

STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
 STATE ROUTE 4 WIDENING AT ACCESS DRIVE

MOT-04-11.05

JEFFERSON TOWNSHIP
 MONTGOMERY COUNTY

PROJECT DESCRIPTION

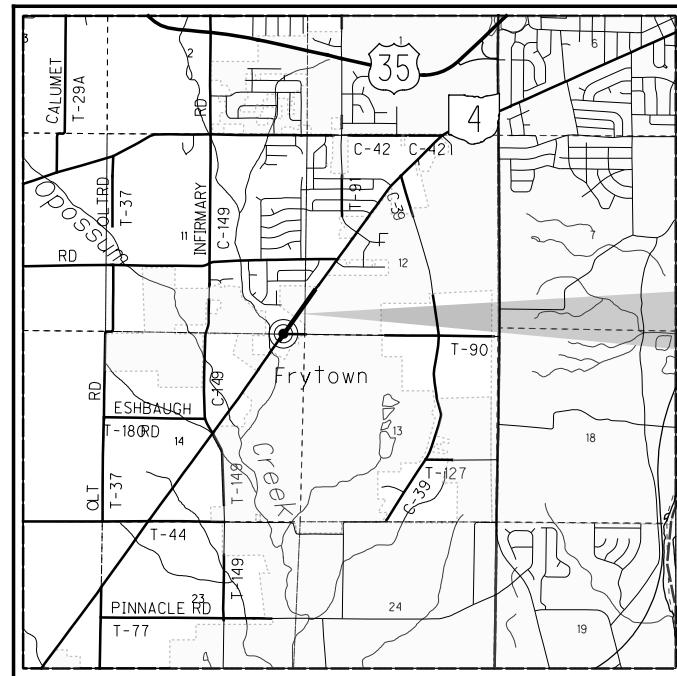
STATE ROUTE 4 WIDENING AT THE PROPOSED ACCESS DRIVE FOR THE NEW FUEL CENTER TO PROVIDE EXCLUSIVE LANES FOR THE NORTHBOUND LEFT TURNS AND SOUTHBOUND RIGHT TURNS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.93 ACRES
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.15 ACRES
 NOTICE OF INTENT EARTH DISTURBED AREA: 1.08 ACRES

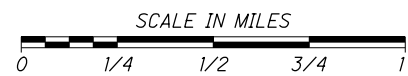
2023 SPECIFICATIONS

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



LOCATION MAP

LATITUDE: 39°43'21" LONGITUDE: -84°16'06"



PORTION TO BE IMPROVED	—————
INTERSTATE HIGHWAY	—————
FEDERAL ROUTES	—————
STATE ROUTES	—————
COUNTY & TOWNSHIP ROADS	—————
OTHER ROADS	—————

DESIGN DESIGNATION

CURRENT ADT (2024)	6300
DESIGN YEAR ADT (2034)	6900
DESIGN HOURLY VOLUME (2034)	950
DIRECTIONAL DISTRIBUTION	61%
TRUCKS (24 HOUR B&C)	350
DESIGN SPEED	50 MPH
LEGAL SPEED	45 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
PRINCIPAL ARTERIAL	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE

INDEX OF SHEETS:

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UNDERGROUND UTILITIES
 Contact Two Working Days
 Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
 (Non-members must be called directly)

PLAN PREPARED BY:

SHA ENGINEERING LLC
 6221 THORNBERRY COURT
 MASON, OH 45040



ENGINEERS SEAL:

SIGNED: _____
 DATE: _____

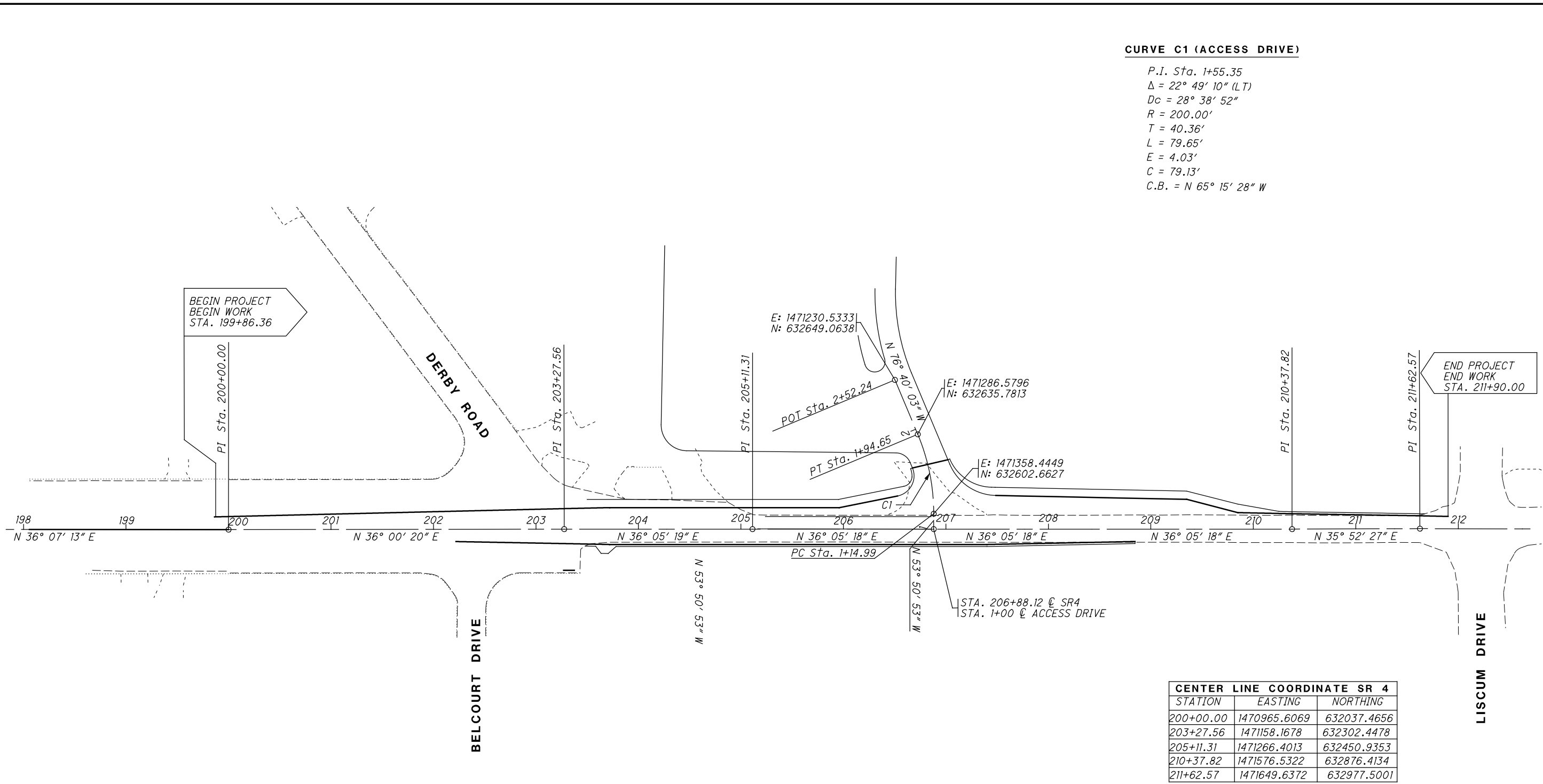
STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24	TC-52.10	10/18/13	800	1/19/24
BP-7.1	1/19/24	TC-52.20	1/15/21	832	7/21/23
		TC-65.10	1/17/14		
CB-2-2B	1/20/23	TC-65.11	1/19/24		
		TC-71.10	4/21/23		
DM-1.2	7/16/21				
DM-4.4	1/15/16				
MT-95.30	7/19/19				
MT-97.10	4/19/19				
MT-101.90	7/17/20				
MT-105.10	1/17/20				
TC-41.20	10/18/13				
TC-42.10	10/18/13				
TC-42.20	10/18/13				

APPROVED _____
 DATE _____ DISTRICT DEPUTY DIRECTOR

FEDERAL PROJECT NO. 00000
 PID NO. 00000
 CONSTRUCTION PROJECT NO. 00000
 RAILROAD INVOLVEMENT NONE
 MOT-04-11.05
 1/29

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CENTER LINE COORDINATE SR 4		
STATION	EASTING	NORTHING
200+00.00	1470965.6069	632037.4656
203+27.56	1471158.1678	632302.4478
205+11.31	1471266.4013	632450.9353
210+37.82	1471576.5322	632876.4134
211+62.57	1471649.6372	632977.5001

COORDINATES SHOW IN THE TABLE ARE GRID COORDINATES

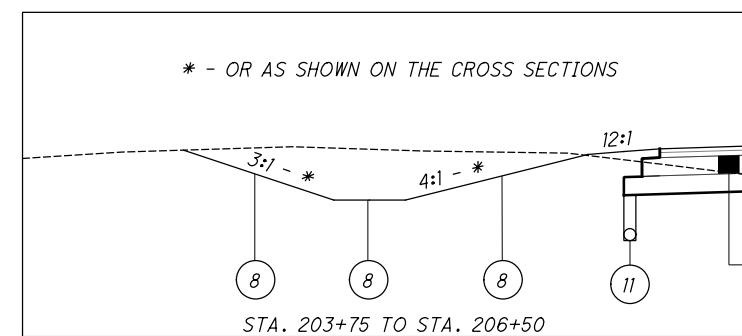
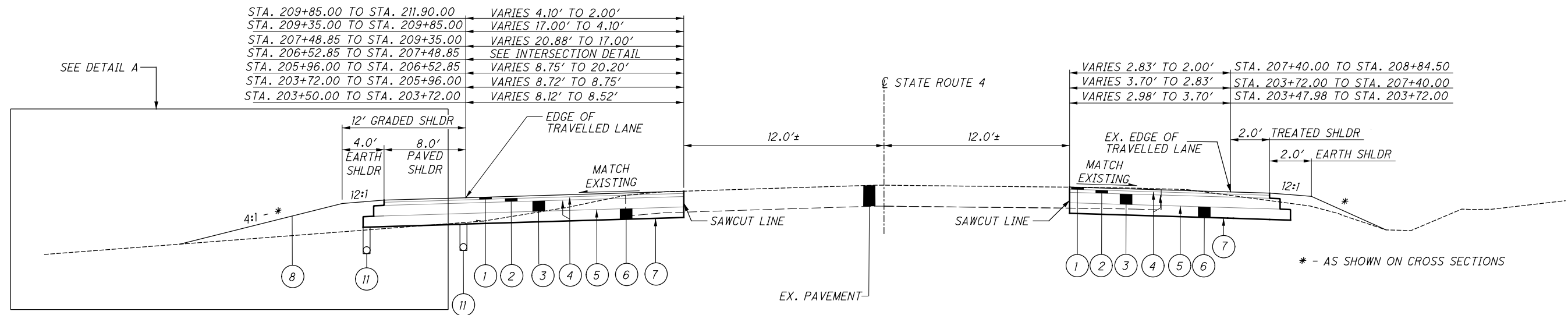
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 HORIZONTAL SCALE IN FEET

SCHEMATIC PLAN

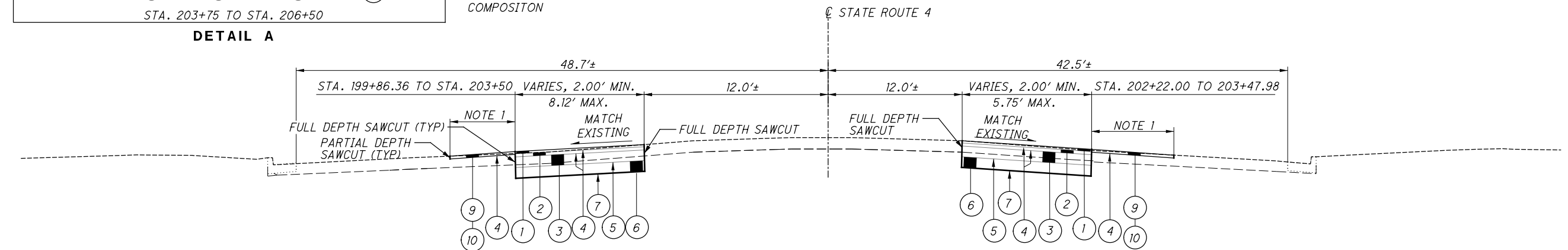
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DETAIL A

STA. 203+50 TO STA. 211+90.00 LEFT = 840.00 LIN. FT.
 STA. 203+47.98 TO STA. 208+84.50 RIGHT = 536.52 LIN. FT.



STA. 199+86.36 TO STA. 203+50.00 LEFT = 363.64 LIN. FT.
 STA. 202+22.00 TO STA. 203+47.98 RIGHT = 125.98 LIN. FT.

NOTES

1. SEE PLANS FOR THE WIDTHS AND LOCATION
2. THE EXISTING PAVEMENT EDGES SHALL BE SAWCUT, USING A DIAMOND EDGE BLADE, TO LOCATE A SOUND PAVEMENT EDGE. FOR ESTIMATING PURPOSES, A WIDTH OF 1' HAS BEEN USED AND SHOWN ON THE PLANS.

PROPOSED ITEM LEGEND

- | | |
|---|---|
| ① ITEM 441 - 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 | ⑧ ITEM 659 - SEEDING AND MULCHING |
| ② ITEM 441 - 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) | ⑨ ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, VARIABLE THICKNESS MINIMUM 1/4" |
| ③ ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22 | ⑩ ITEM 254 - PAVEMENT PLANING, ASPHALT 1/4" |
| ④ ITEM 407 - NON-TRACKING TACK COAT | ⑪ ITEM 605 - 6" BASE PIPE UNDERDRAIN, 18" DEPTH |
| ⑤ ITEM 408 - PRIME COAT | |
| ⑥ ITEM 304 - 6" AGGREGATE BASE | |
| ⑦ ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING | |

TYPICAL SECTIONS

MOT-04-11.05

UTILITIES

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

ROAD AND BRIDGE OWNER

MONTGOMERY COUNTY ENGINEER
451 W. THIRD ST.
P.O. BOX 972
DAYTON, OHIO 45422-1260
937-225-4904
ATTN: JOE DURA

STREETS AND STORM SEWER

JEFFERSON TOWNSHIP
580 CALUMET LANE, SUITE A
DAYTON, OHIO 45417
937-234-7276
ATTN: KENNETH SMITH JR.

WATER & SANITARY SEWER

MONTGOMERY COUNTY ENVIRONMENTAL SERVICES
1850 SPAULDING ROAD
DAYTON, OHIO 45432
937-781-2632
ATTN: ED SCHLAACK
SCHLAACK@MCOHIO.ORG

GAS

CENTERPOINT ENERGY
6500 CLYO ROAD
CENTERVILLE, OHIO 45459
937-312-2521
ATTN: GREG FISHMAN
GREG.FISHMAN@CENTERPOINTENERGY.COM

ELECTRIC

AES OHIO
1900 DRYDEN ROAD
DIST. ENG. AREA 136
DAYTON, OHIO 45439
937-331-4521
ATTN: WILLIAM WARD
WILLIAM.WARD@AES.COM

WATER

JEFFERSON REGIONAL WATER AUTHORITY
1230 SOLDIERS HOME
MIAMISBURG, OHIO 45342
ATTN: NICHOLAS JOHNSON
OH033NICK@GMAIL.COM

CABLE

AT&T
950 FREEWAY DRIVE NORTH
COLUMBUS, OHIO 43229
614-431-9292
ATTN: HOWARD LAUDERMILK
HL1596@ATT.COM

UTILITIES

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.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 7PM AND 7AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

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.

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING 8 HOURS.

SEEDING AND MULCHING

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

659, SEEDING AND MULCHING
1587 SQ. YD.

659, REPAIR SEEDING AND MULCHING
159 SQ. YD.

659, COMMERCIAL FERTILIZER
0.14 TON

659, WATER
9 M. GAL.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY ODOT, MONTGOMERY COUNTY, WASHINGTON TOWNSHIP, THE ENGINEER REPRESENTING THE OWNER, AND THE CONTRACTOR SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY ODOT, MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF ODOT, MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER REPRESENTING THE OWNER, MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER REPRESENTING THE OWNER, MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

PLAN NOTES

NO STOCKPILING OF MATERIALS IN STATE RIGHT OF WAY.

