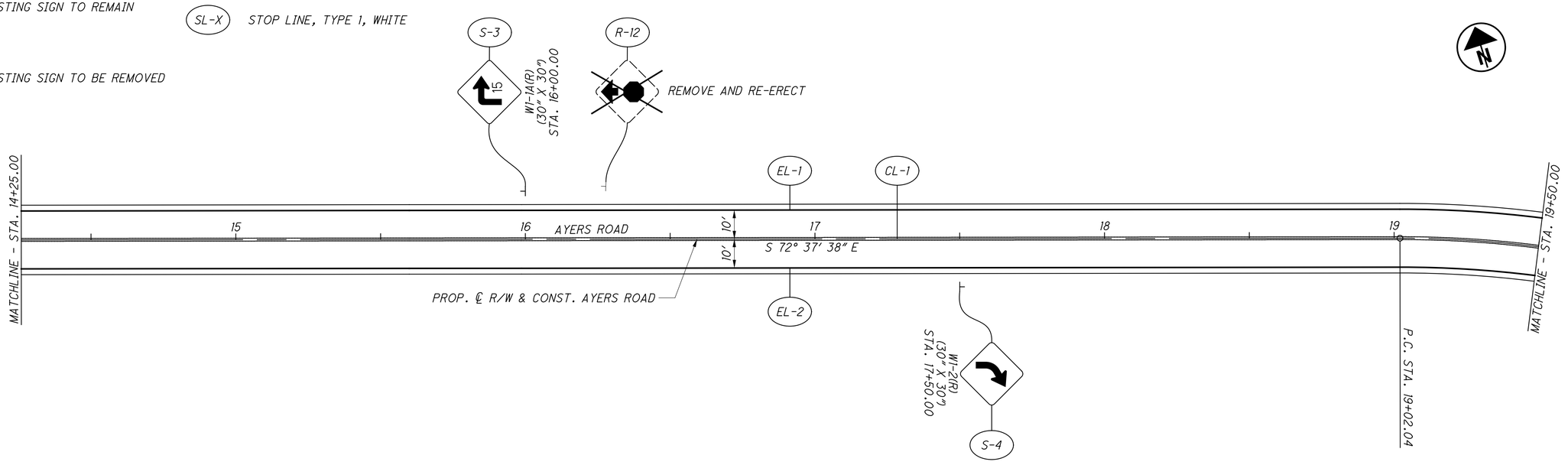


PAVEMENT MARKING AND SIGN LEGEND

S-X	PROPOSED SIGN
	EXISTING SIGN TO REMAIN
R-X	EXISTING SIGN TO BE REMOVED
EL-X	EDGE LINE, 4", WHITE
CL-X	CENTER LINE, TYPE 1, DOUBLE SOLID, YELLOW
SL-X	STOP LINE, TYPE 1, WHITE



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED JAH
CHECKED CJS

SIGNING AND PAVEMENT MARKING PLAN
STA. 10+00.00 TO STA. 19+50.00

HAM-TR541

39
53

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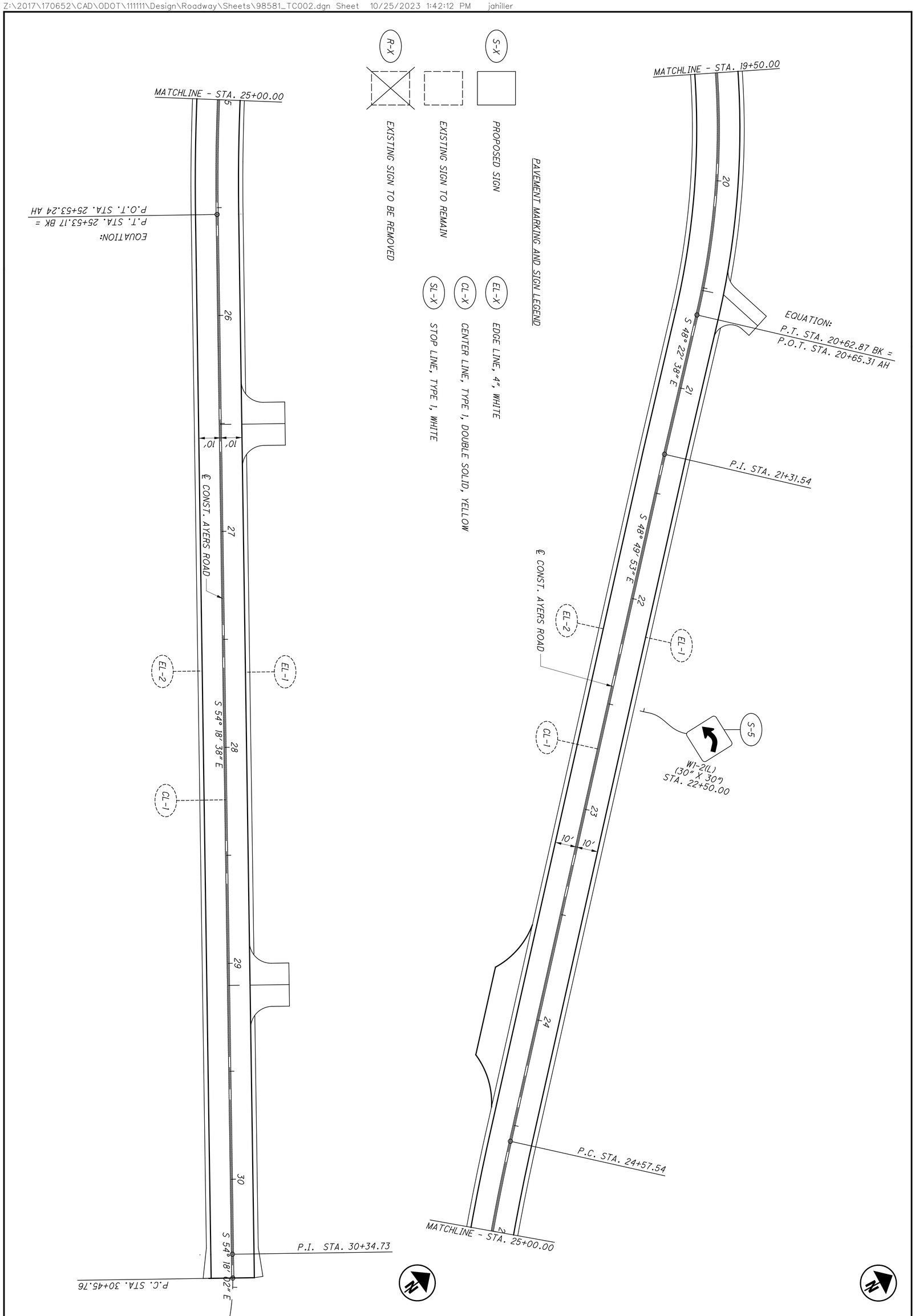


40 / 53	HAM-TR541	SIGNING AND PAVEMENT MARKING PLAN STA. 19+50.00 TO STA. 30+50.00	CALCULATED JAH CHECKED CJS	0 20 10 40 HORIZONTAL SCALE IN FEET

