ROADWAY IMPROVEMENTS LOVE'S TRAVEL STOPS **BEL-149-23.44**

INDEX OF SHEETS

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PROJECT DESCRIPTION

CONSTRUCTION TO WIDEN EAST AND WEST SIDE OF S.R. 149 TO PROVIDE 175' NB LEFT TURN LANE INTO LOVE'S DRIVEWAY, 175' SB RIGHT-TURN LANE INTO LOVE'S DRIVEWAY, 164' TWLTL BETWEEN SOUTH PILOT DRIVEWAY & NORTH PILOT DRIVEWAY, 125' NB LEFT TURN LANE INTO RECO DRIVE, 200' SB RIGH INTO RECO DRIVE AND ASSOCIATED LANE RECONFIGURATION TO ACCOMMODATE IMPROVEMENTS. CONSTRUCTION TO WIDEN RECO DRIVE AND INSTALLATION OF TRAFFIC SIGNAL AT S.R. 149 & RECO DRIVE INTERSECTION. DITCH AND SLOPE GRADING AND INSTALLATION OF NECESSARY TRAFFIC CONTROL DEVICES. STORMWATER STRUCTURE AND CONDUIT MODIFICATIONS BETWEEN SOUTH MARATHON DRIVEWAY AND NORTH MARATHON DRIVEWAY

SIGNED:

EARTH DISTURBED AREAS AND TOTAL AREA OF PROJECT TOTAL AREA OF PROJECT: 1.95 ACRES. PROJECT EARTH DISTURBING ACTIVITIES AREA: 1.65 ACRES CONTRACTOR EARTH DISTURBING ACTIVITIES AREA: 0.30 ACRES NOI EARTH DISTURBING ACTIVITIES AREA: 1.95 ACRES

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 AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED ____

DATE _ DISTRICT DEPUTY DIRECTOR

APPROVED _

DATE ___ DIRECTOR, DEPARTMENT OF TRANSPORTATION

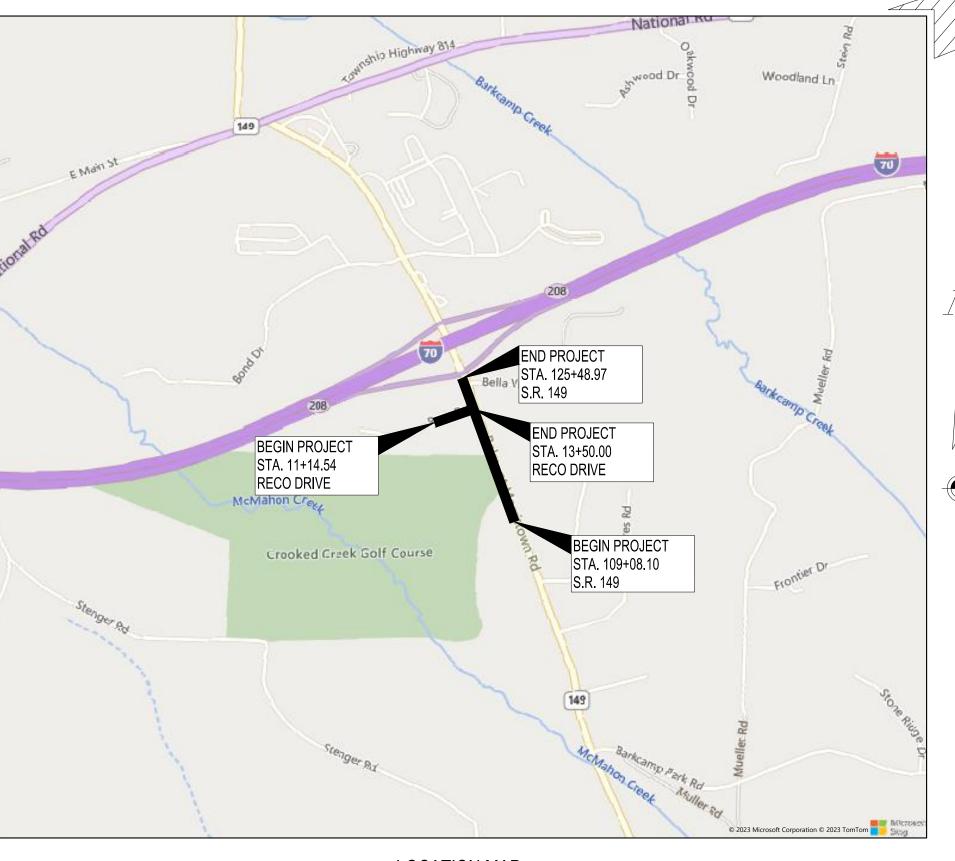
RAILROAD INVOLVEMENT NONE

FEDERAL PROJECT NUMBER NON-FEDERAL

PLAN PREPARED BY: CESO WWW.CESOINC.COM 3601 RIGBY ROAD, SUITE 300 MIAMISBURG, OHIO 45342 PH (937) 435-8584 | FAX (937) 435-3307

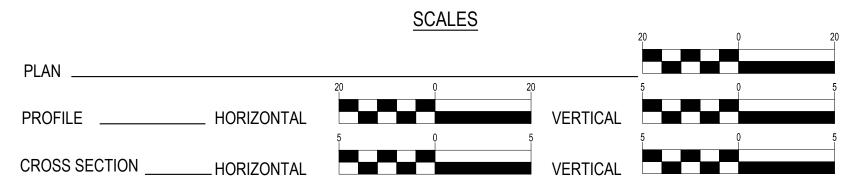
	-	
ENGINEER'S STAMP		
	ODOT HW-2.2	7/20/2018
	ODOT CB-3A	7/16/2021
	ODOT BP-3.1	1/21/2022
	ODOT BP-4.1	7/19/2013
	ODOT BP-5.1	7/15/2022
	1	

UNION TOWNSHIP BELMONT COUNTY, OH



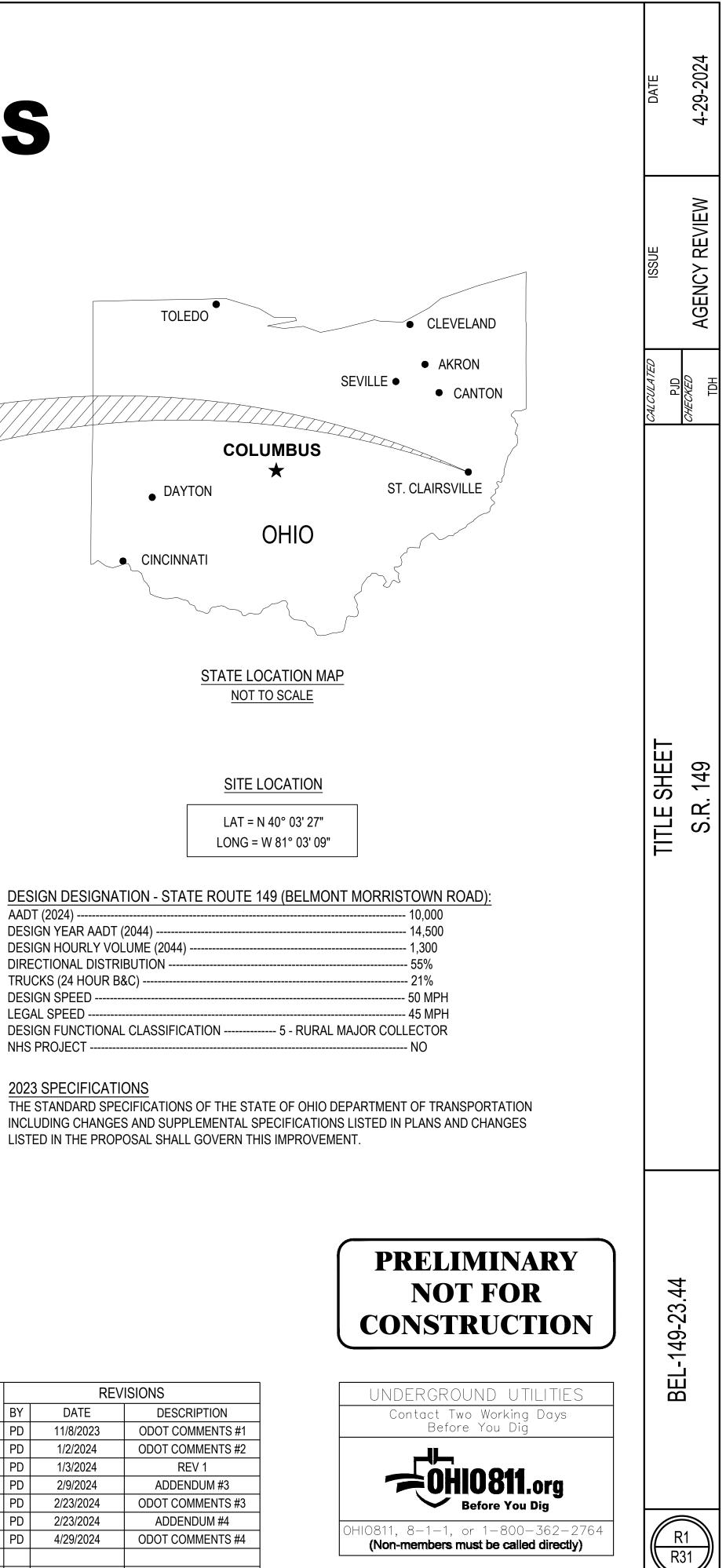
LOCATION MAP NOT TO SCALE

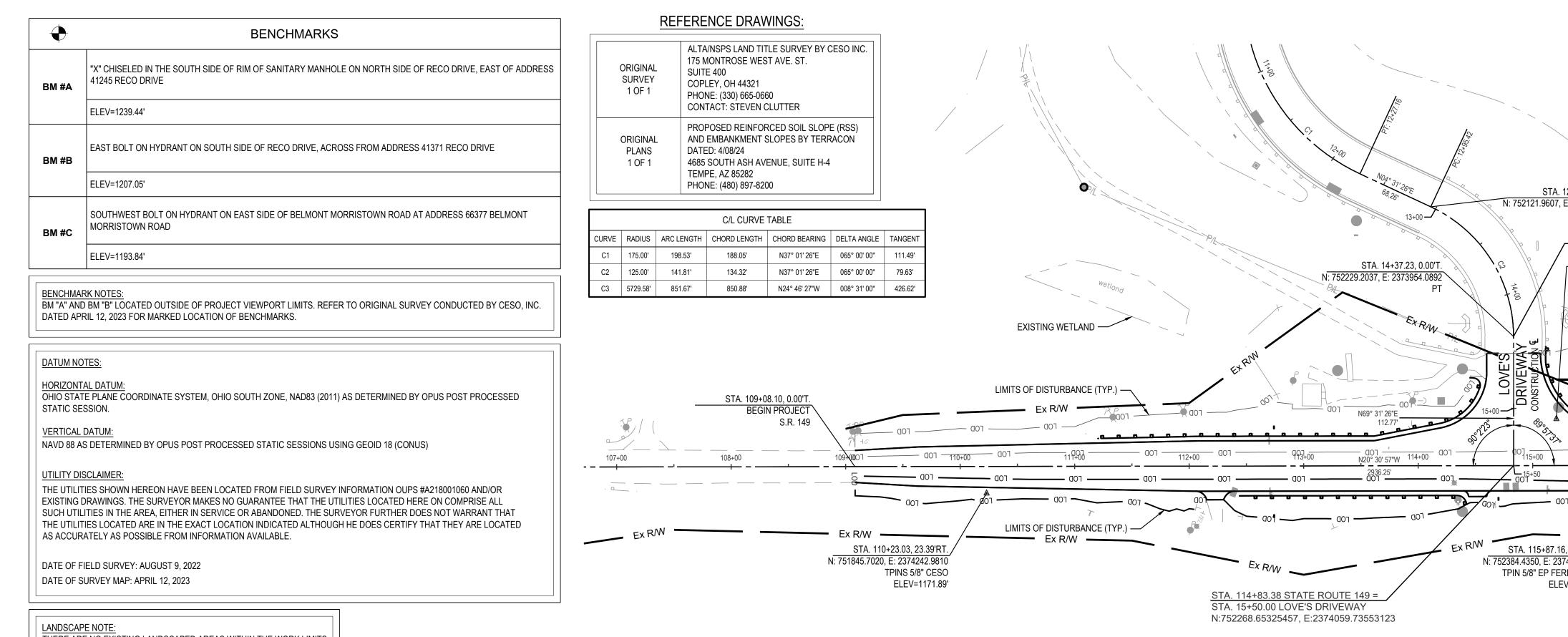
PROJECT LOCATED ALONG S.R. 149 - BELMONT MORRISTOWN ROAD, 1.29 MILES SOUTHEAST OF MORRISTOWN, OHIO AND SOUTH OF THE THE S.R. 149 AND I-70 INTERCHANGE. APPROXIMATELY 8.00 MILES WEST OF CLAIRSVILLE, OHIO

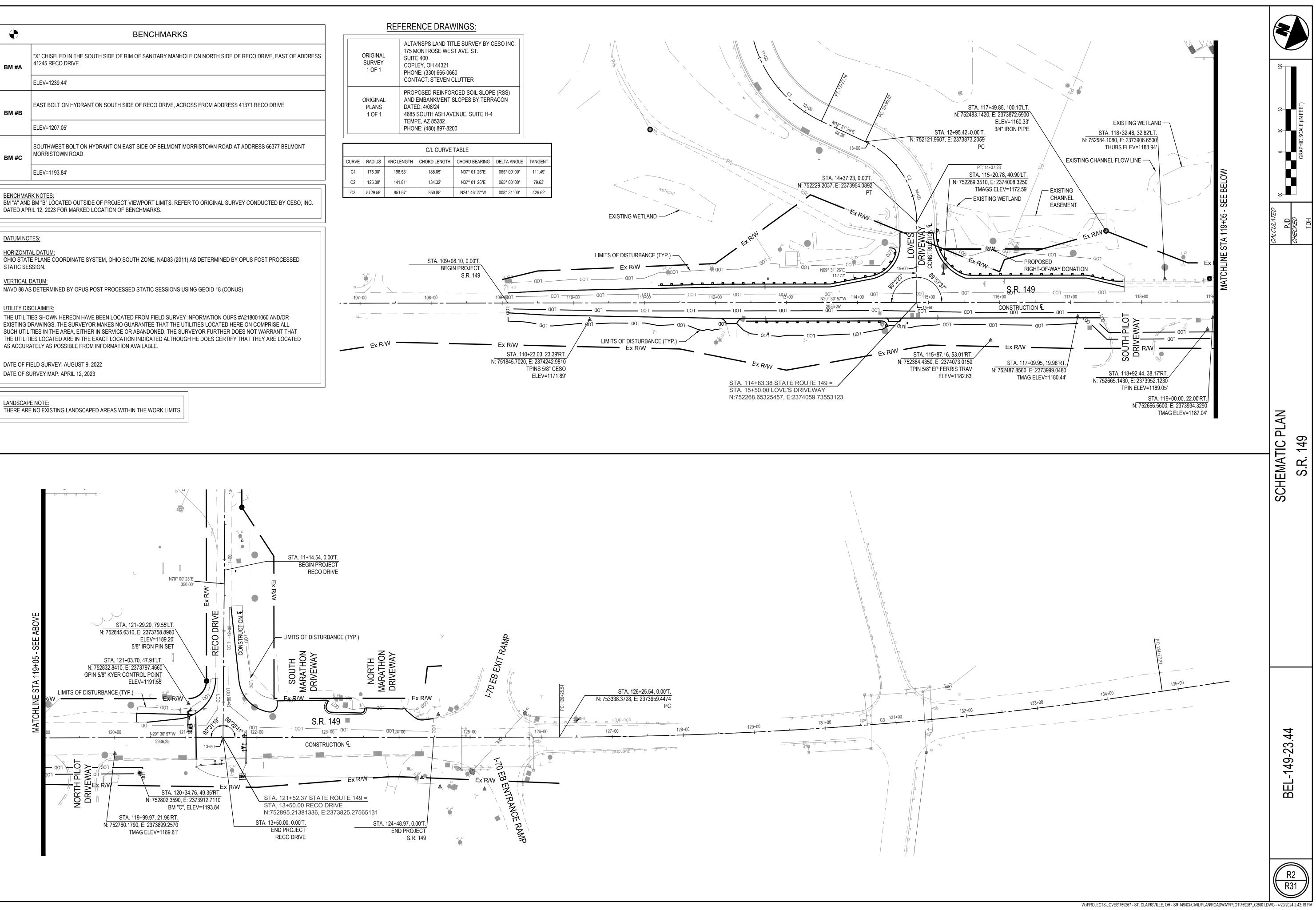


		STA	SUPPLEMENTAL									
)18	ODOT DM-1.1	7/17/2020	ODOT MT-95.31	7/19/2019	ODOT TC-41.41	7/19/2019	ODOT TC-81.22	7/21/2023	SPECIFICATIONS		BY	DATE
	ODOT DM-1.2	7/16/2021	ODOT MT-97.11	1/20/2017	ODOT TC-42.20	10/18/2013	ODOT TC-83.10	1/17/2020	SS 800	1/19/2024	PD	11/8/202
021	ODOT DM-4.3	1/15/2016	ODOT MT-99.20	7/19/2019	ODOT TC-52.10	10/18/2013	ODOT TC-83.20	1/19/2024	SS 832	7/21/2023	PD	1/2/2024
	ODOT DM-4.4	1/15/2016	ODOT MT-101.90	7/17/2020	ODOT TC-52.20	1/15/2021	ODOT TC-85.20	4/1/2023	SS 863	7/21/2023	PD	1/3/2024
)22			ODOT MT-120.00	1/19/2024	ODOT TC-61.30	7/19/2019			SS 809	1/19/2024	PD	2/9/2024
)13	ODOT MGS-1.1	7/16/2021									PD	2/23/202
)22	ODOT MGS-2.1	1/19/2018	ODOT TC-21.21	1/20/2023	ODOT TC-65.10	1/17/2014			SS 825	4/21/2023	PD	2/23/202
	ODOT MGS-4.2	7/19/2013	ODOT TC-41.20	10/18/2013	ODOT TC-65.11	7/15/2022			SS 909	1/19/2024	PD	4/29/202
			ODOT TC-41.30	4/21/2023	ODOT TC-71.10	4/21/2023						

AADT (2024) --NHS PROJECT ------







SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION, 2023 CONSTRUCTION AND MATERIALS SPECIFICATIONS, AND THE NOTED STANDARD CONSTRUCTION DRAWINGS SHALL GOVERN THIS IMPROVEMENT. WHEREVER THE WORD "STATE" OCCURS, IT IS TO MEAN THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT).

WHENEVER THE WORD "ENGINEER" OR "DEPARTMENT" IS USED HEREIN, IT SHALL BE HELD TO MEAN THE ODOT PROJECT ENGINEER, OR DULY AUTHORIZED AUTHORITY.

EXISTING SURVEY MONUMENTS

EXISTING SURVEY MONUMENTS, INCLUDING BUT NOT LIMITED TO PROPERTY CORNERS, CENTERLINE MONUMENTS, RIGHT-OF-WAY MONUMENTS, ETC., MAY POTENTIALLY BE DISTURBED OR DESTROYED BY CONSTRUCTION OF THESE ROADWAY IMPROVEMENTS. THE CONTRACTOR SHALL RETAIN A PROFESSIONAL SURVEYOR, LICENSED IN THE STATE OF OHIO, TO IDENTIFY MONUMENTS THAT MAY BE DISTURBED AND TO PROPERLY REPLACE DISTURBED MONUMENTS IN-KIND AFTER CONSTRUCTION IS COMPLETE.

PERMITS FEES AND NOTICES

THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, ANY AND ALL PERMITS AND INSPECTIONS REQUIRED FOR THE PROSECUTION OF THE WORK BY LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS.

MATERIALS AND WORKMANSHIP

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF THE FIRST QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE CONTEMPLATED. THE CONTRACTOR SHALL FURNISH, IF SO REQUIRED, SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND WORKMANSHIP. ALL ITEMS OF EQUIPMENT AND/OR MATERIALS PROPOSED FOR SUBSTITUTION MUST BE APPROVED BY THE ENGINEER IN WRITING AND SHALL BE EQUAL OR BE SUPERIOR TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS. IF SAID SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRED ENGINEERING REVISIONS, THE EXPENSE OF SUCH REVISIONS SHALL BE PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

EXISTING FACILITIES

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM HIS WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FACILITY. IF ANY SUCH DAMAGE DOES OCCUR DUE TO THE CONTRACTOR'S OPERATIONS, HE SHALL REPLACE THE DAMAGED PORTION AT HIS EXPENSE AND TO THE SATISFACTION OF THE ENGINEER

EXAMINATION OF THE SITE

THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE OF THE PROPOSED WORK, THE PLANS AND SPECIFICATIONS. THE SUBMISSION OF A BID SHALL BE CONSIDERED EVIDENCE THAT THE CONTRACTOR HAS MADE SUCH EXAMINATION AND IS SATISFIED AS TO THE CONDITIONS TO BE ENCOUNTERED IN PERFORMING THE WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

RELOCATION OF UTILITIES

ALL UTILITIES WHICH ARE SHOWN OR LOCATED DURING THE COURSE OF CONSTRUCTION THAT ARE FOUND TO BE IN CONFLICT WITH THESE PLANS ARE TO BE RELOCATED OR ADJUSTED BY THE OWNER OF THE UTILITY.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLAN AREAS OBTAINED FROM THE OWNERS OF THE UTILITIES. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES LOCATED HEREON COMPROMISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES LOCATED ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE/SHE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

SEEDING AND MULCHING

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

ITEM 659 TOPSOII

ITEM 659, WATER

TEN 039, TOPSOL	
ITEM 659, SEEDING AND MULCHING	
ITEM 659, COMMERCIAL FERTILIZER	
ITEM 659, LIME	

0.54 TON 0.82 ACRES 10.7 M.GAL

APPLY SEEDING AND MULCHING 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.

