

WESTCHESTER COUNTY

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY
MADE BY SAMANTHA J. ANELLO

PROFESSIONAL SEAL

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APPROVED CODE COMPLIANCE REVIEW & RECOMMENDED FOR CONSTRUCTION
DATE
JOSEPH J. NICOLETTI, P.E.
COUNTY BUILDING INSPETOR
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

Westchester
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT 20-510

REHABILITATION OF FARRAGUT AVENUE (C.R.#151)
FROM THE FENWAY TO BROADWAY
A TOTAL DISTANCE OF APPROXIMATELY 0.74 MILES
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK

SHEET NO.

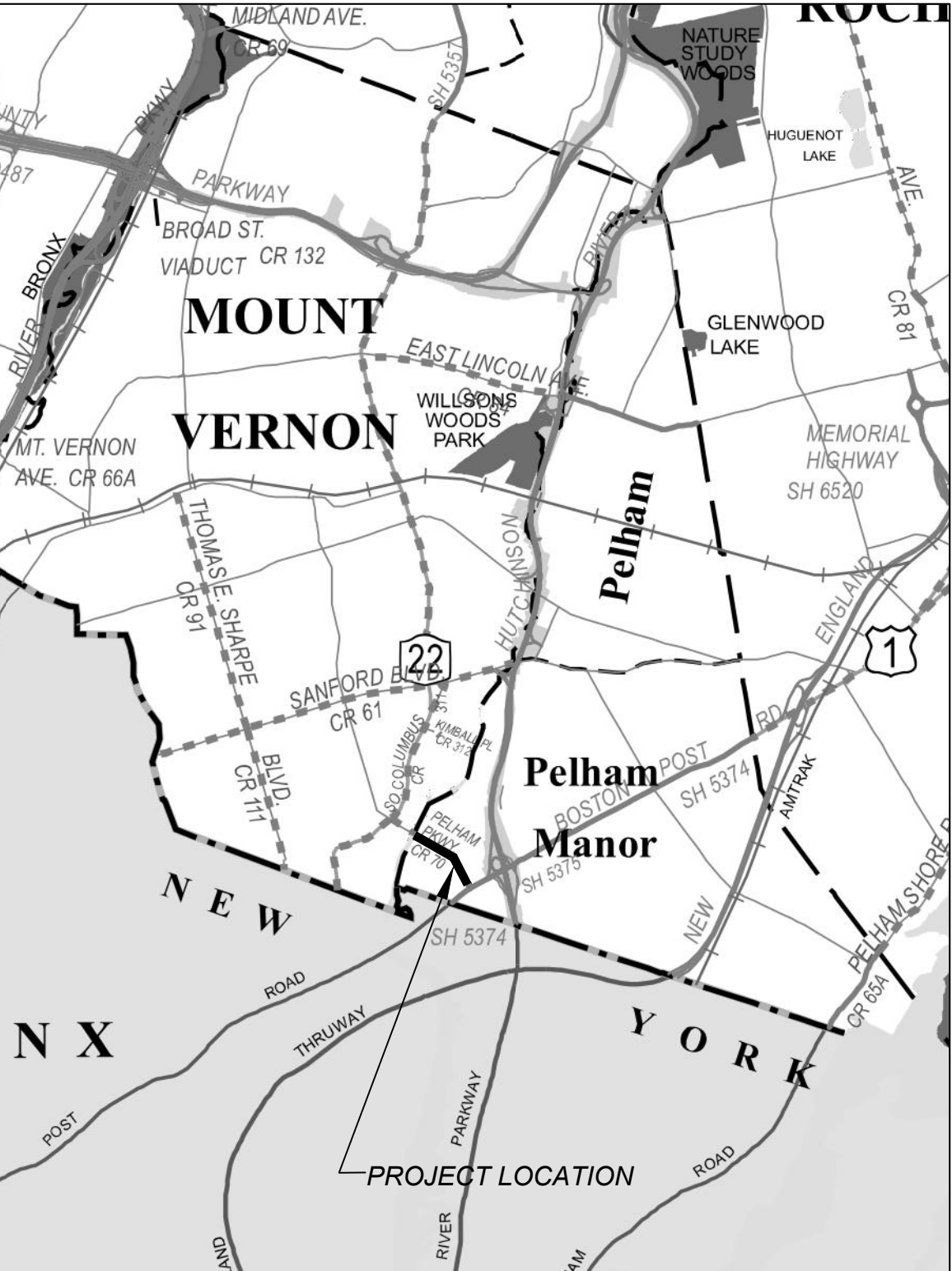
SHEET TITLE

DPW FILE NO.

G-001	TITLE SHEET	XX-XX-T-XX-0
G-002 - G-003	GENERAL NOTES AND ITEM LIST	XX-XX-G-XX -0 - XX-XX-G-XX -0
G-004	TYPICAL SECTIONS	XX-XX-G-XX -0
S-001 - S-009	SITE PLANS	XX-XX-S-XX-0 - XX-XX-S-XX-0
P-001 - P-009	ROADWAY PROFILES	XX-XX-S-XX-0 - XX-XX-S-XX-0
XS-001 - XS-009	ROADWAY CROSS SECTIONS	XX-XX-S-XX-0 - XX-XX-S-XX-0
D-001 - D-005	CONSTRUCTION DETAILS	XX-XX-R-XX-0 - XX-XX-R-XX-0
T-001 - T-006	CONTROL & MAINTENANCE OF TRAFFIC	XX-XX-R-XX-0 - XX-XX-R-XX-0

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
STANDARD DETAIL SHEETS REFERENCED & INCORPORATED HEREIN:

SHEET NUMBER	PAGES	SHEET NAME
608-01	1 - 12	SIDEWALK CURB RAMP DETAILS
680-14	1 & 2	INDUCTANCE LOOP VEHICLE DETECTOR INSTALLATION DETAILS
685-01	1, 2, 6 & 8	PAVEMENT MARKING DETAILS
619-10	1	WORK ZONE TRAFFIC CONTROL GENERAL NOTES
619-11	1	WORK ZONE TRAFFIC CONTROL LEGEND & NOTES
619-30	1	SINGLE LANE CLOSURE MULTI LANE HIGHWAY
619-51	1	CROSSWALK CLOSURE AND PEDESTRIAN DETOUR
619-61	1	FLAGGING OPERATION 2-LANE 2-WAY ROADWAY INTERSECTION



LOCATION MAP
SCALE: N.T.S.

CONSULTANT SEAL		CONSULTANT INFORMATION	
JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1		M M MOTT MACDONALD Mott MacDonald NY Inc. 800 Westchester Avenue, Suite N-641 Rye Brook, New York 10573 Tel: 914.292.1810 Fax: 914.292.1811 Certificate No. 0013600	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME	NAME	DATE	
SIGNATURE	SIGNATURE		
TITLE	TITLE		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER G-001
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SHEET TITLE		SHEET NO. 1 OF 35 SCALE: AS SHOWN DATE: 11/16/2021 DPW FILE NO. XX-XX-T-XX	
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RECOMMENDED FOR DESIGN DATE ANTHONY J. VENTAROLA, P.E. ASSOCIATE ENGINEER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	RECOMMENDED FOR CONSTRUCTION DATE ROBERT S. DONNELLY, P.E. DIRECTOR OF DESIGN COORDINATION DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	RECOMMENDED FOR CONSTRUCTION DATE GAYLE M. KATZMAN, P.E. FIRST DEPUTY COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	APPROVED FOR CONSTRUCTION DATE HUGH J. GREECHAN, JR., P.E. COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
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GENERAL NOTES

1. CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS" INCLUDING ALL AMENDMENTS, ADDENDA AND ERRATA. PAY ITEMS SHALL BE IN ENGLISH UNITS, AS INDICATED IN CONTRACT PROPOSAL.
2. THE CONTRACTOR IS TO VISIT THE SITE BEFORE BIDDING, TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO JUDGE FOR HIMSELF THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF THE CONTRACTOR'S FAILURE TO INCLUDE IN HIS BID ALL ITEMS AND MATERIALS WHICH HE IS REQUIRED TO FURNISH. IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR IS ADVISED THAT HE SHOULD HAVE IN HIS POSSESSION, A SET OF CONTRACT PLANS/PROPOSAL FOR IDENTIFICATION PURPOSES WHEN CONDUCTING THIS SITE VISIT.
3. WORK PERTAINING TO MODIFICATIONS, AS MAY BE REQUIRED, DUE TO ANY DIFFERENCE BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN BY THE DETAILS AND DIMENSIONS ON THE CONTRACT PLANS, WILL BE PAID AT THE UNIT BID PRICE FOR THE ACTUAL QUANTITIES OF MATERIALS USED OR FOR THE WORK PERFORMED, AS INDICATED BY THE VARIOUS ITEMS IN THE CONTRACT.
4. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING FACILITIES CAUSED BY HIS OPERATION WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGES TO THE EXISTING FACILITIES WHICH ARE NOT PART OF THE INTENDED WORK SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT COST TO THE COUNTY, AND TO THE SATISFACTION OF THE ENGINEER.
5. THE CONTRACTOR SHALL PROTECT HIS WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
6. THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES" WHILE PERTAINING TO THE SPECIFIC SHEETS ON WHICH THEY ARE PLACED, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN. NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT ITEM IS INDICATED, SHALL BE INCLUDED IN THE UNIT PRICES BID FOR VARIOUS ITEMS OF THIS CONTRACT.
7. ACCESS TO ALL ADJOINING FACILITIES SHALL BE MAINTAINED AT ALL TIMES WHERE REASONABLY POSSIBLE. PROPERTY MANAGER/OWNERS MUST BE NOTIFIED IN ADVANCE OF ANY TEMPORARY DRIVEWAY CLOSURES.
8. LIMITING STATIONS DESIGNATED BY THE CONTRACT DOCUMENTS (I.E. TYPICAL SECTIONS) ARE APPROXIMATE AND MAY VARY IN THE FIELD.
9. NO NIGHT WORK IS TO BE PERMITTED.
- MISCELLANEOUS
1. AREAS BEYOND THE WORK LIMITS DISTURBED FOR ANY REASON, BY THE CONTRACTOR AND HIS EMPLOYEES, SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CAN NOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER AVAILABLE INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS AND AS DIRECTED BY THE ENGINEER.
3. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
4. A.O.B.E. INDICATES WORK TO BE PERFORMED AS ORDERED BY ENGINEER.
5. THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS WITHIN THE TIME PERIODS AND STAGING LIMITS SHOWN ON THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN SHEETS AND NOTES.
- PAVING AND MILLING
1. TACK COAT - IN ADDITION TO THE DISTRIBUTOR EQUIPMENT DESCRIBED IN THE SPECIFICATIONS, SMALL POWER SPRAY UNITS OR HAND-HELD SPRAY EQUIPMENT, AS APPROVED BY THE ENGINEER, MAY BE USED IN THE AREAS WHERE USE OF THE DISTRIBUTOR IS IMPRACTICAL, SUCH AS NARROW IRREGULAR AREAS, INTERSECTIONS AND OTHER LOCATIONS WHERE TRAFFIC MUST BE ALLOWED TO CROSS THE PAVEMENT.
2. TACK COAT SHALL BE APPLIED TO ANY ASPHALT CONCRETE PAVEMENT EXCEPT WHEN THE EXISTING SURFACE CONDITION IS DEEMED UNSATISFACTORY, AS DETERMINED BY THE ENGINEER.
3. IN ADDITION, TACK COAT SHALL BE APPLIED TO CONTACT SURFACES BETWEEN ALL ASPHALT PAVEMENT LIFTS REGARDLESS OF TIME PERIOD BETWEEN LIFTS OR CONSTRUCTION VEHICLE USE.
4. THE CONTRACTOR SHALL TAKE POSITIVE STEPS TO PREVENT THE SPATTERING OF VEHICLES. THE CONTRACTOR SHALL PROVIDE FOR THE PROMPT CLEANING OF ANY VEHICLES SPATTERED BY CONTRACTOR'S OPERATIONS AND SHALL PAY FOR THE CLEANING.
5. WHERE PAVEMENT KEYS ARE CUT INTO THE EXISTING PAVEMENT IN PREPARATION FOR THE OVERLAY AT THE LIMITS OF RESURFACING, PRIOR TO REOPENING THE ROADWAY TO TRAFFIC, THE CONTRACTOR SHALL EITHER PLACE THE PROPOSED ASPHALT OVERLAY IMMEDIATELY OR PLACE A TEMPORARY WEDGE (4' MIN. WIDTH A.O.B.E.) OF ASPHALT TO ELIMINATE THE BUMP CREATED BY THE PAVEMENT KEY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE PAVING ITEMS.
6. THE CONTRACTOR SHALL EXERCISE CARE IN HIS COLD MILLING AND REMOVAL OPERATIONS SO AS NOT TO UNDULY DISTURB OR DAMAGE UNDERLYING MATERIALS WHICH ARE TO REMAIN IN PLACE. IF THE CONTRACTOR DAMAGES ANY MATERIALS THAT ARE TO REMAIN IN PLACE, THE DAMAGED MATERIALS SHALL BE EITHER REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL KEEP THE ROADWAY WITHIN THE PROJECT LIMITS CLEAR OF SOIL AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
7. UPON COMPLETION OF MILLING OPERATIONS, THE CROSSWALK AREAS SHALL BE INSPECTED TO ENSURE AN EVEN WALKING SURFACE FOR PEDESTRIANS.

SAW CUTTING

1. THE GENERAL INTENT IN THE USE OF SAW CUT ITEMS IS AS FOLLOWS:
- A. SAW CUT FOR ASPHALT REMOVAL WHEN RESURFACING OVER THE REMOVAL LINE IS NOT PLANNED.
- B. WHEN ASPHALT IS TO BE REMOVED TO A POINT, WIDENED, AND THEN SUBSEQUENTLY RESURFACED, OR WHEN ASPHALT ABUTTING PRIVATE PROPERTY IS TO BE REMOVED REGARDLESS OF WHETHER SUBSEQUENT RESURFACING IS CALLED FOR, UNLESS SPECIFICALLY NOTED OTHERWISE, ON THE PLANS, THE CONTRACTOR SHALL REMOVE THE MATERIAL TO A STRAIGHT LINE HAVING A MAXIMUM DEVIATION FROM THE STRAIGHT OF 4" IN 10' AS ORDERED BY THE ENGINEER TO PERMIT PROPER AND ADEQUATE REPLACEMENT AND COMPACTION OF THE NEW ASPHALT. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK BUT THE COST SHALL BE INCLUDED IN THE PRICE BID FOR THE APPROPRIATE ITEMS OF WORK.
- CLEAN, SEAL AND FILL CRACKS
1. WHERE EXISTING REFLECTIVE CRACKS HAVE CAUSED THE ADJACENT ASPHALT MATERIAL TO RISE, CRACKS SHALL BE CLEANED AND FILLED IN ACCORDANCE WITH ITEM 633.12 TO A LINE FLUSH WITH THE NON-RAISED ASPHALT. THE RAISED ASPHALT SHALL THEN BE REMOVED TO A LINE WITH THE EXISTING ROADWAY SURFACE BY HEATING/RAKING, PLANING, GRINDING, ETC. AS APPROVED BY THE ENGINEER. ALL COST FOR CLEANING, FILLING AND REMOVAL OF ASPHALT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 633.12.
2. WITHIN THE LIMITS OF RESURFACING, ALL UNSEALED AND INADEQUATELY SEALED CRACKS 1/4" IN WIDTH OR GREATER WHICH ARE VISIBLE IN THE SURFACE SHALL BE CLEANED AND SEALED PRIOR TO PLACEMENT OF THE ASPHALT. CRACKS FROM 3/4 TO 1" WIDE SHALL BE SEALED UNDER ITEM 633.12 WITH A MIXTURE OF BITUMINOUS MATERIAL MEETING THE REQUIREMENTS OF 702-4501 AS LISTED IN TABLE 6 OF SECTION 702 AND/OR OF 702-3601 AS LISTED IN TABLE 5 OF SECTION 702. MORTAR SAND SHALL MEET THE REQUIREMENTS OF SUBSECTION 703-03, WHICHEVER EMULSION THE CONTRACTOR CHOOSES. HE SHALL PROVIDE CERTIFICATION TO THE E.I.C. STATING THAT THE MATERIAL IS COMPATIBLE WITH THE MORTAR SAND SELECTED TO PRODUCE ALLOWABLE COATING AND RETENTION IN ANIONIC AND/OR CATIONIC PHASES. THE MATERIALS SHALL BE MIXED TO A MORTAR CONSISTENCY TO THE SATISFACTION OF THE ENGINEER. A MINERAL FILLER MEETING THE REQUIREMENTS OF 703-08 MAY BE ADDED FOR WORKABILITY AS ORDERED BY THE ENGINEER. CRACKS WIDER THAN 3/4" SHALL BE REPAIRED AS SPECIFIED UNDER ITEM 633.12. THE CLEANING SHALL CONSIST OF THE REMOVAL OF ALL DIRT AND LOOSE MATERIAL AND SHALL BE ACCOMPLISHED BY HOLDING A CLEANING JET, MEASURING AT LEAST 80 PSI AT THE SOURCE, 1' ABOVE THE PAVEMENT SURFACE. THIS WORK SHALL BE COMPLETED AT LEAST 24 HOURS BUT NO MORE THAN 2 WEEKS IN ADVANCE OF THE PAVING OPERATION. PAYMENT FOR THIS WORK WILL BE MADE UNDER ITEM 633.12.

UTILITIES

1. CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLE 13 OF THE GENERAL CLAUSES. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 13., THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER, IN WRITING, THE FACILITY OWNER'S RESPONSE TO ONE-CALL NOTIFICATION, BEFORE PROCEEDING WITH ANY EXCAVATION.
2. THE COUNTY DOES NOT WARRANT THE LOCATION AND/OR THE EXTENT OF UTILITIES WITHIN THE PROJECT AREA, AS THE EXISTENCE AND THE LOCATION OF ALL UTILITIES SHOWN HEREIN HAVE BEEN OBTAINED FROM LIMITED FIELD INVESTIGATION AND FROM RECORD DRAWINGS OF THE INDIVIDUAL UTILITY COMPANIES. THE LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN THE EVENT OTHER UTILITY LINES NOT SHOWN ON THESE PLANS ARE ENCOUNTERED, IMMEDIATE NOTICE SHALL BE GIVEN TO THE ENGINEER, AND SUCH UTILITIES SHALL REMAIN UNDISTURBED UNTIL WRITTEN PERMISSION IS GRANTED BY THE ENGINEER-IN-CHARGE TO PROCEED.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY UNDER PART 753 OF THE NEW YORK STATE INDUSTRIAL CODE TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA, ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. THE METHOD OF REMOVAL OF EXISTING ROADWAY OR SHOULDER PAVEMENT IN THE IMMEDIATE VICINITY OF UNDERGROUND UTILITIES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE FOLLOWING UTILITY OWNERS ARE ON RECORD FOR THIS PROJECT:
- STORM SEWER:
WESTCHESTER COUNTY DPW
CONTACT: ANTHONY VENTAROLA
914-993-2365
VILLAGE OF HASTINGS-ON-HUDSON
CONTACT: CHARLES MINOZZI
(914)478-3400 X645

WATER:
STEZ WATER WESTCHESTER
CONTACT: PIERCE CHIN
(518)637-5330

SANITARY SEWER:
WESTCHESTER COUNTY SEWER
CONTACT: MARIAN POMPA
(914)813-5419

GAS:
CONSOLIDATED EDISON
CONTACT: PAT MAGUIRE
(718) 319-2395

FIBER & TELEPHONE:
BELL-VALHALLA WECHESER
CONTACT: ROBERT SCHAUB
(914)741-8750

FIBER, CATV
ALTICE USA
CONTACT: RON VALLE
(718)232-1376
6. ANY WORK WHICH MAY BE REQUIRED OR DESIRED BY NON-COUNTY OF WESTCHESTER ENTITIES (I.E. CON EDISON, THE TELEPHONE COMPANY, CABLE TV, OTHER GOVERNMENTAL AGENCIES, PRIVATE CORPORATIONS OR INDIVIDUALS, ETC.) WITHIN THE SPECIFIED LIMITS OF THE PROJECT SHALL IN NO MANNER BE PERFORMED BY SAID CONTRACTOR(S) OR SUBCONTRACTORS RETAINED BY THE COUNTY OF WESTCHESTER UNDER THIS CONTRACT UNLESS PRIOR WRITTEN APPROVAL IS GRANTED BY THE COMMISSIONER OF PUBLIC WORKS.

RESIDENTIAL SERVICES

1. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL RESIDENTIAL SERVICES (REFUSE PICK-UP, SCHOOL BUSES ETC.) FOR THE DURATION OF CONSTRUCTION.

MAINTENANCE AND PROTECTION OF TRAFFIC
TRAFFIC GENERAL NOTES

1. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619 OF THE STANDARD SPECIFICATIONS, CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK (NYCRR) (FORMERLY REFERRED TO AS N.Y.S.M.U.T.C.D.) AND ANY PROVISIONS CONTAINED IN THE PLANS AND/OR PROPOSAL OF THIS CONTRACT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF TRAFFIC. MAINTENANCE OF TRAFFIC SCHEMES SHALL BE IN ACCORDANCE WITH THE PLANS AND AS APPROVED OR DIRECTED BY THE ENGINEER. TRAFFIC SCHEMES SHOWN ON THE PLANS ARE TO BE CONSIDERED MINIMUM REQUIREMENTS. THE ENGINEER MAY ORDER ADDITIONAL SIGNS, FLAGGERS, CONES, REFLECTORIZATION ETC., IF HE DEEMS IT NECESSARY AT NO ADDITIONAL COST TO THE COUNTY. PAYMENT FOR ALL SUCH WORK SHALL BE INCLUDED IN THE ITEMS FOR MAINTENANCE AND PROTECTION OF TRAFFIC OR CONSTRUCTION SIGNS AS APPROPRIATE.
3. PRIOR TO THE START OF WORK, THE CONTRACTOR MAY SUBMIT ANY PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGES WHICH ALTER THE BASIC CONCEPT OF THE PLAN MUST BE APPROVED BY THE ENGINEER.
4. THE CONTRACTOR MUST NOTIFY THE ENGINEER, AND THROUGH THE ENGINEER, MUNICIPALITIES, POLICE DEPARTMENT, AND FIRE DEPARTMENTS OF ALL DETOURS, OR ANY WORK THAT MIGHT AFFECT THE MOBILITY OR ACCESS OF THE FIRE OR POLICE DEPARTMENT 72 HOURS IN ADVANCE OF THEIR IMPLEMENTATION. IN ADDITION, THE CONTRACTOR SHALL ENSURE THAT HYDRANTS AND ALARM BOXES ARE KEPT CLEAR AND ACCESSIBLE.
5. IN ADDITION TO THE SIGNING SHOWN ON THE PLANS, THE CONTRACTOR SHALL ERECT G11-1C, "ROAD WORK, NEXT XX MILES" SIGNS; AND G11-2C, "END ROAD WORK" SIGNS AT THE CONTRACT LIMIT OF THE PROJECT. PAYMENT FOR THESE SIGNS WILL BE MADE UNDER ITEM 619.01
6. THE CONTRACTOR SHALL PROVIDE FLAGGERS WITH APPROPRIATE SIGNING WHENEVER OPERATIONS INTERFERE WITH TRAFFIC. EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO: DELIVERY AND REMOVAL OF MATERIALS, LIFT OPERATIONS, RESTRICTED SIGHT DISTANCES, IMPEDANCE OF NORMAL TRAFFIC FLOW AND OTHER ACTIVITIES. COST SHALL BE INCLUDED IN ITEM 619.01. POLICE FOR TRAFFIC CONTROL SERVICES (ITEM W911) IS ONLY TO BE USED AS A SUPPLEMENT TO THE FLAGGERS IN ORDER TO ENCOURAGE PUBLIC COMPLIANCE WITH MPT/WORK ZONE RESTRICTIONS. POLICE SHALL **NOT** BE USED IN PLACE OF FLAGGERS.
7. THE CONTRACTOR SHALL PLACE W4-1 "BUMP" SIGNS, W4-2 "DIP" SIGNS AND/OR W4-4 "ROUGH ROAD" SIGNS WHERE DIRECTED BY THE ENGINEER. PAYMENT FOR THESE SIGNS WILL BE MADE UNDER ITEM 619.01
8. CONTRACTOR'S ATTENTION IS DIRECTED TO SUBSECTIONS 619-3.02 AND 645-3.17 OF THE STANDARD SPECIFICATIONS. EXISTING TRAFFIC SIGNS AND CONSTRUCTION SIGNS WITHIN THE WORK AREA WHICH ARE NO LONGER NEEDED, EVEN TEMPORARILY, OR ARE CONFLICTING, INAPPROPRIATE OR CONFUSING, SHALL BE REMOVED SUBJECT TO THE APPROVAL OF THE ENGINEER) OR SHALL BE COVERED COMPLETELY WITH AN OPAQUE MATERIAL. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC ITEM.
9. TYPE B - HIGH INTENSITY, FLASHING LIGHTS ARE REQUIRED ON ALL W8 ADVANCE WARNING SIGNS. PAYMENT FOR THESE SIGNS WILL BE MADE UNDER ITEM 619.01
10. ALL SINGLE TYPE III CONSTRUCTION BARRICADES AND DRUMS SHALL BE OF LIKE NEW CONDITION AND SHALL REQUIRE TYPE C - LOW INTENSITY", STEADY LIGHTS UNLESS OTHER WISE NOTED ON THE PLANS.
11. TYPE IV CHARACTERS PER THE NYCRR SHALL BE USED ON CONSTRUCTION SIGNS.
12. THE CONTRACTOR SHALL ERECT SIGNS TO PROVIDE PROPER HORIZONTAL AND VERTICAL CLEARANCES AS REQUIRED BY THE NYCRR.
13. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 230.3 OF THE NYCRR WHICH REQUIRES THAT WITH THE EXCEPTION OF THE RAILROAD ADVANCE WARNING SIGN, WARNING SIGNS USED IN CONJUNCTION WITH WORK ZONE ACTIVITIES SHOULD HAVE ORANGE BACKGROUNDS.
14. IN ADDITION TO THE SIGNING SHOWN ON THE PLANS, THE CONTRACTOR SHALL ERECT W8-1D, "ROAD WORK AHEAD" SIGNS AT INTERSECTING CROSS STREETS WITHIN THE CONTRACT LIMITS. PAYMENT FOR THESE SIGNS WILL BE MADE UNDER ITEM 619.01
15. ALL CONSTRUCTION SIGNS SHALL HAVE A FLUORESCENT ORANGE BACKGROUND AND BLACK LETTERS AND BORDER UNLESS OTHERWISE SPECIFIED. ORANGE CONSTRUCTION SIGN MATERIAL REQUIREMENTS SHALL BE: 1) SCOTCHLITE DURABLE FLUORESCENT DIAMOND GRADE SHEETING (3924/G ORANGE) AS MANUFACTURED BY THE 3M COMPANY, OR 2) STIMSONITE'S FLUORESCENT ORANGE HIGH-PERFORMANCE GRADE RETROFLECTIVE SHEETING NO. 4370, OR APPROVED EQUAL. SIGN MATERIALS MUST BE IN COMPLIANCE WITH NYS DOT SPECIFICATIONS - METRIC, ADDENDUM NO. 2, DATED 1/104/99. ALL SIGNS ARE TO BE IN GOOD CONDITION, FADED AND DETERIORATED PANELS, AS WELL AS NON-STANDARD TEXT WILL NOT BE ACCEPTABLE. PAYMENT FOR THESE SIGNS WILL BE MADE UNDER ITEM 619.01
16. IN REFERENCE TO THE N.Y.C.R.R. THE FOLLOWING STIPULATIONS SHALL APPLY UNLESS OTHERWISE SPECIFIED BY THE ENGINEER:
- A. WHERE SIGNS ARE SHOWN IN BOTH DIAMOND AND RECTANGULAR SHAPES, ONLY DIAMOND SHAPES WILL BE PERMITTED, EXCEPT IN MEDIAN APPLICATIONS WHERE THE RECTANGULAR SIGNS WILL BE USED AS SPECIFIED BY THE ENGINEER.
- B. WHERE SIGNS ARE SHOWN IN ALTERNATE SIZES, THE LARGEST SIZE MUST BE USED UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, OR AS SHOWN ON THE PLANS.
17. THE CONTRACTOR SHALL COVER, WITH OPAQUE MATERIAL, ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THE MAINTENANCE AND PROTECTION OF TRAFFIC SIGNS ERECTED FOR A SPECIFIC WORK OPERATION. ANY SUCH COVERING SHALL BE IMMEDIATELY REMOVED AFTER COMPLETION OF THE M.P.T. WORK. ALSO, ALL CONSTRUCTION SIGNS SHALL BE COVERED IN AN APPROPRIATE MANNER, WHEN THE WORK THEY PERTAIN TO IS NOT IN PROGRESS.
18. UNDER THE BASIC MAINTENANCE AND PROTECTION OF TRAFFIC ITEM THE CONTRACTOR WILL BE REQUIRED TO PERFORM MAINTENANCE CLEANING OF THE PAVEMENT WITHIN THE CONTRACT LIMITS, WHEN ORDERED BY THE ENGINEER. MAINTENANCE CLEANING SHALL MEAN THE REMOVAL OF DEBRIS FROM ANY SOURCE, WHICH IN THE OPINION OF THE ENGINEER IMPEDES FLOW OF TRAFFIC OR STORM WATER. THIS REQUIREMENT SHALL NOT BE CONSTRUED TO CHANGE THE PROVISIONS OF ARTICLE 619-1 .02K SNOW AND ICE CONTROL (OF NYS DOT STANDARD SPECIFICATIONS).

MAINTENANCE AND PROTECTION OF TRAFFIC
GENERAL NOTES (CONT'D)

19. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, AT LEAST TWO WEEKS IN ADVANCE, HIS PROPOSED SCHEDULE AS IT PERTAINS TO ROADWAY CHANNELIZATION. THE SCHEDULE SHALL INCLUDE LAYOUTS AND SIGNING AS SPECIFIED IN THE MPT SHEETS AND OTHER METHODS AVAILABLE TO IMPROVE TRAFFIC FLOW NOT SHOWN ON THE TYPICAL MPT SHEETS OR DETOUR SHEETS. BEFORE IMPLEMENTATION, SCHEDULED LAYOUTS SHALL BE SUBJECT TO MODIFICATION BY THE ENGINEER. THE CONTRACTOR SHALL PERFORM THIS WORK IN SUCH A MANNER AND SEQUENCE AS TO MAINTAIN TWO LANES OF THRU TRAFFIC AT ALL TIMES AND/OR AS SHOWN OH THE PLANS.
20. BEFORE RESTRICTING THE NORMAL FLOW OF TRAFFIC IN ANY WAY, THE CONTRACTOR SHALL GIVE FORTY-EIGHT (48) HOURS PRIOR NOTICE OF SAME TO THE CITY OF WHITE PLAINS POLICE AND FIRE DEPARTMENTS. IN ADDITION, HE SHALL GIVE FORTY-EIGHT (48) HOURS NOTICE TO ALL RESIDENTS AND/OR BUSINESSES HAVING DRIVEWAYS AND ENTRANCES WITHIN THE CONTRACT LIMITS BEFORE COMMENCING ANY OPERATIONS WHICH WILL TEMPORARILY INTERFERE WITH THEIR USE. THE CONTRACTOR SHALL ASSIGN A RESPONSIBLE EMPLOYEE TO GIVE THE AFOREMENTIONED NOTICES IN WRITING AFTER CONCURRENCE WITH THE ENGINEER.
21. TYPE A FLASHING LOW INTENSITY WARNING LIGHTS SHALL BE MOUNTED ON THE FIRST THREE DRUMS IN A TAPER. COST TO BE INCLUDED UNDER ITEM 619.01.
22. PRIOR TO OPENING CROSSWALKS TO PEDESTRIANS AFTER MILLING OPERATIONS, THE CROSSWALK AREA SHALL BE INSPECTED BY THE ENGINEER FOR SAFETY. WALKING SURFACES DEEMED UNSAFE SHALL BE CORRECTED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
23. TEMPORARY PAVEMENT MARKINGS ARE REQUIRED AFTER BOTH MILLING OPERATIONS AND BINDER PLACEMENT. CROSSWALK MARKINGS SHALL INCLUDE TRANSVERSE LINES ONLY. THE COST FOR THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01.
24. TRAFFIC DETOURS WILL NOT BE PERMITTED.
25. ALL LANES SHALL BE RE-OPENED AND ALL AREAS SHALL BE RESTORED FOR FULL AND SAFE ACCESS TO THE END OF EACH WORK DAY.
- CONSTRUCTION SCHEDULE NOTES
1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT FARRAGUT AVENUE HAS A HIGH VOLUME OF TRAFFIC DURING THE DAY THAT MUST BE MAINTAINED. BECAUSE OF THIS FACT THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE MILLING AND PAVING OPERATIONS BETWEEN 9:00 AM AND 4:00 PM DURING WEEKDAYS. NO LANE CLOSURES ARE PERMITTED BEFORE 9:00AM OR AFTER 4:00PM ON WEEKDAYS. IN ADDITION, NO CONSTRUCTION AND/OR PREPARATION SHALL BE PERFORMED BEFORE 8:00 AM AND AFTER 5:30 PM ON WEEKDAYS. WORK WILL BE PERMITTED ON WEEKENDS ONLY WITH THE PERMISSION OF THE COUNTY AND THE MUNICIPALITY. ALL WORK SHALL BE LIMITED TO ONE "SEGMENT" OR ZONE, ONLY ONE SIDE OF THE TRAVELED WAY AT A TIME.
2. CONTRACTOR SHALL NOTIFY TOWN 72 HOURS PRIOR TO ANY WORK INVOLVING TEMPORARY DRIVEWAY CLOSURES, SO THAT HOMEOWNERS MAY BE PROPERLY INFORMED IN ADVANCE. DROP CURBS SHALL BE PLATED AS SOON AS POSSIBLE TO ALLOW INGRESS/EGRESS FROM DRIVEWAYS.
3. WORK IS NOT PERMITTED ON ANY FEDERAL, STATE, OR COUNTY HOLIDAY.
4. ALL WORK TO TAKE PLACE BETWEEN MAY 15 AND SEPTEMBER 15 OF THE CALENDAR YEAR.

DRAINAGE NOTES

- D1. DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS SHALL BE CLEANED AS SHOWN ON THE PLANS UNDER ITEMS 621.03 AND 621.04, UNLESS DIRECTED BY THE ENGINEER.
- D2. ALL DRAINAGE STRUCTURES, CULVERTS, DITCHES AND PIPES, WHETHER SHOWN ON THE PLANS OR NOT, ARE TO BE PROTECTED AND FLOW MAINTAINED. ANY STRUCTURES AND PIPES WHICH ARE TO BE ABANDONED AND/OR REPLACED SHALL BE MAINTAINED UNTIL THE NEW INSTALLATIONS ARE OPERATIONAL.
- D3. THE COST OF PUMPING, BAILING AND DRAINING NECESSARY DURING CONSTRUCTION TO KEEP ANY EXCAVATION FREE OF WATER SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS ITEMS IN THE CONTRACT.
- D4. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONDUCT EXPLORATORY TEST PITS AS MAY BE REQUIRED, AND WHERE DIRECTED BY THE ENGINEER, TO DETERMINE UNDERGROUND CONDITIONS AND/OR ASSESS POTENTIAL UTILITY CONFLICTS. TEST PITS SHALL BE PAID FOR UNDER ITEM 206.05 - TEST PITS. SIZE FOR TEST PITS SHALL BE 3' X 3', AT MAX 8' DEPTH.
- D5. LENGTHS OF DRAINAGE PIPE AND STRUCTURE OFFSETS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. PRIOR TO THE ORDERING OF ANY PIPE, THE CONTRACTOR SHALL DETERMINE THE EXACT LENGTHS OF DRAINAGE PIPE, USING ACTUAL MEASUREMENTS. ALL PIPES SHALL BE LAID EVEN WITH, OR CUT FLUSH TO THE INSIDE WALL OF THE STRUCTURE.
- D6. THE CONTRACTOR SHALL CHECK THE INVERTS OF EXISTING DRAINAGE STRUCTURES AND LINES TO WHICH NEW LINES ARE TO BE CONNECTED. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- D7. THE CONTRACTOR SHALL RESET ALL EXISTING AND SET ANY PROPOSED CATCH BASIN CASTINGS, WHERE TRAFFIC WILL BE PLACED, SO THAT IT PROVIDES A SMOOTH AND SAFE RIDING SURFACE AND MAINTAINS DRAINAGE FLOW AS DIRECTED BY THE ENGINEER. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE INTERIM ASPHALT RAMPING AROUND THE DRAINAGE CASTING FOR A DISTANCE OF 10 FEET. PAYMENT FOR THIS WORK TO BE INCLUDED UNDER APPROPRIATE ITEM NUMBERS.
- STAGING AREA
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING A STAGING AREA FOR EQUIPMENT AND MATERIAL STORAGE AND FIELD OFFICE, IF REQUIRED, FOR THE CONTRACT. THIS AREA MUST BE APPROVED BY THE ENGINEER AND THE MUNICIPALITIES AND RESTORED TO ITS ORIGINAL CONDITION AFTER COMPLETION OF THE PROJECT. THE NEW YORK STATE MANUAL OF "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (AUG 2005) SHALL BE FOLLOWED FOR ESTABLISHING, MAINTAINING AND RESTORING THE STAGING AREA. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK. COST IS TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT BECAUSE OF THE PROXIMITY OF ADJACENT PROPERTY, WITHIN THE LIMITS OF THIS CONTRACT, THERE MAY NOT BE EXCLUSIVE OCCUPANCY OF THE TERRITORY WITHIN THE LIMITS OF THIS CONTRACT. THE PROVISIONS OF SUBSECTION 102-09 OF THE STANDARD SPECIFICATIONS SHALL APPLY.