SHEET NO.	REFERENCE NO.	LOCATION	STATION FROM	STATION TO	SIDE	630 GROUND MOUNTED SUPPORT, NO. 3 POST	630 SIGN, FLAT SHEET	630 REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	630 REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	644 EDGE LINE, 4"	644 CENTER LINE	644 STOP LINE
			FT			FT	SF	EACH	EACH	MILE	MILE	FT
39	R-1	AYERS ROAD	10+32.00		LT			1	1			
39	R-2	AYERS ROAD	10+46.00		RT			1	1			
39	R-3	AYERS ROAD	12+33.00		RT			1	1			
39	R-4	AYERS ROAD	12+33.00		RT			1	1			
39	R-5	AYERS ROAD	12+81.00		RT			1	1			
39	R-6	AYERS ROAD	12+81.00		RT			1	1			
39	R-7	AYERS ROAD	12+81.00		RT			1	1			
39	R-8	AYERS ROAD	13+08.00		RT			1	1			
39	R-9	AYERS ROAD	13+08.00		RT			1	1			
39	R-10	AYERS ROAD	13+47.00		RT			1	1			
39	R-11	AYERS ROAD	13+47.00		RT			1	1			
39	R-12	AYERS ROAD	16+28.00		LT			1	1			
39	S-1	AYERS ROAD	11+00.00		RT	11	6.25					
39	S-2	AYERS ROAD	13+50.00		LT			1	1			
39	S-3	AYERS ROAD	16+00.00		LT	11	6.25					
39	S-4	AYERS ROAD	17+50.00		RT	11	6.25					
40	S-5	AYERS ROAD	22+50.00		LT	11	6.25					
39-40	EL-1	AYERS ROAD	10+32.00	30+45.76	LT					0.37		
39-40	EL-2	AYERS ROAD	10+32.00	30+45.76	CL						0.37	
39-40	CL-1	AYERS ROAD	10+32.00	30+45.76	RT					0.38		
39	SL-1	AYERS ROAD	10+32.00		LT							10
TOTALS CARRIED TO GENERAL SUMMARY						44	25	13	13	0.75	0.37	10

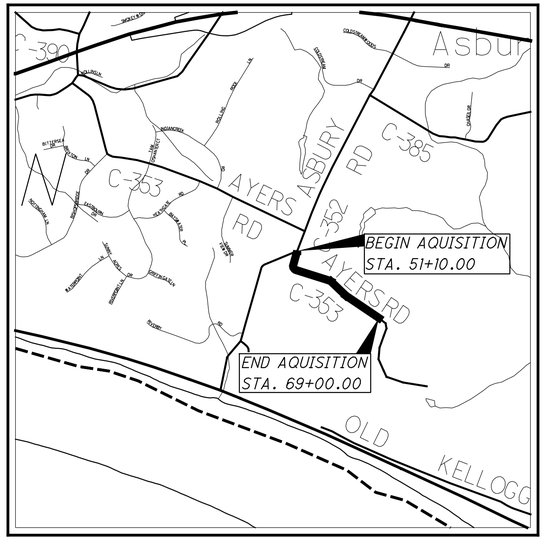
TRAFFIC CONTROL SUBSUMMARY

CALCULATED MDS CHECKED JAH

HAM-TR541

RIGHT OF WAY LEGEND SHEET HAM-TR541

ANDERSON TOWNSHIP HAMILTON COUNTY VMS# 1681 $ 1682



LOCATION MAP

LATITUDE: 39°02'47" LONGITUDE: 84°20'52"

SCALE IN MILES

0 1 2 3 4

N

UTILITY OWNERSHIP
LISTED BELOW ARE ALL THE UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ELECTRIC - DISTRIBUTION:
DUKE ENERGY
2010 DANA AVENUE, EF324
CINCINNATI, OH 45207
(513) 458-3804
CONTACT: AMANDA BRAUN
AMANDA.BRAUN@DUKE-ENERGY.COM

TELEPHONE:
CINCINNATI BELL
221 EAST 4TH STREET
BLDG. 121-900
CINCINNATI, OH 45202
(513) 566-7187
CONTACT: BRECK COWAN
BRECK.COWAN@CINBELL.COM

TELEPHONE:
CINCINNATI BELL-AERIAL & PLACING
209 WEST 7TH STREET
BLDG. 121-900
CINCINNATI, OH 45202
(513) 566-5120
CONTACT: DORIAN JOHNSON
DORIAN.JOHNSON@CINBELL.COM

WATER:
CINCINNATI WATER WORKS
4747 SPRING GROVE AVENUE
CINCINNATI, OH 45232
(513) 591-6581
CONTACT: MICHAEL COSSINS
MICHAEL.COSSINGS@GCWW
.CINCINNATI-OH.GOV

CABLE:
CHARTER COMMUNICATIONS
10920 KENWOOD ROAD
BLUE ASH, OHIO 45242
(513) 386-5499
CONTACT: KENT RIEGER
KENT.RIEGER@CHARTER.COM

GAS:
DUKE ENERGY
139 EAST FOURTH STREET
ROOM 460A
CINCINNATI, OH 45202
(513) 287-2366
CONTACT: TOMMY MITCHELL
THOMAS.MITCHELL5@DUKE-ENERGY.COM

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.

INDEX OF SHEETS

PROJECT DESCRIPTION

ROADWAY IMPROVEMENTS OF ONE-HALF MILE OF AYERS ROAD, INCLUDING STORM SEWER UPGRADES, RETAINING WALL, AND TRAFFIC CONTROL.

PLANS PREPARED BY:

FIRM NAME : *FISHBECK*
R/W DESIGNER:
R/W REVIEWER: *IAN. A. VAN DOOTINGH*
FIELD REVIEWER: *CASEY WALTER*
PRELIMINARY FIELD REVIEW DATE: *3-1-23*
TRACINGS FIELD REVIEW DATE: *9-8-23*
OWNERSHIP UPDATED BY: *IAN VAN DOOTINGH*
DATE COMPLETED: *9-13-23*
PLAN COMPLETION DATE: *9-13-23*

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

CONVENTIONAL SYMBOLS

County Line
Township Line
Section Line
Corporation Line or
Fence Line (Ex) (Pr)
Center Line
Right of Way (Ex) Ex R/W
Right of Way (Pr) R/W
Standard Highway Ease.(Ex) Ex SH
Standard Highway Ease.(Pr) SH
Temporary Right of Way TMP
Channel Ease. (Pr) CH
Utility Ease. (Ex) Ex U
Railroad or
Guardrail (Ex) (Pr)
Construction Limits
Edge of Pavement (Ex)
Edge of Pavement (Pr)
Edge of Shoulder (Ex)
Edge of Shoulder (Pr)
Ditch / Creek (Ex)
Ditch / Creek (Pr)
Tree Line (Ex)
Ownership Hook Symbol , Example
Property Line Symbol , Example
Break Line Symbol , Example
Tree (Pr) , Tree (Ex) , Shrub (Ex)
Tree (Remove) , Shrub (Remove)
Evergreen (Ex) , Stump
Evergreen (Remove) , Stump (Remove)
Wetland (Pr) , Grass (Pr) , Aerial Target
Post (Ex) , Mailbox (Ex) MB , Mailbox (Pr) MB
Light (Ex) , Telephone Marker (Ex) TEL
Fire Hydrant (Ex) , Water Meter (Ex) W
Water Valve (Ex) W , Utility Valve Unknown (Ex.)
Telephone Pole (Ex) , Power Pole (Ex)
Light Pole (Ex)

STRUCTURE KEY

- RESIDENTIAL
- COMMERCIAL
- OUT-BUILDING

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
LA = LIMITED ACCESS EASEMENT
T = TEMPORARY EASEMENT
CH = CHANNEL EASEMENT
A = AERIAL EASEMENT
SL = SLOPE EASEMENT
PRE = PROPERTY RIGHT EASEMENT

I, Ian A. Van Dootingh, P. S. have conducted a survey of the existing conditions for the Anderson Township on 1/7/2017. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System South Zone 3402 on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (Meters or US Survey Feet) by a Project Adjustment Factor of 0.99992944. As a part of this project I have reestablished the locations of the existing property lines and the existing centerline of Right of Way for property takes contained herein. As a part of this project I have established the proposed property lines, calculated the Gross Take, present roadway occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire the parcels as shown herein. As a part of this work I have set right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Ian A. Van Dootingh, Professional Land Surveyor 8781