NO STEEL TRACKED EQUIPMENT SHALL BE ALLOWED ON A STATE ROUTE.

NO CHANGES TO THE WORK SHOWN ON THE PLANS WITHIN THE STATE RIGHT OF WAY ARE TO BE MADE WITHOUT ODOT APPROVAL.

NO PROJECT IDENTIFICATION SIGNS ARE TO BE PLACED IN STATE RIGHT OF WAY.

ODOT SHALL BE INVITED TO THE PROJECT PRECONSTRUCTION MEETING AND BE PROVIDED WITH CONTACT INFORMATION FOR THE CONTRACTOR, ENGINEER REPRESENTING THE OWNER, MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP.

ANY EXISTING PIPE, FIELD TILES, UNDERDRAINS, STORM DRAINS, ETC. ENCOUNTERED WITHIN ODOT RIGHT OR WAY SHALL BE REPLACED IN KIND PER ODOT STANDARDS UNLESS THE PIPE MATERIAL IS CLAY IN WHICH SDR-26 PVC SHALL BE USED AS A REPLACEMENT.

DISPOSING OF EXCESS OR UNSUITABLE EXCAVATED MATERIAL IN WETLANDS OR FLOODPLAINS, EVEN WITH PROPERTY OWNER'S PERMISSION, IS PROHIBITED.

ALL DRIVEWAYS SHALL REMAIN OPEN AT ALL TIMES. THE CONTRACTOR SHALL CONTACT ALL PROPERTY OWNERS PRIOR TO THE START OF WORK.

ANY SIGN REMOVED/REPLACED IN ODOT RIGHT OF WAY SHALL BE DETERMINED BY ODOT.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO ENSURE THE GRASS IS ESTABLISHED TO THE SATISFICATION OF ODOT WITHIN STATE RIGHT OF WAY WHICH MAY REQUIRE ADDITIONAL WATERING, FERTILIZING, RESEEDING AND MULCHING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REGRADING AND RESEEDING ANY AREAS THAT HAVE ERODED OR AREAS THAT NEW GRASS DID NOT GERMINATE UNTIL THE ENTIRE AREA IS STABLIZED, SHAPED AND DRAINED AS PER THE PLANS.

THE ODOT RIGHT OF WAY USE PERMITTEE IS RESPONSIBLE FOR ALL THE UTILITY RELOCATION REQUIRED ON THE PROJECT WITHIN STATE RIGHT OF WAY. ALL WORK REQUIRED FOR UTILITY RELOCATION WITHIN STATE RIGHT OF WAY SHALL BE COORDINATED BY THE PERMITTEE. THE PERMITTEE IS RESPONSIBLE TO ENSURE ALL REQUIRED RIGHT OF WAY USE PERMITS ARE OBTAINED AS NEEDED PRIOR TO THE BEGINNING OF ANY UTILITY RELOCATION WORK.

ALL STATE ROUTES AND ROADWAYS WITHIN THE WORK AREA OF THE PROJECT SHALL BE KEPT CLEAR OF MUD, DIRT AND DEBRIS AT ALL TIMES.

ALL AREAS OF REMOVAL, ESPECIALLY PAVEMENET REMOVAL, MUST ADHERE TO ITEM 202 SPECIFICATION REGARDING BACKFILL OF THAT AREA.

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GENERAL NOTES

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ITEM 614, MAINTAINING TRAFFIC

TRAFFIC ON ALL ROADWAYS WITHIN THE PROJECT LIMIT SHALL BE MAINTAINED AT ALL TIMES. ON STATE ROUTE 4 A LANE FOR THE NORTHBOUND AND SOUTHBOUND SHALL BE MAINTAINED. A LANE CLOSURE WITH FLAGGERS MAY BE ALLOWED FOR SHORT DURATIONS DURING THE OFF PEAK HOURS. THE CONTRACTOR SHALL NOTIFY ODOT, MONTGOMERY COUNTY FOR ANY LANE CLOSURE AND TIMING OF THE LANE CLOSURE, FOR REVIEW AND APPROVAL.

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS GENERAL/REGULAR ELECTION DAY (NOV)
FOURTH OF JULY OTHER HOLIDAY OR SPECIAL EVENT
NEW YEAR'S
LABOR DAY
MEMORIAL DAY
THANKSGIVING

ITEM 614, MAINTAINING TRAFFIC (LANE CLOSURE REQUIRED)

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER REPRESENTING THE OWNER WITH CONCURRENCE FROM ODOT AND MONTGOMERY COUNTY. 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 REPRESENTING THE OWNER WITH CONCURRENCE FROM ODOT AND MONTGOMERY COUNTY SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER REPRESENTING THE ODOT AND MONTGOMERY COUNTY.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 4" INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER REPRESENTING THE OWNER, MONTGOMERY COUNTY AND WASHINGTON TOWNSHIP.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 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 SEPARATELY ITEMIZED IN THE PLAN.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTIONS (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE ITEM DURATION OF NOTICE DUE TO CLOSURE PERMITS & PIO

ITEM	DURATION OF PERMIT	NOTICE DUE TO PERMITS & PIO
RAMPS & ROAD	≥ 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	≥ 12 WEEKS < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURE	≤ 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURE & RESTRICTION	≥ 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

DRUM REQUIREMENTS

IN ADDITION TO THE REQUIREMENTS OF THE PLANS, SPECIFICATION AND PROPOSAL, DRUMS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND UNUSED AT THE TIME OF ARRIVAL ON THE PROJECT. ANY DRUMS BROUGHT ON THE PROJECT, WHICH HAVE PREVIOUSLY BEEN USED ELSEWHERE, WILL NOT BE ACCEPTED.

PAYMENT FOR DRUMS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR MAINTAINING TRAFFIC UNLESS SEPARATELY

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 4 M. GAL.

MAINTAINING EXISTING ACCESS

ACCESS TO DERBY ROAD AND BELCOURT DRIVE SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF OF THE PROJECT.

SEQUENCE OF CONSTRUCTION

A LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIME EXCEPT FOR THE SHORT TIME LANE CLOSURES AS APPROVED BY ODOT.

THE SEQUENCE OF CONSTRUCTION IS IDENTIFIED BELOW.

INITIAL PHASE

PLACE ALL WORK AND TRAFFIC CONTROL DEVICES PER C&MS 614 AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. PLACE A MINIMUM OF 2' OF PAVEMENT FOR MAINTAINING TRAFFIC ON THE EAST SIDE OF STATE ROUTE 4 AND TEMPORARY STRIPE TWO 10' LANES PER SECTION A-A ON SHEET 6.

TEMPORARY PAVEMENT FOR MAINTAINING TRAFFIC AS IDENTIFIED ON SHEET XX SHALL BE BUILT PRIOR TO THE START OR PHASE I AND PHASE II IDENTIFIED BELOW

PHASE I

AFTER THE INITIAL PHASE IS COMPLETE, THE CONSTRUCTION FOR PHASE I SHALL START. PHASE I OF MAINTENANCE OF TRAFFIC INVOLVES PAVEMENT WIDENING, PROPOSED SHOULDER, DITCHES AND OTHER ITEMS ALONG WEST SIDE OF STATE ROUTE 4. THE DETAILS ARE FOR PHASE I OF MAINTAINING TRAFFIC ARE INCLUDED ON SHEET 6.

PHASE II

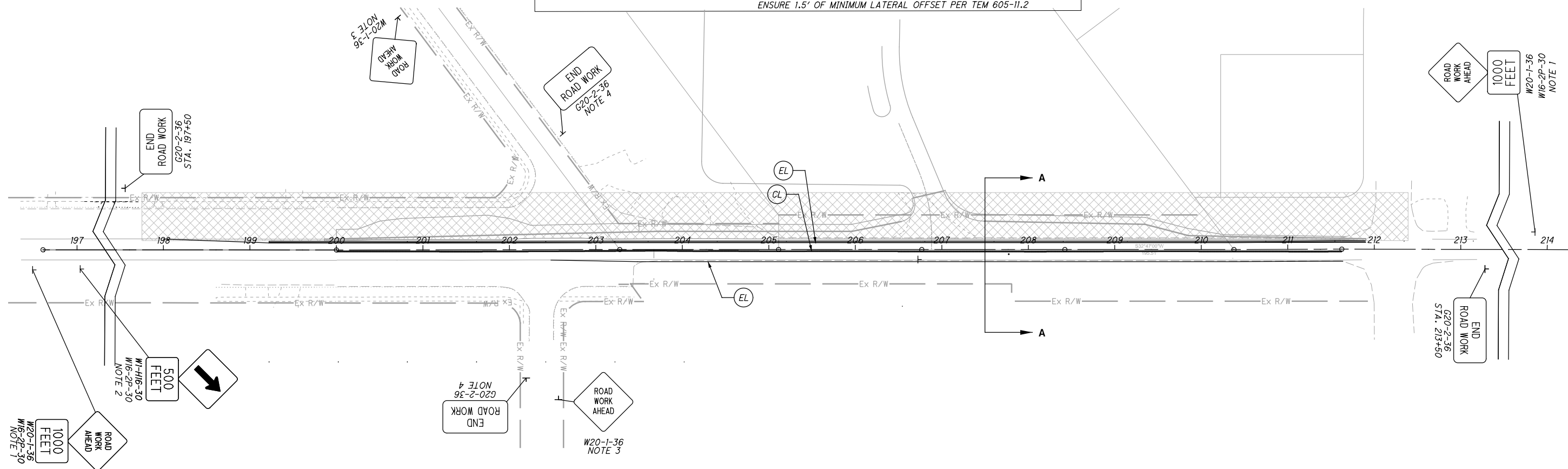
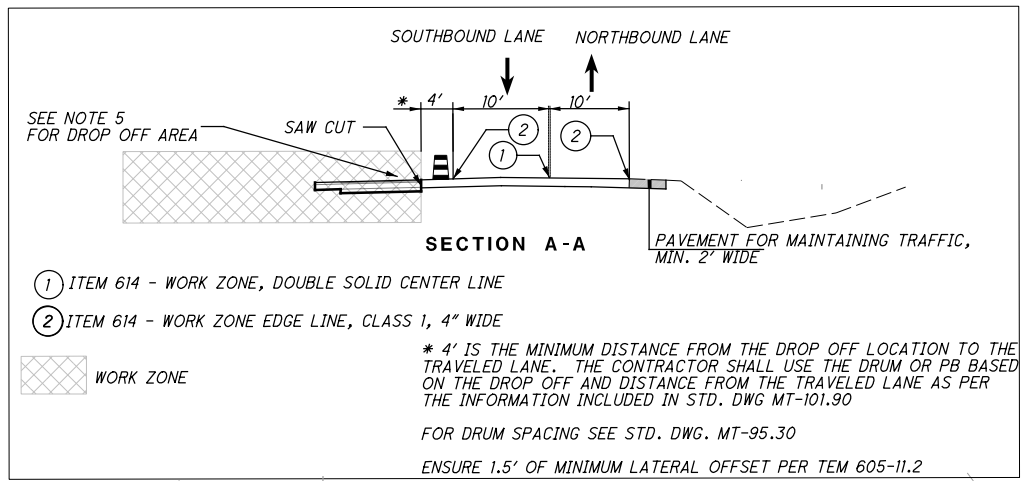
PHASE II OF MAINTENANCE OF TRAFFIC PLANS IS FOR THE CONSTRUCTION ALONG THE EAST SIDE OF STATE ROUTE 4 INCLUDING PAVEMENT WIDENING, PROPOSED SHOULDER AND GRADING. THE DETAILS ON PHASE II OF MAINTAINING TRAFFIC ARE INCLUDED IN SHEET 7.

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MAINTENANCE OF TRAFFIC GENERAL NOTES

MOT-04-11.05

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- LEGEND**
- (EL) ITEM 614 - WORK ZONE EDGE LINE, CLASS 1, 4" WIDE
 - (CL) ITEM 614 - WORK ZONE, DOUBLE SOLID CENTER LINE
 - WORK ZONE
 - WORK ZONE DRUMS (OR PCBORTABLE CONCRETE BARRIER)
 - WORK ZONE CENTERLINE

- NOTES**
1. PLACE THE SIGN 1000 FEET FROM START OF CONSTRUCTION.
 2. PLACE THE SIGN 500 FEET FROM START OF TAPER.
 3. BEGIN THE SIGN 1000 FEET FROM THE INTERSECTION.
 4. PLACE THE SIGN 200 FEET FROM THE INTERSECTION.

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0 30 60 120
HORIZONTAL SCALE IN FEET

**MAINTENANCE OF TRAFFIC PLAN
PHASE I**

MOT-04-11.05

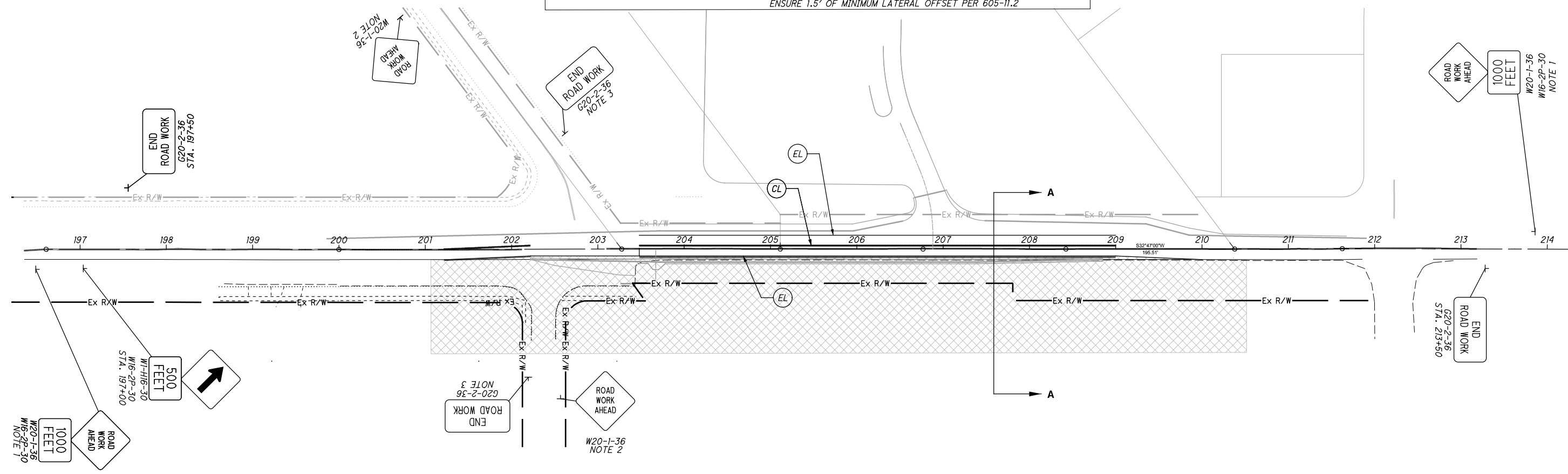
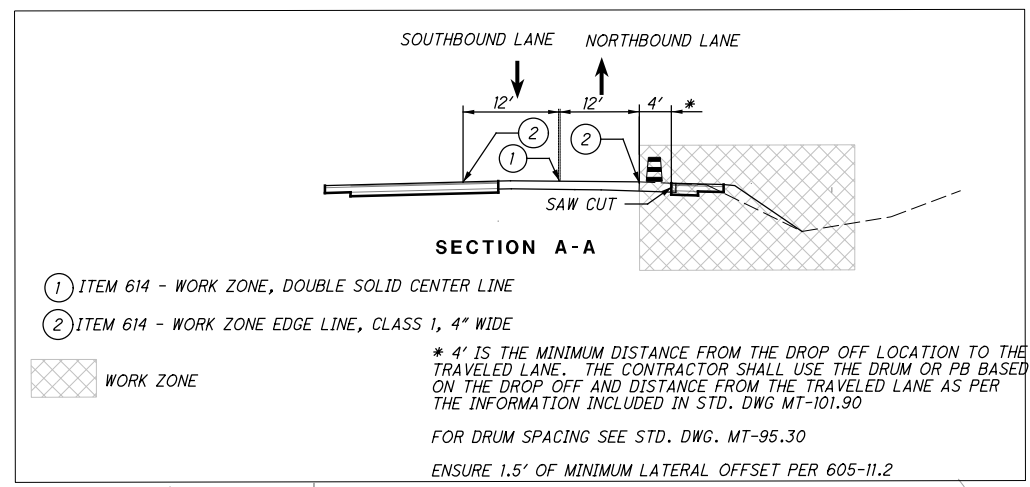
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0 30 60 120
HORIZONTAL SCALE IN FEET



