

INDEX OF SHEETS

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STANDARDS

- 000001 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001 TEMPORARY EROSION CONTROL SYSTEMS

STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES

YORKVILLE DAM EROSION REPAIR
FOX RIVER

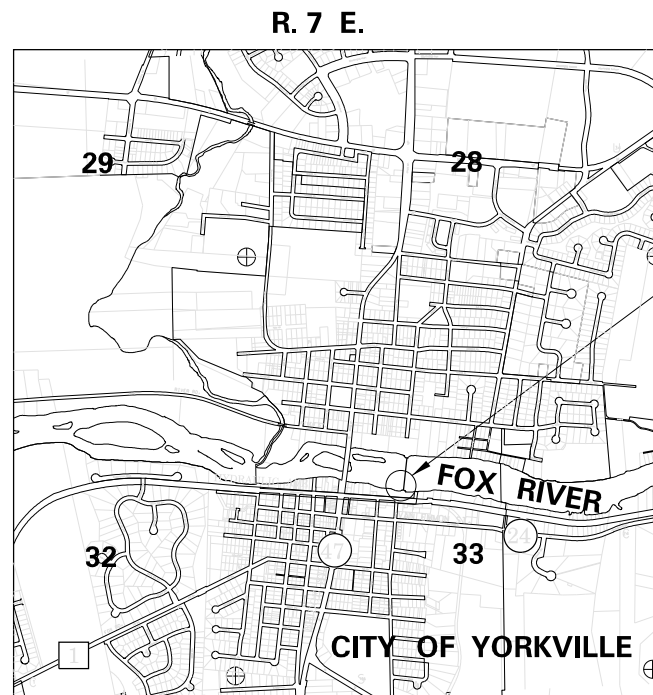
YORKVILLE, ILLINOIS
KENDALL COUNTY

FR-444

2022

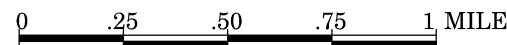


REGIONAL MAP

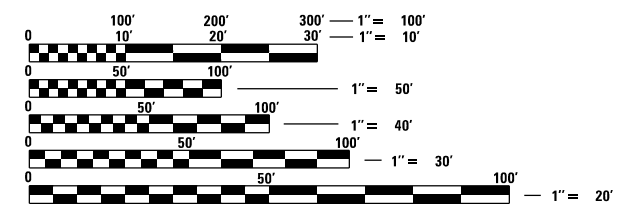


PROJECT LOCATION

LOCATION MAP

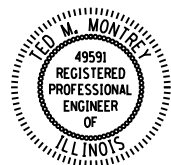


SCALE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

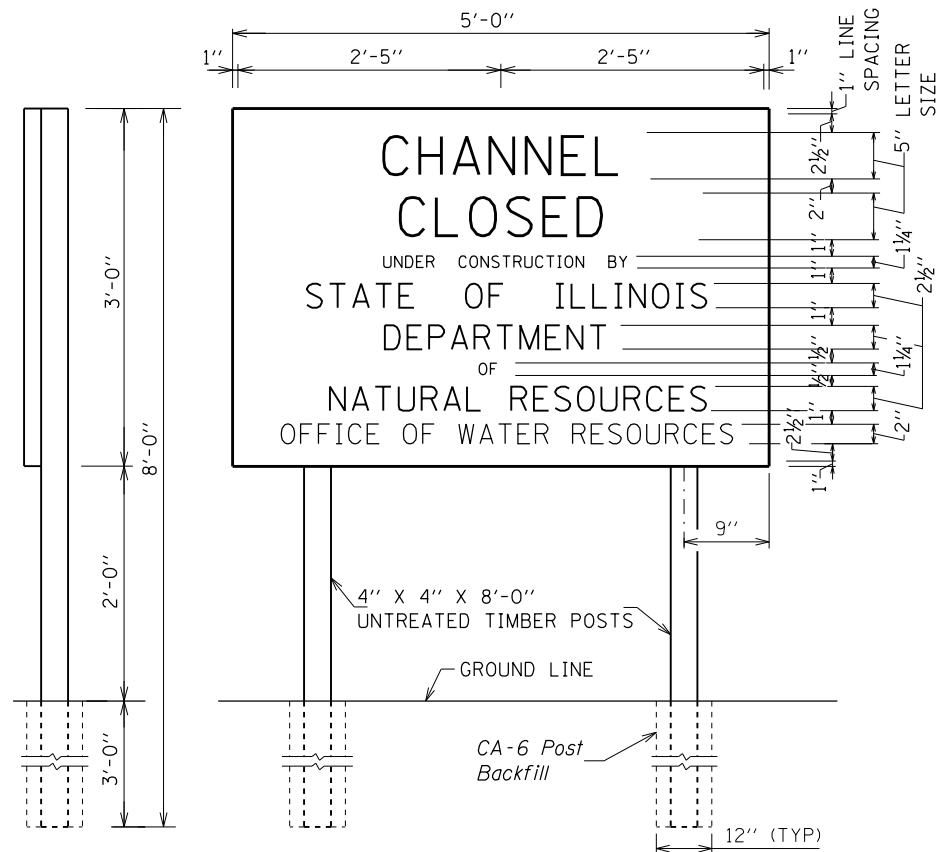
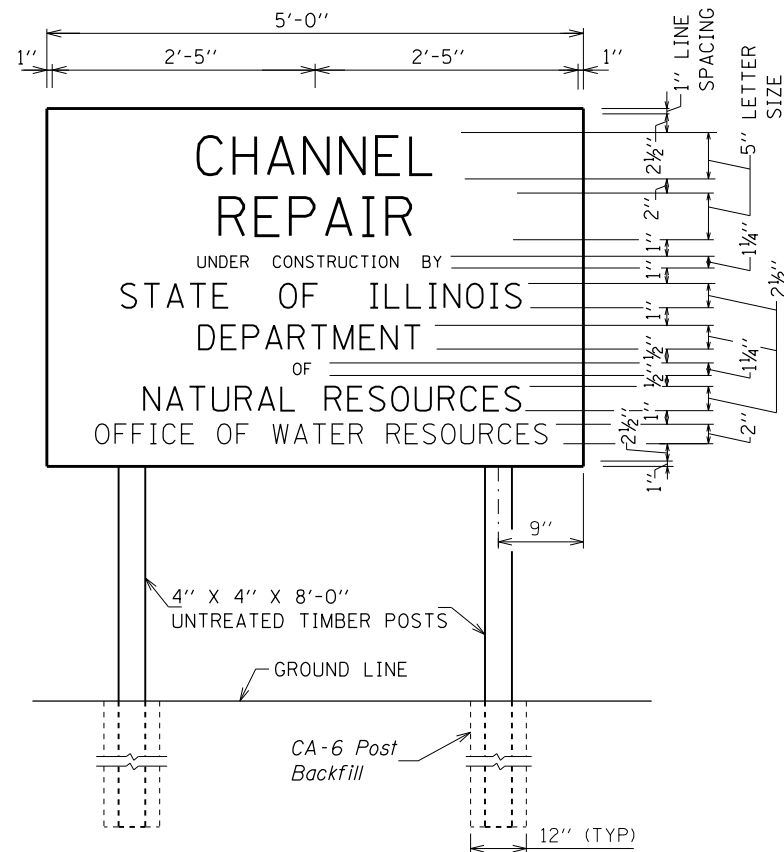


Ted Montney 1/7/22

ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-049591
 LICENSE EXPIRES 11-30-23

SUBMITTED BY: *[Signature]* DATE 1/7/2022
 MANAGER, DIVISION OF CAPITAL PROGRAMS

APPROVED BY: *[Signature]* DATE 1/7/22
 DIRECTOR, OFFICE OF WATER RESOURCES



SIGN NOTES

SIGN SHALL BE MADE OF 3/4" PLYWOOD, OXBOARD, OR OF METAL (18 GA.). THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR FOR CONSTRUCTING AND ERECTING THE SIGN. THE SIGN SHALL BE PLACED PRIOR TO THE STARTING OF ACTUAL CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. BEFORE ANY SIGN IS ERECTED, IT SHALL BE APPROVED BY THE ENGINEER AS TO ITS APPEARANCE AND QUALITY OF CONSTRUCTION. THE SIGN SHALL REMAIN IN PLACE AND SHALL BE MAINTAINED IN SATISFACTORY CONDITION UNTIL THE PROJECT IS ACCEPTED BY THE DEPARTMENT. THE CONTRACTOR SHALL THEN REMOVE THE SIGN, AND THE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

THE LETTERS ON THE SIGN SHALL BE BLACK MECHANICAL STYLE ON A WHITE BACKGROUND AND APPROPRIATE BORDER LINES.

PAID AS WOOD INFORMATION SIGNS.

ONE SIGN SHALL SAY "CHANNEL REPAIR" AND BE PLACED ON THE NORTH SIDE OF HYDRAULIC AVENUE JUST TO THE EAST OF THE SIDEWALK ACCESS SHOWN ON SHEET 7.

ONE SIGN SHALL SAY "CHANNEL CLOSED" AND BE PLACED NEAR THE UPSTREAM ENTRANCE TO THE BYPASS CHANNEL AS SHOWN ON SHEET 7.

GENERAL NOTES

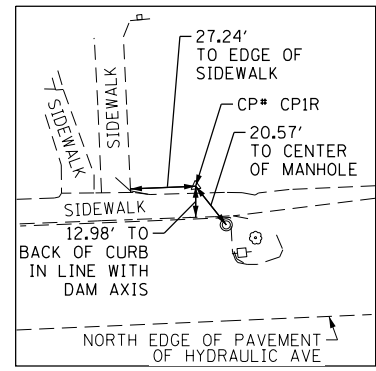
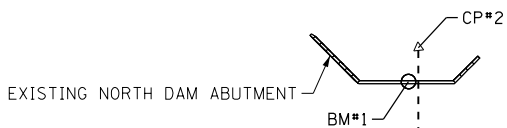
1. ALL ELEVATIONS ARE BASED ON N.G.V.D. (NATIONAL GEODETIC VERTICAL DATUM) 1929.
2. ALL COORDINATES ARE NAD (NORTH AMERICAN DATUM) 1983 WITH 1986 ADJUSTMENTS.
3. ALL CONSTRUCTION OPERATIONS SHALL BE CONTAINED WITHIN THE EASEMENT AREA OR WORK LIMITS AS INDICATED ON THE PLANS.
4. CLASS SI CONCRETE SHALL BE USED THROUGHOUT UNLESS SPECIFIED ELSEWHERE.
5. THE CONTRACTOR IS REMINDED TO PROTECT AND RESTORE AT CONTRACTOR'S EXPENSE, IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, ANY PRIVATE OR PUBLIC PROPERTY, WHICH MAY BE DAMAGED OR DESTROYED DUE TO CONSTRUCTION OPERATIONS.
6. UNLESS OTHERWISE SPECIFIED, ALL UTILITIES SHALL BE PROTECTED AND NOT DISTURBED. ALL DRAINAGE OUTFALLS SHALL BE PROTECTED AND MAINTAINED. ALL COSTS OF PROTECTION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
7. ALL ACCESS TO THE CONSTRUCTION SITE SHALL BE PROVIDED TO THE CONTRACTOR WITHIN THE GENERAL LOCATION SHOWN ON THE PLANS.
8. ACCESS TO COMMONWEALTH EDISON COMPANY SUBSTATION SHALL NOT BE OBSTRUCTED BY THE CONTRACTOR.
9. SMALL NON-ERODIBLE COFFERDAM SYSTEMS MAY BE REQUIRED FOR GROUT AND CONCRETE COMPONENTS DEPENDING UPON WATER LEVELS AT THE TIME OF CONSTRUCTION. GROUT AND CONCRETE MIXES SHALL BE PLACED IN THE DRY AND PROTECTED UNTIL INITIAL SET. IF THE CONTRACTOR PROPOSES THE USE OF COFFERDAMS TO BENEFIT CONSTRUCTION OPERATIONS, THE PROVISIONS OF ARTICLE 502.06 OF THE STANDARD SPECIFICATIONS SHALL APPLY WITH THE EXCEPTION THAT ALL WORK IS AT NO ADDITIONAL COST TO THE DEPARTMENT. ALL COSTS ASSOCIATED WITH COFFERDAMS, DEWATERING AND REMOVAL SHALL BE IN THE RESPECTIVE PAY ITEMS THAT ARE BEING CONSTRUCTED. ALL WORK ASSOCIATED WITH COFFERDAMS, DEWATERING AND COFFERDAM EXCAVATION SHALL ABIDE BY ALL FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS.
10. THE CONTRACTOR SHALL FURNISH, ERECT AND WHEN DIRECTED BY THE ENGINEER, COMPLETELY REMOVE TWO CONSTRUCTION SIGNS. THE EXACT LOCATION OF THE SIGNS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
11. NO SOIL, FINES OR OTHER FOREIGN MATERIAL SHALL BE PLACED IN OR ON THE CAUSEWAY MATERIAL. THE CONTRACTOR SHALL REMOVE ALL MATERIAL AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
12. CAUSEWAY ELEVATION SHALL NOT EXCEED EL 574.95.
13. THE CONTRACTOR SHALL STAY WITHIN THE WORK LIMITS SHOWN ON SHEET 5.
14. THE HYDRAULIC FLUID IN ALL EQUIPMENT SHALL BE ENVIRONMENTALLY FRIENDLY, NON-TOXIC TO FISH AND AQUATIC SPECIES AND CLASSIFIED AS INHERENTLY BIODEGRADABLE, AND ACCEPTABLE TO THE ENGINEER.