Date: 10-23-23

SURVEYORS SEAL

STATE OF OHIO
IAN VAN DOOTINGH
S-8781
REGISTERED
PROFESSIONAL SURVEYOR

FEDERAL PROJECT NO. N/A
PID NO. N/A
CALCULATED XXX CHECKED IAV
RIGHT OF WAY LEGEND SHEET
HAM-TR541
1 / 12
42 / 53

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CENTERLINE PLAT

HAMILTON COUNTY

ANDERSON TOWNSHIP
VMS# 1681 & 1682

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- R.F. IRON PIPE FOUND
- R.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET

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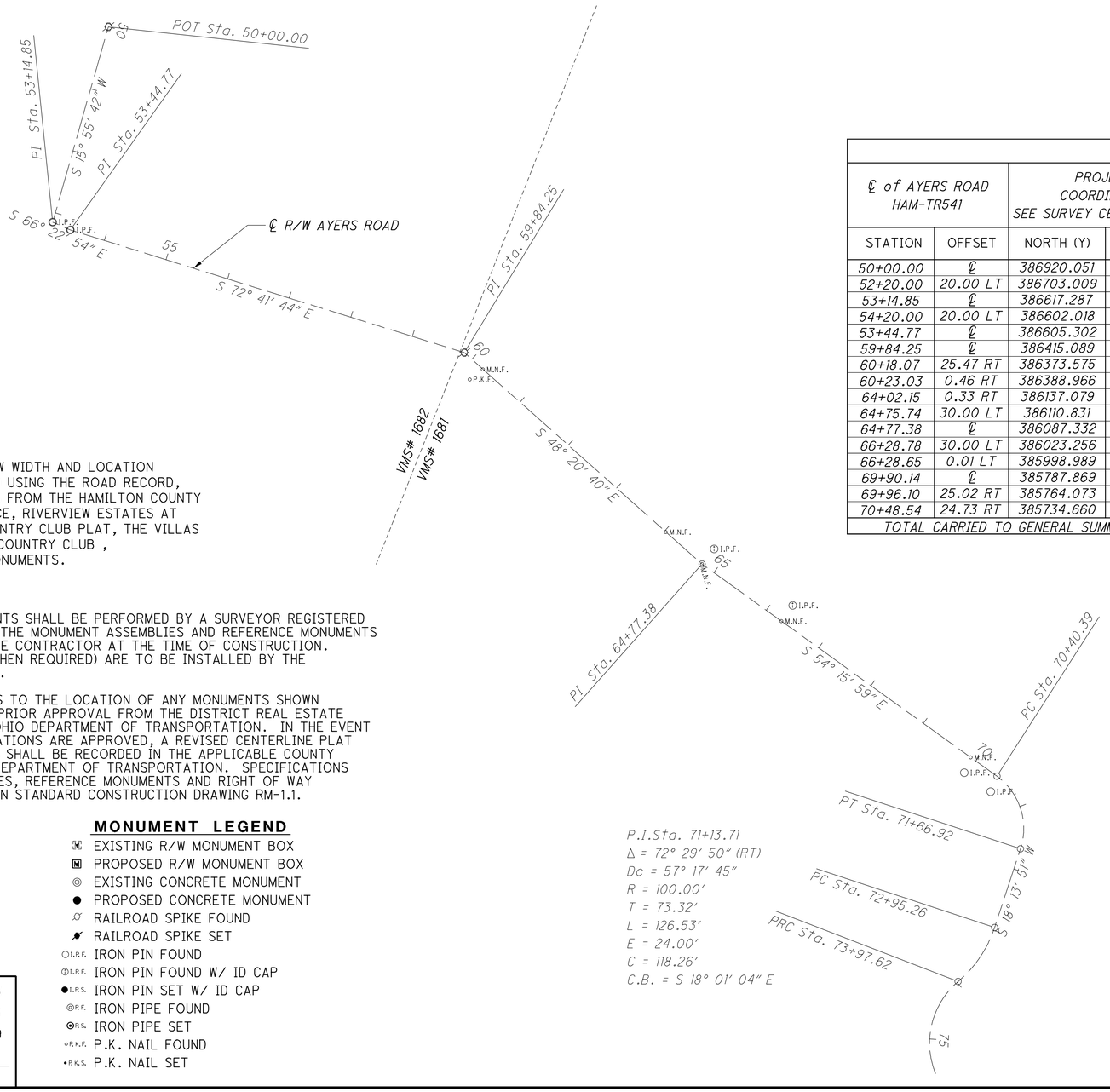

MONUMENT TABLE

℄ of AYERS ROAD HAM-TR541		PROJECT COORDINATES SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION		R/W MON. EXPECTED TO BE DISTURBED	
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	REF. MON.	R/W MON.	DESCRIPTION
50+00.00	℄	386920.051	1443191.816				RR SPIKE SET AT INTERSECTION
52+20.00	20.00 LT	386703.009	1443150.672			1	IRON PIN SET WITHIN CON. LIMITS
53+14.85	℄	386617.287	1443105.410		1		MAG NAIL SET WITHIN CON. LIMITS
54+20.00	20.00 LT	386602.018	1443210.595			1	IRON PIN SET WITHIN CON. LIMITS
53+44.77	℄	386605.302	1443132.819		1		MAG NAIL SET WITHIN CON. LIMITS
59+84.25	℄	386415.089	1443743.354		1		RR SPIKE SET WITHIN CON. LIMITS
60+18.07	25.47 RT	386373.575	1443751.696			1	NAIL SET IN WALL
60+23.03	0.46 RT	386388.966	1443772.026		1		MAG NAIL SET WITHIN CON. LIMITS
64+02.15	0.33 RT	386137.079	1444055.375		1		MAG NAIL SET WITHIN CON. LIMITS
64+75.74	30.00 LT	386110.831	1444130.510				IRON PIN
64+77.38	℄	386087.332	1444111.805		1		MAG NAIL SET WITHIN CON. LIMITS
66+28.78	30.00 LT	386023.256	1444252.218				IRON PIN
66+28.65	0.01 LT	385998.989	1444234.603		1		MAG NAIL SET WITHIN CON. LIMITS
69+90.14	℄	385787.869	1444528.025		1		MAG NAIL SET WITHIN CON. LIMITS
69+96.10	25.02 RT	385764.073	1444518.252				IRON PIN
70+48.54	24.73 RT	385734.660	1444559.201				IRON PIN
TOTAL CARRIED TO GENERAL SUMMARY SHEET					8	3	

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING THE ROAD RECORD, PRIVATE SURVEYS FROM THE HAMILTON COUNTY RECORDERS OFFICE, RIVERVIEW ESTATES AT COLDSTREAM COUNTRY CLUB PLAT, THE VILLAS AT COLDSTREAM COUNTRY CLUB , AND PHYSICAL MONUMENTS.

SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- I.R.F. IRON PIN FOUND
- I.R.F. IRON PIN FOUND W/ ID CAP
- I.R.S. IRON PIN SET W/ ID CAP
- R.F. IRON PIPE FOUND
- R.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. THE BASIS OF BEARINGS IS THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE 3402.