**MAINTENANCE OF TRAFFIC PLAN
PHASE II**

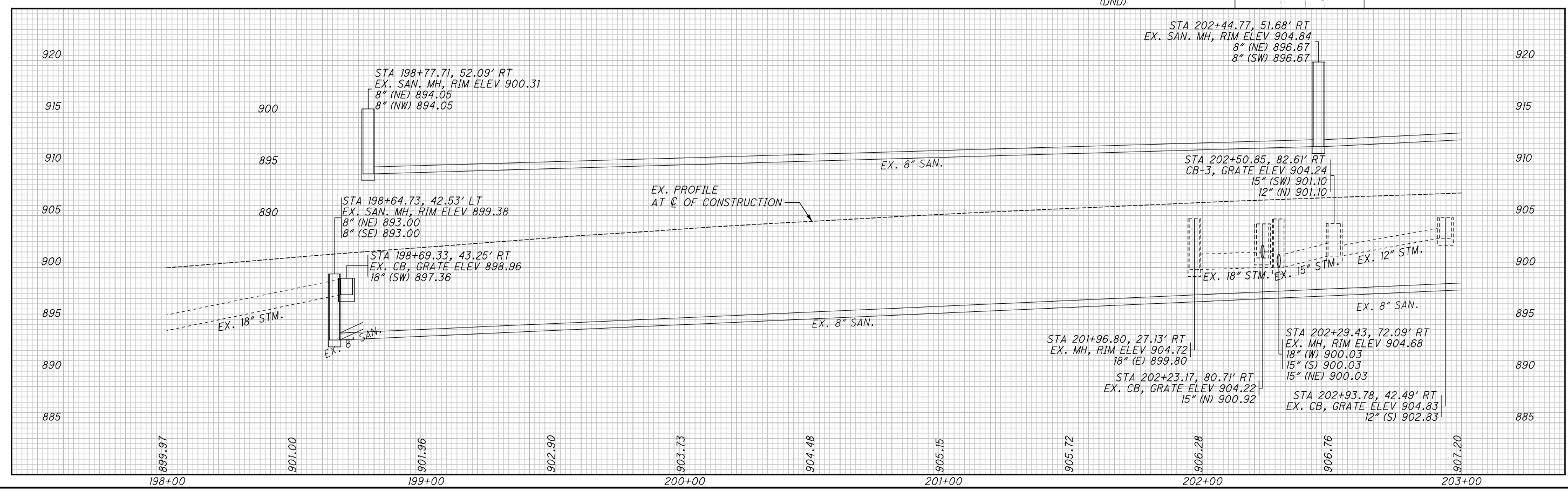
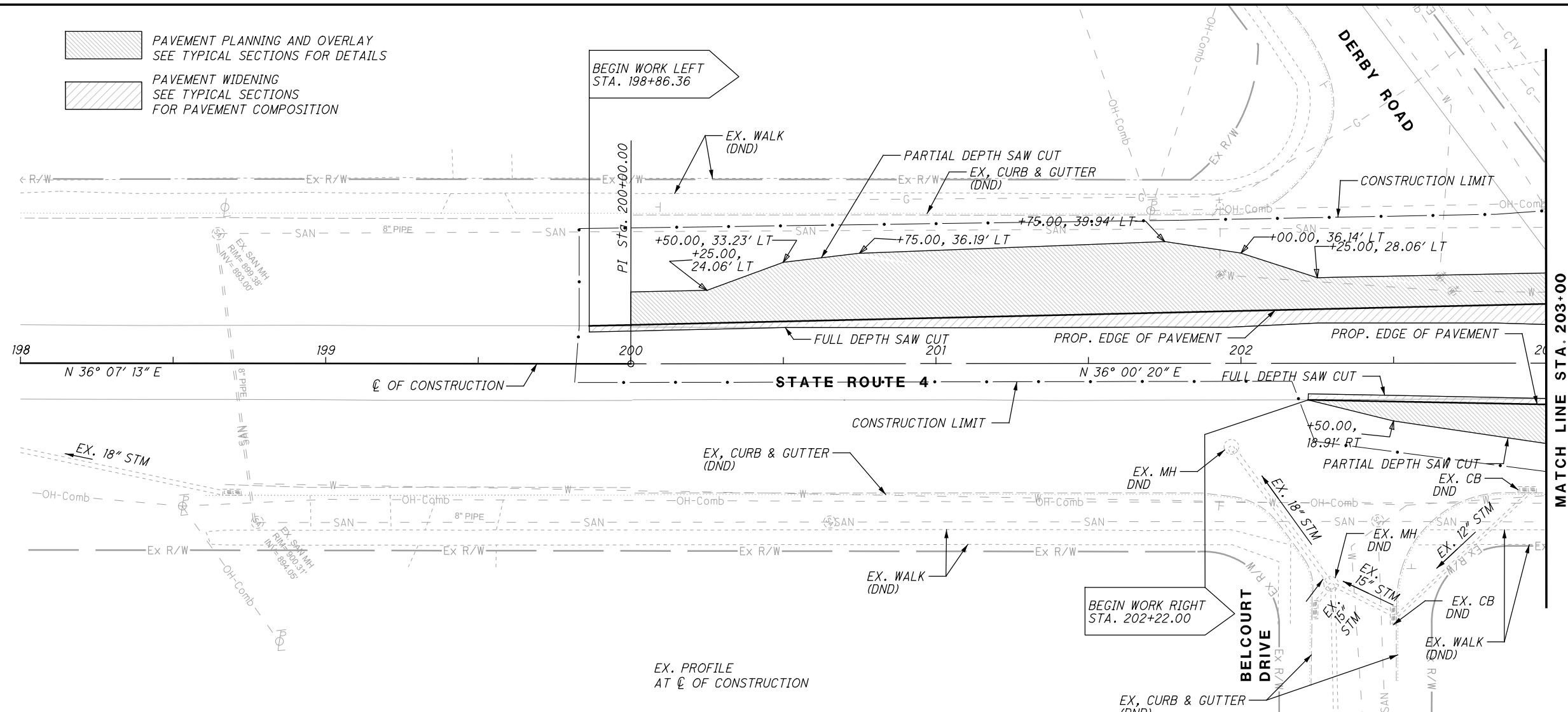
MOT-04-11.05



- LEGEND**
- (EL) ITEM 614 - WORK ZONE EDGE LINE, CLASS 1, 4" WIDE
 - (CL) ITEM 614 - WORK ZONE, DOUBLE SOLID CENTER LINE
 - WORK ZONE
 - WORK ZONE DRUMS (OR PCBORTABLE CONCRETE BARRIER)
 - WORK ZONE CENTERLINE

- NOTES**
1. PLACE THE SIGN 1000 FEET FROM START OF CONSTRUCTION.
 2. BEGIN THE SIGN 1000 FEET FROM THE INTERSECTION.
 3. PLACE THE SIGN 200 FEET FROM THE INTERSECTION.

-  PAVEMENT PLANNING AND OVERLAY
SEE TYPICAL SECTIONS FOR DETAILS
-  PAVEMENT WIDENING
SEE TYPICAL SECTIONS
FOR PAVEMENT COMPOSITION

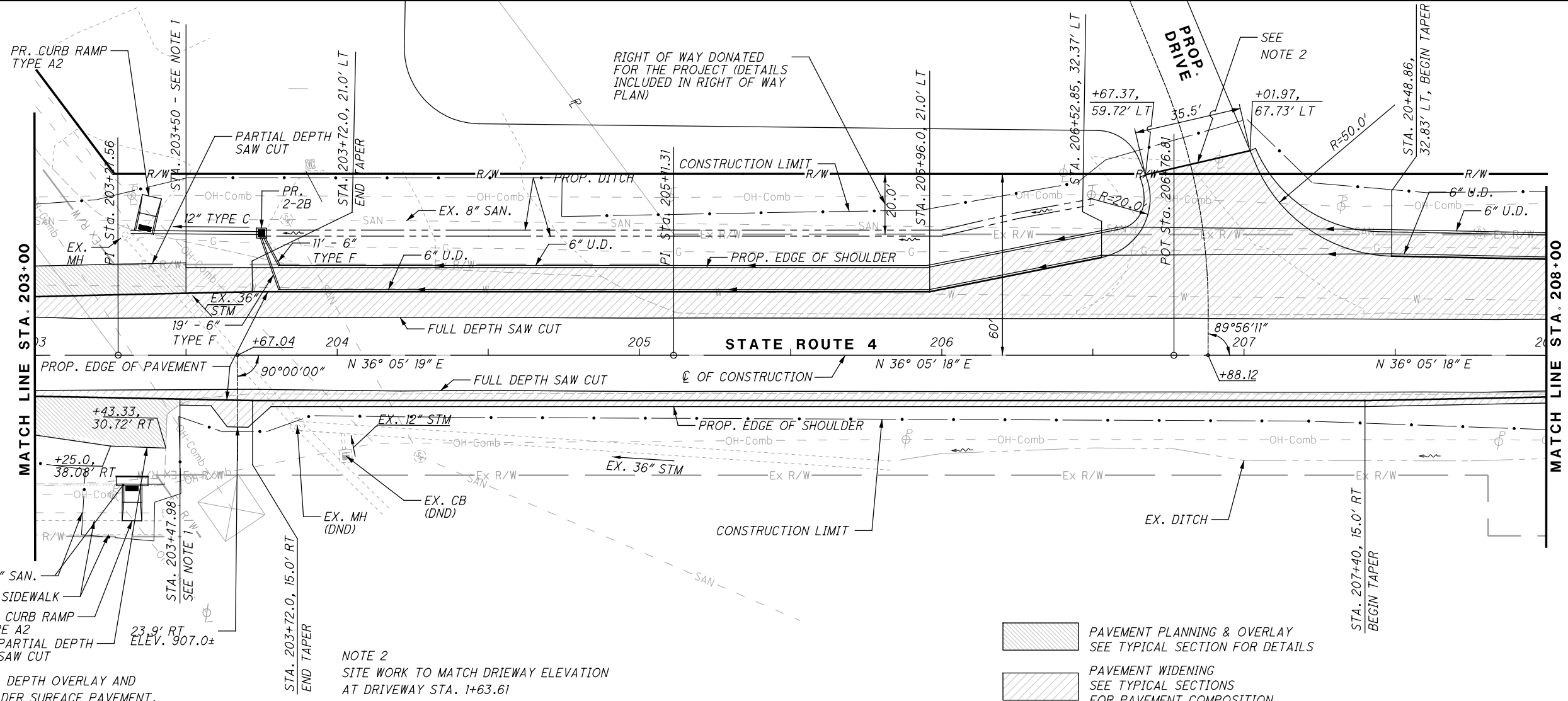


**PLAN AND PROFILE STATE ROUTE 4
STA. 198+00 TO STA. 203+00**

MOT-04-11.05

C:\Project\data\24006_SR4\FUELCENTER\Design\Roadway\Sheets\20006_GPO01.dgn_Sheet 8/20/2024 9:30:51 AM jadh

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\20006.GP002.dgn Sheet 8/20/2024 9:30:53 AM Jadhav

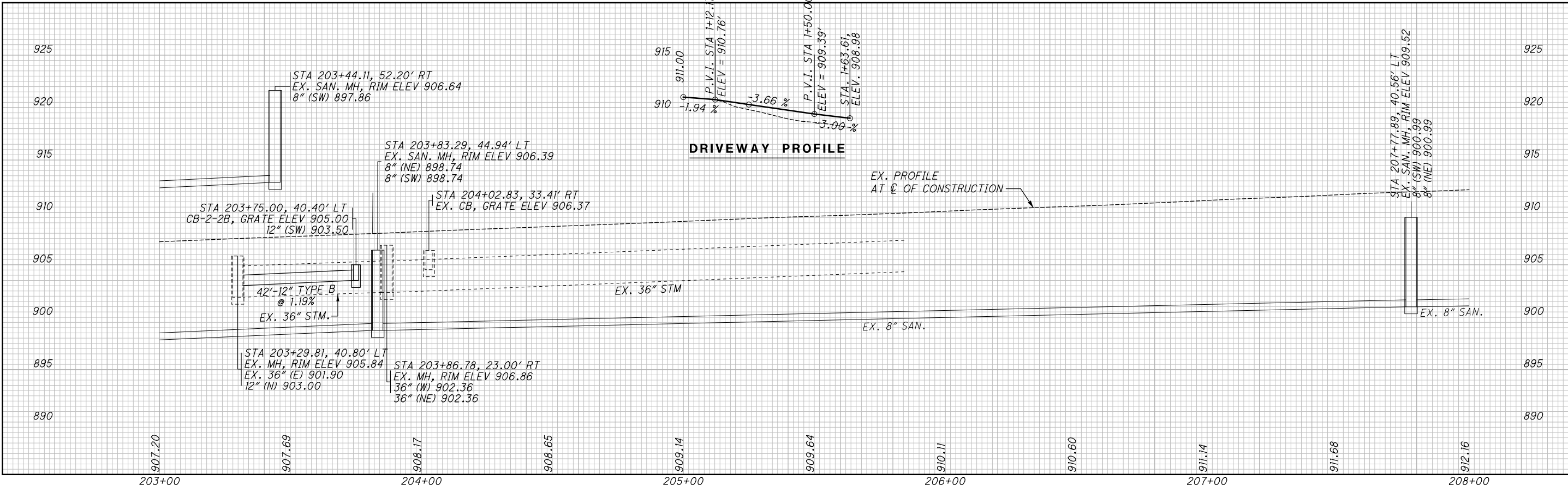


NOTE 1:
END PARTIAL DEPTH OVERLAY AND
BEGIN SHOULDER SURFACE PAVEMENT.