1/12/2022	DESIGNED - TMM	REVISED	STATE OF ILLINOIS DEPARTMENT OF NATURAL RESOURCES OFFICE OF WATER RESOURCES	YORKVILLE DAM EROSION REPAIR	COUNTY	TOTAL SHEETS	SHEET NO.
2:46:25 PM	DRAWN - JTC	REVISED			KENDALL	22	3
G:\04\Proj\Imp\Projects\Yorkville Dam Erosion Repairs\Plan Sheets\Summary of Quantities and General Notes 2.dgn	CHECKED - LEL	REVISED			SUMMARY OF QUANTITIES AND GENERAL NOTES		
100.0000 ' / in.	DATE -1-7-2022	REVISED			PROJECT FR-444		

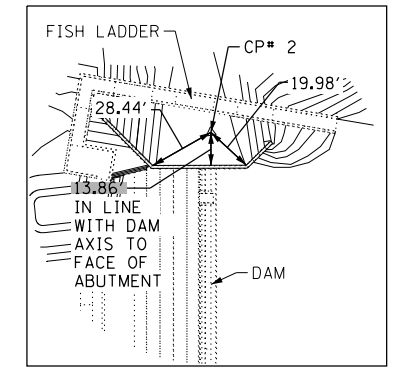


MAIN WATERWAY ALIGNMENT TABLE		
STATION	NORTHING	EASTING
POT STA 3+15.28	1812641.1126	953629.6941
PI STA 7+10.54	1812417.1301	953955.3675
PI STA 9+31.78	1812406.7750	954178.5850
PI STA 12+70.75	1812370.2313	954515.5839
PI STA 13+46.90	1812373.4468	954591.7299
PI STA 14+26.16	1812387.1169	954669.8425
POT STA 16+67.41	1812459.4240	954900.0570

CURVE C1	CURVE C2	CURVE C3	CURVE C4
PROP CURVE C1 PI STA = 7+10.54 Δ = 31° 51' 44" D = 38' 11" 49" R = 150,000 T = 42.82 L = 82.42 E = 5.99 P.C. STA = 6+67.72 P.T. STA = 7+51.14	PROP CURVE C2 PI STA = 12+70.74 Δ = 8° 36' 25" D = 23° 52' 24" R = 240,000 T = 18.06 L = 36.05 E = 0.68 P.C. STA = 12+52.69 P.T. STA = 12+88.75	PROP CURVE C3 PI STA = 13+46.90 Δ = 7° 30' 30" D = 23° 52' 24" R = 240,000 T = 15.75 L = 31.45 E = 0.52 P.C. STA = 13+31.15 P.T. STA = 13+62.60	PROP CURVE C4 PI STA = 14+26.16 Δ = 7° 30' 37" D = 23° 52' 24" R = 240,000 T = 15.75 L = 31.46 E = 0.52 P.C. STA = 14+10.40 P.T. STA = 14+41.86



CONTROL POINT CP1R
IDNR DISK ON 30"
IRON PIPE
STA 9+99, 158.3' RT
N 1812242.080
E 954229.016
EL 581.06



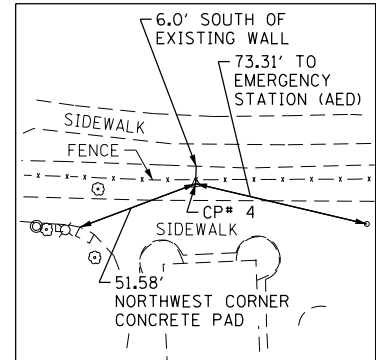
CONTROL POINT 2
IDNR DISK ON 30"
IRON PIPE
STA 10+04, 479.8' LT
N 1812876.34
E 954299.11

BENCHMARK 1
METAL PLUG IN CHISELED SQUARE ON NORTH DAM ABUTMENT
STA 9+97, 465.7' LT
ELEVATION = 582.096
N 1812862.756
E 954293.472

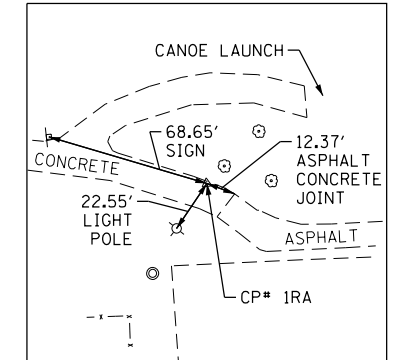
BENCHMARK 2
CHISELED SQUARE ON EAST CORNER OF SOUTH BRIDGE ABUTMENT RETAINING WALL
STA 9+29, 93.7' RT
ELEVATION = 579.96
N 1812333.455
E 954238.328

BENCHMARK 3
5/8" DIAMETER IRON PIN WITH DNR CAP
STA 7+27, 156.7' RT
ELEVATION = 582.575 (NGVD '29)
N 1812264.495
E 953943.582

LEGEND:
△ CP - CONTROL POINT
○ BM - BENCHMARK

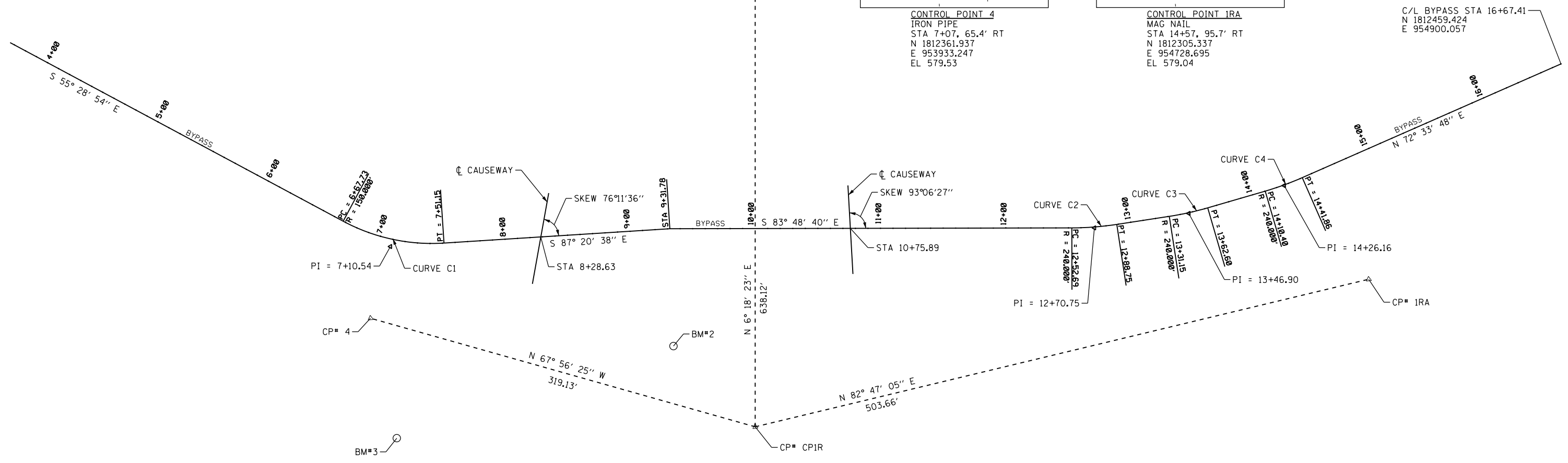


CONTROL POINT 4
IRON PIPE
STA 7+07, 65.4' RT
N 1812361.937
E 953933.247
EL 579.53



CONTROL POINT 1RA
MAG NAIL
STA 14+57, 95.7' RT
N 1812305.337
E 954728.695
EL 579.04

C/L BYPASS STA 16+67.41
N 1812459.424
E 954900.057



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






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DRAWN - JTC	REVISED
CHECKED - LEL	REVISED
DATE - 1-7-2022	REVISED

STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES

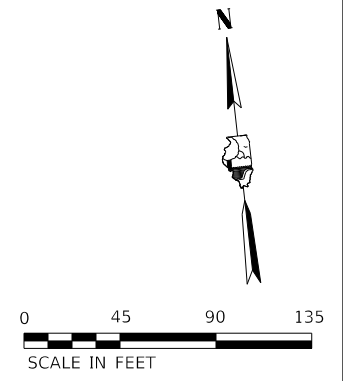
YORKVILLE DAM EROSION REPAIR
ALIGNMENT AND TIES

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	4
PROJECT FR-444		

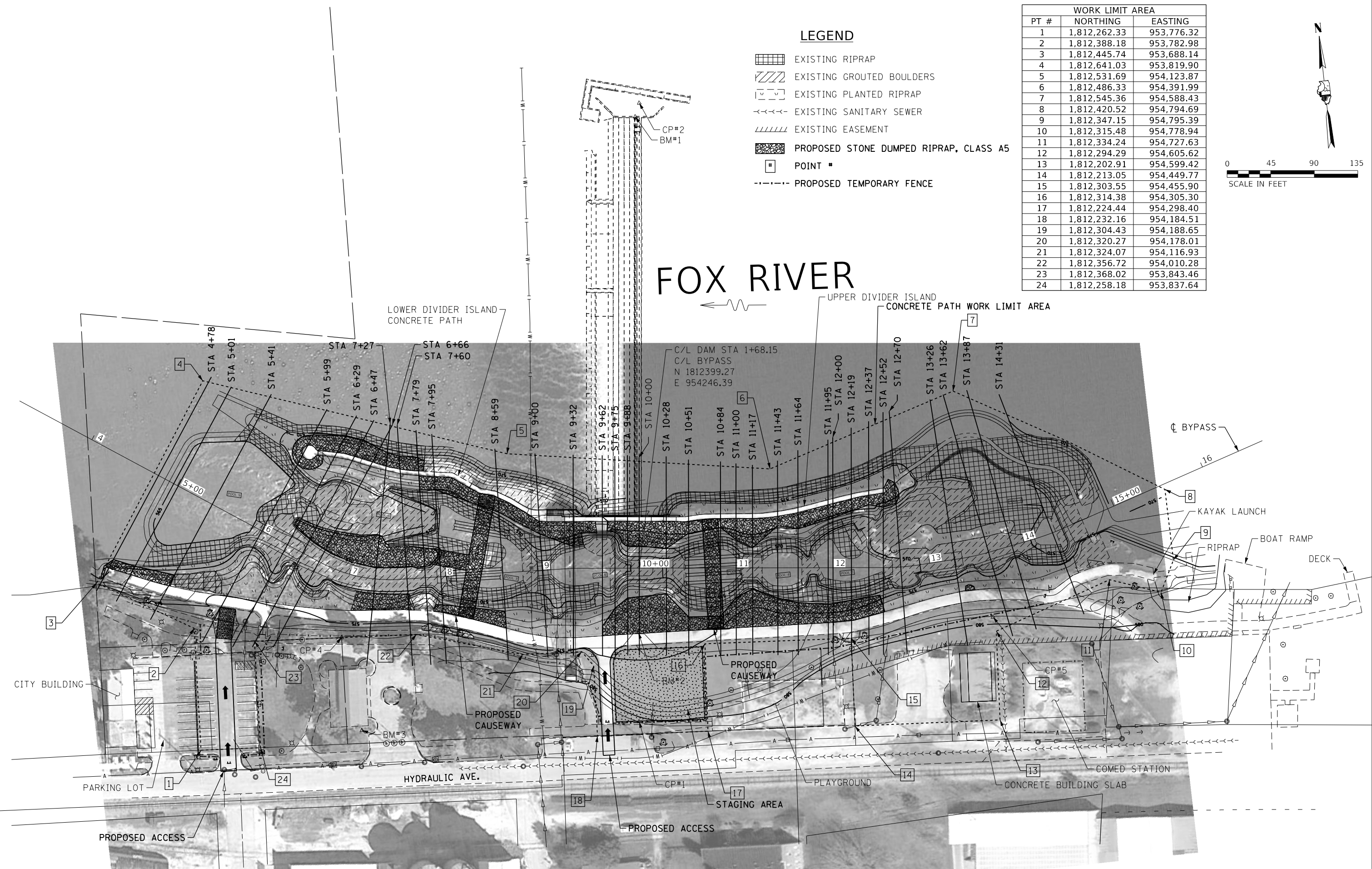
LEGEND

-  EXISTING RIPRAP
-  EXISTING GROUTED BOULDERS
-  EXISTING PLANTED RIPRAP
-  EXISTING SANITARY SEWER
-  EXISTING EASEMENT
-  PROPOSED STONE DUMPED RIPRAP, CLASS A5
-  POINT #
-  PROPOSED TEMPORARY FENCE