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD Certificate No. 0013600	
JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
CONTRACT NUMBER 20-510		SHEET NUMBER G-102	
SHEET NO. 02 OF 35		SCALE: AS NOTED DATE: 11/16/2021	
DPW FILE NO.		REV. NO.	
XX-XX-XX-XX		0	

RECORD DRAWING CERTIFICATION		CONTRACTOR		PROJECT COORDINATOR	
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		NAME _____ SIGNATURE _____ TITLE _____ DATE _____		NAME _____ SIGNATURE _____ TITLE _____ DATE _____	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK GENERAL NOTES	
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IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	

MAINTENANCE JURISDICTION:

Table of Maintenance Jurisdiction					
ID#	Description	Limits		General Features to be Maintained	Maintaining Agency
		From	To		
1	Farragut Avenue	0+00	38+34	Roadway, Pavement, Drainage, Snow Removal, Double Yellow Lines, Yellow Edge Lines, White Edge Lines, White Skip Lines, Hatched Lines, Lane Drop Pavement Arrows (except at Signals and Bike Lanes), Non-Parking Regulatory Signs, Warning Signs, Guide Signs	WCDPWT
2	Farragut Avenue	0+00	38+34	Sidewalks, Curbs, ADA Ramps, Bicycle Symbols, Bike Lane Directional Arrows, Sharrow Symbols, Crosswalks, Stop Bars, Parking Signs, Bicycle Lane Signs, Trees, Landscaping, Grass	Village of Hastings-On-Hudson
3	Farragut Avenue	0+00	1+00	Traffic Signal Loops, Pullboxes, Traffic Signal Conduit	NYSDOT

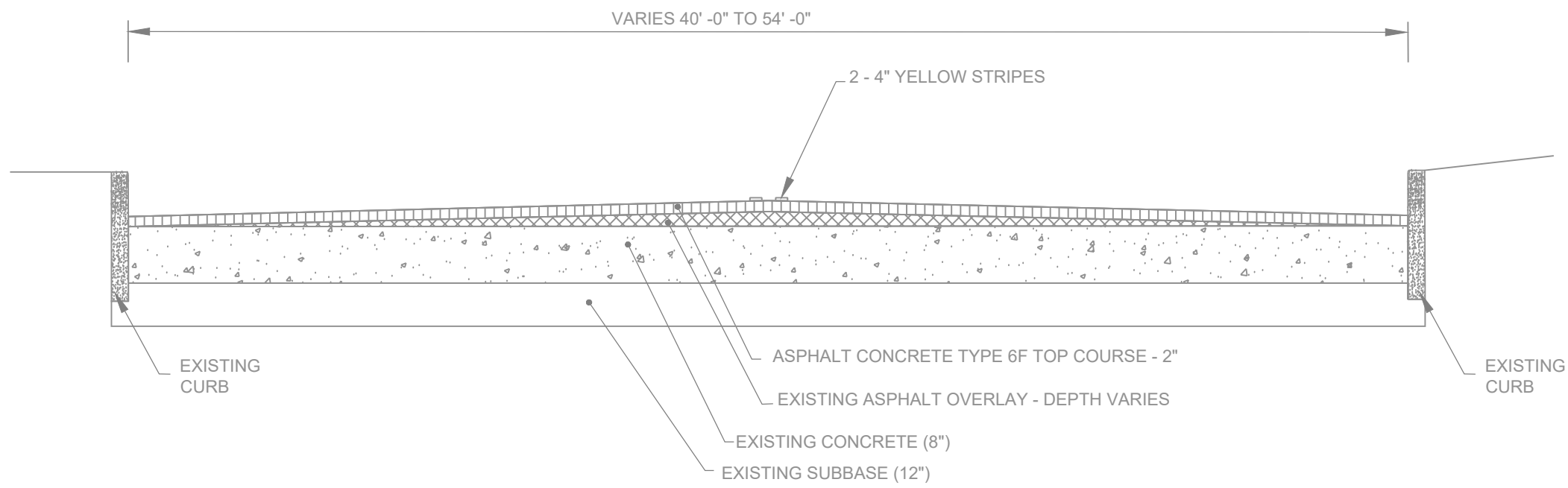
ESTIMATE OF QUANTITIES:

ITEM No.	DESCRIPTION	UNIT	Unit Words	QUANTITY
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	C.Y.	Cubic Yard	500
204.01	CONTROL DENSITY BACKFILL	C.Y.	Cubic Yard	75
206.05	TEST PITS	EA.	Each	10
209.11	TEMPORARY SEDIMENT FILTER BAG FOR DRAINAGE STRUCTURES	EA.	Each	21
209.13	SILT FENCE - TEMPORARY	L.F.	Linear Foot	100
304.11	SUBBASE COURSE, TYPE 1	C.Y.	Cubic Yard	25
402.097103	9.5 F1 TOP COURSE HOT MIX ASPHALT, 70 SERIES COMPACTION, 2"	TON	Ton	3,000
402.197903	19 F9 BINDER COURSE HOT MIX ASPHALT, 70 SERIES COMPACTION, 3"	TON	Ton	450
402.377903	37.5 F9 BASE COURSE HOT MIX ASPHALT, 70 SERIES COMPACTION, 5"	TON	Ton	50
407.0102	DILUTED TACK COAT	Gal	Gallon	2,200
490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	S.Y.	Square Yard	21,000
W604.021	REPAIR OF CATCH BASIN WALLS	S.F.	Square Foot	2,000
W604.07	ADJUST CATCH BASINS AND MANHOLES FOR RESURFACING WORK (STORM & SANITARY)	EA.	Each	43
W604.07	ADJUST CATCH BASINS AND MANHOLES FOR RESURFACING WORK (CABLE, ELECTRIC, & TELEPHONE)	EA.	Each	8
608.0101	CONCRETE SIDEWALK AND DRIVEWAYS	C.Y.	Cubic Yard	35
608.020102	HOT MIX ASPHALT SIDEWALKS & DRIVEWAYS	TON	Ton	25
608.03040008	REMOVE, STORE, AND RESET CONCRETE BLOCK PAVERS	SY	Square Yard	30
608.21	EMBEDDED DETECTABLE WARNING SURFACE	S.Y.	Square Yard	31
609.04	CAST-IN-PLACE CONCRETE CURB (AS DETAILED)	L.F.	Linear Foot	800
610.1801	TURF ESTABLISHMENT - ROADSIDE	S.Y.	Square Yard	500
619.01	BASIC WORK ZONE TRAFFIC CONTROL	L.S.	Lump Sum	1
619.04	TYPE III CONSTRUCTION BARRICADES	EA.	Each	20
619.55010108	DEDICATED POLICE SERVICES	D-C	Dollar-Cents	1
621.03	CLEANING CLOSED DRAINAGE SYSTEMS	L.F.	Linear Foot	1,000
621.04	CLEANING DRAINAGE STRUCTURES	EA.	Each	21
633.12	CLEANING, SEALING AND/OR FILLING CRACKS	L.S.	Lump Sum	1
633.13	CLEANING, SEALING AND/OR FILLING JOINTS	L.F.	Linear Foot	1,500
633.15	REMOVAL AND REPAIR OF LOOSE, BROKEN, OR SPALLED PCC PAVEMENT	S.Y.	Square Yard	100
645.03030011	HIGH VISIBILITY GROUND-MOUNTED SIGN PANEL	SF	Square Feet	800
645.81	TYPE A SIGN POST	EA.	Each	75
W655.0101	FRAME AND GRATES WITH CURB BOX	EA.	Each	20
W660.01R	REPLACE WATER VALVE BOXES	EA.	Each	12
W660.30	ADJUST GAS VALVE BOXES	EA.	Each	17
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2" DIA.	L.F.	Linear Foot	75
680.54	INDUCTANCE LOOP INSTALLATION	L.F.	Linear Foot	450
680.71	SHIELDED LEAD-IN CABLE	L.F.	Linear Foot	100
680.72	INDUCTANCE LOOP WIRE	L.F.	Linear Foot	1,600
685.07200110	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS (WET NIGHT VISIBILITY SPHERES) - 8" WIDE	L.F.	Linear Foot	500
685.07200310	WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	EA.	Each	40
685.07200510	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES (SPECIAL MARKINGS) - 20 MILS (WET NIGHT VISIBILITY SPHERES) - 12" WIDE CROSSWALKS & 18" STOP BARS	L.F.	Linear Foot	5,000
685.07200610	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS (WET NIGHT VISIBILITY SPHERES) - 4" WIDE	L.F.	Linear Foot	7,500
685.07200410	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES (CROSS HATCHING) 20 MILS THICK (WET NIGHT VISIBILITY SPHERES)	L.F.	Linear Foot	2,000
698.04	ASPHALT PRICE ADJUSTMENT	D-C	Dollar-Cents	1
699.040001	MOBILIZATION (2%)	L.S.	Lump Sum	1
W699.040002	CONTRACT BONDS AND INSURANCE (3%)	L.S.	Lump Sum	1
W841	SAW CUT EXISTING BITUMINOUS CONCRETE OVERLAY	L.F.	Linear Foot	2,000
W843	SAW CUT EXISTING BITUMINOUS CONCRETE PAVEMENT	L.F.	Linear Foot	2,000
W851	TESTING OF MATERIALS AND FIELD TESTING EQUIPMENT	D-C	Dollar-Cents	1
W800	MISCELLANEOUS ADDITIONAL WORK	D-C	Dollar-Cents	1

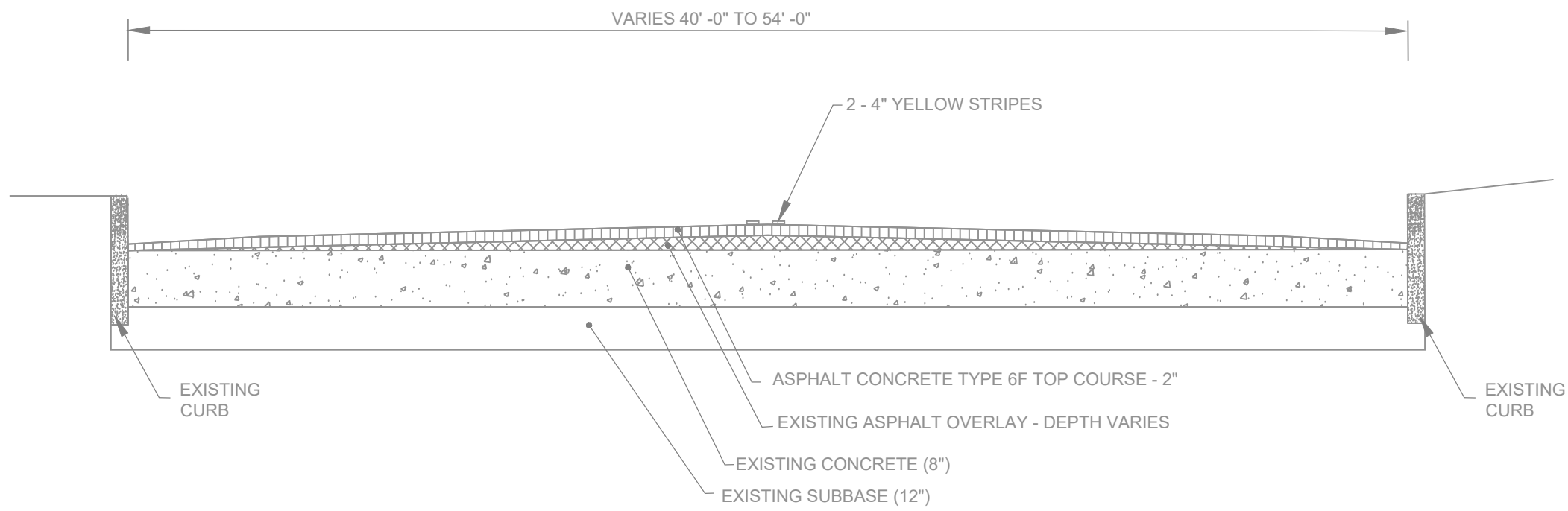
IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

					RECORD DRAWING CERTIFICATION	
					<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES	
					CONTRACTOR	PROJECT COORDINATOR
					NAME _____ SIGNATURE _____ TITLE _____	NAME _____ SIGNATURE _____ TITLE _____
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION		

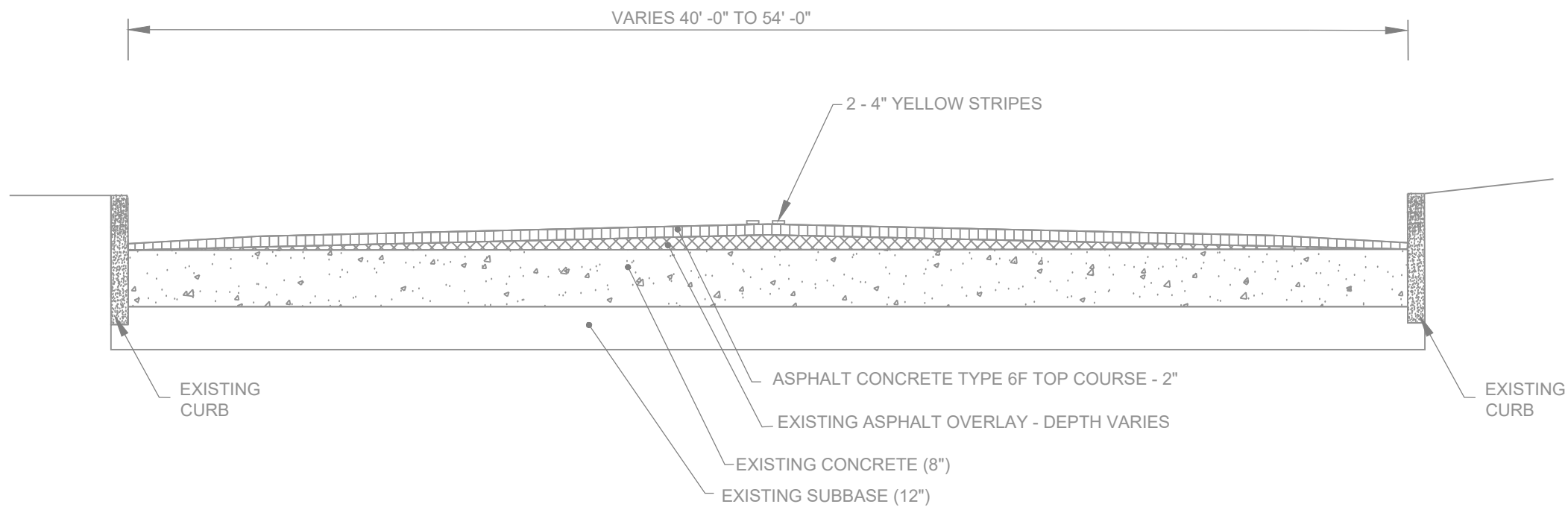
CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		<div><div>M</div><div>MOTT MACDONALD</div><div>Certificate No. 0013600</div></div>	
JOHN K. RUSCHKE		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
<small>N.Y. Professional Engineer Lic. No 071267-1</small>			
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER G-103
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK GENERAL NOTES & ITEM LIST		SHEET NO. 03 OF 35	
		SCALE: AS NOTED DATE: 11/16/2021	
		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



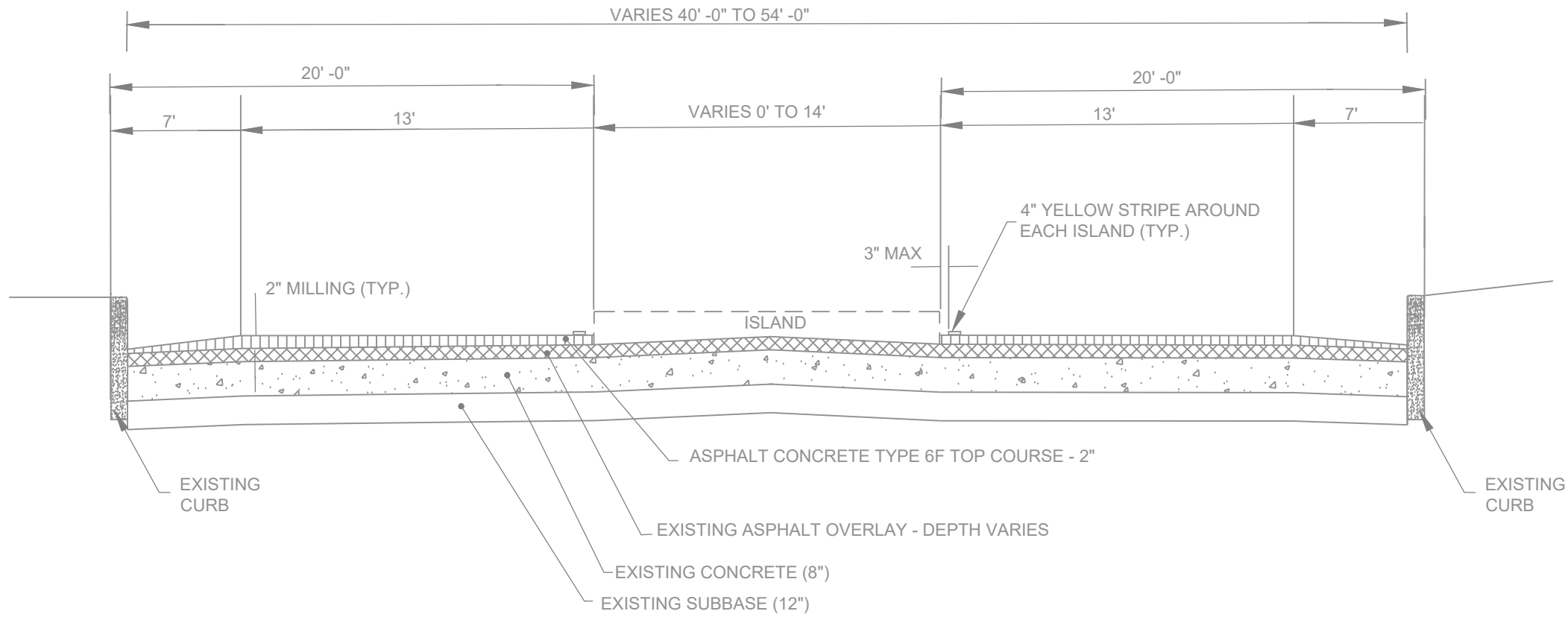
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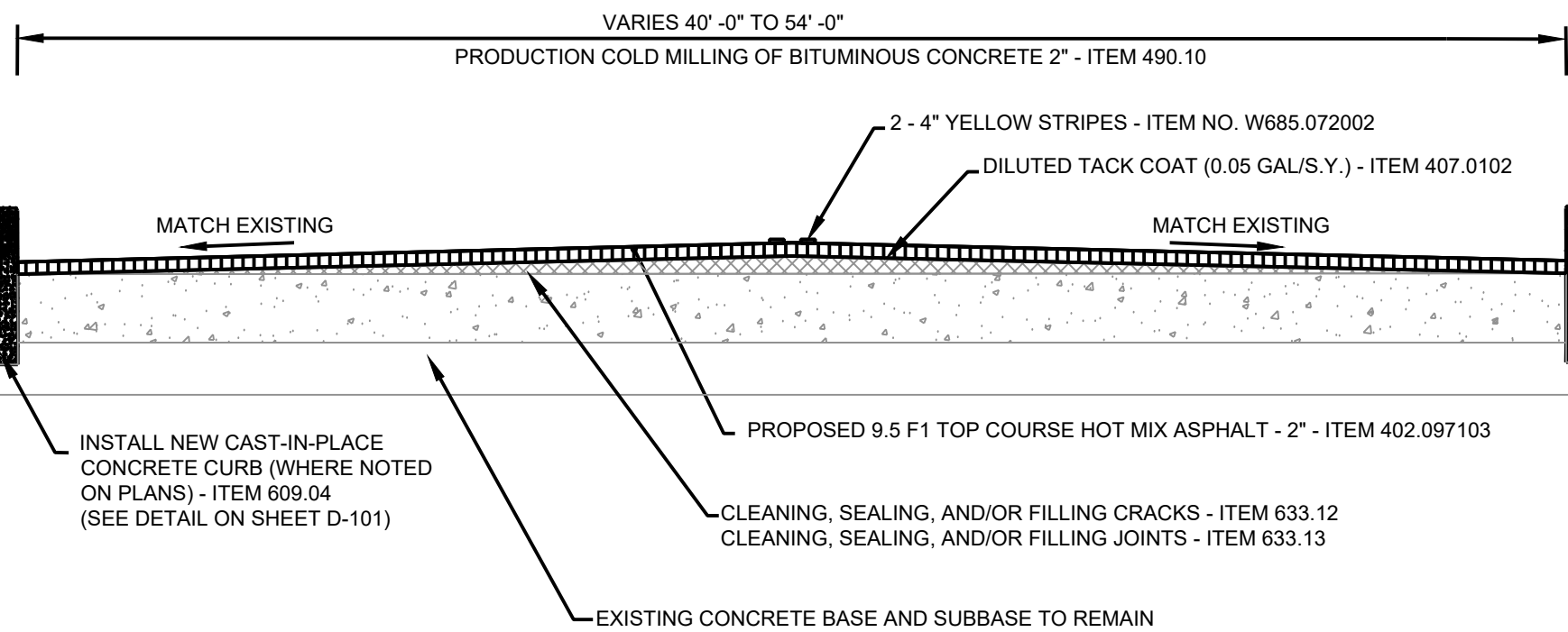
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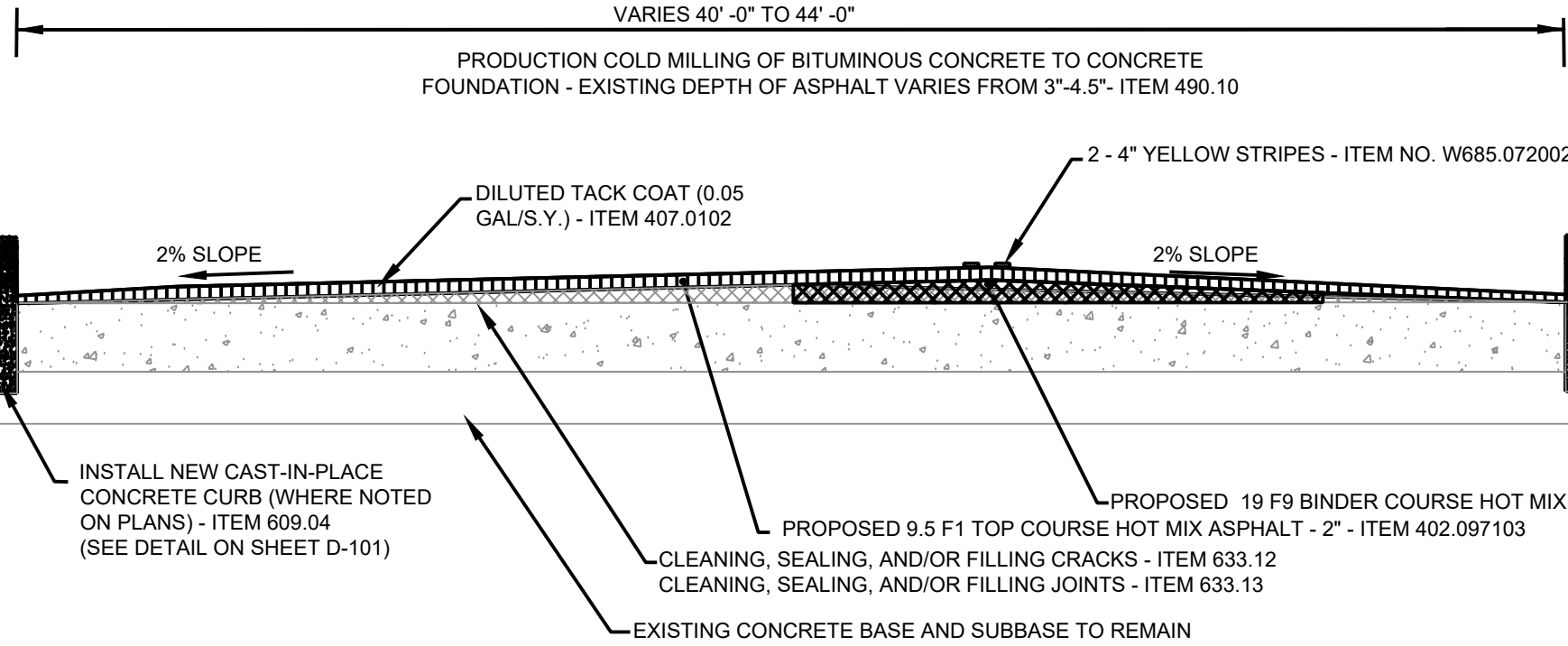
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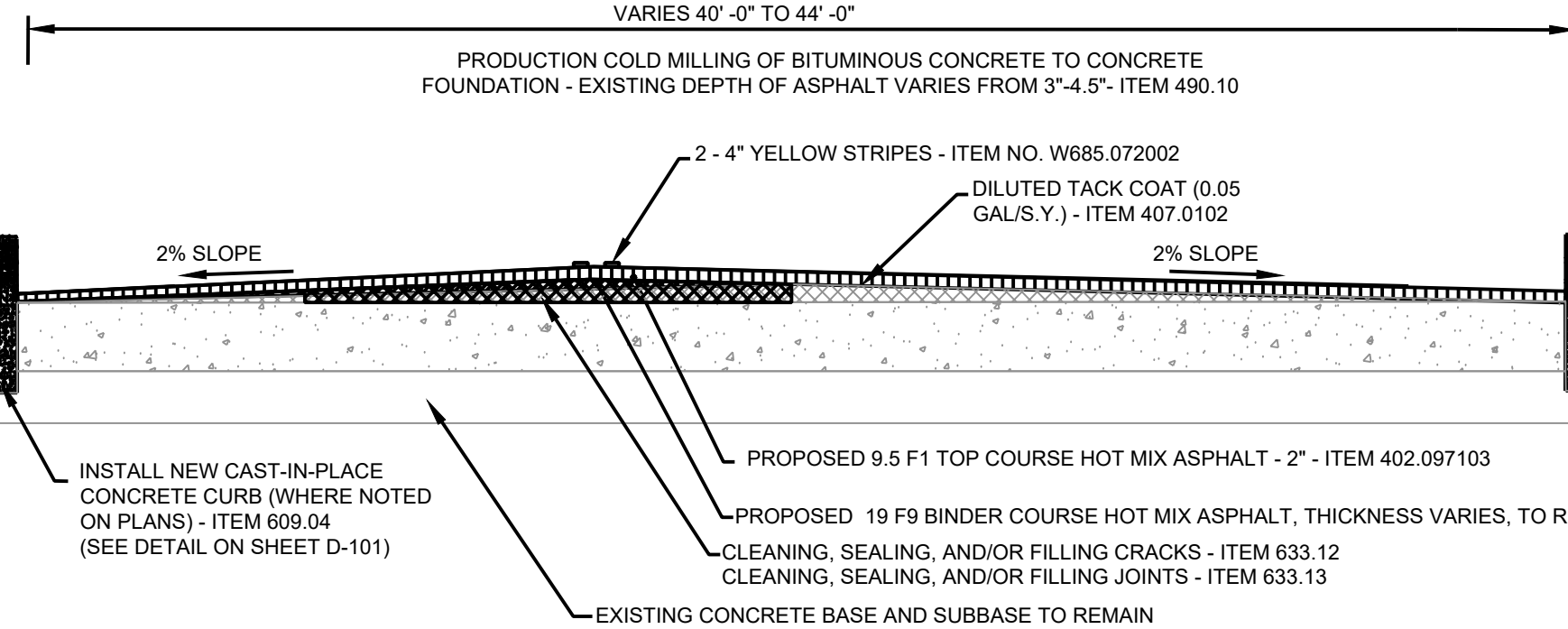
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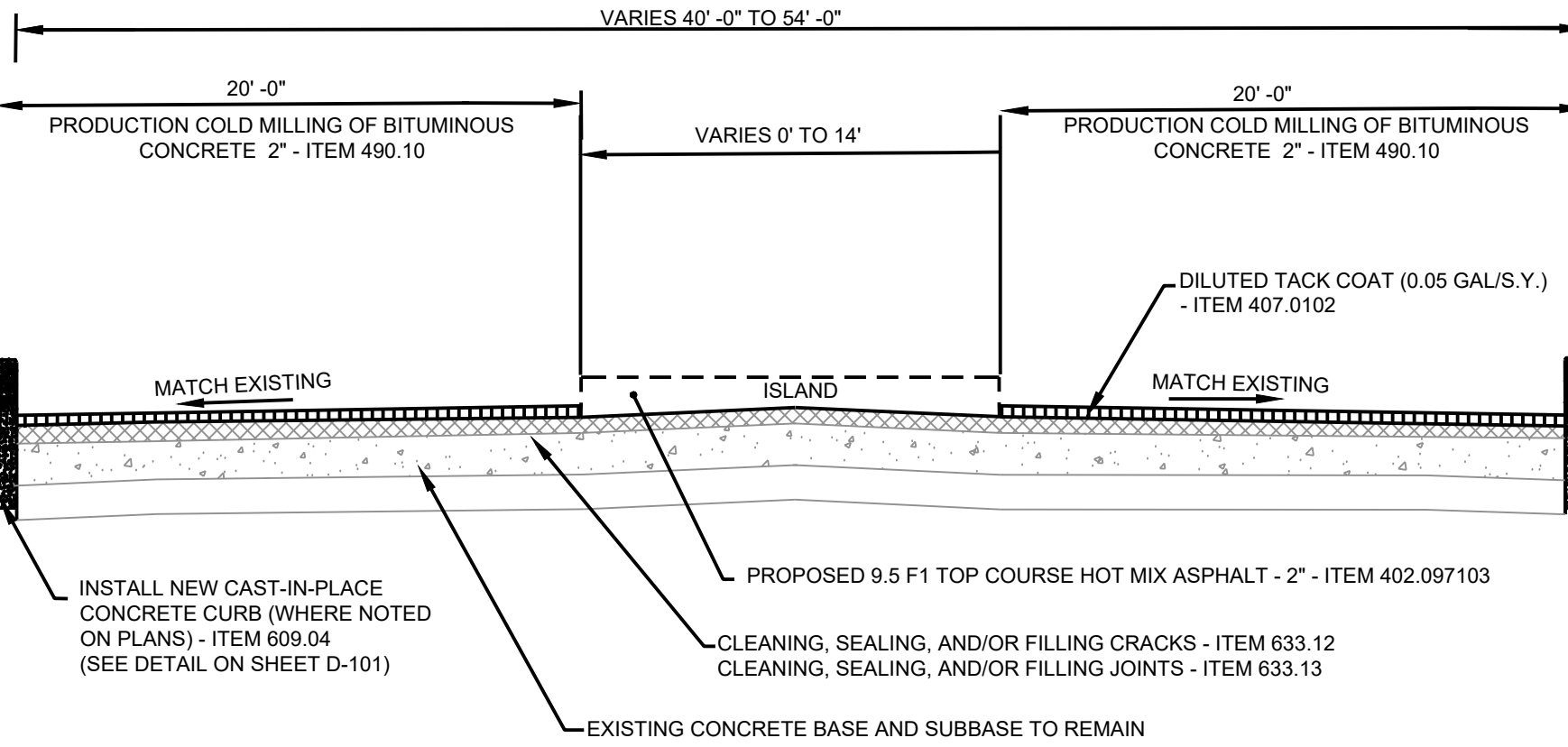
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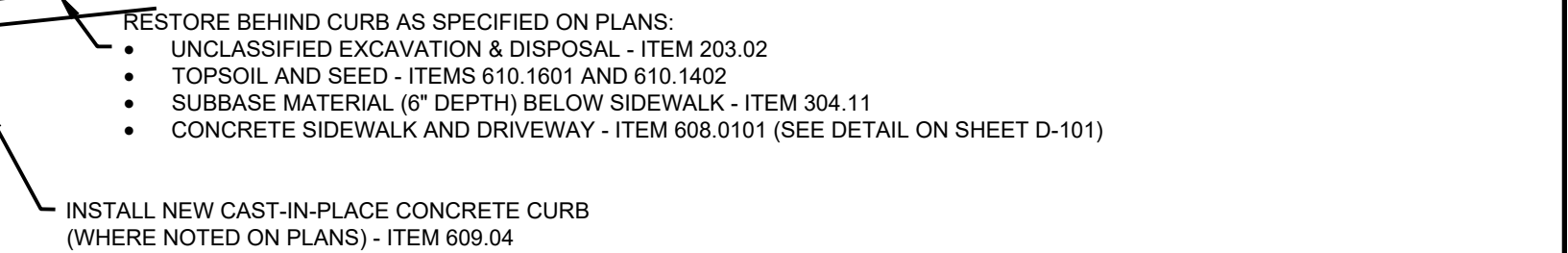
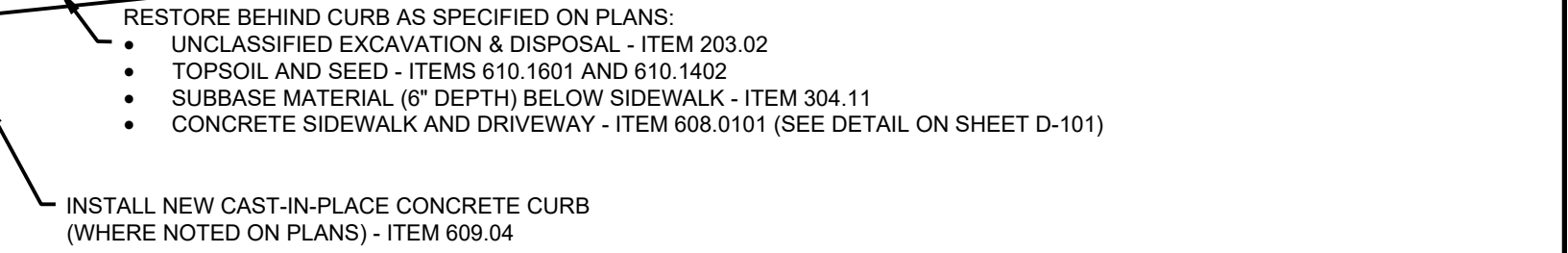
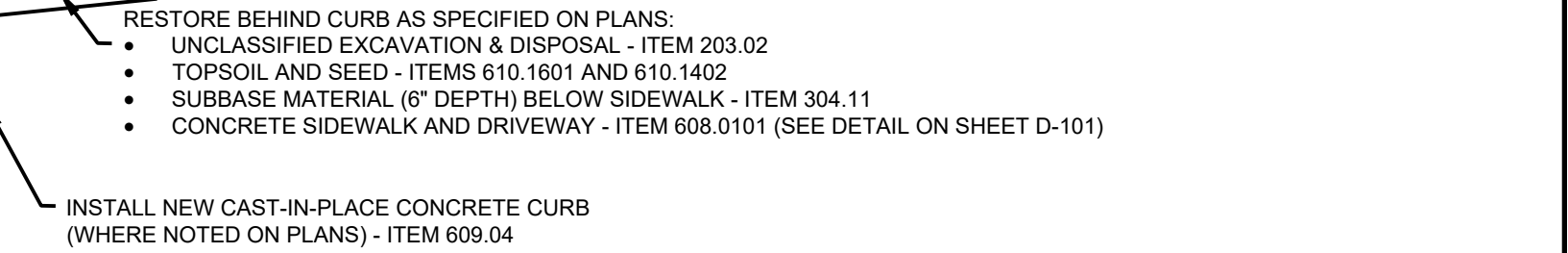
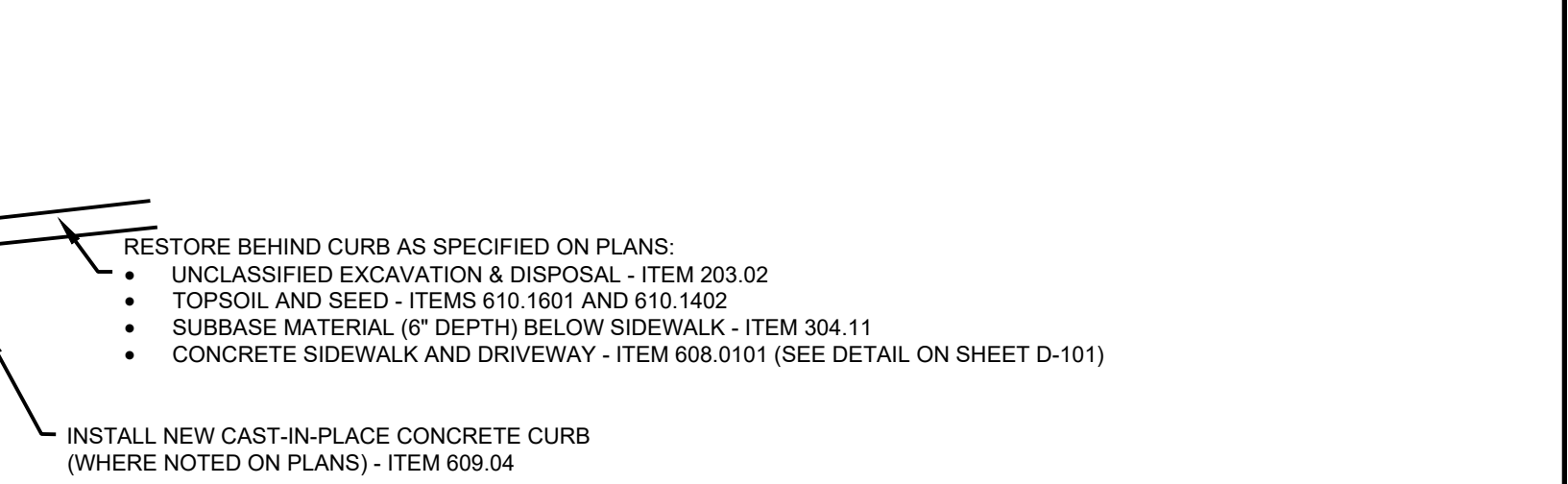
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PROPOSED SECTION STA 15+00 TO STA 27+50
NOT TO SCALE



PROPOSED SECTION STA 27+50 TO STA 38+50
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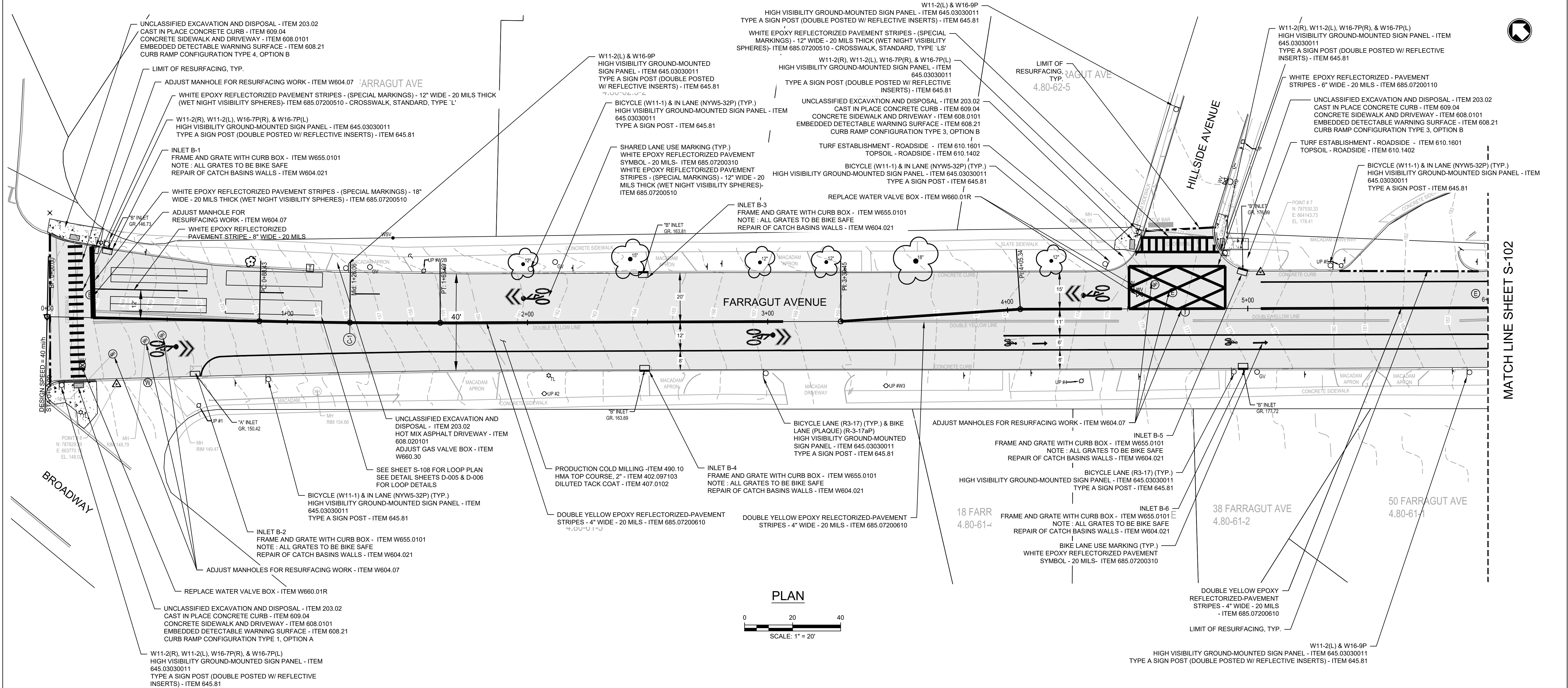


IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION	
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES	
CONTRACTOR	
NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____
DATE _____	DATE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M MOTT MACDONALD Certificate No. 0013600	
JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
CONTRACT NUMBER 20-510	SHEET NUMBER G-104	SHEET NO. 04 OF 35	
SCALE: AS NOTED DATE: 11/16/2021		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK TYPICAL SECTIONS			



- CONSTRUCTION NOTES:**
- ALL BASINS AND SELECT DRAINAGE PIPES (AS DIRECTED BY THE ENGINEER) WITHIN THE PROJECT LIMITS ARE TO BE CLEANED. PAYMENT UNDER ITEMS 621.03 AND 621.04.
 - SAWCUT EXISTING BITUMINOUS CONCRETE PAVEMENT TO BE DIRECTED BY THE ENGINEER PER THE SPECIFICATIONS.
 - CATCH BASIN CASTINGS TO BE CAMPBELL CASTING #2617 OR APPROVED EQUAL.
 - STANDARD PG BINDER GRADE 64E-22 TO BE UTILIZED FOR ASPHALT MIX.
 - GENERAL CLEANING OF EXISTING PAVEMENT/SHOULDERS AFTER MILLING IS INCLUDED IN MILLING ITEM, AS PER THE SPECIFICATIONS. ADDITIONAL "CLEANING EXISTING PAVEMENT AND/OR SHOULDERS" IS AS DIRECTED BY THE ENGINEER.
- NOTES:**
- HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983, NAD83; NEW YORK EAST ZONE 3101.
 - VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88.
 - PLANIMETRIC AND TOPOGRAPHIC FEATURES SHOWN HEREON HAVE BEEN DRAWN IN ACCORDANCE WITH FIELD SURVEY PERFORMED BY MOTT MACDONALD ON OR ABOUT JUNE 10, 2020.
 - THIS IS NOT A BOUNDARY SURVEY PROPERTY LINES, R.O.W. LINES AND/OR EASEMENTS DEPICTED HEREON ARE DERIVED PRIMARILY FROM TAX MAP INFORMATION. SAID LINES ARE SUBJECT TO CHANGE IN ACCORDANCE WITH SUCH FACTS AS AN ACCURATE SURVEY AND ON TITLE SEARCH OF THE ENTIRE TRACT OR TRACTS MAY DISCLOSE.
 - STATIONING SHOWN IS ASSUMED.

