

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	08-00062-00-SW	LAKE	73	1
		ILLINOIS	CONTRACT NO. 63280	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

**OAKWOOD DRIVE PEDESTRIAN WAY
FAIRFIELD RD. TO CEDAR LAKE RD.
AND**

**LOTUS DRIVE PEDESTRIAN WAY
LONG LAKE DR. TO GOLFVIEW DR.**

**VILLAGE SECTION: 08-00062-00-SW
FEDERAL PROJECT: SRTS-CMM - 4008(022)**

**VILLAGE OF ROUND LAKE BEACH
JOB NO. C-40-007-08**

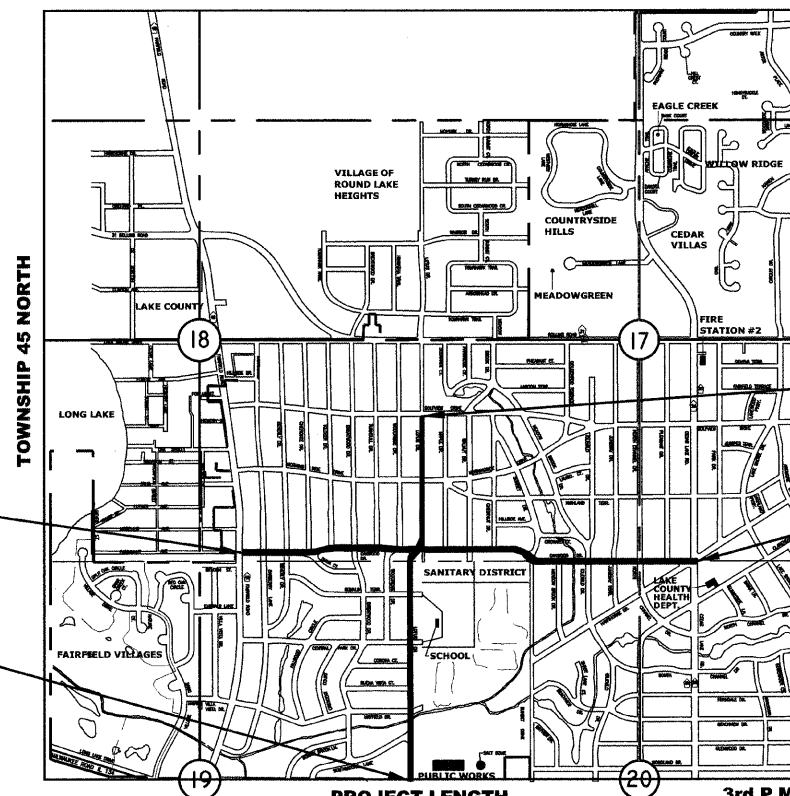


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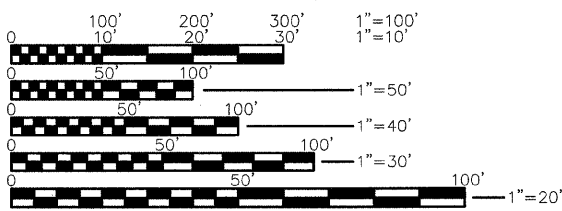
LOCATION MAP

RANGE 10 EAST



PROJECT IS LOCATED IN THE VILLAGE OF ROUND LAKE BEACH

JULIE
JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811



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.

OAKWOOD DRIVE
PROJECT BEGINS
STATION 100+69

LOTUS DRIVE
PROJECT BEGINS
STATION 200+10

LOTUS DRIVE
PROJECT ENDS
STATION 246+48

OAKWOOD DRIVE
PROJECT ENDS
STATION 154+15

PROJECT LENGTH
TOTAL GROSS LENGTH= 9984 FT. (1.89 MI)
TOTAL NET LENGTH= 9984 FT. (1.89 MI)

3rd P.M.

PROFESSIONAL ENGINEER'S SIGN & SEAL

ROBERT J. DEVERY, P.E.
EXPIRES: 11/30/09

Robert J. Devery

10/14/09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED October 15, 2009
[Signature]
LOCAL AGENCY OFFICIAL

PASSED October 26, 2009
[Signature]
REGION ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW OCTOBER 26, 2009
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PLAN NOTES

SPECIALTY ITEM	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CMAQ		SRTS	
					CONSTRUCTION TYPE CODE			
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	252	125	127		
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	324	56	268		
	20100600	HEDGE REMOVAL	UNIT	153	40	113		
	20101200	TREE ROOT PRUNING	EACH	20	10	10		
	20200100	EARTH EXCAVATION	CU YD	3100	950	2150		
	20800150	TRENCH BACKFILL	CU YD	35	-	35		
	20900310	POROUS GRANULAR BACKFILL	TON	120	50	70		
	21101610	TOPSOIL FURNISH AND PLACE, 3"	SQ YD	8491	2678	5813		
	21400100	GRADING AND SHAPING DITCHES	FOOT	500	250	250		
	25000100	SEEDING, CLASS 1	ACRE	1.75	0.55	1.2		
	25100125	MULCH, METHOD 3	ACRE	1.75	0.55	1.2		
	25200200	SUPPLEMENTAL WATERING	UNIT	20	7	13		
	31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	65	22	43		
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	454	136	318		
	40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.53	0.16	0.37		
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	38	10	28		
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	25	7	18		
	42001300	PROTECTIVE COAT	SQ YD	9024	3170	5854		
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	395	45	350		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	64,782	23722	41060		
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	11,451	3420	8031		
	42400800	DETECTABLE WARNINGS	SQ FT	1300	510	790		
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	374	135	239		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1950	550	1400		
	44000300	CURB REMOVAL	FOOT	510	190	320		
	44000600	SIDEWALK REMOVAL	SQ FT	1115	15	1100		
	44002500	GUTTER OUTLET REMOVAL	EACH	1	-	1		
	44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	9	-	9		
	44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	20	10	10		
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	100	50	50		
	50105200	REMOVE EXISTING CULVERTS	EACH	39	13	26		
	54200217	PIPE CULVERTS, CLASS C, TYPE 1, 12"	FOOT	2500	1050	1450		
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	2	1	1		
	54213867	STEEL END SECTIONS 12"	EACH	110	50	60		
	55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV, 12"	FOOT	160	40	120		
	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	31	6	25		
	60107600	PIPE UNDERDRAINS 4"	FOOT	1025	550	475		
	60236200	INLETS, TYPE A, TYPE B GRATE	EACH	8	3	5		
	60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2	1	1		
	60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	18	10	8		
	60240301	INLETS, TYPE B, TYPE B GRATE	EACH	6	3	3		
	60255500	MANHOLES TO BE ADJUSTED	EACH	27	8	19		
	60266800	VALVE BOXES TO BE ADJUSTED	EACH	10	3	7		
	60406200	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	1	3		
	60500040	REMOVING MANHOLES	EACH	10	3	7		
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	7	3	4		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2500	700	1800		
*	62000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	80	40	40		
*	62100167	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT	EACH	4	2	2		
	62200310	GUARDRAIL REMOVAL	FOOT	80	40	40		
	67100100	MOBILIZATION	L SUM	1	0.50	0.50		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.50	0.50		
	72400500	RELOCATE SIGN PANEL ASSEMBLY, TYPE A	EACH	25	7	18		
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6500	1700	4800		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4070	800	3270		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	776	50	726		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	725	225	500		
	Z0000940	AGGREGATE FOR DRIVEWAY MAINTENANCE	TON	40	20	20		
	Z0018900	DRILL AND GROUT DOWEL BARS	EACH	95	35	60		
	Z0022800	FENCE REMOVAL	FOOT	545	435	110		
	Z0055900	RUSTIC WOOD POST AND RAIL FENCE	FOOT	270	100	170		
	Z0062300	SAWING ASPHALT SURFACE	FOOT	4600	1300	3300		
	XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	25	1	24		
	XX001621	BRICK PAVER REMOVAL	SQ FT	36	36	-		
	XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SQ YD	650	200	450		
	X0322256	TEMPORARY INFORMATIONAL SIGNING	SQ FT	100	50	50		
	X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	2200	1100	1100		
	X0322924	RETAINING WALL REMOVAL	SQ FT	340		340		