NOTE 2:
SITE WORK TO MATCH DRIEWAY ELEVATION
AT DRIVEWAY STA. 1+63.61

PAVEMENT PLANNING & OVERLAY
SEE TYPICAL SECTION FOR DETAILS

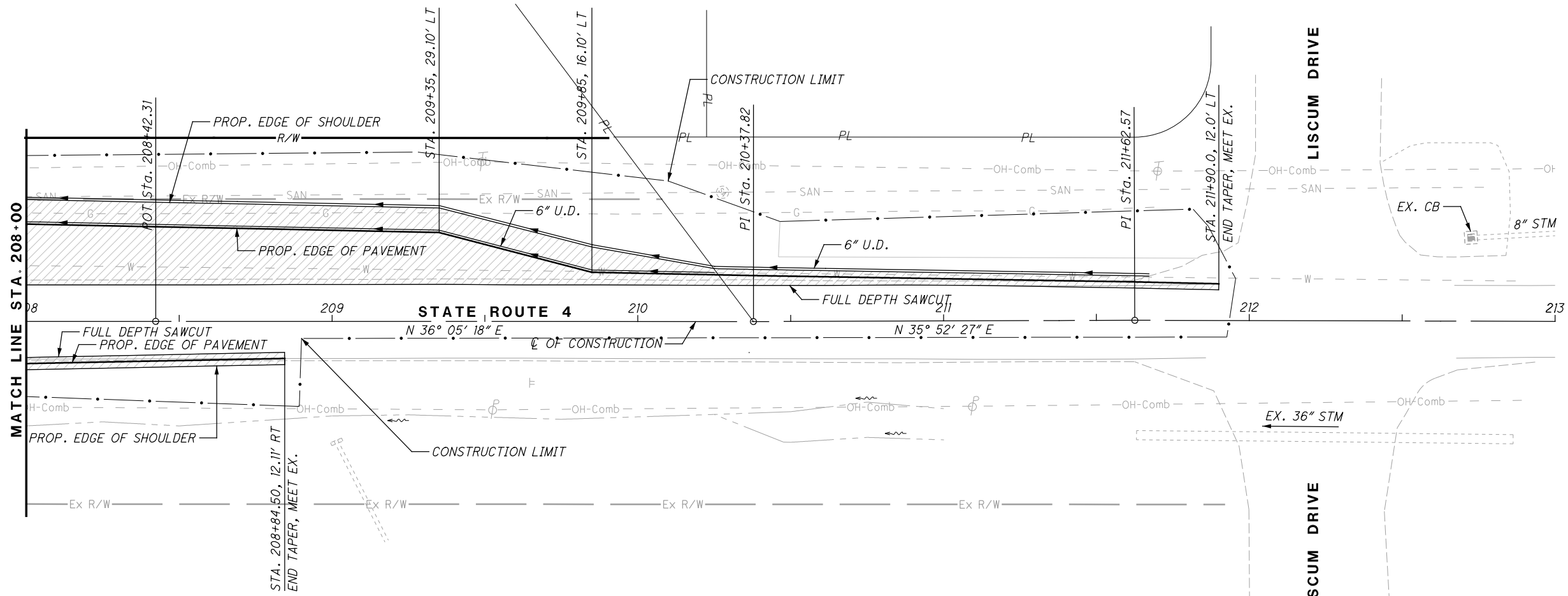
PAVEMENT WIDENING
SEE TYPICAL SECTIONS
FOR PAVEMENT COMPOSITION



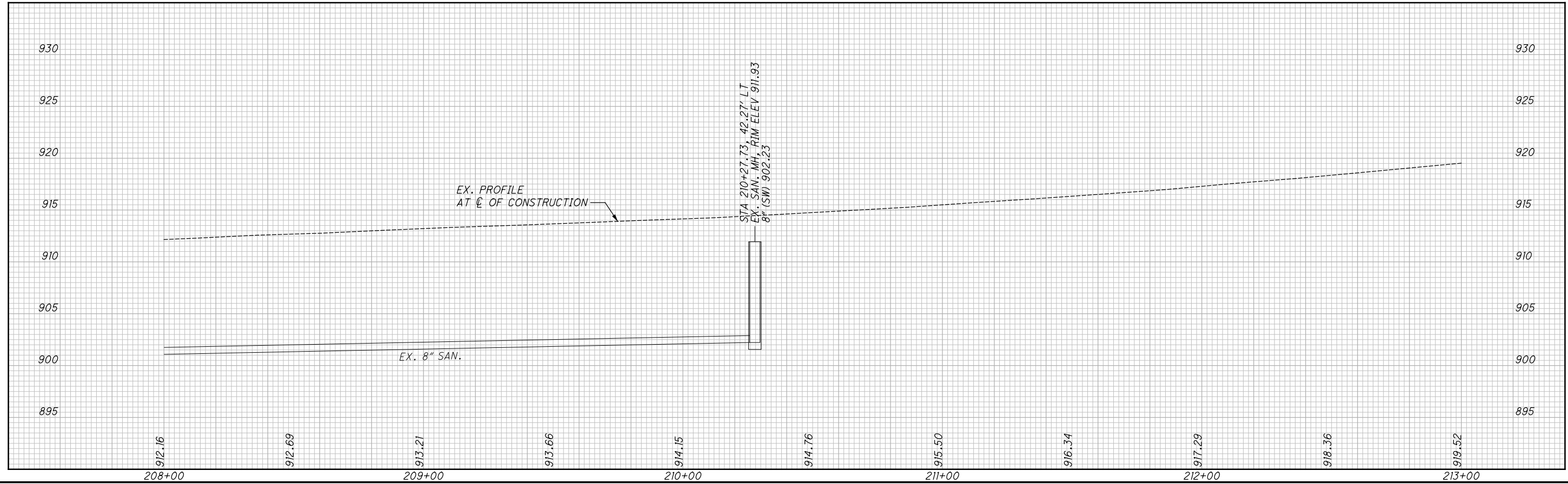
PLANNED AND PROFILE STATE ROUTE 4
STA. 203+00 TO STA. 208+00

MOT-04-11.05

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 PAVEMENT WIDENING
SEE TYPICAL SECTIONS FOR
PAVEMENT COMPOSITION



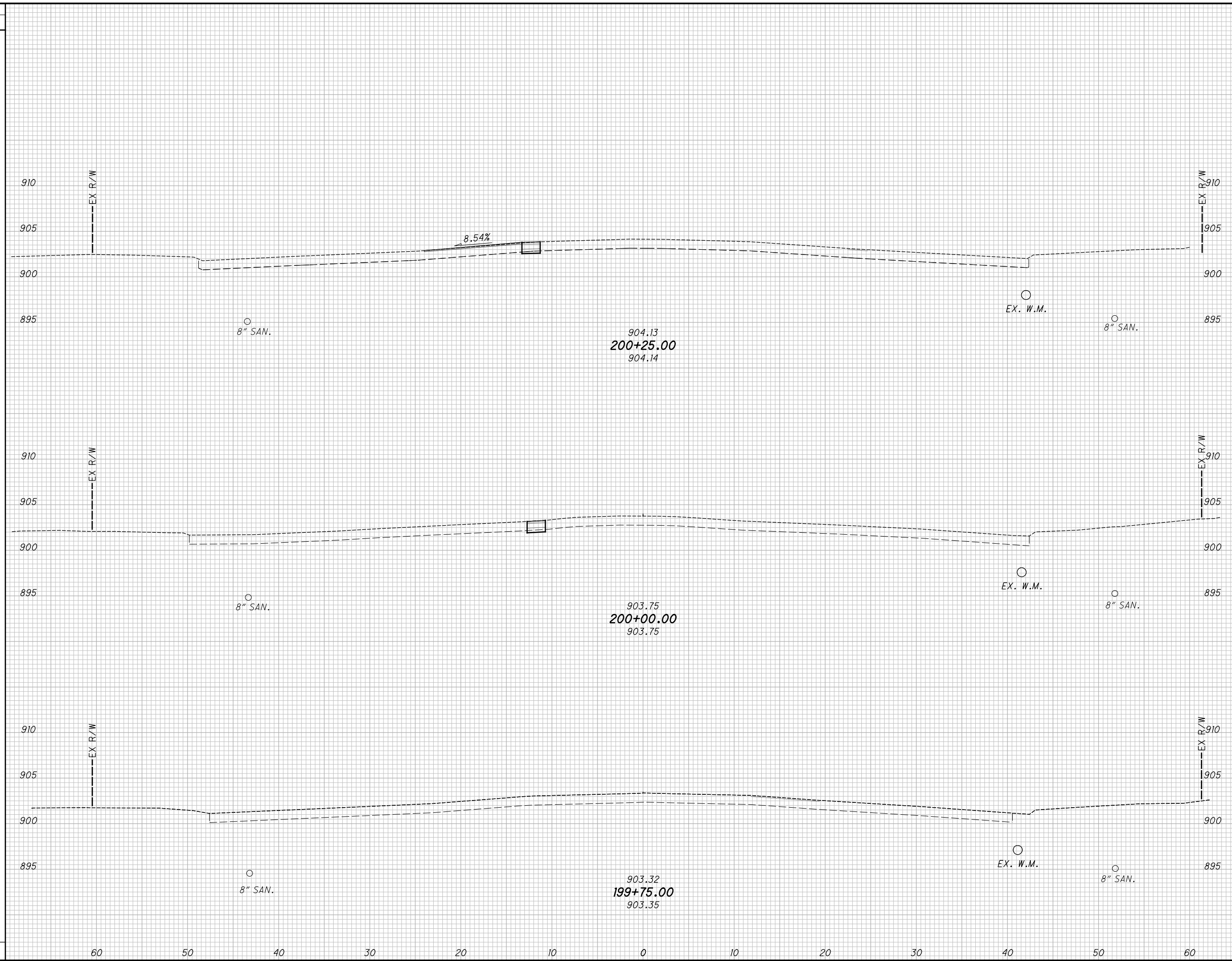
CALCULATED JA
CHECKED JA

**PLAN AND PROFILE STATE ROUTE 4
STA. 208+00 TO STA. 213+00**

MOT-04-11.05

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SEEDING	
END WIDTH	SO. YDS.
0	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
2	0	2	0
3	0	1	0
0	0	0	0
3	0	3	0

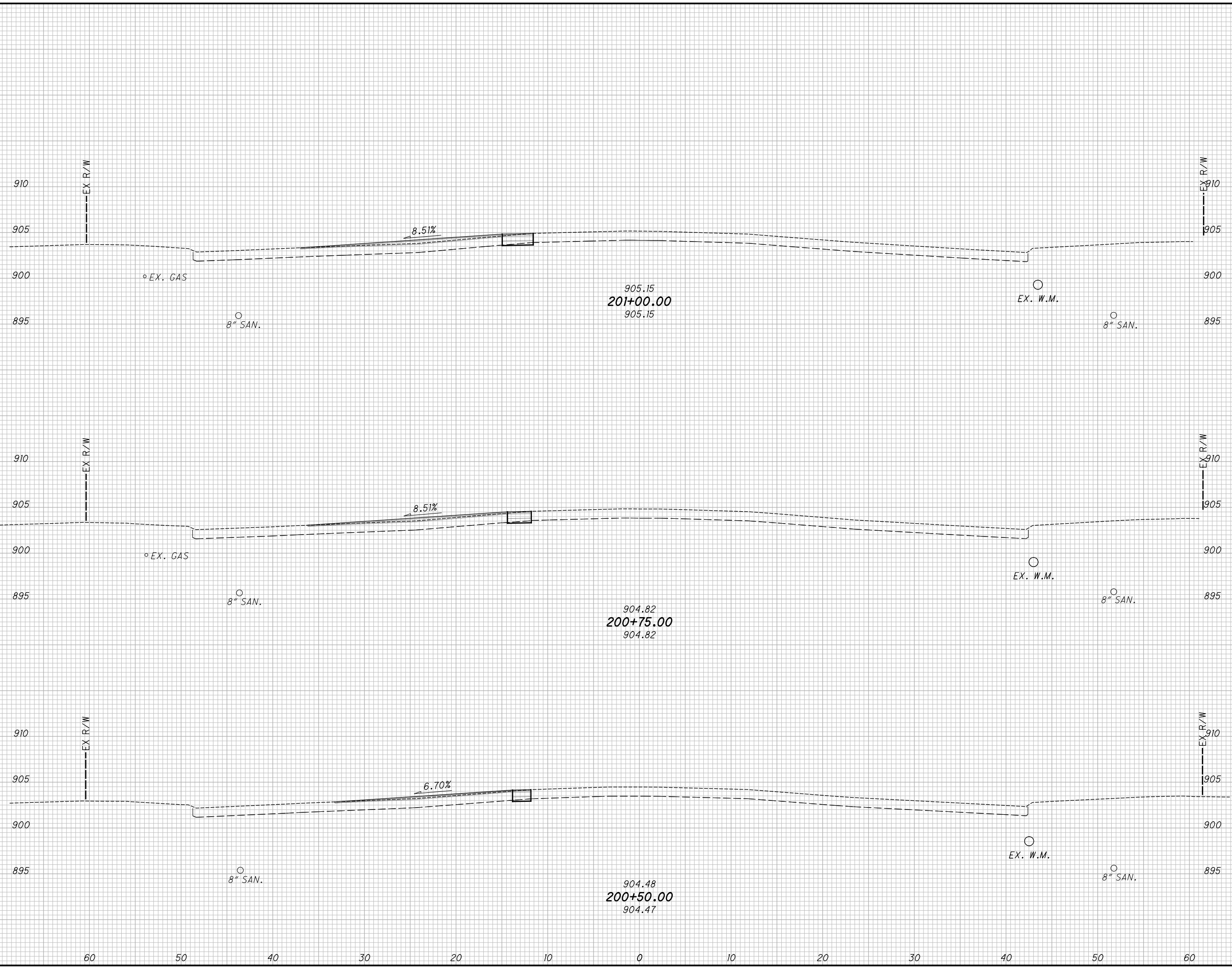
**CROSS SECTIONS STATE ROUTE 4
STA. 199+75.00 TO STA. 200+25.00**

MOT-04-11.05

11
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:30:58 AM jadh

SEEDING	
END WIDTH	SO. YDS.
0	0



END AREA		VOLUME		CALCULATED		CHECKED	
CUT	FILL	CUT	FILL	JA	JA	JA	JA
4	0	3	0				
3	0	2	0				
2	0	2	0				
		7	0				

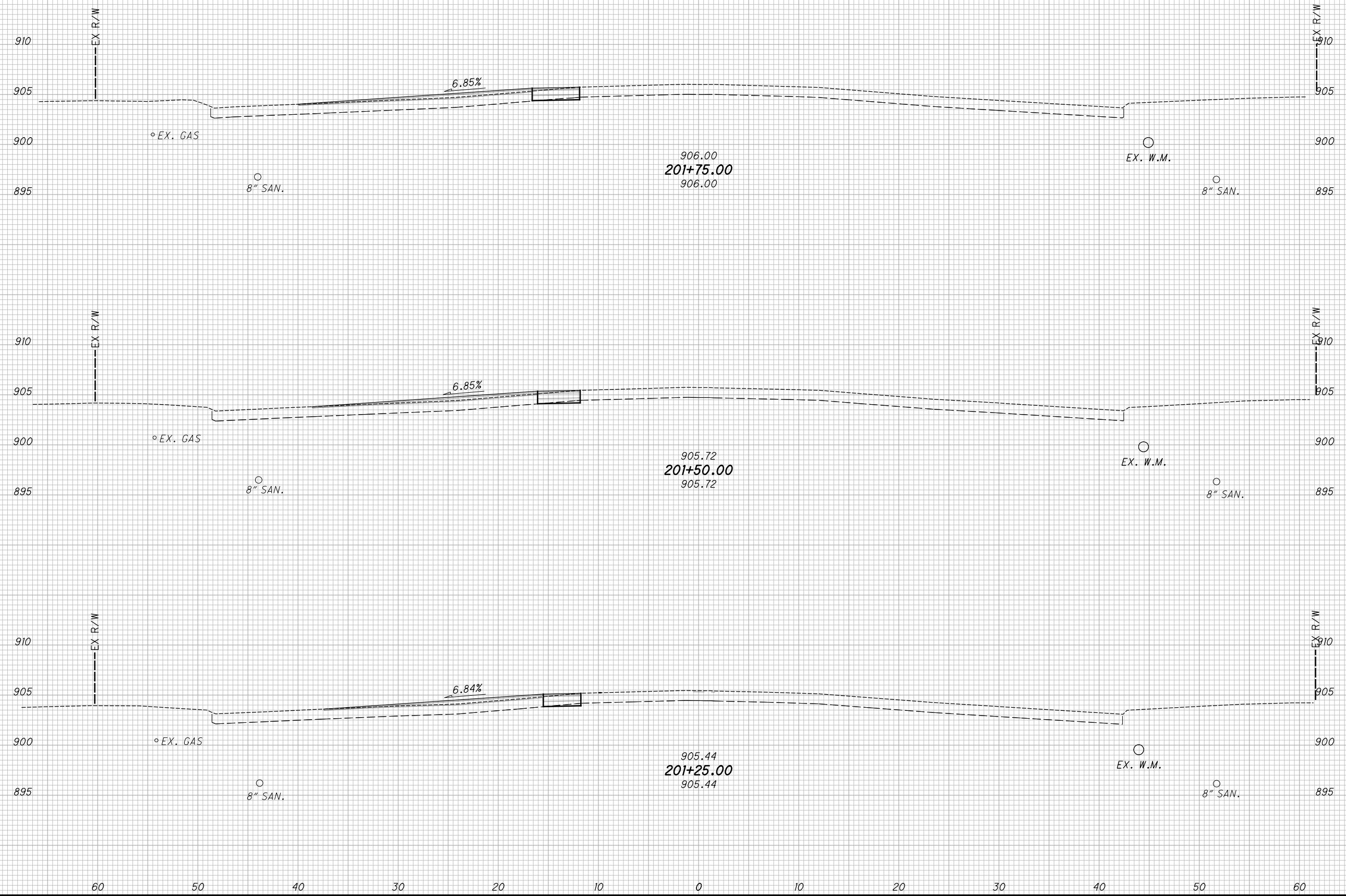
**CROSS SECTIONS STATE ROUTE 4
STA. 200+50.00 TO STA. 201+00.00**