IN CHARGE OF **JOHN K. RUSCHKE, PE**
CHECKED BY **DANIEL HONOSHOWSKY, PE**
MADE BY **SAMANTHA J. ANELLO, PE**

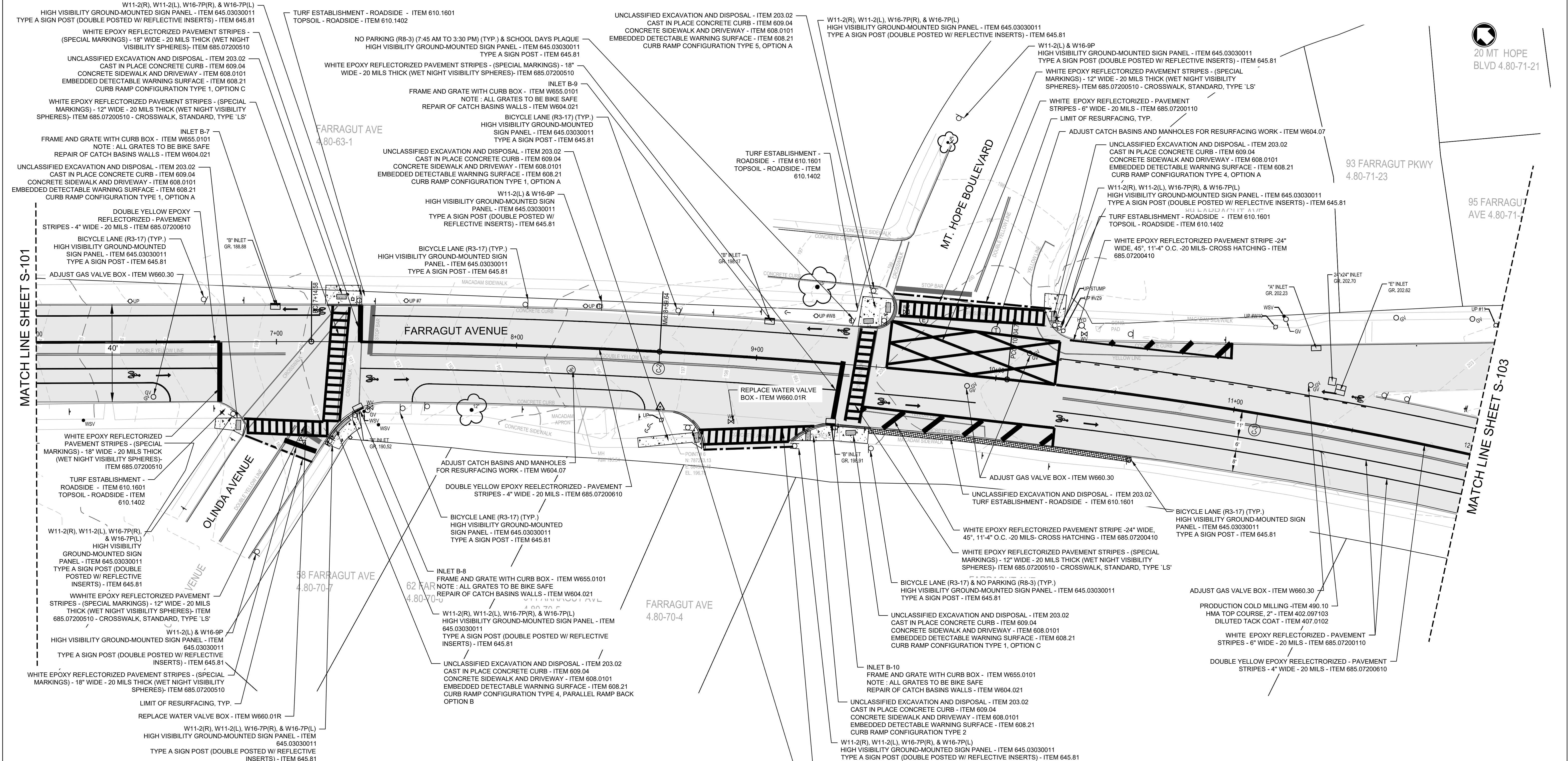
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

LEGEND

☐ TELEPHONE STRUCTURE BG	⊗ FIRE HYDRANT	⊕ UTILITY POLE
★ _{TL} TRAFFIC LIGHT	☐ INLET A	⊕ _{GV} GAS VALVE
① TELEPHONE MANHOLE	☐ INLET B	WSV WATER SERVICE VALVE
Ⓜ WATER MANHOLE	☐ INLET E	☁ TREE
Ⓜ MANHOLE	☐ INLET OTHER	⊗ BUSH
Ⓜ ELECTRICAL MANHOLE	⊗ _{WV} WATER VALVE	Ⓜ _{98.5} SPOT ELEVATION

RECORD DRAWING CERTIFICATION	
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES	
CONTRACTOR	PROJECT COORDINATOR
NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD Certificate No. 0013600	
JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER S-101
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - STA. 0+00 TO 6+00		SHEET No.05 of 35 SCALE: 1" = 20' DATE: 11/15/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	



- CONSTRUCTION NOTES:
- ALL BASINS AND SELECT DRAINAGE PIPES (AS DIRECTED BY THE ENGINEER) WITHIN THE PROJECT LIMITS ARE TO BE CLEANED. PAYMENT UNDER ITEMS 621.03 AND 621.04.
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 - STANDARD PG BINDER GRADE 64E-22 TO BE UTILIZED FOR ASPHALT MIX.
 - GENERAL CLEANING OF EXISTING PAVEMENT/SHOULDERS AFTER MILLING IS INCLUDED IN MILLING ITEM, AS PER THE SPECIFICATIONS. ADDITIONAL "CLEANING EXISTING PAVEMENT AND/OR SHOULDERS" IS AS DIRECTED BY THE ENGINEER.

- NOTES:
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 - VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88.
 - PLANIMETRIC AND TOPOGRAPHIC FEATURES SHOWN HEREON HAVE BEEN DRAWN IN ACCORDANCE WITH FIELD SURVEY PERFORMED BY MOTT MACDONALD ON OR ABOUT JUNE 10, 2020.
 - THIS IS NOT A BOUNDARY SURVEY PROPERTY LINES, R.O.W. LINES AND/OR EASEMENTS DEPICTED HEREON ARE DERIVED PRIMARILY FROM TAX MAP INFORMATION. SAID LINES ARE SUBJECT TO CHANGE IN ACCORDANCE WITH SUCH FACTS AS AN ACCURATE SURVEY AND ON TITLE SEARCH OF THE ENTIRE TRACT OR TRACTS MAY DISCLOSE.
 - STATIONING SHOWN IS ASSUMED.

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

LEGEND

- | | | | |
|------------------------|--------------------|---------------------|---------------------|
| TELEPHONE STRUCTURE BG | ELECTRICAL MANHOLE | UTILITY POLE | TREE |
| TRAFFIC LIGHT | FIRE HYDRANT | GAS VALVE | BUSH |
| TELEPHONE MANHOLE | INLET A | INLET OTHER | 98.5 SPOT ELEVATION |
| WATER MANHOLE | INLET B | WATER SERVICE VALVE | |
| MANHOLE | INLET E | WATER VALVE | |

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

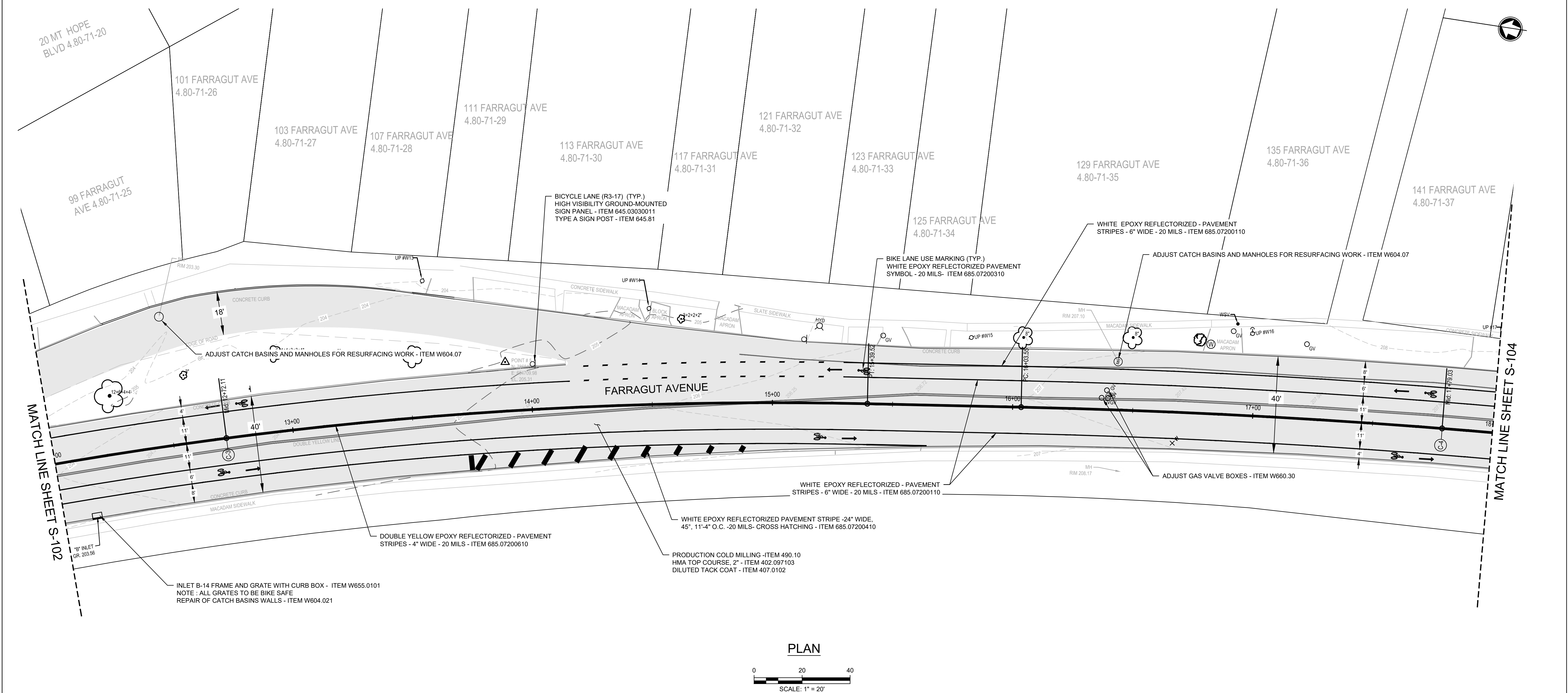
CONTRACTOR

NAME _____
SIGNATURE _____
TITLE _____ DATE _____

PROJECT COORDINATOR

NAME _____
SIGNATURE _____
TITLE _____ DATE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M MOTT MACDONALD	
JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1		Certificate No. 0013600	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING			
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - STA. 6+00 TO 12+00			
CONTRACT NUMBER 20-510	SHEET NUMBER S-102	SHEET No.06 of 35	
SCALE: 1" = 20' DATE: 11/15/2021		DPW FILE NO.	REV. NO. 0



- CONSTRUCTION NOTES:
- ALL BASINS AND SELECT DRAINAGE PIPES (AS DIRECTED BY THE ENGINEER) WITHIN THE PROJECT LIMITS ARE TO BE CLEANED. PAYMENT UNDER ITEMS 621.03 AND 621.04.
 - SAWCUT EXISTING BITUMINOUS CONCRETE PAVEMENT TO BE DIRECTED BY THE ENGINEER PER THE SPECIFICATIONS.
 - CATCH BASIN CASTINGS TO BE CAMPBELL CASTING #2617 OR APPROVED EQUAL.
 - STANDARD PG BINDER GRADE 64E-22 TO BE UTILIZED FOR ASPHALT MIX.
 - GENERAL CLEANING OF EXISTING PAVEMENT/SHOULDERS AFTER MILLING IS INCLUDED IN MILLING ITEM, AS PER THE SPECIFICATIONS. ADDITIONAL "CLEANING EXISTING PAVEMENT AND/OR SHOULDERS" IS AS DIRECTED BY THE ENGINEER.

- NOTES:
- HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983, NAD83; NEW YORK EAST ZONE 3101.
 - VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88.
 - PLANIMETRIC AND TOPOGRAPHIC FEATURES SHOWN HEREON HAVE BEEN DRAWN IN ACCORDANCE WITH FIELD SURVEY PERFORMED BY MOTT MACDONALD ON OR ABOUT JUNE 10, 2020.
 - THIS IS NOT A BOUNDARY SURVEY PROPERTY LINES, R.O.W. LINES AND/OR EASEMENTS DEPICTED HEREON ARE DERIVED PRIMARILY FROM TAX MAP INFORMATION. SAID LINES ARE SUBJECT TO CHANGE IN ACCORDANCE WITH SUCH FACTS AS AN ACCURATE SURVEY AND ON TITLE SEARCH OF THE ENTIRE TRACT OR TRACTS MAY DISCLOSE.
 - STATIONING SHOWN IS ASSUMED.

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

LEGEND

☐

 TELEPHONE STRUCTURE BG

☐_{TL}

 TRAFFIC LIGHT

①

 TELEPHONE MANHOLE

Ⓜ

 WATER MANHOLE

Ⓜ

 MANHOLE

Ⓜ

 ELECTRICAL MANHOLE

☐

 FIRE HYDRANT

☐

 INLET A

☐

 INLET B

☐

 INLET E

☐

 INLET OTHER

☐_W

 WATER VALVE

☐_{UP}

 UTILITY POLE

☐_{GV}

 GAS VALVE

☐_{WSV}

 WATER SERVICE VALVE

☐

 TREE

☐

 BUSH

☐_{98.5}

 SPOT ELEVATION

CONSULTANT SEAL

90%
DRAFT

JOHN K. RUSCHKE
N.Y. Professional Engineer Lic. No 071267-1

CONSULTANT INFORMATION

M

MOTT
MACDONALD

Certificate No. 0013600

Mott MacDonald NY Inc.

120 White Plains Road, Suite 140

Tarrytown, New York 10591

Tel: 914.292.1810 Fax: 914.292.1811

WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS

DIVISION OF ENGINEERING

REHABILITATION OF FARRAGUT AVENUE (C.R #151)

FROM THE FENWAY TO BROADWAY

VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK

SITE PLAN - STA. 12+00 TO 18+00

CONTRACT
NUMBER
20-510

SHEET
NUMBER
S-103

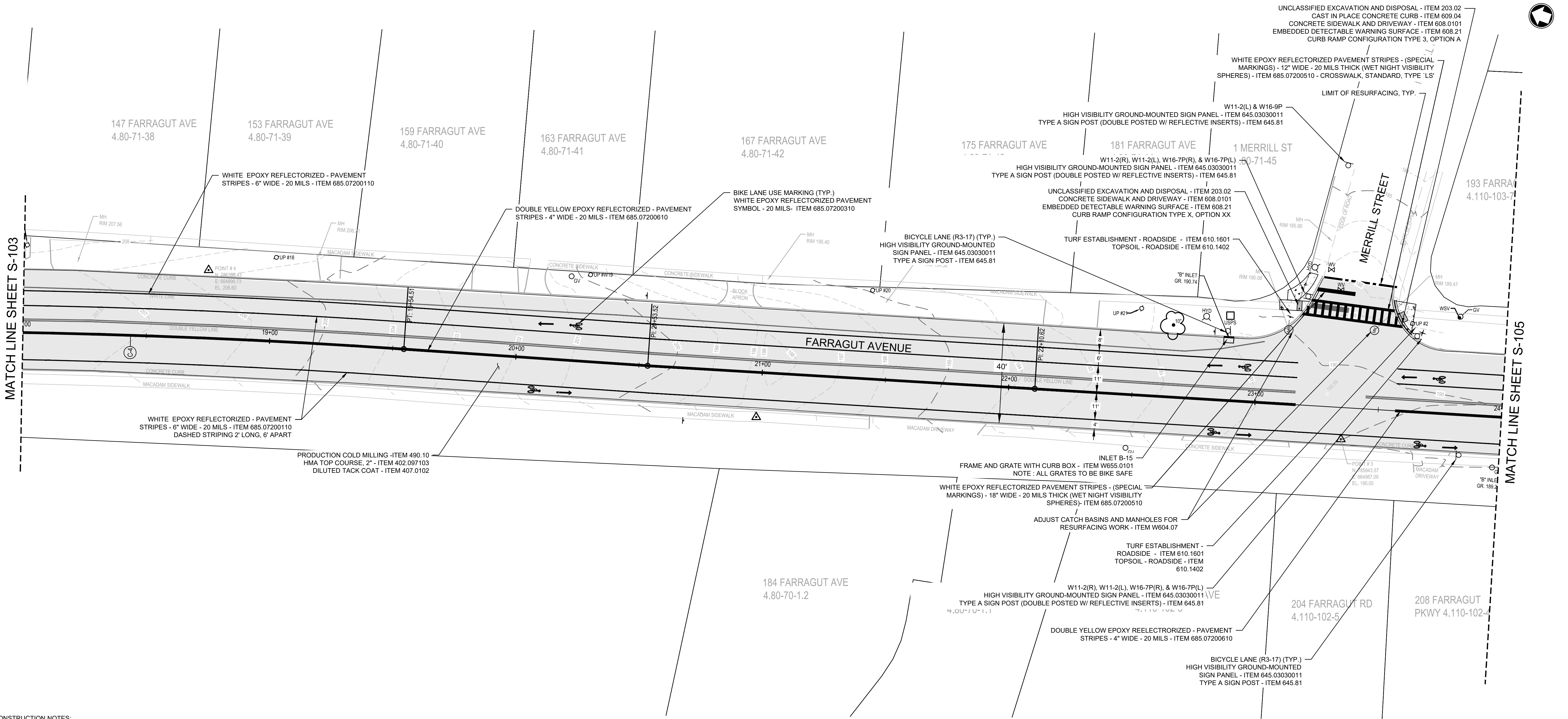
SHEET NO.07 OF 35

SCALE: 1" = 20'

DATE: 11/15/2021

DPW FILE NO.
XX-XX-XX-XX

REV.
NO.
0



CONSTRUCTION NOTES:

- ALL BASINS AND SELECT DRAINAGE PIPES (AS DIRECTED BY THE ENGINEER) WITHIN THE PROJECT LIMITS ARE TO BE CLEANED. PAYMENT UNDER ITEMS 621.03 AND 621.04.
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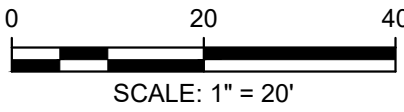
NOTES:

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- STATIONING SHOWN IS ASSUMED.

IN CHARGE OF **JOHN K. RUSCHKE, PE**
CHECKED BY **DANIEL HONOSHOWSKY, PE**
MADE BY **SAMANTHA J. ANELLO, PE**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

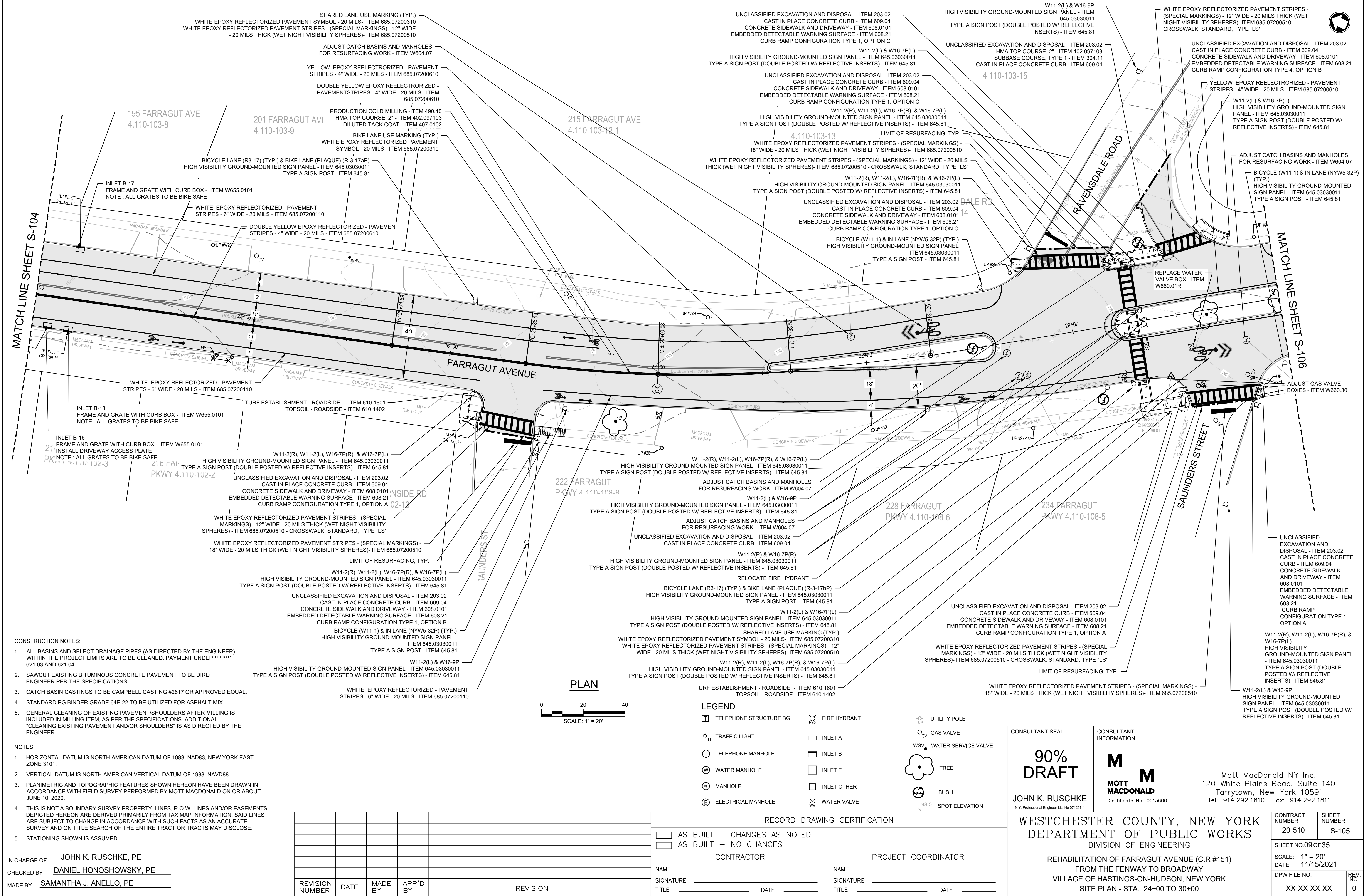
PLAN



LEGEND

- | | | |
|-------------------------------|----------------------------|--------------------------------------|
| ☐ TELEPHONE STRUCTURE BG | ⊗ FIRE HYDRANT | ☐ UTILITY POLE |
| ★ _{TL} TRAFFIC LIGHT | ☐ INLET A | ☐ _{GV} GAS VALVE |
| ① TELEPHONE MANHOLE | ☐ INLET B | WSV _W WATER SERVICE VALVE |
| ⊗ _W WATER MANHOLE | ☐ INLET E | ☁ TREE |
| ⊗ _M MANHOLE | ☐ INLET OTHER | ⊗ BUSH |
| Ⓜ ELECTRICAL MANHOLE | ⊗ _W WATER VALVE | Ⓧ _{98.5} SPOT ELEVATION |

CONSULTANT SEAL 90% DRAFT JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1	CONSULTANT INFORMATION M M MOTT MACDONALD Certificate No. 0013600 Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	CONTRACT NUMBER 20-510		SHEET NUMBER S-104
		SHEET NO.08 OF 35		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - STA. 18+00 TO 24+00		SCALE: 1" = 20' DATE: 11/15/2021 DPW FILE NO. XX-XX-XX-XX		REV. NO. 0



CONSTRUCTION NOTES:

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- STATIONING SHOWN IS ASSUMED.

IN CHARGE OF **JOHN K. RUSCHKE, PE**
CHECKED BY **DANIEL HONOSHOWSKY, PE**
MADE BY **SAMANTHA J. ANELLO, PE**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

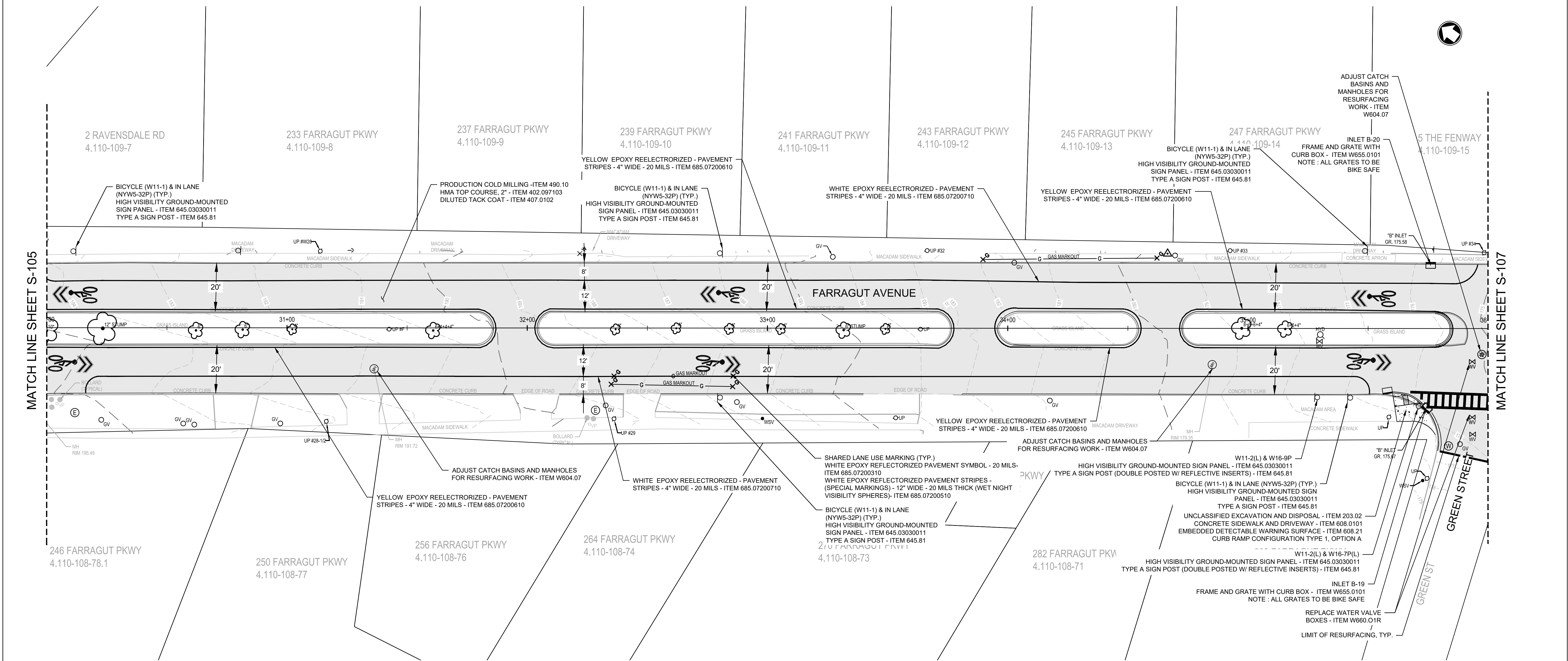
LEGEND

TELEPHONE STRUCTURE BG	FIRE HYDRANT	UTILITY POLE
TRAFFIC LIGHT	INLET A	GAS VALVE
TELEPHONE MANHOLE	INLET B	WATER SERVICE VALVE
WATER MANHOLE	INLET E	TREE
MANHOLE	INLET OTHER	BUSH
ELECTRICAL MANHOLE	WATER VALVE	SPOT ELEVATION

RECORD DRAWING CERTIFICATION

<input type="checkbox"/> AS BUILT - CHANGES AS NOTED	
<input type="checkbox"/> AS BUILT - NO CHANGES	
CONTRACTOR	
NAME _____	PROJECT COORDINATOR
SIGNATURE _____	NAME _____
TITLE _____ DATE _____	SIGNATURE _____
	TITLE _____ DATE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD	
JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1		Certificate No. 0013600	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING			
REHABILITATION OF FARRAGUT AVENUE (C.R. #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - STA. 24+00 TO 30+00			
CONTRACT NUMBER 20-510	SHEET NUMBER S-105	SHEET NO. 09 OF 35	
SCALE: 1" = 20' DATE: 11/15/2021		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



PLAN



CONSTRUCTION NOTES:

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LEGEND

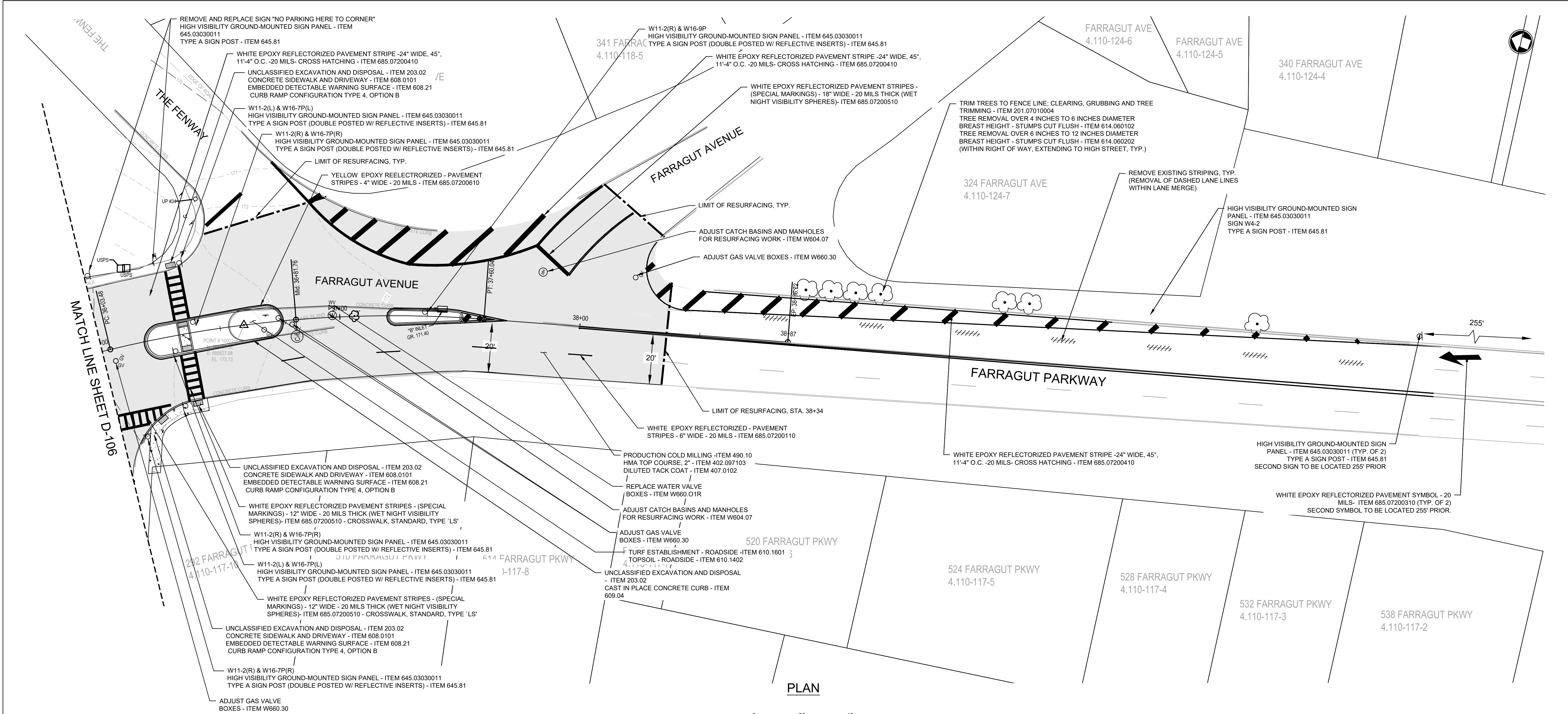
- | | | |
|------------------------|--------------|---------------------|
| TELEPHONE STRUCTURE BG | FIRE HYDRANT | UTILITY POLE |
| TRAFFIC LIGHT | INLET A | GAS VALVE |
| TELEPHONE MANHOLE | INLET B | WATER SERVICE VALVE |
| WATER MANHOLE | INLET E | TREE |
| MANHOLE | INLET OTHER | BUSH |
| ELECTRICAL MANHOLE | WATER VALVE | SPOT ELEVATION |

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
<div>90% DRAFT</div> <div>JOHN K. RUSCHKE</div> <div>N.Y. Professional Engineer Lic. No 071267-1</div>		<div>M M</div> <div>MOTT MACDONALD</div> <div>Certificate No. 0013600</div> <div>Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811</div>	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING			
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - STA. 30+00 TO 36+00		CONTRACT NUMBER 20-510	SHEET NUMBER S-106
		SHEET NO.10 OF 35	
		SCALE: 1" = 20' DATE: 11/15/2021	
		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0





















- NOTES:
1. HORIZONTAL DATUM IS NORTH AMERICAN DATUM OF 1983, NAD83; NEW YORK EAST ZONE 3101.
 2. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD88.
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 5. STATIONING SHOWN IS ASSUMED.