RECEIVED OCTOBER 21, 2023
RECORDED OCTOBER 21. 2023
BOOK 499 PAGE 49
COUNTY RECORDER

SURVEYORS SEAL

STATE OF OHIO
IAN VAN DOOTINGH
S-8781
REGISTERED
PROFESSIONAL SURVEYOR

HORIZONTAL SCALE IN FEET
0 50 100 200

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

CENTERLINE PLAT

HAM-TR541

2 / 12

43 / 53

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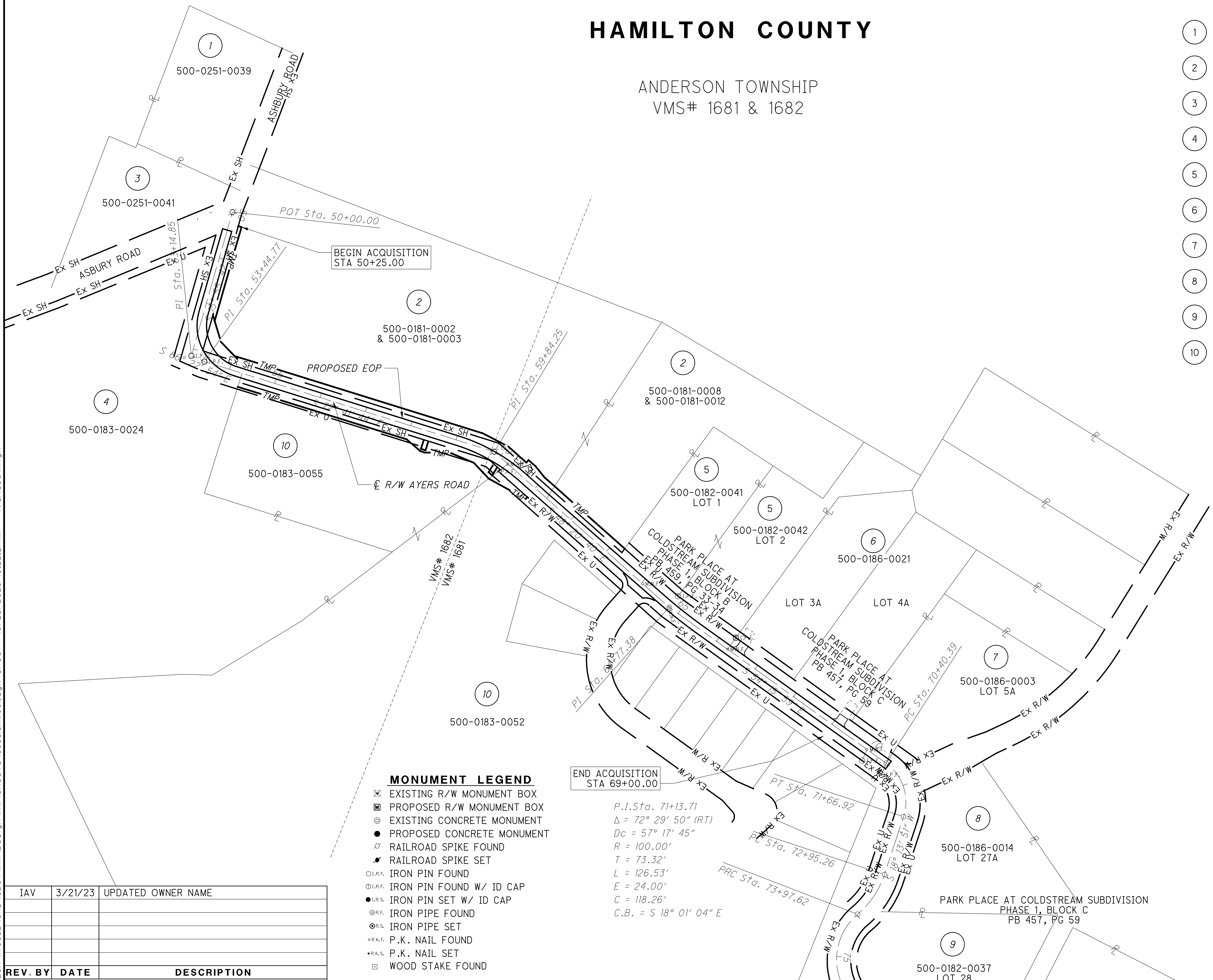
HAMILTON COUNTY

ANDERSON TOWNSHIP
VMS# 1681 & 1682



1	COLLIN T. YACKS & LEIGH A. WAGNER
2	COLDSTREAM COUNTRY CLUB
3	WILLIAM PATRICK THOMPSON, TR.
4	BRITNEY RUBY MILLER
5	COLDSTREAM COUNTRY CLUB REALTY, LLC
6	BLUE HOSE LLC
7	JEFFREY R. SCHAEPER
8	MARK AND GRETCHEN TERHAR
9	SANDEEP PATEL
10	COLDSTREAM ESTATES DEVELOPMENT, LLC

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- ● PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
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- I.P.S. IRON PIN SET W/ ID CAP
- P.F. IRON PIPE FOUND
- P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET
- WOOD STAKE FOUND

REV. BY	DATE	DESCRIPTION
IAV	3/21/23	UPDATED OWNER NAME

DATE COMPLETED

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N

HORIZONTAL SCALE IN FEET
0 50 100 200

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

PROPERTY MAP

HAM-TR541

3/12

TOTAL NUMBER OF :

8 OWNERSHIPS
13 PARCELS
7 TOTAL TAKES
1 OWNERSHIPS W/ STRUCTURES INVOLVED

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

NET TAKE = GROSS TAKE - PRO IN TAKE

GRANTEE:

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF ANDERSON TOWNSHIP
UNLESS OTHERWISE SHOWN.

ALL AREAS IN ACRES

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD	AUDITOR'S PARCEL	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUCTURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	TYPE FUND	REMARKS	AS ACQUIRED BOOK	AS ACQUIRED PAGE
1	COLLIN T. YACKS & LEIGH A. WAGNER	5-6	O.R. 13826 PAGE 2016	500-0251-0039	1.722	0.1770								NO TAKE		
2-SH	COLDSTREAM COUNTRY CLUB	5-10	O.R. 4052 PAGE 628	500-0181-0002	7.724	0.5606	0.0576	0.0	0.0383		7.1059			58' FENCE*		
				500-0181-0003												
			O.R. 10427 PAGE 1499	500-0181-0008												
				500-0181-0012												
2-T1		5-6					0.0322	0.0	0.0322					FOR CONSTRUCTION AND GRADING PURPOSES		
2-T2		7-10					0.1632	0.0	0.1632					FOR CONSTRUCTION AND GRADING PURPOSES		
2-T3		7-10					0.0454	0.0	0.0454					FOR CONSTRUCTION AND GRADING PURPOSES		
3	WILLIAM PATRICK THOMPSON, TR.	5-6	O.R. 7613 PAGE 2595	500-0251-0041	1.382	0.2890								NO TAKE		
4	BRITNEY RUBY MILLER	5-6	O.R. 14780 PAGE 1644	500-0183-0024	24.586	1.4345								NO TAKE		
5	COLDSTREAM COUNTRY CLUB REALTY, LLC	9-12	O.R. 13436 PAGE 1222	500-0182-0041	1.132	0.0								NO TAKE, 150' FENCE*		
				500-0182-0042	1.483											
6	BLUE HOSE LLC	11-12	O.R. 14382 PAGE 1146	500-0186-0021	2.987									NO TAKE		
7	JEFFREY R. SCHAEPER	11-12	O.R. 14403 PAGE 2273	500-0186-0003	1.588	0.0								NO TAKE		
10-T1	COLDSTREAM ESTATES DEVELOPMENT, LLC	5-8	O.R. 14330 PAGE 3287	500-0183-0055	3.085	0.2704	0.1720	0.0	0.1720	YES				FOR CONSTRUCTION AND GRADING PURPOSES		
			PB. 490 PAGE 9													
10-SW1							0.0046	0.0	0.0046					EASEMENT FOR MAINTAINING STORM SEWER		
														70' STONE WALL*		
10-SW2							0.0047	0.0	0.0047					EASEMENT FOR MAINTAINING STORM SEWER		
10-T2	COLDSTREAM ESTATES DEVELOPMENT, LLC	7-12	O.R. 14330 PAGE 3287	500-0183-0052	27.9998	0.0	0.0284	0.0	0.0284	YES				FOR CONSTRUCTION AND GRADING PURPOSES		
			PB. 490 PAGE 9											40' STONE WALL*, 15' FENCE*		

TYPES OF TITLE LEGEND:
WL = FEE SIMPLE WITH LIMITATION OF ACCESS
WD = WARRANTY DEED
PRW = PROPERTY RIGHT FEE SIMPLE
SH = STANDARD HIGHWAY EASEMENT
LA = LIMITED ACCESS EASEMENT
T = TEMPORARY EASEMENT
CH = CHANNEL EASEMENT
A = AERIAL EASEMENT
SL = SLOPE EASEMENT
PRE = PROPERTY RIGHT EASEMENT

NOTE: ALL TEMPORARY PARCELS TO BE OF 12 MONTH DURATION.