WORK LIMIT AREA		
PT #	NORTHING	EASTING
1	1,812,262.33	953,776.32
2	1,812,388.18	953,782.98
3	1,812,445.74	953,688.14
4	1,812,641.03	953,819.90
5	1,812,531.69	954,123.87
6	1,812,486.33	954,391.99
7	1,812,545.36	954,588.43
8	1,812,420.52	954,794.69
9	1,812,347.15	954,795.39
10	1,812,315.48	954,778.94
11	1,812,334.24	954,727.63
12	1,812,294.29	954,605.62
13	1,812,202.91	954,599.42
14	1,812,213.05	954,449.77
15	1,812,303.55	954,455.90
16	1,812,314.38	954,305.30
17	1,812,224.44	954,298.40
18	1,812,232.16	954,184.51
19	1,812,304.43	954,188.65
20	1,812,320.27	954,178.01
21	1,812,324.07	954,116.93
22	1,812,356.72	954,010.28
23	1,812,368.02	953,843.46
24	1,812,258.18	953,837.64



FOX RIVER



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DRAWN - JTC	REVISED
CHECKED - LEL	REVISED
DATE - 1-7-2022	REVISED

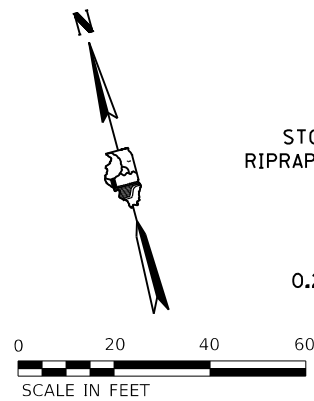
**STATE OF ILLINOIS
 DEPARTMENT OF NATURAL RESOURCES
 OFFICE OF WATER RESOURCES**

**YORKVILLE DAM EROSION REPAIR
 GENERAL PLAN**

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	5
PROJECT FR-444		

NOTES:

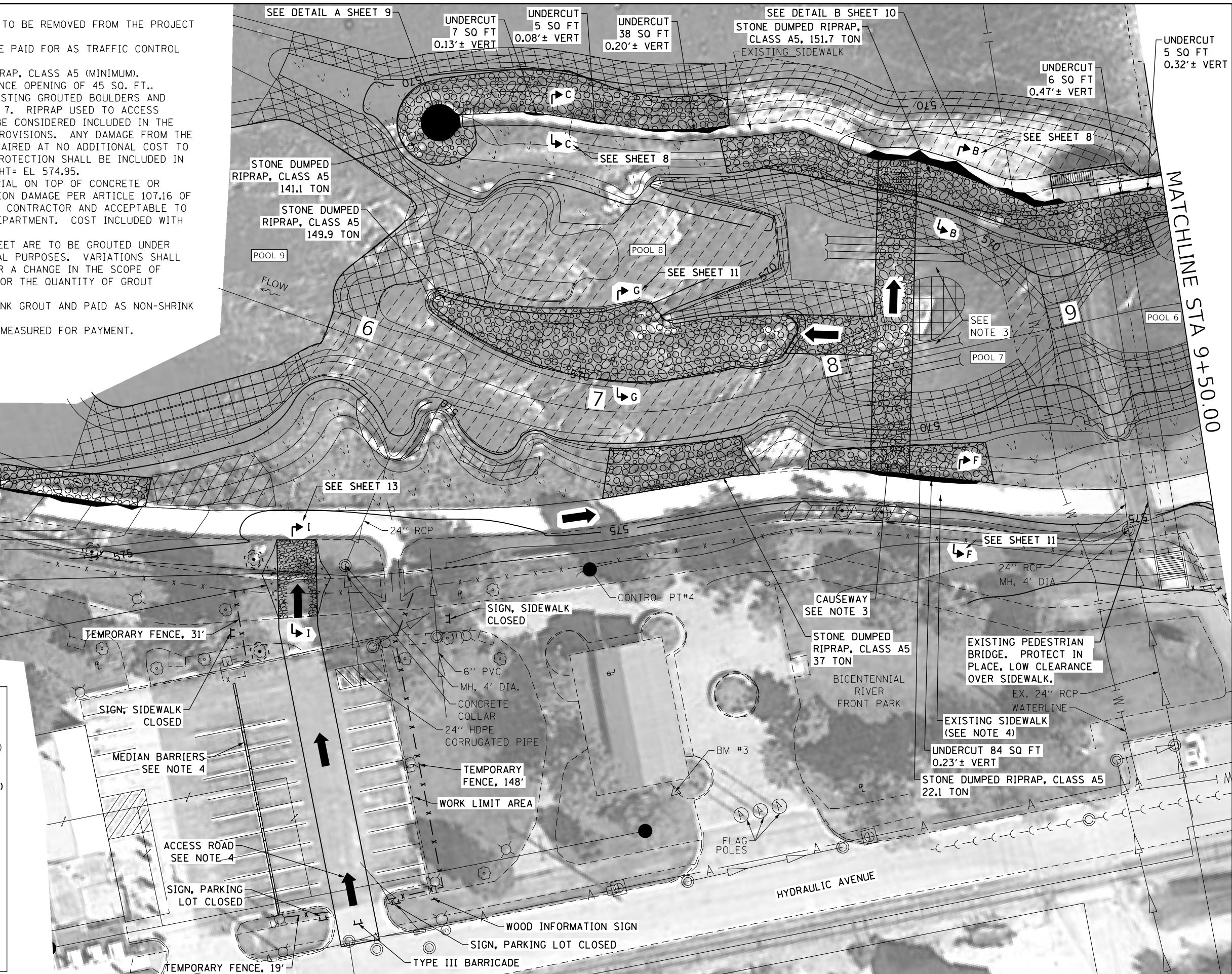
1. CONTRACTOR SHALL BECOME OWNER OF ALL ITEMS TO BE REMOVED FROM THE PROJECT SITE.
2. SIGNS, MEDIAN BARRIERS, FLAGGERS, ETC SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL.
3. CAUSEWAY MATERIAL SHALL BE STONE DUMPED RIPRAP, CLASS A5 (MINIMUM). CAUSEWAY PIPES SHALL HAVE A MINIMUM CONVEYANCE OPENING OF 45 SQ. FT.. CAUSEWAY SHALL NOT BE LOCATED ON TOP OF EXISTING GROUTED BOULDERS AND SHALL BE RESTRICTED TO CROSSING POOLS 5 AND 7. RIPRAP USED TO ACCESS SIDEWALK REPAIR AND RIPRAP PLACEMENT SHALL BE CONSIDERED INCLUDED IN THE LUMP SUM COST FOR CAUSEWAYS. SEE SPECIAL PROVISIONS. ANY DAMAGE FROM THE CAUSEWAY TO THE BYPASS CHANNEL SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DEPARTMENT. CAUSEWAY PIPES AND OUTLET PROTECTION SHALL BE INCLUDED IN THE COST OF THE CAUSEWAY. MAX CAUSEWAY HEIGHT= EL 574.95.
4. PLACE TIMBER MATS OR OTHER PROTECTION MATERIAL ON TOP OF CONCRETE OR ASPHALT SURFACES TO PROTECT FROM CONSTRUCTION DAMAGE PER ARTICLE 107.16 OF IDOT STD SPECS. DAMAGES WILL BE REPAIRED BY CONTRACTOR AND ACCEPTABLE TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT. COST INCLUDED WITH "AGGREGATE FOR TEMPORARY ACCESS".
5. ALL AREAS DE-NOTED AS "UNDERCUT" ON THIS SHEET ARE TO BE GROUTED UNDER THE SIDEWALK AND ARE SOLELY FOR INFORMATIONAL PURPOSES. VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY OF GROUT ACTUALLY MEASURED FOR PAYMENT.
6. UNDERCUT AREAS SHALL BE FILLED WITH NON-SHRINK GROUT AND PAID AS NON-SHRINK GROUT.
7. SEED MULCH & FERTILIZE STAGING AREA WILL BE MEASURED FOR PAYMENT.
8. FOR SIGN DETAILS SEE SHEET 13.



AGGREGATE FOR TEMPORARY ACCESS. REMOVE AND REPLACE BLOCK/STONE EXISTING RETAINING WALL AS NEEDED TO ALLOW FOR CONSTRUCTION ACCESS TO SITE. SEE NOTE 4.

SEEDING, MULCHING AND FERTILIZING, 0.02 ACRES

LEGEND	
	24" GROUTED BOULDERS (EXISTING)
	STONE RIPRAP CLASS A5 (EXISTING)
	STONE RIPRAP CLASS A5, SPECIAL (EXISTING)
	STONE BOULDERS
	STONE DUMPED RIPRAP, CLASS A5 (PROPOSED)
	SEEDING & FERTILIZING
	AGGREGATE FOR TEMPORARY ACCESS
	SIDEWALK UNDERCUT TO BE GROUTED
	PROPOSED ACCESS
	PROPOSED MEDIAN BARRIERS
	TREE PROTECTION
	TEMPORARY FENCE
	WORK LIMIT AREA



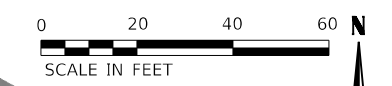
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DESIGNED - TMM	REVISED
DRAWN - JTC	REVISED
CHECKED - LEL	REVISED
DATE - 1-7-2022	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF NATURAL RESOURCES
 OFFICE OF WATER RESOURCES**

**YORKVILLE DAM EROSION REPAIR
 LOWER BYPASS**

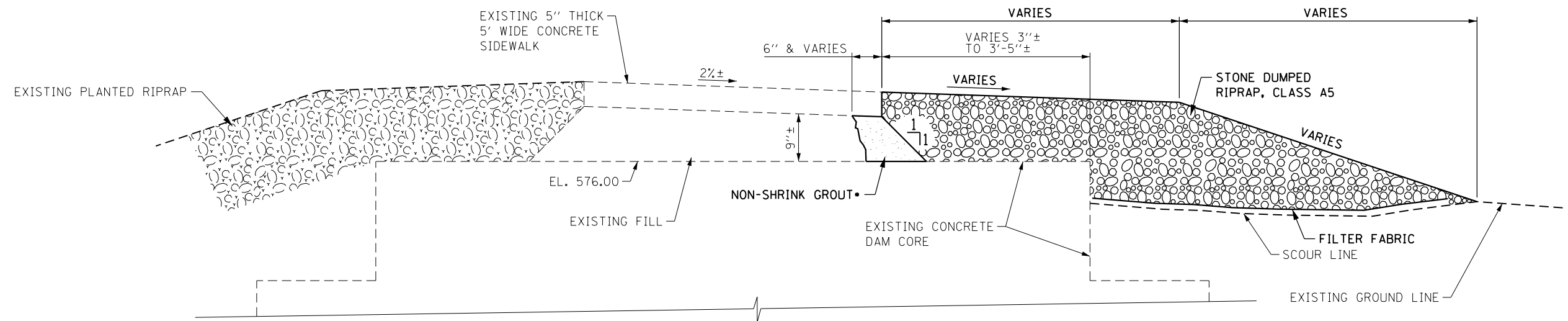
COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	6
PROJECT FR-444		



- NOTES:**
- CONTRACTOR SHALL BECOME OWNER OF ALL ITEMS TO BE REMOVED FROM THE PROJECT SITE.
 - SIGNS, MEDIAN BARRIERS, FLAGGERS, ETC SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, SPECIAL.
 - CAUSEWAY MATERIAL SHALL BE STONE DUMPED RIPRAP, CLASS A5 (MINIMUM). CAUSEWAY PIPES SHALL HAVE A MINIMUM CONVEYANCE OPENING OF 45 SQ. FT.. CAUSEWAY SHALL NOT BE LOCATED ON TOP OF EXISTING GROUDED BOULDERS AND SHALL BE RESTRICTED TO CROSSING POOLS 5 AND 7. RIPRAP USED TO ACCESS SIDEWALK REPAIR AND RIPRAP PLACEMENT SHALL BE CONSIDERED INCLUDED IN THE LUMP SUM COST FOR CAUSEWAYS. SEE SPECIAL PROVISIONS. ANY DAMAGE FROM THE CAUSEWAY TO THE BYPASS CHANNEL SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DEPARTMENT. CAUSEWAY PIPES AND OUTLET PROTECTION SHALL BE INCLUDED IN THE COST OF THE CAUSEWAY. MAX CAUSEWAY HEIGHT= EL 574.95.
 - PLACE TIMBER MATS OR OTHER PROTECTION MATERIAL ON TOP OF CONCRETE OR ASPHALT SURFACES TO PROTECT FROM CONSTRUCTION DAMAGE PER ARTICLE 107.16 OF IDOT STD SPECS. DAMAGES WILL BE REPAIRED BY CONTRACTOR AND ACCEPTABLE TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT. COST INCLUDED WITH "AGGREGATE FOR TEMPORARY ACCESS".
 - ALL AREAS DE-NOTED AS "UNDERCUT" ON THIS SHEET ARE TO BE GROUDED UNDER THE SIDEWALK AND ARE SOLELY FOR INFORMATIONAL PURPOSES. VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY OF GROUT ACTUALLY MEASURED FOR PAYMENT.
 - UNDERCUT AREAS SHALL BE FILLED WITH NON-SHRINK GROUT AND PAID AS NON-SHRINK GROUT.
 - SEED MULCH & FERTILIZE STAGING AREA WILL BE MEASURED FOR PAYMENT.
 - FOR SIGN DETAILS SEE SHEET 13.
 - REMOVE ALL TEMPORARY EROSION CONTROL MEASURES ONLY AFTER SITE IS STABILIZED WITH VEGETATION.