661 CU.YD

3,965 SQ. YD.

ITEM 659 SEEDING AND MULCHING

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 ITEM 659, SEEDING AND MULCHING, ARE BASED ON THESE LIMITS.

WEATHER CONDITIONS

NO CONSTRUCTION SHALL BE DONE DURING STORMY, FREEZING OR INCLEMENT WEATHER UNLESS PERMISSION IS GIVEN BY THE ENGINEER WHENEVER WORK PROCEEDS DURING SUCH WEATHER, THE CONTRACTOR SHALL PROVIDE APPROVED FACILITIES, INCLUDING HEAT (IF REQUIRED), FOR THE PROTECTION OF ALL MATERIALS AND FINISHED WORK.

AGENCY NOTIFICATIONS

CONTRACTOR TO NOTIFY LOCAL EMERGENCY SERVICE PROVIDERS. UNITED STATES POSTAL SERVICE. LOCAL SCHOOL DISTRICTS PRIOR TO START OF CONSTRUCTION.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF USE THE POSITIONING METHODS AND PRIMARY MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623. FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT. CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER=3.2808333333 U.S. SURVEY FEET DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER. PAYMENT FOR ALL OPERATIONS **ITEM SPECIAL - MAILBOX SUPPORT** DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS SECTIONS, EVEN THOUGH

THIS WORK SHALL CONSIST OF FURNISHING AND ERECTING MAILBOX SUPPORTS AND ANY ASSOCIATED MOUNTING HARDWARE IN ACCORDANCE WITH PLAN DETAILS, AND ATTACHING AN OWNER-SUPPLIED MAILBOX AT LOCATIONS SPECIFIED IN THE PLAN, OR OTHERWISE ESTABLISED BY THE ENGINEER. WOOD POSTS SHALL BE NOMINAL 4 INCHES BY 4 INCHES SQUARE OR 4.5 INCHES DIAMETER ROUND, AND CONFORM TO 710.14. STEEL POSTS SHAL BE NOMINAL PIPE SIZE 2 INCHES I.D., AND CONFORM TO AASHTO M 181. ALL HARDWARE INCLUDING BUT NOT LIMITED TO PLATES, SCREWS, BOLTS, AND ETC. SHALL BE COMMERCIAL-GRADE GALVANIZED STEEL. POSTS SHALL BE SET PER THE FIRST PARAGRAPH OF 606.03, AND SHALL IN NO INSTANCE BE ENCASED IN CONCRETE. SUPPORT HARDWARE SHALL ACCOMMODATE EITHER A SINGLE OR A DOUBLE MAILBOX INSTALLATION, AND NO MORE THAN TWO BOXES MAY BE MOUNTED ON A SINGLE POST. THE MAILBOX SHALL BE SECURELY AND NEATLY ATTACHED BY THE CONTRACTOR TO THE NEW SUPPORT. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ATTACHMENT HARDWARE (NUTS, BOLTS, PLATES, SPACERS, AND WASHERS) AS NECESSARY TO ACCOMMODATE THE COMPLETE INSTALLATION. IN THE ABSENCE OF A NEW BOX SUPPLIED BY THE OWNER, THE CONTRACTOR SHALL SALVAGE THE EXISTING BOX AND PLACE IT ON THE NEW SUPPORT. DUE CARE SHALL BE EXERCISED IN SUCH AN OPERATION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY BOX DAMAGED BY IMPROPER HANDLING ON HIS PART, AS JUDGED AND DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CROSSINGS TO EXISTING PIPES AND UTILITIES THE LOCAL POST MASTER REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION. PAYMENT UNDER THIS ITEM SHALL BE LIMITED TO FINAL PERMANENT INSTALLATIONS, TEMPORARY INSTALLATIONS SHALL BE IN ACCORDANCE WITH 107.10. HOWEVER, THE SAME MATERIAL AND SIZE LIMITATIONS AS FOR PERMANENT INSTALLATIONS SHALL APPLY. MAILBOX SUPPORTS, COMPLETE IN PLACE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH, FOR ITEM SPECIAL MAILBOX SUPPORT SYSTEM, (SINGLE) (DOUBLE).

ROUNDING OTHERWISE SHOWN. COOPERATION WITH UTILITY COMPANIES WHILE THE WORK OF THIS CONTRACT IS BEING PERFORMED, THE UTILITY COMPANIES MAY BE WORKING IN THE AREA ADJUSTING AND RESETTING EXISTING FACILITIES. THE CONTRACTOR SHALL FULLY COOPERATE WITH UTILITY COMPANIES SO THAT THE ENTIRE WORK IS COMPLETED IN A MANNER CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. THE CONTRACTOR, UTILITIES, AND ENGINEER SHALL DISCUSS THE NECESSARY CONSTRUCTION SCHEDULES TO COMPLETE THE PROJECT. WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO 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 THE PROPOSED CONDUIT.

UTILITY COORDINATION

THE FOLLOWING IS A LIST OF THE KNOWN EXISTING UTILITIES IN THE PROJECT AREA ALONG WITH THE RESPECTIVE OWNERS. THE LIST IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY OWNERS IN THE PROJECT AREA PRIOR TO START OF CONSTRUCTION WHETHER LISTED ON THIS PAGE OR NOT.

EROSION CONTROL

OEPA - SEDO

LOGAN, OH 43138

PH: (740) 385-8501

41061 BOND DR.

BELMONT, OH 43718

PH: (330) 308-6510

PH: (740) 782-1337

COMMUNICATION

PH: (412) 337-1049

COMCAST

STATE DOT: ODOT DISTRICT 11

CONTACT: DAVID SCHAFER

LOCAL DOT: UNION TOWNSHIP

CONTACT: JUSTIN DEMARCHI

CONTACT: ANGELA MEYERS

ROADWAY

SANITARY SEWER BELMONT COUNTY WATER & SEWER DISTRICT 67711 OAK VIEW DRIVE ST. CLAIRSVILLE, OH 43950 PH: (740) 695-3144 CONTACT: JEANNE KINNEY

FIRE LAFFERTY VOLUNTEER FIRE DEPARTMENT 70191 IRWIN ROAD LAFFERTY, OH 43951 PH: (740) 310-0901 CONTACT: DUSTIN HUDAK

WATER BELMONT COUNTY WATER & SEWER DISTRICT 67711 OAK VIEW DRIVE ST. CLAIRSVILLE, OH 43950 PH: (740) 695-3144 CONTACT: JEANNE KINNEY

OWNER/DEVELOPER LOVE'S TRAVEL STOPS & COUNTRY STORES, INC. 10601 N. PENNSYLVANIA AVE OKLAHOMA CITY, OK 73120 CONTACT: RICK SHUFFIELD PH: (405) 302-6646 EMAIL: RICK.SHUFFIELD@LOVES.COM

UTILITIES NOTIFICATION

AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE CONTRACTOR SHALL CONTACT OHIO811 OUPS AT 8-1-1 OR 1-800-362-2764 (OHIO811.ORG), THE ENGINEER, THE REGISTERED UTILITY PROTECTION SERVICE AND THE OWNERS OF EACH UNDERGROUND UTILITY FACILITY SHOWN ON THE PLAN. THE OWNER OF THE UNDERGROUND FACILITY SHALL. WITHIN 48 HOURS (EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS), MARK THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE AND THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

TEMPORARY TRAFFIC CONTROL

IT IS ESSENTIAL THAT THE ENGINEER HAVE THE AUTHORITY TO CONTROL THE PROGRESS OF THE WORK ON THE PROJECT IN ITS RELATION TO OBTAINING SAFE CONDITIONS. THIS INCLUDES THE AUTHORITY TO MODIFY CONDITIONS OR HALT WORK UNTIL APPLICABLE OR REMEDIAL SAFETY MEASURES ARE TAKEN. THE CONTRACTOR IS TO SUPPLY ALL TRAFFIC CONTROL, AS THE ENGINEER DEEMS NECESSARY. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH SECTION 614 OF THE ODOT STANDARD SPECIFICATIONS AND OTHER APPLICABLE PORTIONS OF THE ODOT SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

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 BIG FOR ITEM 201, CLEARING AND GRUBBING.

SURVEY DATA

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET R2 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION. USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING: BASIS OF BEARINGS: BEARINGS ARE BASED UPON OHIO STATE PLANE SOUTH ZONE

HORIZONTAL POSITIONING PROJECT CONTROL REFERENCE FRAME: NAD83 (2011) POSITIONING METHOD: ODOT REAL TIME NETWORK **ELLIPSOID: GRS 80** MONUMENT TYPE: TYPE 'B' COORDINATE SYSTEM: OHIO STATE PLANE SOUTH ZONE VERTICAL POSITIONING **PROJECTION: LAMBERT CONFORMAL CONIC ORTHOMETRIC HEIGHT DATUM: NAVD88** CENTRAL LATITUDE: N 40° 03' 28" GEOID: 18B CENTRAL LONGITUDE: W 81° 03' 06" PROJECTION SCALE FACTOR: 1.0000000

ELECTRIC AMERICAN ELECTRIC POWER (AEP) 2195 EAST FRONT STREET 47687 NATIONAL RD. W ST. CLAIRSVILLE, OH 43950 PH: (740) 238-3630 CONTACT: BRENT PANEPUCCI

> GAS COLUMBIA GAS 290 W NATIONWIDE BLVD COLUMBUS, OH 43215 PH: (614) 460-8928 CONTACT: DAVID BASSITT

STORM SEWER STATE DOT: ODOT DISTRICT 11 41061 BOND DR. BELMONT, OH 43718 PH: (330) 308-6510 CONTACT: DAVID SCHAFER

ENGINEER CESO, INC. 175 MONTROSE WEST AVE. SUITE 400 AKRON, OH 44321 CONTACT: KIMBERLY COOPER, P.E. PH: (330) 396-5682 EMAIL: COOPER@CESOINC.COM

RESTORATION THE CONTRACTOR SHALL PROV

EXISTING STREETS, DRIVEWAYS OF AGRICULTURAL LAND, THE M COMPLETE RESTORATION OF T CONTRACTOR SHALL CONTINUC BACKFILLING IS COMPLETED, AN SIDEWALKS, CURBS, GUTTERS, CONTRACTOR IN CONNECTION

PAVEMENTS, PAVEMENT MARKI WHICH HAVE BEEN DAMAGED, F FAILURE TO CARRY OUT THE RE SPECIFIC DIRECTION OF THE EN REPLACED AT THE EXPENSE OF

ALL TEMPORARY SIGNS, SPRIN LIMITS MUST BE REPLACED OR

ITEM 832: EROSION CONTROL

ALL EROSION AND SEDIMENTAT LATEST OHIO EPA AUTHORIZAT SYSTEM" (NPDES); ANY AND ALL OHR000006 FOR REGULATIONS. ABOVE, ADDITIONAL EROSION C **RESPONSIBLE FOR ALL EROSIO** SEDIMENTATION CONTROL FAC FOR THE ANTICIPATED SITE CON ORDER TO MAINTAIN WATER QU EROSION AND SEDIMENTATION

ASPHALT CONCRETE JOINT SEA THE CONTRACTOR SHALL APPL PRIOR TO THE PLACEMENT OF EACH RESPECTIVE ASPHALT CO

BENCHING OF FOUNDATION SLO ALTHOUGH CROSS-SECTIONS II FOUNDATIONS IN CERTAIN ARE EMBANKMENT AREAS AS SET FO ADDITIONAL PAYMENT WILL BE

PART-WIDTH CONSTRUCTION BECAUSE OF THE NECESSITY T STAGES, EXERCISE CARE TO PR JOINTS AS SHOWN ON STANDAR

CONNECTION BETWEEN EXISTIN WHEN IT IS NECESSARY TO SPL BE CUT, DRILLED, OR PUNCHED. 180-12, EXCEPT THE BEAM WASH **RESPECTIVE GUARDRAIL ITEMS**

ITEM 606 - ANCHOR ASSEMBLY THIS ITEM SHALL CONSIST OF F GUARDRAIL AS LISTED ON ROAI GUARDRAIL END TREATMENTS. THE MANUFACTURER'S SPECIF RETROREFLECTIVE SHEETING, INSTALLATION OF, AND THE GRA TUBE SHOULD BE LESS THAN 4 APPROPRIATE DEPTH BELOW T THE EDGE OF THE SHOULDER. GROUND STRUT DOES PROJEC MADE AT THE UNIT PRICE BID FO EQUIPMENT AND MATERIALS NE INCLUDING ALL RELATED TRANS SEPARATELY SPECIFIED, AS REC

DATUM NOTES:

HORIZONTAL DATUM OHIO STATE PLANE COORDINATE SYST STATIC SESSION.

VERTICAL DATUM:

NAVD 88 AS DETERMINED BY OPUS POS

UTILITY DISCLAIMER:

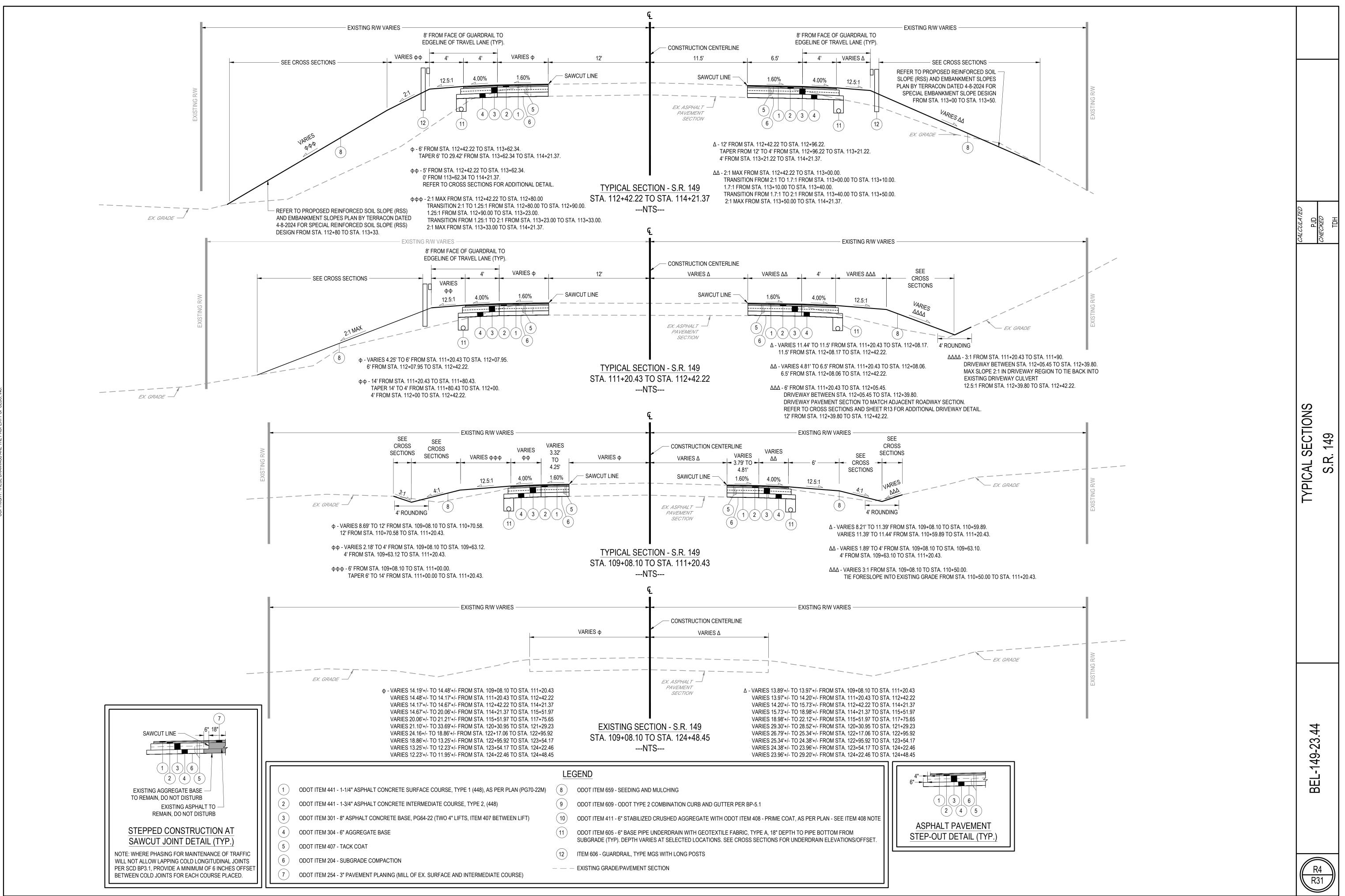
THE UTILITIES SHOWN HEREON HAVE EXISTING DRAWINGS. THE SURVEYOR SUCH UTILITIES IN THE AREA, EITHER I THE UTILITIES LOCATED ARE IN THE EX AS ACCURATELY AS POSSIBLE FROM IN

DATE OF FIELD SURVEY: AUGUST 9, 202 DATE OF SURVEY MAP: APRIL 12, 2023

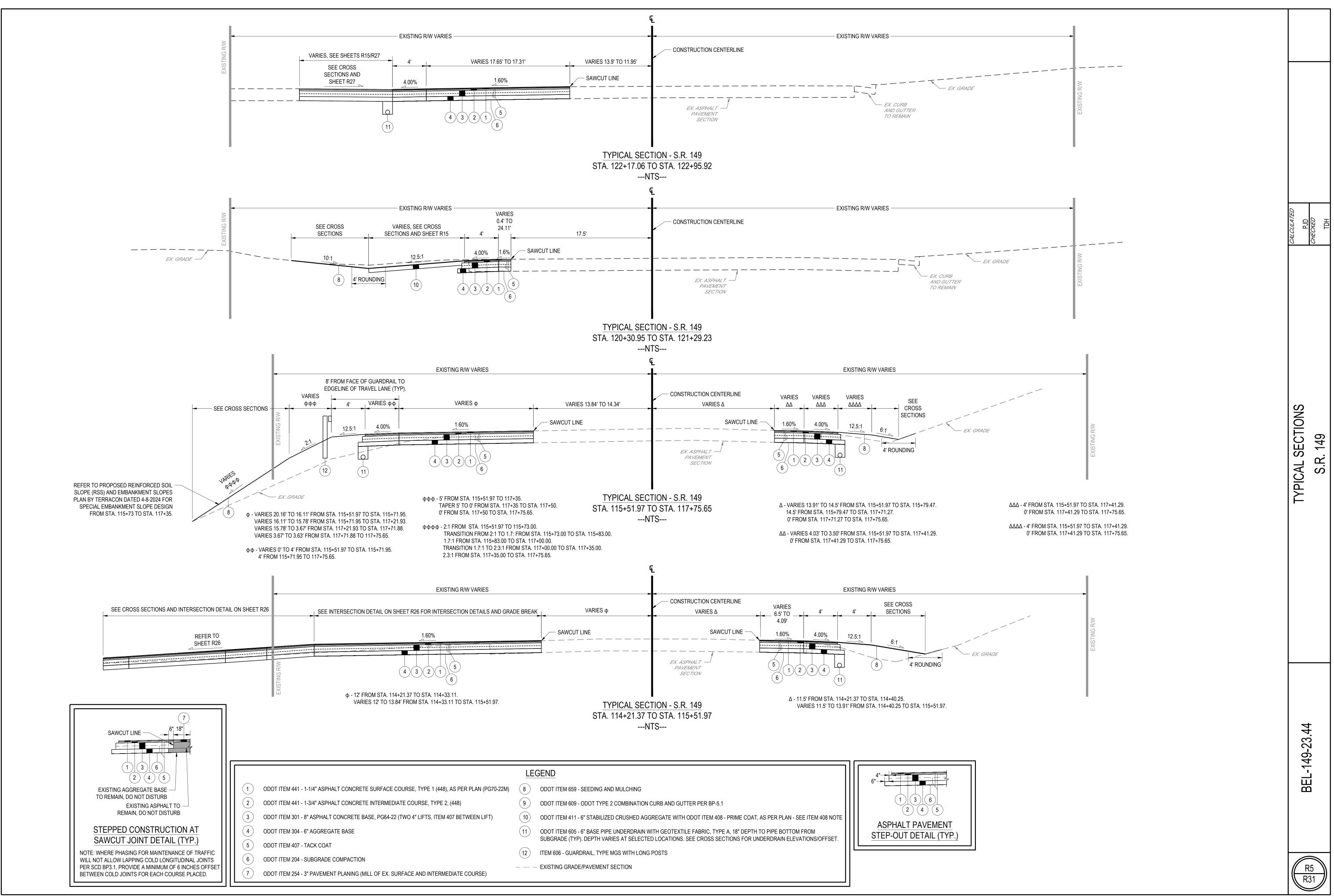
REFERENCE DR

ORIGINAL SURVEY 1 OF 1	ALTA/NSPS LAND TI 175 MONTROSE WE SUITE 400 COPLEY, OH 44321 PHONE: (330) 665-06 CONTACT: STEVEN
ORIGINAL PLANS 1 OF 1	PROPOSED REINFO AND EMBANKMENT DATED: 4/08/24 4685 SOUTH ASH AN TEMPE, AZ 85282 PHONE: (480) 897-82