IN CHARGE OF <u>JOHN K. RUSCHKE, PE</u> CHECKED BY <u>DANIEL HONOSHOWSKY, PE</u> MADE BY <u>SAMANTHA J. ANELLO, PE</u>						RECORD DRAWING CERTIFICATION		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - STA. 36+00 TO 38+87	CONTRACT NUMBER 20-510	SHEET NUMBER S-107
						<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES			SHEET NO.11 OF 35	
						CONTRACTOR			PROJECT COORDINATOR	
						NAME _____			NAME _____	
						SIGNATURE _____			SIGNATURE _____	
						TITLE _____ DATE _____			TITLE _____ DATE _____	
	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION				DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST WESTCHESTER COUNTY DEPARTMENT OF PUBLIC WORKS REQUIREMENTS AND NEW YORK STATE SPECIFICATIONS, CONSTRUCTION DETAILS, AND STANDARD SHEETS.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO THE START OF CONSTRUCTION.
3. THE CONTRACTOR SHALL DIG TEST HOLES TO VERIFY THE LOCATION OF THE EXISTING TRAFFIC SIGNAL CONDUIT AND OTHER UTILITIES PRIOR TO EXCAVATING.
4. TRAFFIC SIGNAL LOOP DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 8 FEET APART UNLESS OTHERWISE INDICATED. THE TRAFFIC SIGNAL LOOP DETECTORS SHALL BE WIRES IN PARALLEL, AS SHOWN ON THE PLAN.
5. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS (CURB, SIDEWALK, ASPHALT, GUTTER, SOD, ETC.) IN-KIND.
6. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED OR INOPERABLE SIGNAL EQUIPMENT TO THE SATISFACTION OF THE ENGINEER.
7. THE CONTRACTOR SHALL REMOVE ANY AND ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS.

LEGEND

 TELEPHONE STRUCTURE BG	 FIRE HYDRANT	 UTILITY POLE
 TRAFFIC LIGHT	 INLET A	 GAS VALVE
 TELEPHONE MANHOLE	 INLET B	 WATER SERVICE VALVE
 WATER MANHOLE	 INLET E	 TREE
 MANHOLE	 INLET OTHER	 BUSH
 ELECTRICAL MANHOLE	 WATER VALVE	 SPOT ELEVATION

CONSULTANT SEAL		CONSULTANT INFORMATION			
<div>90% DRAFT</div> <div>JOHN K. RUSCHKE</div> <div>N.Y. Professional Engineer Lic. No 071267-1</div>		<div>M</div> <div>M</div> <div>MOTT MACDONALD</div> <div>Certificate No. 0013600</div>		<div>Mott MacDonald NY Inc.</div> <div>120 White Plains Road, Suite 140</div> <div>Tarrytown, New York 10591</div> <div>Tel: 914.292.1810 Fax: 914.292.1811</div>	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING				CONTRACT NUMBER 20-510	SHEET NUMBER S-108
				SHEET NO. 12 OF 35	
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK SITE PLAN - LOOP DETOUR PLAN				SCALE: 1" = 20'	
				DATE: 11/15/2021	
				DPW FILE NO. XX-XX-XX-XX	REV. NO. 0

BASELINE ALIGNMENT DATA			
POINT	STATION	COORDINATES	
		NORTHING	EASTING
FARRAGUT AVENUE			
BP/PT	0+00.00	787869.634	663769.070
PC	0+88.43	787806.573	663831.068
PT	1+63.69	787753.577	663884.493
PI	3+30.45	787637.630	664004.349
PI	4+05.34	787589.090	664061.378
PC	7+14.58	787373.942	664283.508
PCC	10+04.70	787160.543	664479.879
PT	15+39.52	786703.948	664754.395
PC	16+03.55	786644.716	664778.700
PT	19+54.51	786313.190	664893.285
PI	20+53.52	786217.929	664920.283
PI	22+10.62	786067.155	664964.439
PI	25+71.89	785720.337	665065.582
PC	26+36.59	785658.383	665084.238
PT	27+63.56	785541.573	665133.391
PI	28+31.05	785483.600	665167.954
PC	36+03.48	784842.169	665598.319
PT	37+60.04	784700.732	665663.940
EP	38+86.72	784578.913	665698.686

BASELINE CURVE DATA						
CURVE NUMBER	DELTA	RADIUS	LENGTH	TANGENT	COORDINATES	
					NORTHING	EASTING
FARRAGUT AVENUE						
C-1	1°26'14.00"	3000.00'	75.25'	37.63'	789909.767	665970.361
C-2	5°47'58.00"	2,866.30'	290.12'	145.19'	785328.847	662275.209
C-3	17°24'39.00"	1760.00'	534.82'	269.49'	786035.823	663126.141
C-4	6°29'12.00"	3,100.00'	350.96'	175.67'	785467.905	661910.753
C-5	12°07'28.00"	600.00'	126.97'	63.72'	785831.385	665658.756
C-6	17°56'24.00"	500.00'	156.56'	78.92'	784563.590	665183.116

IN CHARGE OF JOHN K. RUSCHKE, PE

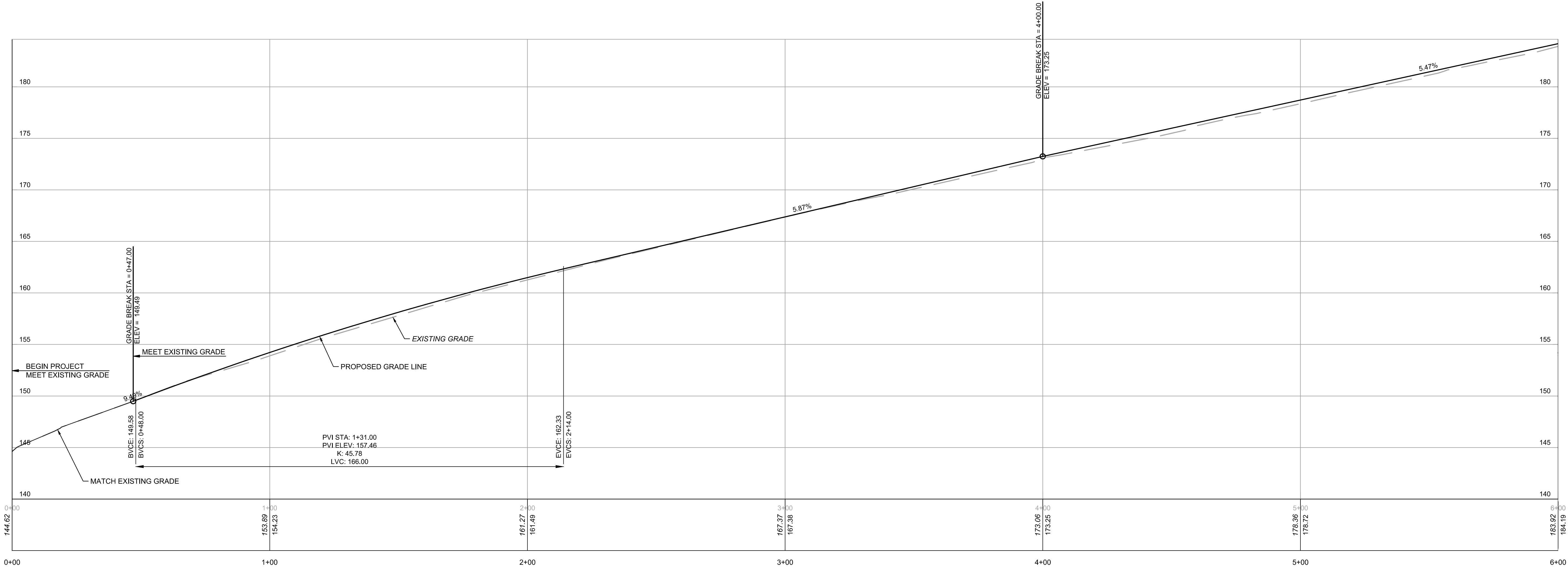
CHECKED BY MIKE GREENDYK, PE

MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<div><input type="checkbox"/> AS BUILT – CHANGES AS NOTED</div> <div><input type="checkbox"/> AS BUILT – NO CHANGES</div>			
CONTRACTOR		PROJECT COORDINATOR	
NAME	_____	NAME	_____
SIGNATURE	_____	SIGNATURE	_____
TITLE	_____ DATE _____	TITLE	_____ DATE _____

<div>CONSULTANT SEAL</div> <div>90% DRAFT</div> <div>JOHN K. RUSCHKE</div> <div><small>N.Y. Professional Engineer Lic. No 071267-1</small></div>	<div>CONSULTANT INFORMATION</div> <div><div><div>M</div><div>MOTT MACDONALD</div><div><small>Certificate No. 0013600</small></div></div><div><div>Mott MacDonald NY Inc.</div><div>120 White Plains Road, Suite 140</div><div>Tarrytown, New York 10591</div><div>Tel: 914.292.1810 Fax: 914.292.1811</div></div></div>		
	WESTCHESTER COUNTY, NEW YORK		
	DEPARTMENT OF PUBLIC WORKS		
	DIVISION OF ENGINEERING		
REHABILITATION OF FARRAGUT AVENUE (C.R #151)		CONTRACT NUMBER	SHEET NUMBER
FROM THE FENWAY TO BROADWAY		20-510	S-109
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK		SHEET NO.13 of 35	
SITE PLAN - HORIZONTAL ALIGNMENT DATA		SCALE: NTS	
		DATE: 11/15/2021	
		DPW FILE NO.	REV. NO.
		XX-XX-XX-XX	0



FARRAGUT AVENUE CONSTRUCTION BASELINE PROFILE

VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=20'

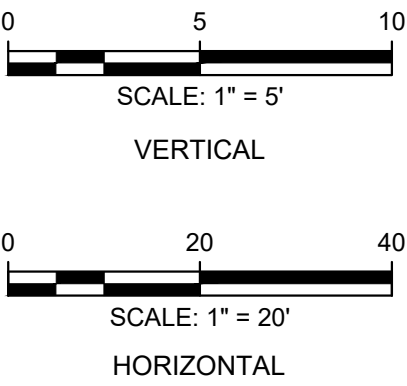
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DESIGN SPEED 40 MPH

SURVEY DATUMS
VERTICAL DATUM - NAVD 1988
HORIZONTAL DATUM - NAD 1983 (NEW YORK EAST ZONE 3101)

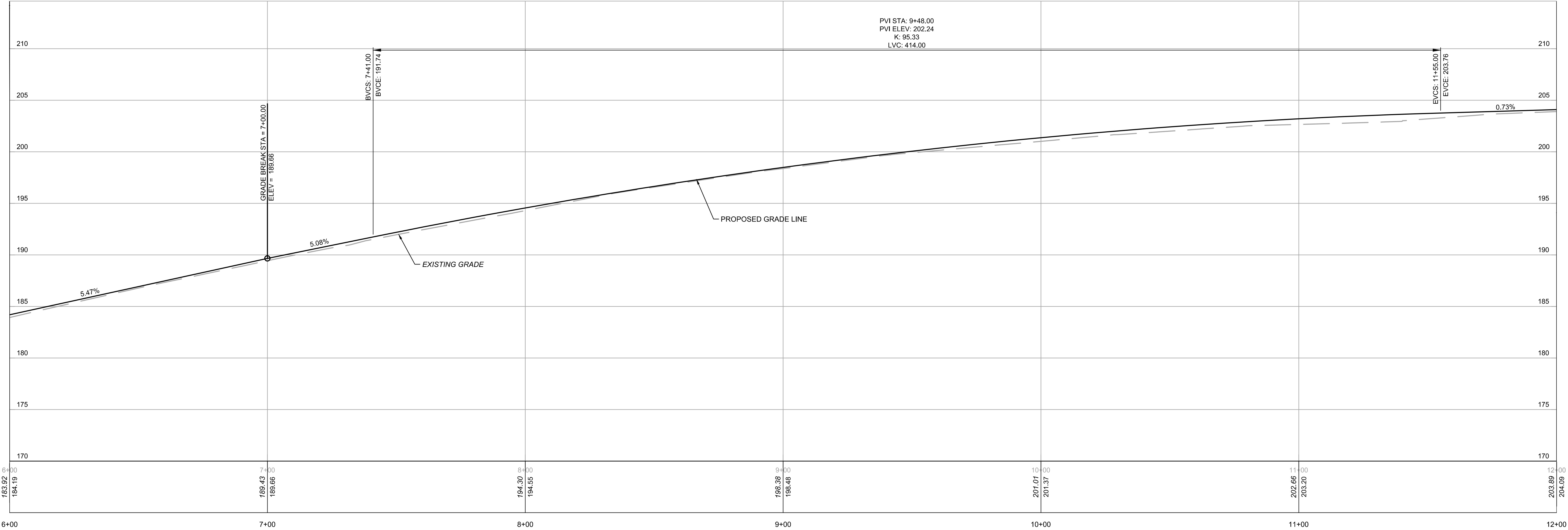
IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY MICHAEL GREENDYK, PE
MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____		NAME _____	
SIGNATURE _____		SIGNATURE _____	
TITLE _____	DATE _____	TITLE _____	DATE _____

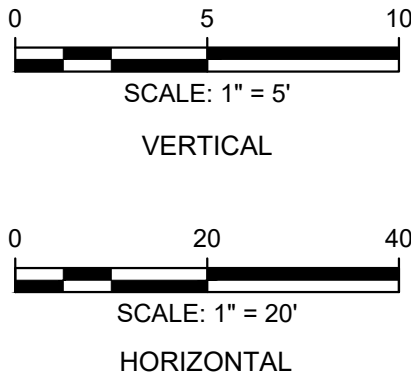


CONSULTANT SEAL		CONSULTANT INFORMATION	
<div>90% DRAFT</div> <div>JOHN K. RUSCHKE</div> <div><small>N.Y. Professional Engineer Lic. No 071267-1</small></div>		<div><div>M</div><div>MOTT MACDONALD</div><div><small>Certificate No. 0013600</small></div></div> <div>Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811</div>	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER P-101
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK PROFILE - STA. 0+00 TO 6+00		SHEET NO.01 OF 35 SCALE: AS SHOWN DATE: 11/15/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	



FARRAGUT AVENUE CONSTRUCTION BASELINE PROFILE

VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=20'



POSTED SPEED 35 MPH
DESIGN SPEED 40 MPH

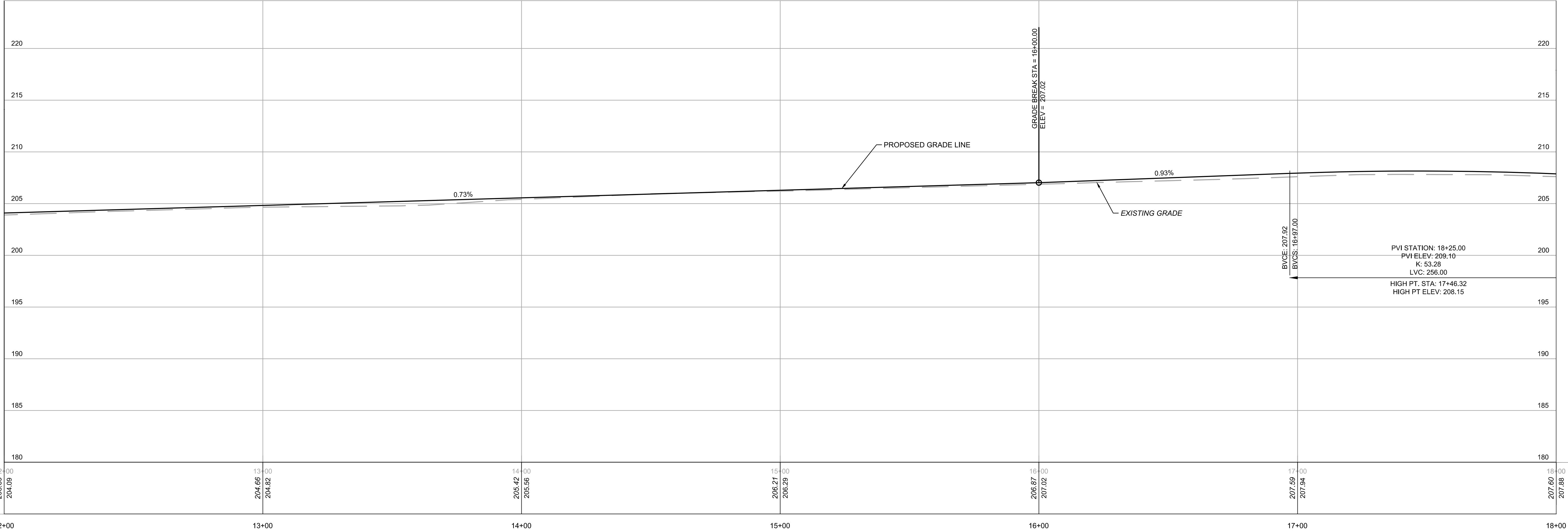
SURVEY DATUMS
VERTICAL DATUM - NAVD 1988
HORIZONTAL DATUM - NAD 1983 (NEW YORK EAST ZONE 3101)

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY MICHAEL GREENDYK, PE
MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____		NAME _____	
SIGNATURE _____		SIGNATURE _____	
TITLE _____ DATE _____		TITLE _____ DATE _____	

<div>CONSULTANT SEAL</div> <div>90% DRAFT</div> <div>JOHN K. RUSCHKE</div> <div><small>N.Y. Professional Engineer Lic. No 071267-1</small></div>	<div>CONSULTANT INFORMATION</div> <div>M MOTT MACDONALD</div> <div>Certificate No. 0013600</div>	<div>Mott MacDonald NY Inc.</div> <div>120 White Plains Road, Suite 140</div> <div>Tarrytown, New York 10591</div> <div>Tel: 914.292.1810 Fax: 914.292.1811</div>	
		CONTRACT NUMBER 20-510	SHEET NUMBER P-102
		SHEET NO. 15 OF 35	
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK PROFILE - STA. 6+00 TO 12+00		SCALE: AS SHOWN DATE: 11/15/2021 DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



FARRAGUT AVENUE CONSTRUCTION BASELINE PROFILE
VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=20'

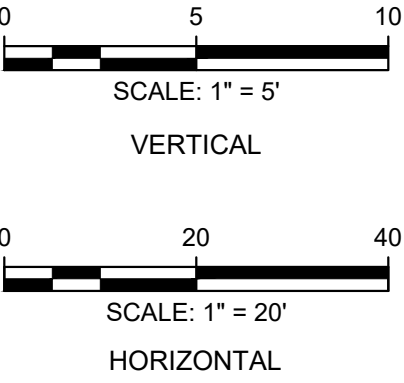
POSTED SPEED 35 MPH
DESIGN SPEED 40 MPH

SURVEY DATUMS
VERTICAL DATUM - NAVD 1988
HORIZONTAL DATUM - NAD 1983 (NEW YORK EAST ZONE 3101)

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY MICHAEL GREENDYK, PE
MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

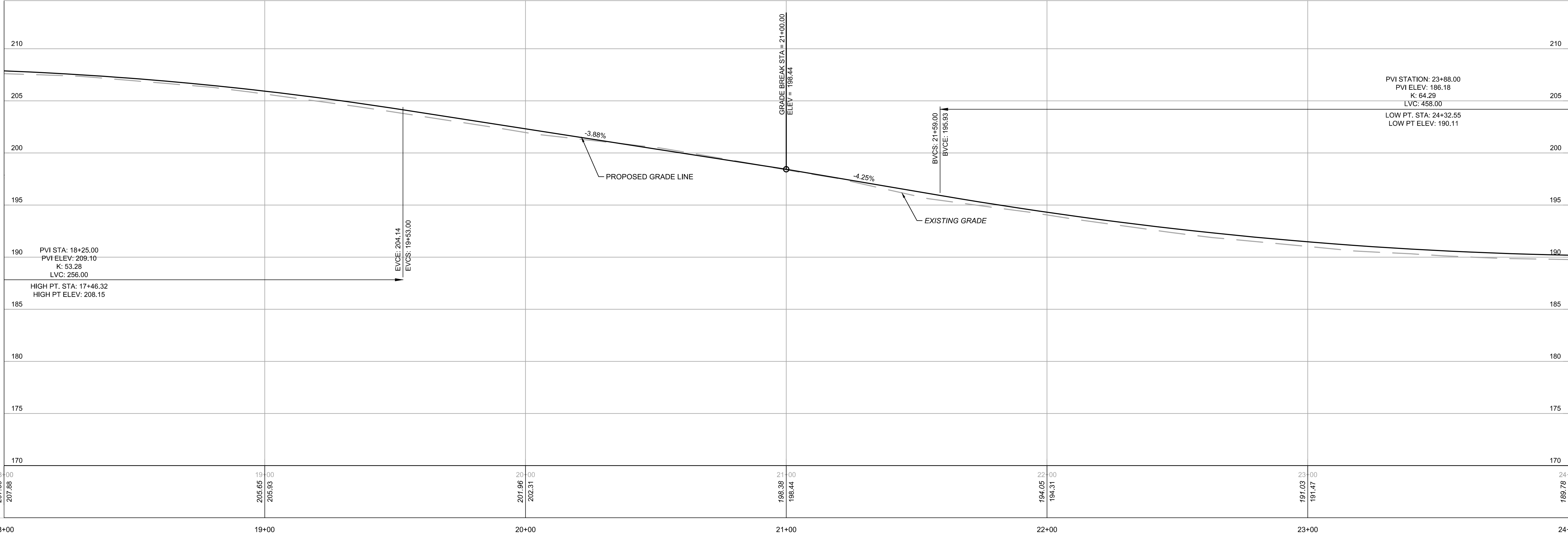
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____		NAME _____	
SIGNATURE _____		SIGNATURE _____	
TITLE _____	DATE _____	TITLE _____	DATE _____



CONSULTANT SEAL 90% DRAFT JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>	CONSULTANT INFORMATION M M MOTT MACDONALD <small>Certificate No. 0013600</small>	Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811
	WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING	
	CONTRACT NUMBER 20-510	SHEET NUMBER P-103

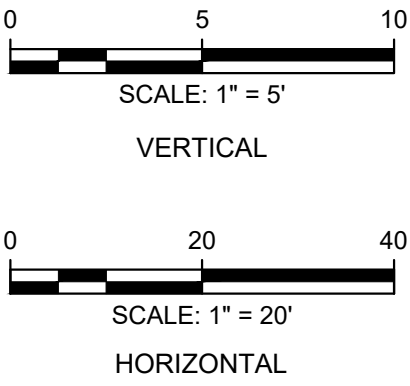
SHEET NO. 16 OF 35	
SCALE: AS SHOWN DATE: 11/15/2021	
DPW FILE NO. XX-XX-XX-XX	REV. NO. 0

REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
PROFILE - STA. 12+00 TO 18+00



FARRAGUT AVENUE CONSTRUCTION BASELINE PROFILE

VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=20'



POSTED SPEED 35 MPH
DESIGN SPEED 40 MPH

SURVEY DATUMS
VERTICAL DATUM - NAVD 1988
HORIZONTAL DATUM - NAD 1983 (NEW YORK EAST ZONE 3101)

IN CHARGE OF **JOHN K. RUSCHKE, PE**
CHECKED BY **MICHAEL GREENDYK, PE**
MADE BY **DREW T. KINGHORN, EIT**

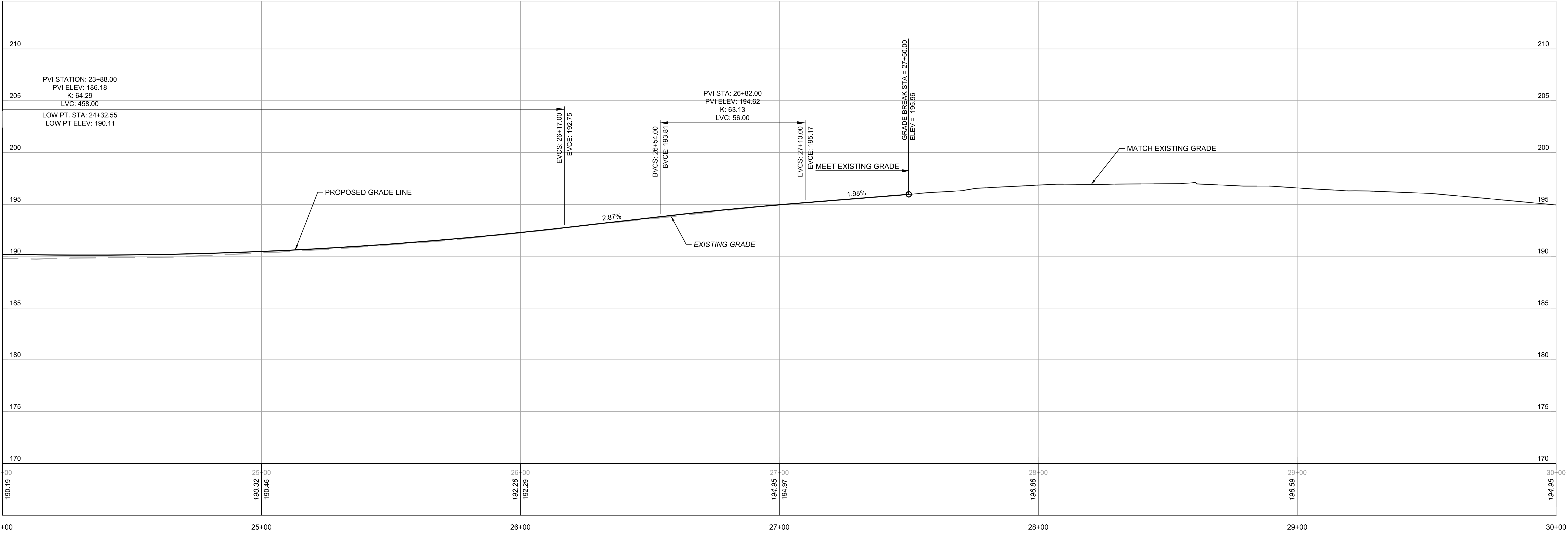
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____		
SIGNATURE _____	SIGNATURE _____		
TITLE _____	TITLE _____		
DATE _____	DATE _____		

CONSULTANT SEAL 90% DRAFT JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>	CONSULTANT INFORMATION M M MOTT MACDONALD Certificate No. 0013600	Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING	
		CONTRACT NUMBER 20-510	SHEET NUMBER P-104

SHEET NO. 17 OF 35	
SCALE: AS SHOWN DATE: 11/15/2021	
DPW FILE NO. XX-XX-XX-XX	REV. NO. 0

REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
PROFILE - STA. 18+00 TO 24+00



FARRAGUT AVENUE CONSTRUCTION BASELINE PROFILE

VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=20'

POSTED SPEED 35 MPH
DESIGN SPEED 40 MPH

SURVEY DATUMS
VERTICAL DATUM - NAVD 1988
HORIZONTAL DATUM - NAD 1983 (NEW YORK EAST ZONE 3101)

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY MICHAEL GREENDYK, PE
MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____		
SIGNATURE _____	SIGNATURE _____		
TITLE _____	TITLE _____		
DATE _____	DATE _____		

CONSULTANT SEAL

90%
DRAFT

JOHN K. RUSCHKE
N.Y. Professional Engineer Lic. No 071267-1

CONSULTANT
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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
PROFILE - STA. 24+00 TO 30+00

CONTRACT
NUMBER
20-510

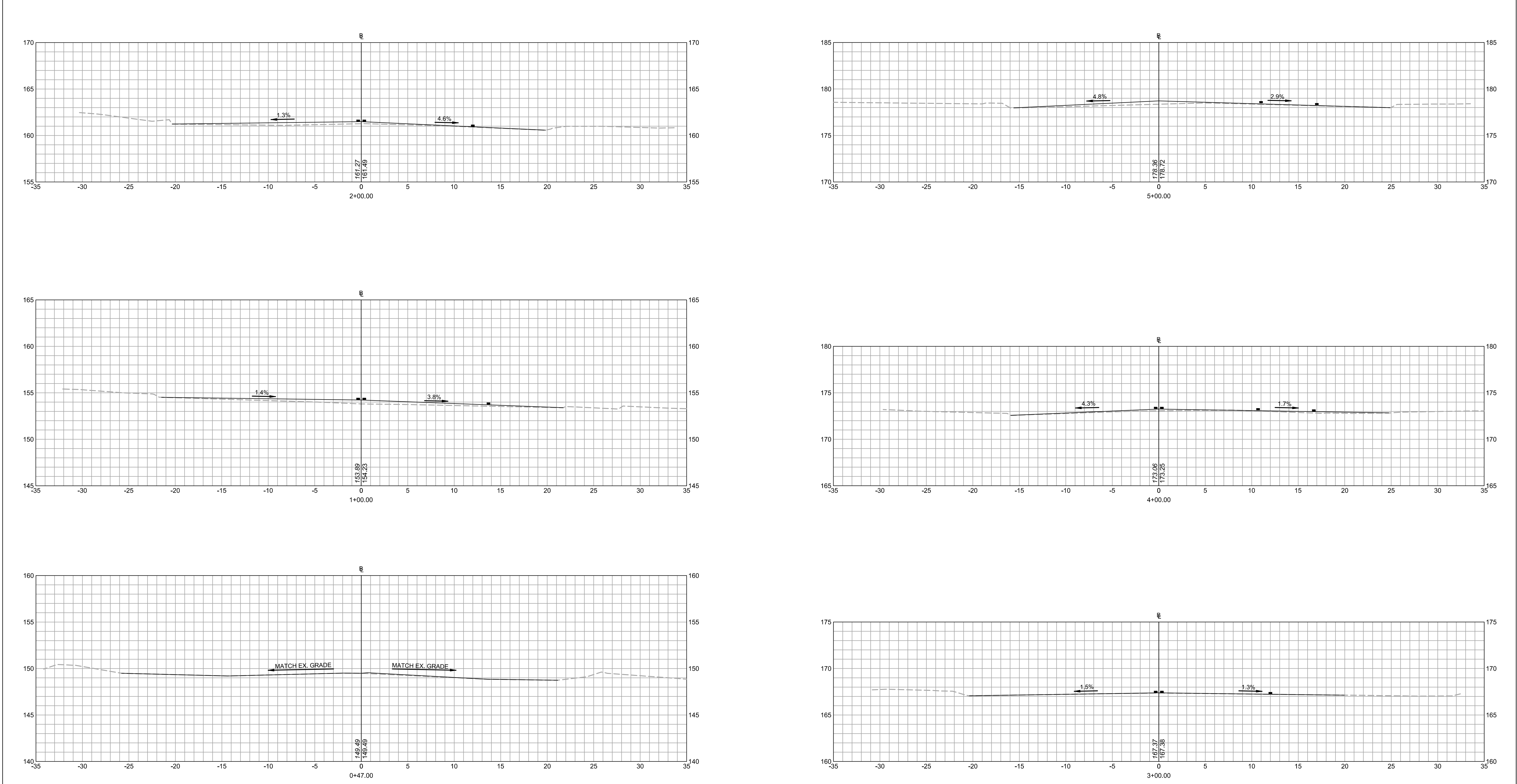
SHEET
NUMBER
P-105

SHEET NO. 18 OF 35

SCALE: AS SHOWN
DATE: 11/15/2021

DPW FILE NO.
XX-XX-XX-XX

REV.
NO.
0



IN CHARGE OF JOHN K. RUSCHKE, PE

CHECKED BY MICHAEL GREENDYK, PE

MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED

☐ AS BUILT – NO CHANGES

CONTRACTOR

NAME _____

SIGNATURE _____

TITLE _____ DATE _____

PROJECT COORDINATOR

NAME _____

SIGNATURE _____

TITLE _____ DATE _____

CONSULTANT SEAL

90% DRAFT

JOHN K. RUSCHKE

N.Y. Professional Engineer Lic. No 071267-1

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WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS

DIVISION OF ENGINEERING

REHABILITATION OF FARRAGUT AVENUE (C.R #151)

FROM THE FENWAY TO BROADWAY

VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK

CROSS SECTIONS - STA. 0+47 TO 5+00

CONTRACT NUMBER

20-510

SHEET NUMBER

XS-101

SHEET NO. 19 OF 35

SCALE: 1" = 5'

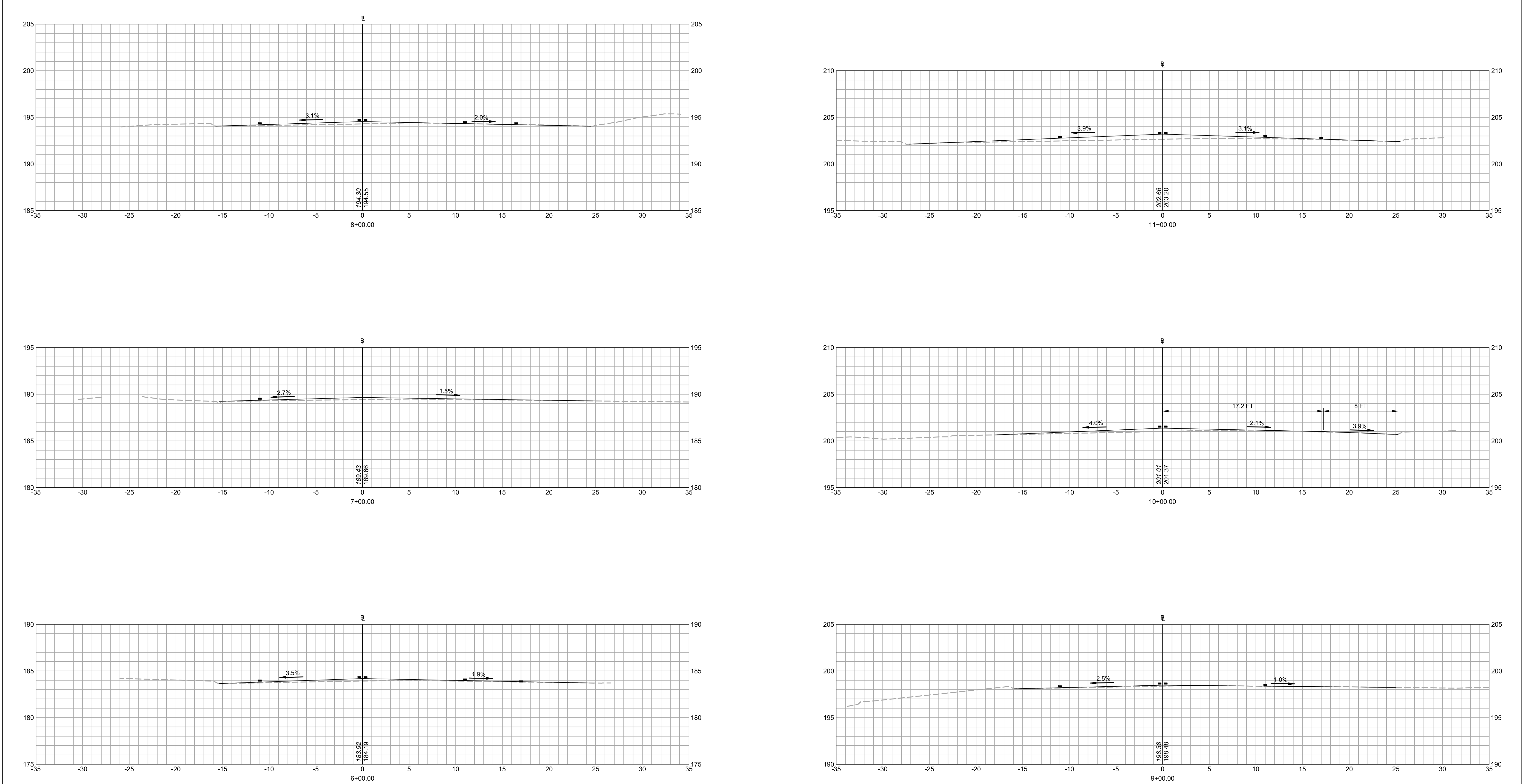
DATE: 11/15/2021

DPW FILE NO.

XX-XX-XX-XX

REV. NO.