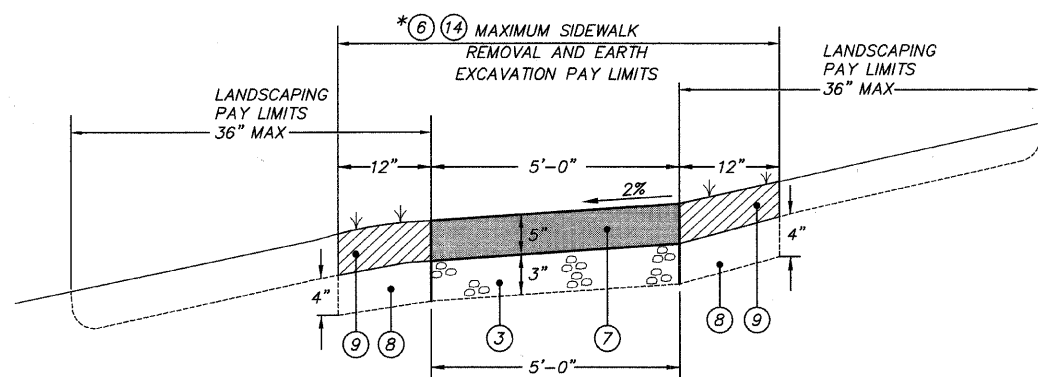
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007, AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", ADOPTED ON JANUARY 1, 2009, THE DETAILS IN THESE PLANS AND THE CONTRACT DOCUMENTS.
- THE ELEVATIONS SHOWN ON THESE PLANS ARE U.S.G.S. DATUM.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD, THEREFORE, BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- THE CONTRACTOR SHALL NOTIFY JULIE (811) FOR UTILITY LOCATIONS AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIALS BLOCKING DITCH LINES, STORM SEWERS, MANHOLES, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. MAINTENANCE OF DRAINAGE WAYS AND STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE CULVERTS.
- ALL SUITABLE EXCAVATED MATERIALS FROM SEWER TRENCHES, ENTRANCES OR OTHER NECESSARY EXCAVATIONS SHALL BE USED IN THE CONSTRUCTION OF THE ROADWAY. PLACEMENT AND COMPACTION OF THIS MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 202 EARTH EXCAVATION.
- EXISTING SUMP PUMPS, FIELD TILES, ETC., DISCHARGING INTO EXISTING STORM SEWERS SHALL BE PROTECTED.
- ALL SOD OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM EXISTING SURFACES BEFORE PLACING AGGREGATE MATERIALS.
- THE LOCATION AND/OR ELEVATIONS OF THE EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS, TELEPHONES AND POWER ARE SHOWN ON THE PLANS BASED ON THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR MUST ASSUME RESPONSIBILITY FOR ALL UTILITIES, WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES SHOWN MAY BE DIFFERENT THAN INDICATED. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT ANY RELOCATION NECESSARY WILL PROCEED IN AN ORDERLY MANNER.
- FRAME ELEVATIONS SHOWN ON THE PLAN ARE APPROXIMATE ONLY AND SHALL BE ADJUSTED TO FINAL GRADE AT THE TIME OF CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITHIN 6 INCHES OF PLAN ELEVATION.
- HANDICAP RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS. SIDEWALK SHALL BE 5 INCHES THICK EXCEPT WHERE IT CROSSES A DRIVE, WHERE IT SHALL BE 6 INCHES THICK.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB AND GUTTER, P.C.C. SIDEWALK AND P.C.C. SIDEWALK.
- PIPES TO BE ABANDONED SHALL BE PLUGGED AND BULKHEADED AS DIRECTED BY THE ENGINEER AT EACH END. COST OF BULKHEADING SHALL BE INCLUDED IN THE PRICE OF STORM SEWER INSTALLATION.
- ANY EXISTING DECORATIVE LANDSCAPING WITHIN THE RIGHT-OF-WAY THAT INTERFERES WITH THE WORK, SUCH AS RETAINING WALL TIMBERS, RAILROAD TIES, ORNAMENTAL ROCKS, FENCES, DECORATIVE WALKS, PLANTERS AND BUSHES SHALL BE REMOVED AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- AGGREGATE FOR AGGREGATE BASE COURSE, AGGREGATE SHOULDERS, AGGREGATE FOR DRIVEWAY MAINTENANCE AND SUB BASE GRANULAR MATERIAL SHALL BE CA-6, CRUSHED STONE OR GRAVEL.
- THE PAY ITEM FOR DRIVEWAY REMOVAL SHALL INCLUDE BOTH CONCRETE AND HMA DRIVEWAYS. HMA DRIVEWAY PAVEMENT SHALL BE PAID FOR AT THE UNIT PRICE PER SQUARE YARD OF HOT-MIX ASPHALT DRIVEWAY PAVEMENT. MATERIAL THICKNESS FOR DRIVEWAYS SHALL BE 3 INCHES.
- SIDEWALK AND CURB REMOVAL SHALL INCLUDE SAW CUTTING WHERE NECESSARY.
- REMOVAL OF EXISTING END SECTIONS AND DELIVERY OF ANY SALVAGED MATERIALS REQUESTED BY THE OWNER SHALL BE INCLUDED IN THE COST OF REMOVE EXISTING CULVERTS.
- PIPE CULVERTS SHALL CONFORM TO SECTION 542 OF THE STANDARD SPECIFICATIONS. MATERIALS SHALL BE CORRUGATED STEEL CULVERT PIPE AND INCLUDE ALL NECESSARY COUPLING RINGS, ETC.
- THE PAY ITEM FOR DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED SHALL INCLUDE BOTH WATER AND GAS SERVICES.
- ADJUSTMENT OF MANHOLES AND VALVE VAULTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTMENT RINGS AND SEALED WITH A BUTYL BASED ROPE GASKET.
- THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING DRIVEWAYS ALONG THE ROUTE. FOR NEW CURB, THE VOID IN FRONT AND BACK WILL BE FILLED WITH AGGREGATE FOR DRIVEWAY MAINTENANCE IMMEDIATELY AFTER THE CURB HAS CURED. AGGREGATE USED FOR ACCESS TO DRIVES SHALL BE RE-USED AS PART OF THE DRIVEWAY SHAPING AND GRADING. PAYMENTS SHALL BE AT THE UNIT PRICE PER TON AND INCLUDE SCARIFYING, GRADING, RE-HANDLING OF THE MATERIAL, COMPACTING, FURNISHING, INSTALLING AND REMOVING OF MATERIALS FOR AGGREGATE FOR DRIVEWAY MAINTENANCE.
- STORM SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 551 OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS: BEDDING MATERIALS SHALL BE PLACED FROM A POINT 4 INCHES BELOW THE PIPE TO AT LEAST THE SPRINGLINE OF THE PIPE. PIPE MATERIAL SHALL BE REINFORCED CONCRETE PIPE, ASTM C-76 WITH ASTM C-443 JOINTS.
- EXISTING PUBLIC AND PRIVATE UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES, MUNICIPALITIES, AND SURVEYS. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LOCATION OF ALL UTILITIES AND STRUCTURES THAT MAY BE FOUND IN THE VICINITY OF THE CONSTRUCTION AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATIONS AND/OR ELEVATIONS OF THE UTILITIES MAY BE DIFFERENT THAN INDICATED. SHOULD ANY DAMAGES OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, REPAIRS SHALL BE MADE BY THE CONTRACTOR AT HIS OWN EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF HIS CONSTRUCTION SCHEDULE AND COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER.