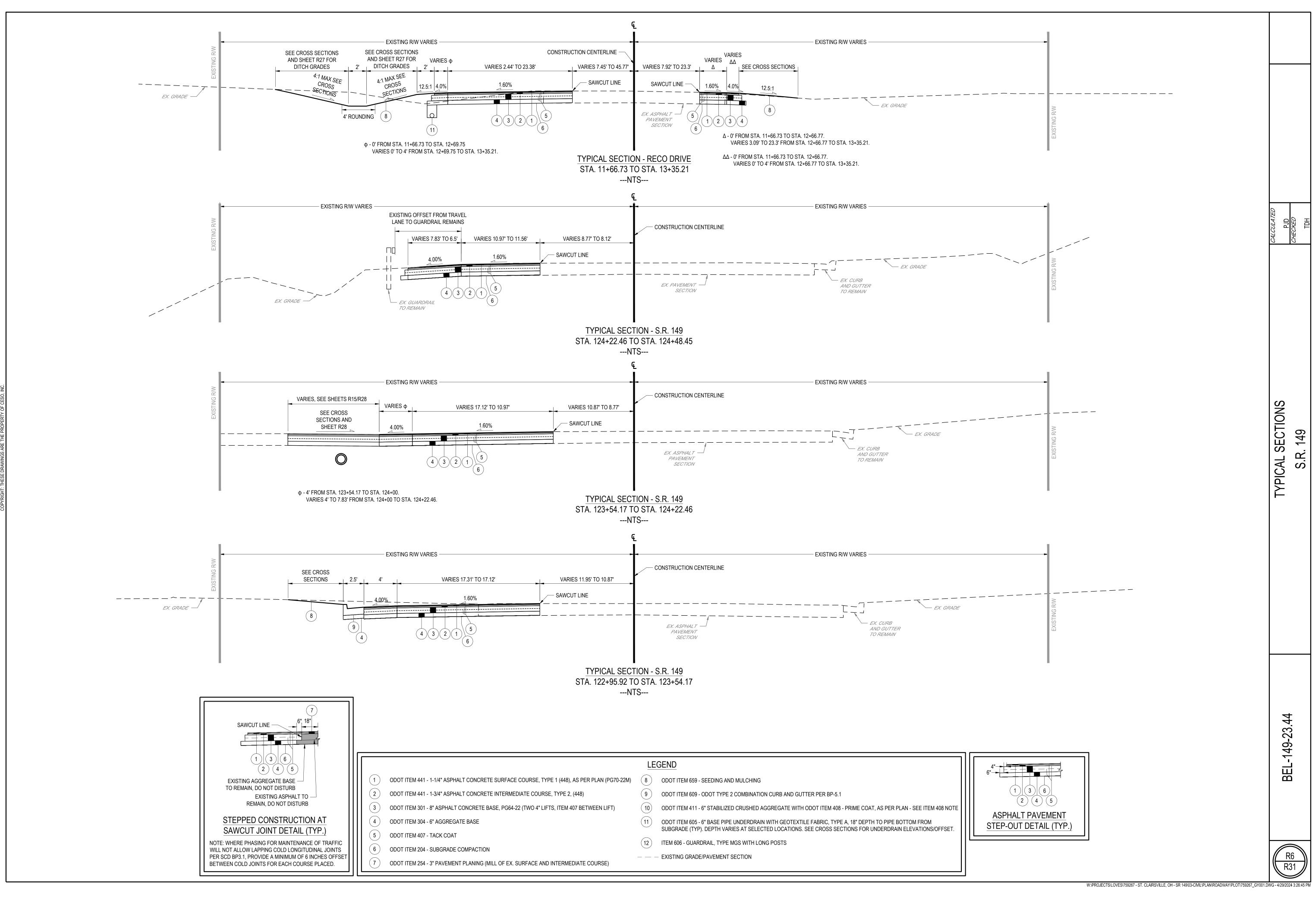
/IDE FOR PROTECTION OF THE FOLLOWING:	
S, SIDEWALKS, CURBS, GUTTERS, RE-SEEDING/RE-SODDING, REMOVAL OF TREES, RESTORATION MAINTENANCE OF THE CONSTRUCTION AREA DURING PROGRESS OF THE WORK AND THE HE CONSTRUCTION AREA TO ITS ORIGINAL CONDITION AT THE COMPLETION OF THE WORK. THE DUSLY CARRY ON WITH THE FINAL RESTORATION OF THE CONSTRUCTION AREA AFTER THE ND HE SHALL PROCEED TO RESTORE TO ITS ORIGINAL CONDITION ALL STREETS, DRIVEWAYS, STRUCTURES, AND ALL AREAS THAT WERE DAMAGED, DISTURBED, OR OCCUPIED BY THE WITH ANY PHASE OF THE WORK.	
NGS, TREES, SHRUBS, FENCES, POLES. OR OTHER PROPERTY AND SURFACE STRUCTURES REMOVED, OR DISTURBED BY THE CONTRACTOR, WHETHER DELIBERATELY OR THROUGH EQUIREMENTS OF THE CONTRACT DOCUMENTS, STATE LAWS, MUNICIPAL ORDINANCES, THE NGINEER, OR THROUGH FAILURE TO EMPLOY USUAL AND REASONABLE SAFEGUARDS SHALL BE THE CONTRACTOR.	
KLER SYSTEMS, LANDSCAPING, ORNAMENTAL FENCING, ETC., LOCATED WITHIN THE PROJECT RELOCATED UPON COMPLETION OF THE CONSTRUCTION.	
TION CONTROL SHALL BE PERFORMED ACCORDING TO: DETAIL PLANS; ACCORDING TO THE ION FOR CONSTRUCTION ACTIVITY UNDER THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION . REQUIRED PERMITS, REPORTS, AND RELATED DOCUMENTS. SEE OHIO EPA PERMIT NO. . ALL CONTRACTORS AND SUBCONTRACTORS MUST BECOME FAMILIAR WITH ALL OF THE CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR. THE CONTRACTOR IS N CONTROL MEASURES THAT ARE USED FOR WATER QUALITY. THE EROSION AND ILITIES SHOWN ON THESE PLANS ARE TO BE CONSIDERED ADEQUATE BASIC REQUIREMENTS NDITIONS. DURING CONSTRUCTION, DEVIATIONS FROM THIS PLAN MAY BE NECESSARY IN UALITY. THE CONTRACTOR SHALL ADHERE TO ODOT'S SUPPLEMENTAL SPECIFICATION 832 FOR CONTROL.	<i>CAL CULATED</i> PJD <i>CHECKED</i> TDH
ALER Y LIQUID ASPHALT CONCRETE (PG64-22) TO THE VERTICAL FACE OF ALL EXISTING ASPHALT THE ADJOINING ASPHALT CONCRETE LIFT. PAYMENT FOR THIS WORK SHALL BE INCIDENTAL TO ONCRETE COURSE OR BASE BEING PLACED.	
DPES NDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT AS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED ORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.	
O BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN REVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL RD CONSTRUCTION DRAWING BP-3.1.	S
NG AND PROPOSED GUARDRAIL ICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M HERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE S.	GENERAL NOTE S.R. 149
MGS TYPE E 'URNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS DWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH ICATIONS. THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH REBOUNDABLE PER CMS 730.191. REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE ADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN HE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE T MORE THAN 4 INCHES ABOVE THE GROUND LINE. PAYMENT FOR THE ABOVE WORK SHALL BE OR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, ECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, SITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT QUIRED BY THE MANUFACTURER.	GEN
TEM, OHIO SOUTH ZONE, NAD83 (2011) AS DETERMINED BY OPUS POST PROCESSED	
ST PROCESSED STATIC SESSIONS USING GEOID 18 (CONUS)	
BEEN LOCATED FROM FIELD SURVEY INFORMATION OUPS #A218001060 AND/OR MAKES NO GUARANTEE THAT THE UTILITIES LOCATED HERE ON COMPRISE ALL N SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT KACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED NFORMATION AVAILABLE.	.44
22	EL-149-23.44
AWINGS:) 3EL-1
TITLE SURVEY BY CESO INC. VEST AVE. ST. THE CONTRACTOR SHALL APPLY ONE COAT OF MC 70 (AS PER PLAN)	
21 -0660 EN CLUTTERTHE CONTRACTOR SHALL APPLY ONE COAT OF MC-70 (AS PER SECTION 702) AT A RATE OF 0.40 GAL/SY TO THE COMPLETED AGGREGATE SHOULDER AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A SHIELD TO PREVENT THE SPRAYING OR DRIFTING OF LIQUID BITUMINOUS MATERIAL ONTO THE EDGE OF PAVEMENT OR EDGE LINE. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO 107.10 OF THE SPECIFICATIONS.	
AVENUE, SUITE H-4	
-8200	R31



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LEGEND							
ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), AS PER PLAN (PG70-22M)	8	ODOT ITEM 659 - SEEDING AND MULCHING					
ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	9	ODOT ITEM 609 - ODOT TYPE 2 COMBINATION CURB AND GUTTER PER BP-5.1					
PHALT CONCRETE BASE, PG64-22 (TWO 4" LIFTS, ITEM 407 BETWEEN LIFT)	10	ODOT ITEM 411 - 6" STABILIZED CRUSHED AGGREGATE WITH ODOT ITEM 408 - PRIME COAT, AS PER PLAN - SEE ITEM 408 NOTE					
GREGATE BASE	(11)	ODOT ITEM 605 - 6" BASE PIPE UNDERDRAIN WITH GEOTEXTILE FABRIC, TYPE A, 18" DEPTH TO PIPE BOTTOM FROM SUBGRADE (TYP). DEPTH VARIES AT SELECTED LOCATIONS. SEE CROSS SECTIONS FOR UNDERDRAIN ELEVATIONS/OFFSET.					
COAT	(10)						
RADE COMPACTION	(12)	ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS					
(EMENT PLANING (MILL OF EX. SURFACE AND INTERMEDIATE COURSE)		- EXISTING GRADE/PAVEMENT SECTION					

NO WORK SHALL P	NG HOLIDAYS AND SPE	ECIAL EVENTS	1-8:00 PM SUNDAY. REFER TO LANE VALUE CONTRACT TABLE.
TO TRAFFIC DURIN			OF LANES AS WERE AVAILABLE AT THE START OF THE PROJECT SHALL BE OPEN YS OR SPECIAL EVENTS:
	ERVED), TOTAL SOLAR)V), THANKSGIVING, CH		IEMORIAL DAY, FOURTH OF JULY (OBSERVED), LABOR DAY, GENERAL/REGULAR /ED).
			PENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT ERMINE THIS PERIOD:
DAY OF HOLIDAY C	OR SPECIAL EVENT	TIME ALL LANES N	MUST BE OPEN TO TRAFFIC
SUNDAY MONDAY MONDAY (TOTAL S TUESDAY TUESDAY (GEN./RE WEDNESDAY THURSDAY THURSDAY THANKSGIVING FRIDAY SATURDAY	OLAR ECLIPSE)	12:00 NOON FRIDAY 12:00 NOON FRIDAY 12:00 NOON MONDA 5:00 AM TUESDAY T 12:00 NOON TUESDA 12:00 NOON WEDNE 6:00 AM WEDNESDA 12:00 NOON THURS	Y THROUGH 6:00 AM MONDAY Y THROUGH 6:00 AM TUESDAY Y THROUGH 6:00 AM WEDNESDAY AY THROUGH 6:00 AM WEDNESDAY THROUGH 12:00 AM WEDNESDAY AY THROUGH 6:00 AM THURSDAY ESDAY THROUGH 6:00 AM FRIDAY AY THROUGH 6:00 AM MONDAY DAY THROUGH 6:00 AM MONDAY Y THROUGH 6:00 AM MONDAY
DURING THE SAME	E PERIODS, MAINTAIN F	EDESTRIAN ACCES	SS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.
	F TIME SHALL BE GRAI NLESS SUCH STRIKES		IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR
			EQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE JRE RESTRICTIONS ARE VIOLATED.
MINIMIZE THE IMPA WORK IS ANTICIPA	ACT TO THE TRAVELING	G PUBLIC. LANE CLO NABLE TIME FRAME	TIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO OSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO , AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF . BE COMMENSURATE WITH THE WORK IN PROGRESS.
WHO CAN BE CON PERSONS SHALL B	TACTED TWENTY-FOUR	R (24) HOURS PER E PLACING OR REPLA	MIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS DAY BY ODOT AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR CING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIC
WITH THE LEAST IN	NCONVENIENCE TO AN	D THE MAXIMUM SA	AFFIC AT ALL TIMES. IT IS THE INTENTION TO PERFORM THE REQUIRED WORK AFETY OF THE WORKERS AND THE TRAVELING PUBLIC OCCASIONALLY, DITIONS MAY BE REQUIRED IN ORDER TO EXPEDITE SAFE TRAFFIC MOVEMENT
RESTRICTIONS AN SUBMITTED IN A TI BELOW TO INFORM OFFICE (PIO). THIS SIGNS OR MESSAG INTERFERE WITH T DURATION OF RES	D UPCOMING MAINTEN MELY MANNER TO ALL I THE SPECIAL HAULIN NOTIFICATION SHALL GE BOARDS. INFORMAT RAFFIC AND SHALL LIS TRICTION, NUMBER OF	IANCE OF TRAFFIC OW THE PROJECT I G PERMITS SECTIO BE RECEIVED BY TI TION SHOULD INCLL ST THE SPECIFIC LC F LANES MAINTAINE	RACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE ON (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATIO HE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE JDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR DCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, ED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM ICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT
NOTIFICATION OF	TRAFFIC RESTRICTION	S TIME TABLE	
ITEM RAMP & ROAD CLOSURES LANE	> 2 WE > 12 HOURS < 12 H	& < 2 WEEKS OURS	NOTICE DUE TO PERMITS & PIO 21 CALENDAR DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO CLOSURE
	> 2 WE	EKS	4 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES & RESTRICTIONS	< 2 WE		
CLOSURES &	< 2 WE RUCTION &	EEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES & RESTRICTIONS START OF CONSTF TRAFFIC PATTERN ANY UNFORESEEN	< 2 WE RUCTION & CHANGES N/	EEKS A ECIFIED IN THE PLA	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION NS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE
CLOSURES & RESTRICTIONS START OF CONSTR TRAFFIC PATTERN ANY UNFORESEEN PROJECT ENGINEE <u>WORK SITE LIGHTI</u> FLOODLIGHTING O LIGHTS DO NOT CA CONTRACTOR, ANI PRIOR TO COMMEN SATISFACTION OF	< 2 WE RUCTION & CHANGES N/ I CONDITIONS NOT SPE ER USING THE NOTIFIC NG IF THE WORK SITE FOR AUSE GLARE TO THE D D THE ENGINEER SHAL NCING ANY WORK. IF G THE ENGINEER BEFOR	EEKS A ECIFIED IN THE PLA ATION TIME TABLE. R OPERATIONS CON RIVERS ON THE RO L DRIVE THROUGH GLARE IS DETECTED RE WORK PROCEED	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION NS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE
CLOSURES & RESTRICTIONS START OF CONSTR TRAFFIC PATTERN ANY UNFORESEEN PROJECT ENGINEE WORK SITE LIGHTI FLOODLIGHTING O LIGHTS DO NOT CA CONTRACTOR, ANI PRIOR TO COMMENT SATISFACTION OF INCLUDED IN THE L	<pre>< 2 WE RUCTION & CHANGES N/ CHANGES N/ CONDITIONS NOT SPE ER USING THE NOTIFIC. NG F THE WORK SITE FOR AUSE GLARE TO THE D D THE ENGINEER SHAL NCING ANY WORK. IF G THE ENGINEER BEFOR LUMP SUM CONTRACTO BRIS</pre>	EEKS A ECIFIED IN THE PLA ATION TIME TABLE. R OPERATIONS CON RIVERS ON THE RO L DRIVE THROUGH GLARE IS DETECTED RE WORK PROCEED OR PRICE FOR ITEM RT OR DEBRIS UPO	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION NS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE IDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE DADWAY. TO ENSURE THE ADEQUACY OF FLOODLIGHT PLACEMENT, THE I THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE D, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE DS. PAVEMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE
CLOSURES & RESTRICTIONS START OF CONSTR TRAFFIC PATTERN ANY UNFORESEEN PROJECT ENGINEE WORK SITE LIGHTI FLOODLIGHTING O LIGHTS DO NOT CA CONTRACTOR, ANI PRIOR TO COMMEN SATISFACTION OF INCLUDED IN THE L MUD, DIRT AND DE THE TRACKING OR CLEANED UP IMME PERSONAL PROTE ODOT REQUIRES A	<pre>< 2 WE RUCTION & CHANGES N/ CHANGES N/ CONDITIONS NOT SPE ER USING THE NOTIFIC NG F THE WORK SITE FOR AUSE GLARE TO THE D D THE ENGINEER SHAL NCING ANY WORK. IF G THE ENGINEER BEFOF UMP SUM CONTRACTO BRIS SPILLAGE OF MUD, DI DIATELY BY THE CONT CTIVE EQUIPMENT</pre>	EEKS A ECIFIED IN THE PLA ATION TIME TABLE. R OPERATIONS CON RIVERS ON THE RO L DRIVE THROUGH ELARE IS DETECTED RE WORK PROCEED OR PRICE FOR ITEM RT OR DEBRIS UPO IRACTOR.	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION INS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE NOUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE DADWAY. TO ENSURE THE ADEQUACY OF FLOODLIGHT PLACEMENT, THE THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE D, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE DS. PAVEMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE A 614, MAINTAINING TRAFFIC.
CLOSURES & RESTRICTIONS START OF CONSTR TRAFFIC PATTERN ANY UNFORESEEN PROJECT ENGINEE WORK SITE LIGHTI FLOODLIGHTING O LIGHTS DO NOT CA CONTRACTOR, ANI PRIOR TO COMMEN SATISFACTION OF INCLUDED IN THE L MUD, DIRT AND DE THE TRACKING OR CLEANED UP IMME PERSONAL PROTE ODOT REQUIRES A HAVE THE CORREC THE CONTRACTOR	< 2 WE RUCTION & CHANGES N/ I CONDITIONS NOT SPEER USING THE NOTIFIC I CONTRACTOR I CTIVE EQUIPMENT I CONTRACTORS' PECT SAFETY EQUIPMENT I SHALL PROVIDE, ERE	EEKS A ECIFIED IN THE PLA ATION TIME TABLE. OPERATIONS CON RIVERS ON THE RO L DRIVE THROUGH BLARE IS DETECTED RE WORK PROCEED OR PRICE FOR ITEM RT OR DEBRIS UPO IRACTOR. RSONNEL TO WEAF T ALSO. CT AND MAINTAIN S	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION INS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE IDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE VADWAY. TO ENSURE THE ADEQUACY OF FLOODLIGHT PLACEMENT, THE I THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE D, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE DS. PAVEMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE A 614, MAINTAINING TRAFFIC. EN STATE HIGHWAYS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE R THE CORRECT PPE WHILE WITHIN ODOT RIGHT-OF-WAY. ALL VEHICLES SHALL
CLOSURES & RESTRICTIONS START OF CONSTR TRAFFIC PATTERN ANY UNFORESEEN PROJECT ENGINEE WORK SITE LIGHTI FLOODLIGHTING O LIGHTS DO NOT CA CONTRACTOR, ANI PRIOR TO COMMEN SATISFACTION OF INCLUDED IN THE L MUD, DIRT AND DE THE TRACKING OR CLEANED UP IMME PERSONAL PROTE ODOT REQUIRES A HAVE THE CORREC THE CONTRACTOR SUPPORTS, AS DE ALL VEHICLES, EQ APPROVED BY THE CONSTRUCTION VI INTERFERE WITH T	< 2 WE RUCTION & CHANGES N/ I CONDITIONS NOT SPEER USING THE NOTIFIC. ING F THE WORK SITE FOR AUSE GLARE TO THE D D THE ENGINEER SHALL NCING ANY WORK. IF G THE ENGINEER BEFOR JUMP SUM CONTRACTOR BRIS SPILLAGE OF MUD, DI EDIATELY BY THE CONT CTIVE EQUIPMENT ALL CONTRACTORS' PE CT SAFETY EQUIPMENT A SHALL PROVIDE, ERE TAILED IN THE OHIO M. UIPMENT AND WORKEIE ENGINEER, CONSTRUE ENGINEER, CONSTRUE ENGINEER, CONSTRUE	EEKS A ECIFIED IN THE PLA ATION TIME TABLE. R OPERATIONS CON RIVERS ON THE RO L DRIVE THROUGH GLARE IS DETECTED RE WORK PROCEED OR PRICE FOR ITEM RT OR DEBRIS UPO IRACTOR. RT OR DEBRIS UPO IRACTOR. RS ONNEL TO WEAF T ALSO. CT AND MAINTAIN S ANUAL OF UNIFORM RS AND THEIR ACTI JCTION VEHICLES S ENT SHALL ENTER A	14 CALENDAR DAYS PRIOR TO CLOSURE 5 BUSINESS DAYS PRIOR TO CLOSURE 14 CALENDAR DAYS PRIOR TO IMPLEMENTATION INS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE IDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE VADWAY. TO ENSURE THE ADEQUACY OF FLOODLIGHT PLACEMENT, THE ITHE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE O, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE S. PAVEMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE A 614, MAINTAINING TRAFFIC. IN STATE HIGHWAYS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE R THE CORRECT PPE WHILE WITHIN ODOT RIGHT-OF-WAY. ALL VEHICLES SHALL SIGNS AND SIGN

THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN SIGNS (IN PROPER POSITION, CLEAN AND LEGIBLE, AND IN GOOD WORKING

CONDITION) AND REMOVE ALL LIGHTS, SIGNS, CONES, DRUMS, AND ANY OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE

MAINTAINING TRAFFIC

TEMPORARY PAVEMENT WEDGE

TEMPORARY PAVEMENT WEDGES SHALL BE PROVIDED AT ALL TIMES WHERE TRAFFIC IS REQUIRED TO TRAVEL FROM OR ONTO A PAVEMENT SURFACE OF A DIFFERENT ELEVATION. THE MINIMUM SLOPE OF THE TEMPORARY PAVEMENT WEDGE SHALL BE 3:1 ALONG LONGITUDINAL JOINTS AND 120:1 AT TRANSVERSE JOINTS. THESE WEDGES SHALL BE REMOVED PRIOR TO PLACING THE SPECIFIED PAVEMENT COURSE.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT COURSES. TRENCH FOR WIDENING

TRENCH FOR EXCAVATION FOR BASE WIDENING SHALL BE FOR ONLY 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 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 BY THE ENGINEER.