MOT-04-11.05

12
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:00 AM jadh

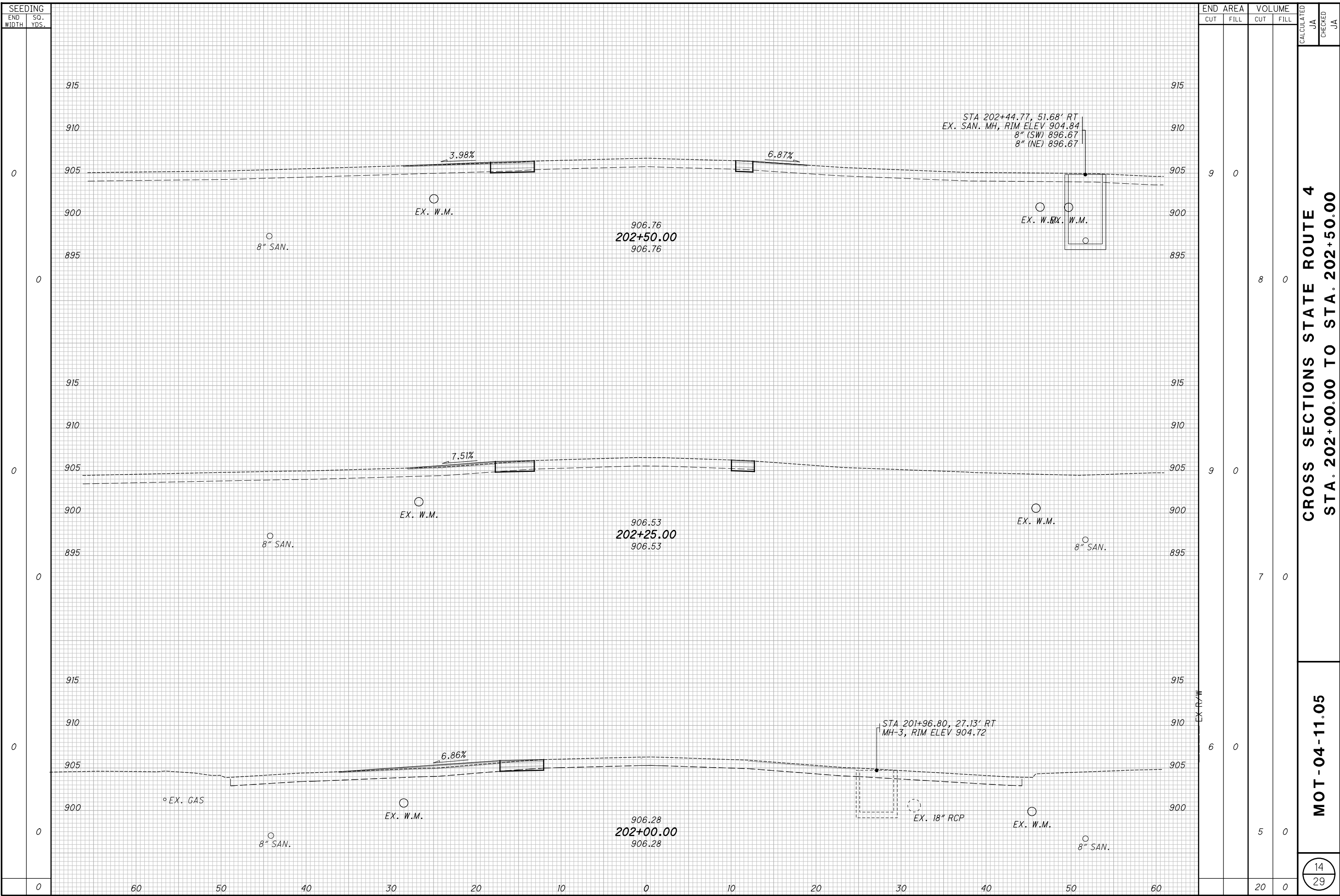
SEEDING	
END WIDTH	SO. YDS.
60	0
50	0
40	0
30	0
20	0
10	0
0	0
10	0
20	0
30	0
40	0
50	0
60	0



END AREA	VOLUME	
	CUT	FILL
5	0	0
5	0	0
4	0	0
4	0	0
13	0	0

CROSS SECTIONS STATE ROUTE 4
STA. 201+25.00 TO STA. 201+75.00
MOT-04-11.05
 CALCULATED JA
 CHECKED JA

C:\Project\data\24006_SRF4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:02 AM Jodha

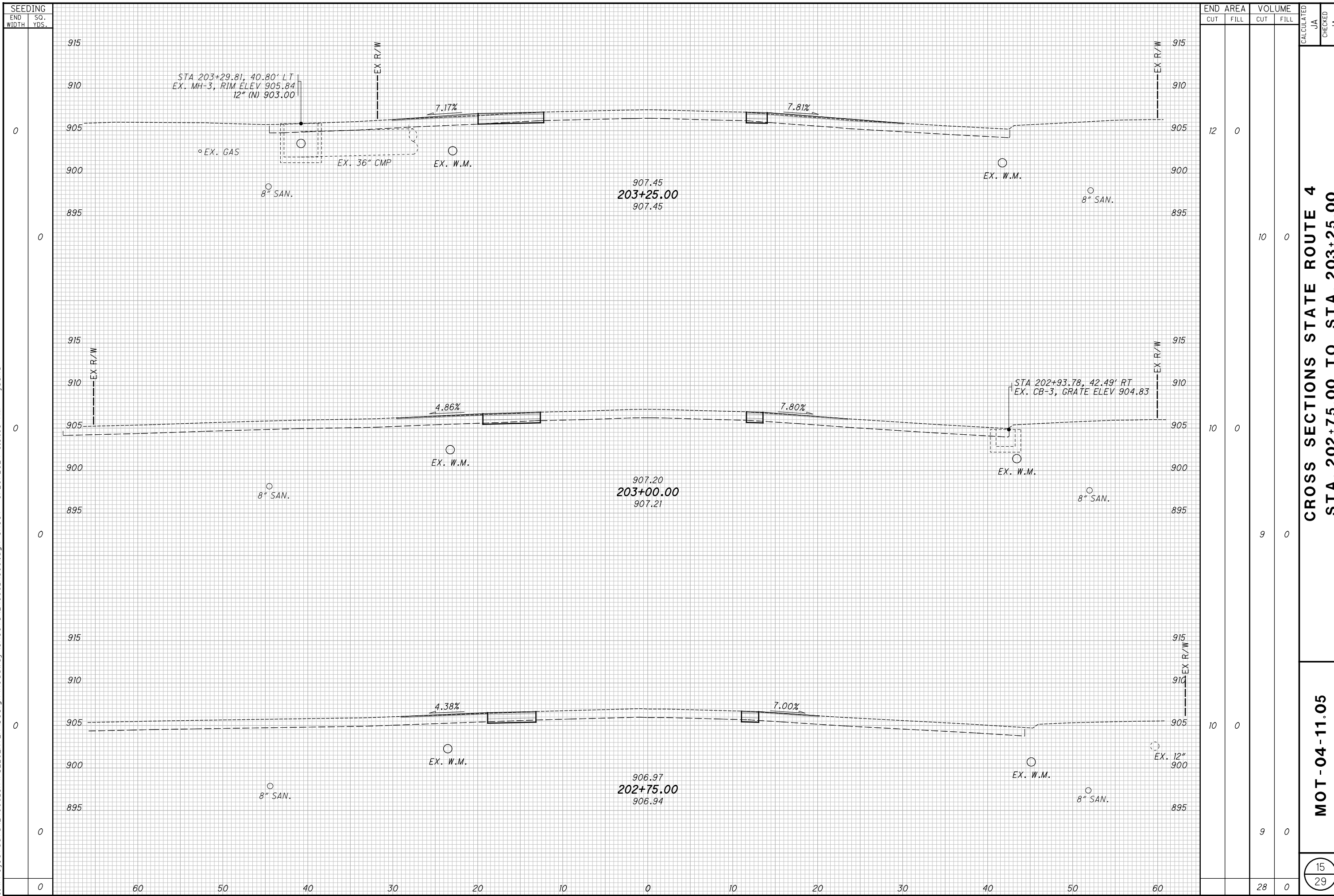


END AREA	VOLUME	CALCULATED		CHECKED	
		CUT	FILL	JA	JA
9	0				
9	0				
9	0				
6	0				
5	0				
20	0				

CROSS SECTIONS STATE ROUTE 4
STA. 202+00.00 TO STA. 202+50.00

MOT-04-11.05

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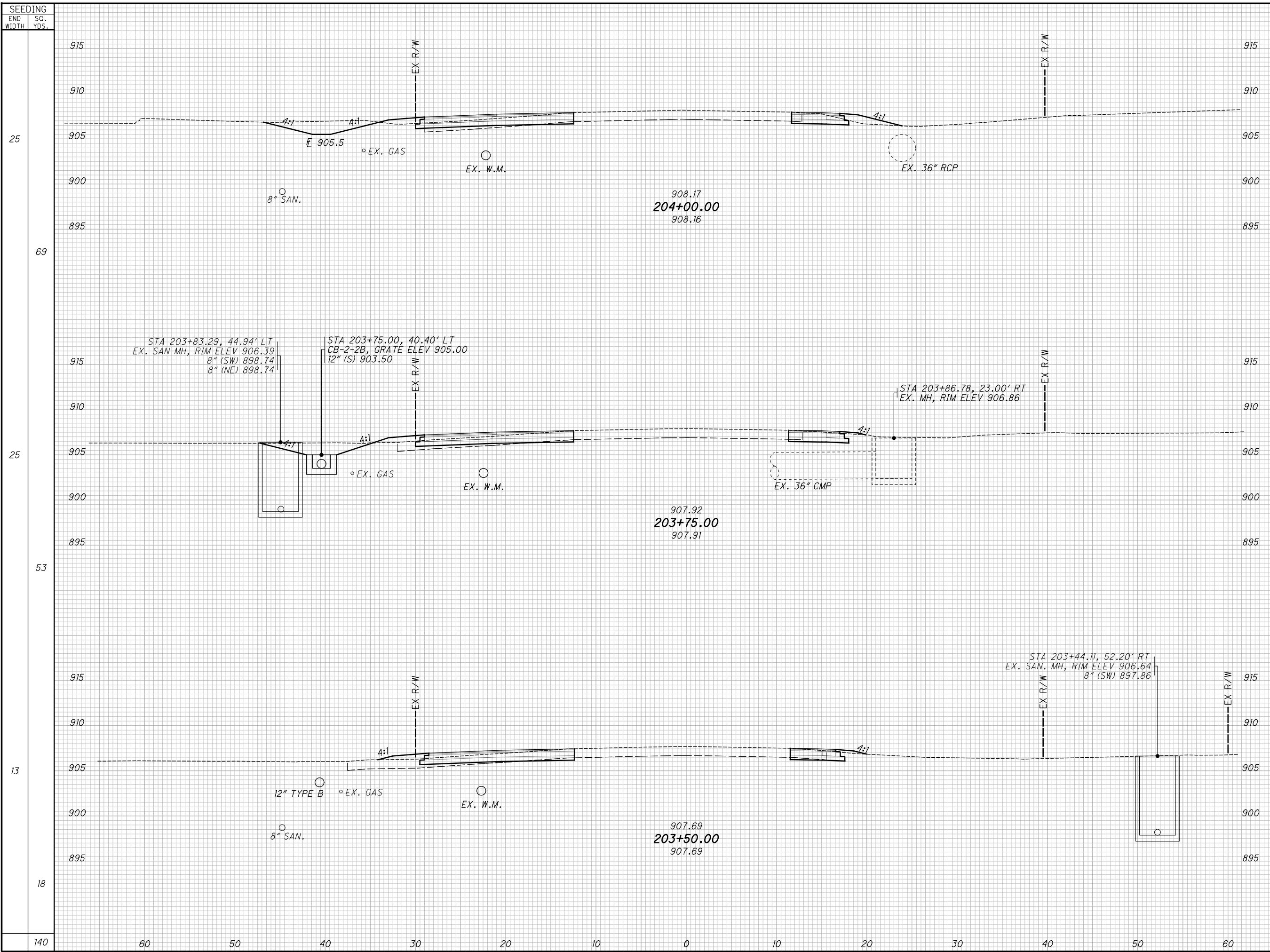
END STA.	END AREA		VOLUME		CALCULATED JA	CHECKED JA
	CUT	FILL	CUT	FILL		
203+25.00	12	0	10	0		
203+00.00	10	0	9	0		
202+75.00	10	0	9	0		
TOTAL			28	0		

CROSS SECTIONS STATE ROUTE 4
STA. 202+75.00 TO STA. 203+25.00

MOT-04-11.05

15
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:07 AM Jadhv



SEEDING	END AREA		VOLUME		CALCULATED JA	CHECKED JA
	CUT	FILL	CUT	FILL		
25	26	6				
69			25	4		
25	27	3				
53			20	3		
13	16	3				
18			13	1		
140			58	8		

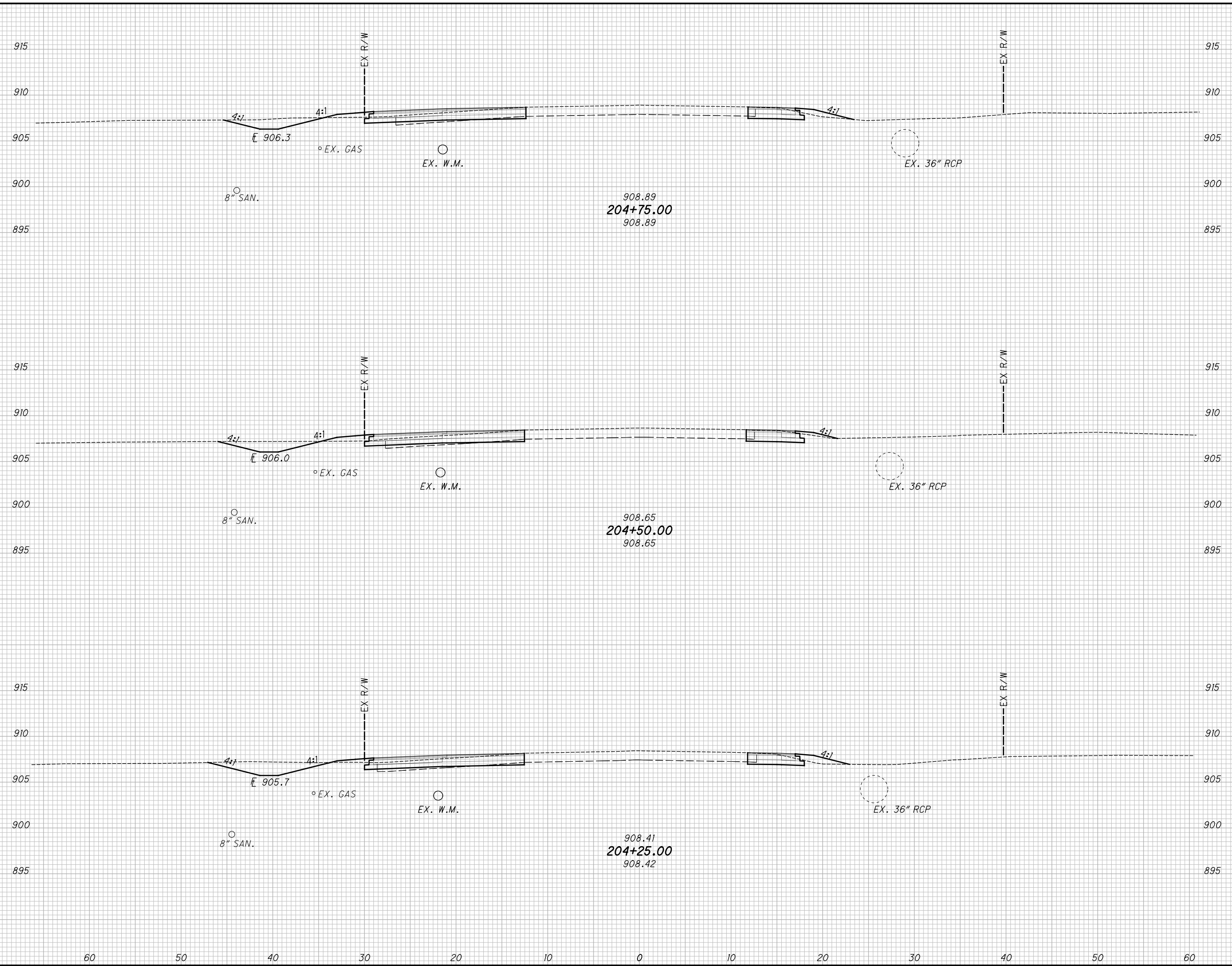
CROSS SECTIONS STATE ROUTE 4
STA. 203+75.00 TO STA. 204+00.00