0



IN CHARGE OF JOHN K. RUSCHKE, PE

CHECKED BY MICHAEL GREENDYK, PE

MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED

☐ AS BUILT – NO CHANGES

CONTRACTOR

NAME _____

SIGNATURE _____

TITLE _____ DATE _____

PROJECT COORDINATOR

NAME _____

SIGNATURE _____

TITLE _____ DATE _____

CONSULTANT SEAL

90% DRAFT

JOHN K. RUSCHKE

N.Y. Professional Engineer Lic. No 071267-1

CONSULTANT INFORMATION

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Tarrytown, New York 10591
Tel: 914.292.1810 Fax: 914.292.1811

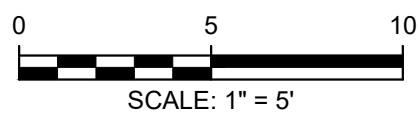
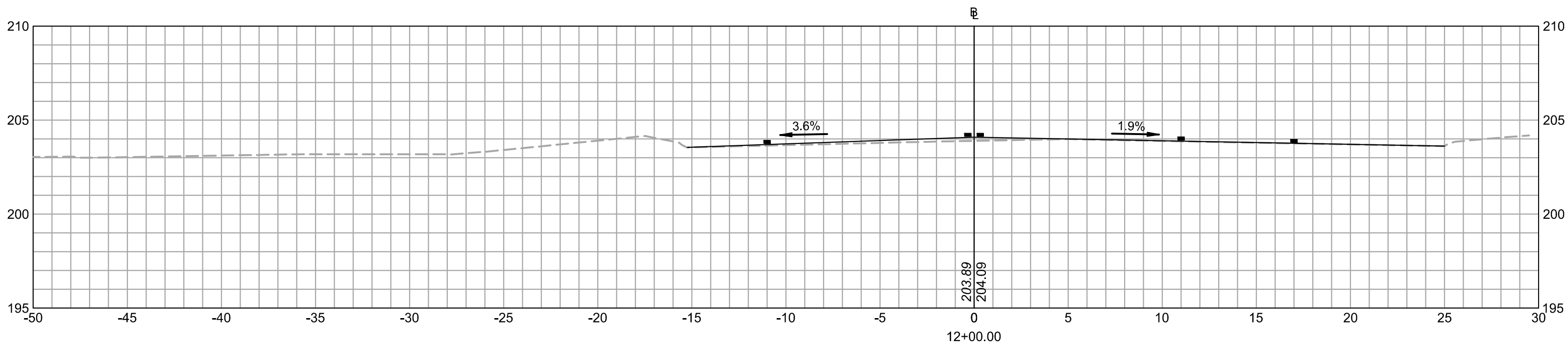
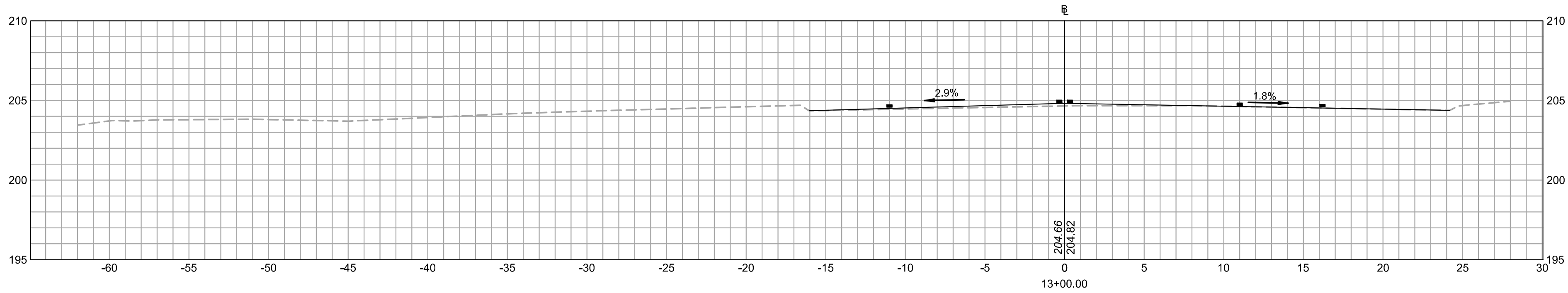
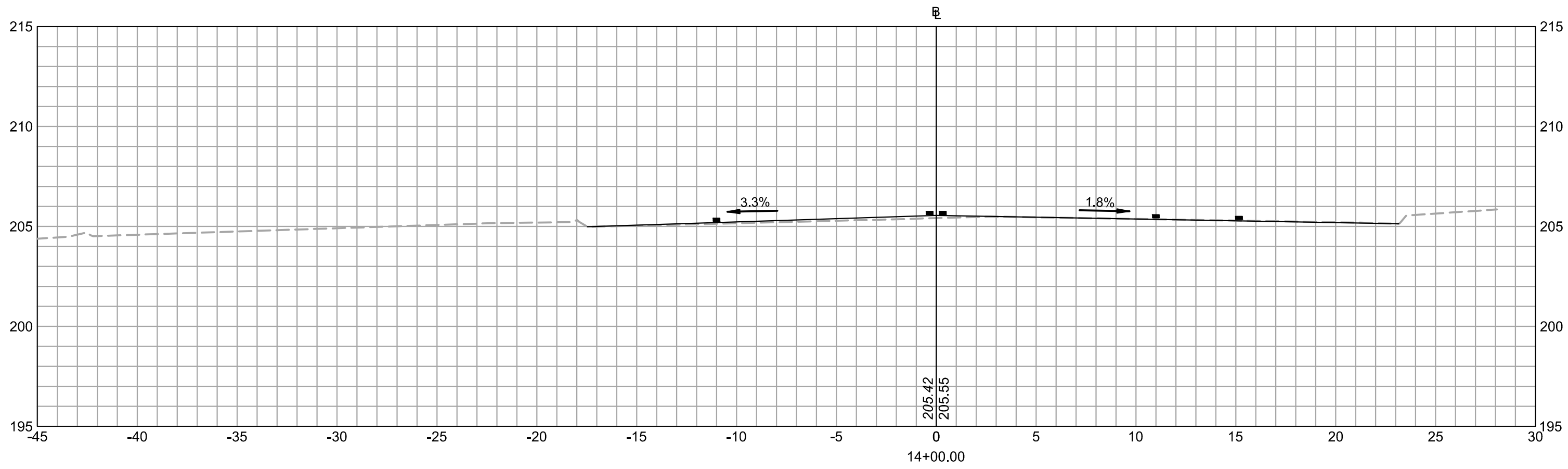
WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS

DIVISION OF ENGINEERING

REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
CROSS SECTIONS - STA. 6+00 TO 11+00

CONTRACT NUMBER	SHEET NUMBER
20-510	XS-102
SHEET NO.20 OF 35	
SCALE: 1" = 5'	DATE: 11/15/2021
DPW FILE NO.	REV. NO.
XX-XX-XX-XX	0

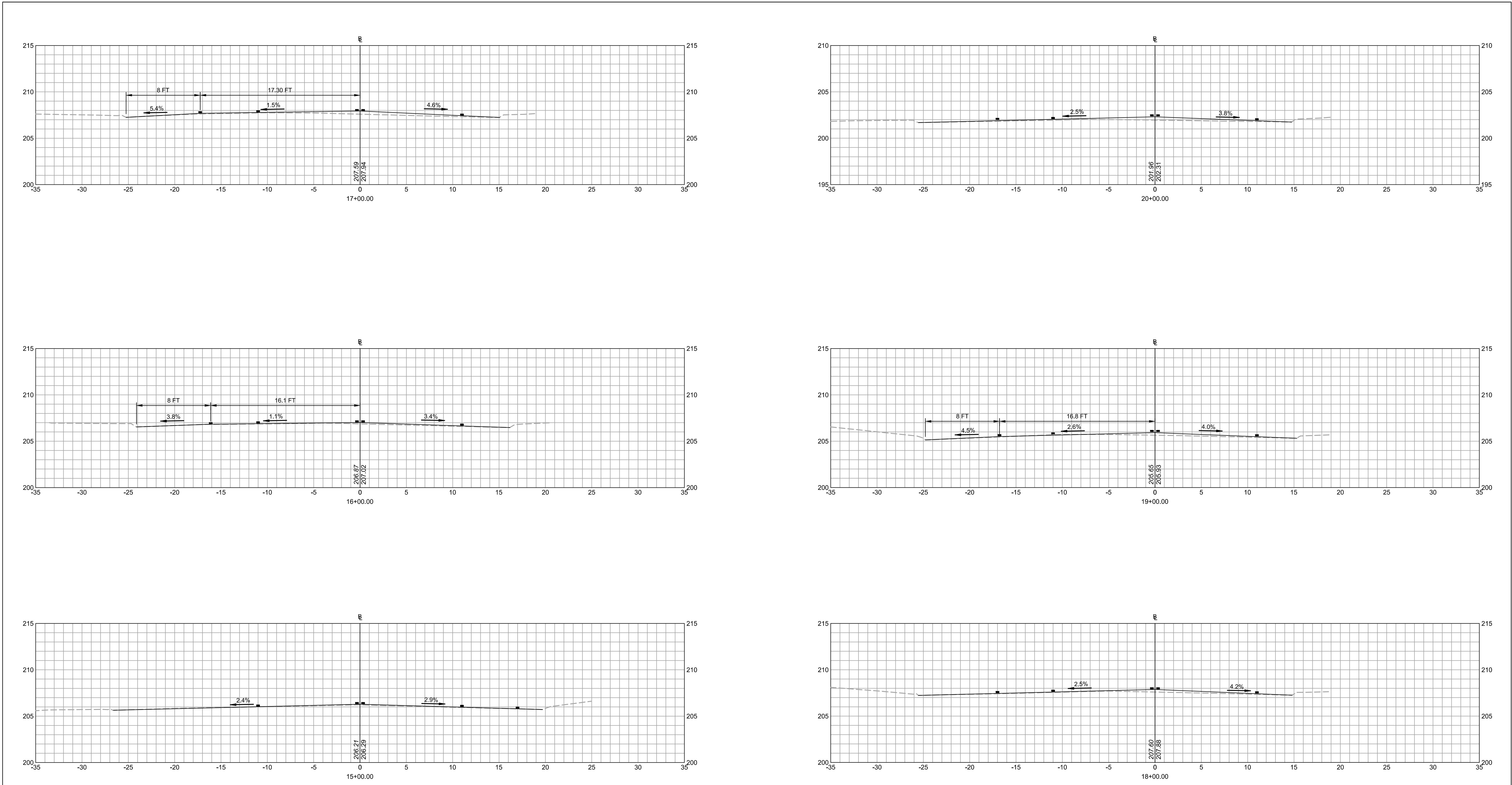


IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY MICHAEL GREENDYK, PE
MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____		NAME _____	
SIGNATURE _____		SIGNATURE _____	
TITLE _____ DATE _____		TITLE _____ DATE _____	

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD Certificate No. 0013600	
JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING			
CONTRACT NUMBER 20-510	SHEET NUMBER XS-103	SHEET NO. 21 OF 35	
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK CROSS SECTIONS - STA. 12+00 TO 14+00		SCALE: 1" = 5' DATE: 11/15/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	



IN CHARGE OF
CHECKED BY
MADE BY

JOHN K. RUSCHKE, PE
MICHAEL GREENDYK, PE
DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED
☐ AS BUILT – NO CHANGES

CONTRACTOR

NAME
SIGNATURE
TITLE

PROJECT COORDINATOR

NAME
SIGNATURE
TITLE

CONSULTANT SEAL

90% DRAFT

JOHN K. RUSCHKE
N.Y. Professional Engineer Lic. No 071267-1

CONSULTANT INFORMATION

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WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
CROSS SECTIONS - STA. 15+00 TO 20+00

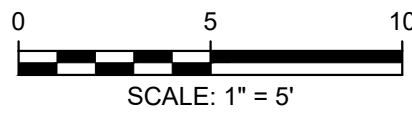
CONTRACT NUMBER
20-510

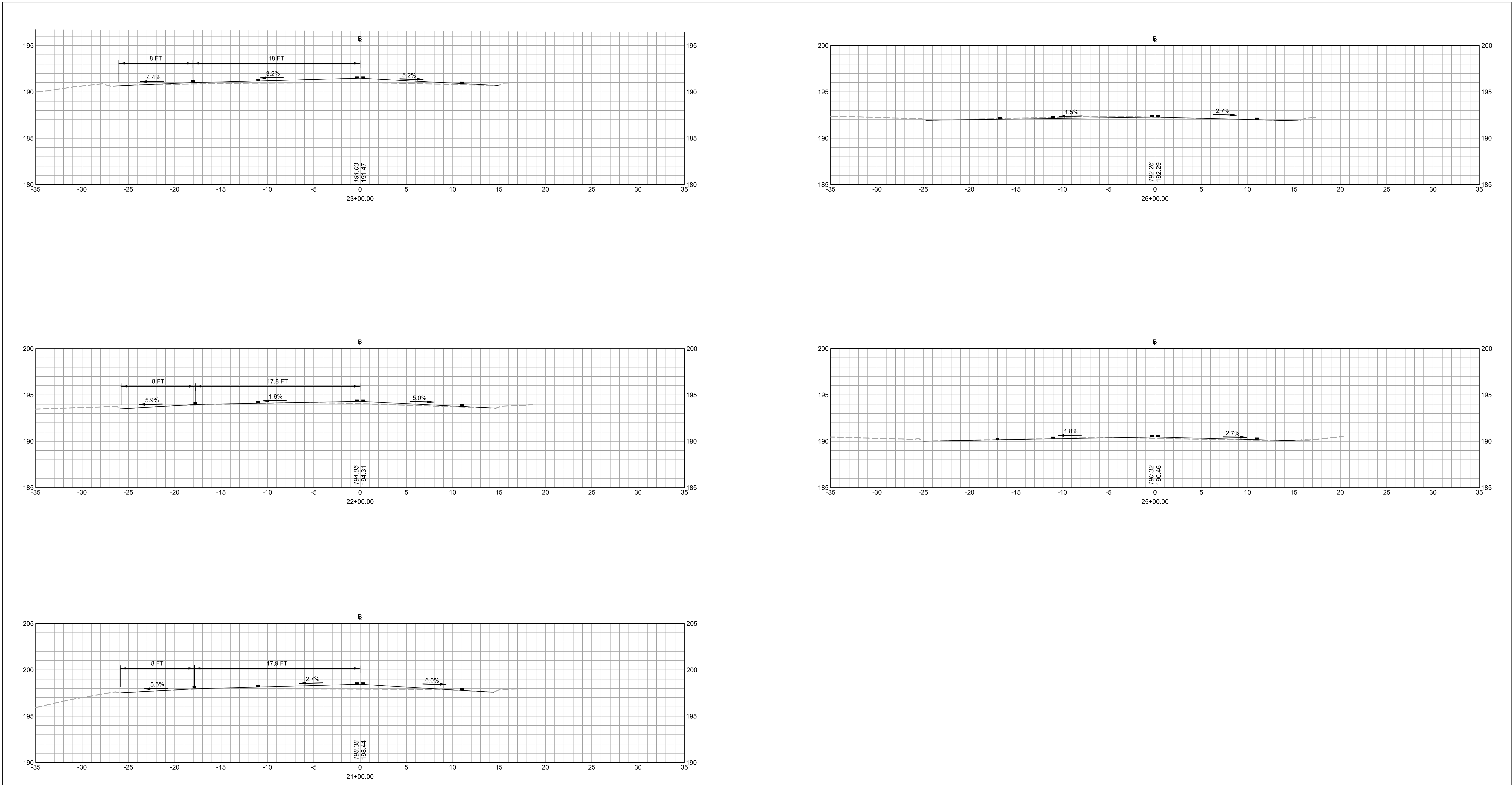
SHEET NUMBER
XS-104

SHEET NO.22 OF 35

SCALE: 1" = 5'
DATE: 11/15/2021
DPW FILE NO.
XX-XX-XX-XX

REV. NO.
0





IN CHARGE OF JOHN K. RUSCHKE, PE

CHECKED BY MICHAEL GREENDYK, PE

MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED

☐ AS BUILT – NO CHANGES

CONTRACTOR

NAME _____

SIGNATURE _____

TITLE _____ DATE _____

PROJECT COORDINATOR

NAME _____

SIGNATURE _____

TITLE _____ DATE _____

CONSULTANT SEAL

90% DRAFT

JOHN K. RUSCHKE

N.Y. Professional Engineer Lic. No 071267-1

CONSULTANT INFORMATION

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WESTCHESTER COUNTY, NEW YORK

DEPARTMENT OF PUBLIC WORKS

DIVISION OF ENGINEERING

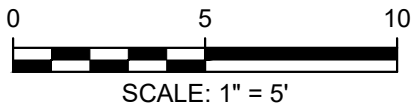
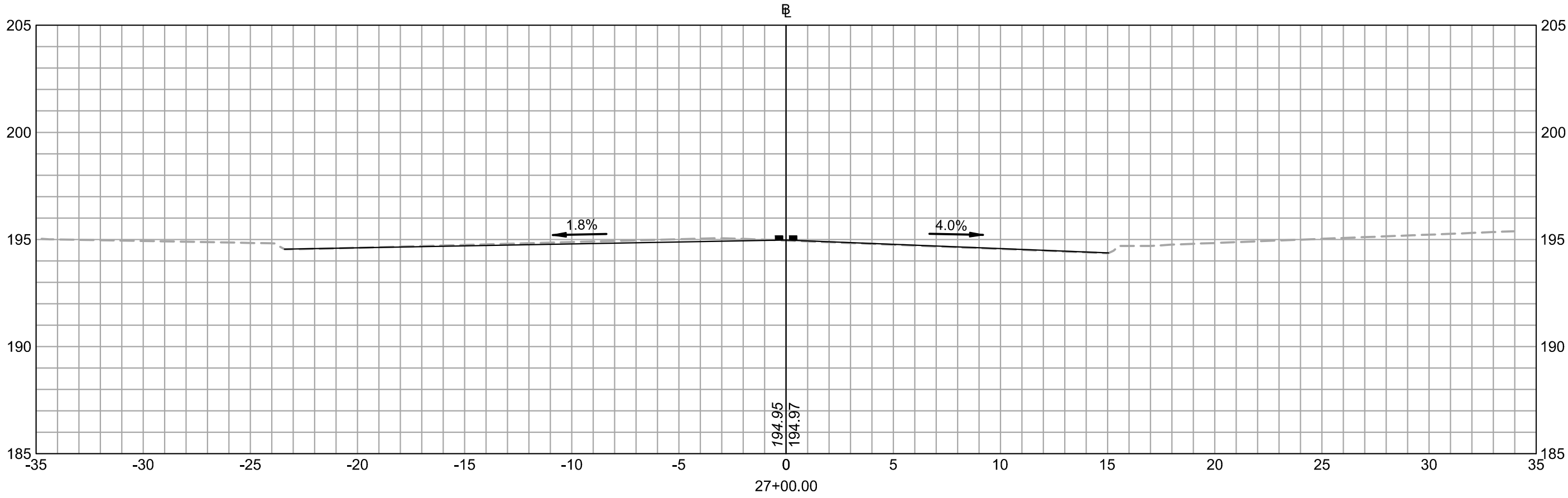
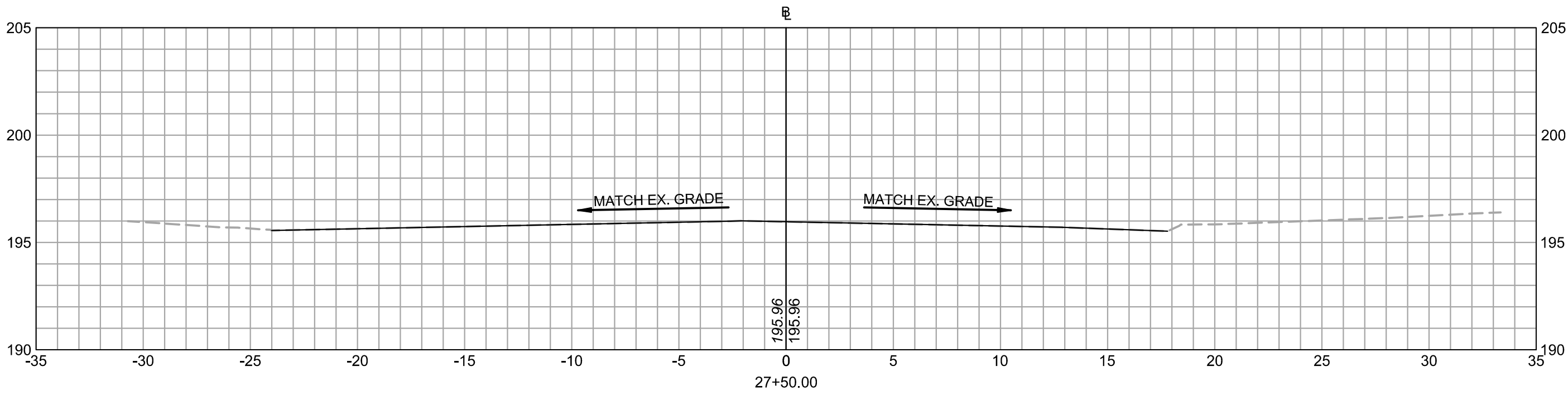
REHABILITATION OF FARRAGUT AVENUE (C.R #151)

FROM THE FENWAY TO BROADWAY

VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK

CROSS SECTIONS - STA. 21+00 TO 26+00

CONTRACT NUMBER	SHEET NUMBER
20-510	XS-105
SHEET NO.23 OF 35	
SCALE: 1" = 5'	
DATE: 11/15/2021	
DPW FILE NO.	REV. NO.
XX-XX-XX-XX	0



IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY MICHAEL GREENDYK, PE
MADE BY DREW T. KINGHORN, EIT

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____		NAME _____	
SIGNATURE _____		SIGNATURE _____	
TITLE _____ DATE _____		TITLE _____ DATE _____	

CONSULTANT SEAL		CONSULTANT INFORMATION	
<div>90% DRAFT</div> <div>JOHN K. RUSCHKE</div> <div><small>N.Y. Professional Engineer Lic. No 071267-1</small></div>		<div><div>M</div><div>MOTT MACDONALD</div><div>Certificate No. 0013600</div></div> <div>Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811</div>	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 20-510	SHEET NUMBER XS-106
DEPARTMENT OF PUBLIC WORKS		SHEET NO.24 OF 35	
DIVISION OF ENGINEERING		SCALE: 1" = 5' DATE: 11/15/2021	
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK CROSS SECTIONS - STA. 27+00 TO 27+50		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



- NOTES:

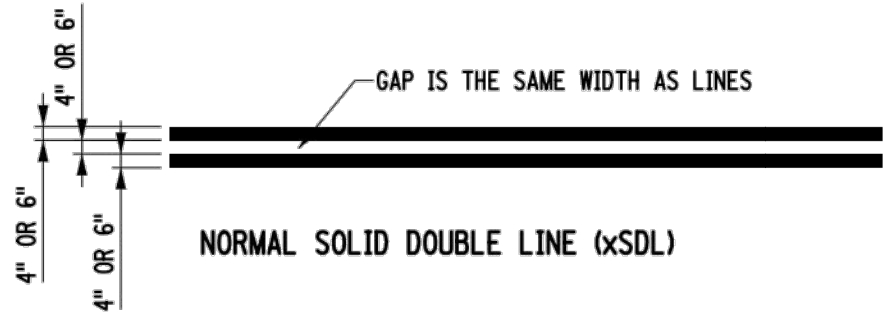
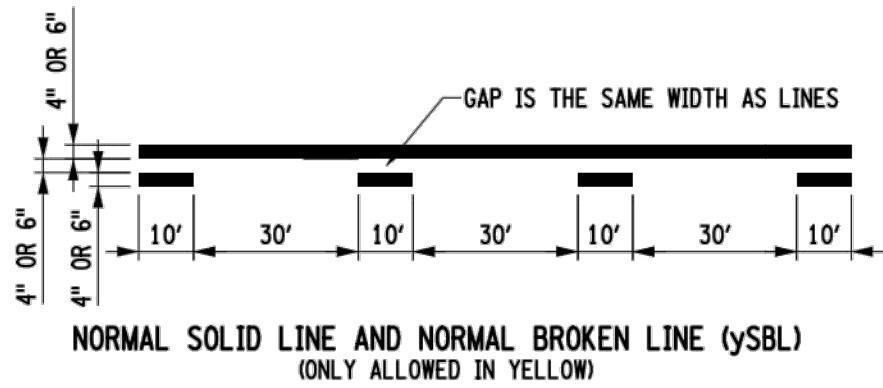
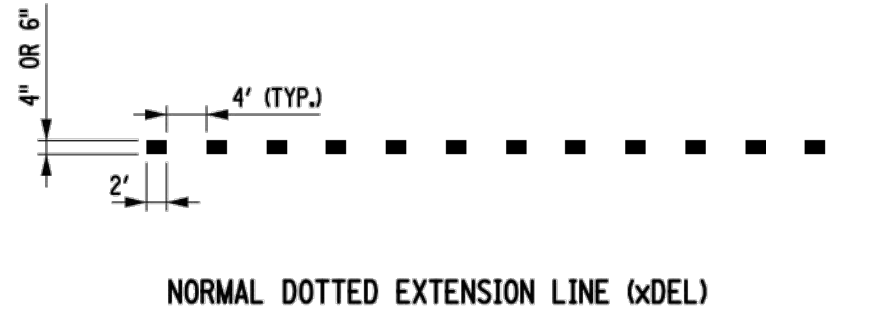
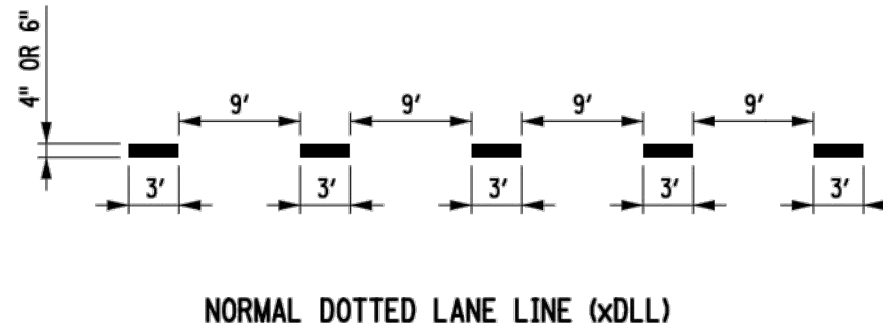
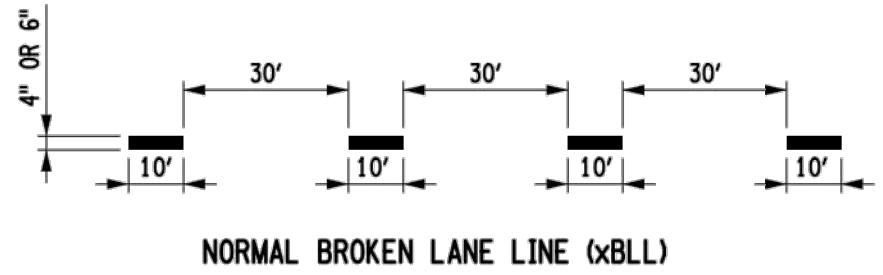
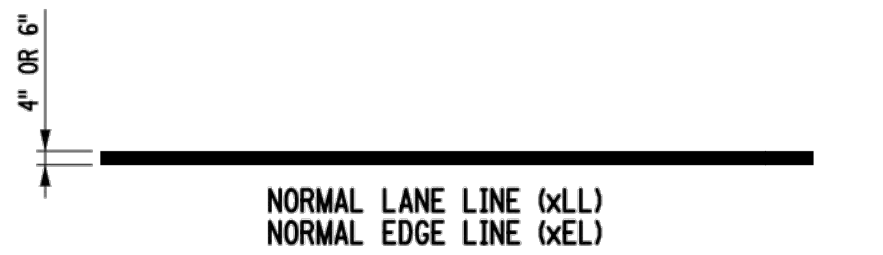
1. AT SIGNALIZED INTERSECTIONS, AT LEAST ONE SIGNAL HEAD FOR THE THROUGH MOVEMENT AND AT LEAST ONE FOR EXCLUSIVE RIGHT OR LEFT TURN-LANES (IF PROVIDED) ARE REQUIRED TO BE AT LEAST 40'-0" BEYOND THE STOP LINE FOR THE LANES THEY CONTROL. THIS MAY PLACE THE STOP LINE MORE THAN 4'-0" UPSTREAM FROM THE CROSSWALK.
2. DISCONTINUE BIKE LANE MARKINGS AT LEAST 100'-0" BEFORE INTERSECTION IF NO MARKED BIKE LANE IS PRESENT DOWNSTREAM.

1. SEE STANDARD SHEET 685-01 (SHEET 1 OF 9) FOR LINE LAYOUT AND DIMENSIONS (EXCEPT AS NOTED).
2. REFER TO STANDARD SHEET 685-01 (SHEET 1 OF 9) FOR GENERAL NOTES.
3. 18" STOP BAR TO BE INSTALLED AT ALL SIDE STREETS REGARDLESS OF PAVEMENT LIMITS.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION	
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES	
CONTRACTOR	PROJECT COORDINATOR
NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____

<p>CONSULTANT SEAL</p> <div style="text-align: center;"> <p>90% DRAFT</p> <p>JOHN K. RUSCHKE</p> <p><small>N.Y. Professional Engineer Lic. No 071267-1</small></p> </div>	<p>CONSULTANT INFORMATION</p> <div style="text-align: center;"> <p>M M</p> <p>MOTT MACDONALD</p> <p>Certificate No. 0013600</p> </div>	<p>Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811</p>	
<p>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS</p> <p>DIVISION OF ENGINEERING</p>		<p>CONTRACT NUMBER 20-510</p>	<p>SHEET NUMBER D-001</p>
<p>REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK CONSTRUCTION DETAILS</p>		<p>SHEET NO. 250F 35</p> <p>SCALE: AS NOTED DATE: 11/16/2021</p> <p>DPW FILE NO. XX-XX-XX-XX</p> <p>REV. NO. 0</p>	

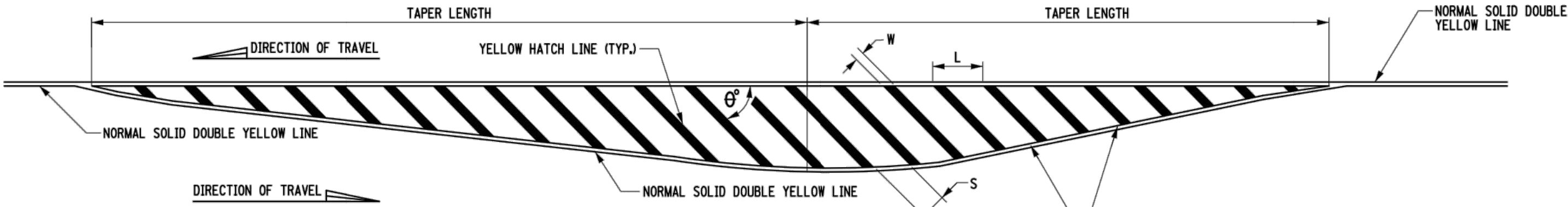


PAVEMENT MARKING LINE NOTES:

L1. NORMAL PAVEMENT MARKING LINES SHALL BE 6" ON FREEWAYS AND EXPRESSWAYS AND ON RAMPs TO AND FROM FREEWAYS AND EXPRESSWAYS, AND WHERE SPECIFIED IN THE CONTRACT DOCUMENTS. AT ALL OTHER LOCATIONS NORMAL PAVEMENT MARKING LINES SHALL BE 4". WIDE PAVEMENT MARKING LINES SHALL BE TWICE AS WIDE AS NORMAL LINES ON THE SAME HIGHWAY. CHANNELIZING LINES ARE THE SAME WIDTH AS WIDE LINES.

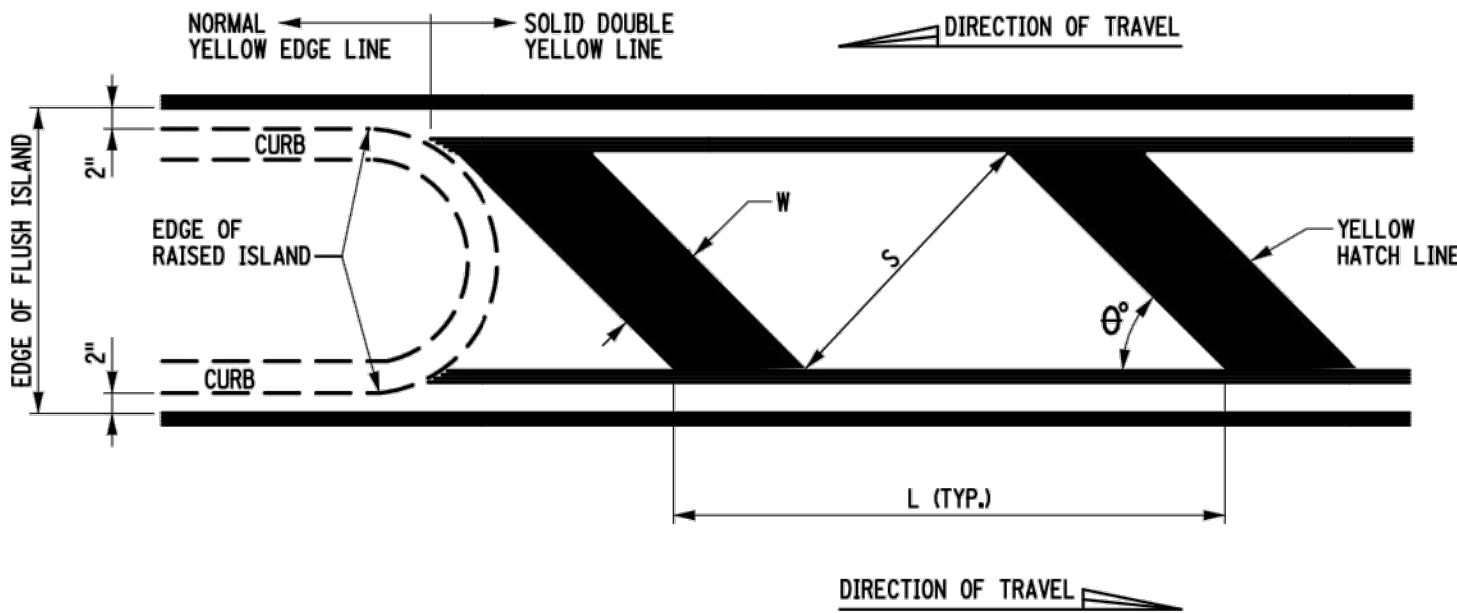
L2. PAVEMENT MARKING LINE CODES MAY BE SHOWN ON THE PLANS. DESIGNATIONS:

"W"=WHITE "Y"=YELLOW "WIDE"=WIDE

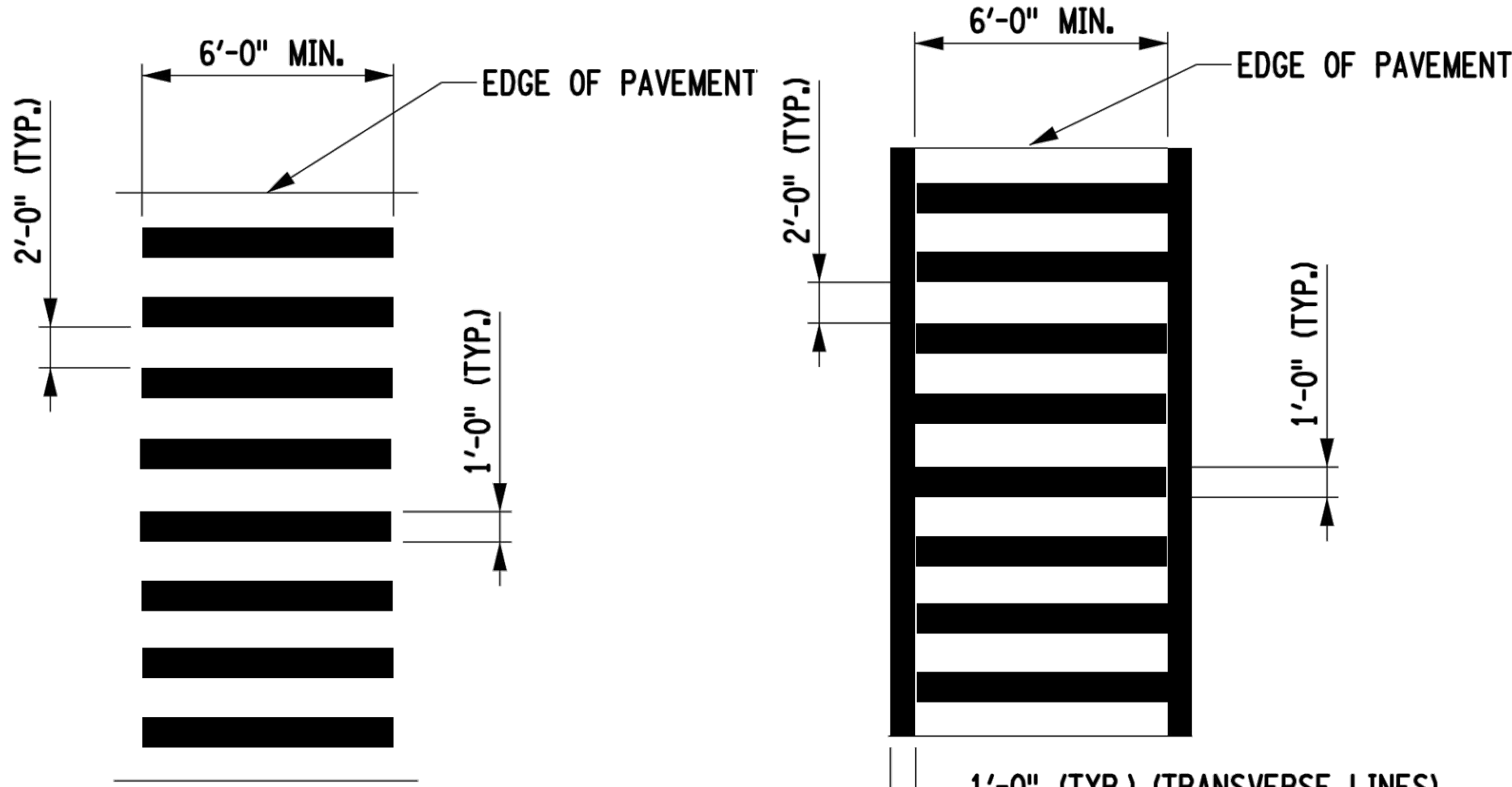


POSTED SPEED ≥ 45 MPH					POSTED SPEED < 45 MPH				
TYPE	W	θ°	S	L	TYPE	W	θ°	S	L
A	1'	30°	3'	8'	A	8"	30°	2'	5'-4"
B	1'	35°	3'	7'	B	1'	35°	3'	7'
C	2'	45°	6'	11'-4"	C	2'	45°	6'	11'-4"

CROSS HATCH LINE DIMENSIONS
NOTE: TYPE SHALL BE AS PER PLAN. DEFAULT VALUE IS TYPE C UNLESS OTHERWISE SHOWN.