NOTE: UNDER NO CIRCUMSTANCES ARE TEMPORARY EASEMENTS TO BE USED FOR THE STORAGE OF MATERIALS BY THE CONTRACTOR UNLESS OTHERWISE NOTED

* DENOTES RIGHT OF WAY ENCROACHMENT

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

FEDERAL PROJECT NO. N/A
PID NO. N/A
STATE JOB NO. N/A
R/W DESIGNER XXX
R/W REVIEWER IAV

SUMMARY OF ADDITIONAL RIGHT OF WAY

HAM-TR541

HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1682

MATCH LINE 55+00 SEE SHEET:

BEGIN ACQUISITION
STA. 50+25.00

POT Sta. 50+00.00

PT Sta. 55+44.77

PT Sta. 58+14.85

2-T2

2-T1

2-SH

EXISTING AND PROP. ℄ R/W AYERS ROAD

TYPE 7 CURB

EX. FENCE (DND)

EX. 8" WATER MAIN (DND)

PROP. DITCH

EX. CB (TBR)

CB 2-2B

CONST. LIMITS

PROP. WATER

CB 2-2B

12" TYPE B

PROP. DITCH

TYPE 7 CURB

PROP. GAS

EXISTING WOOD LINE

EX. HW (TBR)

HW-2.1 OR HW-2.2

314.85'
S 15° 55' 42" W

639.48'
S 72° 41' 44" E

29.91'
S 66° 22' 52" E

EX. 3" UNDERGROUND GAS LINE

EX. CB
ADJUSTED TO GRADE

EX. AND PROP. ℄ R/W AYERS ROAD

CONSTRUCTION LIMITS

12" STM (TBR)

12" TYPE B

℄ R/W ASBURY ROAD

2

500-0181-0002
&
500-0181-0003
COLDSTREAM COUNTRY CLUB
7/20/1976
O.R. 4052, PAGE 628
400 ASBURY ROAD
CINCINNATI, OH 45230

500-0181-0001
COLDSTREAM COUNTRY CLUB
12/06/1961
O.R. 3191, PAGE 513
400 ASBURY ROAD
CINCINNATI, OH 45230

10

500-0183-0055
COLDSTREAM ESTATES
DEVELOPMENT, LLC
1/16/2023
O.R. 14330, PG. 3287
P.B. 490, PG. 9
3.0847 ACRES
AYERS ROAD
CINCINNATI, OH 45230

1

500-0251-0039
COLLIN T. YACKS & LEIGH A. WAGNER
1/3/2019
O.R. 13826, PG. 2016
7583 AYERS ROAD
CINCINNATI, OH 45230

3

500-0251-0041
WILLIAM PATRICK THOMPSON, TR.
4/2/1998
O.R. 7613, PG. 2595
321 ASBURY ROAD
CINCINNATI, OH 45255

4

500-0183-0024
BRITNEY RUBY MILLER
10/24/2022
O.R. 14780, PG. 1644
24.5857 ACRES
AYERS ROAD
CINCINNATI, OH 45230

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY TOPO SHEET
STA 10+00 TO STA 15+00

HAM-TR541

5 / 12

46
53

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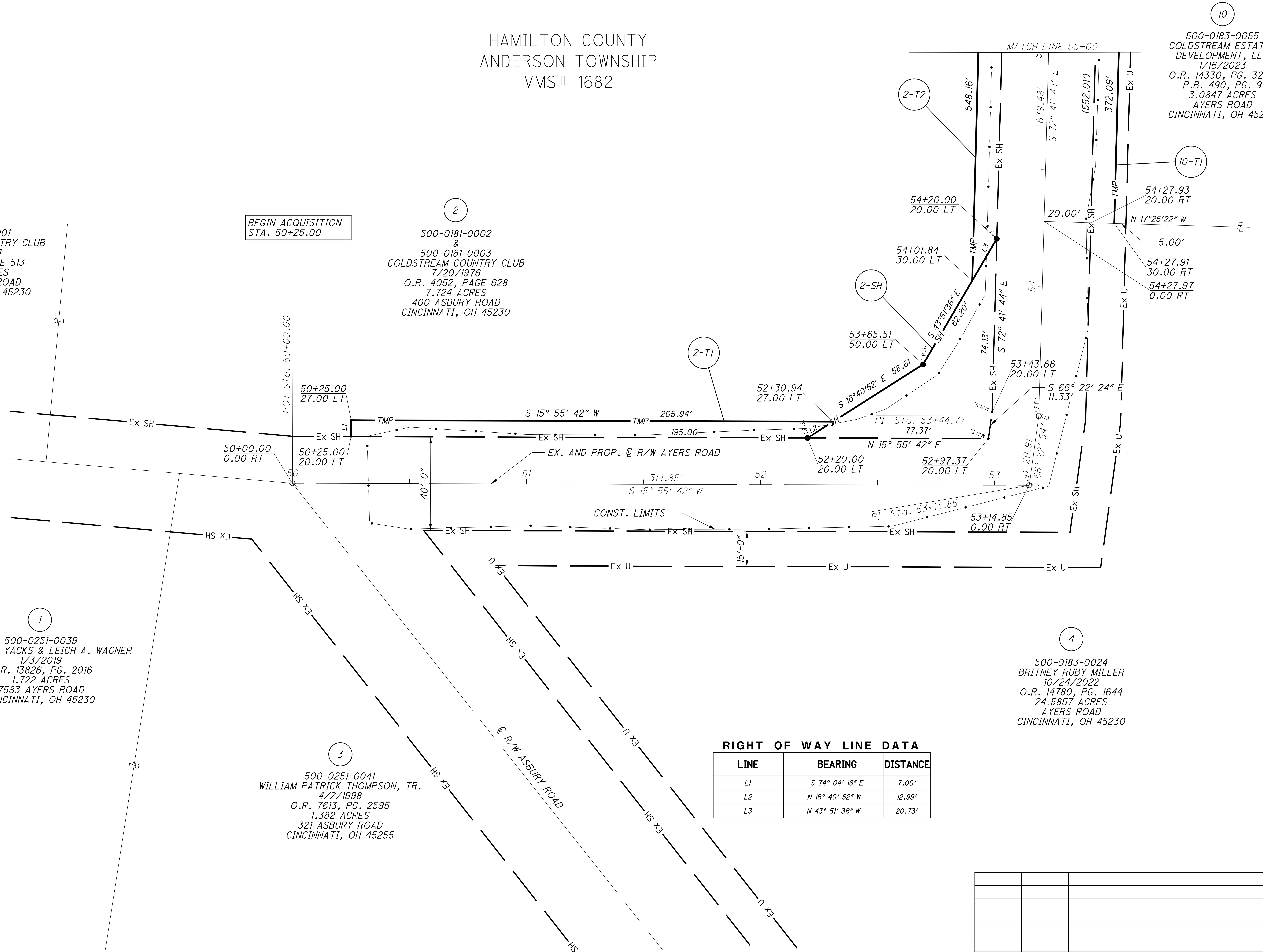
HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1682



RIGHT OF WAY LINE DATA

LINE	BEARING	DISTANCE
L1	S 74° 04' 18" E	7.00'
L2	N 16° 40' 52" W	12.99'
L3	N 43° 51' 36" W	20.73'

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET 0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY BOUNDARY SHEET
STA 10+00 TO STA 15+00