THE CONTRACTOR SHALL ENSURE THAT THE TRENCH FOR WIDENING HAS A VERTICAL DROP OF NO MORE THAN 5 INCHES. THE TRENCH CAN BE BACKFILLED BY A COMPACTED AGGREGATE WEDGE. THE MINIMUM SLOPE OF THE TEMPORARY COMPACTED AGGREGATE WEDGE SHALL BE 3:1 ALONG THE EXISTING PAVEMENT AND PROTECTED WITH DRUMS AT ALL TIMES.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 5 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 DAY. 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.

DROPOFFS IN WORK ZONE

THE DROPOFF ADJACENT TO THE TRAVELED LANE SHALL MEET THE CRITERIA OUTLINED ODOT STANDARD DRAWING MT-101.90. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR MATERIALS, LABOR OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS OF MT-101.90.

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

- DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED. DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR
- WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

- FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).
- FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA:
- O ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND
- AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF OPERATION; AND, 0
- O AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

"WITHOUT POSITIVE PROTECTION" MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS "WITHOUT POSITIVE PROTECTION". FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES, DRUMS, ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS ARE LOCATED.

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION, PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF:

- THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR
- THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE; OR
- OTHER LOCATION AS APPROVED BY THE ENGINEER.

THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS. THEN PURSUIT OF THE MOTORIST IS APPROPRIATE, THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES. ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03. THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 100 HOURS. THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED. ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

ACCESS TO PRIVATE PROPERTY MAINTAINING TRAFFIC UNLESS ITEMIZED SEPARATELY.

TEMPORARY PAVEMENT SECTION BE SUBSTITUTED AT DIRECTION OF ENGINEER.

BY THE MANUFACTURER.

DUST CONTROL

ITEM 616 WATER

PRE-ROADWAY TRAFFIC SIGNAL INSTALLATION:

PRE-PHASE 1A/1B:

OPERATIONS.

PHASE 1A:

DRIVEWAY TO REMAIN OPEN.

PHASE 1B:

TRAFFIC AND ADJACENT BUSINESSES.

PRE-PHASE 2:

OPERATIONS.

PHASE 2:

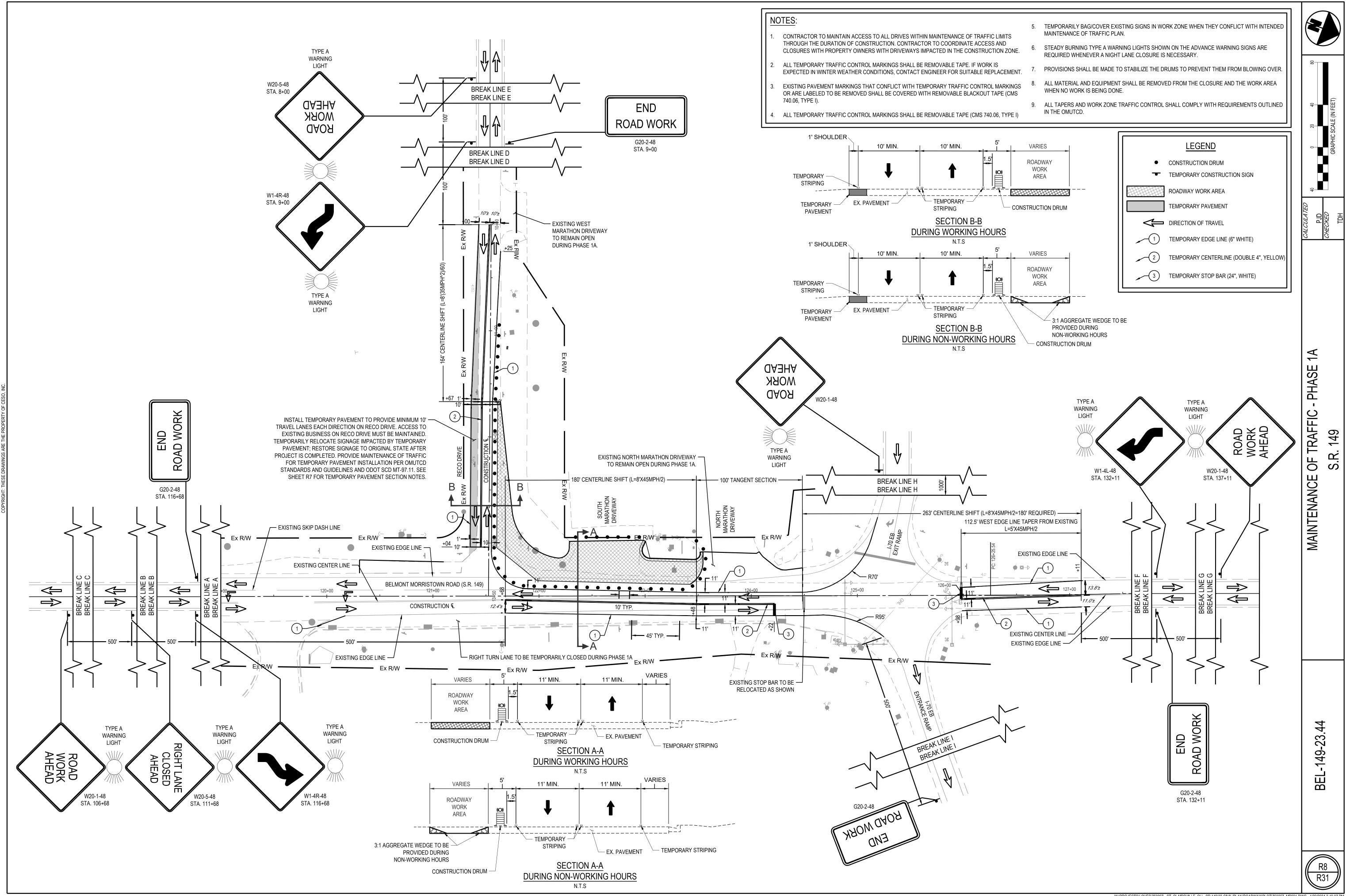
PRE-PHASE 3

PAVEMENT PRIOR TO ANY CONSTRUCTION.

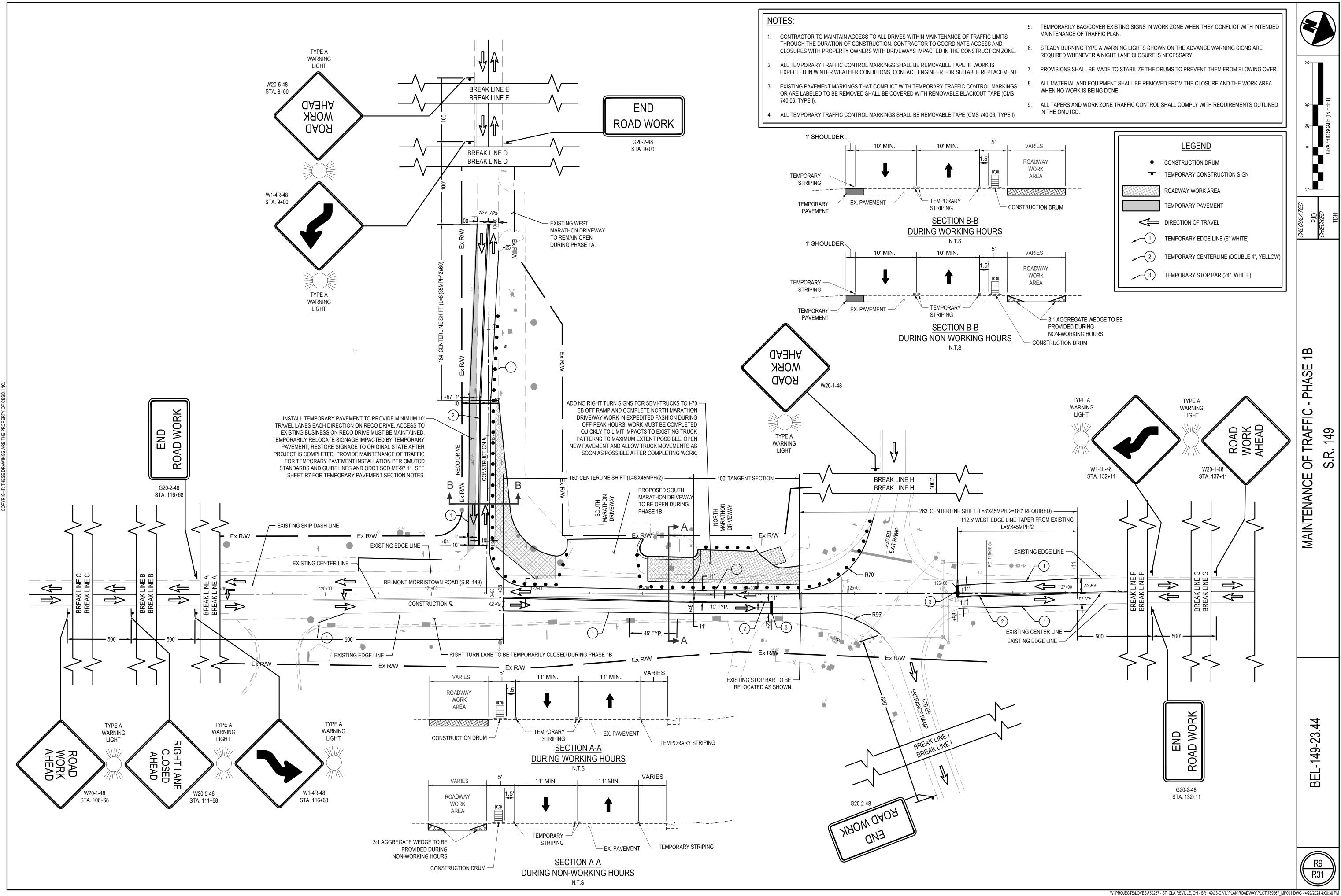
PHASE 3:

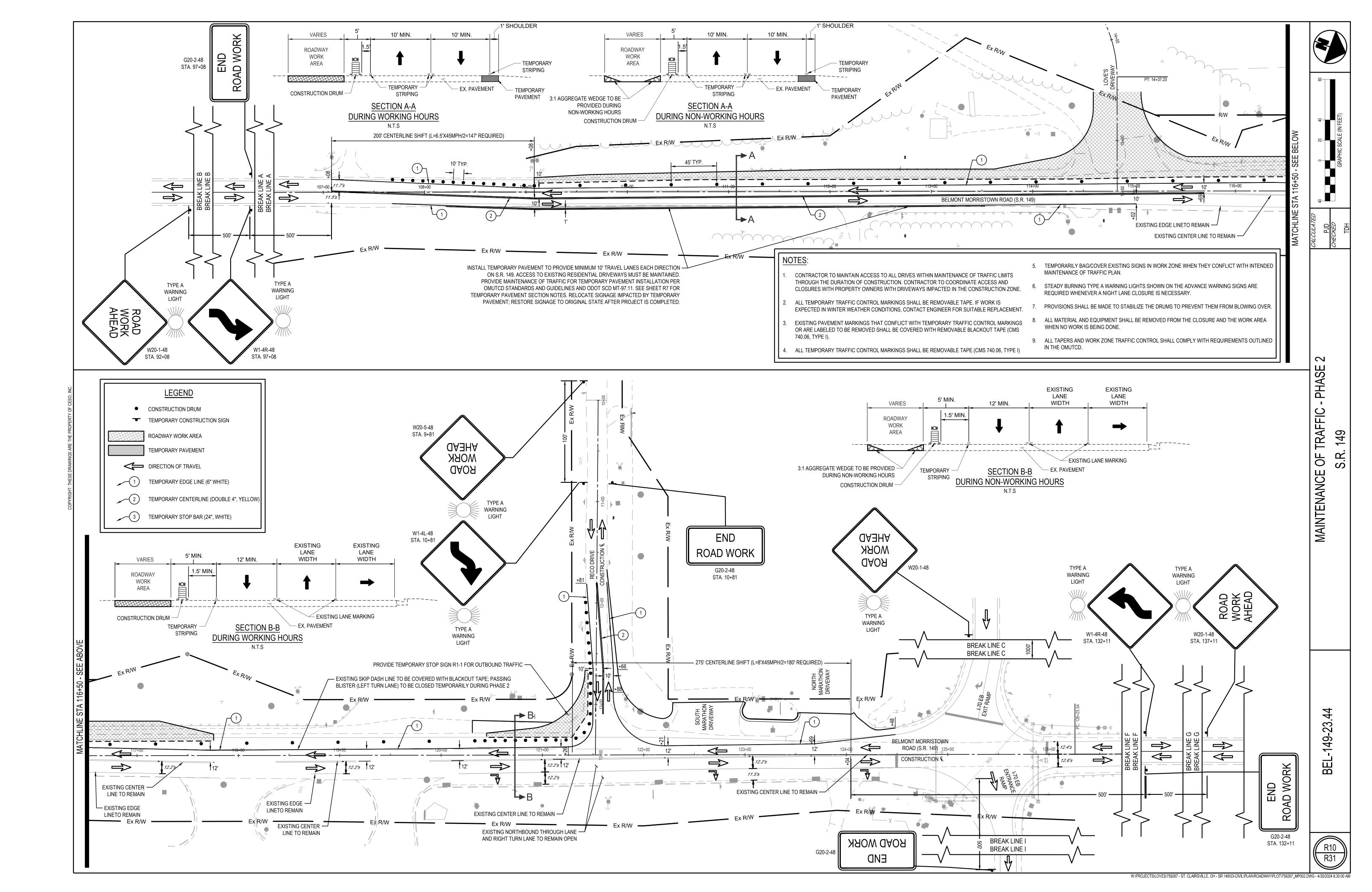
SHOWN IN PLAN.