25. EXISTING SIGNS THAT REQUIRE RELOCATION DUE TO THE DAMAGED ROADWAY ALIGNMENT SHALL BE REMOVED AND RELOCATED TO THE LOCATION DESIGNATED BY THE ENGINEER. RELOCATION SHALL BE PAID FOR EACH LOCATION AND INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT TO BE COMPLETE AND IN-PLACE. SIGNS THAT INTERFERE WITH UNDERGROUND UTILITY INSTALLATION THAT REQUIRE REMOVAL/REPLACEMENT SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE PIPE INSTALLATION PRICE. SIGN REPLACEMENT, WHETHER IT IS A PAY ITEM OR NOT, SHALL OCCUR AS SOON AS PRACTICAL AND AT THE DIRECTION OF THE ENGINEER. PAYMENT SHALL BE AT THE UNIT PRICE PER ITEM OF RELOCATION OF SIGN PANEL ASSEMBLY, TYPE A.

- TREE REMOVAL SHALL BE MEASURED IN UNITS-DIAMETER. UNITS FOR THE PAY ITEM SHALL BE MEASURES BY THE INCH.
- CLASS SI CONCRETE (OUTLETS) SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARDS 606006 WITH THE FOLLOWING EXCEPTION. THE OUTLET SHALL BE MODIFIED FOR A COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 SECTION.
- PIPE UNDERDRAINS ADJACENT TO MASONRY RETAINING WALL SHALL BE INSTALLED AS FOLLOWS:
A.) BACKFILL SHALL CONSIST OF CA-16 AND SHALL BE INCLUDED IN THE PRICE FOR THE UNDERDRAINS.
B.) PIPE MATERIAL SHALL BE PERFORATED PVC, AASHTO M278 OR PERFORATED CORRUGATED PVC WITH A SMOOTH INTERIOR ASTM F949, SIZE AS SHOWN ON THE DRAWINGS.
C.) PIPE JOINTS SHALL BE GASKET OR "O-RING" TYPE.
D.) FABRIC ENVELOPE FOR PIPE UNDERDRAIN SHALL BE PROVIDED AND COMPLY WITH ARTICLE 1080.01A FOR NONWOVEN, NEEDLE PUNCH FABRIC. THE COST OF THE FABRIC ENVELOPE SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT OF PIPE UNDERDRAINS, 4".
- SIDEWALKS SHALL BE CONSTRUCTED ACCORDING TO SECTION 424 OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS. THE PLANS ARE ILLUSTRATIVE ONLY TO PROVIDE THE CONTRACTOR WITH THE SCOPE AND ESTIMATE OF WORK REQUIRED. FINAL LOCATION OF THE SIDEWALKS SHALL BE STAKED IN THE FIELD AND WILL BE SUBJECT MINOR TO DEVIATION AS DETERMINED BY ENGINEER. NO ADDITIONAL COMPENSATION WILL BE PERMITTED DUE TO MINOR REALIGNMENT OF THE SIDEWALK. EXPANSION JOINTS SHALL BE INSTALLED EVERY 50 FEET WITH PERFORMED JOINT FILLER IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECIFICATIONS. EXCAVATION TO SUBGRADE SHALL BE PAID FOR AS EARTH EXCAVATION OR SIDEWALK REMOVAL. AGGREGATE MATERIALS SHALL BE PAID FOR AS SUBBASE GRANULAR MATERIALS, TYPE A. SIDEWALK SHALL BE PAID FOR AT THE UNIT PRICE PER SQUARE FOOT FOR P.C.C. SIDEWALK, 5", 6".
- THERE ARE U.S. POSTAL SERVICE MAILBOXES WHICH WILL REQUIRE REMOVAL, TEMPORARY PLACEMENT FOR CONTINUED OPERATION, AND RESETTING TO THERE NEW LOCATION. PRIOR TO MOVING ANY MAILBOXES, THE CONTRACTOR MUST FIRST CHECK WITH THE LOCAL POST OFFICE TO DETERMINE ANY AND ALL CONDITIONS REQUIRED FOR MOVING SAID MAILBOXES. IF ANY POST OR MAILBOXES ARE BROKEN DURING RELOCATION, THE CONTRACTOR WILL REPLACE THE DAMAGED MATERIALS IN KIND AND AT NO COST TO THE CONTRACT. ALL REPLACEMENT MATERIALS SHALL MEET THE APPROVAL OF THE ENGINEER AND POST OFFICE. PERMANENT RELOCATION OF THE MAILBOXES SHALL TAKE PLACE AS SOON AS POSSIBLE AFTER COMPLETION OF THE ROADWAY WIDENING, AND BE SET IN A MANNER SO APPROVED BY THE POST OFFICE AND ENGINEER. AS PER ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS PAYMENT FOR MAIL BOX REMOVAL AND RELOCATION WILL BE PAID AT THE UNIT PRICE PROVIDED.
- ANY EXISTING SUMP PUMP/DOWNSPOUT DRAINS THAT DISCHARGE UNDER THE PROPOSED SIDEWALK SHALL BE CONNECTED AND EXTENDED BEYOND THE SIDEWALK AND HAVE AN OPEN DISCHARGE. PAYMENT SHALL BE AT THE UNIT PRICE PER FOOT OF PIPE UNDERDRAIN, 4".