LEGEND

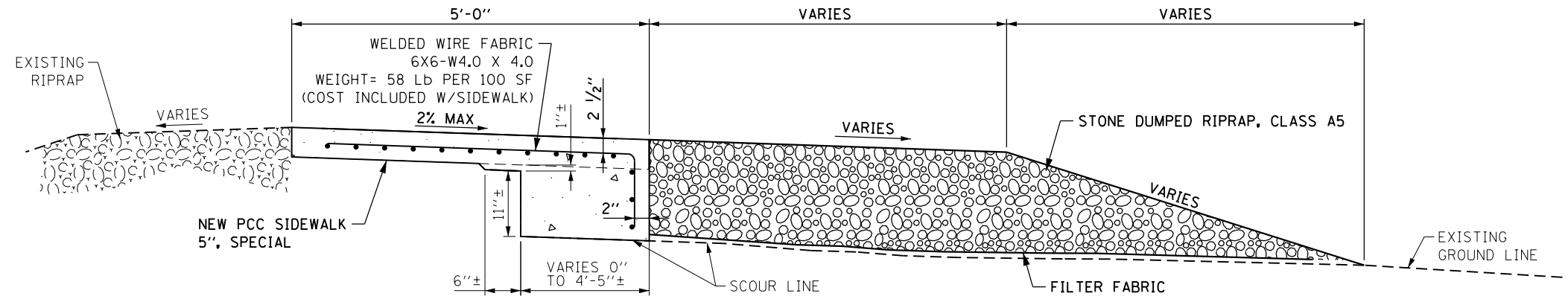
- 24" GROUDED BOULDERS (EXISTING)
- STONE RIPRAP CLASS A5 (EXISTING)
- STONE RIPRAP CLASS A5, SPECIAL (EXISTING)
- STONE DUMPED RIPRAP, CLASS A5 (PROPOSED)
- SEEDING & FERTILIZING
- SIDEWALK TO BE GROUDED AND OR REMOVED AND REPLACED
- PROPOSED ACCESS
- PERIMETER EROSION BARRIER
- TREE PROTECTION
- TEMPORARY FENCE
- WORK LIMIT AREA



SECTION A-A

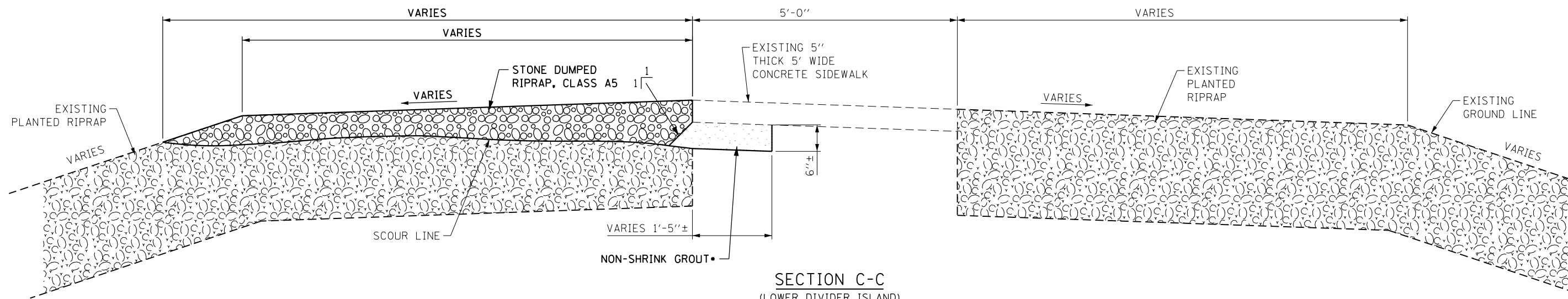
(UPPER DIVIDER ISLAND)

- DRILL HOLES THROUGH SIDEWALK AS NEEDED FOR GROUT APPLICATION AND TO ALLOW FOR AIR ESCAPE. PLUG HOLES WITH GROUT. COST INCLUDED WITH NON-SHRINK GROUT.



SECTION B-B

(LOWER DIVIDER ISLAND)



SECTION C-C

(LOWER DIVIDER ISLAND)

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DESIGNED - TMM
 DRAWN - JTC
 CHECKED - LEL
 DATE - 1-7-2022

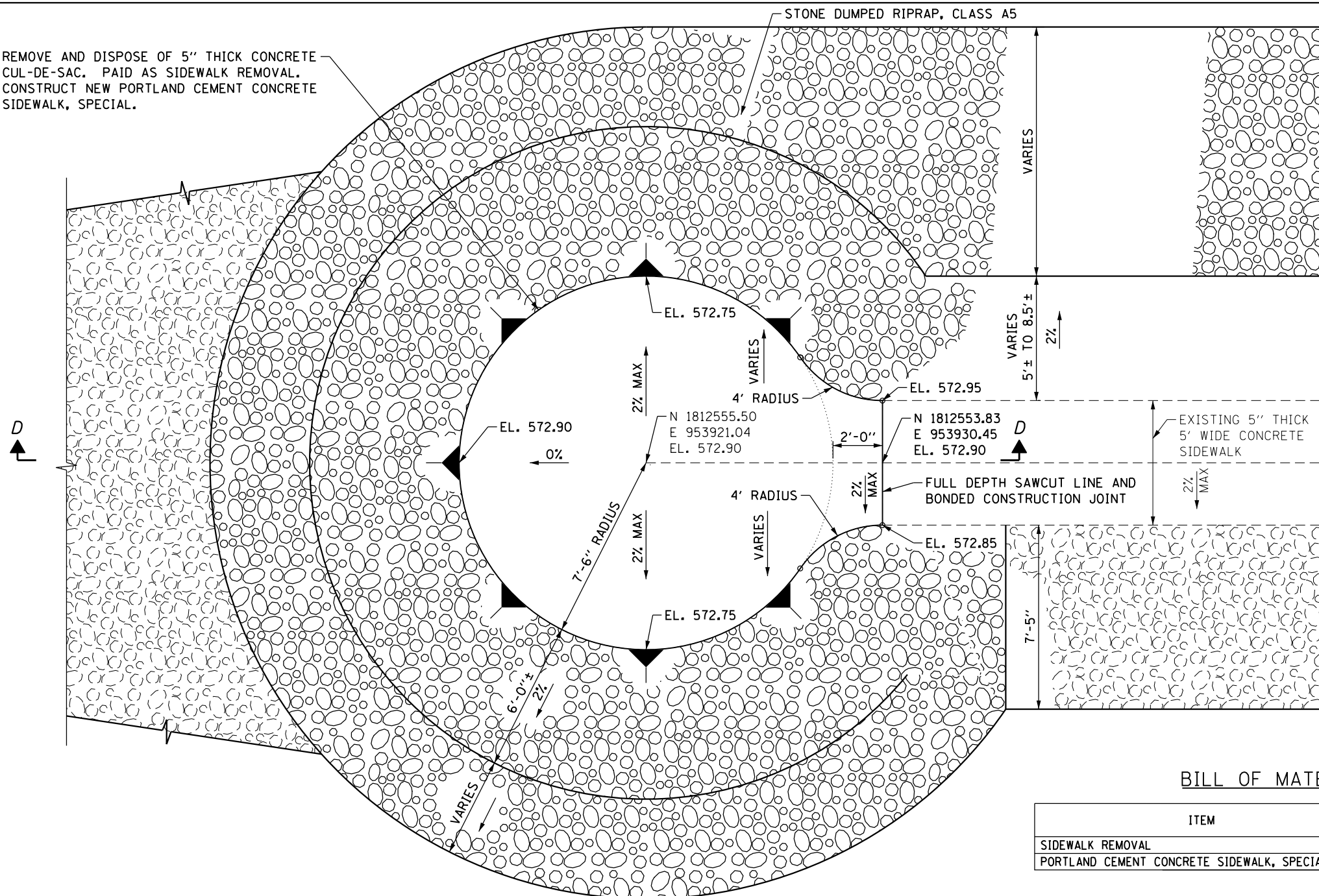
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STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES

YORKVILLE DAM EROSION REPAIR
MISCELLANEOUS DETAILS

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	8
PROJECT FR-444		

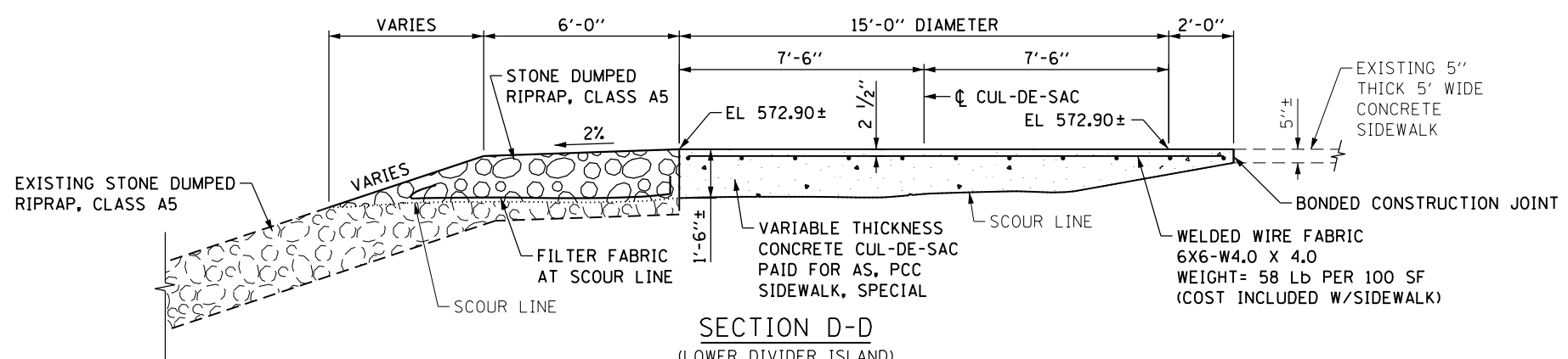
REMOVE AND DISPOSE OF 5" THICK CONCRETE CUL-DE-SAC. PAID AS SIDEWALK REMOVAL. CONSTRUCT NEW PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL.



DETAIL A PLAN VIEW
(LOWER DIVIDER ISLAND)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
SIDEWALK REMOVAL	SO FT	189
PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL	SO FT	189



SECTION D-D
(LOWER DIVIDER ISLAND)

NOTES:

- BONDED CONSTRUCTION SHALL CONFORM TO ASTM C881 TYPE V. COST INCLUDED IN PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL.
- ALL SIDEWALK SAWCUTS SHALL BE FULL DEPTH AND COST INCLUDED IN PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL.

1/12/2022	DESIGNED - TMM	REVISED
2:47:38 PM	DRAWN - JTC	REVISED
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5.0000' / in.	DATE - 1-7-2022	REVISED

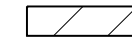
STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES