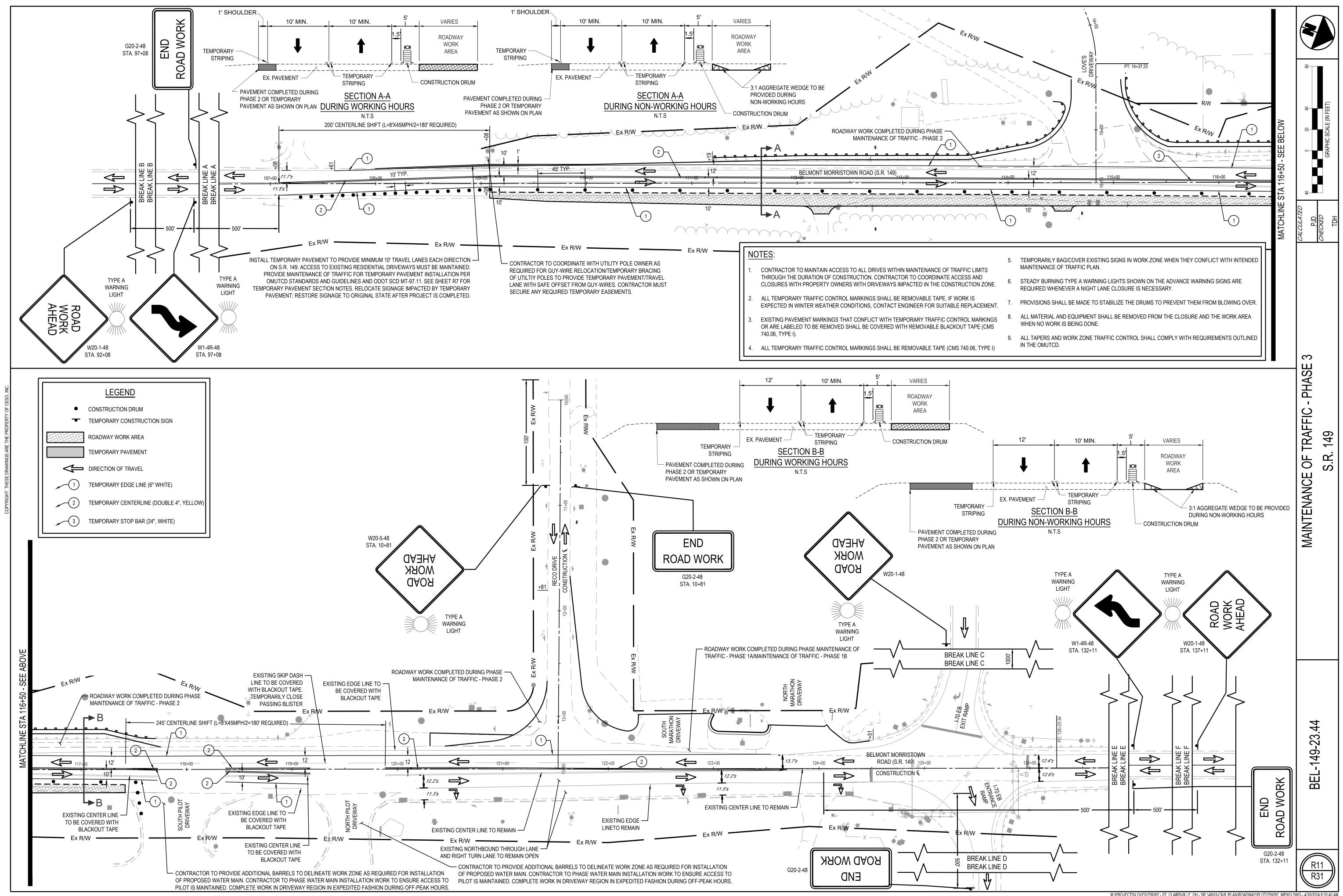




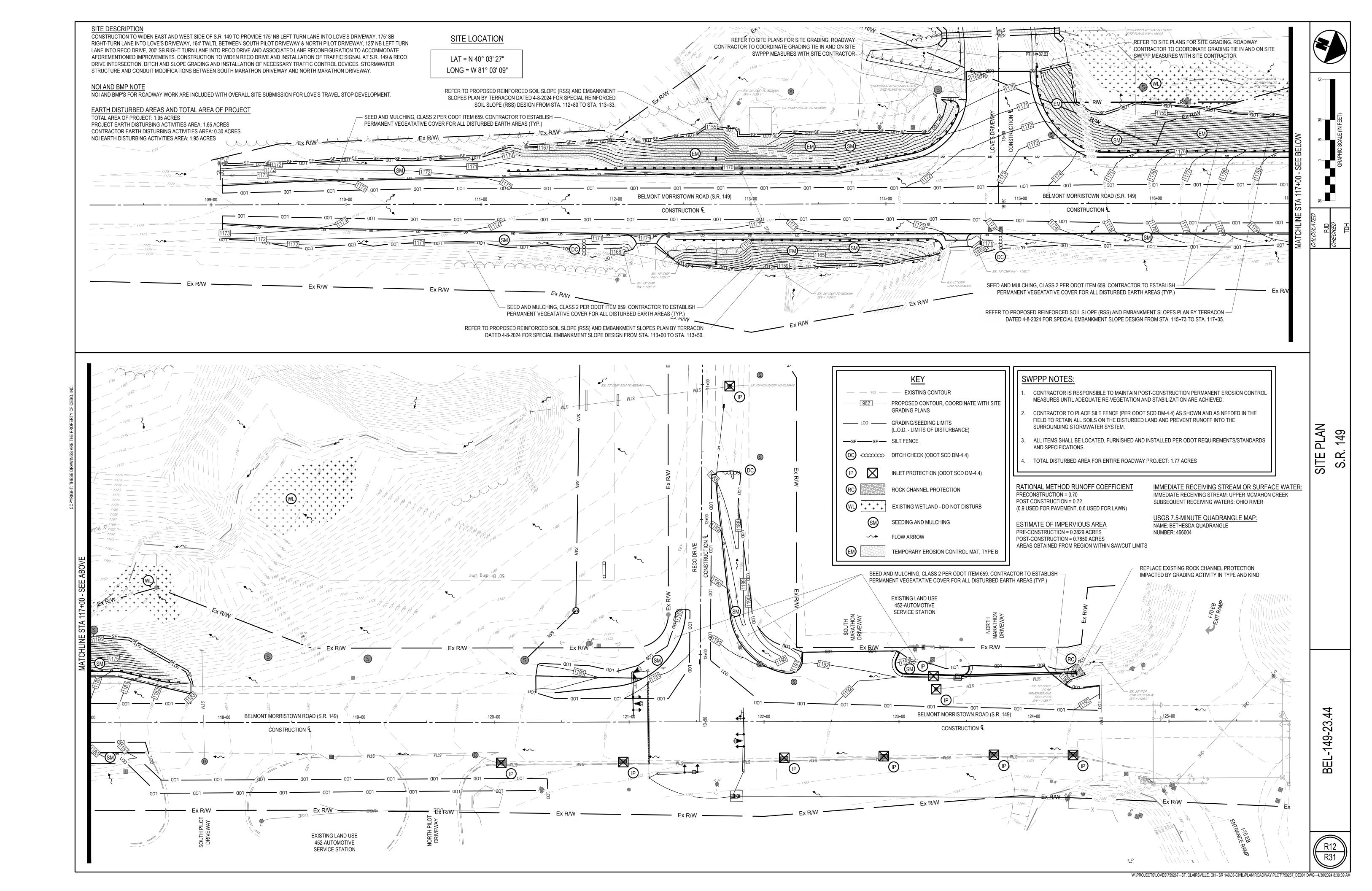
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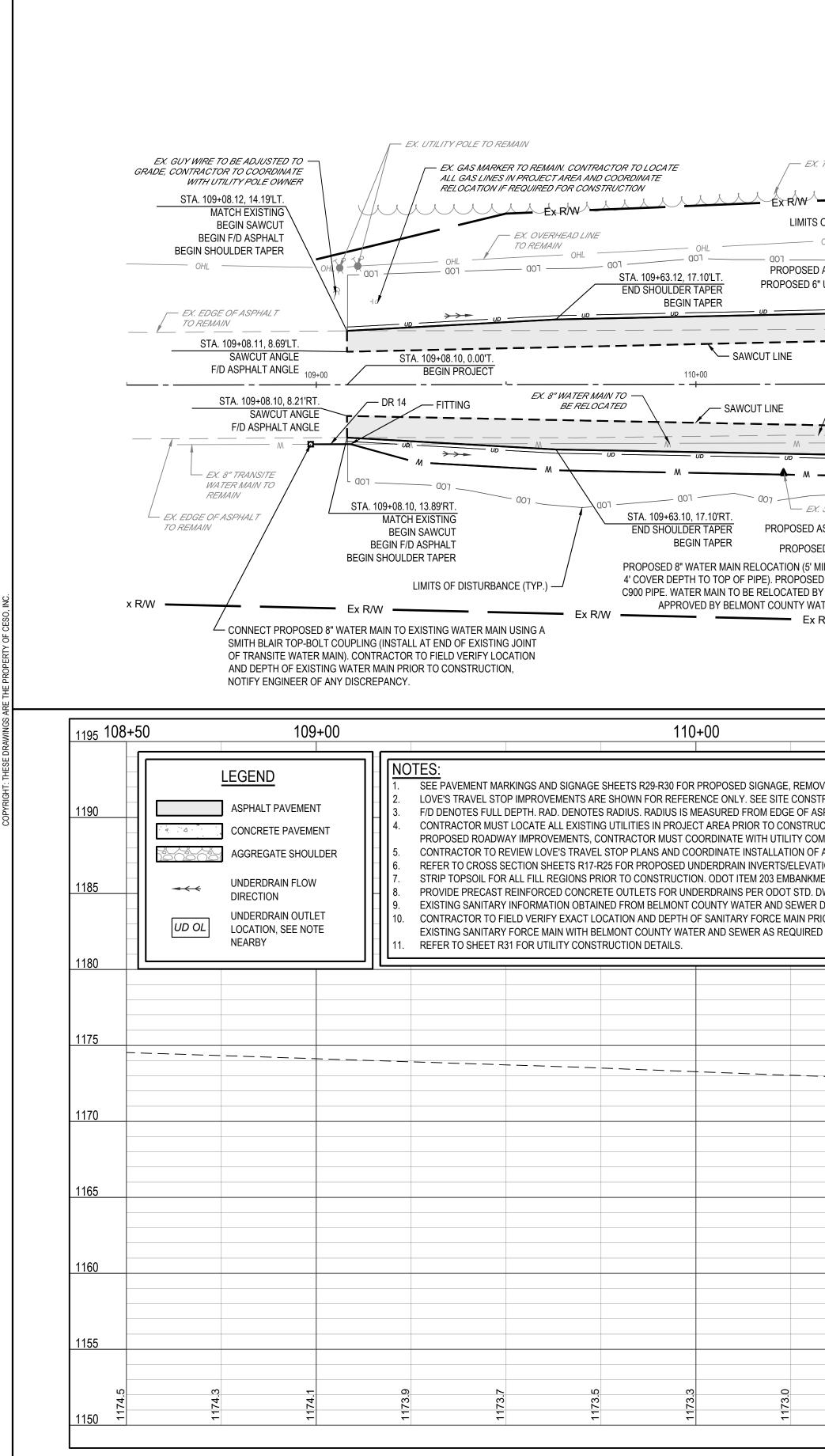






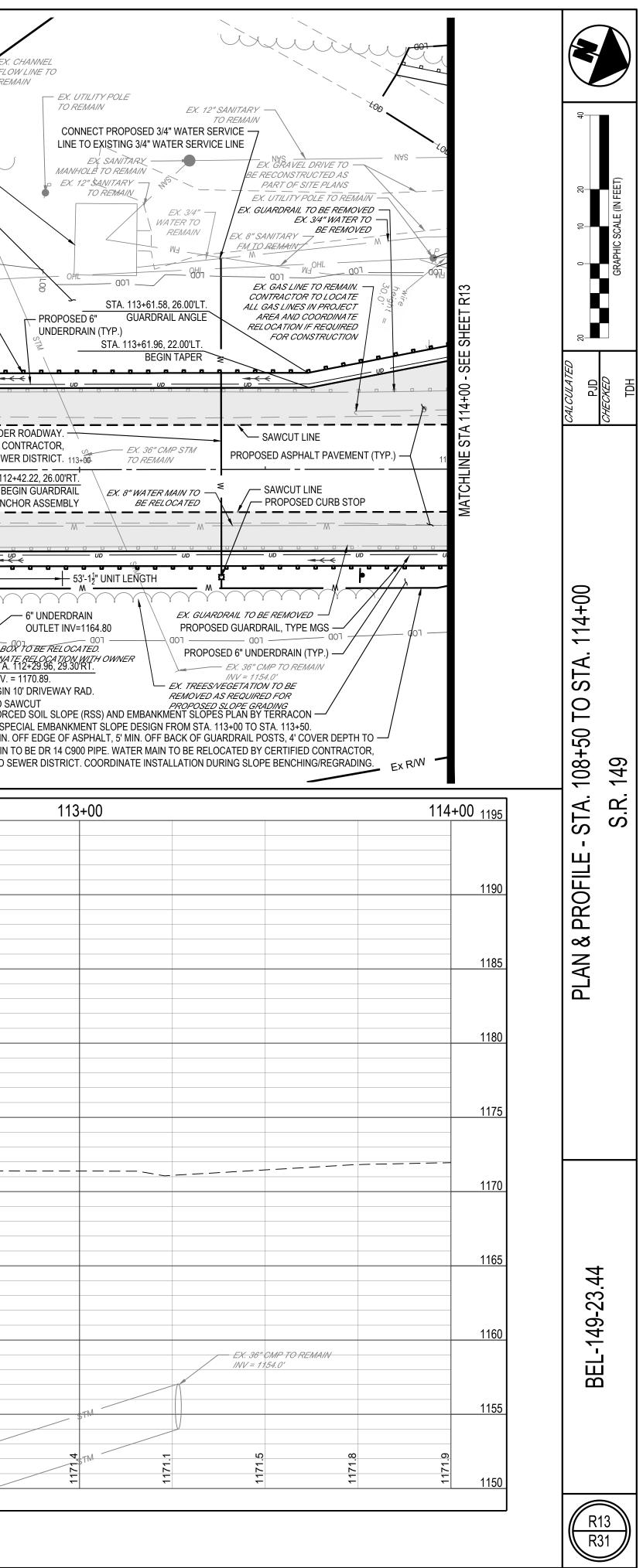
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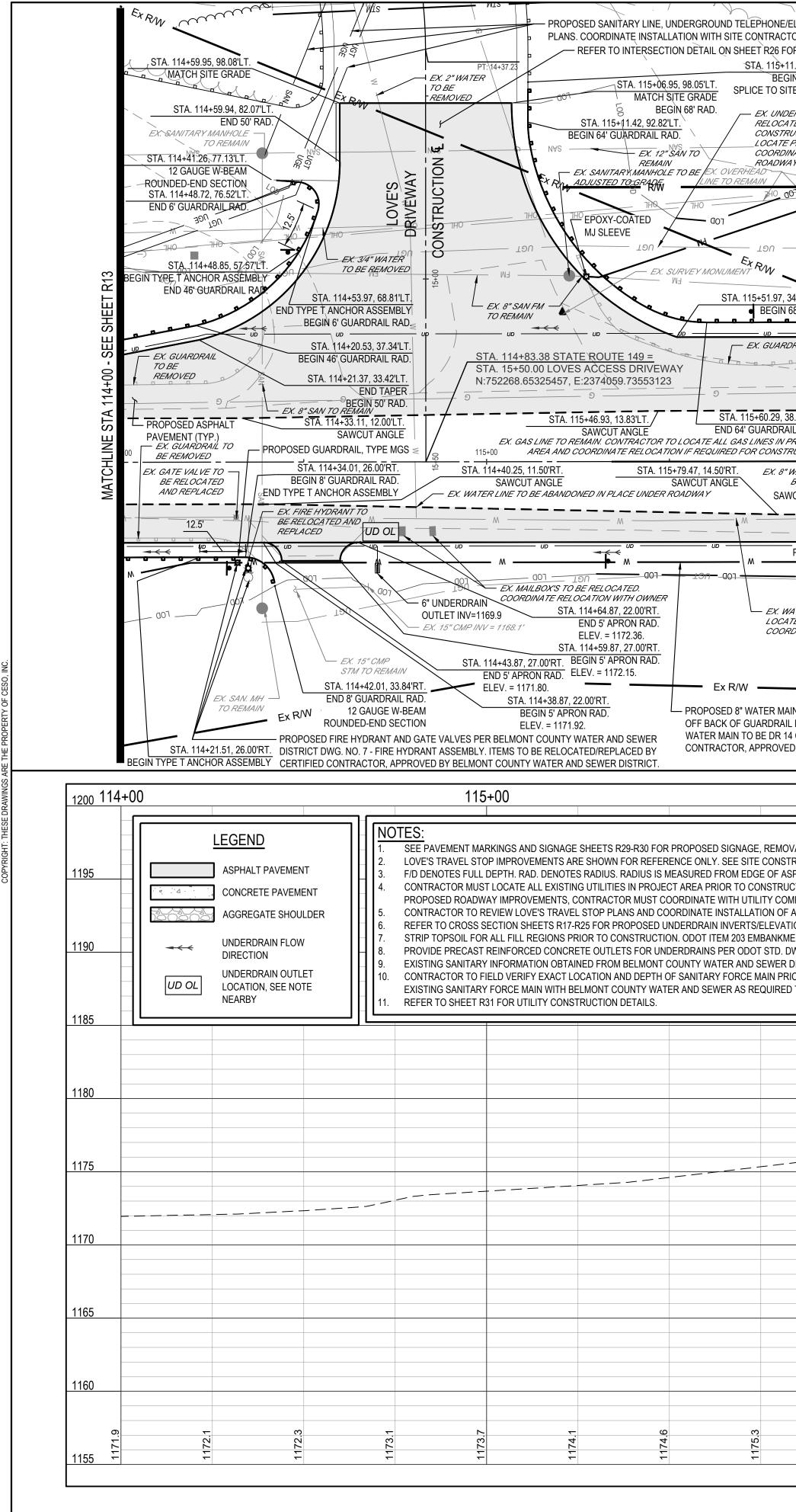




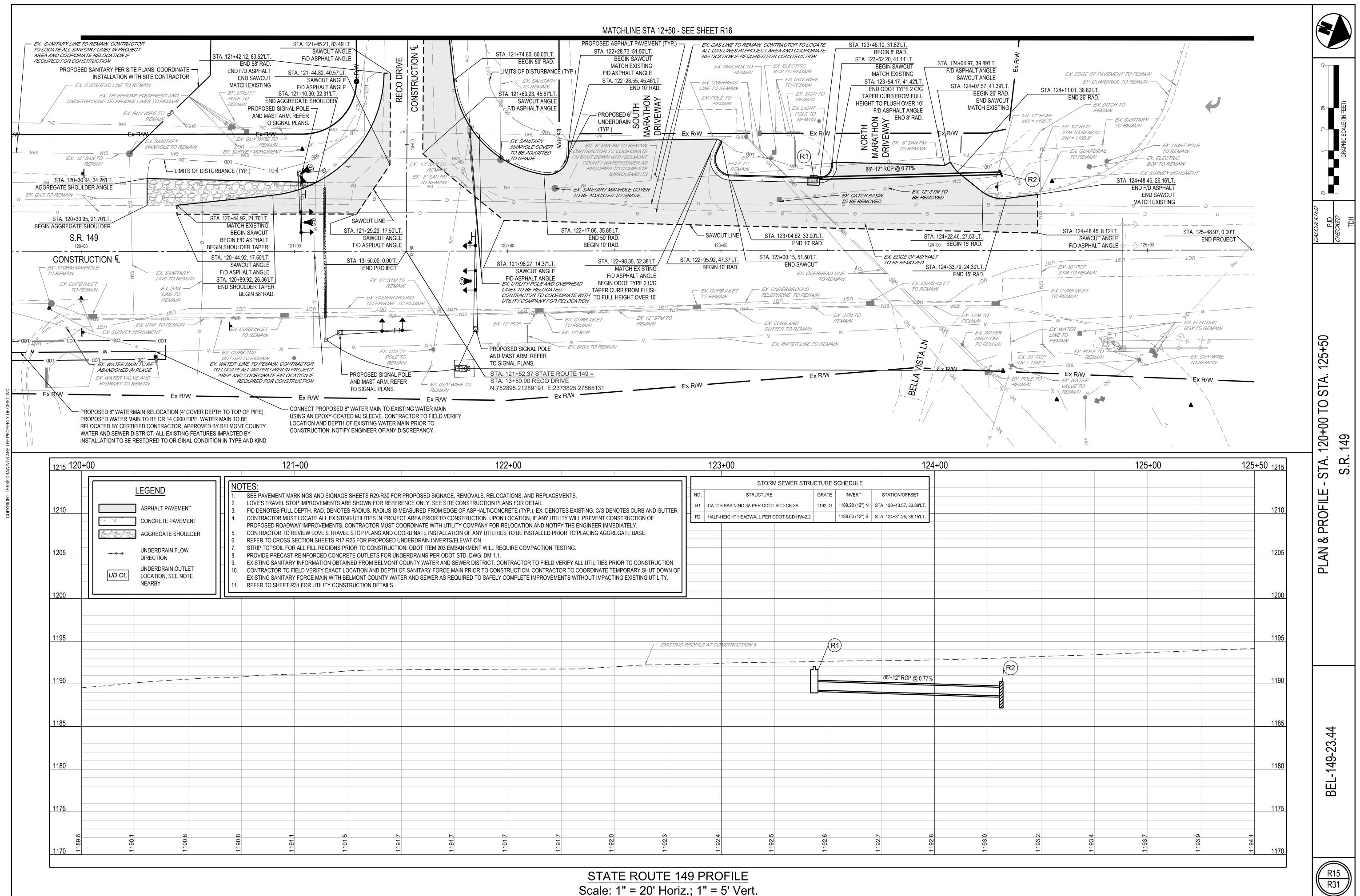
							/	
				REMAIN. C	UMP STATION BUILDIN ONTRACTOR USE CAU ROTECT BUILDING DU CONSTRUCTION ACTI	ITION RING		- EX FL RE
				OPOSED REINFORCED	SOIL SLOPE (RSS) AN			
			S	N BY TERRACON DATE SOIL SLOPE (RSS) DES	GN FROM STA. 112+80		Alenne -	
	WILL RE	QUIRE PRE AND POS	WHEN WORKING AROI T CONSTRUCTION INS RESULTING FROM CON	PECTION OF THE PIPE	COMPLYING WITH CM	AS X		X
EX. GUY WIRE TO BE ADJUST						in	\sim $/$	
REQUIRED FOR GRADING, C COORDINATE WITH UTILI	CONTRACTOR TO	EX. TREES/V.	EGETATION TO REMAIN			EX. 36" CMP TO RE	150.1'	X
K. TREES/VEGETATION TO REMAIN	λ	Éx R ^Í W	<u>, , , , , , , , , , , , , , , , , , , </u>		EX RIN EX EX. OVERHEAD LI TO REM.		TYPE MGS	00 -
S OF DISTURBANCE (TYP.)	TY POLE TO REMAIN -). 07 <u>01</u> <u>00</u>	EX. POLE TO REMA	dol the of	L OVERHL		6" UNDERDRAIN	\backslash
	001		– EX. OVERHEAD LINE TO REMAIN			OUTI <i>L TO BE REMOVED</i> A. 112+07.95, 22.00'LT.	LET INV=1165.70	
D ASPHALT PAVEMENT (TYP.) STA. 111+20.43, 2 BEGIN GUAI 5" UNDERDRAIN (TYP.) TYPE E ANCHOR ASS		53'-		OHL		END TAPER		
EX. EDGE OF ASPHALT STA. 110+70.58, 12.				12+08.06, 22.00'RT.		NATER SERVICE LINE T		
TO BE REMOVED SAWCUT A 111+0 111+0		S.R. 14	19 <u>-</u>	END TAPER				
EX. EDGE OF ASPHALT STA. 110+59.89, 11.39 TO BE REMOVED SAWCUT AN		CONSTRUC	CTION L <u>_ s</u>	TA. 112+08.17, 11.50 RT SAWCUT ANGLI		STA. 112+39.80, 22 ELEV. = 1171.00. END 10' DRIVEWA'		BIE ANG
M M M M M M	UD	- M	<i>UD</i> M					
X. SURVEY MONUMENT	uo7 do ⁻	، ۲۵۵ – ۵۵۲ STA. 112+	.05.45, 22.00'RT.	OF	EX. 15" C INV = 11			
ASPHALT PAVEMENT (TYP.)		ELEV. = 117		001		MLS COD		
MIN. OFF EDGE OF ASPHALT, <i>EX. 4st PVC¹INV¹</i> 1173.9 70 ED WATER MAIN TO BE DR 14 PROPOSED DITCH BACKSLOPE)		A. 112+15.10, 29.34'RT.	ym		ARMAN EX. 15" CM. TO REMAIN REFE		<i>MAILBO ORDINA</i> STA
ATER AND SEWER DISTRICT.	REES/VEGETATION TO 10VED AS REQUIRED 1 ROPOSED DITCH GRAL	FOR El	.ev. = 1170.82. Nd 10' driveway rad. Egin sawcut			AJNE EX. 15" CM. TO REMAIN	INV = 1164.7' IP STM	ELEV. BEGIN END S
		EX. UTILITY POLE				PROPOSED 8" WATER	ER TO PROPOSED RE DATED 4-8-2024	EINFOR FOR SF
	TOR, APPROVED BY B TELEPHONE MARKER	ELMONT COUNTY WA TO REMAIN. CONTRAC	TER AND SEWER DISTI CTOR TO LOCATE ALL T	RICT. TELEPHONE/FIBER	Ex R/W). PROPOSED WATE	R MAIN
		OORDINATE RELOCA	TION IF REQUIRED FOI					
111+	00			112	+00			
OVALS, RELOCATIONS, AND REPLACEMENTS.								
STRUCTION PLANS FOR DETAIL. ASPHALT/CONCRETE (TYP.). EX. DENOTES EXISTING. C/G DENO UCTION. UPON LOCATION, IF ANY UTILITY WILL PREVENT CONS		ER						
DMPANY FOR RELOCATION AND NOTIFY THE ENGINEER IMMED F ANY UTILITIES TO BE INSTALLED PRIOR TO PLACING AGGREC	IATELY.							
TION. MENT WILL REQUIRE COMPACTION TESTING. DWG. DM-1.1.								
RIOR TO CONTRACTOR TO FIELD VERIFY ALL UTILITIES PRIC RIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE TEM								
ED TO SAFELY COMPLETE IMPROVEMENTS WITHOUT IMPACTIN	G EXISTING UTILITY.							
		/- EXISTING	PROFILE AT CONSTRU	ICTION E				
					<u> </u>			
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m m	~						INV = 1150.1'	
1172.8 1172.8 1172.6	1172.3	1172.1	1171.9	1711	1171.3	171.		1171.4