MOT-04-11.05

16
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:09 AM Jadh

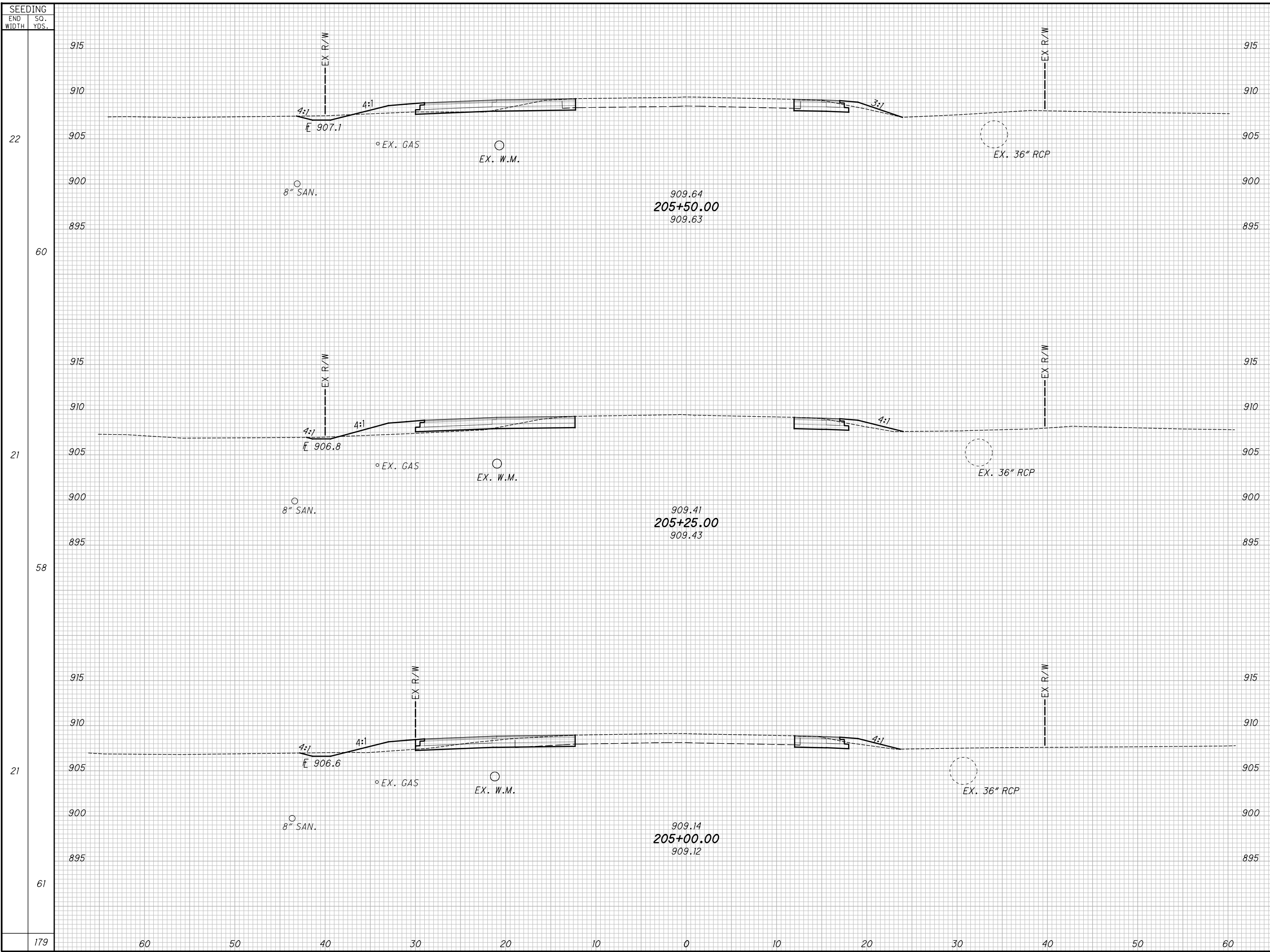
SEEDING	
END WIDTH	SO. YDS.
23	62
22	65
25	69
196	



END STA	END AREA		VOLUME	
	CUT	FILL	CUT	FILL
23		5		
22		4	22	4
24		4		
25		4	24	4
28		4		
25		5	71	13

CROSS SECTIONS STATE ROUTE 4
STA. 204+25.00 TO STA. 204+75.00
MOT-04-11.05
 CALCULATED JA
 CHECKED JA

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn_Sheet 8/20/2024 9:31:11 AM Jadhva



SEEDING	END AREA		VOLUME		CALCULATED JA	CHECKED JA
	CUT	FILL	CUT	FILL		
22	15	11				
60			13	12		
21	13	16				
58			13	12		
21	16	10				
61			18	7		
179			44	31		

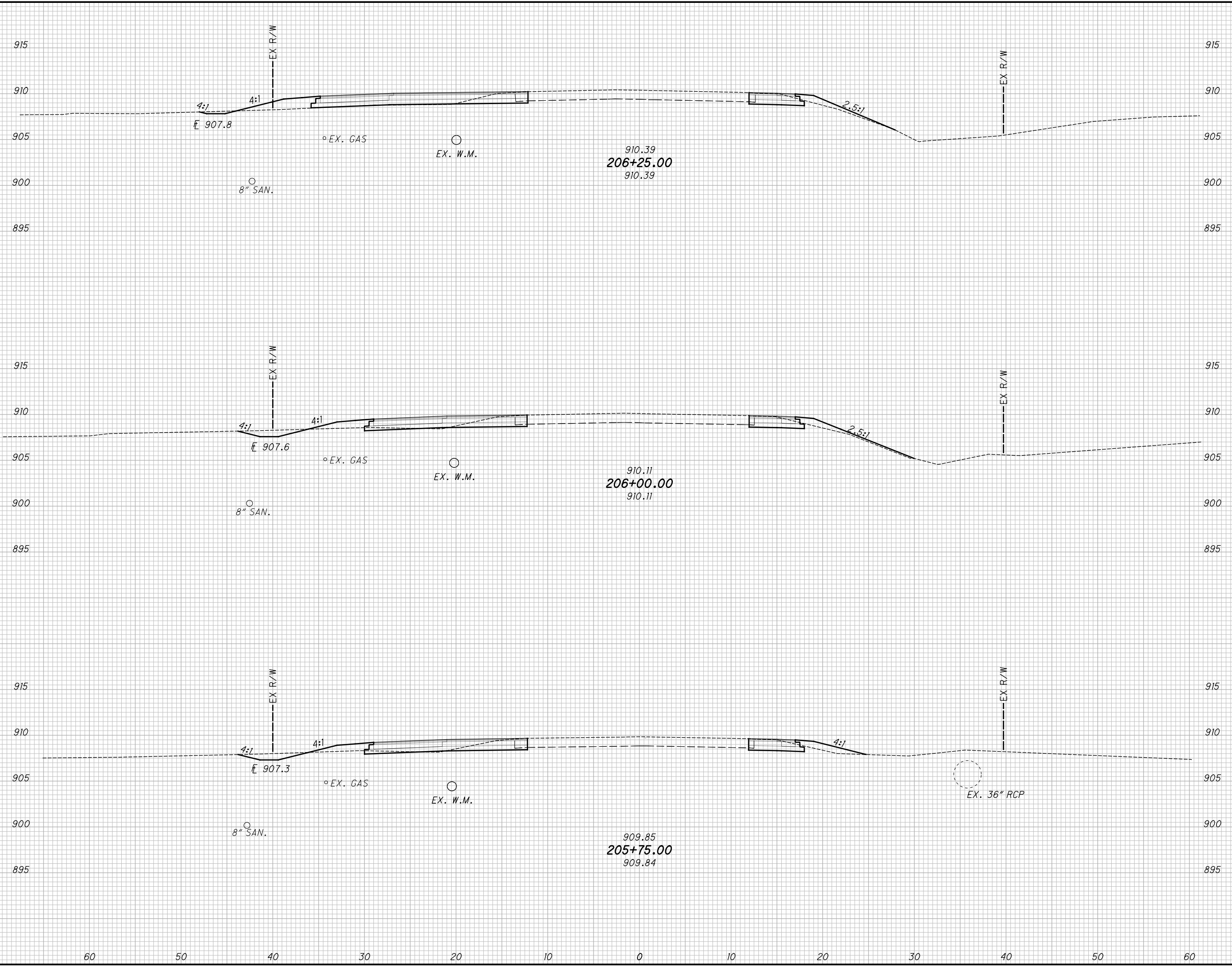
**CROSS SECTIONS STATE ROUTE 4
STA. 205+00.00 TO STA. 205+50.00**

MOT-04-11.05

18
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:13 AM jadh

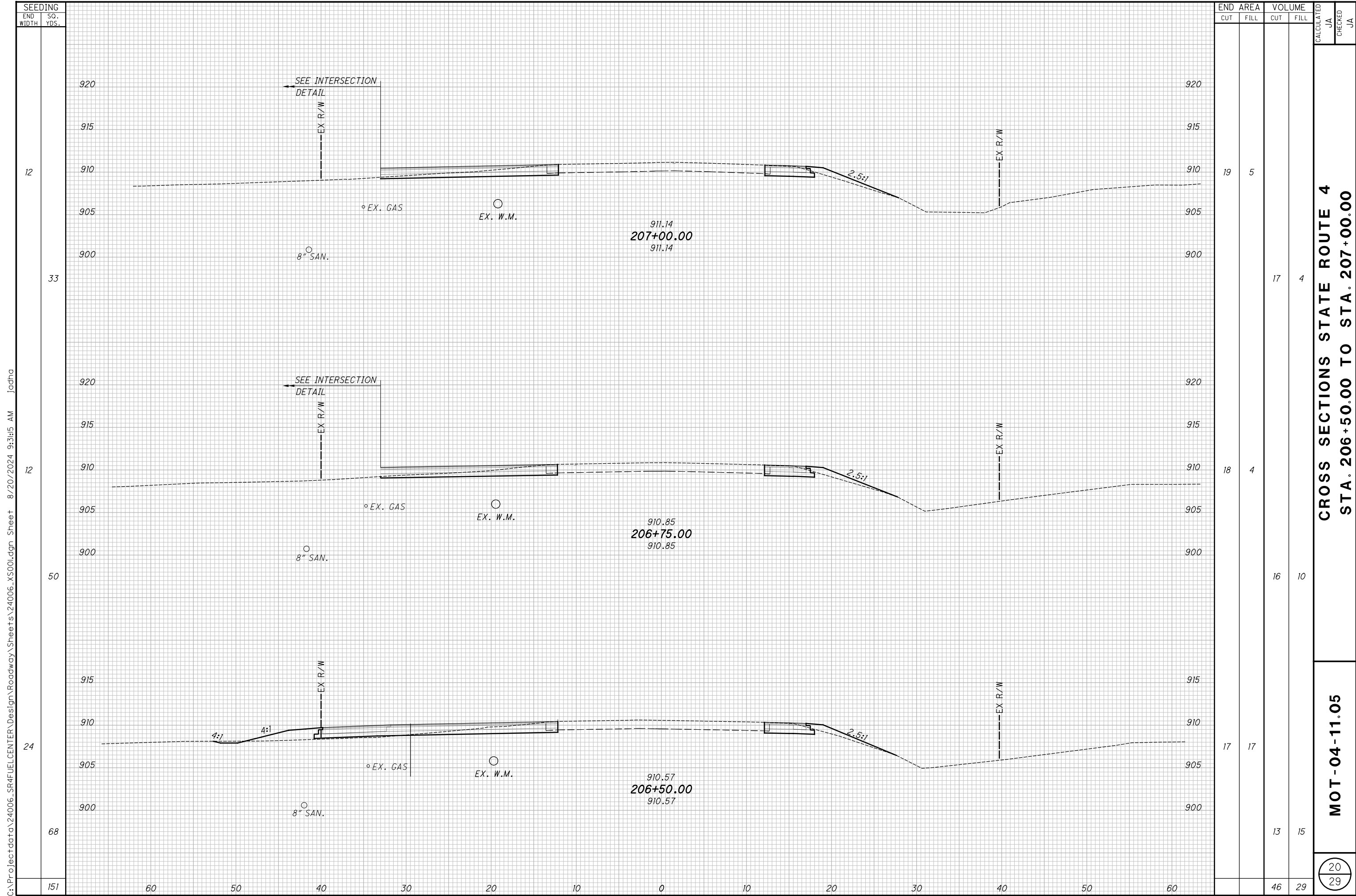
SEEDING	
END WIDTH	SO. YDS.
25	
75	
29	
72	
23	
62	
209	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
12	16	12	13
15	12	14	11
15	11	14	10
		30	34

CROSS SECTIONS STATE ROUTE 4
STA. 205+75.00 TO STA. 206+25.00
MOT-04-11.05
 CALCULATED JA
 CHECKED JA

19
29



C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:15 AM jadh

SEEDING		END AREA		VOLUME		CALCULATED	
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL	J.A.	CHECKED
12		19	5				
33				17	4		
12		18	4				
50				16	10		
24		17	17				
68				13	15		
151				46	29		

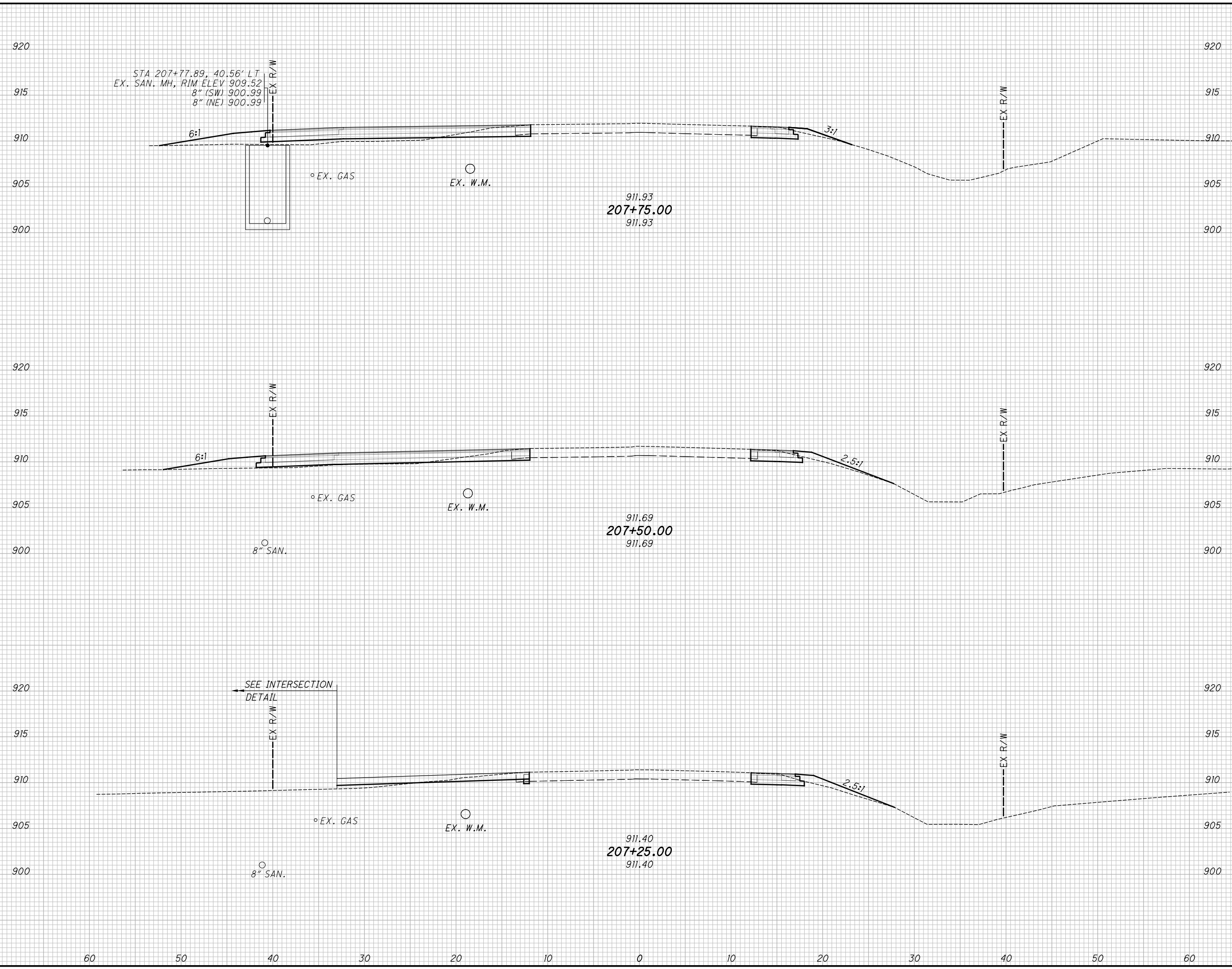
CROSS SECTIONS STATE ROUTE 4
STA. 206+50.00 TO STA. 207+00.00