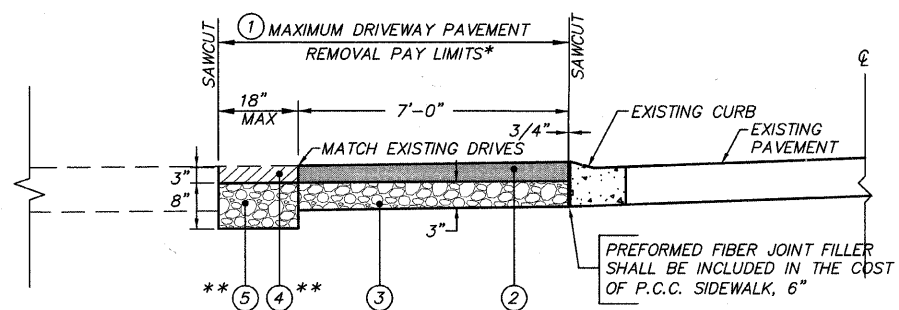
HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
606001-04	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
602306-02	INLET, TYPE B
602301-02	INLET, TYPE A
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE B
442201-03	CLASS C AND D PATCHES
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER TYPE B-15.60 (B-6.24)



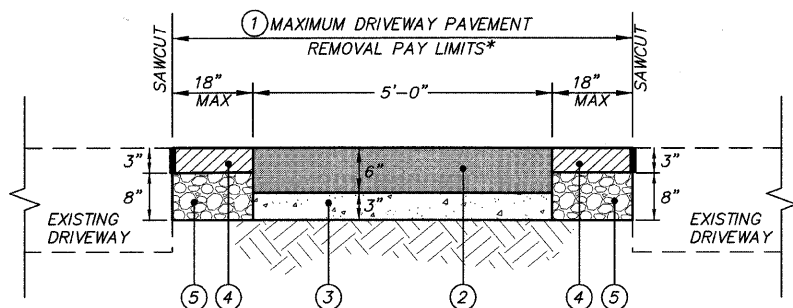
* PAY ITEM = EARTH EXCAVATION WHERE THERE IS NO EXISTING SIDEWALK
 = SIDEWALK REMOVAL WHERE THERE IS SIDEWALK.

TYPICAL PROPOSED SECTION - SIDEWALK THROUGH TURF
 NOT TO SCALE



SIDEWALK ADJACENT TO CURB DETAIL
 NOT TO SCALE

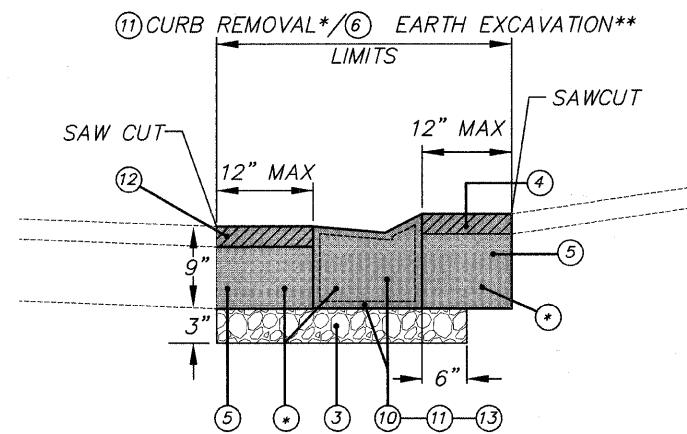
** DETAIL SECTION SHOWN IS THROUGH DRIVEWAY FOR SIDEWALK THROUGH TURF REPLACE (4) & (5) WITH (9)



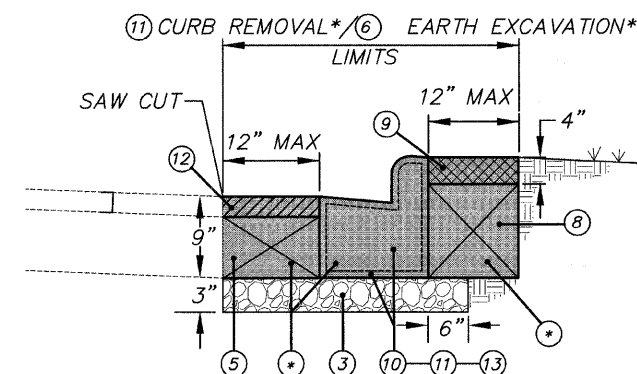
TYPICAL PROPOSED SECTION - SIDEWALK THROUGH DRIVEWAY

NOT TO SCALE

* DRIVEWAY PAVEMENT REMOVAL SHALL INCLUDE ALL HMA AND AGGREGATE AND EARTH MATERIALS TO REMOVE AND DISPOSE OF TO THE TOP OF PROPOSED SUBGRADE



TYPICAL CURB INSTALLATION ADJACENT TO DRIVEWAY



TYPICAL CURB INSTALLATION ADJACENT TO LAWN

* WHERE EXISTING AND PROPOSED CURB ARE NOT IN SAME ALIGNMENT CURB REMOVAL SHALL BE MEASURED FROM 12 INCHES IN FRONT OF NEW CURB TO 12\"/>
 IN BACK OF NEW CURB OR TO THE BACK OF THE OLD CURB WHICHEVER IS GREATER.