STATE	ROU	TE 149	PRC	FILE	
Scale: 1"	= 20'	Horiz.;	1" =	5' Vert	•

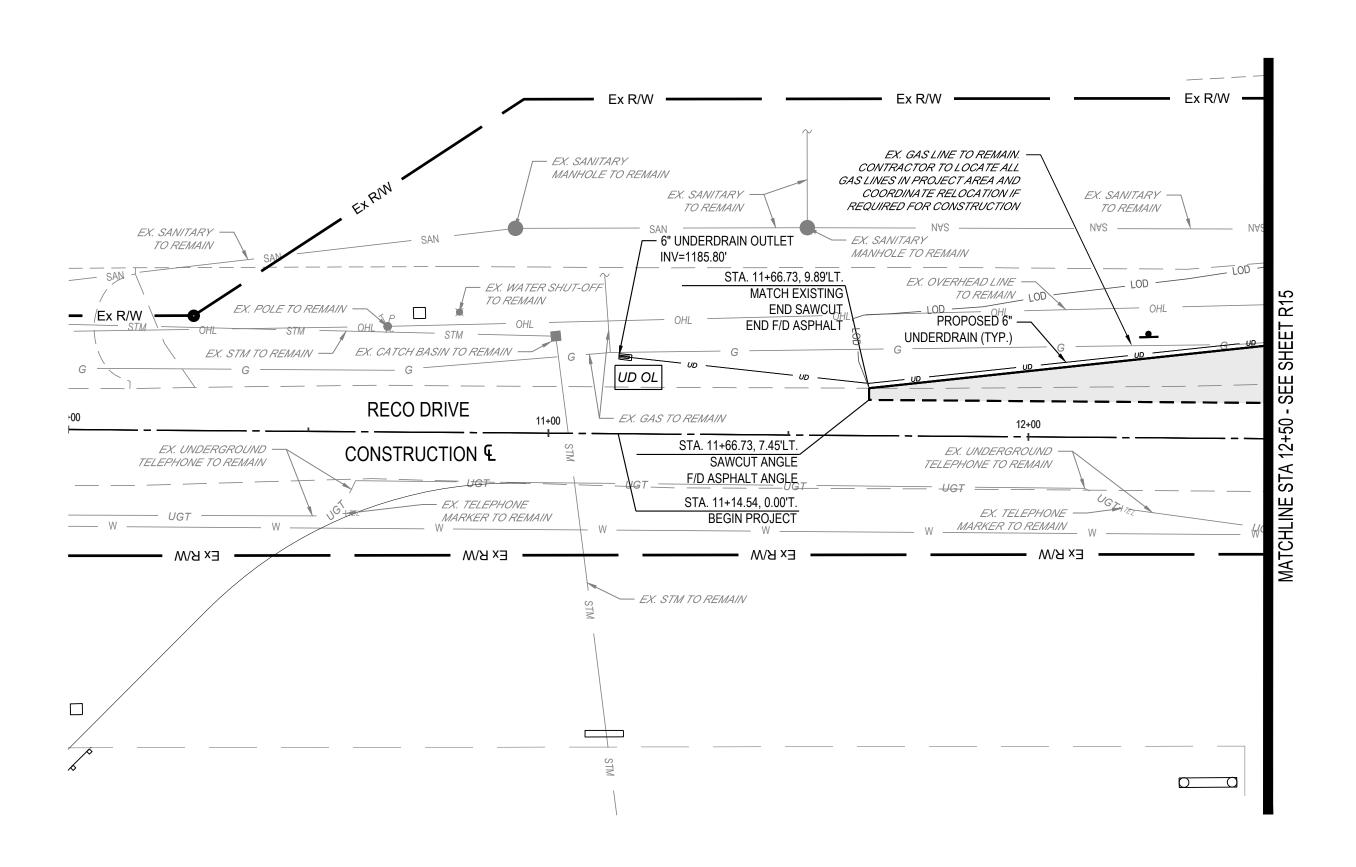




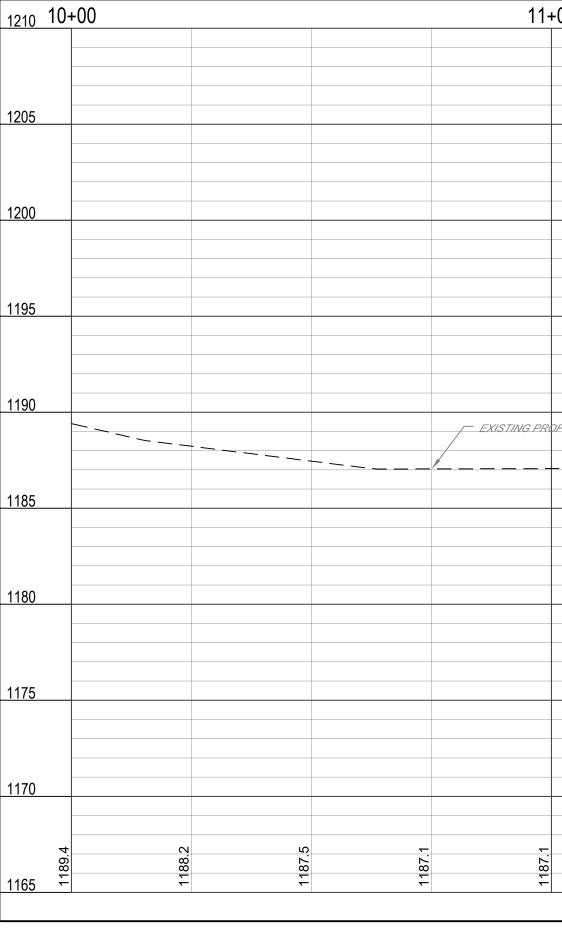
GIN GUARDRAIL		EX. OVERHEAD LINE TO REMAIN	EX. CHANNEL EASEMENT REFER TO PROPOSED REINFORCED SOIL SLOPE (RSS) AND EMBANKMENT SLOPES PLAN BY TERRACON DATED 4-8-2024 FOR SPECIAL EMBANKMENT SLOPE DESIGN	EX. CHANNEL EASEMENT / / EX. WETLAND TO REMAIN. DO NOT DISTURB.	INSTALLED BY C TO COORDINATE DISTURBED UNT EXISTING FM AS DOWN OF EXIST	OR 21 SANITARY FM RELOCATION (4' COVI ERTIFIED CONTRACTOR, APPROVED BY E SANITARY FM INSTALLATION DURING SL IL PROPOSED SANITARY FM IS IN PLACE SHOWN ON PLAN. CONTRACTOR TO COC ING SANITARY FM FOR CONNECTION WIT	BELMONT COUNTY WATER AND SEWER OPE BENCHING, ENSURE EXISTING SA AND OPERATIONAL. CONTRACTOR TO DRDINATE START UP OF PROPOSED SA H BELMONT COUNTY WATER AND SEW	EDISTRICT. CONTRACTOR NITARY FM IS NOT TIE PROPOSED FM INTO NITARY FM AND SHUT		
SITE GUARDRAIL DERGROUND TELEPH ATED AS NEEDED FOI RUCTION. CONTRACT E PRIOR TO CONSTRUE WAY IMPROVEMENTS RIW BO THO UNATE AS NEEDED TO WAY IMPROVEMENTS RW CO THO CO CO CO CO CO CO CO CO CO CO CO CO CO	R FOR TO UCTION AND D COMPLETE (TYP) CHO RAW OT OT CHO RAW OT OT CHO RAW OT OT CHO RAW OT OT CHO RAW OT OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT CHO COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT COMPLETE RAW OT CHO COMPLETE RAW OT CHO COMPLETE RAW OT CHO COMPLETE RAW OT CHO CHO CHO CHO CHO CHO CHO CHO	AIN NAS	FROM STA. 115+73 TO STA. 117+35.	EX RIN EX RIN OVERHEAD TO REMAIN THO THO THO THO THO THO THO THO	AREA AND CO CONTRACTOR PLACING GUA EX RV STA. 117+19.80, 38.00'LT. BEGIN 25' GUARDRAIL RAD. 7H0 7H0 A. 117+22.28, 34.00'LT. BECIN TABED EX. 24	SPLICE STA. 117- SPLICE TO E	R CONSTRUCTION N DEPTH PRIOR TO PROJECT (TYP.) DSED GUARDRAIL, TYPE MGS TO TIE INTO EXISTING GUARDRAIL +75.65, 29.38'LT. EX. GUARDRAIL EX. GUARDRAIL	7НО 7Н <i>12" SAN TO</i> <i>REMAIN</i> Ex R/W	10	0 10 20 40 RAPHIC SCALE (IN FEET)
34.00'LT. 168' RAD. BORAIL TO BE REMOVE	DONATION - EX. 8" SAN FM TO BE RELOCATED. ABANDON WII 		PROPOSED GUARDRAIL, TYPE MGS PROPOSED 6" UNDERDRAIN (TYP.)		17+25.63, 37.31'LT. GUARDRAIL RAD. EPOXY-COATED MJ SLEEVE W 90	STA. 117+75.65, 21.21'LT.		X. SANITARY NYS. A TO REMAIN SUBJECT EX. SU WHITTE	NWS -	
38.00'LT. AIL RAD. PROJECT TRUCTION 116+00	AWCUT LINE —	ex. edge of aggregate to be removed .R. 149	ASPHALT BE PAVEMENT (TYP.) ABAND 117+00		+50.11, 31.44'LT. ST.	<i>TO REMAIN</i> Z <i>EX. 24" HDPE STM TO REMAIN</i> STA. 117 A. 117+67.63. 29.38'LT.	- EX. ASPHALT TO REMAIN 7+75.67, 14.34'LT. SAWCUT ANGLE ASPHALT ANGLE			CALCUL
ATE ALL WATER LINES ORDINATE RELOCATION EX. SUM	EX. EDGE C TO BE REMA DERDRAIN (TYP.) M OPERDRAIN (DIVED UD UD UD UD UD UD UD UD UD U	OPOSED ASPHALT PAVEMENT (TYP.) F/D	ABANDO	TER MAIN TO BE DNED IN PLACE	TA. 117+75.67, 0.00'T. END PROJECT EX. ASPHALT TO REMAIN EX. STORM MANHOLE TO REMAIN	TM TO REMAIN IDN EX. WATER MAIN TO BE ABANDONED IN PLACE OOT CONT OOT CONT C	EX. STM TO EX. CATCH BASIN TO REMAIN EX. SURVEY EX. SURVEY EX	MONUMENT WIS M LON dot LON dot LON dot LSN M dot LSN LSN LSN LSN LSN LSN LSN LSN	114+00 TO STA. 119+50 149
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116+00	0		117+00			118+00		119+00	119+50	
STRUCTION PLANS FO ASPHALT/CONCRETE UCTION. UPON LOCA OMPANY FOR RELOCA F ANY UTILITIES TO B ATION. MENT WILL REQUIRE DWG. DM-1.1. R DISTRICT. CONTRAC RIOR TO CONSTRUCT	S, AND REPLACEMENTS. OR DETAIL. (TYP.). EX. DENOTES EXISTING TION, IF ANY UTILITY WILL PREV ATION AND NOTIFY THE ENGINE BE INSTALLED PRIOR TO PLACIN COMPACTION TESTING. CTOR TO FIELD VERIFY ALL UTII TION. CONTRACTOR TO COORD LETE IMPROVEMENTS WITHOUT	VENT CONSTRUCTION OF EER IMMEDIATELY. IG AGGREGATE BASE. LITIES PRIOR TO CONSTRUC INATE TEMPORARY SHUT E	CTION. DOWN OF	Image: Constraint of the sector of the se						
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			Horiz.; $1" = 5'$ Vert.							R31

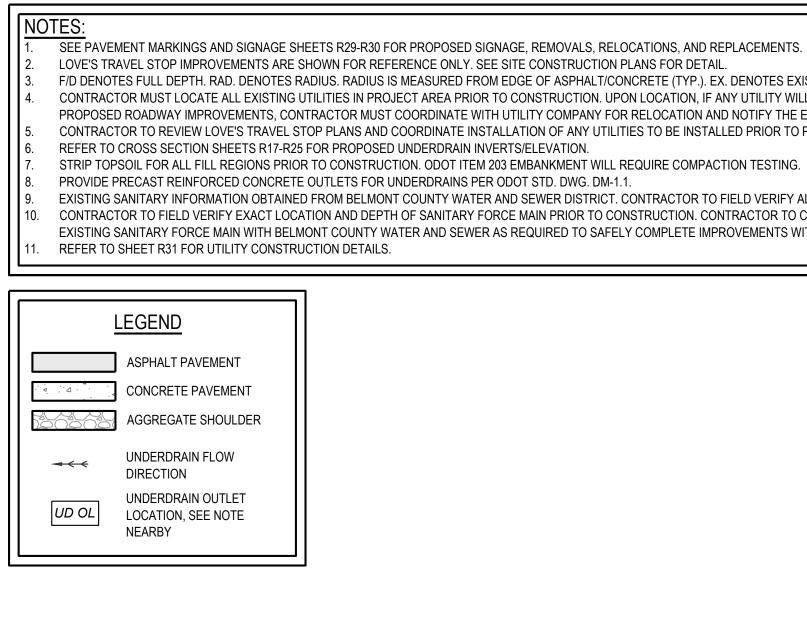


122	2+00	123+00								24+00			
						STC	DRM	SEWER STRU	CTURE	SCHEDULE			
MOVALS, RELOCATIONS, AND REPLACEMENTS. NSTRUCTION PLANS FOR DETAIL. F ASPHALT/CONCRETE (TYP.). EX. DENOTES EXISTING. C/G DENOTES CURB AND GUTTER IRUCTION. UPON LOCATION, IF ANY UTILITY WILL PREVENT CONSTRUCTION OF				NO.		STRUCTU	RE		GRATE	INVERT	STATION/OFF	SET	
				R1	CATCH	H BASIN NO.3A PER OL	DOT S	SCD CB-3A	1192.01	1189.28 (12") N	STA. 123+43.57, 3	33.89'LT.	
				R2	HALF-I	IALF-HEIGHT HEADWALL PER C		OOT SCD HW-2.2		1188.60 (12") S	STA. 124+31.25, 36.15'LT.		
OF ANY UTILITIES	ELOCATION AND NOTIFY THE ENGINEER IMME TO BE INSTALLED PRIOR TO PLACING AGGR												
VATION. JKMENT WILL REQI	UIRE COMPACTION TESTING.												
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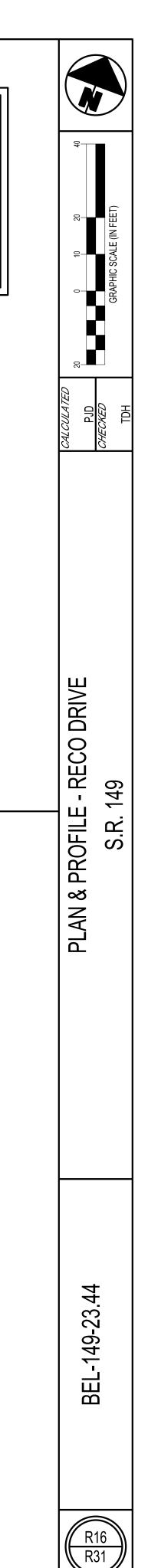
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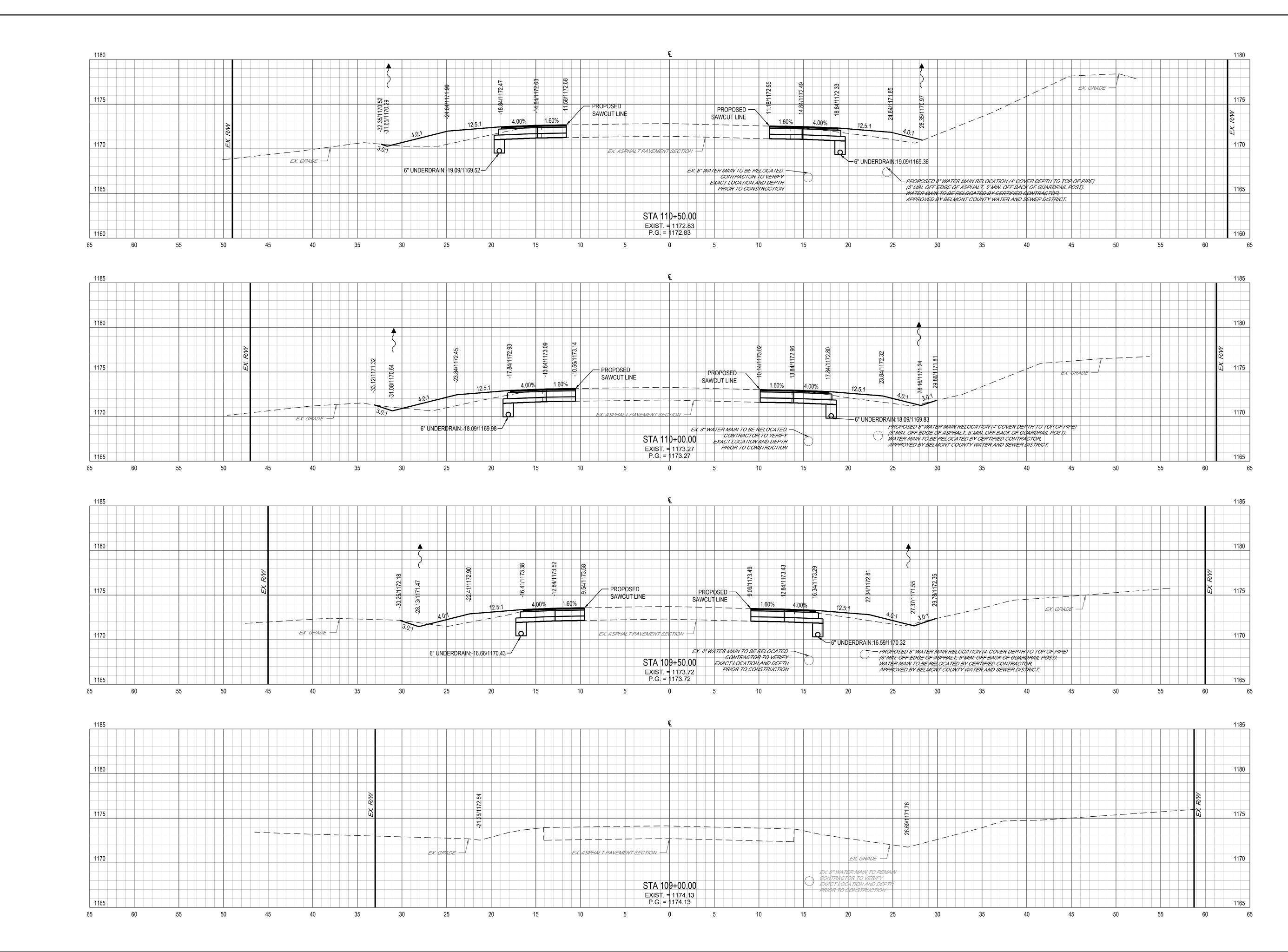
SEE PAVEMENT MARKINGS AND SIGNAGE SHEETS R29-R30 FOR PROPOSED SIGNAGE, REMOVALS, RELOCATIONS, AND REPLACEMENTS.