MOT-04-11.05

20
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5000.dgn Sheet 8/20/2024 9:31:18 AM jadh

SEEDING	
END WIDTH	SO. YDS.
15	15
53	53
23	23
49	49
12	12
33	33
135	135

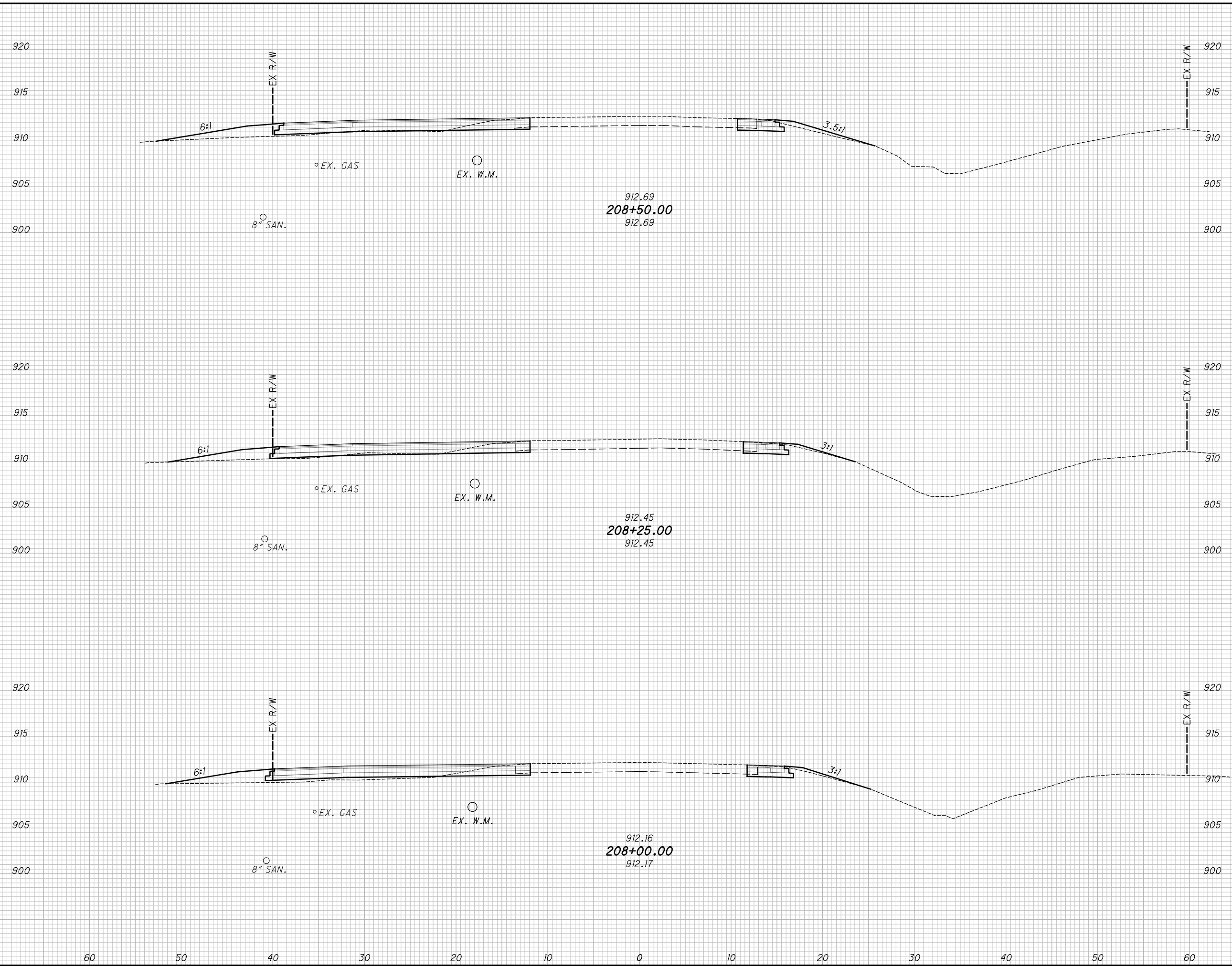


END AREA		VOLUME	
CUT	FILL	CUT	FILL
12	22	11	18
12	17	10	11
10	7	13	6
		34	35

CROSS SECTIONS STATE ROUTE 4
STA. 207+25.00 TO STA. 207+75.00
MOT-04-11.05
 CALCULATED JA
 CHECKED JA
 21
 29

C:\Project\data\24006_SR4FUELCENTER\Roadway\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:20 AM jodha

SEEDING	
END WIDTH	SO. YDS.
25	64
21	60
22	51
175	

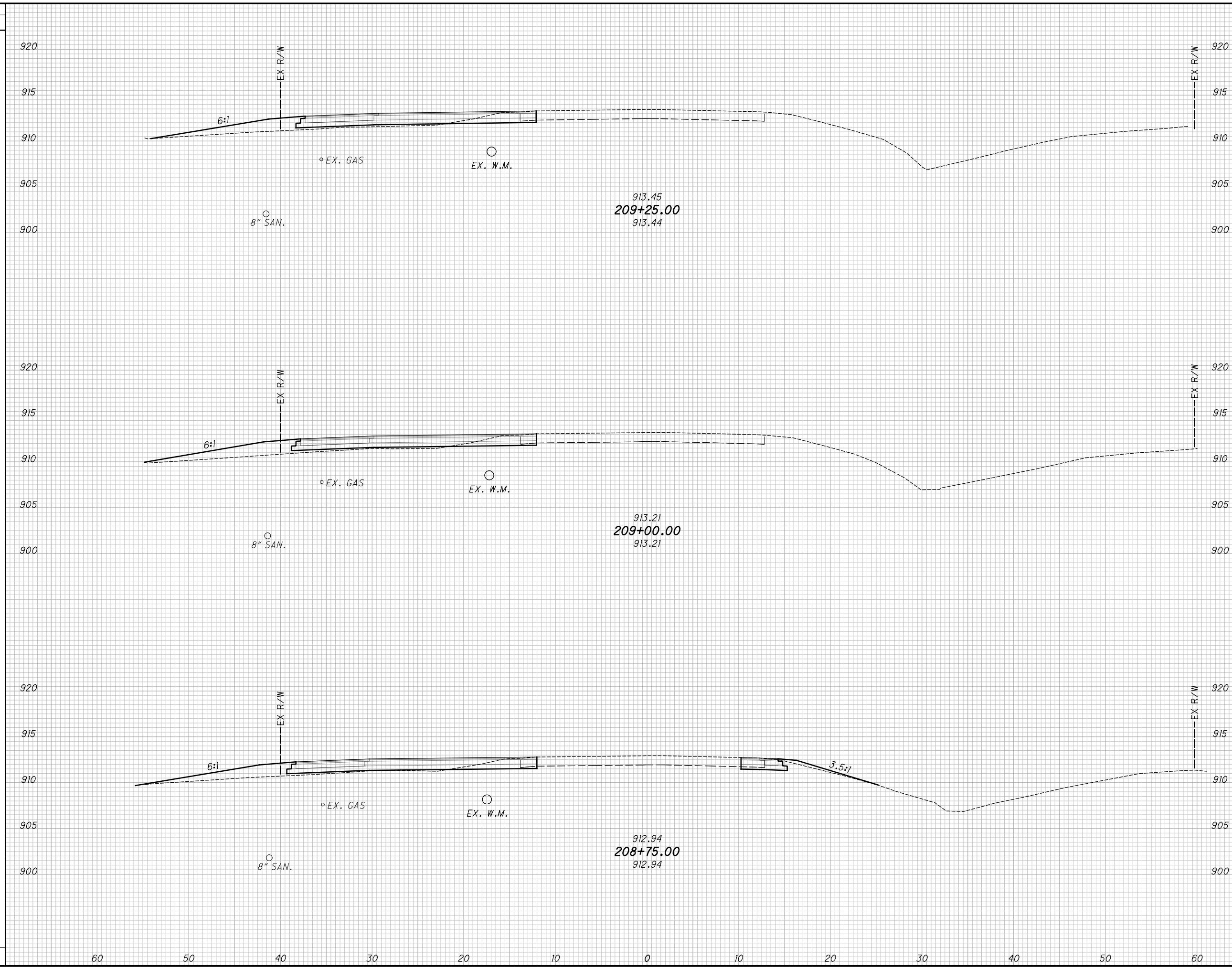


END AREA		VOLUME	
CUT	FILL	CUT	FILL
11	19	11	16
12	15	11	16
12	20	11	19
		33	51

CROSS SECTIONS STATE ROUTE 4
STA. 208+00.00 TO STA. 208+50.00
MOT-04-11.05

22
29

SEEDING
END SO.
WIDTH YDS.
17
47
17
64
29
75
186

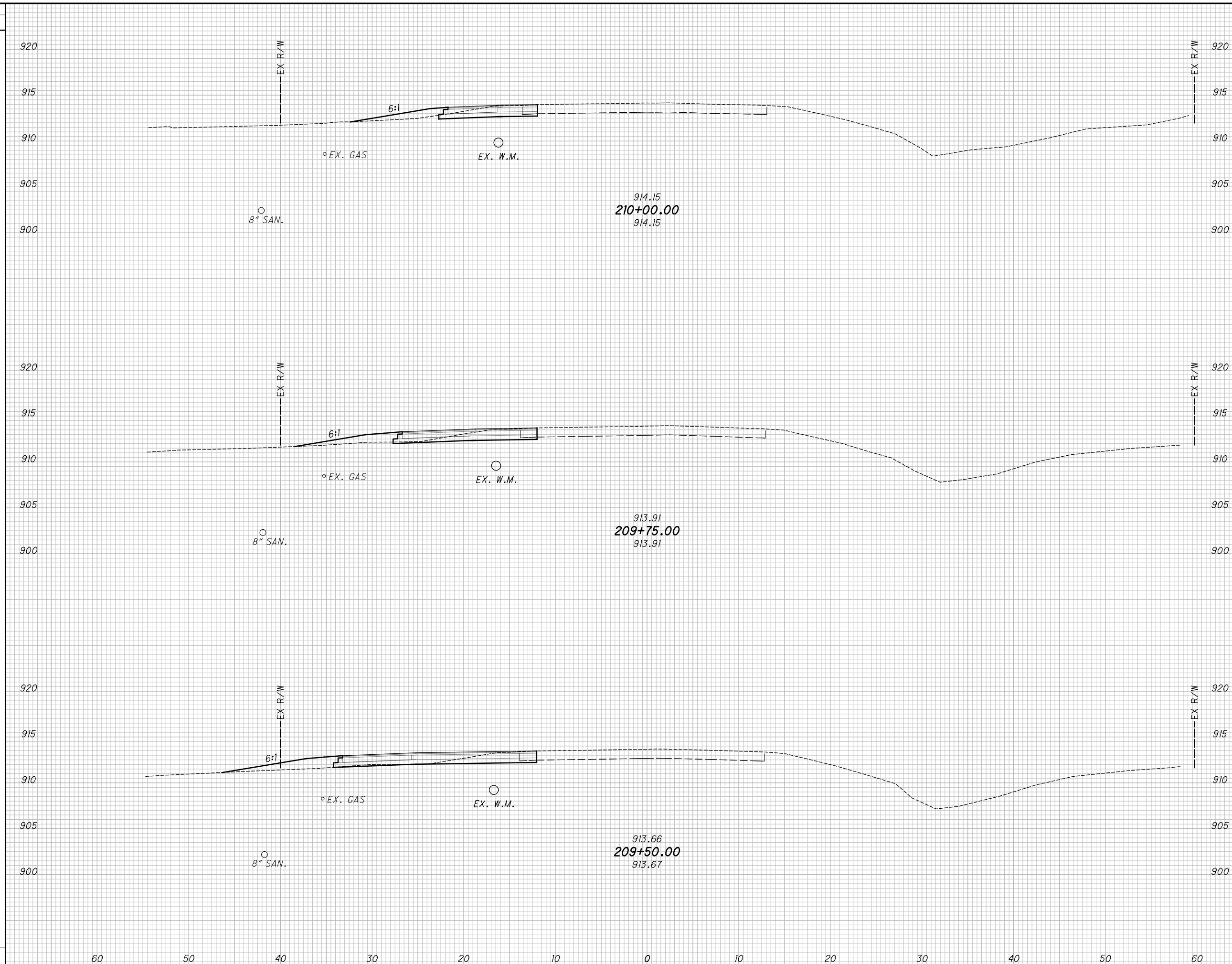


END AREA		VOLUME		CALCULATED	
CUT	FILL	CUT	FILL	JA	JA
8	20	7	20		
7	23	9	20		
12	21	11	19		
		27	59		

CROSS SECTIONS STATE ROUTE 4
STA. 208+75.00 TO STA. 209+25.00
MOT-04-11.05
 23
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:22 AM Jadh

SEEDING
 END SO.
 WIDTH YDS.
 11
 32
 12
 35
 13
 42
 109



END AREA		VOLUME	
CUT	FILL	CUT	FILL
7	6	7	7
9	9	10	8
13	9	10	13
		27	28

CALCULATED JA
 CHECKED JA
CROSS SECTIONS STATE ROUTE 4
STA. 209+50.00 TO STA. 210+00.00
MOT-04-11.05
 24
 29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:24 AM Jadh