TYPICAL CROSS HATCH LINE DETAIL AT FLUSH OR RAISED ISLANDS AND AT MEDIAN AREAS

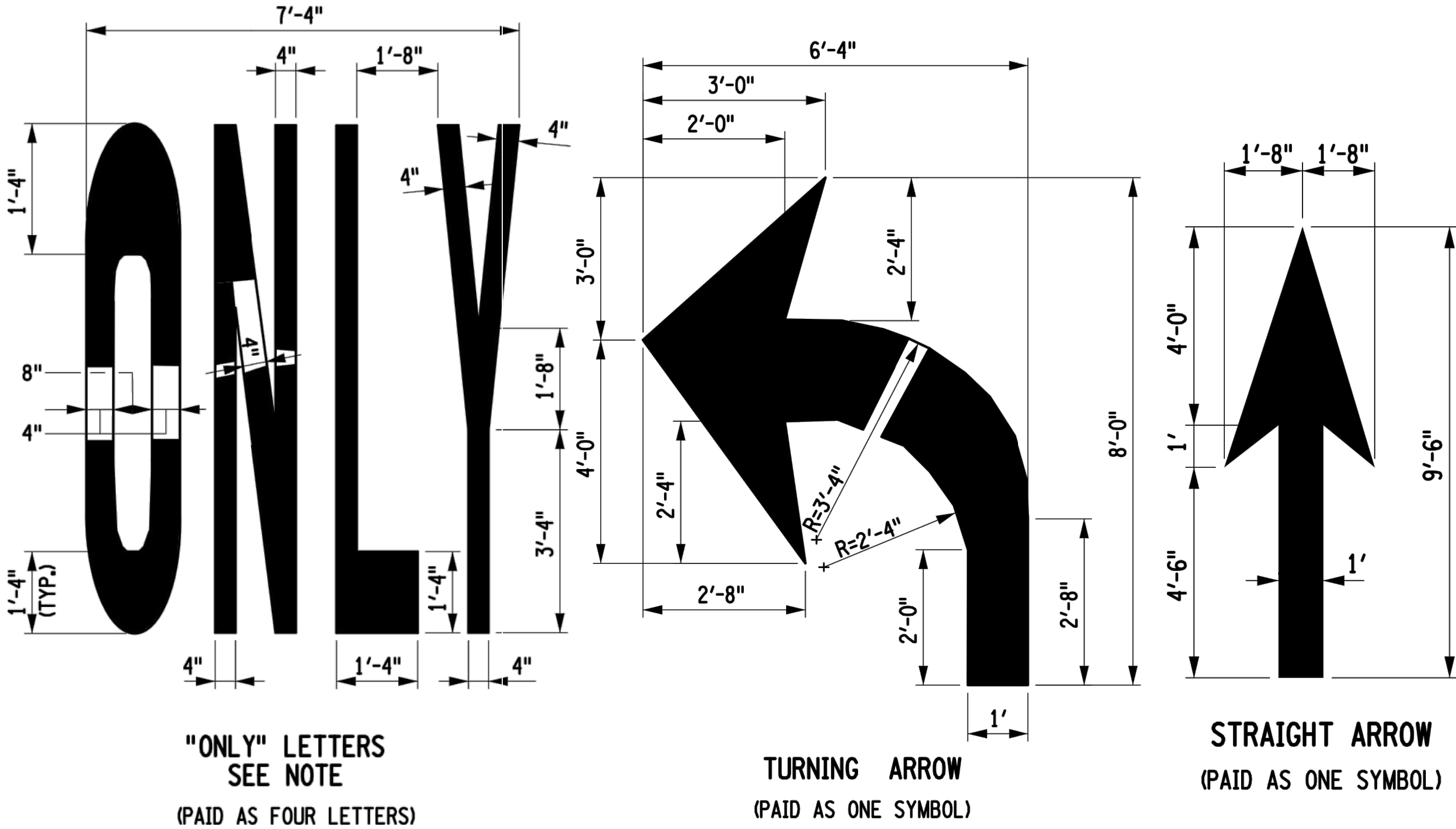


LADDER BAR
TYPE L

COMBINED
TYPE LS

TYPICAL CROSSWALK DETAILS

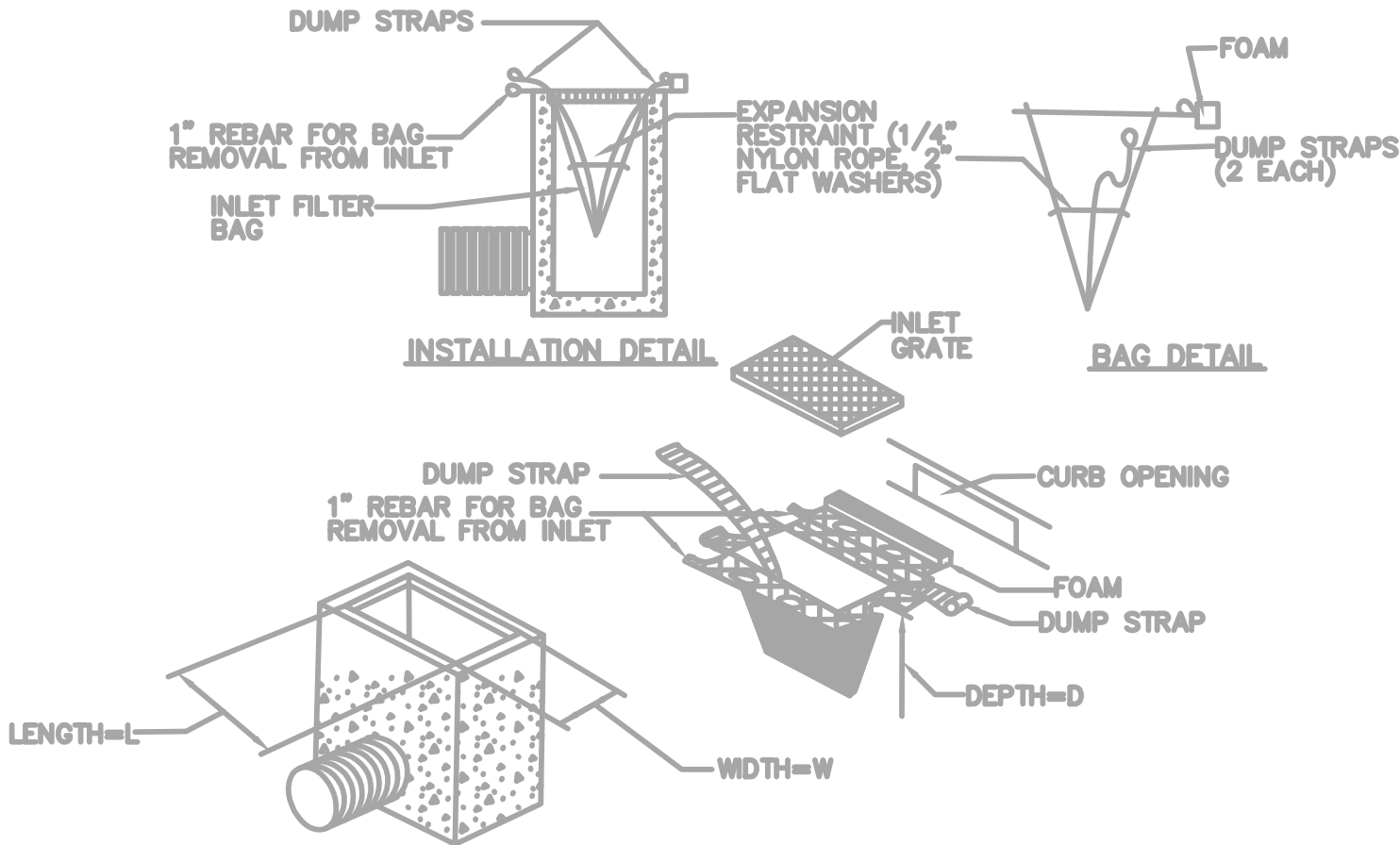
NOTE: LONGITUDINAL CROSSWALK LINES ARE TO BE PARALLEL TO LANE LANES.



"ONLY" LETTERS
SEE NOTE
(PAID AS FOUR LETTERS)

TURNING ARROW
(PAID AS ONE SYMBOL)

STRAIGHT ARROW
(PAID AS ONE SYMBOL)

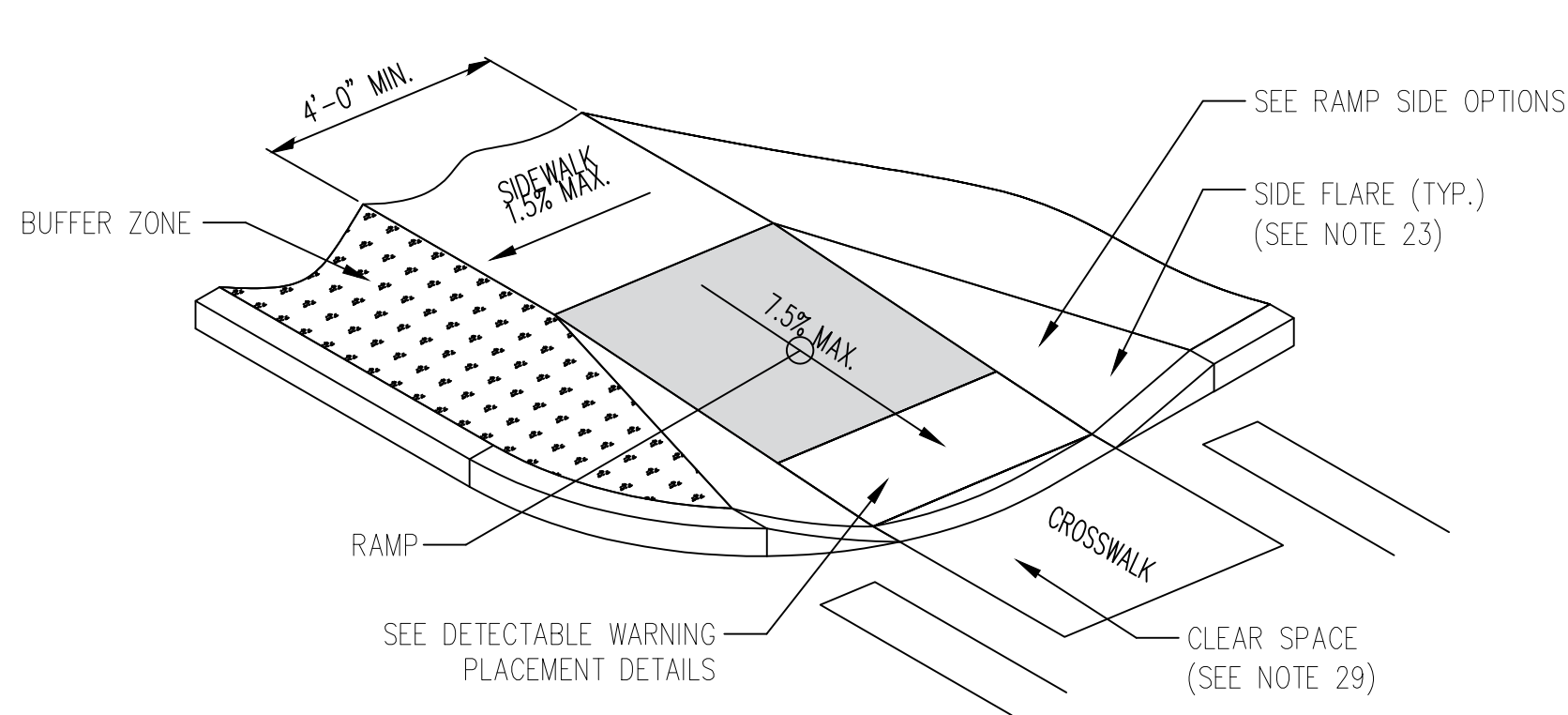


TEMPORARY CATCH BASIN INSERT - ITEM 209.11010011
NOT TO SCALE

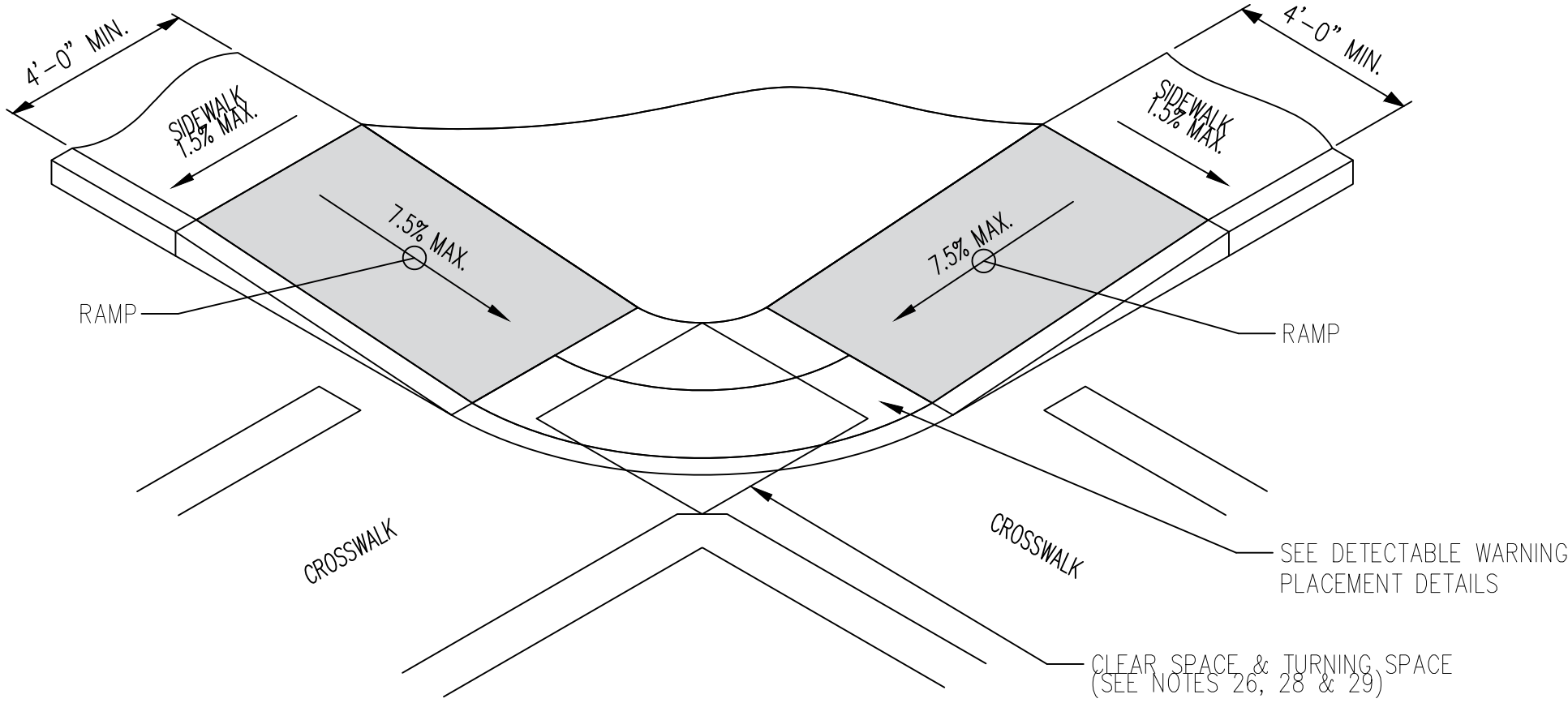
IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

					RECORD DRAWING CERTIFICATION			
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					NAME _____		NAME _____	
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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION				

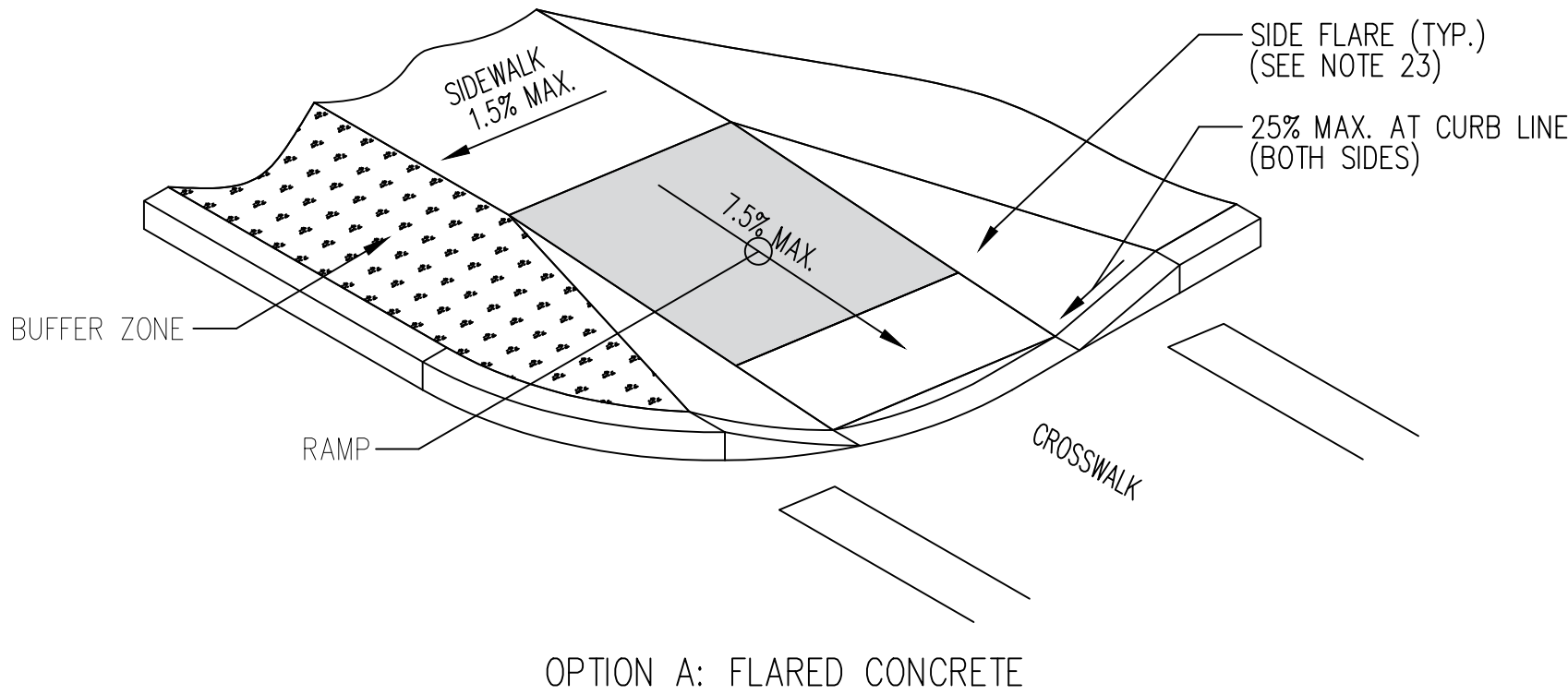
CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD	
JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1		Certificate No. 0013600 Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER D-002
		SHEET NO.26OF 35	
		SCALE: AS NOTED DATE: 11/16/2021	
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK CONSTRUCTION DETAILS		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



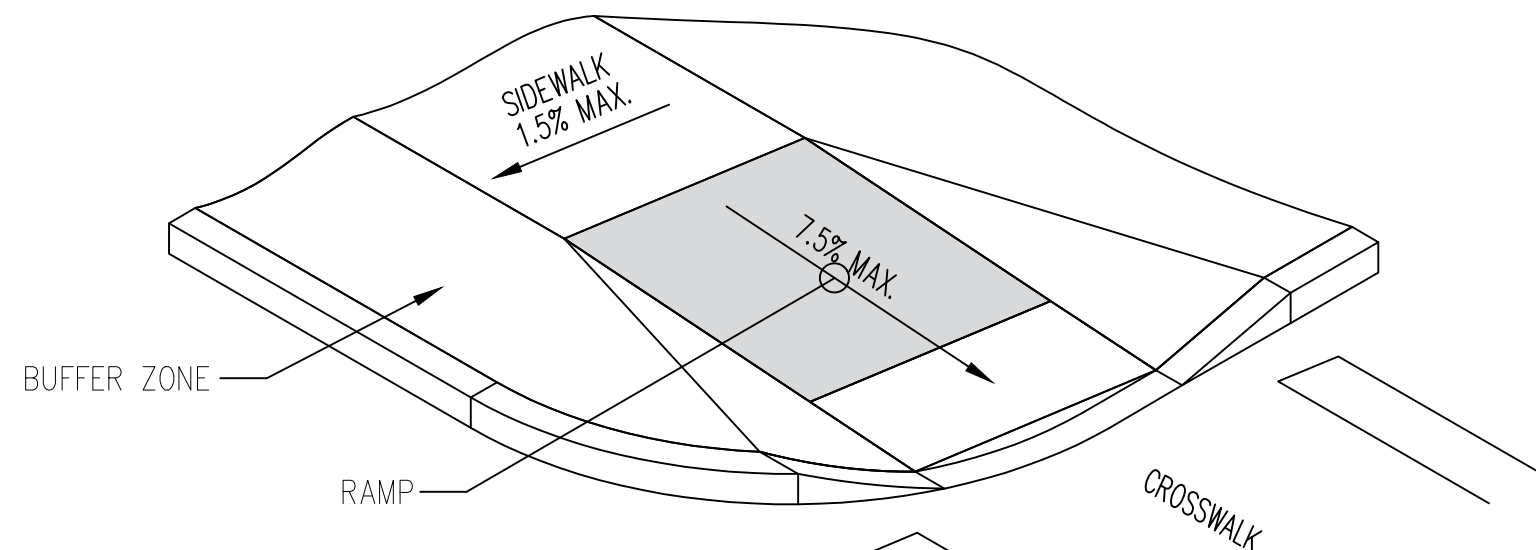
CURB RAMP CONFIGURATION: TYPE 1



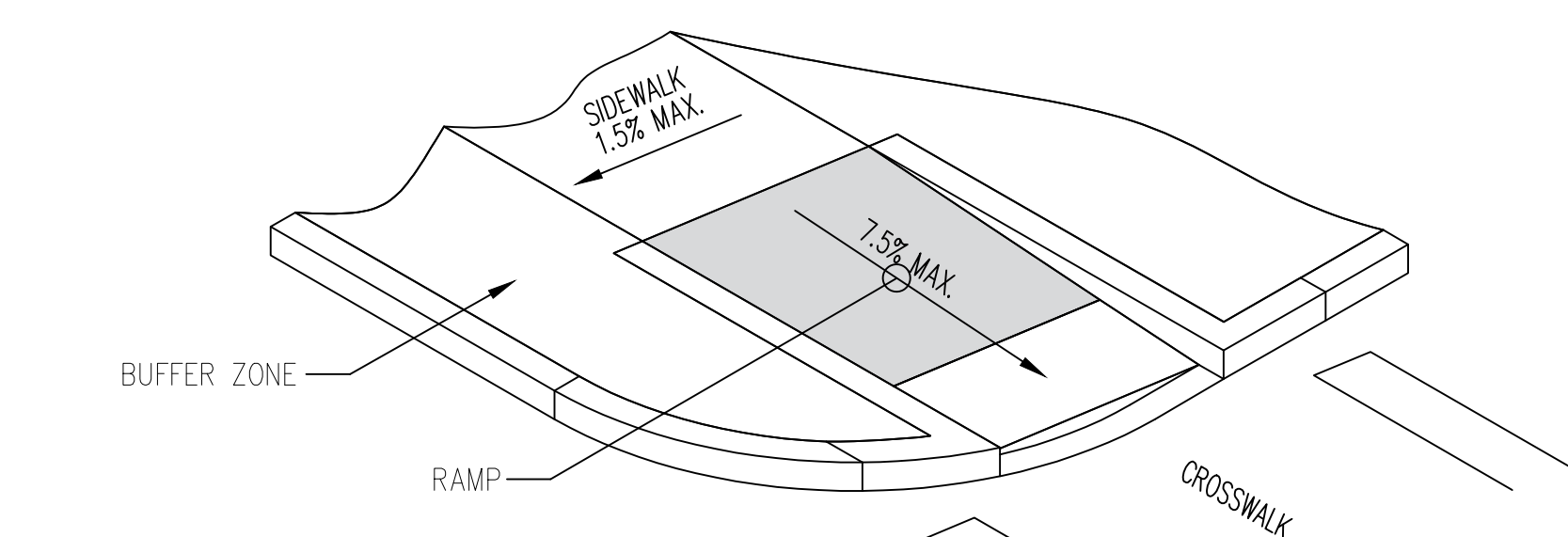
CURB RAMP CONFIGURATION: TYPE 4



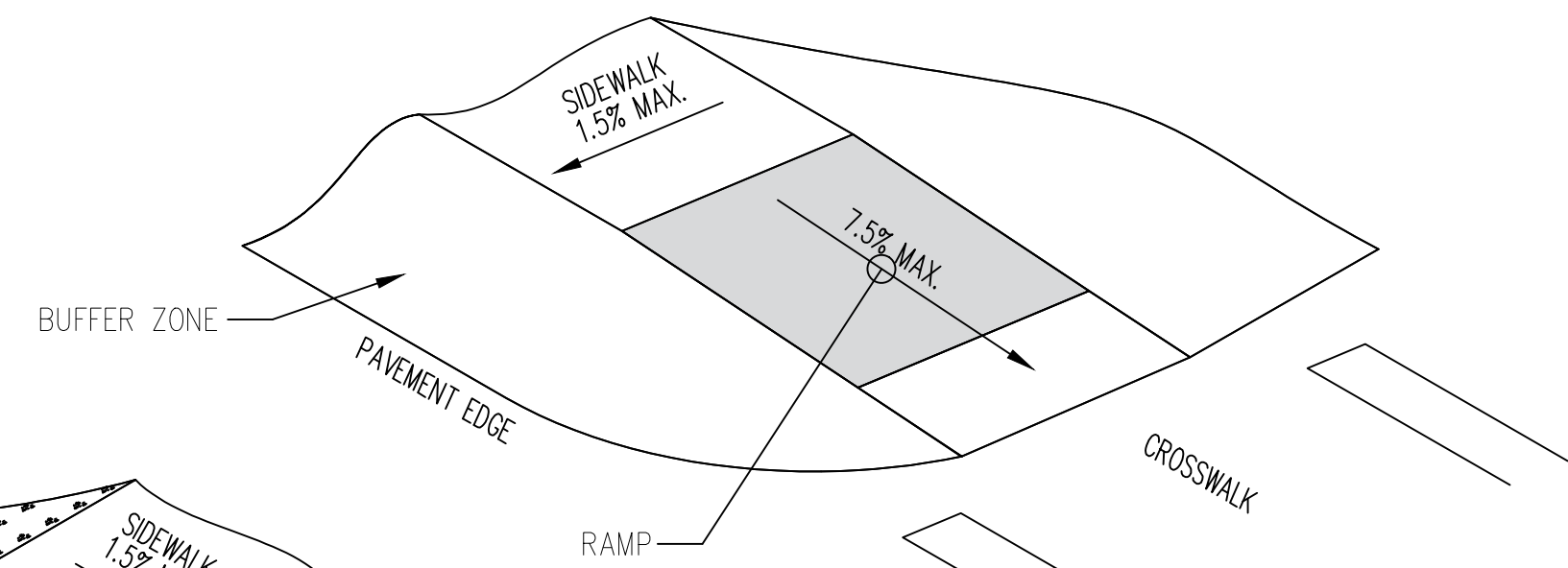
OPTION A: FLARED CONCRETE



OPTION B: GRADED EARTH

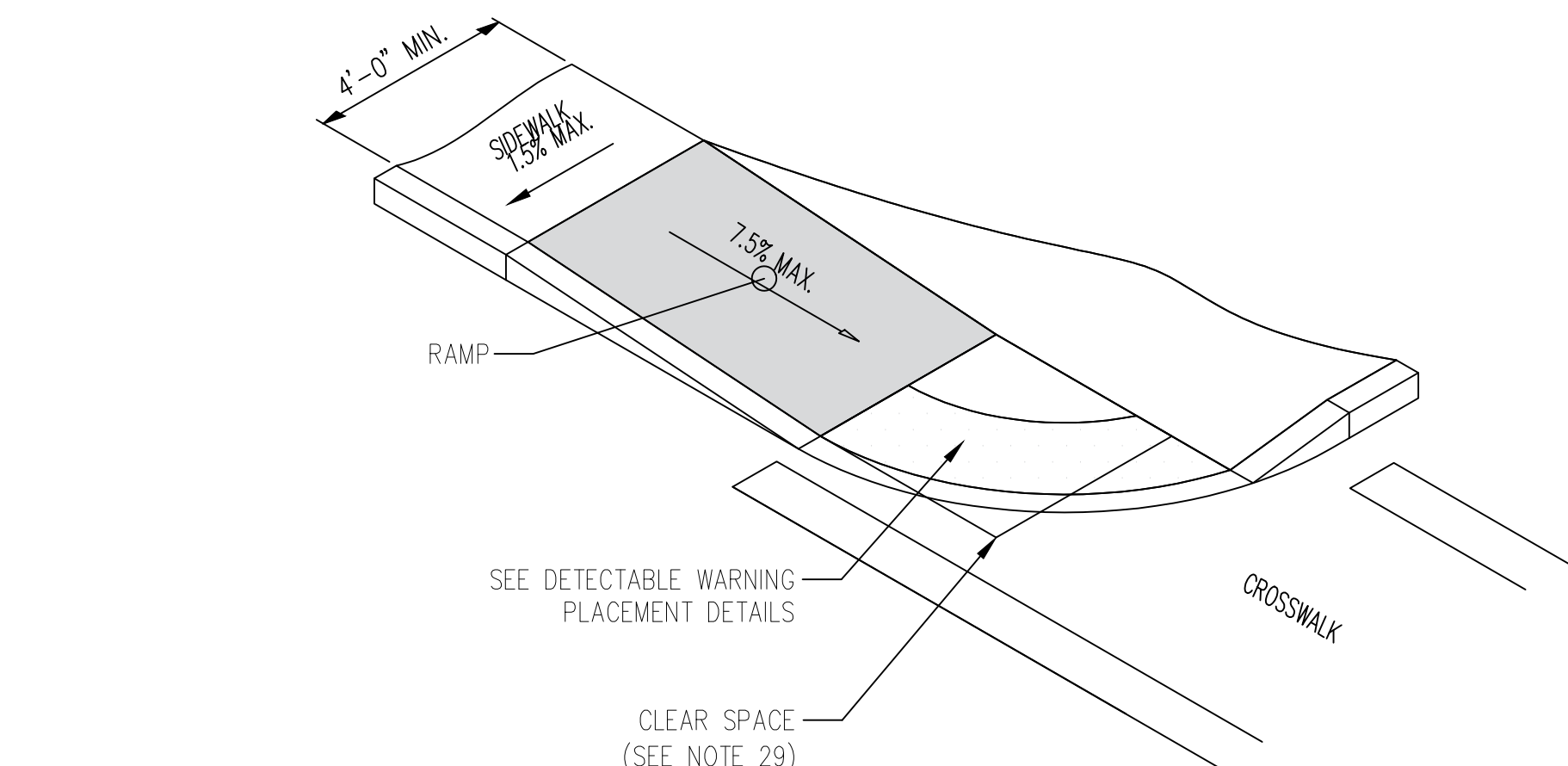


OPTION C: RETURN CURB

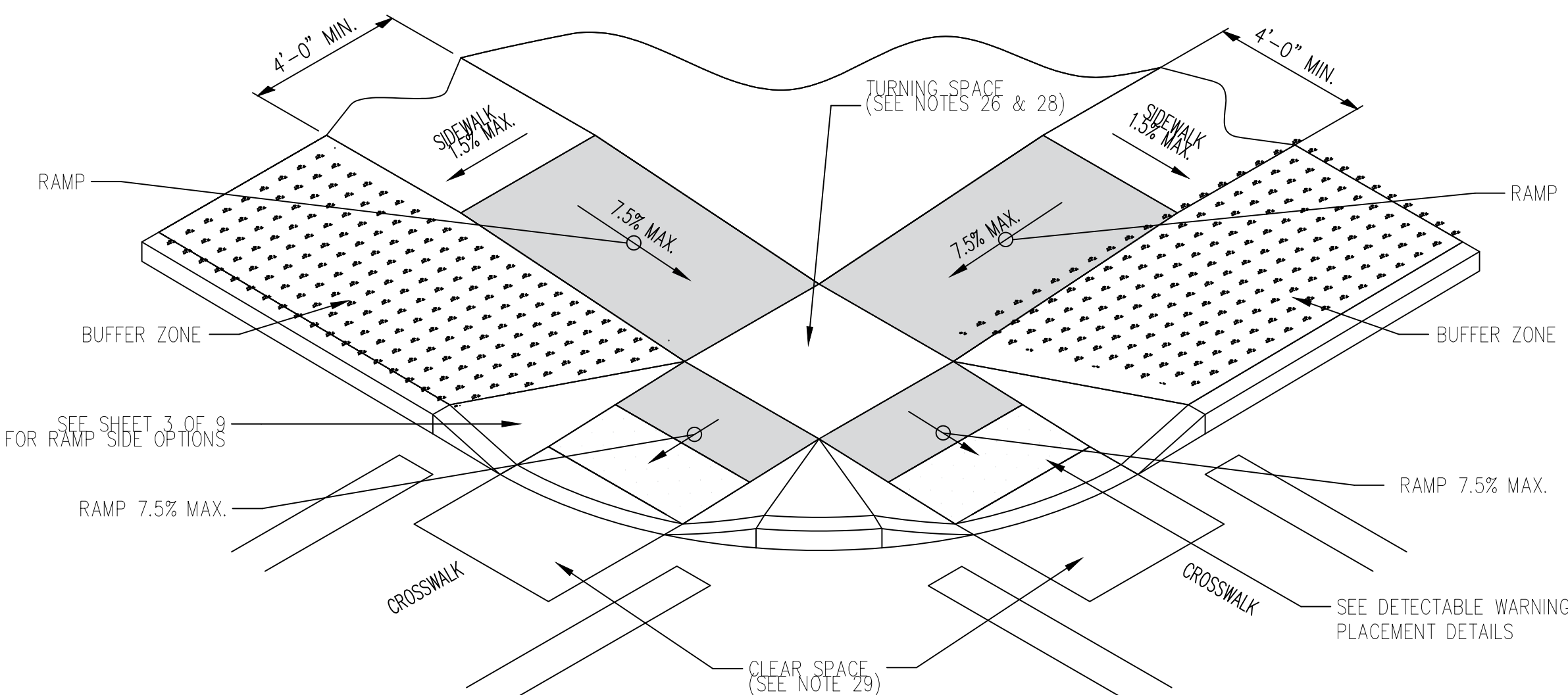


OPTION D: UNCURBED INTERSECTION

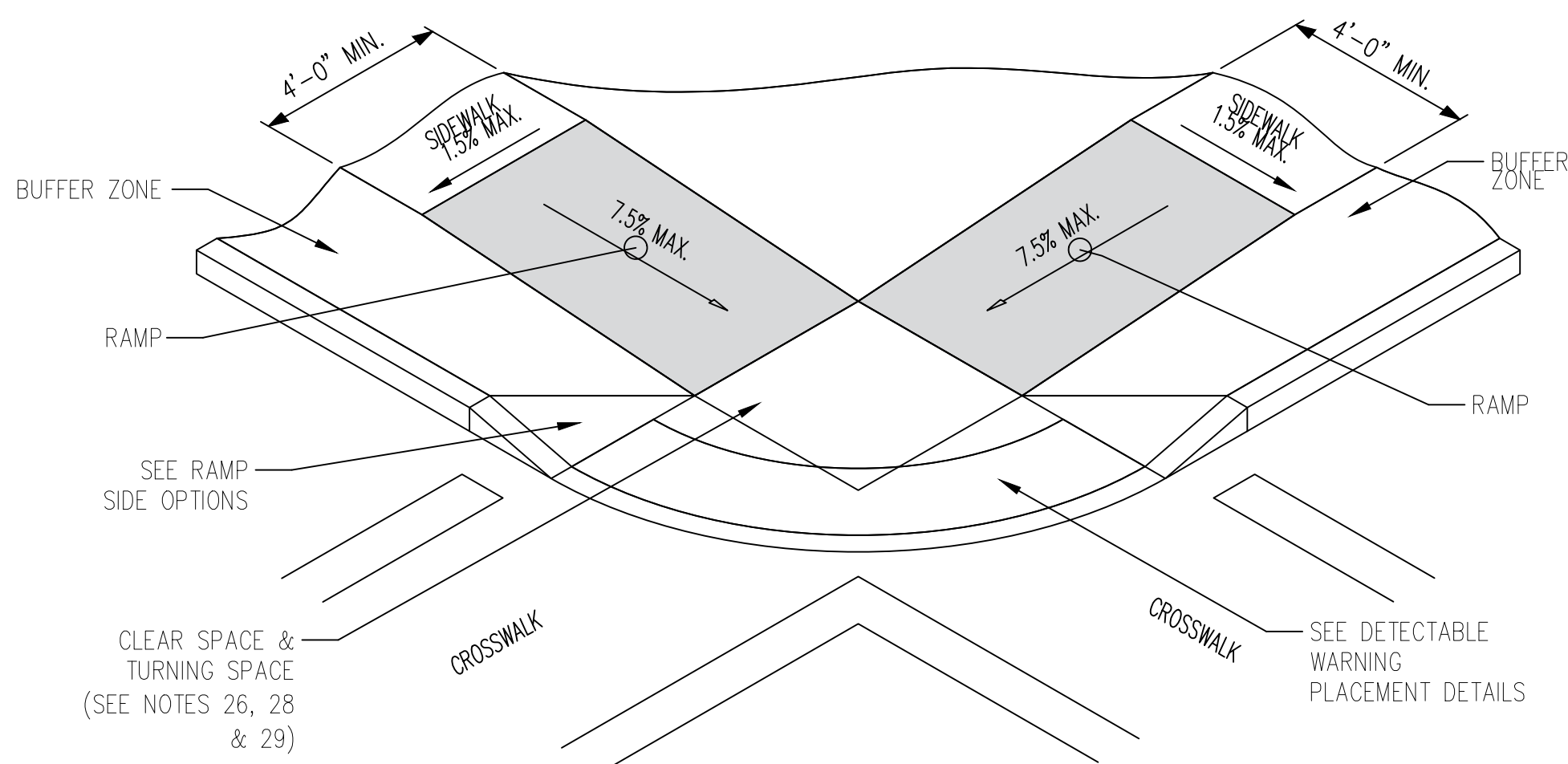
RAMP SIDE CONFIGURATIONS



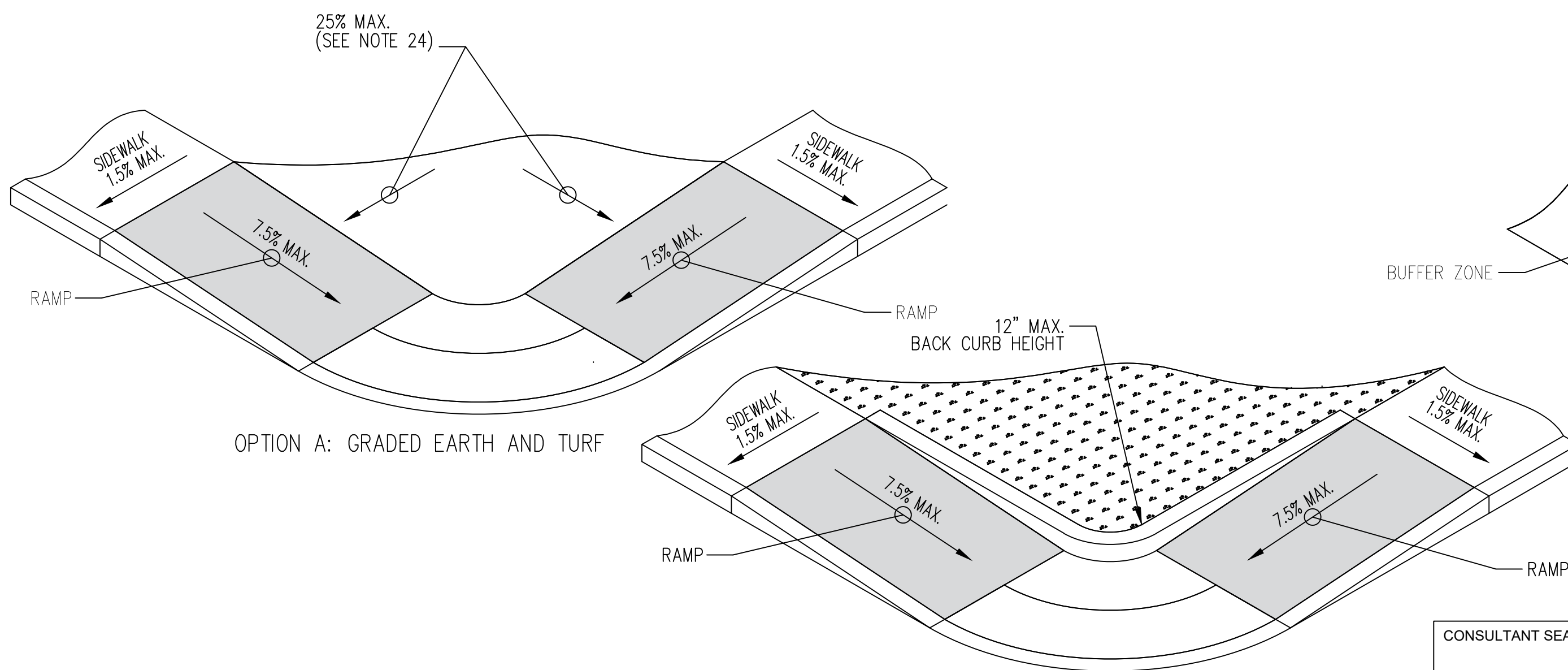
CURB RAMP CONFIGURATION: TYPE 2



CURB RAMP CONFIGURATION: TYPE 5



CURB RAMP CONFIGURATION: TYPE 3



PARALLEL RAMP BACK TREATMENTS

OPTION B: BACK CURB

PAY ITEMS (TYP. FOR ALL CURB RAMPS):