HAM-TR541

6 / 12

47 / 53

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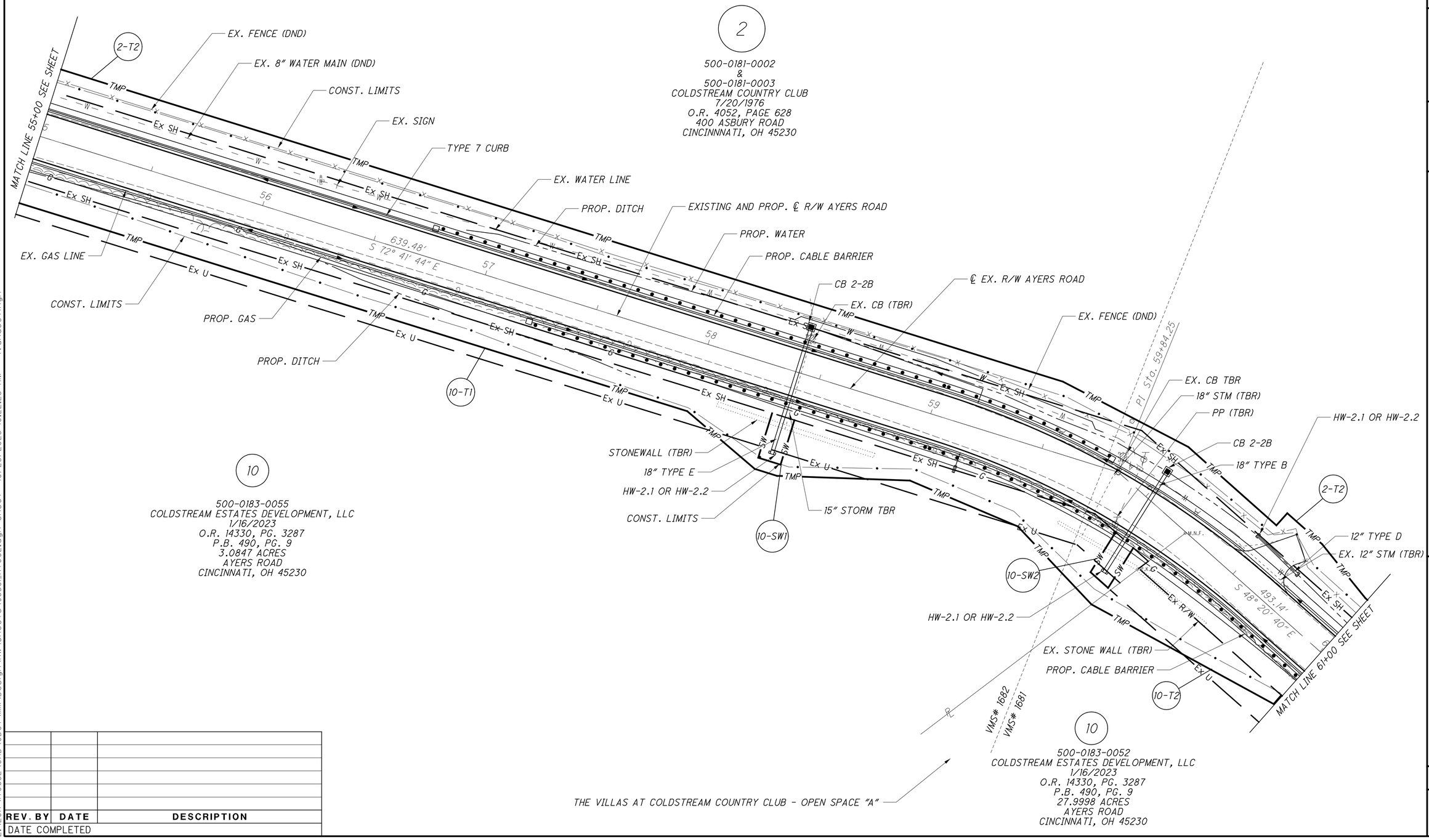
HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1681 & 1682



2
500-0181-0002
&
500-0181-0003
COLDSTREAM COUNTRY CLUB
7/20/1976
O.R. 4052, PAGE 628
400 ASBURY ROAD
CINCINNNATI, OH 45230

10
500-0183-0055
COLDSTREAM ESTATES DEVELOPMENT, LLC
1/16/2023
O.R. 14330, PG. 3287
P.B. 490, PG. 9
3.0847 ACRES
AYERS ROAD
CINCINNATI, OH 45230

10
500-0183-0052
COLDSTREAM ESTATES DEVELOPMENT, LLC
1/16/2023
O.R. 14330, PG. 3287
P.B. 490, PG. 9
27.9998 ACRES
AYERS ROAD
CINCINNATI, OH 45230

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY TOPO SHEET
STA 15+00 TO 21+00

HAM - TR541

7 / 12

48 / 53

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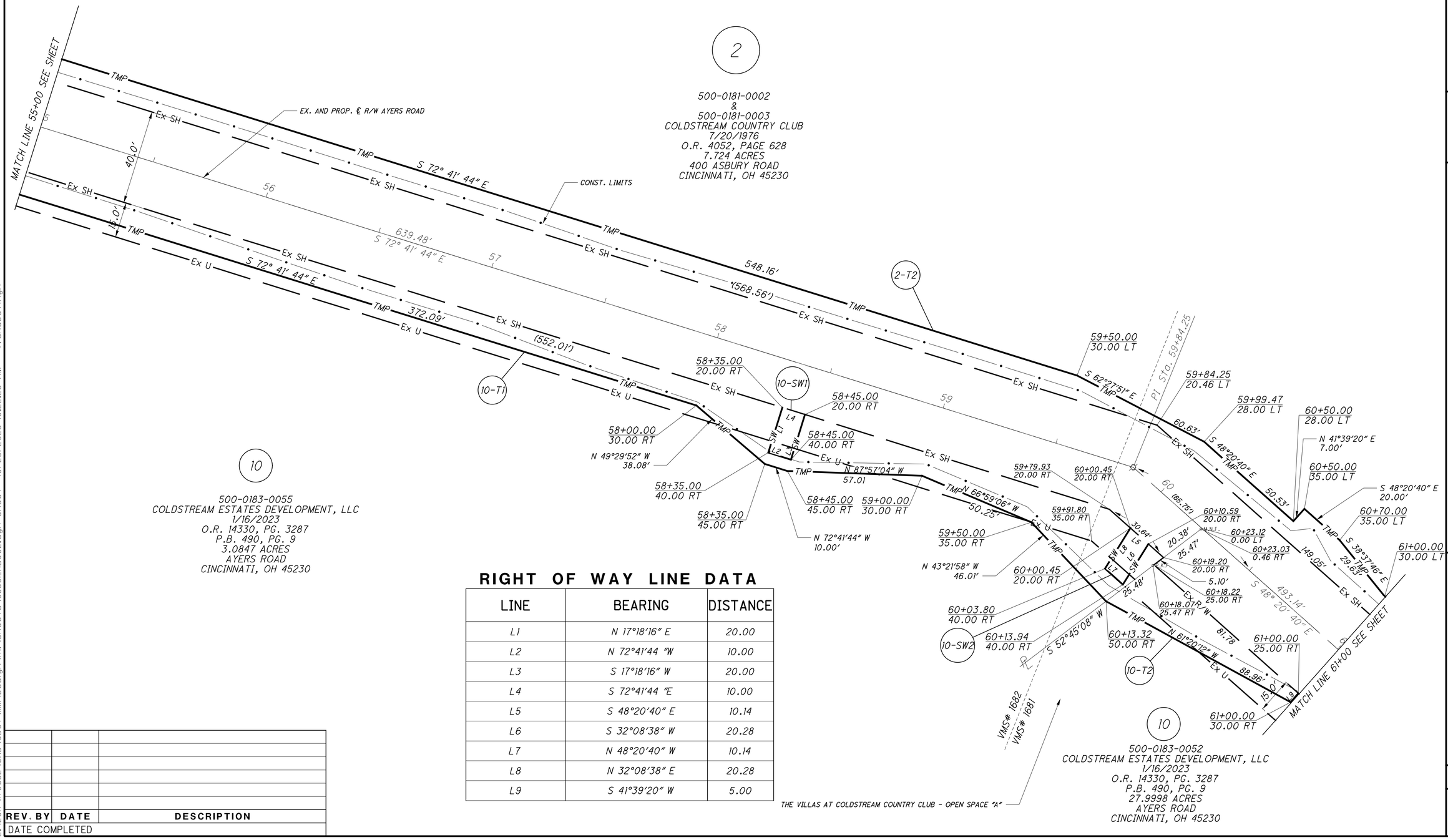
HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1681 & 1682