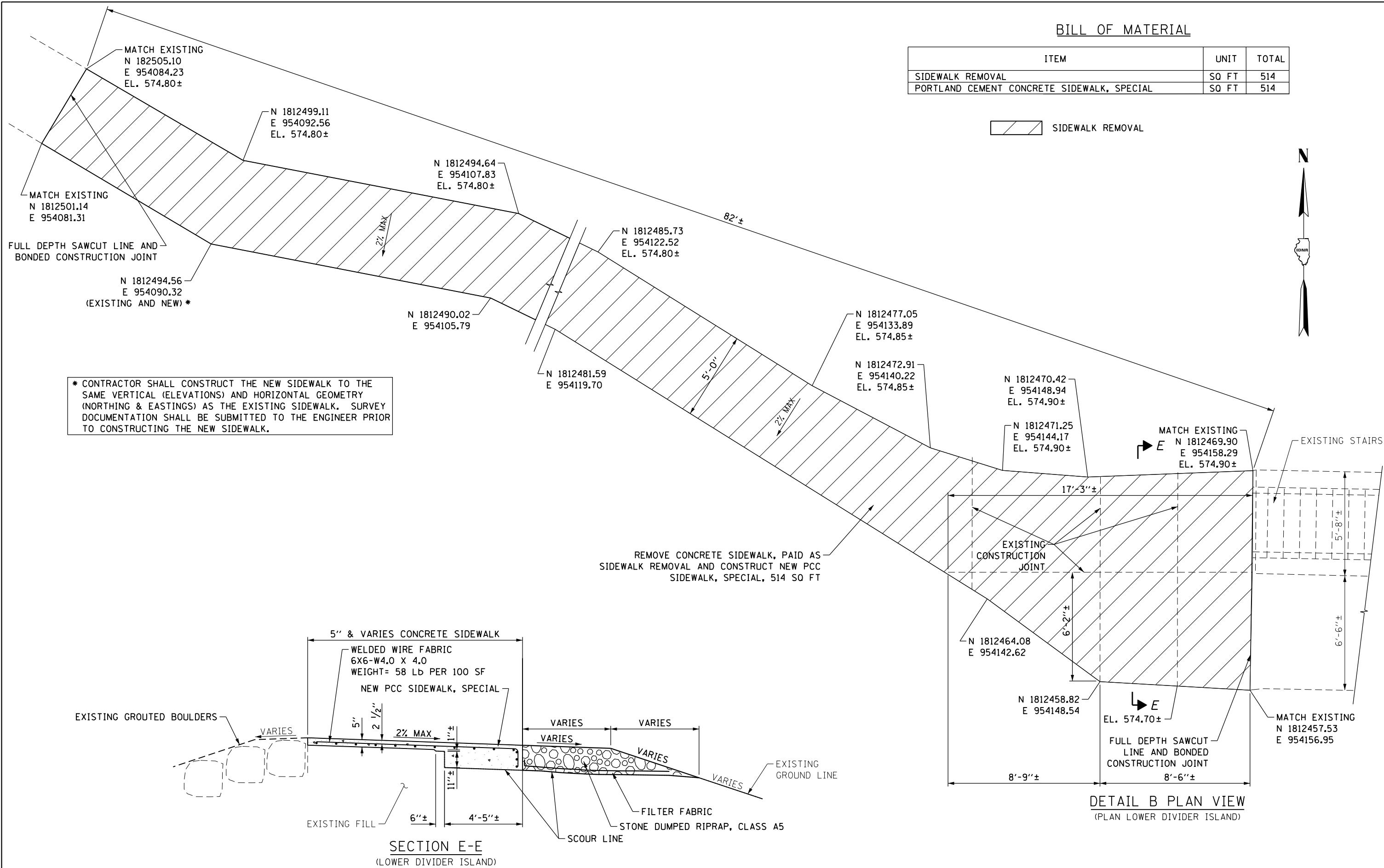
YORKVILLE DAM EROSION REPAIR
MISCELLANEOUS DETAILS

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	9
PROJECT FR-444		

BILL OF MATERIAL

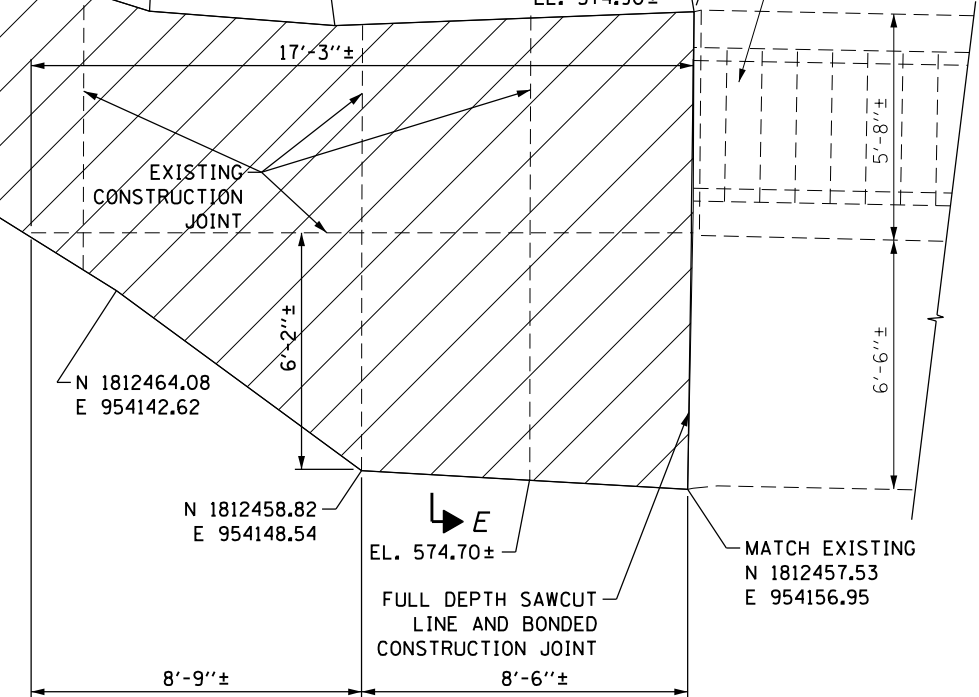
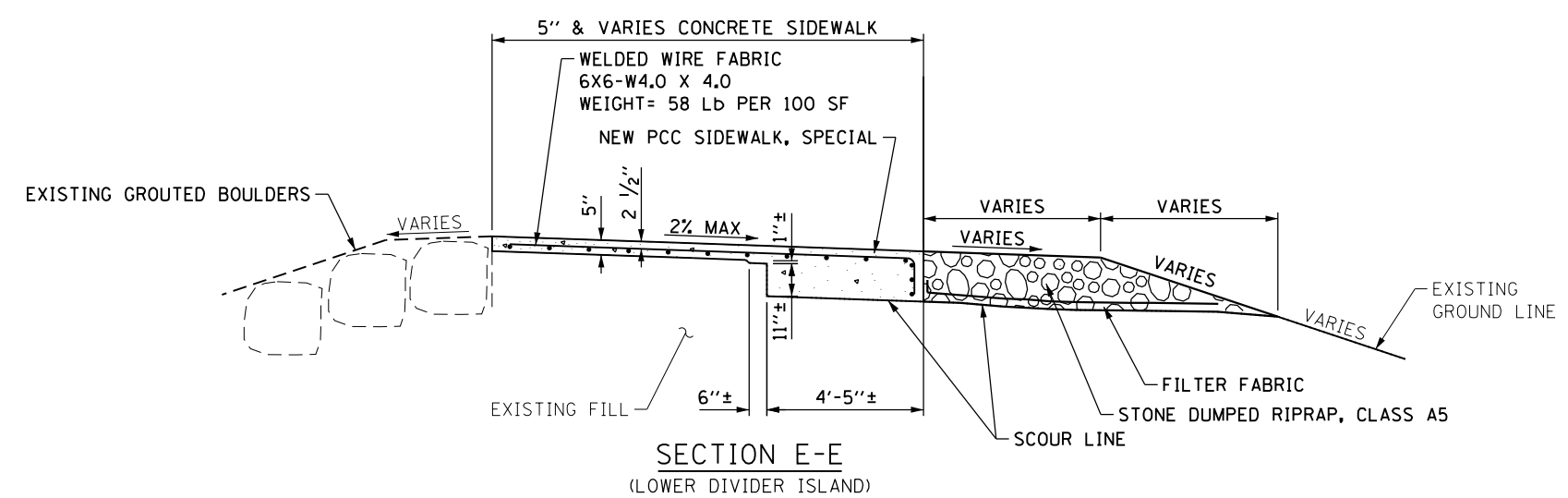
ITEM	UNIT	TOTAL
SIDEWALK REMOVAL	SO FT	514
PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL	SO FT	514

 SIDEWALK REMOVAL



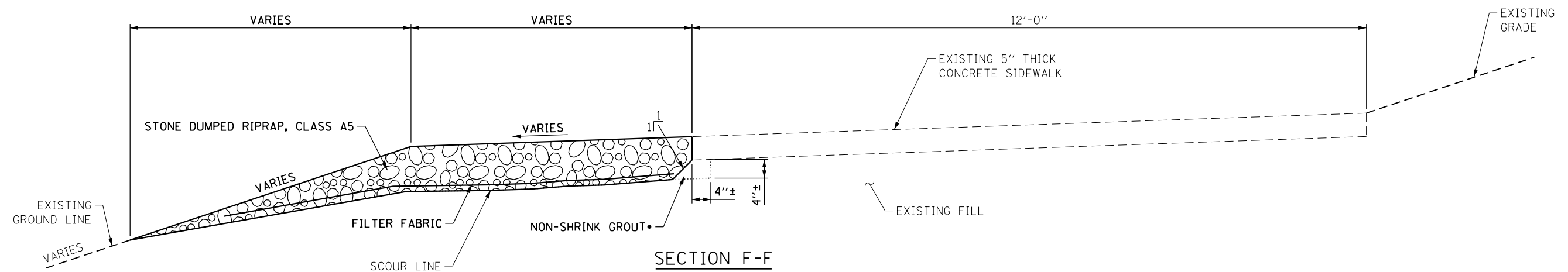
* CONTRACTOR SHALL CONSTRUCT THE NEW SIDEWALK TO THE SAME VERTICAL (ELEVATIONS) AND HORIZONTAL GEOMETRY (NORTHING & EASTINGS) AS THE EXISTING SIDEWALK. SURVEY DOCUMENTATION SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CONSTRUCTING THE NEW SIDEWALK.

REMOVE CONCRETE SIDEWALK, PAID AS SIDEWALK REMOVAL AND CONSTRUCT NEW PCC SIDEWALK, SPECIAL, 514 SO FT



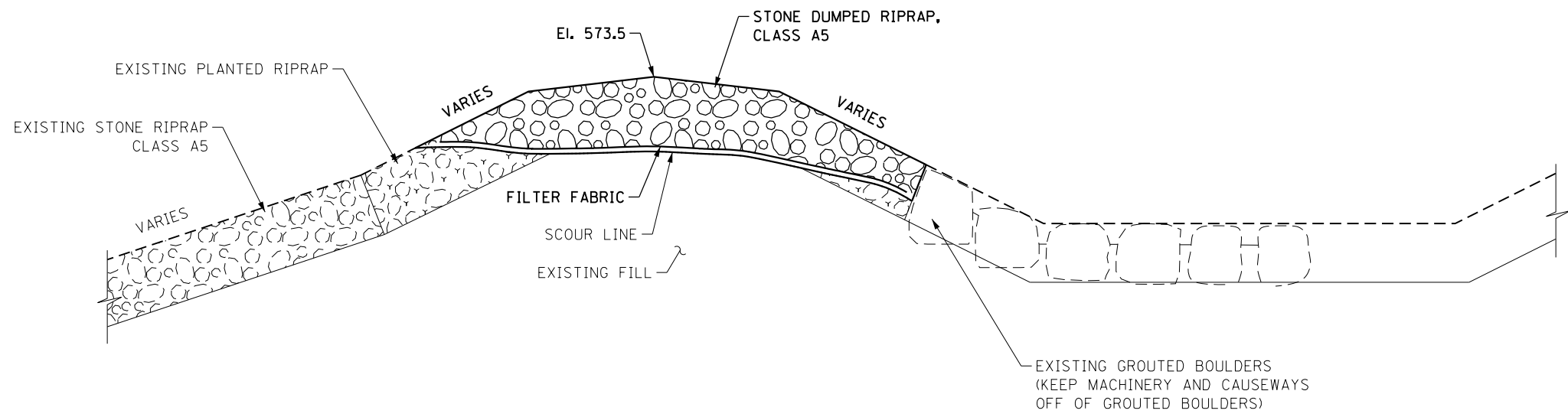
DETAIL B PLAN VIEW
(PLAN LOWER DIVIDER ISLAND)

1/12/2022	DESIGNED - TMM	REVISED	STATE OF ILLINOIS DEPARTMENT OF NATURAL RESOURCES OFFICE OF WATER RESOURCES	YORKVILLE DAM EROSION REPAIR MISCELLANEOUS DETAILS	COUNTY	TOTAL SHEETS	SHEET NO.
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5.0000 / in.	DATE - 1-7-2022	REVISED					



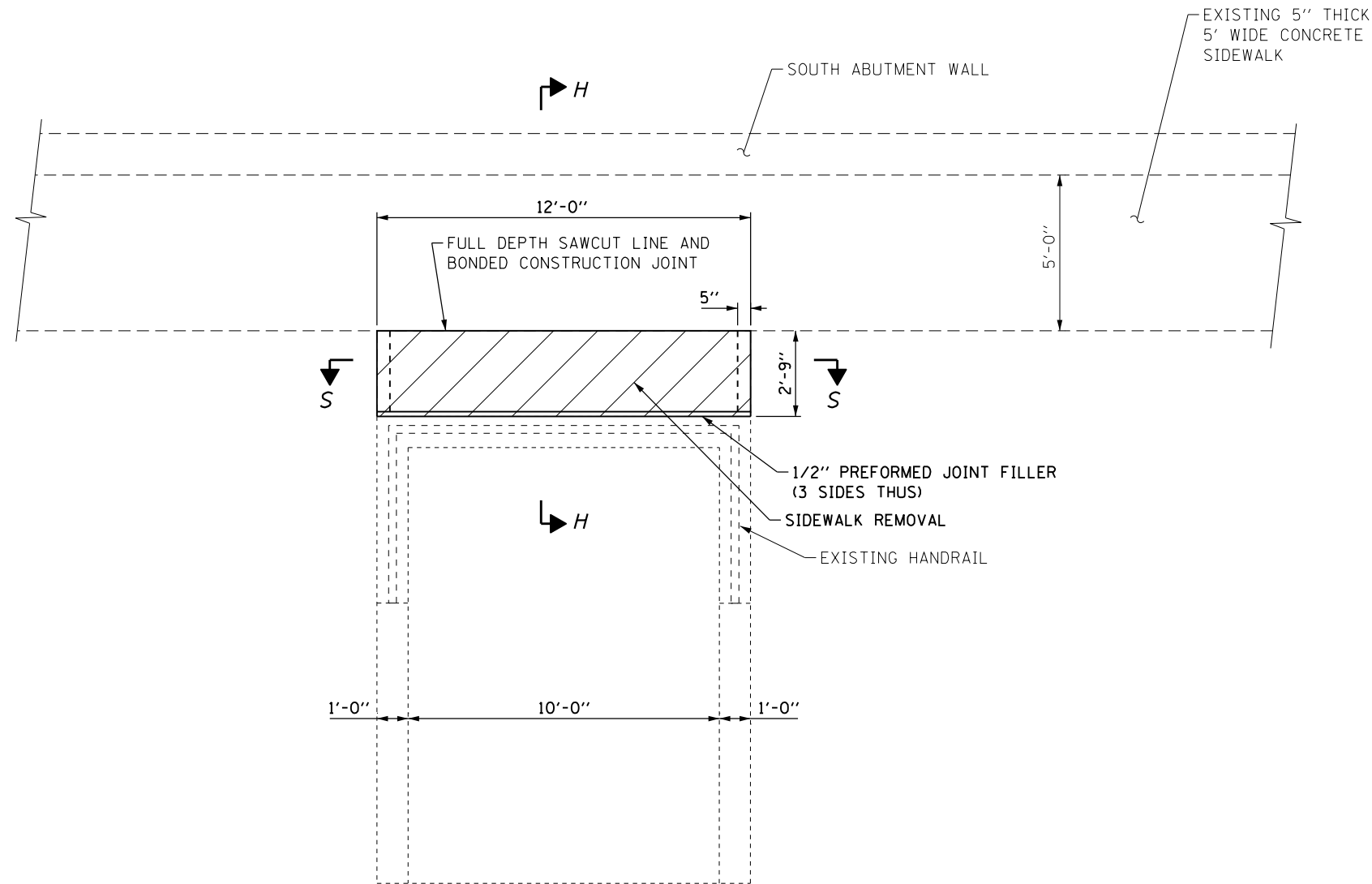
SECTION F-F
(SOUTH SHORE)
(NTS)

- DRILL HOLES THROUGH SIDEWALK AS NEEDED FOR GROUT APPLICATION AND TO ALLOW FOR AIR ESCAPE. PLUG HOLES WITH GROUT. COST INCLUDED WITH NON-SHRINK GROUT.