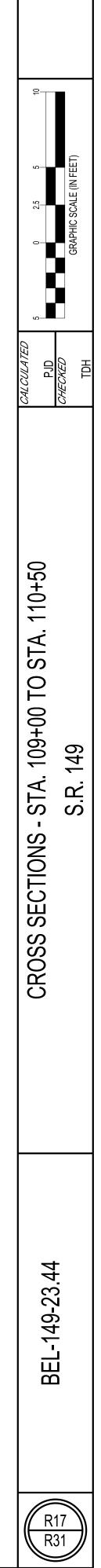
F/D DENOTES FULL DEPTH. RAD. DENOTES RADIUS. RADIUS IS MEASURED FROM EDGE OF ASPHALT/CONCRETE (TYP.). EX. DENOTES EXISTING. C/G DENOTES CURB AND GUTTER CONTRACTOR MUST LOCATE ALL EXISTING UTILITIES IN PROJECT AREA PRIOR TO CONSTRUCTION. UPON LOCATION, IF ANY UTILITY WILL PREVENT CONSTRUCTION OF

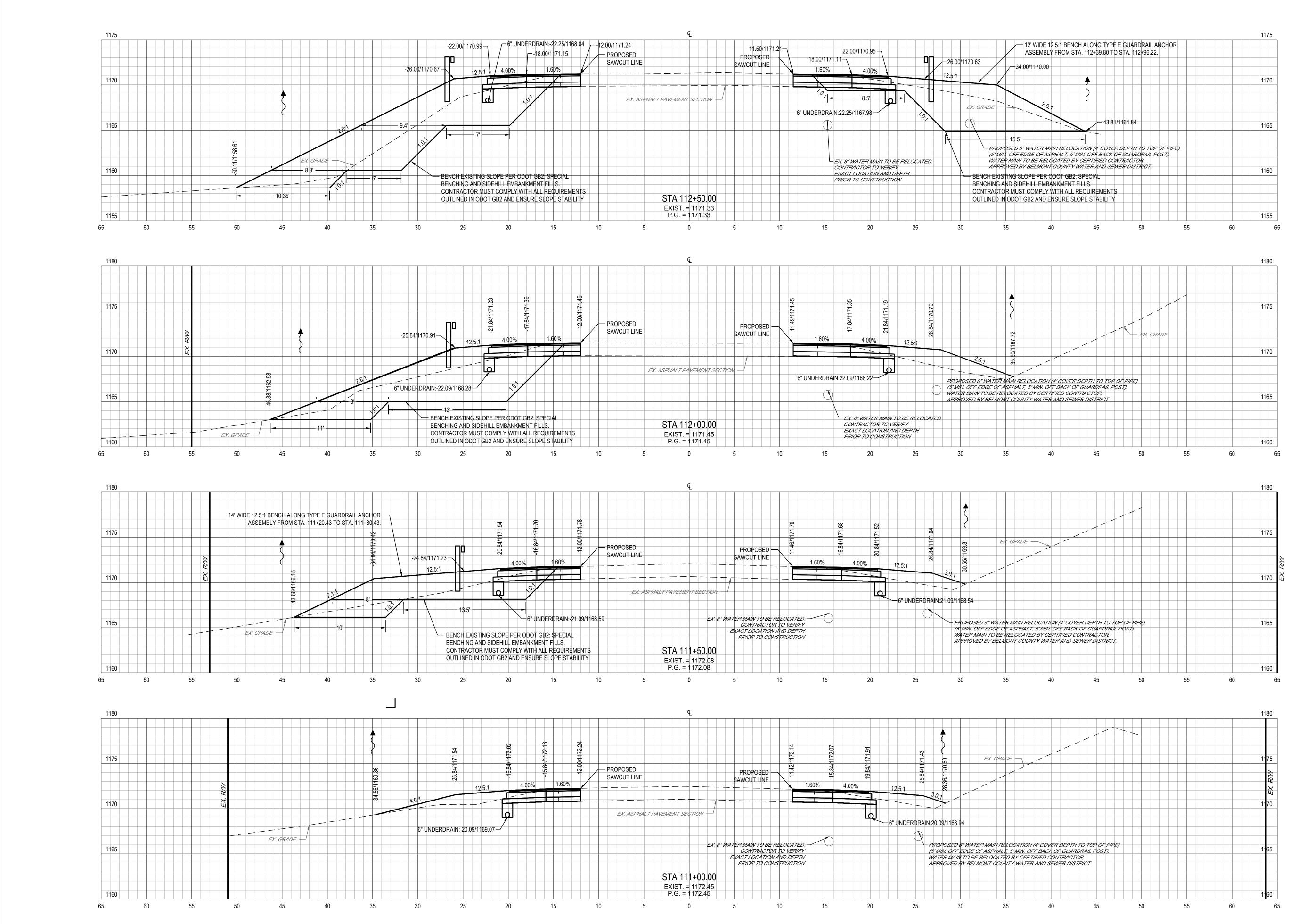
PROPOSED ROADWAY IMPROVEMENTS, CONTRACTOR MUST COORDINATE WITH UTILITY COMPANY FOR RELOCATION AND NOTIFY THE ENGINEER IMMEDIATELY. CONTRACTOR TO REVIEW LOVE'S TRAVEL STOP PLANS AND COORDINATE INSTALLATION OF ANY UTILITIES TO BE INSTALLED PRIOR TO PLACING AGGREGATE BASE.

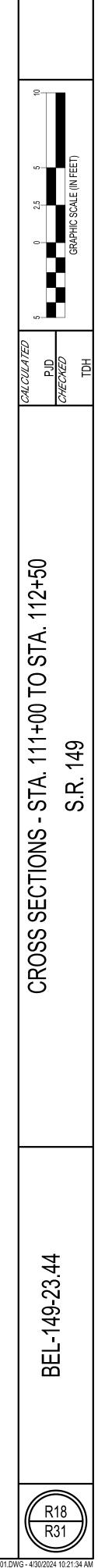
EXISTING SANITARY INFORMATION OBTAINED FROM BELMONT COUNTY WATER AND SEWER DISTRICT. CONTRACTOR TO FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION AND DEPTH OF SANITARY FORCE MAIN PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE TEMPORARY SHUT DOWN OF EXISTING SANITARY FORCE MAIN WITH BELMONT COUNTY WATER AND SEWER AS REQUIRED TO SAFELY COMPLETE IMPROVEMENTS WITHOUT IMPACTING EXISTING UTILITY.



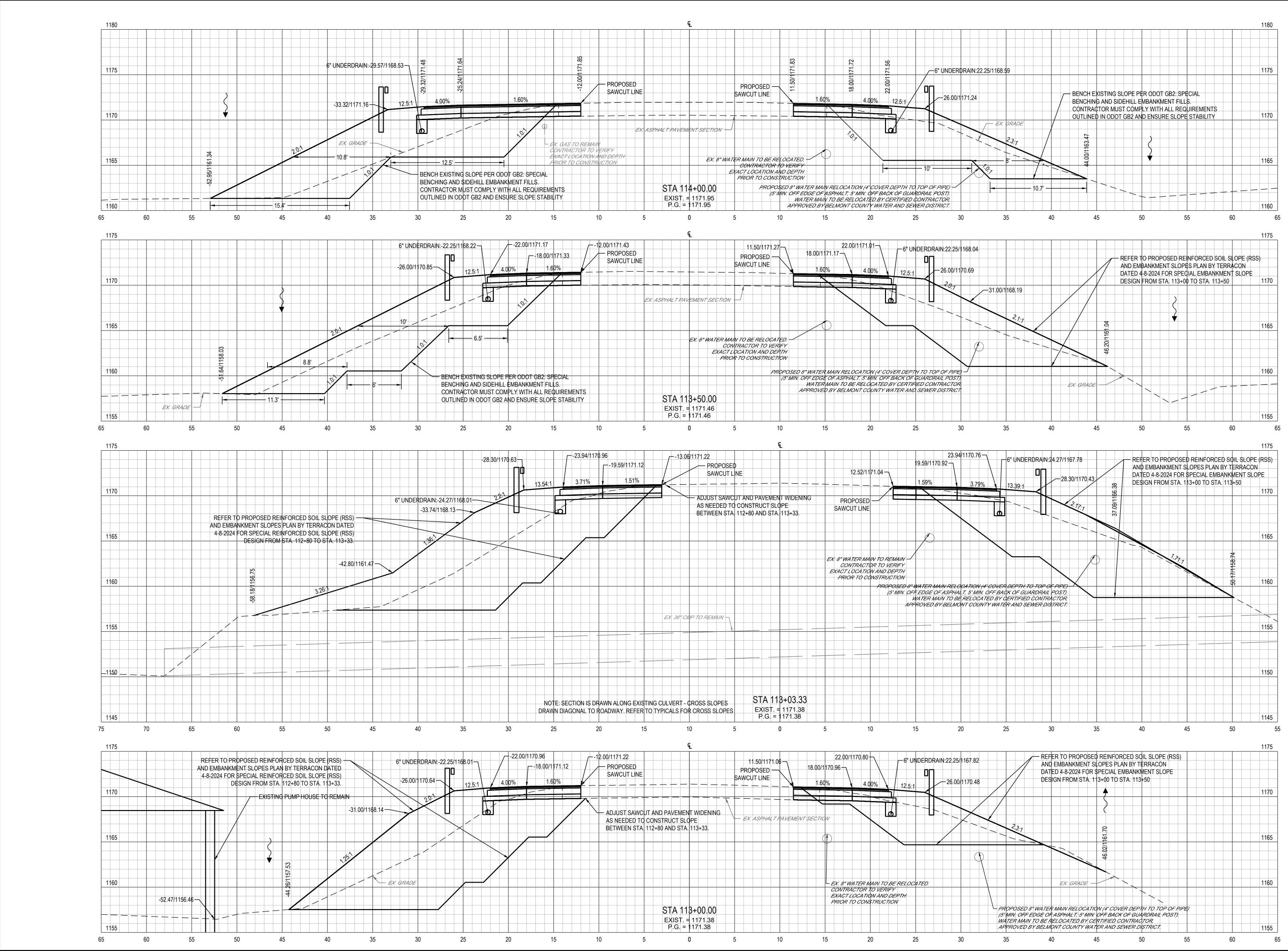


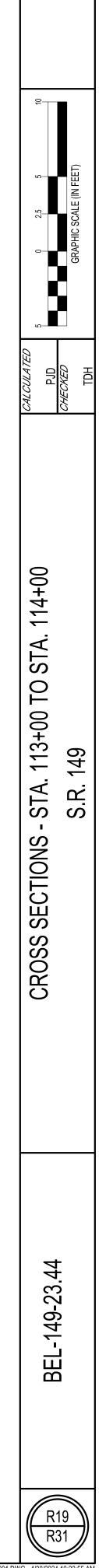




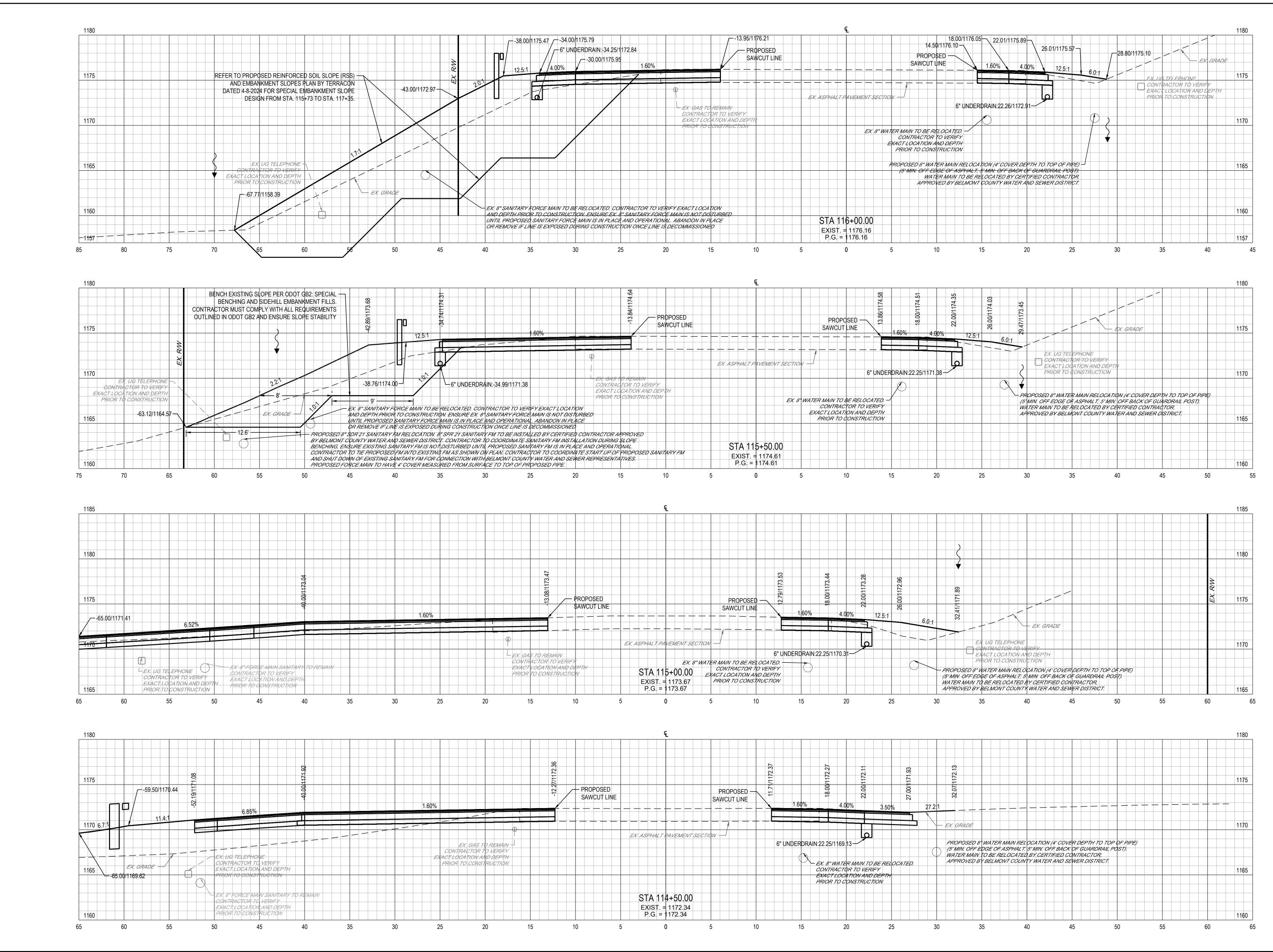


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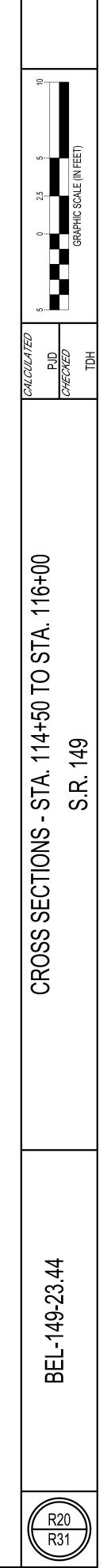




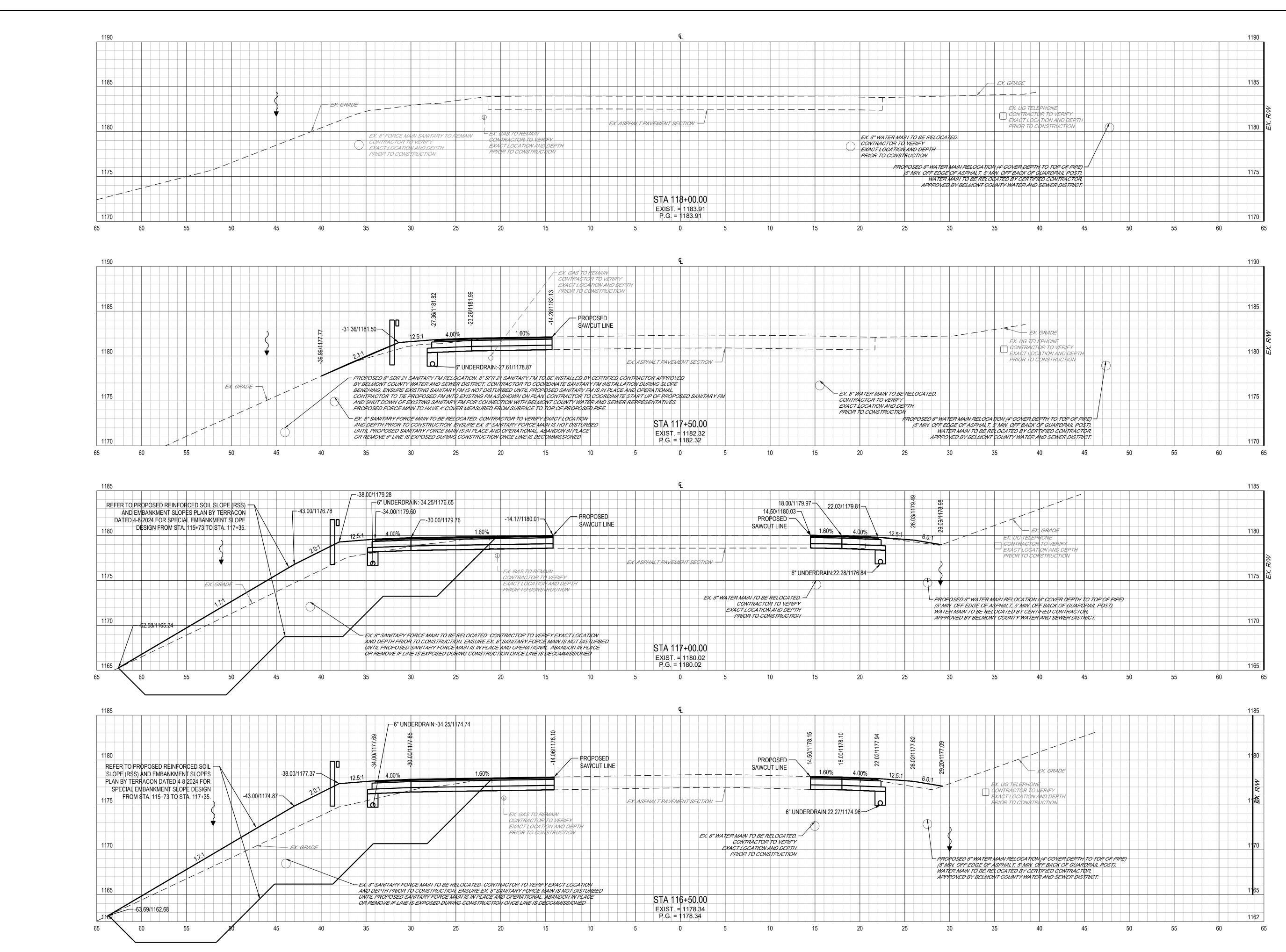
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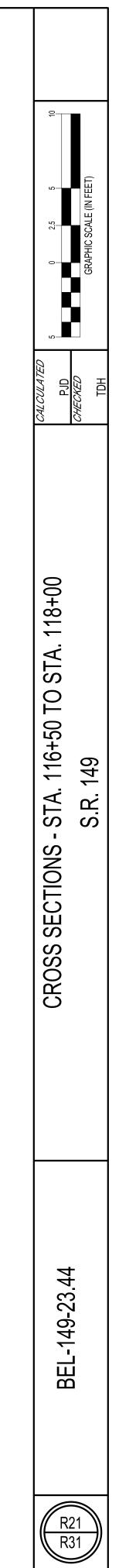