RIGHT OF WAY LINE DATA

LINE	BEARING	DISTANCE
L1	N 17°18'16" E	20.00
L2	N 72°41'44 "W	10.00
L3	S 17°18'16" W	20.00
L4	S 72°41'44 "E	10.00
L5	S 48°20'40" E	10.14
L6	S 32°08'38" W	20.28
L7	N 48°20'40" W	10.14
L8	N 32°08'38" E	20.28
L9	S 41°39'20" W	5.00

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY BOUNDARY SHEET
STA 15+00 TO STA 21+00

HAM-TR541

8 / 12

49 / 53

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HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1681

2

500-0181-0002
&
500-0181-0003
COLDSTREAM COUNTRY CLUB
O.R. 4052, PAGE 628
400 ASBURY ROAD
CINCINNATI, OH 45230

2

500-0181-0008
&
500-0181-0012
COLDSTREAM COUNTRY CLUB
O.R. 10427, PAGE 1499
400 ASBURY ROAD
CINCINNATI, OH 45230

5

500-0182-0041
COLDSTREAM COUNTRY CLUB REALTY LLC
O.R. 13436, PAGE 1222
400 ASBURY ROAD
CINCINNATI, OH 45230

LOT 1

5

500-0182-0042
COLDSTREAM COUNTRY CLUB REALTY LLC
O.R. 13436, PAGE 1222
400 ASBURY ROAD
CINCINNATI, OH 45230

LOT 2

2-T2

2-T3

PROP. DITCH

CONST. LIMITS

EXISTING FENCE

PROP. DITCH

FIRE HYDRANT
(RELOCATION REQUIRED)

PARKE PLACE AT COLDSTREAM SUBDIVISION
PHASE 1, BLOCK B, PB 459, PG 33-34

Sta. 64+77.38

TMP

Ex SH

Ex R/W

OH-Comb

MATCH LINE 61+00 SEE SHEET

MATCH LINE 66+00 SEE SHEET

62

63

64

65

493.14'
S 48° 20' 40" E

563.01'
S 54° 15' 59" E

EXISTING AND PROP. ℄ R/W AYERS ROAD

3" GAS

PROP. CABLE BARRIER

CONST. LIMITS

PROP. DITCH

THE VILLAS AT COLDSTREAM COUNTRY CLUB - OPEN SPACE "A"

THE VILLAS AT COLDSTREAM COUNTRY CLUB - OPEN SPACE "A"

LOT 1

LOT 2

LOT 26

LOT 25

THE VILLAS AT COLDSTREAM COUNTRY CLUB

10

500-0183-0052
COLDSTREAM ESTATES DEVELOPMENT, LLC
1/16/2023
O.R. 14330, PG. 3287
P.B. 490, PG. 9
27.9998 ACRES
AYERS ROAD
CINCINNATI, OH 45230

REV. BY	DATE	DESCRIPTION

DATE COMPLETED

HORIZONTAL SCALE IN FEET
0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY TOPO SHEET
STA 21+00 TO 26+00

HAM-TR541

9 / 12

50
53

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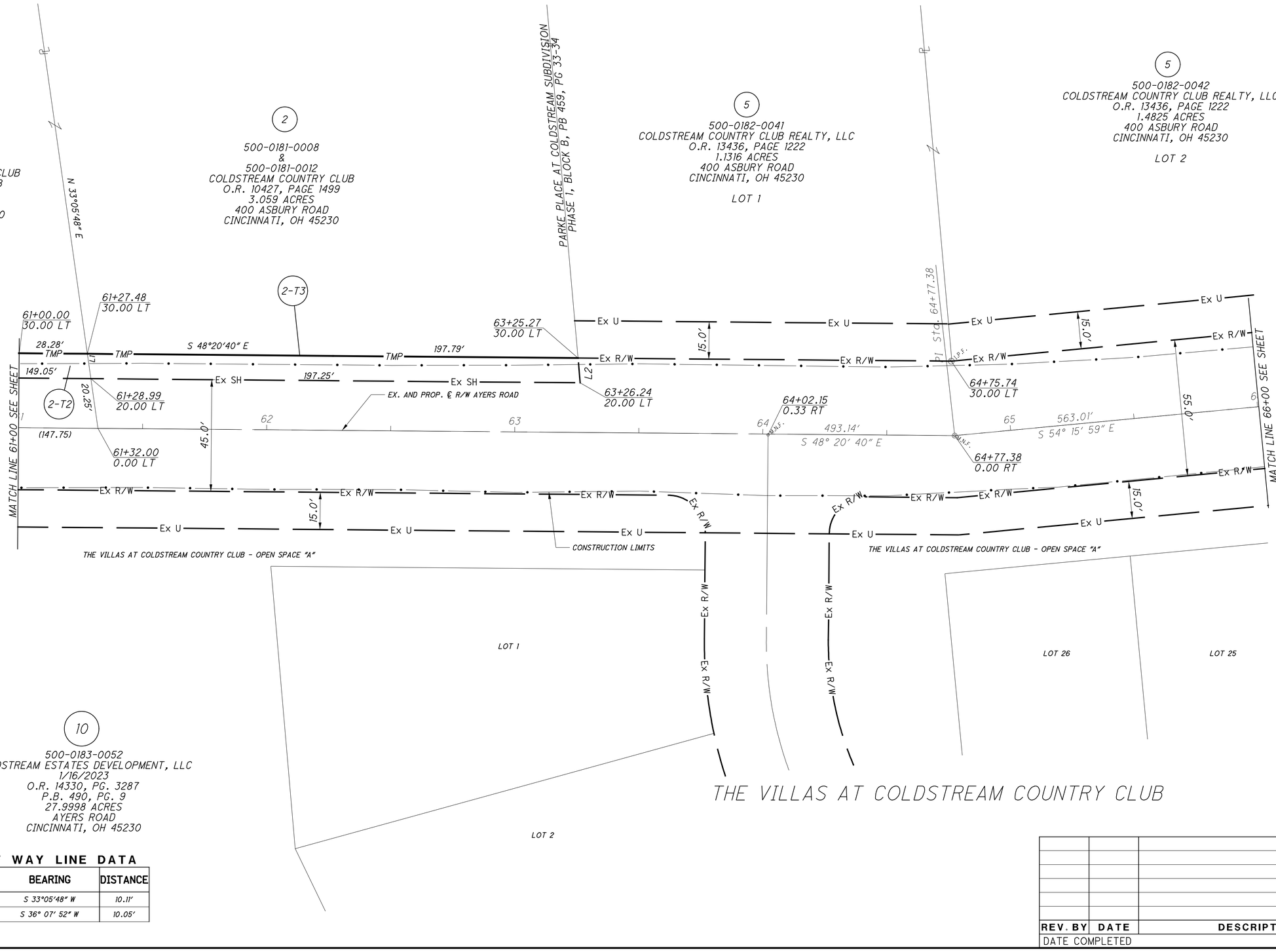
HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1681