** PAY ITEM = CURB REMOVAL WHERE THERE IS CURB
 = EARTH EXCAVATION WHERE THERE IS NO CURB

Legend

- (*) CURB REMOVAL/EARTH EXCAVATION LIMITS SHALL INCLUDE 12 INCHES IN FRONT AND BACK OF NEW CURB TO SUBGRADE ELEVATION; COST OF EXCAVATION/DISPOSAL TO BE INCLUDED IN PRICE OF CURB REMOVAL.
- (1) PROPOSED DRIVEWAY PAVEMENT REMOVAL
- (2) PROPOSED PCC SIDEWALK, 6"
- (3) PROPOSED SUBBASE GRANULAR MATERIAL
- (4) PROPOSED HMA DRIVEWAY PAVEMENT, 3"
- (5) PROPOSED AGGREGATE BASE COURSE, TY B (CRUSHED)
- (6) PROPOSED EARTH EXCAVATION
- (7) PROPOSED PCC SIDEWALK, 5"
- (8) SUITABLE EXCAVATED MATERIAL BACKFILL
- (9) PROPOSED LANDSCAPING:
 - TOPSOIL FURNISH AND PLACE, 3"
 - SEEDING, CLASS 1
 - MULCH, METHOD 3
- (10) EXISTING CURB
- (11) PROPOSED CURB REMOVAL
- (12) a) HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
 b) HOT MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"
- (13) PROPOSED COMBINATION CONCRET CURB & GUTTER, TYPB-6.12
- (14) SIDEWALK REMOVAL

HOT MIX ASPHALT MIXTURE REQUIREMENT

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT REPLACEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 GYR
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	4% @ GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL-9.5mm)	4% @ GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

MATCHLINE STA. 115+00

MATCHLINE STA. 130+00

MATCHLINE STA. 145+00

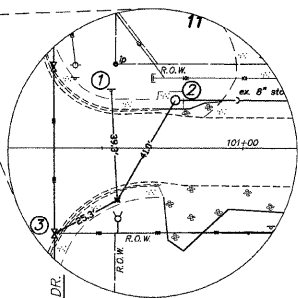
MATCHLINE STA. 115+00

MATCHLINE STA. 130+00

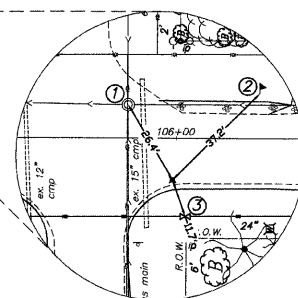
MATCHLINE STA. 145+00

STATION 100+00 BEGINNING OF IMPROVEMENTS

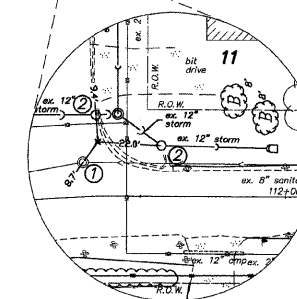
SET PK STA. 100+55, 18.27'RT
1. SIGN
2. CATCH BASIN
3. WATER VALVE



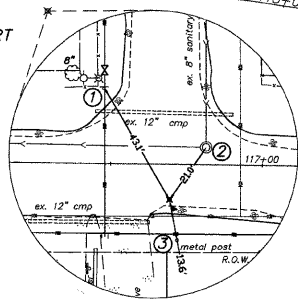
SET PK STA. 105+99, 12.47'RT
1. SANITARY MH
2. MAIL BOX
3. WATER VALVE



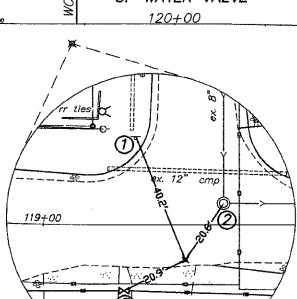
SET PK STA. 111+36, 18.69'LT
1. SANITARY MH
2. CATCH BASIN



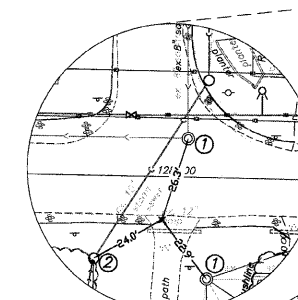
SET PK STA. 116+70, 11.64'RT
1. SIGN
2. SANITARY MH
3. METAL POST



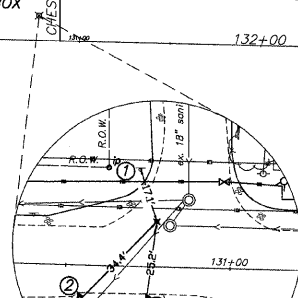
SET PK STA. 119+43, 10.55'RT
1. SIGN
2. SANITARY MH
3. WATER VALVE



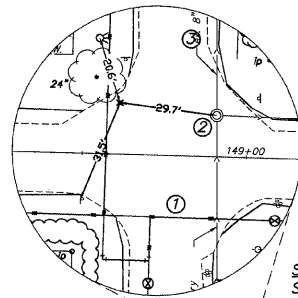
SET PK STA. 127+96, 13.40'RT
1. SANITARY MH
2. CATCH BASIN



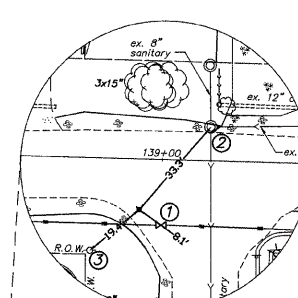
SET PK STA. 130+77, 13.82'RT
1. SIGN
2. MAIL BOX



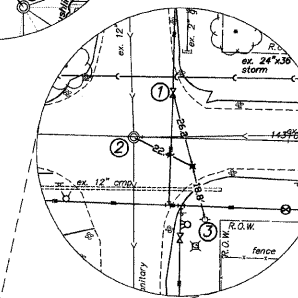
SET CROSS STA. 135+76, 22.40'RT
1. WATER VALVE
2. CATCH BASIN



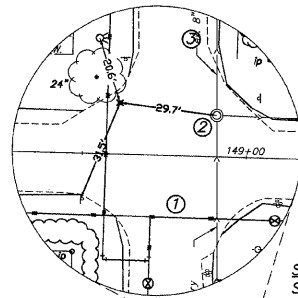
SET PK STA. 138+93, 15.41'RT
1. WATER VALVE
2. SANITARY MH
3. POWER POLE



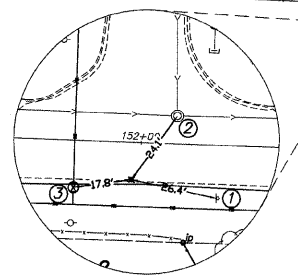
SET PK STA. 142+68, 9.46'RT
1. WATER VALVE
2. SANITARY MH
3. POWER POLE