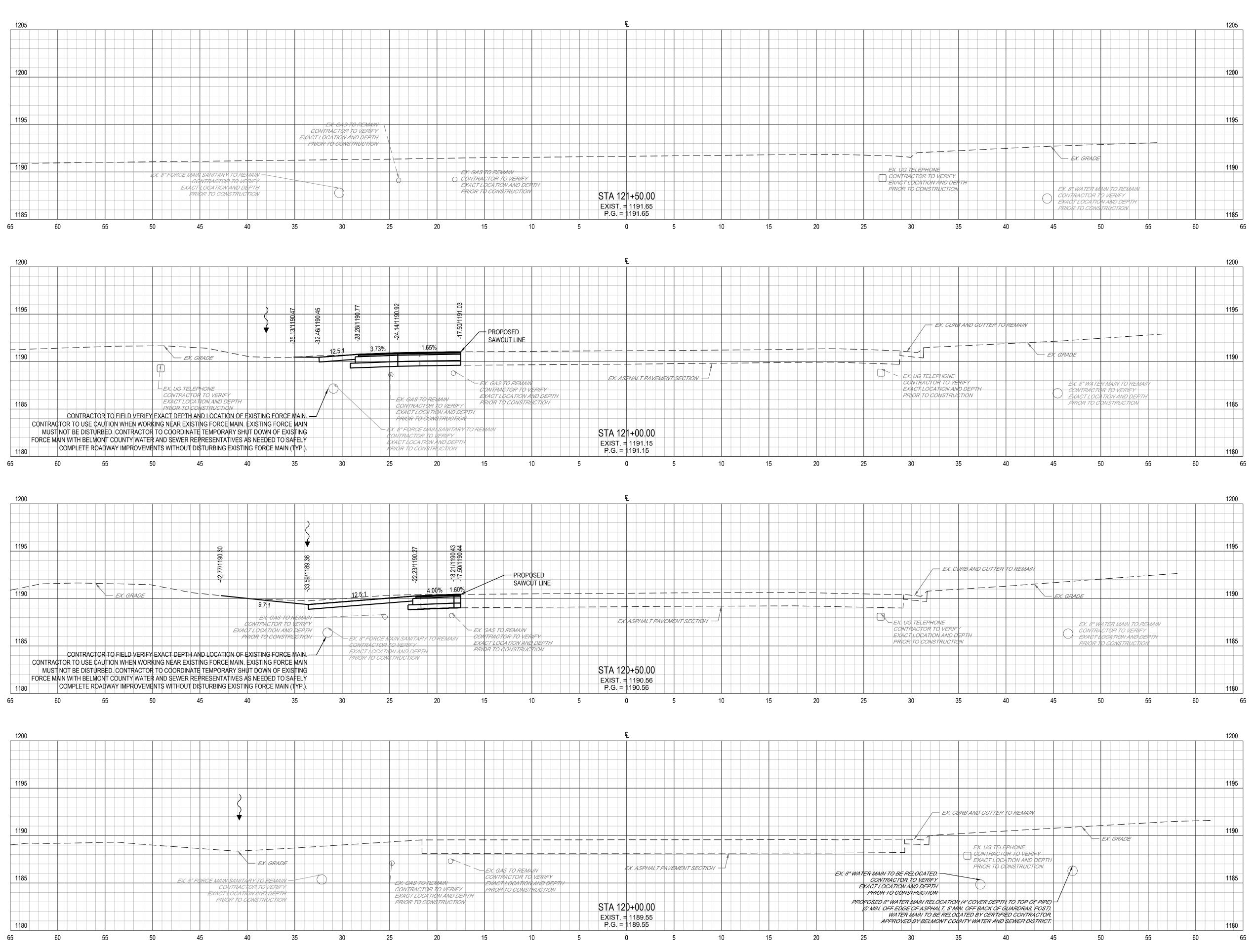


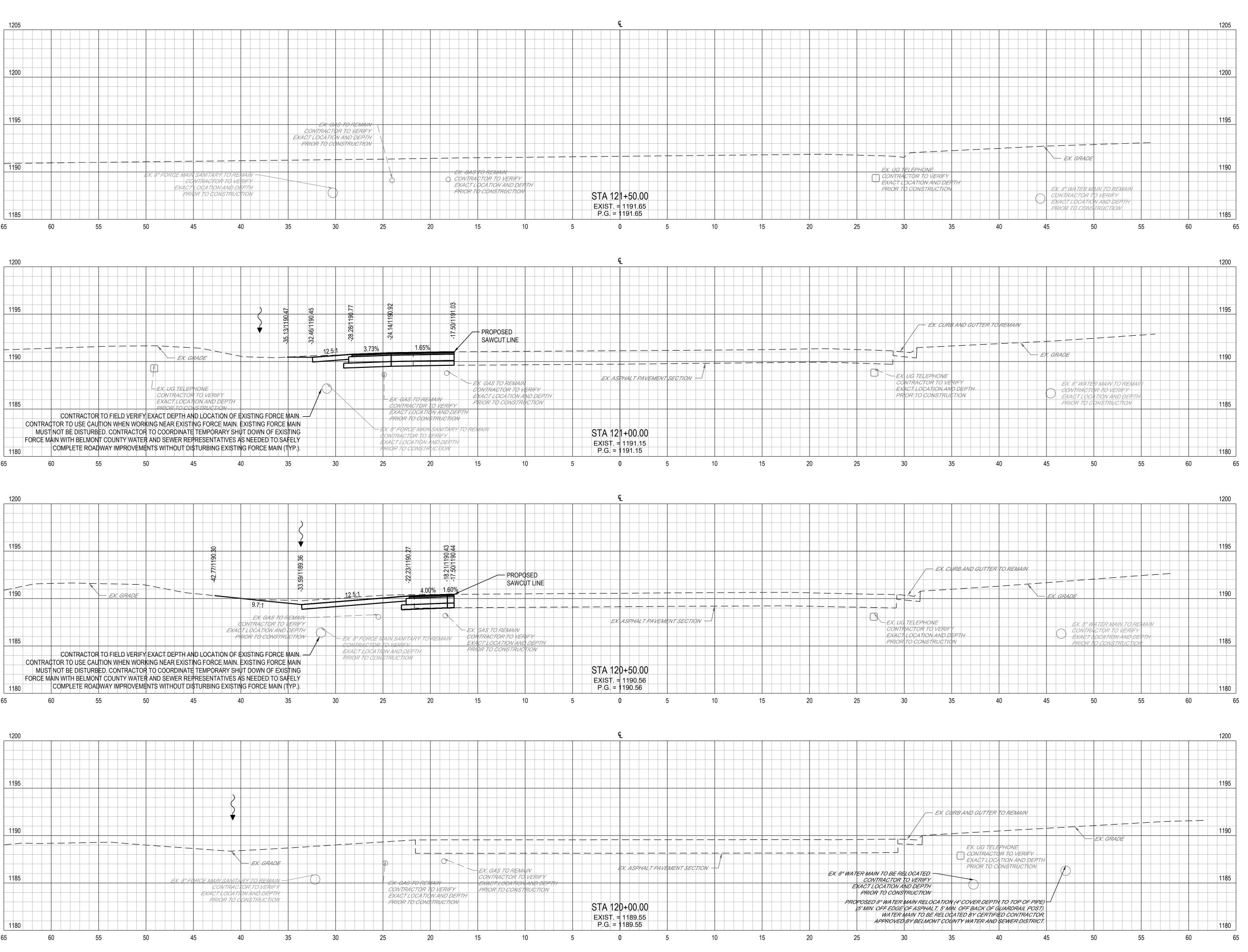


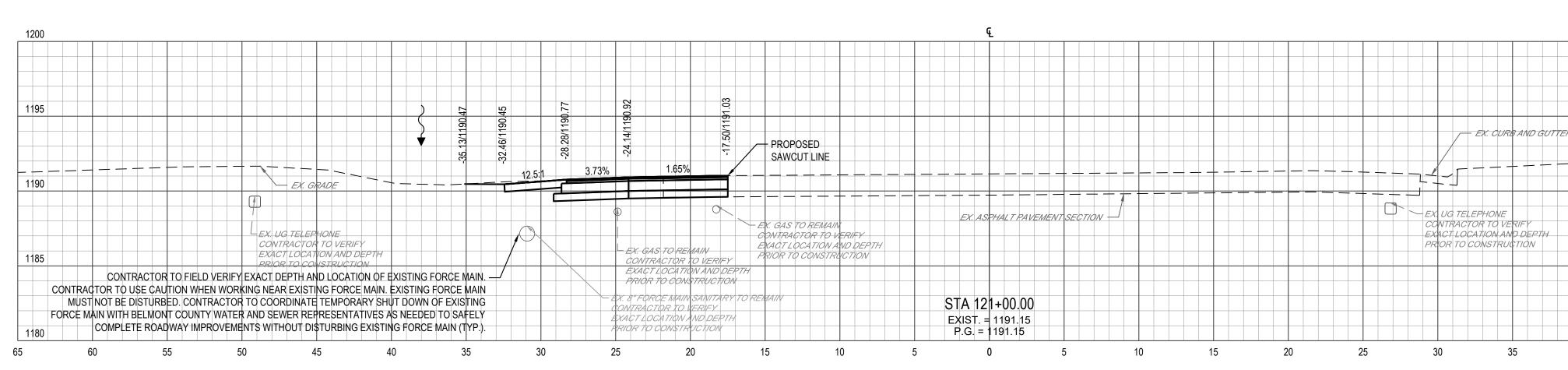
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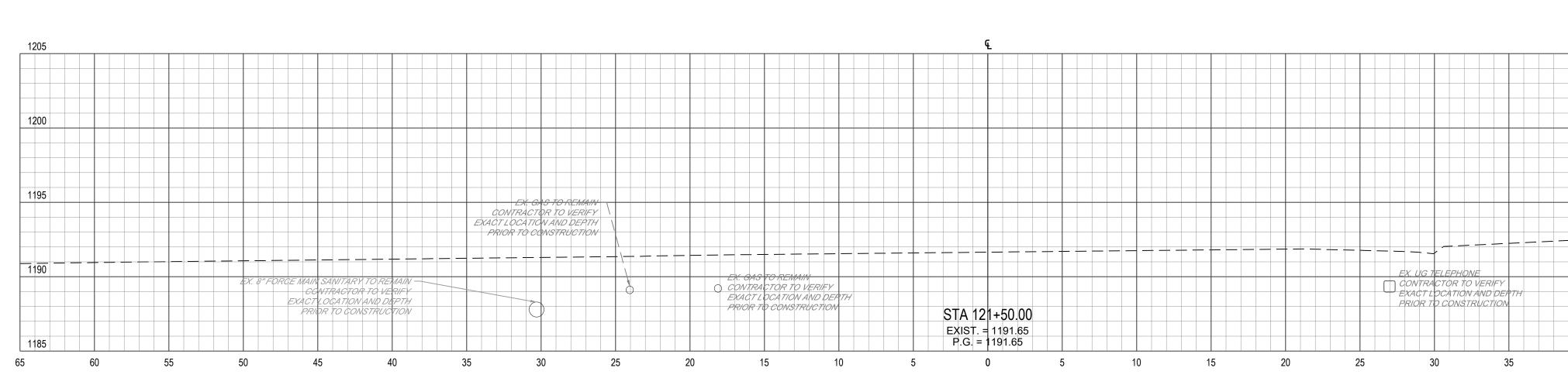


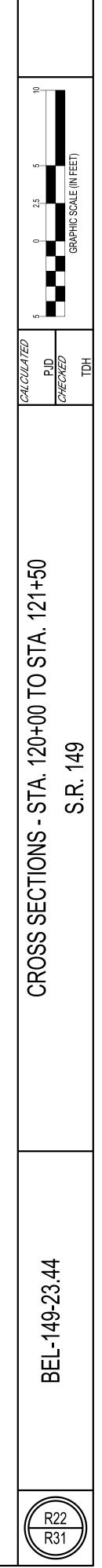


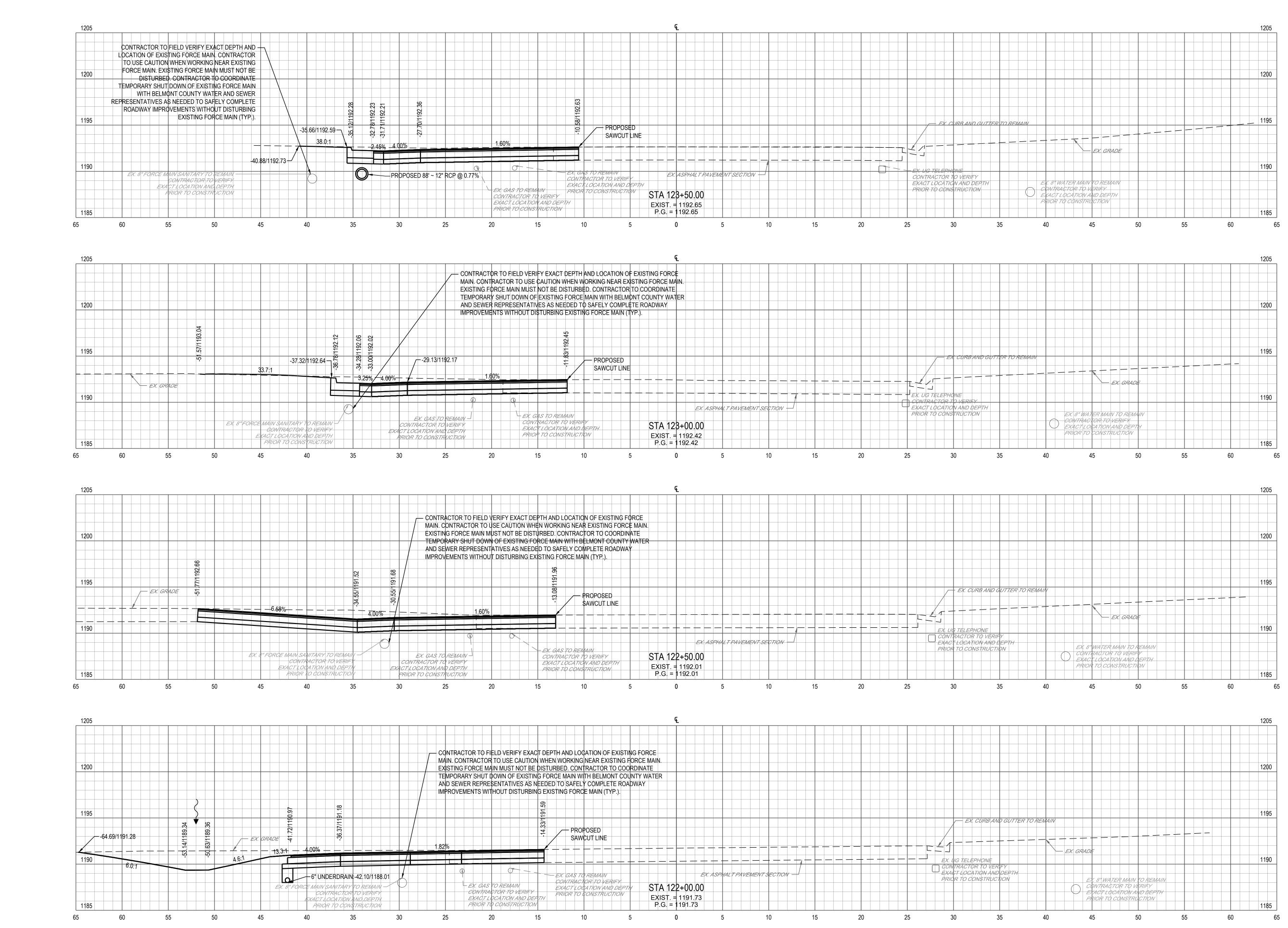




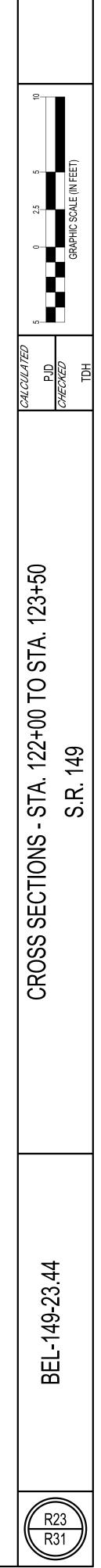




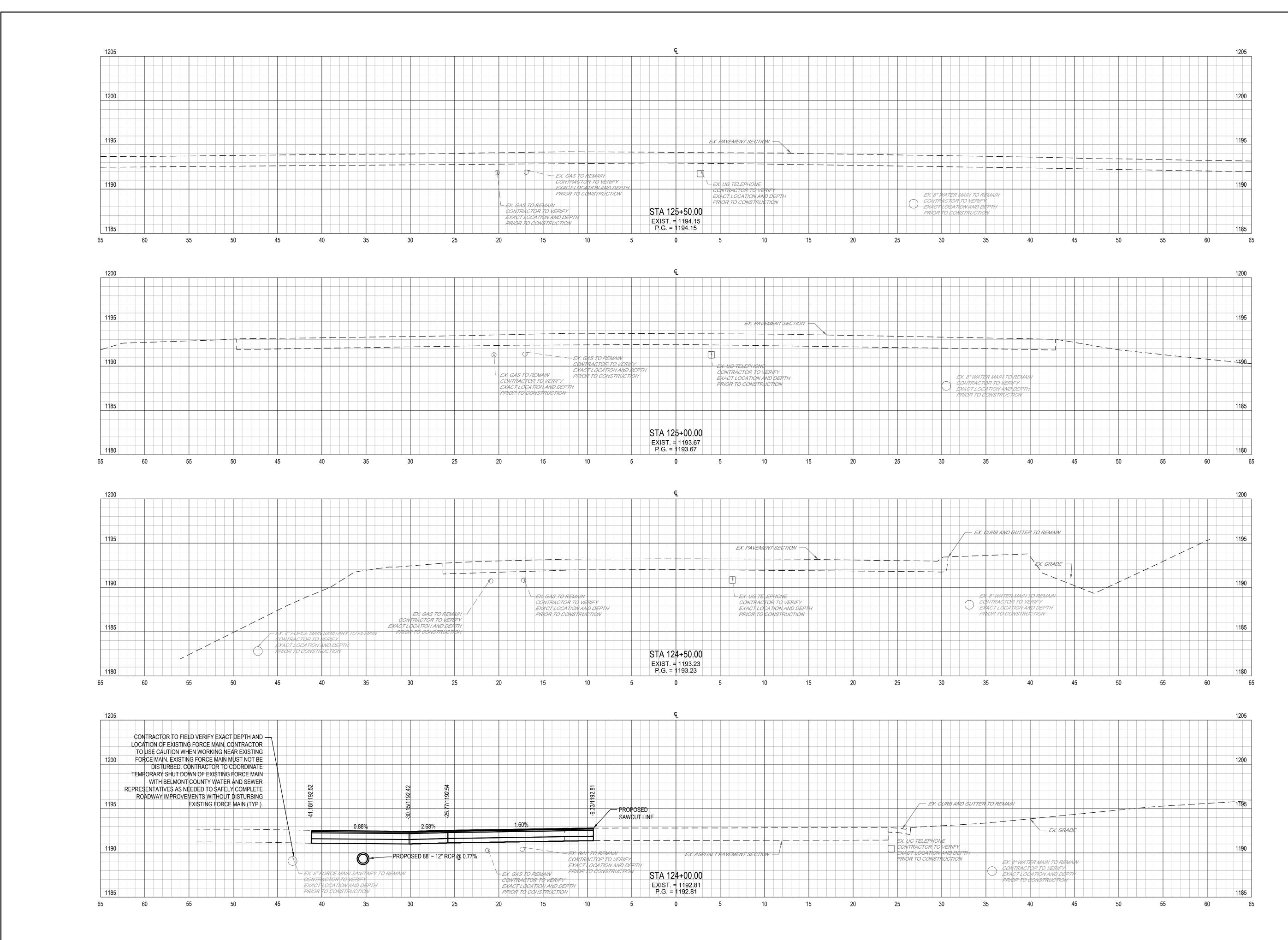


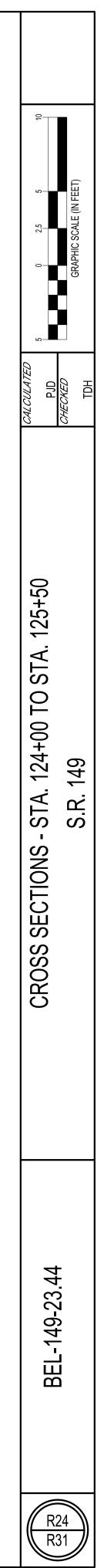


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OR TO FIELD VERIFY EXACT	DEPTH AND LOCATION OF EXI	ISTING FORCE									
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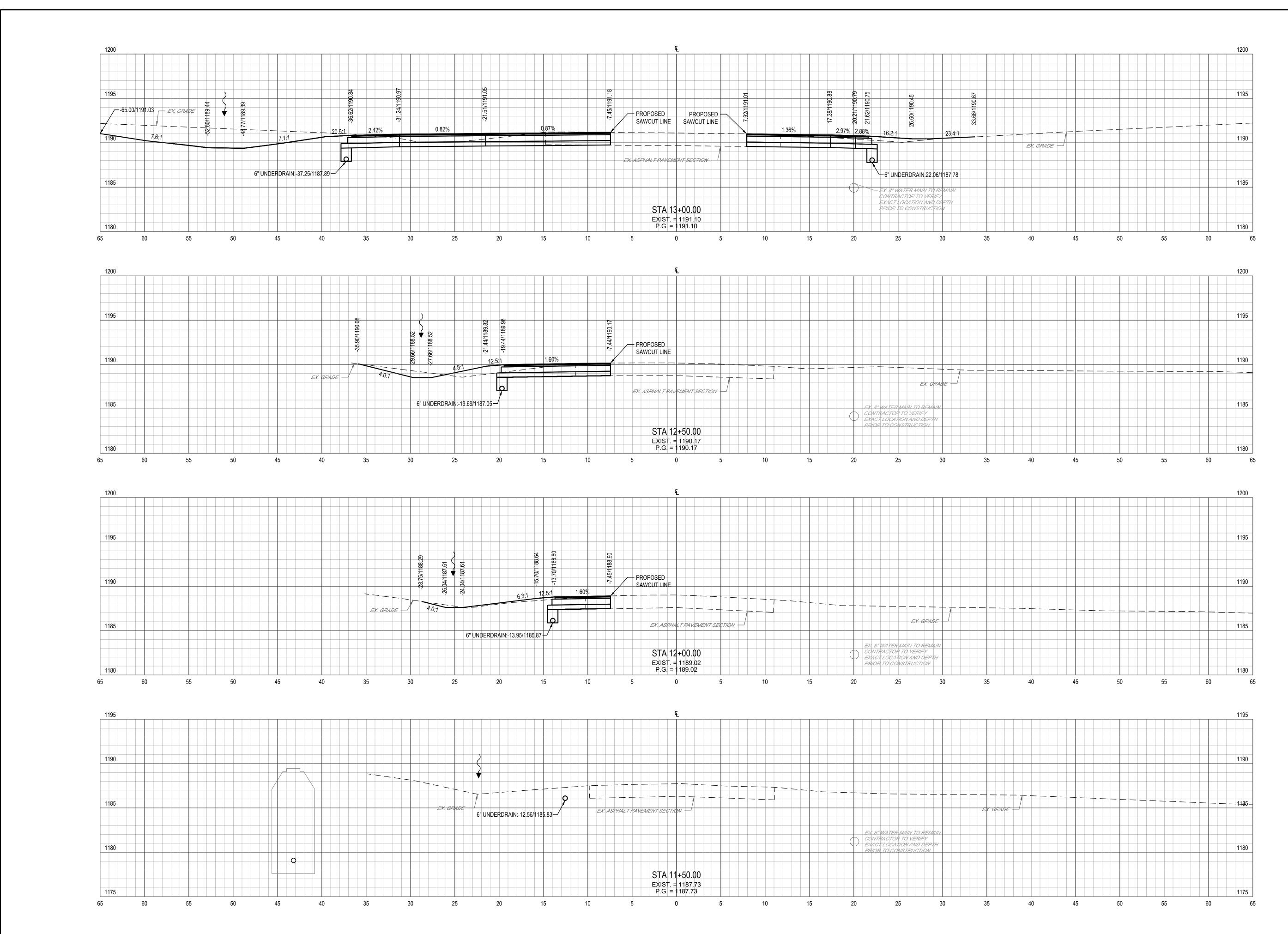


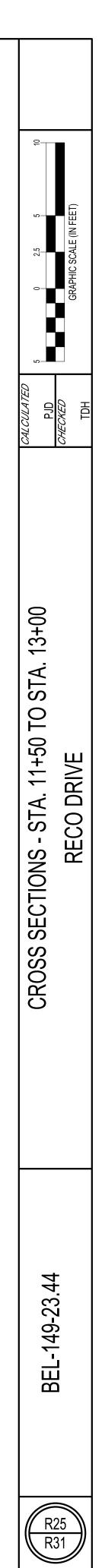
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