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:26 AM Jadhv

SEEDING	
END WIDTH	SO. YDS.
8	22
8	22
8	26
70	



END AREA		VOLUME		CALCULATED		CHECKED	
CUT	FILL	CUT	FILL	JA	JA	JA	JA
5	1	5	1				
5	1	5	1				
6	1	6	3				
		16	5				

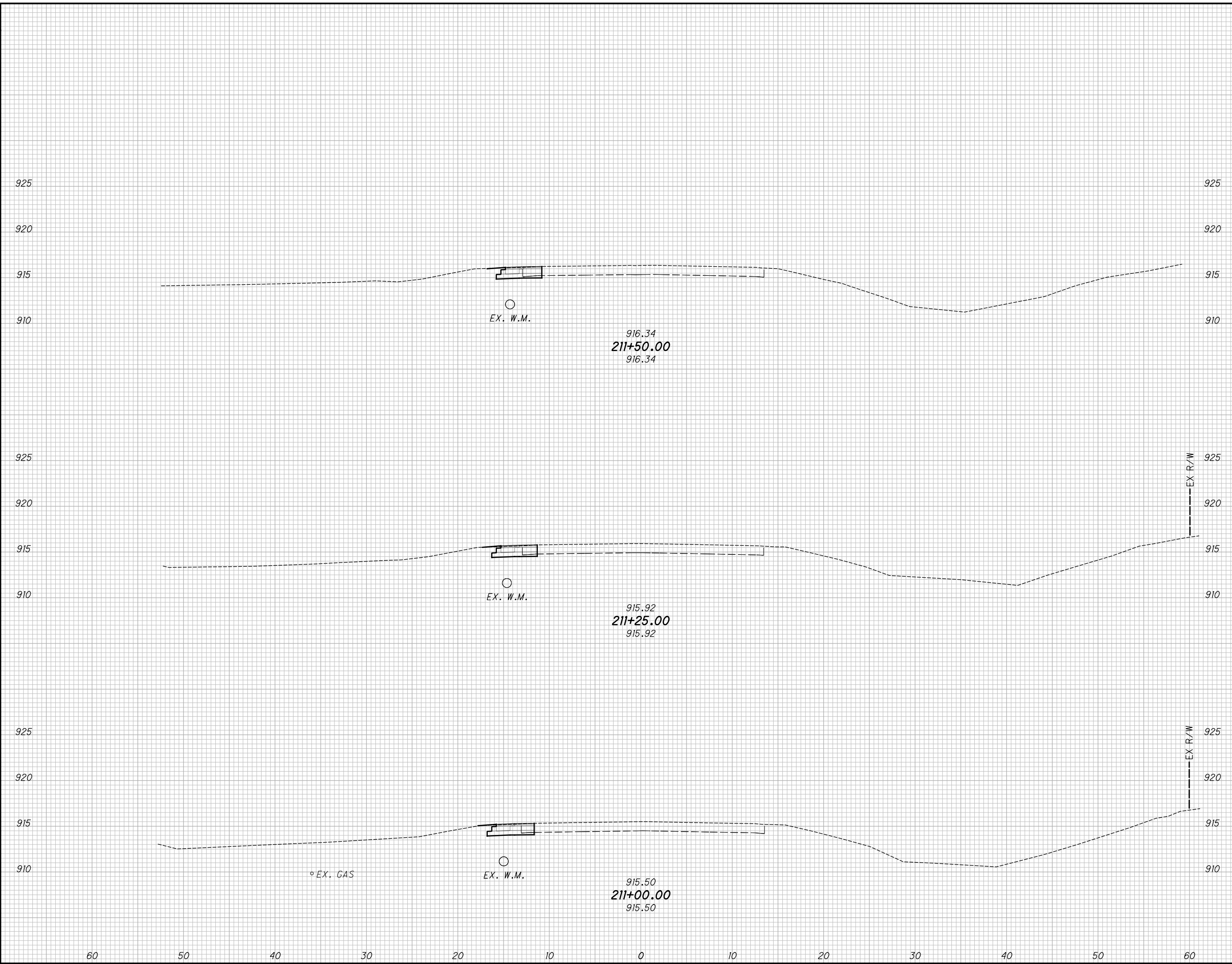
**CROSS SECTIONS STATE ROUTE 4
STA. 210+25.00 TO STA. 210+75.00**

MOT-04-11.05

25
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:28 AM Jadh

SEEDING	
END WIDTH	SO. YDS.
26	14
2	6
2	6
2	6



END AREA		VOLUME	
CUT	FILL	CUT	FILL
4	0	4	0
4	0	4	0
4	0	4	0
12	0		

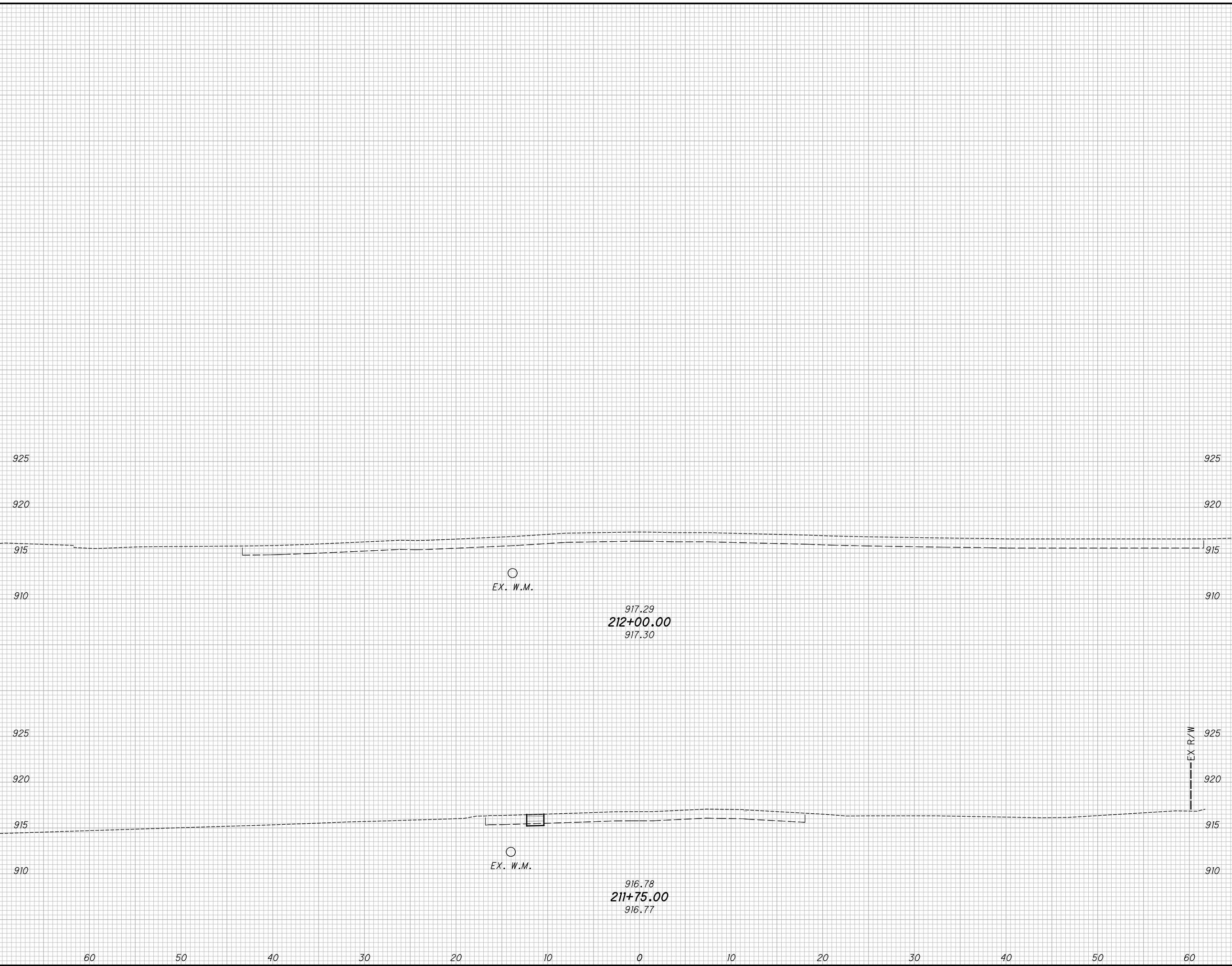
**CROSS SECTIONS STATE ROUTE 4
STA. 211+00.00 TO STA. 211+50.00**

MOT-04-11.05

26
29

C:\Project\data\24006_SR4FUELCENTER\Design\Roadway\Sheets\24006.X5001.dgn Sheet 8/20/2024 9:31:30 AM jodha

SEEDING	
END WIDTH	SO. YDS.
0	
4	
3	
7	
11	



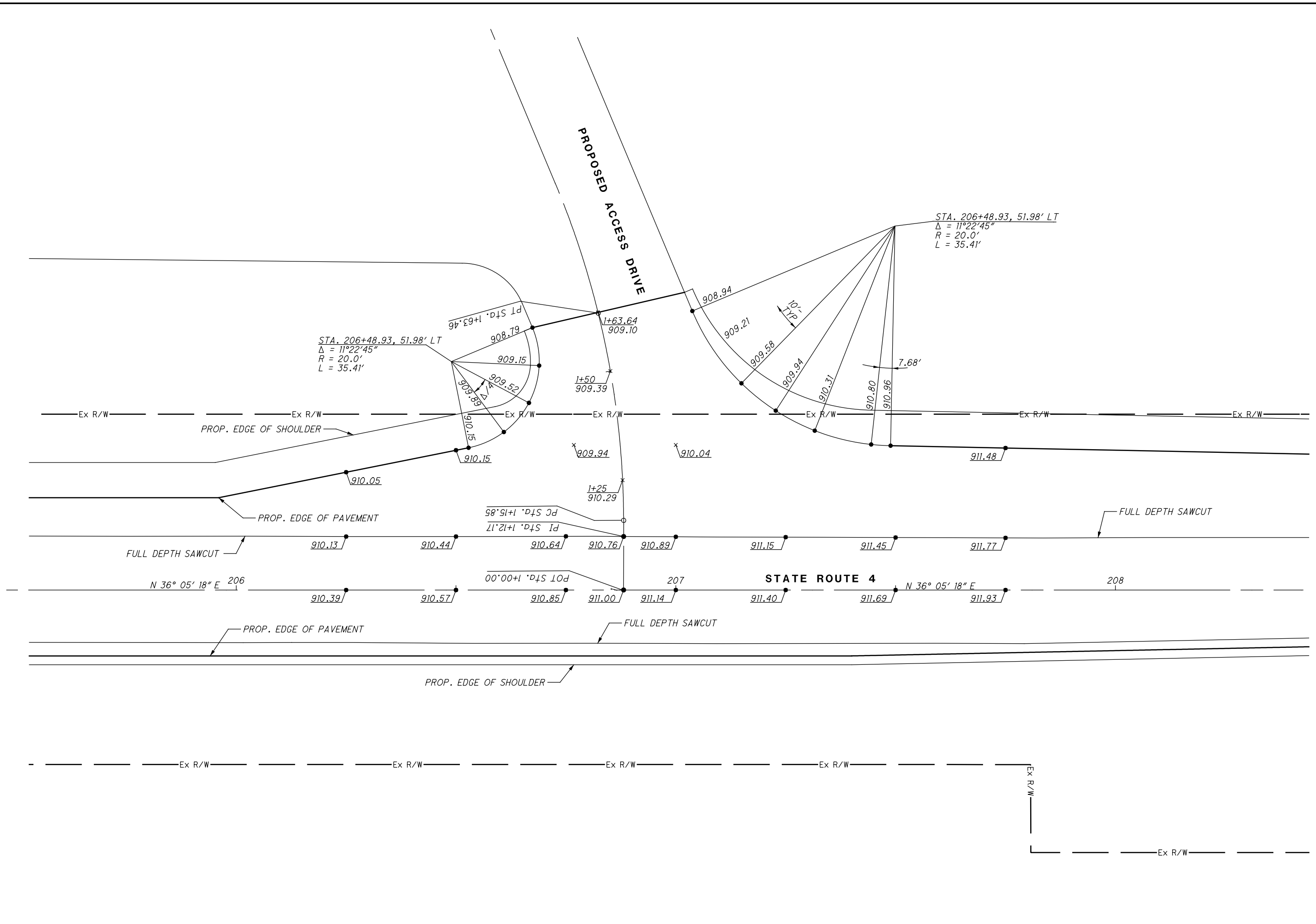
END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0		
		1	0
2	0		
		3	0
		4	0

**CROSS SECTIONS STATE ROUTE 4
STA. 211+75.00 TO STA. 212+00.00**

MOT-04-11.05

(27)
(29)

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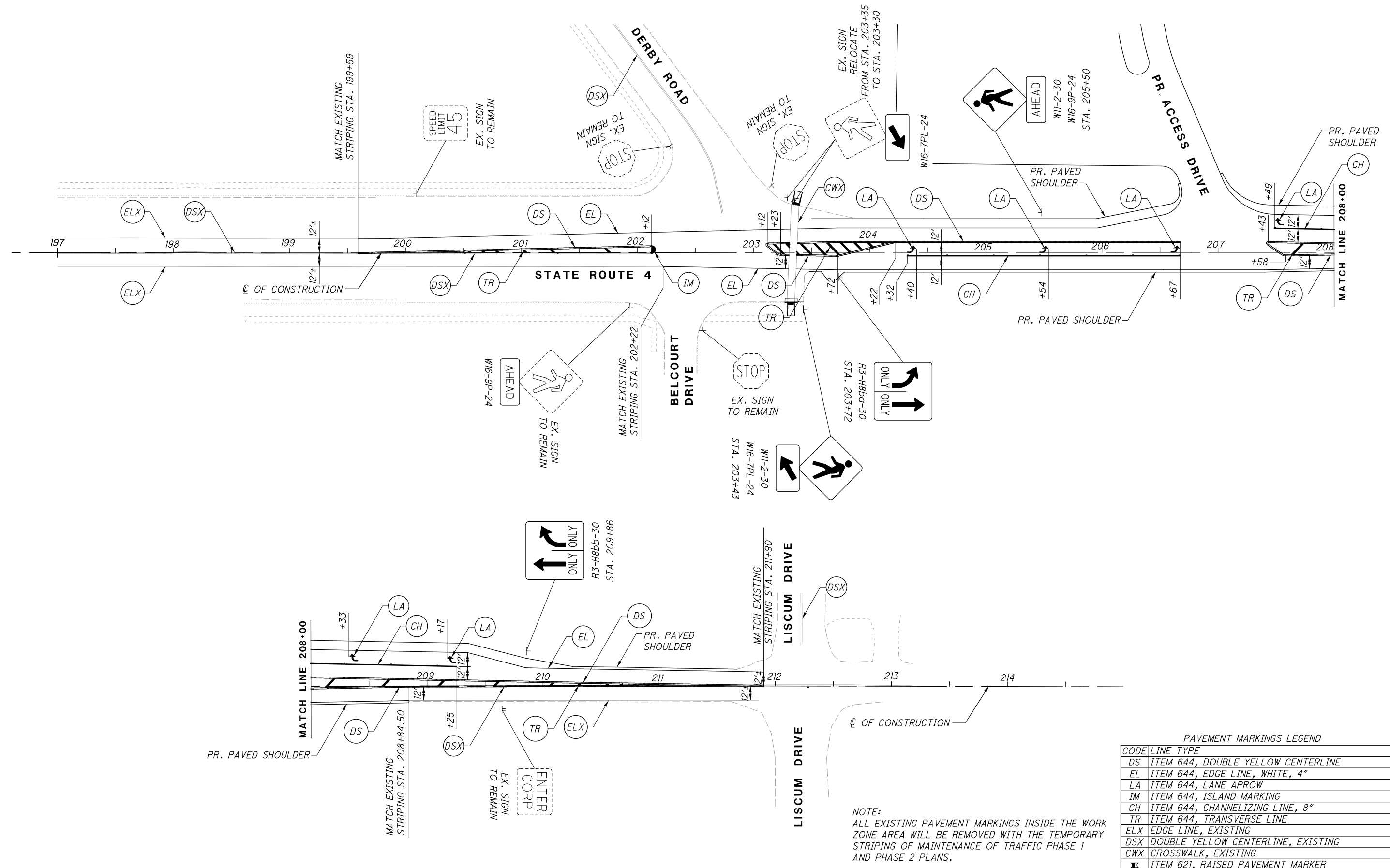


CALCULATED JA
CHECKED JA

0 5 10 20
HORIZONTAL SCALE IN FEET

**INTERSECTION DETAIL
PROPOSED ACCESS DRIVE**

MOT-04-11.05



PAVEMENT MARKINGS LEGEND

CODE	LINE TYPE
DS	ITEM 644, DOUBLE YELLOW CENTERLINE
EL	ITEM 644, EDGE LINE, WHITE, 4"
LA	ITEM 644, LANE ARROW
IM	ITEM 644, ISLAND MARKING
CH	ITEM 644, CHANNELIZING LINE, 8"
TR	ITEM 644, TRANSVERSE LINE
ELX	EDGE LINE, EXISTING
DSX	DOUBLE YELLOW CENTERLINE, EXISTING
CWX	CROSSWALK, EXISTING
■	ITEM 621, RAISED PAVEMENT MARKER

NOTE:
ALL EXISTING PAVEMENT MARKINGS INSIDE THE WORK ZONE AREA WILL BE REMOVED WITH THE TEMPORARY STRIPING OF MAINTENANCE OF TRAFFIC PHASE 1 AND PHASE 2 PLANS.