SET PK STA. 148+61, 15.72'LT
1. SIGN
2. SANITARY MH
3. FIRE HYDRANT



SET PK STA. 151+97, 11.44'RT
1. SIGN
2. SANITARY MH
3. WATER VALVE VAULT



BENCHMARKS

- A. SET PK LOCATED AT THE NORTHEAST CORNER OF OAKWOOD DRIVE AND CHEROKEE DRIVE. ELEV=766.35
- B. SET PK LOCATED AT THE NORTHWEST CORNER OF OAKWOOD DRIVE AND MAPLE STREET. ELEV=748.84
- C. SET PK LOCATED AT THE NORTHEAST CORNER OF OAKWOOD DRIVE AND IDLEWILD DRIVE. ELEV=755.53
- D. SET PK LOCATED AT THE NORTHEAST CORNER OF OAKWOOD DRIVE AND HAWTHORNE DRIVE. ELEV= 765.47

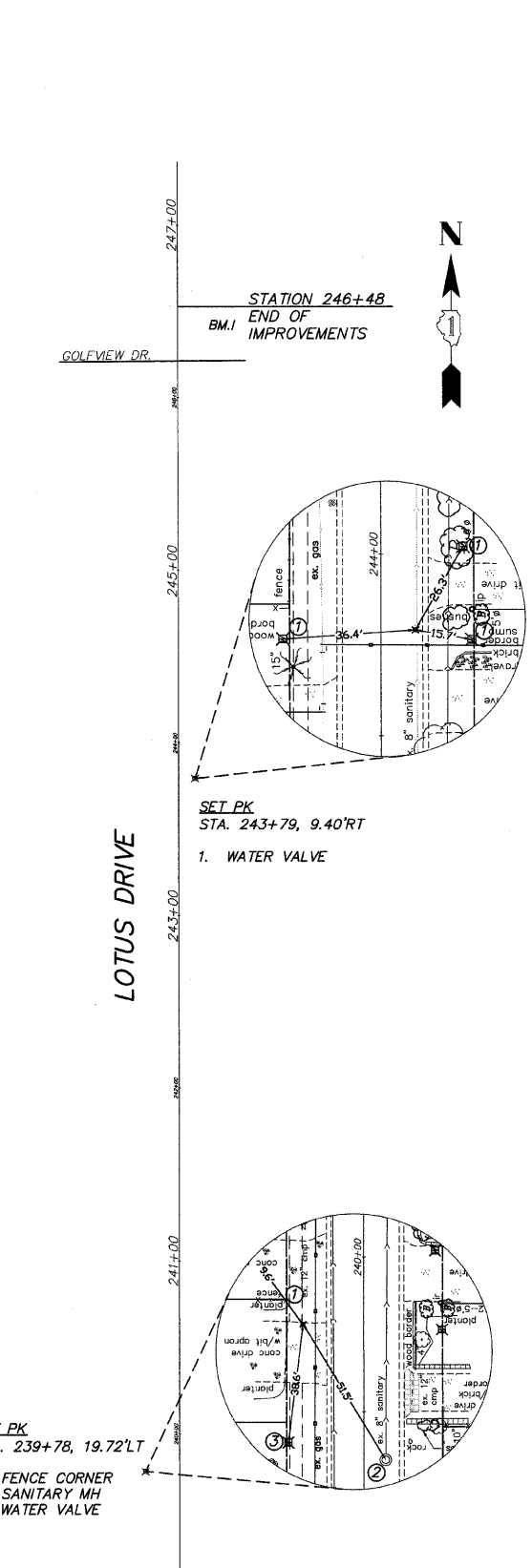