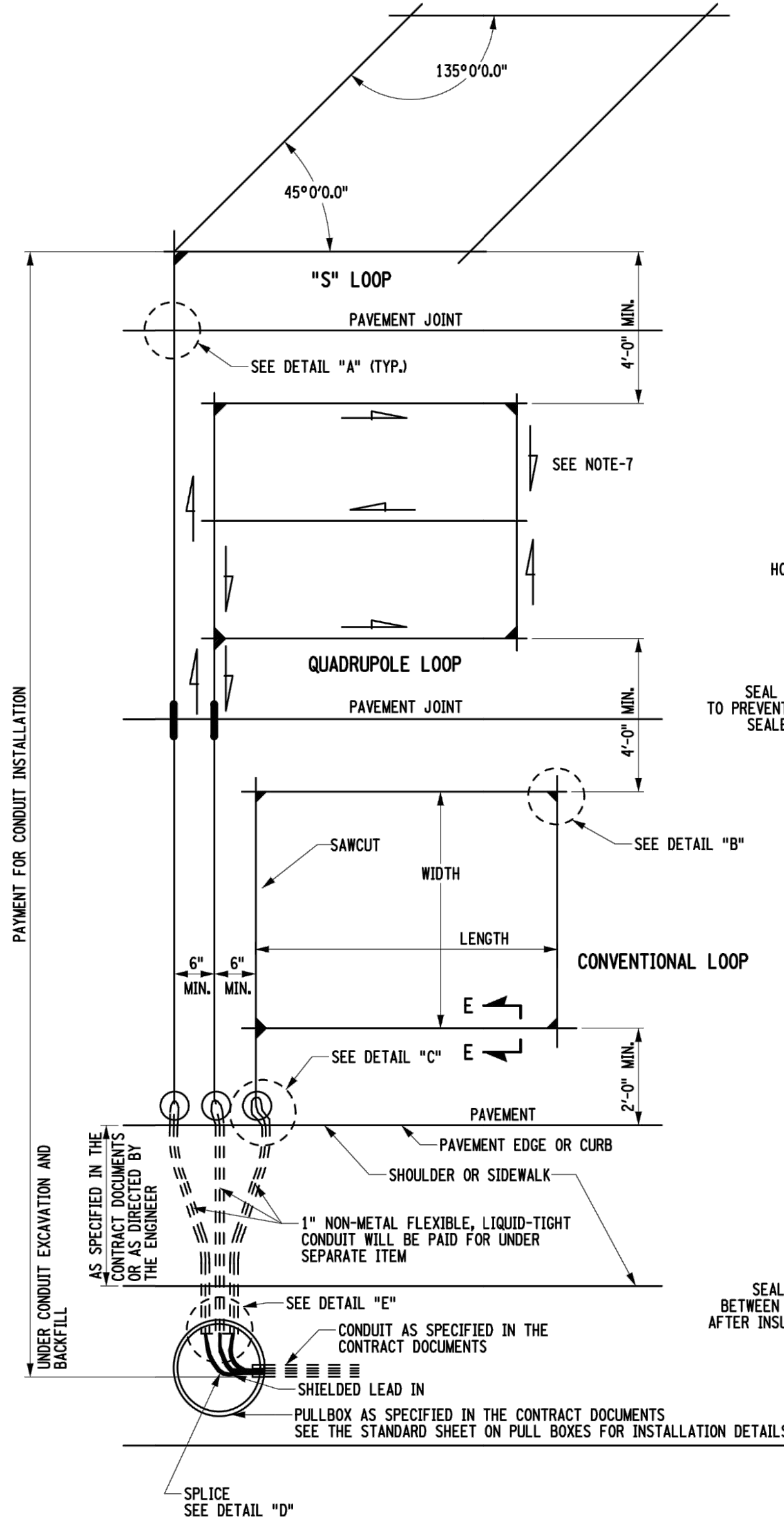
- CAST-IN-PLACE CONCRETE CURB - ITEM 609.04
- CONCRETE SIDEWALK - ITEM 608.0101
- EMBEDDED DETECTABLE WARNING SURFACE - ITEM 608.21
- UNCLASSIFIED EXCAVATION AND DISPOSAL - ITEM 203.02

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

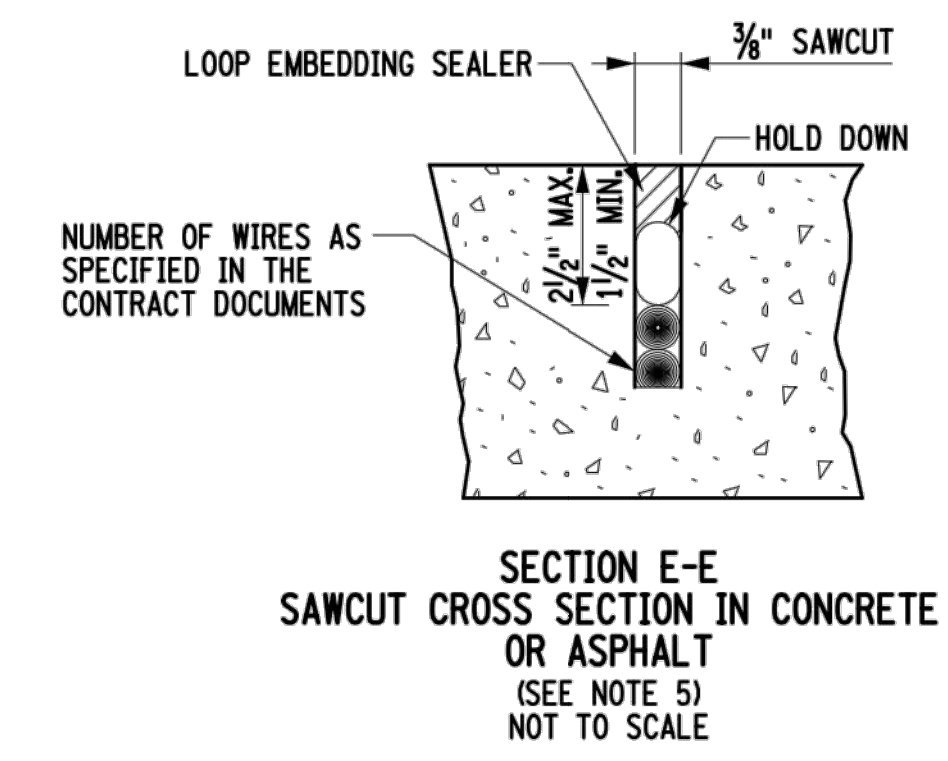
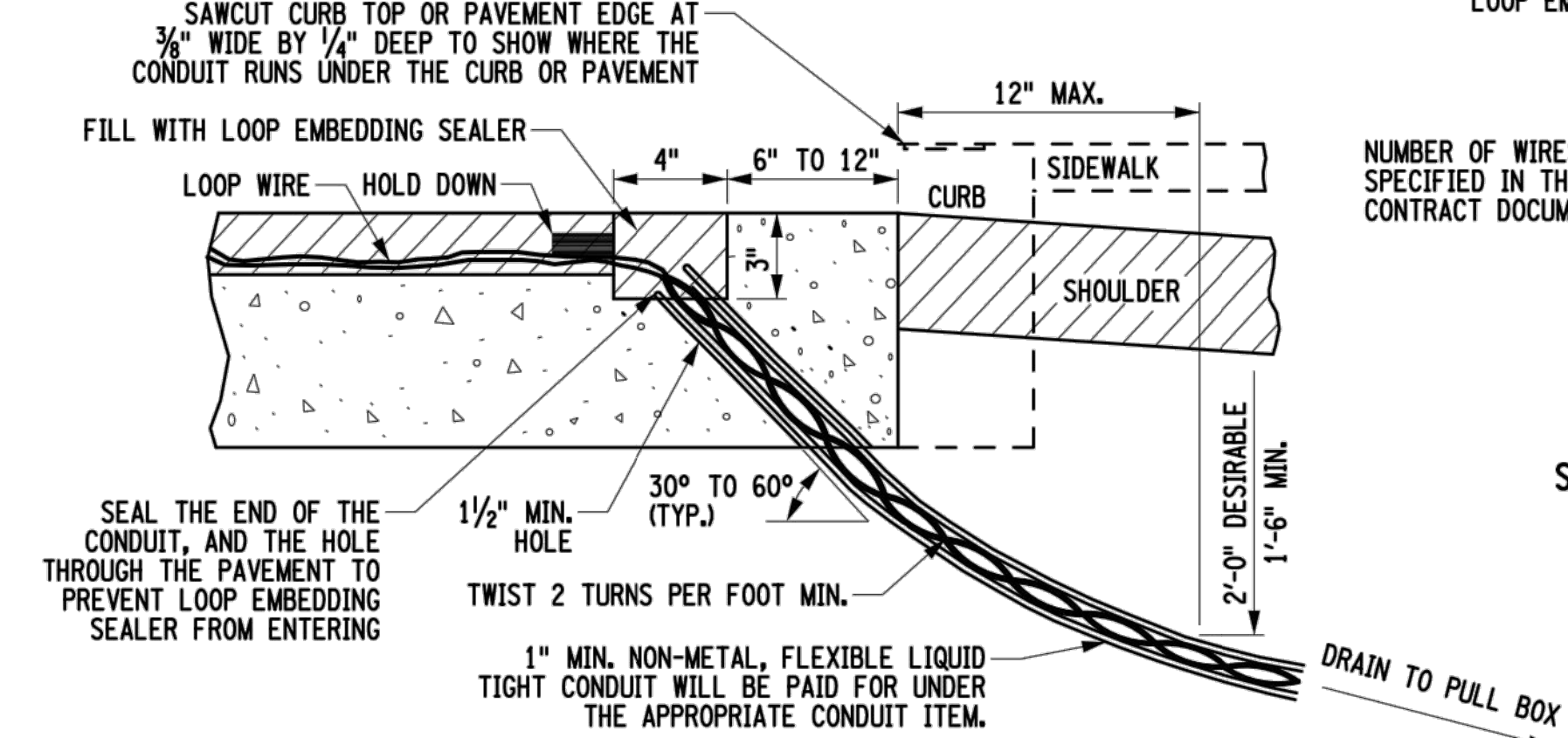
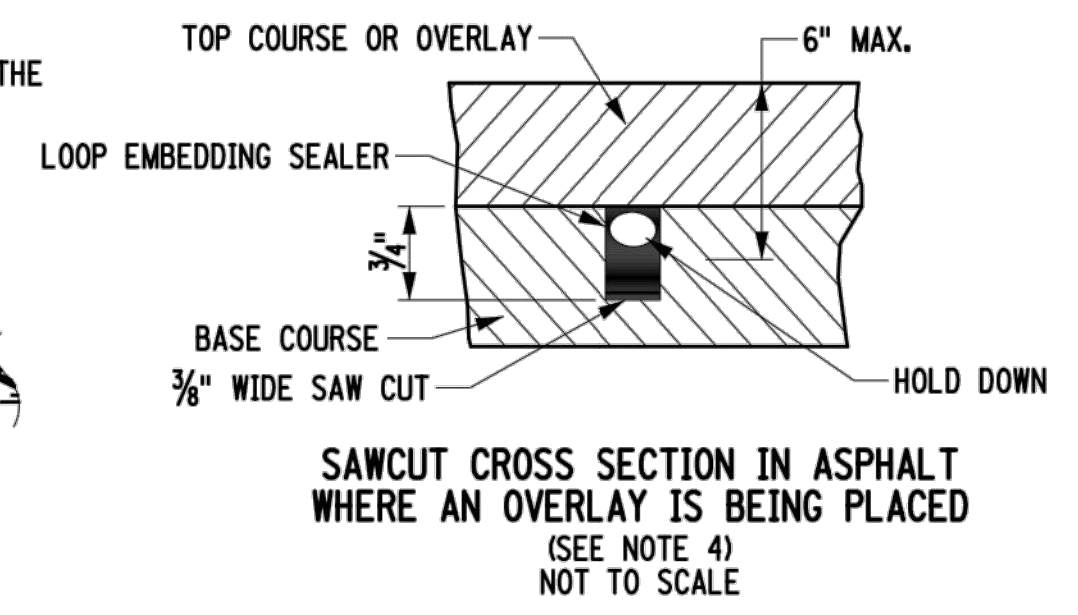
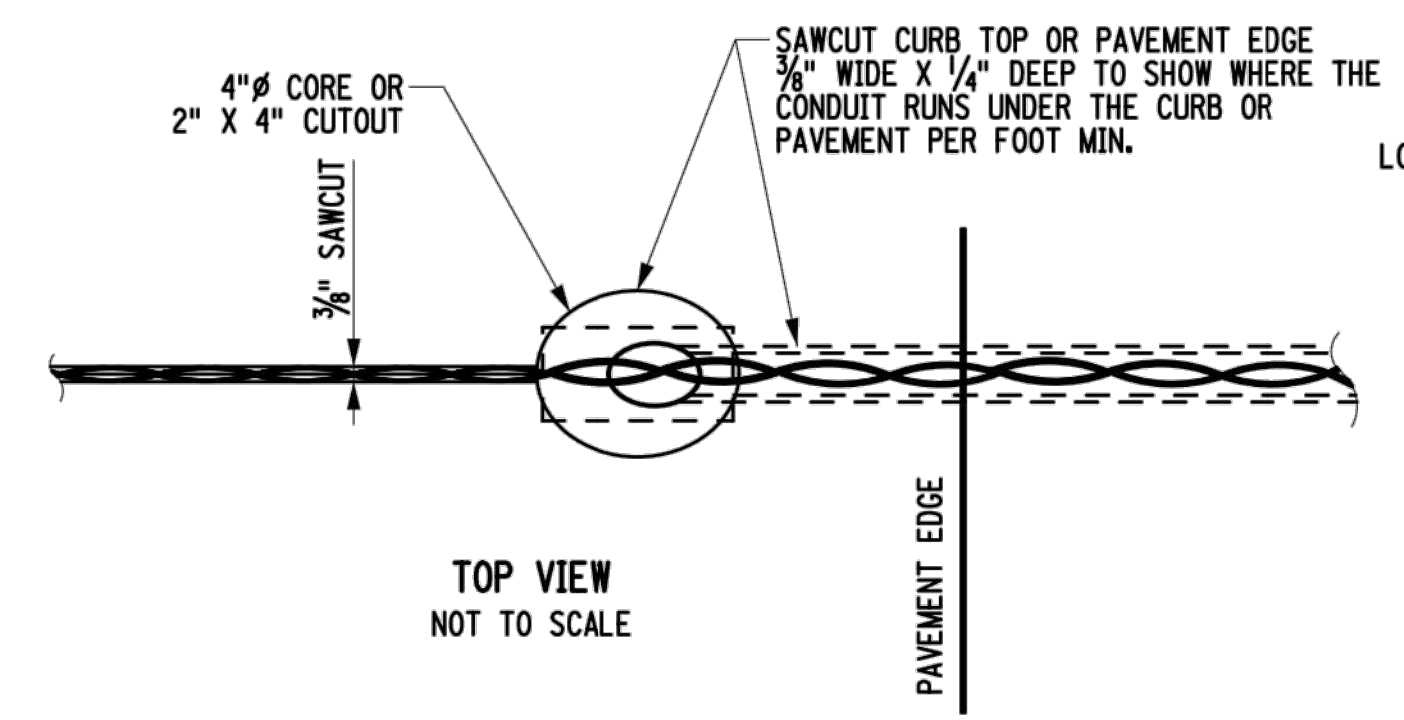
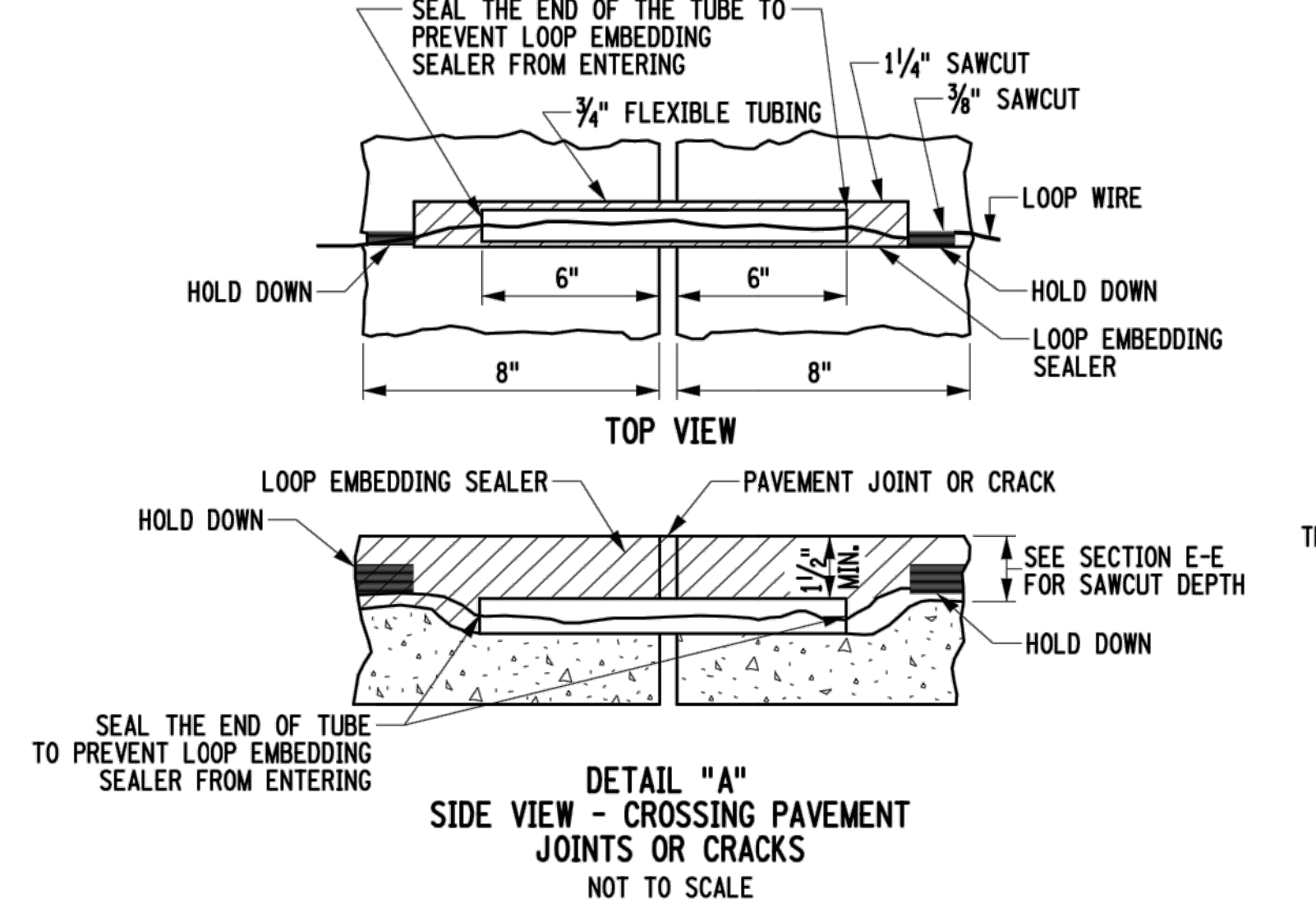
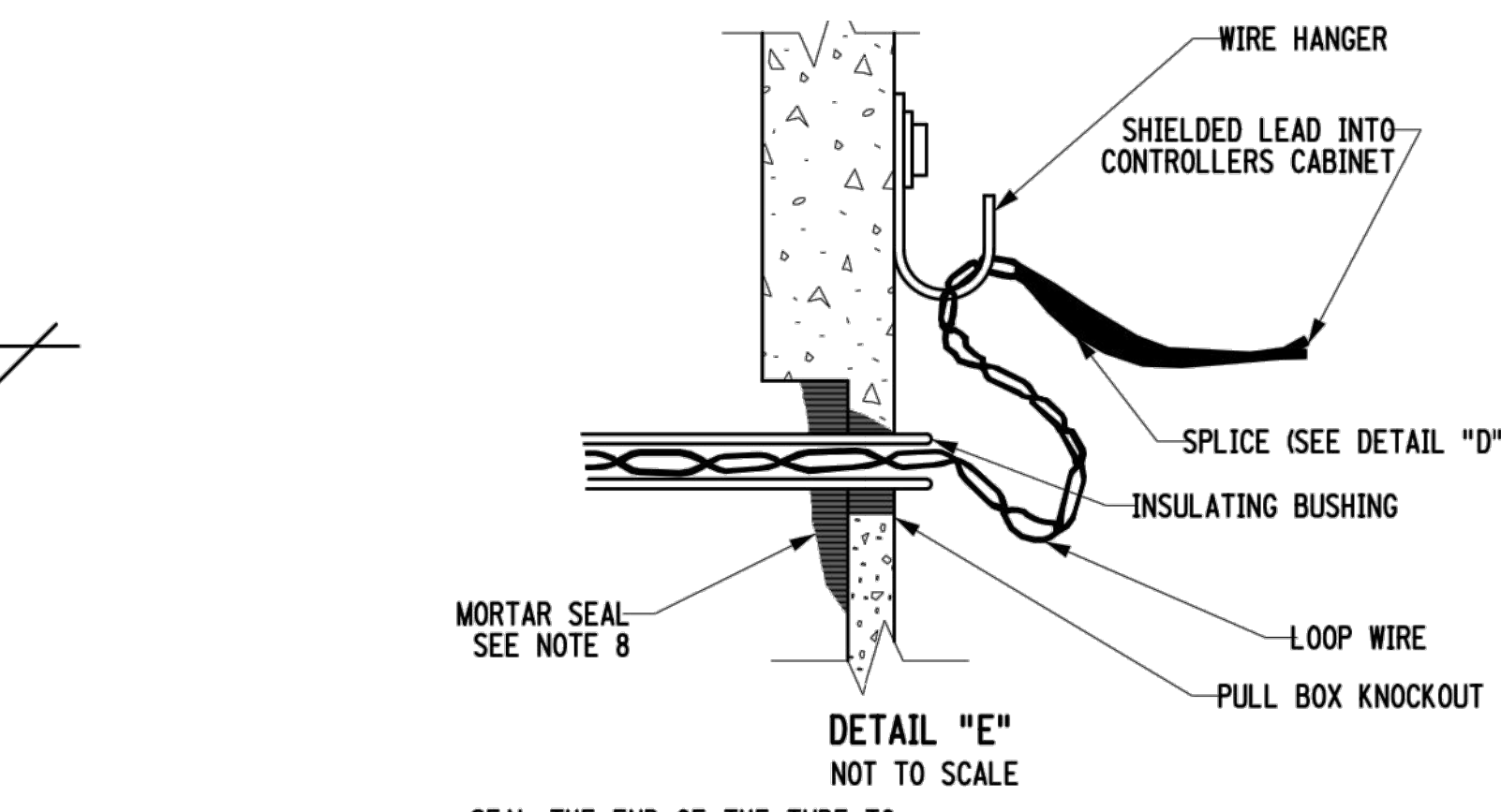
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

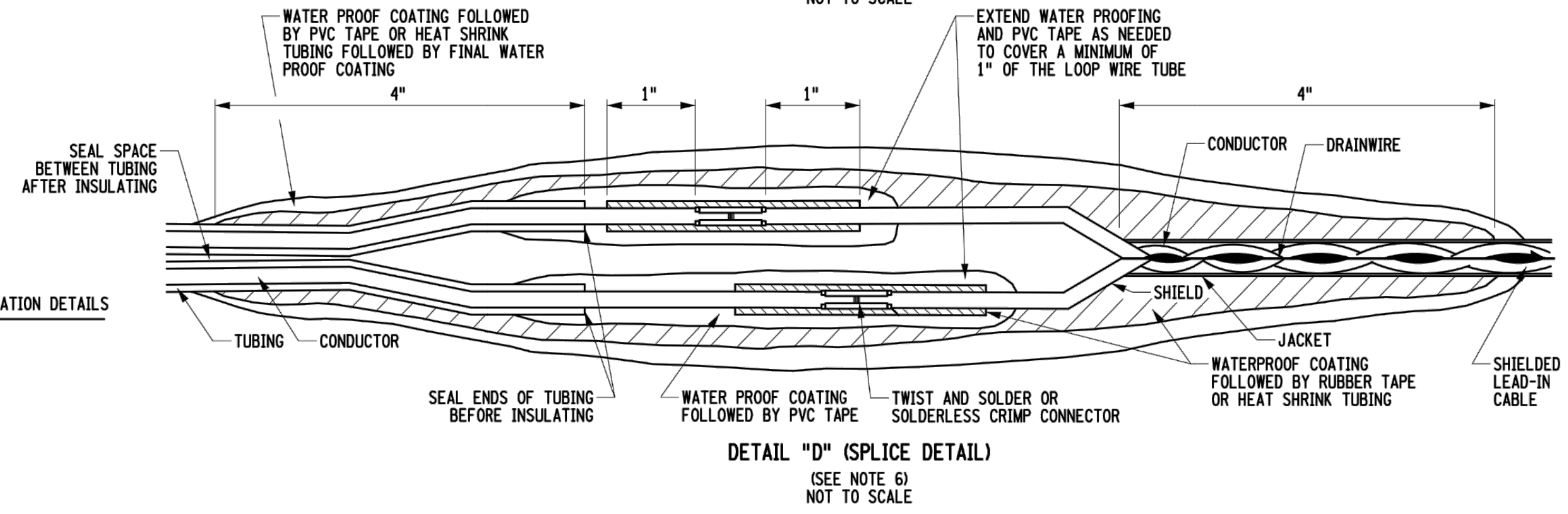
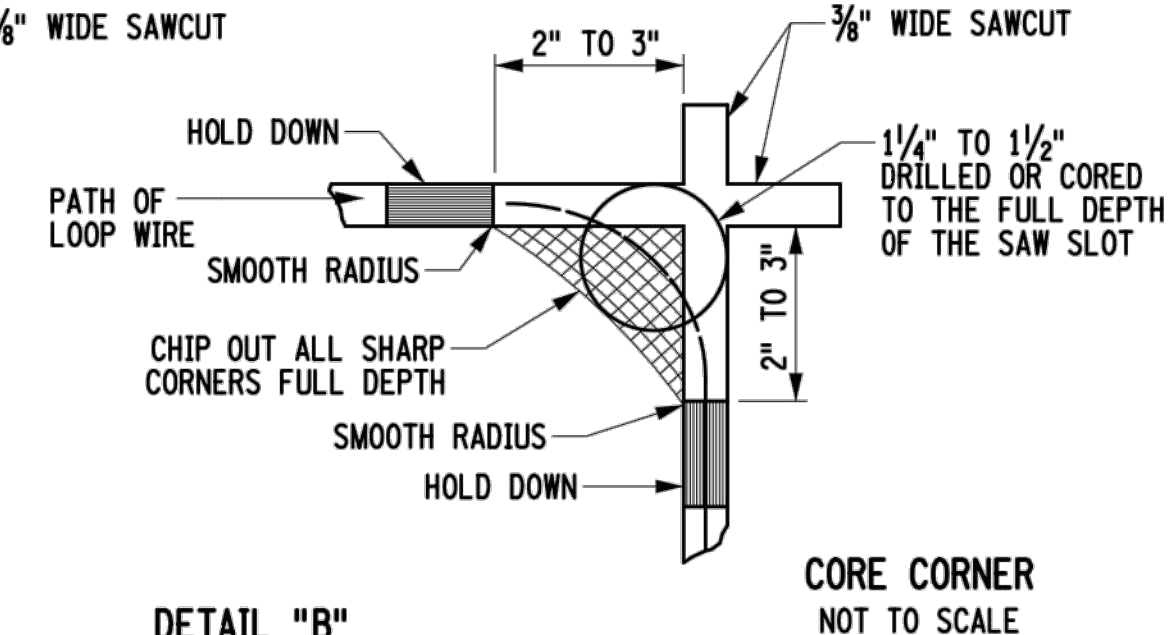
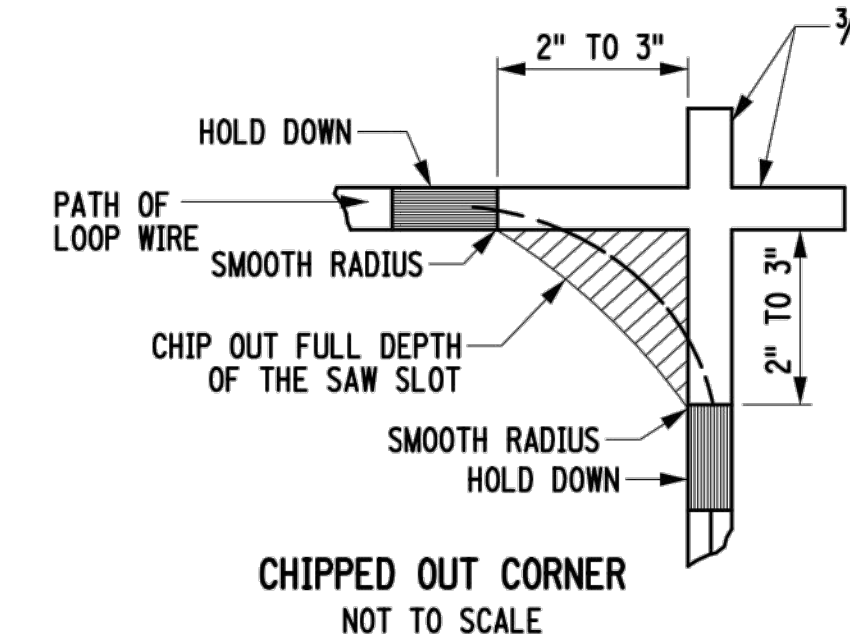
CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD Certificate No. 0013600	
JOHN K. RUSCHKE N.Y. Professional Engineer Lic. No 071267-1		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER D-003
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK CONSTRUCTION DETAILS		SHEET NO.27OF 35 SCALE: AS NOTED DATE: 11/16/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	



LOOP INSTALLATION DETAILS - PLAN VIEW
(SEE NOTE 1)
NOT TO SCALE



- NOTES:
1. THE NUMBER OF TURNS, LENGTH, WIDTH, AND/OR SPECIAL CONFIGURATION OF THE LOOP SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS. FOLLOW DETAIL "A".
 2. PLACE THE LOOP WIRE NEAR THE CENTER OF THE CORNER TO ALLOW THE SEALANT TO FLOW ON BOTH SIDES OF THE WIRE.
 3. CURB DETAIL IS SHOWN BY THE DASHED LINES. RUN THE CONDUIT UNDER THE CURB.
 4. PREFERRED PLACEMENT OF LOOPS SHALL BE IN BINDER COURSE, PRIOR TO PLACEMENT OF TOP COURSE OF PAVEMENT. TOP COURSE NOT TO EXCEED 6" DEPTH.
 5. USE SHORT (1") PIECE OF FLEXIBLE NEOPRENE RUBBER OR PLASTIC TUBING OR ROUND FOAM SEALER STRIPS AT 24" CENTERS TO HOLD LOOP WIRES IN PLACE UNTIL SEALER SETS. DO NOT USE SHARP OBJECTS TO INSTALL WIRE HOLD-DOWNS.
 6. SEE STANDARD SPECIFICATIONS FOR FURTHER DETAILS.
 7. ARROWS INDICATE WINDING OF LOOP.
 8. REFER TO NYSDOT STANDARD SPECIFICATION 705-21 FOR MASONRY MORTAR MIX.

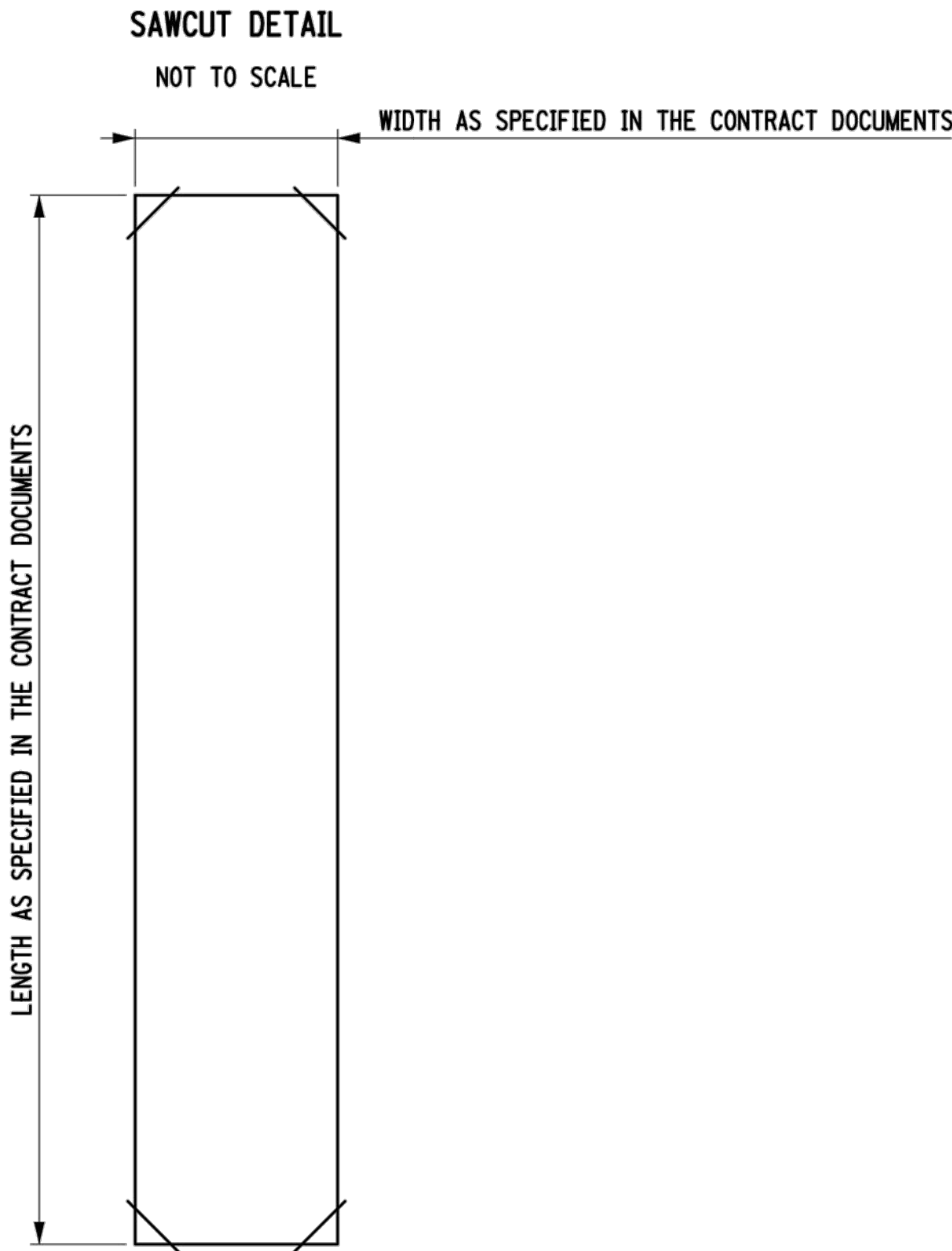
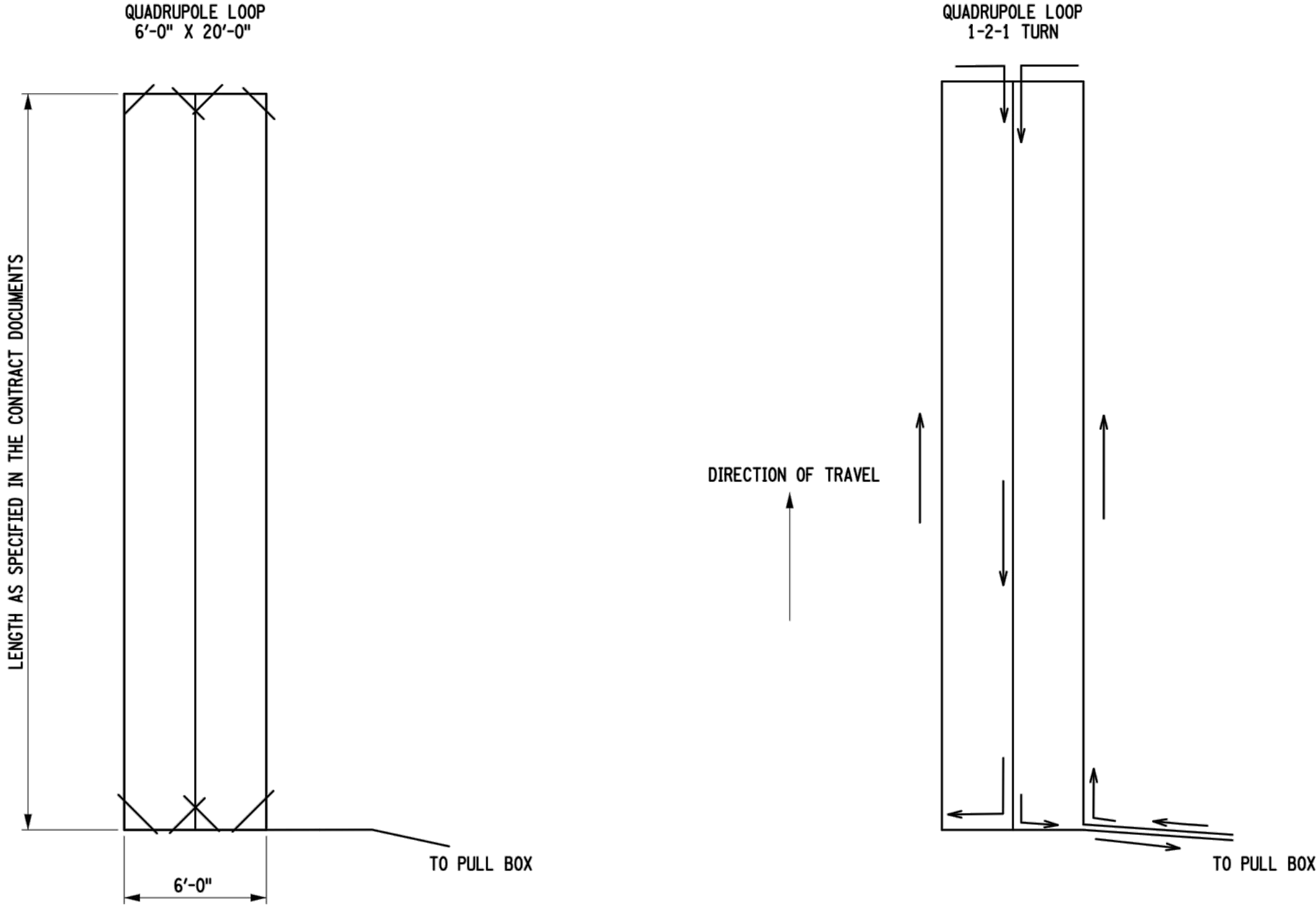