10
500-0183-0052
COLDSTREAM ESTATES DEVELOPMENT, LLC
1/16/2023
O.R. 14330, PG. 3287
P.B. 490, PG. 9
27.9998 ACRES
AYERS ROAD
CINCINNATI, OH 45230

RIGHT OF WAY LINE DATA

LINE	BEARING	DISTANCE
L1	S 33°05'48" W	10.11'
L2	S 36° 07' 52" W	10.05'

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY BOUNDARY SHEET
STA 21+00 TO STA 26+00

HAM-TR541

10 / 12

51 / 53

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HAMILTON COUNTY
ANDERSON TOWNSHIP
VMS# 1681

5

500-0182-0042
COLDSTREAM COUNTRY CLUB REALTY, LLC
6/12/2017
O.R. 13436, PAGE 1222
LOT 2
PARKE PLACE AT COLDSTREAM SUBDIVISION
PHASE 1, BLOCK B
PLAT BOOK 459, PAGES 33-34
1.4825 ACRES
400 ASBURY ROAD
CINCINNATI, OH 45255

PARK PLACE AT COLDSTREAM SUBDIVISION
PHASE 1, BLOCK C
PB 457, PG 59

7

500-0186-0003
JEFFREY R. SCHAEPER
O.R. 14406, PAGE 2273
LOT 5A
PARKE PLACE AT COLDSTREAM SUBDIVISION
PHASE 1, BLOCK C
PLAT BOOK 457, PAGES 75-76 (REPLAT)
PLAT BOOK 461, PAGE 59
207 COLDSTREAM CLUB DRIVE
CINCINNATI, OH 45255

6

500-0186-0021
BLUE HOSE LLC
03/25/21
O.R. 14382 PAGE 1146
LOT 3A & 4A
PARKE PLACE AT COLDSTREAM SUBDIVISION
PHASE 1, BLOCK C
PLAT BOOK 457, PAGES 75-76 (REPLAT)
PLAT BOOK 461, PAGE 59
7794 AYERS ROAD
CINCINNATI, OH 45255

P.I. Sta. 71+13.71
Δ = 72° 29' 50" (RT)
Dc = 57° 17' 45"
R = 100.00'
T = 73.32'
L = 126.53'
E = 24.00'
C = 118.26'
C.B. = S 18° 01' 04" E

REMOVE AND REPLACE EX. FENCE
EX. 12" STM (TBR)
EX. 8" WATER MAIN (DND)
12" TYPE D
HW-2.1 OR HW-2.2
PROP. DITCH
CONST. LIMITS
MH-3
PROP. WATER
Ex R/W
SAN
W
G
T.E.L.
MATCH LINE 66+00 SEE SHEET
PROP. DITCH
67
68
563.01'
S 54° 15' 59" E
69
70
EXISTING AND PROP. ℄ R/W AYERS ROAD
3" GAS
24" TYPE B
CB 2-2B
PROP. GAS
CONST. LIMITS
PROP. DITCH
THE VILLAS AT COLDSTREAM COUNTRY CLUB - OPEN SPACE "A"
PC Sta. 70+40.39
PT Sta. 71+66.92
Ex R/W
℄

LOT 25
LOT 24
LOT 23
LOT 22
LOT 21
LOT 20

10

500-0183-0055
COLDSTREAM ESTATES DEVELOPMENT, LLC
1/16/2023
O.R. 14330, PG. 3287
P.B. 490, PG. 9
27.9998 ACRES
AYERS ROAD
CINCINNATI, OH 45230

THE VILLAS AT COLDSTREAM COUNTRY CLUB

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

HORIZONTAL SCALE IN FEET
0 10 20 40

PID NO. N/A

R/W DESIGNER XXX
R/W REVIEWER IAV

RIGHT OF WAY TOPO SHEET
STA 26+00 TO 30+45.76

HAM-TR541

11 / 12

52
53

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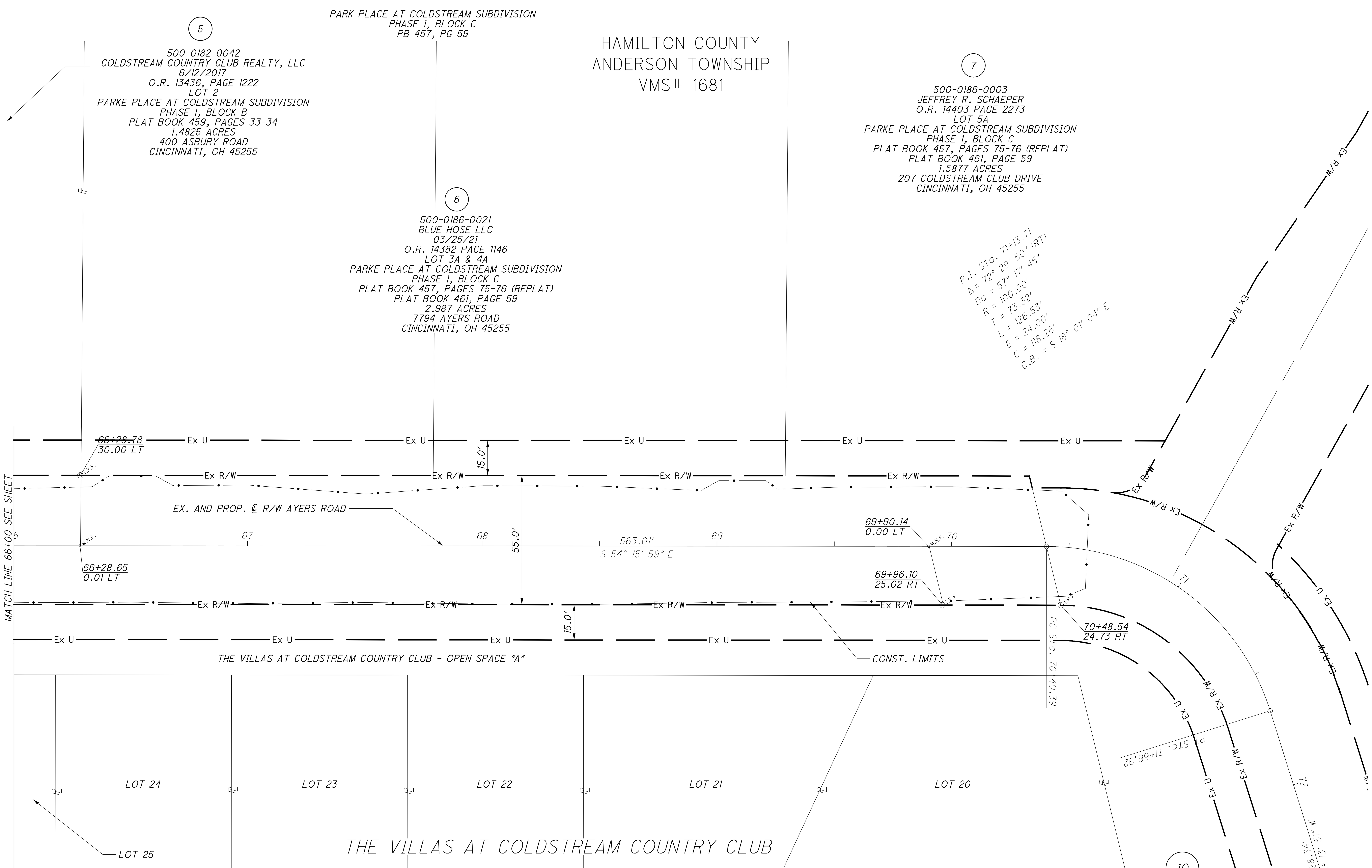

REV. BY	DATE	DESCRIPTION
DATE COMPLETED		

PID NO. N/A

R/W DESIGNER XXX

R/W REVIEWER IAV

RIGHT OF WAY BOUNDARY SHEET
STA 26+00 TO STA 30+27.73

HAM-TR541

12 / 12

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