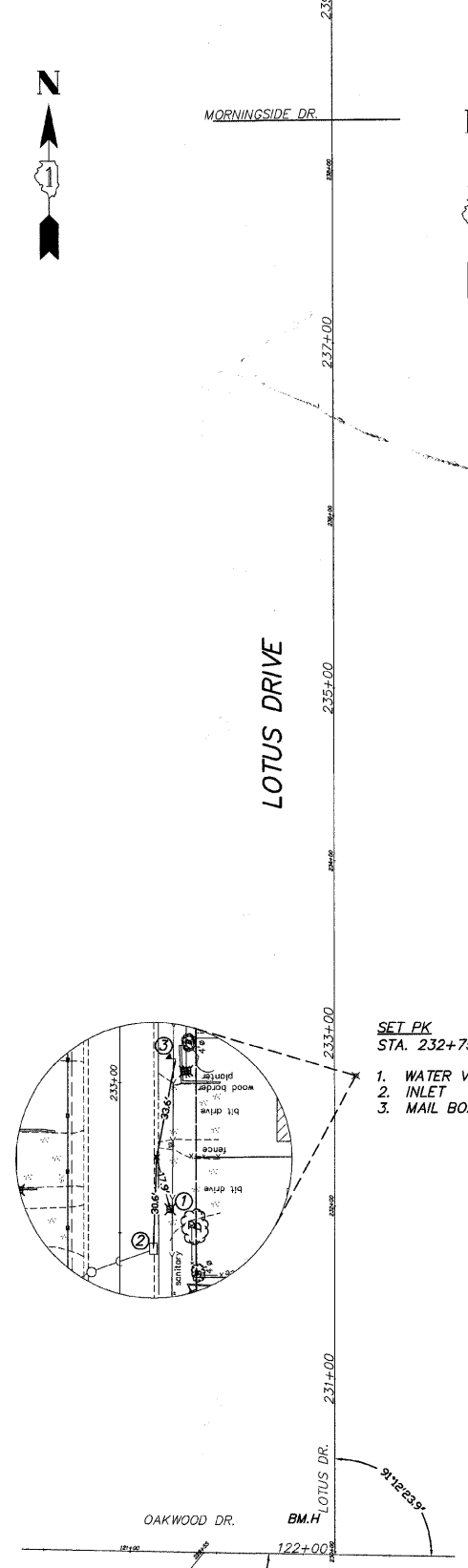
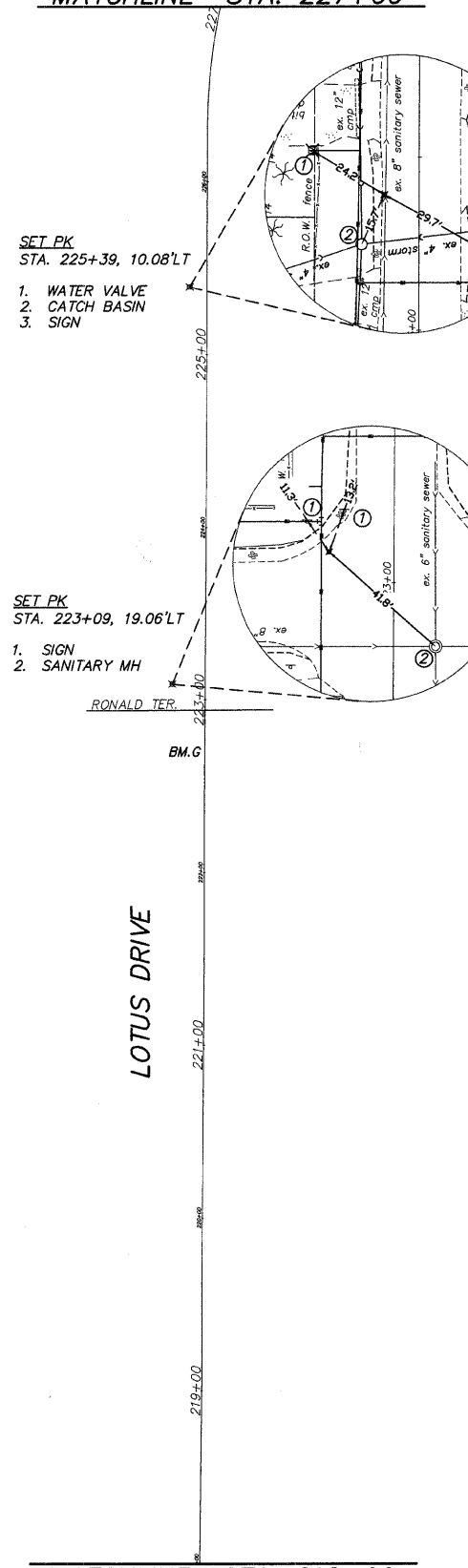
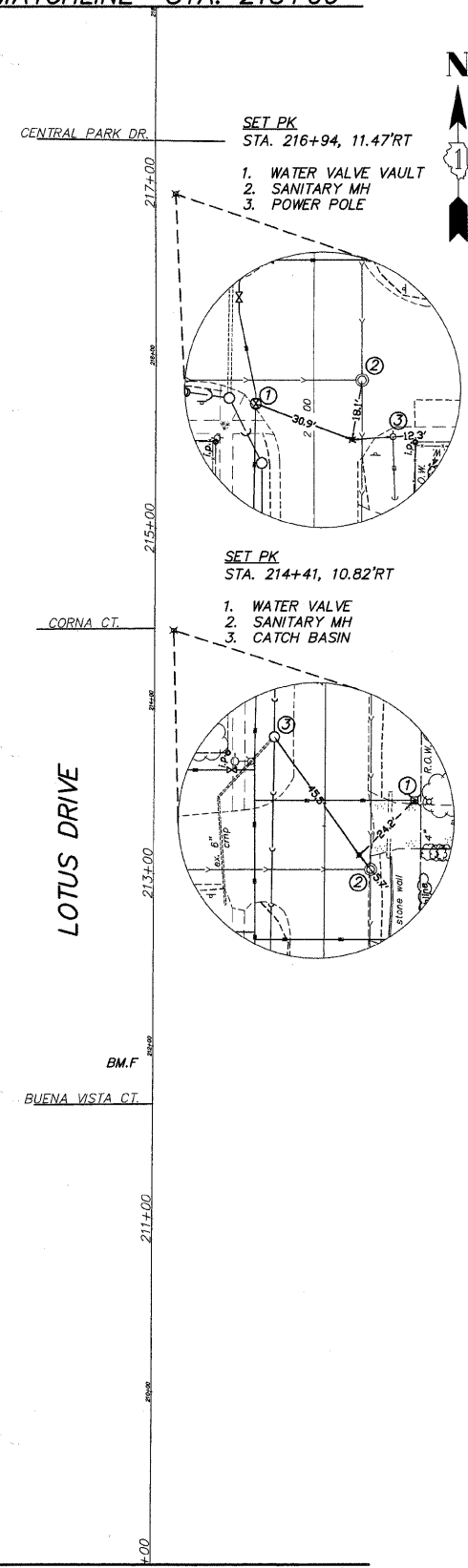
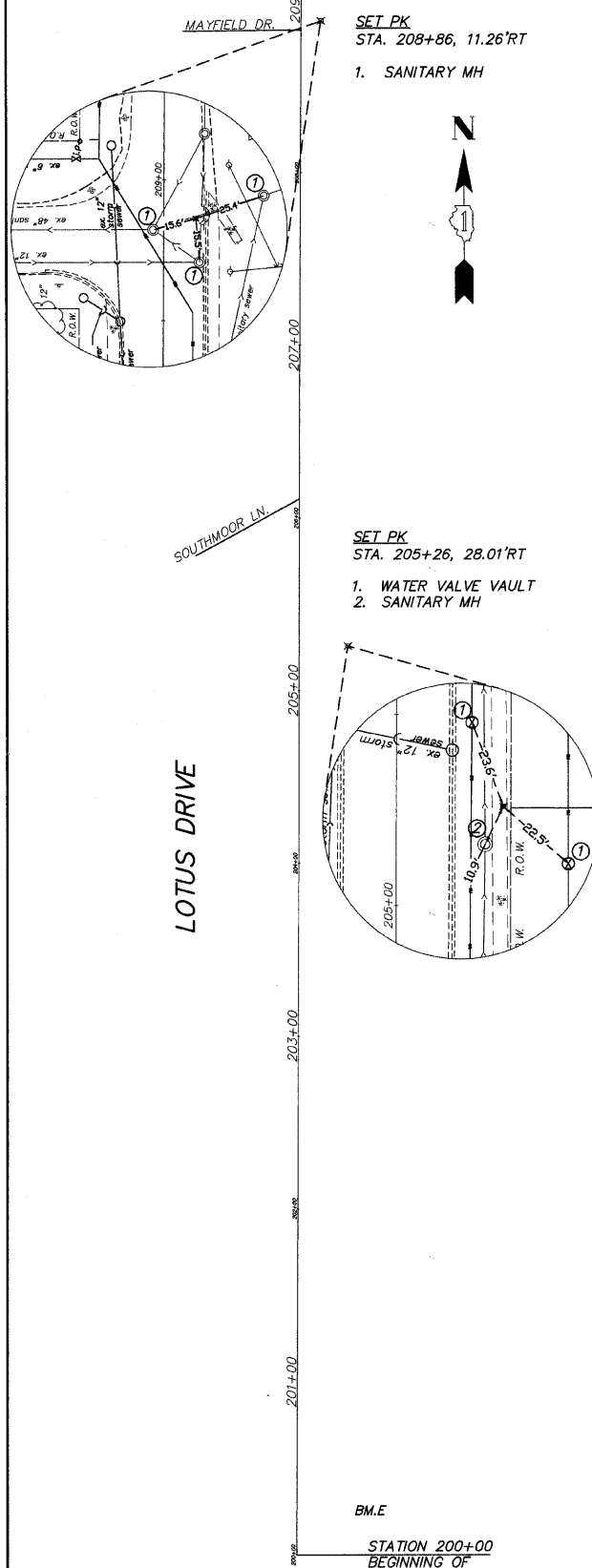
FILE NAME = 10258803A.DWG	USER NAME =	DESIGNED — RJD	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OAKWOOD DRIVE ALIGNMENT AND TIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME =	DRAWN — EC	REVISED —			---	08-00062-00-SW	LAKE	73	4	
	PLOT SCALE =	CHECKED — RJD	REVISED —			CONTRACT NO. 63280					
	PLOT DATE =	DATE — 10/02/09	REVISED —			ILLINOIS FED. AID PROJECT					
					SCALE: N.T.S.	SHEET NO. 4 OF 73 SHEETS					