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CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

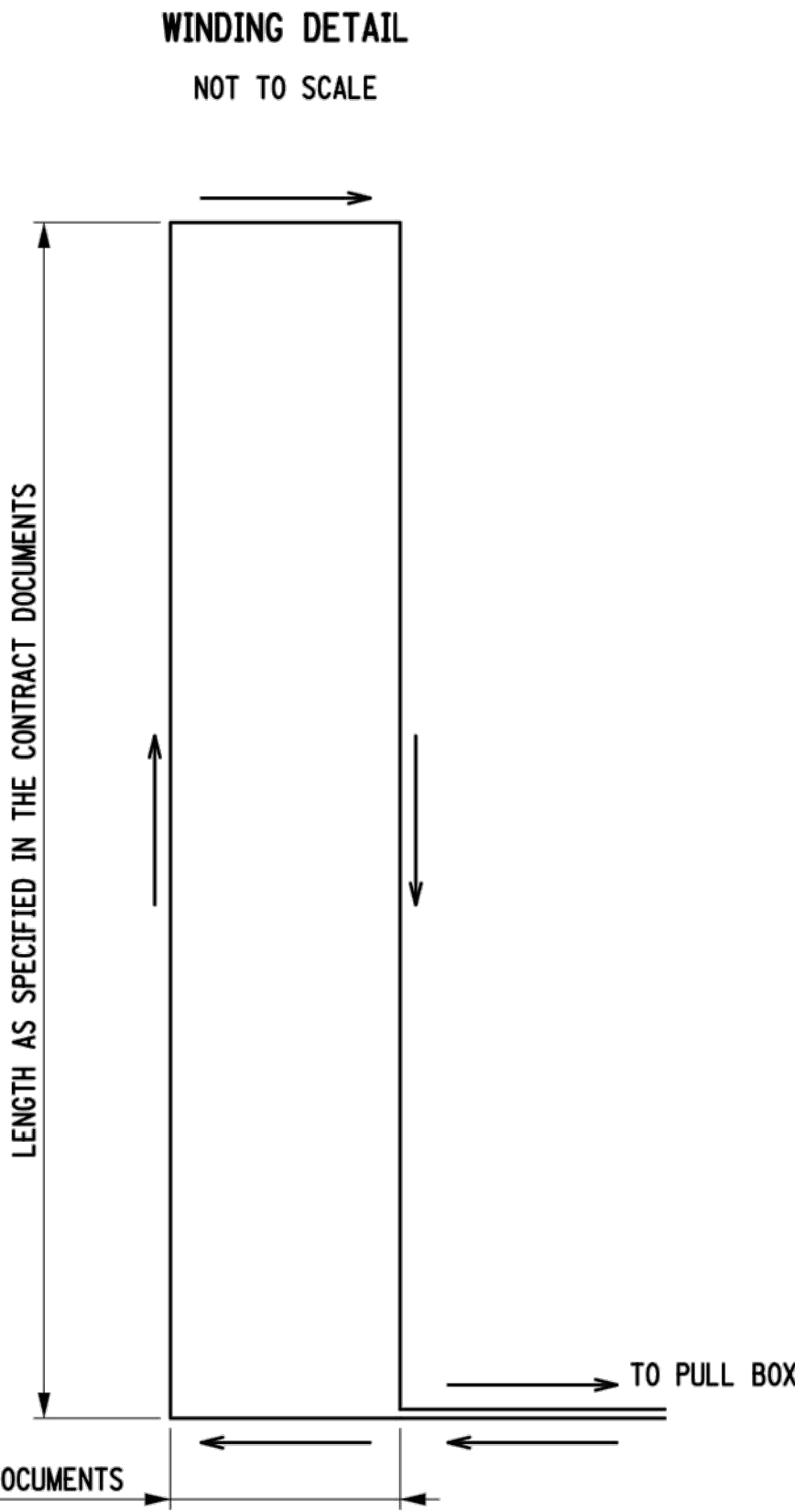
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CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		M M MOTT MACDONALD Certificate No. 0013600	
JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING			
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK CONSTRUCTION DETAILS			
CONTRACT NUMBER 20-510	SHEET NUMBER D-004	SHEET NO.28OF 35	
SCALE: AS NOTED DATE: 11/16/2021		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0



SAWCUT DETAIL
RECTANGULAR / SQUARE LOOP
NOT TO SCALE



WINDING DETAIL
RECTANGULAR / SQUARE LOOP
NOT TO SCALE

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE	DATE	TITLE	DATE

CONSULTANT SEAL		CONSULTANT INFORMATION	
90% DRAFT		<div>M M</div> <div>MOTT MACDONALD</div> <div>Certificate No. 0013600</div>	
JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>		Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 20-510	SHEET NUMBER D-005
DEPARTMENT OF PUBLIC WORKS		SHEET NO.29OF 35	
DIVISION OF ENGINEERING		SCALE: AS NOTED DATE: 11/16/2021	
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK		DPW FILE NO. XX-XX-XX-XX	REV. NO. 0
CONSTRUCTION DETAILS			

GENERAL NOTES

1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE COMMISSIONER OF THE DPWT OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO COMMISSIONER OF THE DPWT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.

ACTIVITY AREA

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS

1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE COMMISSIONER OF THE DPWT OR BY HIS/HER DESIGNEE.
7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS

1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES

1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

LANE WIDTHS

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE COMMISSIONER OF THE DPWT IN A TIMELY MANNER.

BARRIER/SHADOW VEHICLES

1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

FOR WESTCHESTER COUNTY SPECIFIC MAINTENANCE AND PROTECTION OF TRAFFIC GENERAL
NOTES, SEE SHEET TWO (2), GENERAL NOTES AND ITEM LIST.

IN CHARGE OF <u>JOHN K. RUSCHKE, PE</u> CHECKED BY <u>DANIEL HONOSHOWSKY, PE</u> MADE BY <u>SAMANTHA J. ANELLO, PE</u>						RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT – CHANGES AS NOTED <input type="checkbox"/> AS BUILT – NO CHANGES		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER T-001
								SHEET NO. 30 OF 35		SCALE: AS NOTED DATE: 11/16/2021	
								REHABILITATION OF FARRAGUT AVENUE (C.R. #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL GENERAL NOTES		DPW FILE NO. XX-XX-XX-XX	
										REV. NO. 0	
	REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	NAME _____ SIGNATURE _____ TITLE _____ DATE _____	NAME _____ SIGNATURE _____ TITLE _____ DATE _____				

TABLE NY1-A BARRIER VEHICLE USE REQUIREMENTS (LONG TERM, INTERMEDIATE TERM, AND SHORT TERM STATIONARY CLOSURES)					
CLOSURE TYPE	EXPOSURE CONDITION ¹	USE REQUIREMENTS ^{4,5}			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			w 45 MPH	35-40 MPH	1 30 MPH
LANE CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	REQUIRED ³	OPTIONAL ²
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²
SHOULDER CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	OPTIONAL ²	OPTIONAL ²	OPTIONAL ²

1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE NY1-A ASSUMES THERE IS NO POSITIVE PROTECTION (TEMPORARY TRAFFIC BARRIER) PRESENT. WHERE WORKERS OR HAZARDS ARE PROTECTED BY A TEMPORARY TRAFFIC BARRIER, BARRIER VEHICLES ARE NOT REQUIRED.
2. WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
3. REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE BARRIER VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE BARRIER VEHICLE SHALL BE REPOSITIONED ACCORDINGLY. BARRIER VEHICLES PROTECTING NON-TRAVERSABLE HAZARDS SHALL REMAIN IN PLACE DURING BOTH WORKING AND NON-WORKING HOURS UNTIL THE HAZARD NO LONGER EXISTS. EXCEPTIONS TO THESE REQUIREMENTS MAY BE MADE, AS APPROVED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE WHERE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
4. BARRIER VEHICLES ARE NOT REQUIRED FOR MILLING AND/OR PAVING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
5. BARRIER VEHICLES ARE NOT REQUIRED FOR FLAGGING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE6C-2) SHALL BE PROVIDED.

TABLE NY1-B SHADOW VEHICLE USE REQUIREMENTS (MOBILE CLOSURES)					
CLOSURE TYPE	EXPOSURE CONDITION	USE REQUIREMENTS			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			w 45 MPH	35-40 MPH	1 30 MPH
LANE CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}
SHOULDER CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}	REQUIRED ^{2,4}

1. A MOBILE CLOSURE SHALL BE USED FOR ANY WORK ACTIVITY THAT MOVES CONTINUOUSLY OR INTERMITTENTLY ALONG THE TRAVELED WAY OR SHOULDER SLOWER THAN THE PREVAILING SPEED OF TRAFFIC. CHANNELIZING DEVICES ARE NOT USED FOR MOBILE CLOSURES.
2. SHADOW VEHICLES SHALL BE EQUIPPED WITH AN APPROVED REAR MOUNTED ATTENUATOR (TRUCK MOUNTED OR TRAILER MOUNTED) FOR THE FOLLOWING MOBILE CLOSURES: LANE CLOSURES ON FREEWAYS, LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 35 MPH OR MORE, SHOULDER CLOSURES ON FREEWAYS, AND SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE.
3. FOR MOBILE LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 30 MPH OR LESS AND MOBILE SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 40 MPH OR LESS, SHADOW VEHICLES ARE NOT REQUIRED TO BE EQUIPPED WITH A REAR MOUNTED ATTENUATOR.
4. A SHADOW VEHICLE IS USED TO PROTECT EXPOSED WORKERS (ON FOOT OR IN A VEHICLE) AND SHALL BE REQUIRED FOR ALL MOBILE CLOSURES. SHADOW VEHICLE REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE SHADOW VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. ADDITIONAL SHADOW VEHICLES MAY BE REQUIRED TO PROMOTE THE SAFE OPERATION OF TRAFFIC AND THE INCREASED PROTECTION OF EXPOSED WORKERS, AS DIRECTED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE.

IN CHARGE OF	JOHN K. RUSCHKE, PE				
CHECKED BY	DANIEL HONOSHOWSKY, PE				
MADE BY	SAMANTHA J. ANELLO, PE				
		REVISION NUMBER	DATE	MADE BY	APP'D BY

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS										
SPEED LIMIT (S) (MPH)		TAPER LENGTH (L) (FT.)		L = TAPER LENGTH W = WIDTH OF OFFSET (FT.) S = PRECONSTRUCTION POSTED SPEED LIMIT (MPH)						
(40 MPH) OR LESS		L = WS^2 /60								
(45 MPH) OR MORE		L = WS								
STANDARD TAPER LENGTHS										
LATERAL SHIFT OF TRAFFIC FLOW PATH	TEMPORARY TRAFFIC CONTROL ZONE POSTED SPEED LIMIT									
	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

TABLE 6C-2 LONGITUDINAL BUFFER SPACE	
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE
25	155 FT.
30	200 FT.
35	250 FT.
40	305 FT.
45	360 FT.
50	425 FT.
55	495 FT.
60	570 FT.
65	645 FT.

TABLE NY2-A PLACEMENT DISTANCE FOR BARRIER VEHICLES					
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)				
	BARRIER VEHICLES*				
	(18000 LBS.)		(24000 LBS.)		
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MAXIMUM
> 55	100 FT.	200 FT.	100 FT.	200 FT.	
45 - 55	100 FT.	200 FT.	85 FT.	165 FT.	
< 45	85 FT.	165 FT.	50 FT.	100 FT.	

* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619:

BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES, AND OTHER STATIONARY WORK ZONES.

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE NY2-B PLACEMENT DISTANCE FOR SHADOW VEHICLES					
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)				
	SHADOW VEHICLES**				
	(18000 LBS.)		(24000 LBS.)		
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MAXIMUM
> 55	230 FT.	330 FT.	180 FT.	280 FT.	
45 - 55	180 FT.	280 FT.	150 FT.	250 FT.	
< 45	100 FT.	200 FT.	100 FT.	200 FT.	

* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619:

SHADOW VEHICLE - VEHICLE USED FOR MOBILE OR SHORT DURATION WORK OPERATIONS.

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE 6C-3 TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES	
TYPE OF TAPER	TAPER LENGTH (L)
MERGING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT. PER LANE

TABLE 619-4FLARE RATES FOR POSITIVE BARRIER

TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT					
	30 MPH	40 MPH	50 MPH	55 MPH	65 MPH	
TEMPORARY CONCRETE BARRIER	8:1	11:1	14:1	16:1	20:1	
BOX BEAM OR HEAVY POST CORRUGATED BEAM	7:1	9:1	11:1	12:1	15:1	

TABLE NY6H-3ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND	
	A (FT.)	B (FT.)	C (FT.)	XX	YY
URBAN (1 30 MPH*)	100	100	100	AHEAD	AHEAD
URBAN (35-40 MPH*)	200	200	200	AHEAD	AHEAD
URBAN (w 45 MPH*)	350	350	350	1000 FT.	AHEAD
RURAL	500	500	500	1500 FT.	1000 FT.
EXPRESSWAY / FREEWAY	1000	1500	2640	1 MILE	1/2 MILE

* PRECONSTRUCTION POSTED SPEED LIMIT


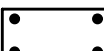





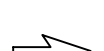





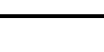
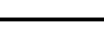
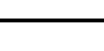


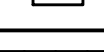
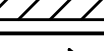
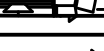
URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA)
SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.


RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE CHARACTERISTICS.

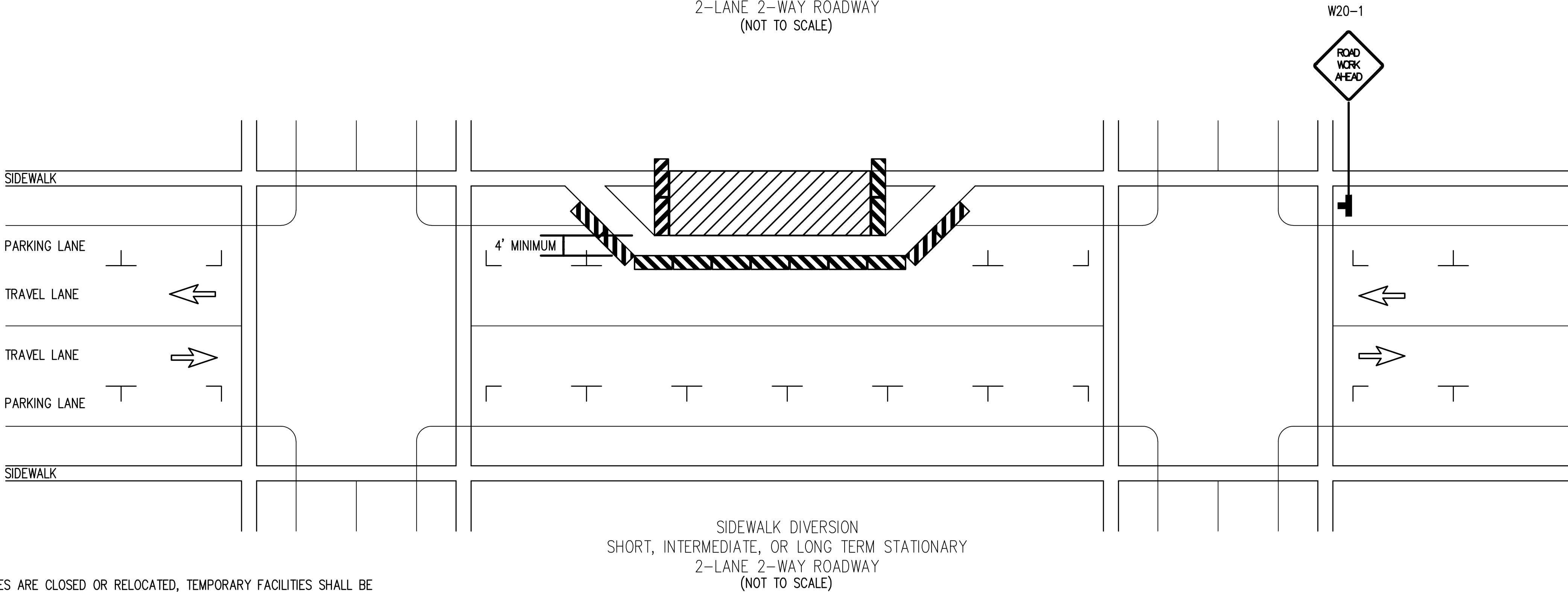
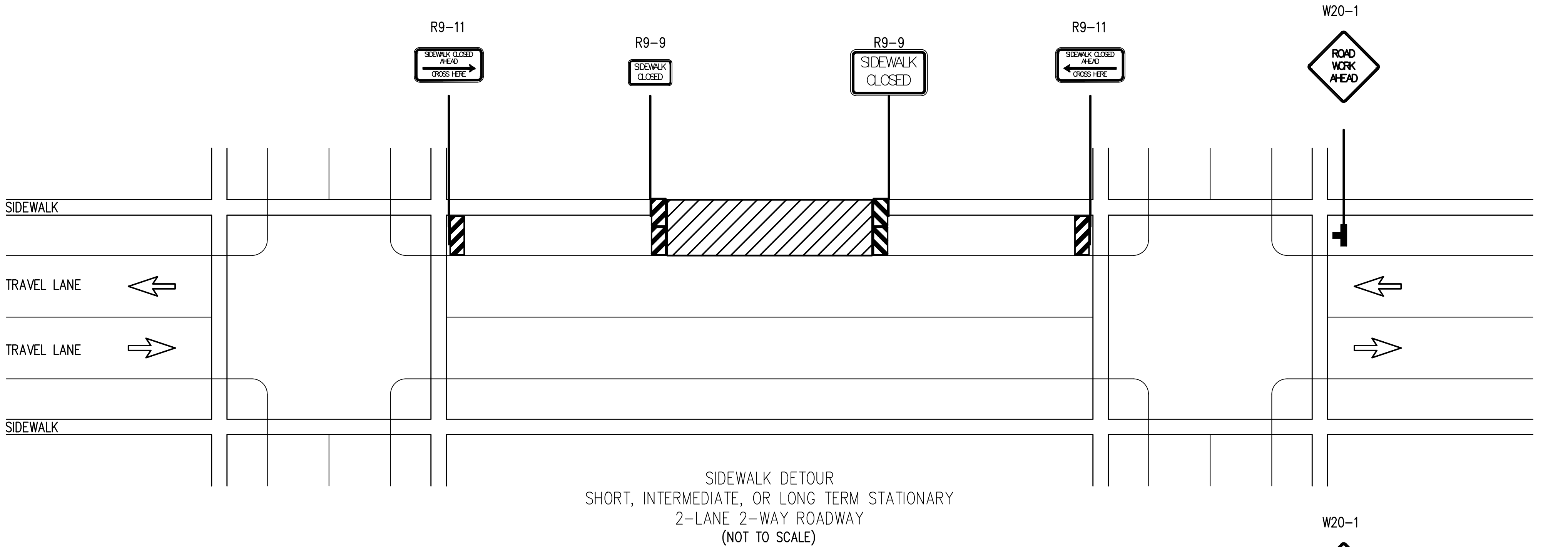
EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.

FREEWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

WORK DURATION DEFINITIONS
LONG-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.
INTERMEDIATE-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.
SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.
MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

WORK ZONE TRAFFIC CONTROL LEGEND	
SYMBOL	DESCRIPTION
	ARROW PANEL
	ARROW PANEL, CAUTION MODE
	ARROW PANEL TRAILER OR SUPPORT
	CHANGEABLE MESSAGE SIGN (PVMS)
	CHANNELIZING DEVICE
	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TEMPORARY TRAFFIC DETOUR
	DIRECTION OF TRAFFIC
	FLAGGER
	FLAG TREE
	LUMINAIRE
	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
	SIGN, TEMPORARY
	TEMPORARY BARRIER
	TEMPORARY BARRIER WITH WARNING LIGHTS
	TRAFFIC OR PEDESTRIAN SIGNAL
	TYPE III BARRICADE
	WARNING LIGHTS
	WORK SPACE
	WORK VEHICLE
	

CONSULTANT SEAL	CONSULTANT INFORMATION		
90% DRAFT	 MOTT MACDONALD Certificate No. 0013600	Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING	
		REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL DETAILS	CONTRACT NUMBER 20-510 SHEET NUMBER T-002 SHEET NO.31OF 35 SCALE: AS NOTED DATE: 11/16/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0



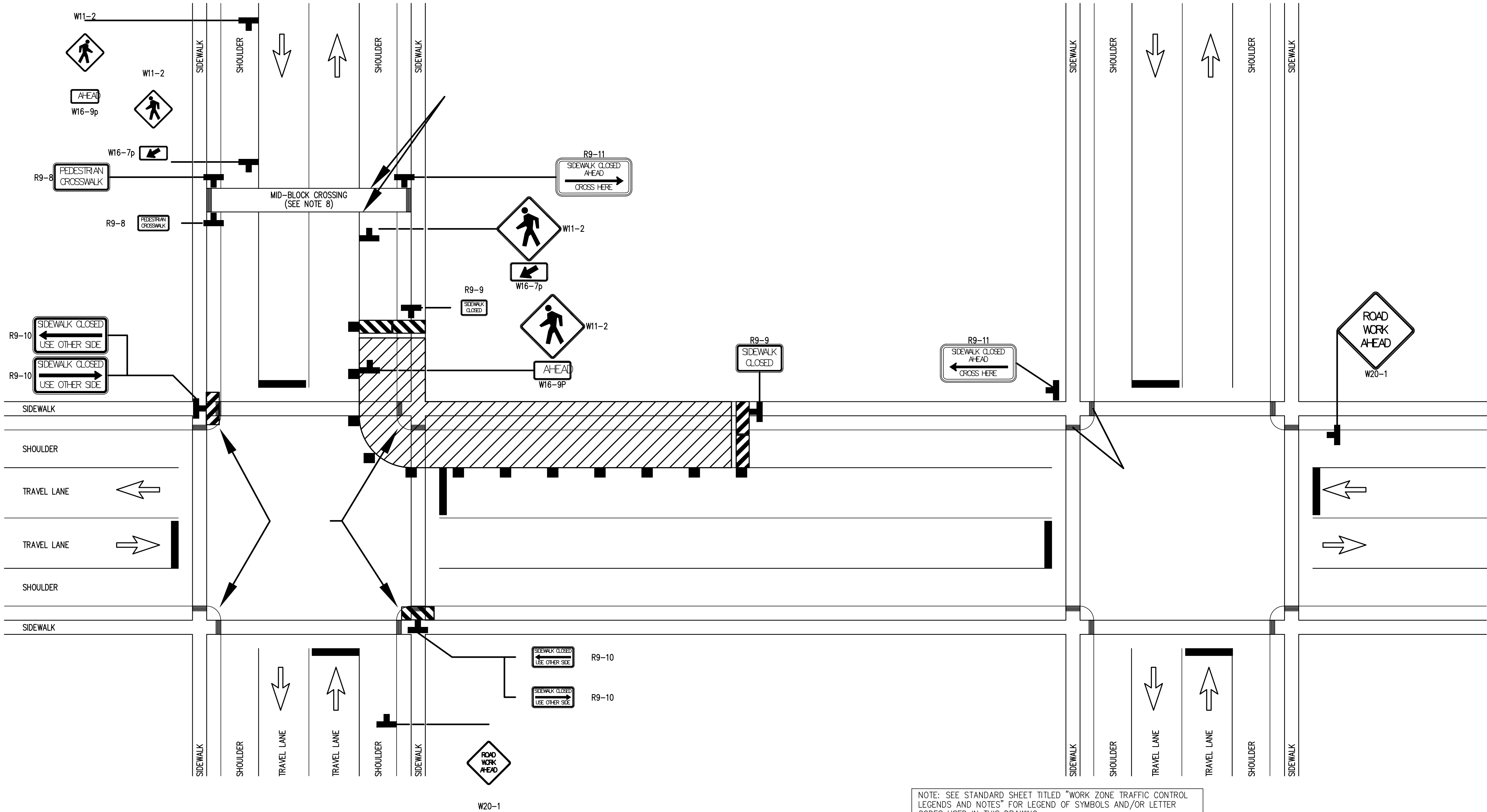
- NOTES:
1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING FACILITY.
 2. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND TEMPORARY IMPACT ATTENUATOR SHOULD BE USED TO SEPARATE THE TEMPORARY SIDEWALKS FROM VEHICULAR TRAFFIC.
 3. ONLY THE WORK ZONE TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR ROAD NARROWS SIGNS (W5-4), MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
 4. FOR NIGHTTIME CLOSURES, FLASHING WARNING LIGHTS SHALL BE USED ON BARRICADES SUPPORTING SIGNS AND CLOSING SIDEWALKS.
 5. SIGNS SUCH AS KEEP RIGHT (LEFT) SHALL BE PLACED ALONG A TEMPORARY SIDEWALK, WHERE APPLICABLE AND ACCORDING TO AMERICAN WITH DISABILITIES STANDARDS, TO GUIDE OR DIRECT PEDESTRIANS.
 6. TYPE II BARRICADES MAY BE SUBSTITUTED FOR TYPE III BARRICADES AS PER 619 STANDARD SPECIFICATIONS.

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT – CHANGES AS NOTED			
<input type="checkbox"/> AS BUILT – NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
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TITLE _____	TITLE _____	TITLE _____	TITLE _____
DATE _____	DATE _____	DATE _____	DATE _____

CONSULTANT SEAL		CONSULTANT INFORMATION	
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JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071267-1</small>		Certificate No. 0013600	
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING			
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL DETAILS		CONTRACT NUMBER 20-510	SHEET NUMBER T-003
SHEET NO.32 OF 35		SCALE: AS NOTED DATE: 11/16/2021	REV. NO. 0
DPW FILE NO. XX-XX-XX-XX		REV. NO. 0	



CROSSWALK CLOSURE AND PEDESTRIAN DETOUR
SHORT, INTERMEDIATE, OR LONG TERM STATIONARY
CROSSWALK CLOSURE ON 2-LANE 2-WAY ROADWAY
(NOT TO SCALE)

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL
LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER
CODES USED IN THIS DRAWING.

NOTES:

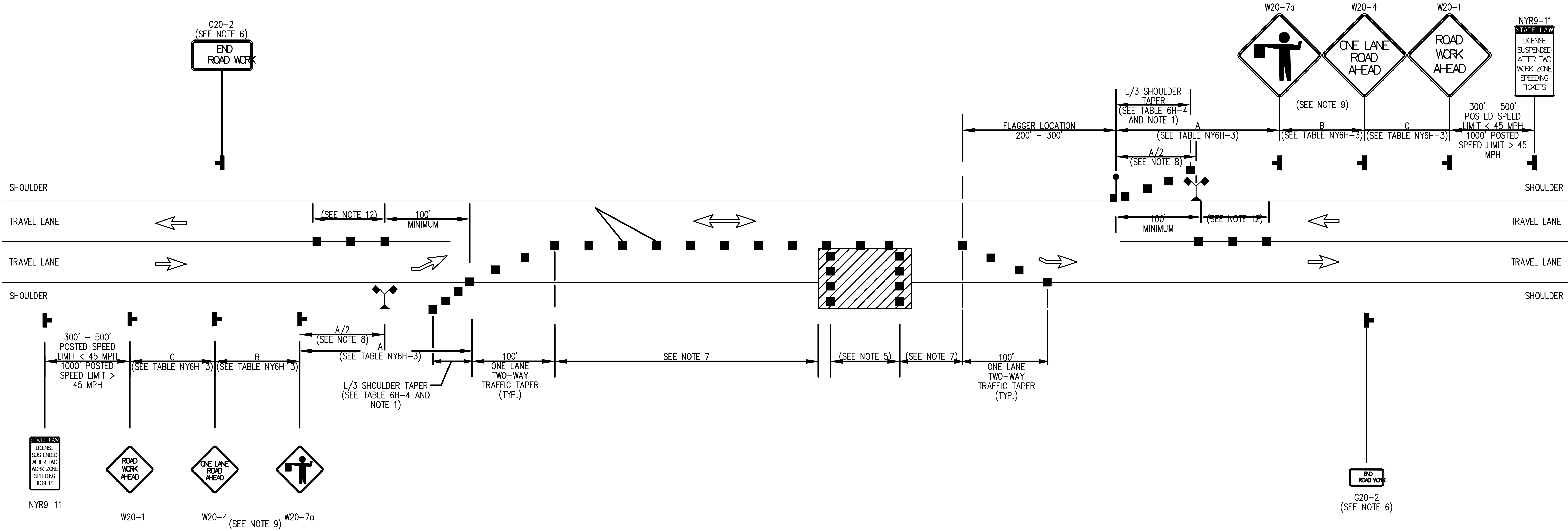
- WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING FACILITY.
- CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 50' IN ADVANCE OF THE MID-BLOCK CROSSWALK.
- PEDESTRIAN TRAFFIC SIGNAL DISPLAYS CONTROLLING CLOSED CROSSWALKS SHOULD BE COVERED OR DEACTIVATED.
- ONLY THE WORK ZONE TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR ROAD NARROWS SIGNS (W5-4), MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
- FOR NIGHTTIME CLOSURES, FLASHING WARNING LIGHTS SHALL BE USED ON BARRICADES SUPPORTING SIGNS AND CLOSING SIDEWALKS.
- FOR LONG-TERM STATIONARY WORK, THE DOUBLE YELLOW CENTERLINE AND/OR LANE LINES SHOULD BE REMOVED BETWEEN THE TEMPORARY CROSSWALK LINES.
- AREA SHALL BE RECONSTRUCTED TO BE ACCESSIBLE TO PEDESTRIANS.
- ALL MID-BLOCK CROSSINGS REQUIRE THE APPROVAL OF THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE.
- TYPE II BARRICADES MAY BE SUBSTITUTED FOR TYPE III BARRICADES AS PER 619 STANDARD SPECIFICATIONS.

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED			
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CONSULTANT SEAL		CONSULTANT INFORMATION	
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JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No. 071267-1</small>		Certificate No. 0013600	
Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811			
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER T-004
REHABILITATION OF FARRAGUT AVENUE (C.R. #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL DETAILS		SHEET NO. 33 OF 35 SCALE: AS NOTED DATE: 11/16/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	



FLAGGING OPERATION
SHORT OR INTERMEDIATE TERM STATIONARY
LANE CLOSURE ON 2-LANE 2-WAY ROADWAY
(NOT TO SCALE)

NOTES:

1. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED,CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVEL WAY.
2. WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED.ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
3. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
4. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
5. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS)WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
6. THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500'PAST THE END OF THE WORK SPACE.
7. WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED IN ORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, IN ORDER TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES.

8. THE FLAG TREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY 1/2 THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
9. FLAGGER SIGN (W20-7a) AND ONE LANE ROAD AHEAD SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURRING.
10. FLAGGER AND FLAG TREE SHALL BE ILLUMINATED TO LEVEL II ILLUMINATIONDURING NIGHT TIME OPERATIONS.
11. ALL FLAGGERS SHALL USE 24" (MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6" STAFF.
12. CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE SPACE CONSTRAINTS EXIST.

IN CHARGE OF JOHN K. RUSCHKE, PE

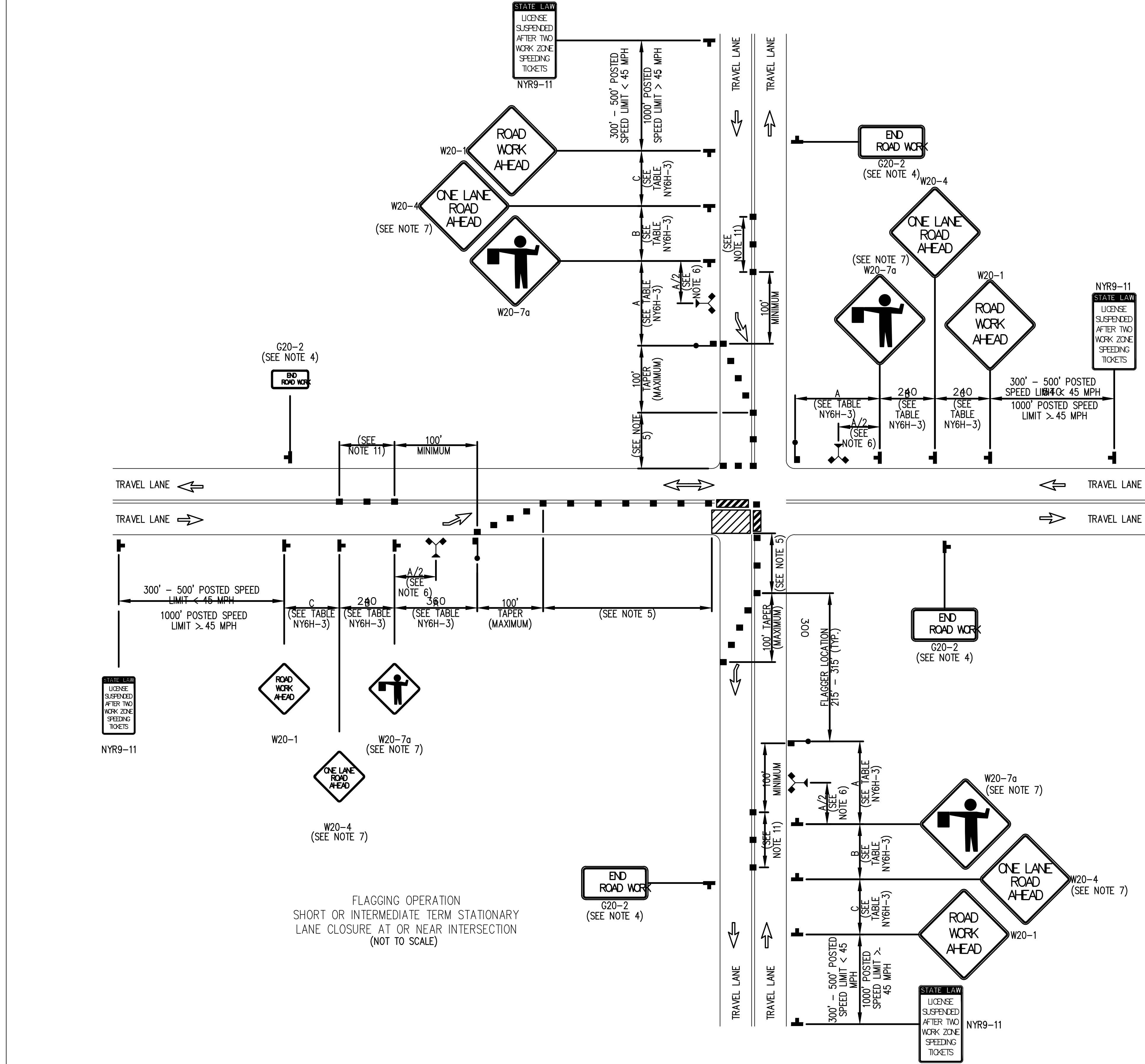
CHECKED BY DANIEL HONOSHOWSKY, PE

MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

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CONSULTANT SEAL <div>90% DRAFT</div> JOHN K. RUSCHKE <small>N.Y. Professional Engineer Lic. No 071287-1</small>	CONSULTANT INFORMATION <div>M M</div> <div>MOTT MACDONALD</div> <div>Certificate No. 0013600</div>	Mott MacDonald NY Inc. 120 White Plains Road, Suite 140 Tarrytown, New York 10591 Tel: 914.292.1810 Fax: 914.292.1811	
		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING	
		CONTRACT NUMBER 20-510	SHEET NUMBER T-005
		SHEET NO.34of 35	
REHABILITATION OF FARRAGUT AVENUE (C.R.#151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL DETAILS		SCALE: AS NOTED DATE: 11/16/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	



- NOTES:
- AT SIGNALIZED INTERSECTIONS, SIGNALS SHALL BE TURNED OFF FOR ANY FLAGGING OPERATIONS, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
 - WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVEL WAY.
 - CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
 - THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500' PAST THE END OF THE WORK SPACE.
 - WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED IN ORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, IN ORDER TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES.
 - THE FLAG TREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY 1/2 THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
 - FLAGGER SIGN (W20-7a) AND ONE LANE ROAD AHEAD SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURRING.
 - FLAGGER AND FLAG TREE SHALL BE ILLUMINATED TO LEVEL II ILLUMINATION DURING NIGHT TIME OPERATIONS.
 - ALL FLAGGERS SHALL USE 24" (MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6' STAFF.
 - ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK AREA.
 - CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE SPACE CONSTRAINTS EXIST.
 - NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
 - FOR PEDESTRIAN DETOUR ACCOMMODATIONS REFER TO THE STANDARD SHEETS TITLED "SIDEWALK DETOUR OR DIVERSION" AND "CROSSWALK CLOSURE AND PEDESTRIAN DETOUR".

IN CHARGE OF JOHN K. RUSCHKE, PE
CHECKED BY DANIEL HONOSHOWSKY, PE
MADE BY SAMANTHA J. ANELLO, PE

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED			
<input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING		CONTRACT NUMBER 20-510	SHEET NUMBER T-006
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL DETAILS		SHEET NO.35OF 35 SCALE: AS NOTED DATE: 11/16/2021 DPW FILE NO. XX-XX-XX-XX REV. NO. 0	