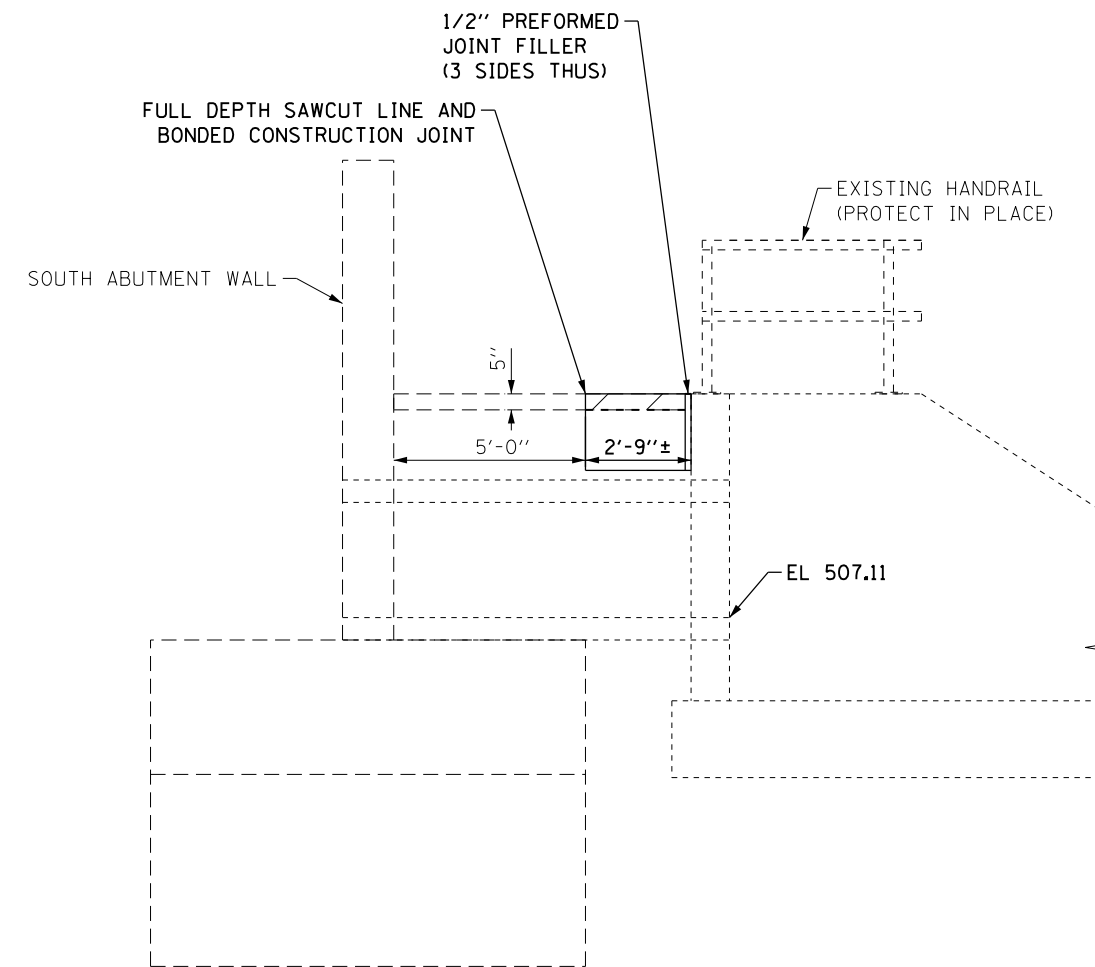
SECTION G-G
(LOWER ISLAND)

1/12/2022	DESIGNED - TMM	REVISED	STATE OF ILLINOIS DEPARTMENT OF NATURAL RESOURCES OFFICE OF WATER RESOURCES	YORKVILLE DAM EROSION REPAIR	COUNTY	TOTAL SHEETS	SHEET NO.
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5.0000' / in.	DATE - 1-7-2022	REVISED			PROJECT FR-444		



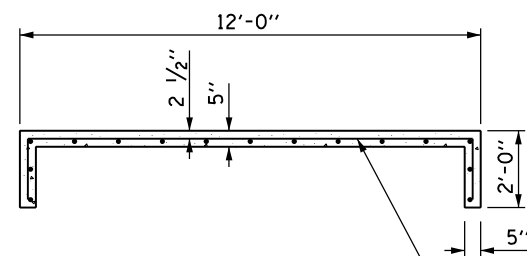
DETAIL C

(PLAN VIEW-FLOW AUGMENTATION CULVERT)



SECTION H-H

(FLOW AUGMENTATION CULVERT)



SECTION S-S

WELDED WIRE FABRIC
6X6-W4.0 X 4.0
WEIGHT= 58 Lb PER 100 SF

BILL OF MATERIAL

ITEM	UNIT	TOTAL
SIDEWALK REMOVAL	SQ FT	33
PORTLAND CEMENT CONCRETE SIDEWALK, SPECIAL	SQ FT	33

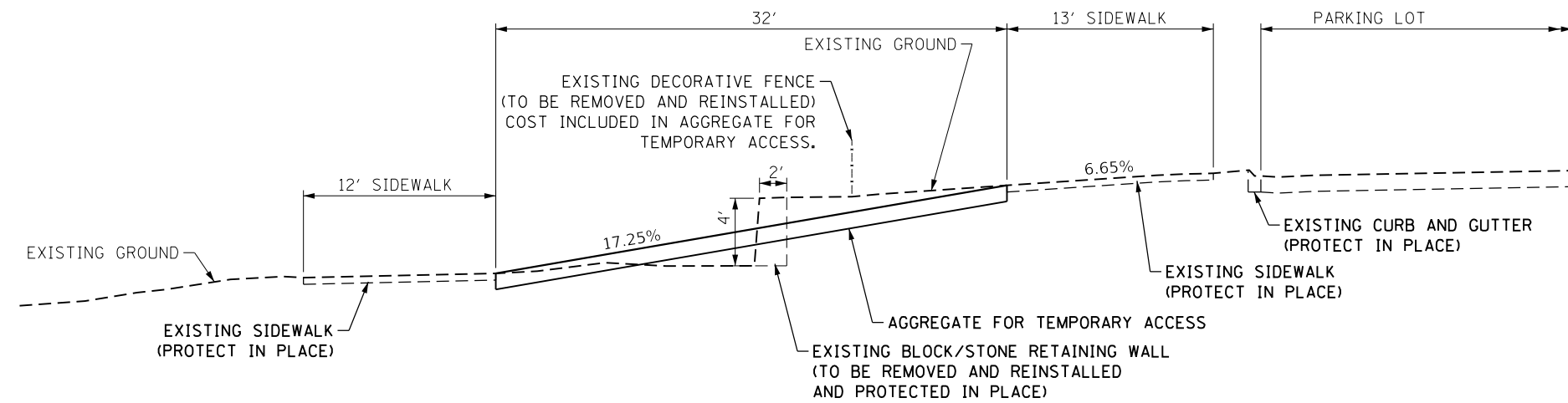
SIDEWALK REMOVAL

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5.0000 / in.	DATE - 1-7-2022	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES**

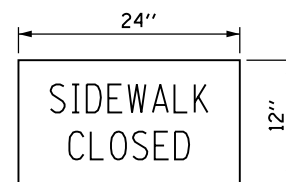
**YORKVILLE DAM EROSION REPAIR
MISCELLANEOUS DETAILS**

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	12
PROJECT FR-444		

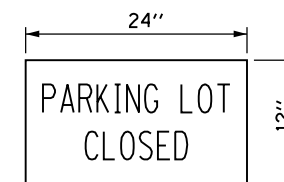


SECTION I-I
(LOWER BYPASS ACCESS ROAD)

NOTE:
THIS SECTION IS FOR INFORMATIONAL PURPOSES
ONLY TO GIVE THE CONTRACTOR POSSIBLE
ACCESS CONFIGURATIONS/SLOPES.



R9-9
24" X 12"
(MOUNTED TO TYPE III BARRICADE)



24" X 12"
(MOUNTED TO TYPE III BARRICADE)

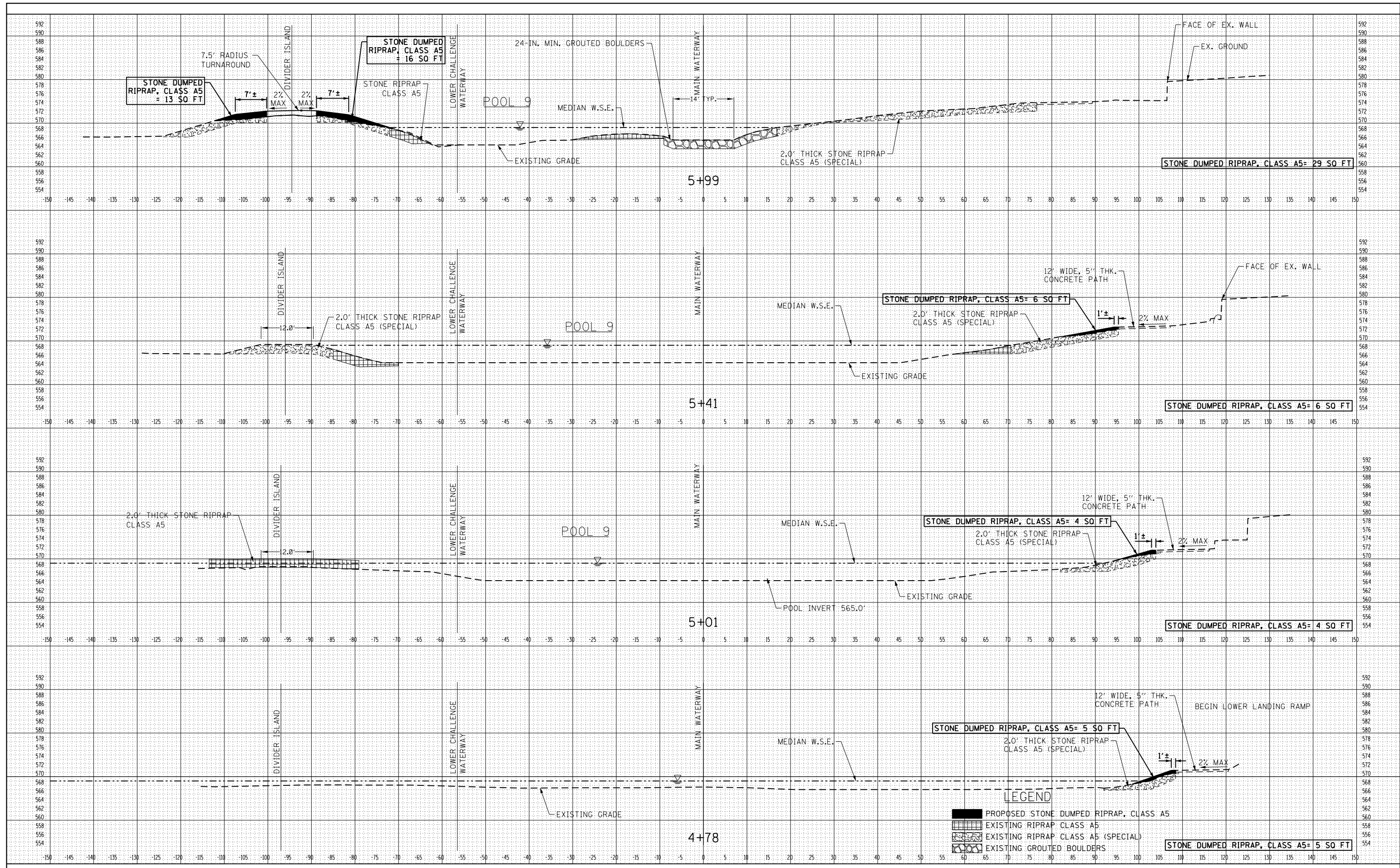
SIGN DETAILS

NOTE:
SIGNS AND BARRICADES ARE INCLUDED IN THE COST
OF TRAFFIC CONTROL AND PROTECTION, SPECIAL.

1/12/2022	DESIGNED - TMM	REVISED	STATE OF ILLINOIS DEPARTMENT OF NATURAL RESOURCES OFFICE OF WATER RESOURCES	YORKVILLE DAM EROSION REPAIR	COUNTY	TOTAL SHEETS	SHEET NO.
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10.0000 / 10.	DATE - 1-7-2022	REVISED			PROJECT FR-444		

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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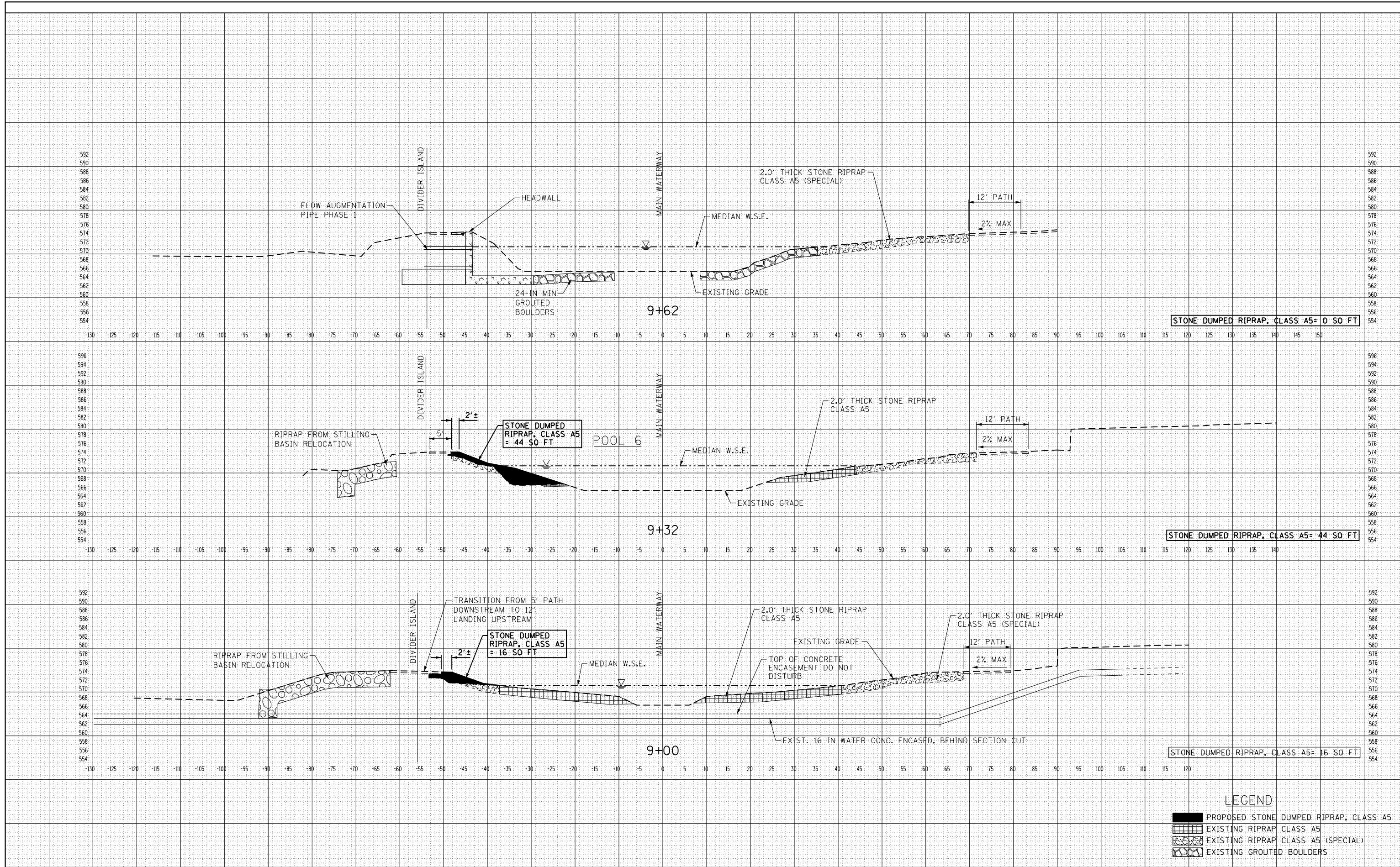
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DATE - 1-7-2022	REVISED

STATE OF ILLINOIS
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YORKVILLE DAM EROSION REPAIR		
BYPASS CROSS SECTIONS		
COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	14
PROJECT FR-444		

DATE	
BY	
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NOTE BOOK	
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DATE - 1-7-2022	REVISED

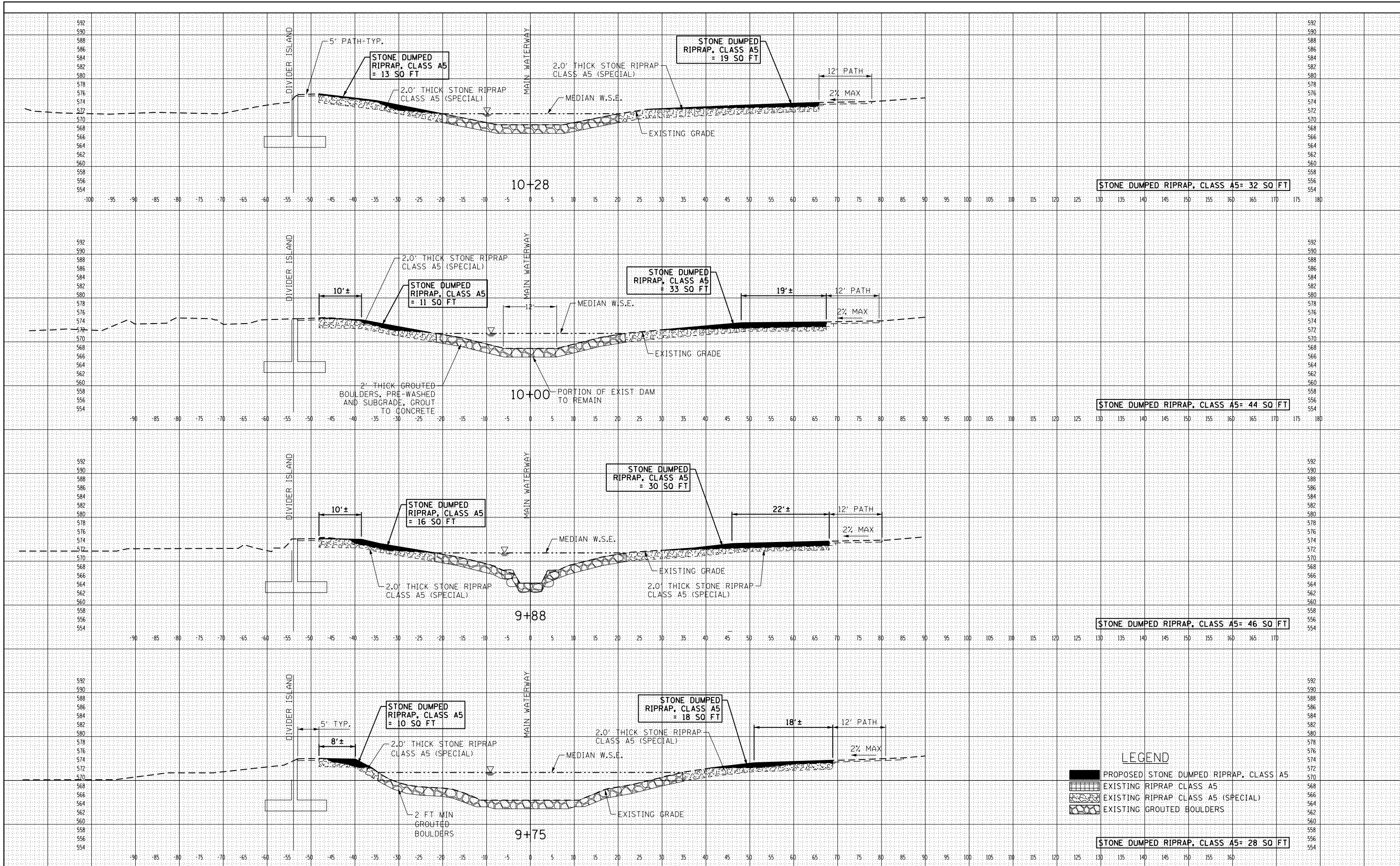
**STATE OF ILLINOIS
 DEPARTMENT OF NATURAL RESOURCES
 OFFICE OF WATER RESOURCES**

**YORKVILLE DAM EROSION REPAIR
 BYPASS CROSS SECTIONS**

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	17
PROJECT FR-444		

DATE	
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FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED	
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DATE - 1-7-2022	REVISED

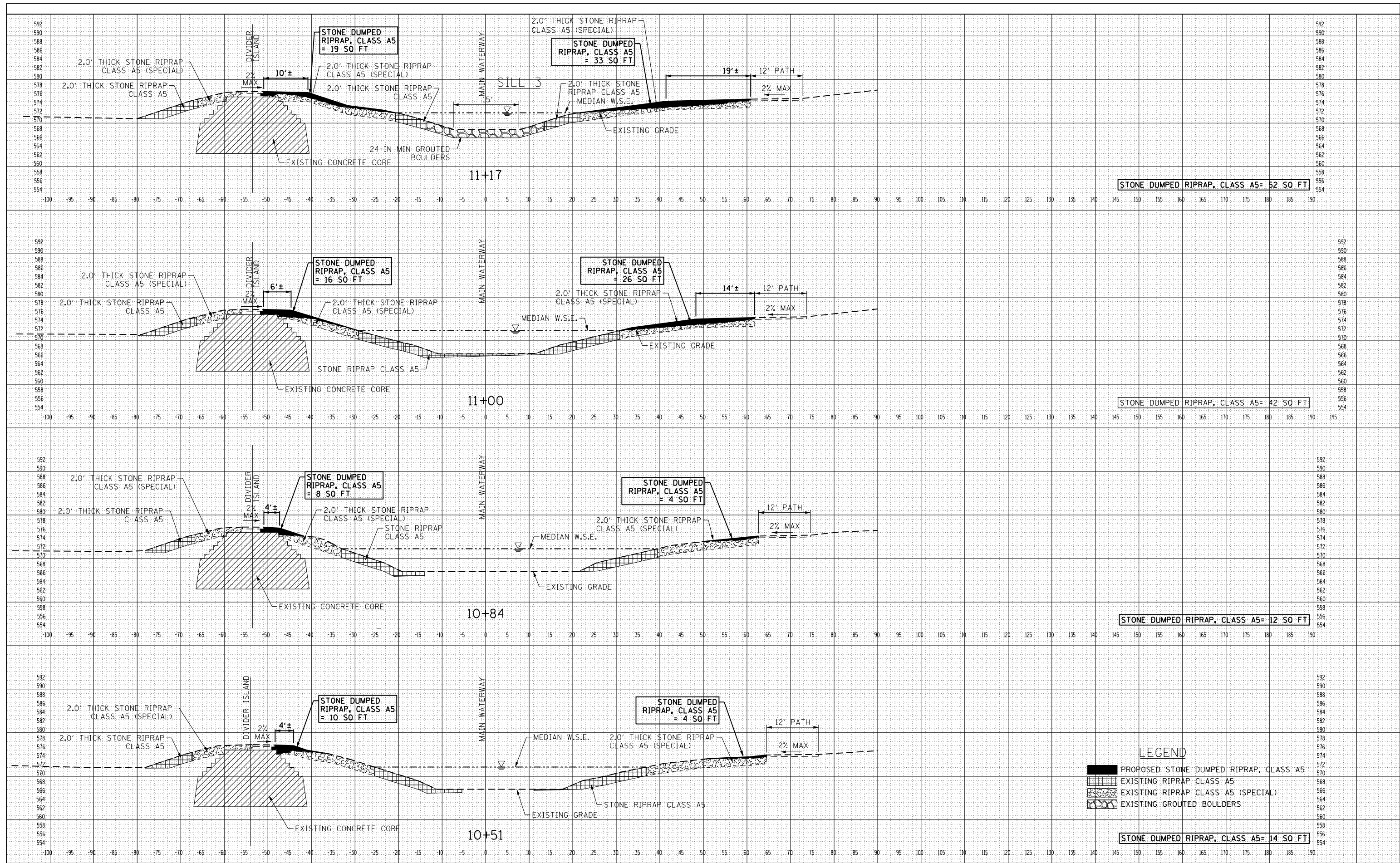
**STATE OF ILLINOIS
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**YORKVILLE DAM EROSION REPAIR
 BYPASS CROSS SECTIONS**

COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	18
PROJECT FR-444		

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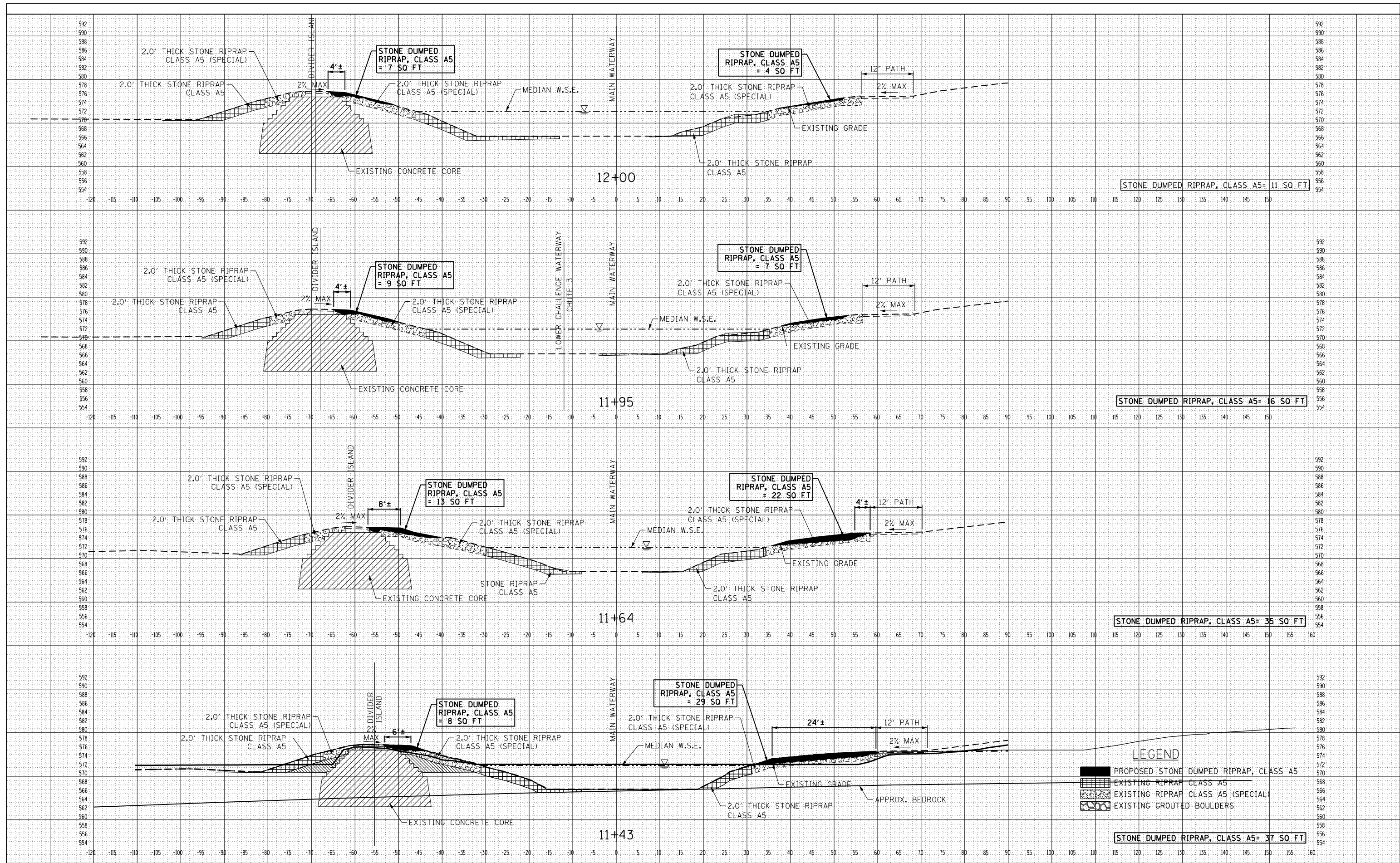


LEGEND

	PROPOSED STONE DUMPED RIPRAP, CLASS A5
	EXISTING RIPRAP CLASS A5
	EXISTING RIPRAP CLASS A5 (SPECIAL)
	EXISTING GROUTED BOULDERS

DATE	
BY	
FINAL SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	



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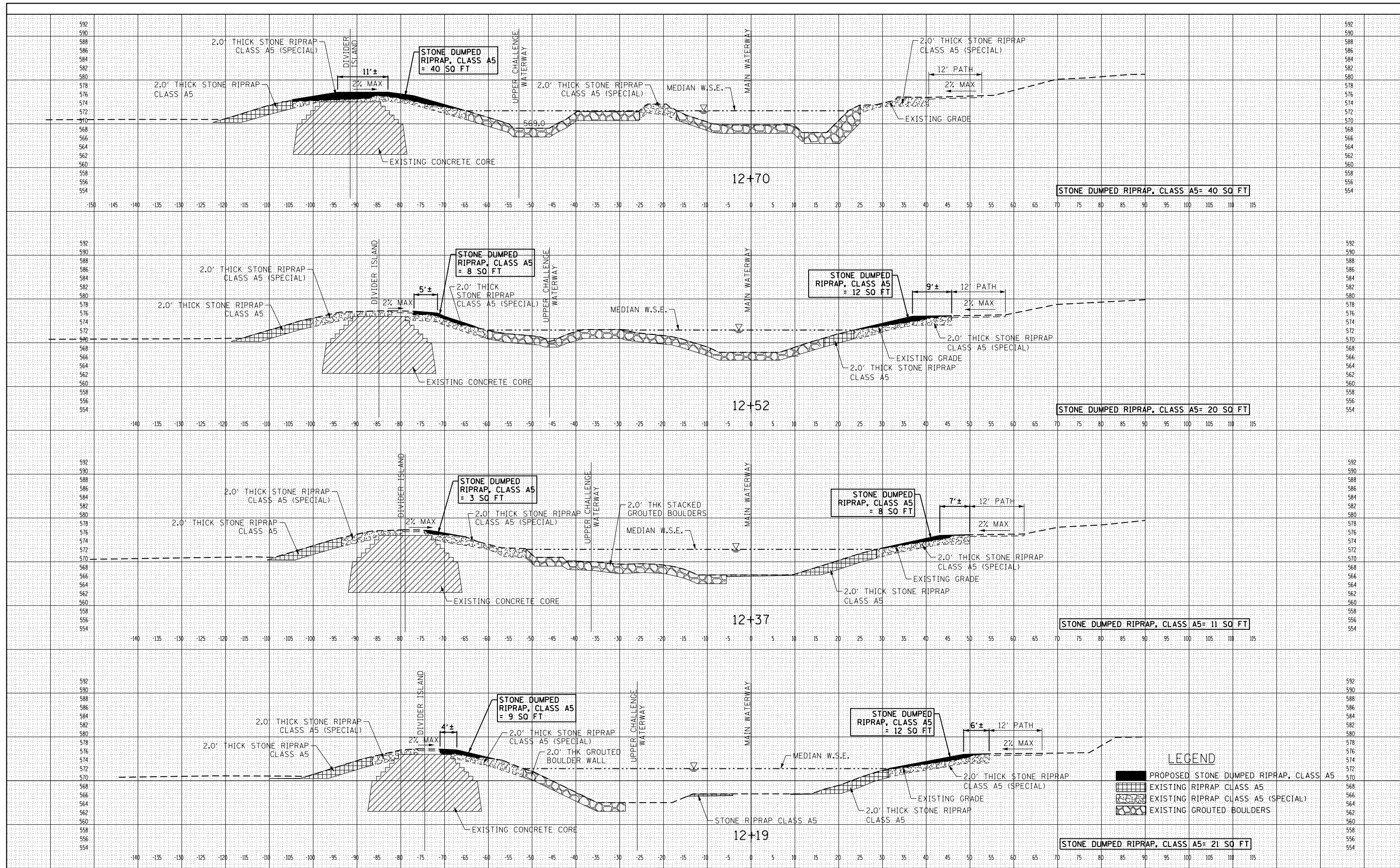
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DRAWN - JTC	REVISED
CHECKED - LEL	REVISED
DATE - 1-7-2022	REVISED

**STATE OF ILLINOIS
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YORKVILLE DAM EROSION REPAIR		
BYPASS CROSS SECTIONS		
COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	20
PROJECT FR-444		

DATE
BY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS CHECKED

DATE
BY
SURVEYED
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NOTE BOOK
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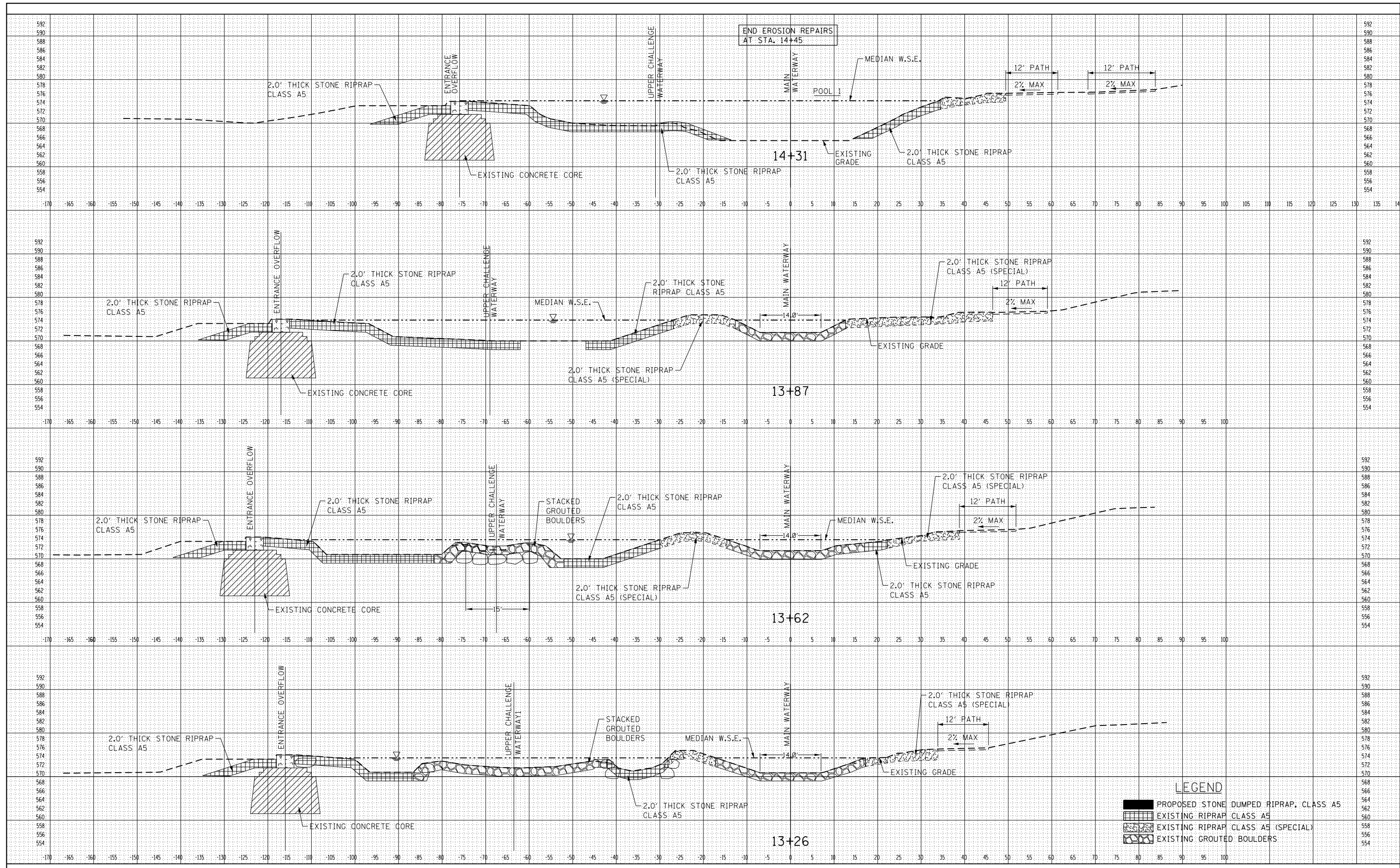
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CHECKED - LEL	REVISED
DATE - 1-7-2022	REVISED

STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES

YORKVILLE DAM EROSION REPAIR		
BYPASS CROSS SECTIONS		
COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	21
PROJECT FR-444		

DATE	
BY	
FINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



LEGEND

	PROPOSED STONE DUMPED RIPRAP, CLASS A5
	EXISTING RIPRAP CLASS A5
	EXISTING RIPRAP CLASS A5 (SPECIAL)
	EXISTING GROUDED BOULDERS

1/12/2022
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DESIGNED - TMM	REVISED
DRAWN - JTC	REVISED
CHECKED - LEL	REVISED
DATE - 1-7-2022	REVISED

STATE OF ILLINOIS
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES

YORKVILLE DAM EROSION REPAIR		
COUNTY	TOTAL SHEETS	SHEET NO.
KENDALL	22	22
BYPASS CROSS SECTIONS		
PROJECT FR-444		