MATCHLINE STA. 209+00

MATCHLINE STA. 218+00

MATCHLINE STA. 227+00

MATCHLINE STA. 239+00



BENCHMARKS

- E. CROSS SET ON SIDEWALK AT THE NORTHEAST CORNER OF FAIRFIELD ROAD AND LOTUS DRIVE. ELEV=751.62
- F. SPIKE SET IN GRASS, LOCATED ON THE NORTHWEST CORNER OF BUENA VISTA COURT AND LOTUS DRIVE. ELEV=748.17
- G. SET PK AT THE SOUTHWEST CORNER OF RONALD TERRACE AND LOTUS DRIVE. ELEV=755.51
- H. CROSS SET ON SIDEWALK AT THE NORTHWEST CORNER OF LOTUS DRIVE AND OAKWOOD DRIVE. ELEV=759.58
- I. CROSS SET ON CURB AT THE NORTHEAST CORNER OF GOLFVIEW DRIVE AND LOTUS DRIVE. ELEV=769.39

FILE NAME =	10258803A.DWG
USER NAME =	
DESIGNED --	RJD
REVISIONS --	
DRAWN --	EC
REVISIONS --	
PLOT SCALE =	CHECKED -- RJD
REVISIONS --	
PLOT DATE =	DATE -- 10/02/09
REVISIONS --	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOTUS DRIVE
ALIGNMENT AND TIES**

SCALE: N.T.S. SHEET NO. 5 OF 73 SHEETS STA. ---- TO STA. ----

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	08-00062-00-SW	LAKE	73	5
CONTRACT NO. 63280			ILLINOIS FED. AID PROJECT	

HMA DRIVEWAY REMOVAL/REPLACEMENT SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SY) DRIVEWAY REMOVAL	(SY) DRIVEWAY REPLACEMENT	(SY) DRIVEWAY REMOVAL	(SY) DRIVEWAY REPLACEMENT
A. OAKWOOD				
100+96-101+18 Lt	19.6	7.3		
101+76-101+95 Rt			16.9	6.3
103+84-104+04 Rt			17.8	6.6
104+35-104+54 Lt	16.9	6.3		
106+95-107+08 Lt	11.6	4.3		
107+42-107+60 Lt	16.0	5.9		
109+70-109+90 Lt	17.8	6.6		
110+20-110+37 Lt	15.1	5.6		
110+30-110+64 Rt			30.3	11.2
111+67-111+85 Rt			16.0	5.9
112+20-112+40 Rt			17.8	6.6
112+45-112+60 Lt	13.4	5.0		
112+68-112+85 Rt			15.1	5.6
112+92-113+08 Lt	14.2	5.3		
115+05-115+45 Rt			26.7	13.2
115+15-115+27 Lt	10.7	4.0		
116+21-116+43 Rt			19.6	7.3
116+45-116+64 Rt			16.9	6.3
117+85-118+05 Lt	17.8	6.6		
119+27-119+47 Rt			17.8	6.6
120+85-121+10 Lt	55.6	4.2		
122+80-123+16 Rt			32.0	11.9
123+12-123+40 Lt	24.9	9.3		
123+65-124+00 Rt			31.2	11.6
124+08-124+25 Rt			15.1	8.9
124+52-124+70 Rt			16.0	5.9
124+93-125+08 Rt			13.4	5.0
127+14-127+35 Rt			18.7	6.9
128+32-128+55 Rt			20.5	7.6
128+35-128+54 Lt	16.9	6.3		
128+77-128+98 Rt			18.7	6.9
129+17-129+29 Rt			10.7	4.0
129+47-129+70 Rt			43.5	
129+90-130+12 Lt	19.6	7.3		
130+27-130+50 Rt			20.5	
130+82-131+00 Rt			16.0	
132+00-132+18 Lt	16.0	5.9		
132+65-132+78 Lt	11.6	4.3		
132+70-132+86 Rt			14.2	5.3
133+85-134+05 Lt	17.8	6.6		
134+10-134+30 Rt			17.8	6.6
134+20-134+40 Lt	17.8	6.6		
137+50-137+62 Rt			10.7	
137+55-137+70 Lt	13.4			
138+48-138+65 Lt	15.1	5.6		
138+38-138+54 Rt			14.2	5.3
140+00-140+22 Lt	19.6	7.3		
140+90-141+10 Lt	17.8	6.6		
143+25-143+45 Lt	17.8	6.6		
143+65-143+78 Lt	11.6	4.0		
143+73-144+05 Rt			28.5	10.9
144+10-144+30 Lt	17.8	6.6		
144+28-144+48 Rt			17.8	6.6
147+18-147+32 Lt	12.5	4.6		
147+20-147+43 Rt			20.5	7.6
149+62-149+97 Lt	31.2	11.6		
153+20-153+90 Lt	62.3	23.1		
Total A (Oakwood)	539.0	183.4	484.2	186.6

HMA DRIVEWAY REMOVAL/REPLACEMENT SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SY) DRIVEWAY REMOVAL	(SY) DRIVEWAY REPLACEMENT	(SY) DRIVEWAY REMOVAL	(SY) DRIVEWAY REPLACEMENT
B. LOTUS				
209+35-209+50 Rt			13.4	5.0
209+50-209+90 Lt			88.9	
209+95-210+10 Rt			33.3	
210+50-210+70 Lt			44.5	
210+78-210+90 Rt			10.7	4.0
211+95-212+10 Rt			13.4	5.0
213+00-213+18 Rt			16.0	5.9
213+97-214+15 Rt			30.0	
214+42-214+58 Rt			28.4	19.4
214+95-215+10 Rt			13.4	5.0
215+55-215+65 Rt			9.9	3.3
216+50-216+70 Rt			17.8	6.6
218+53-218+63 Rt			8.9	3.3
219+05-219+22 Rt			15.1	5.6
219+32-219+53 Lt			18.7	6.9
219+54-219+67 Rt			11.6	4.3
220+03-220+20 Rt			15.1	5.6
220+30-220+50 Lt			17.8	6.6
221+36-221+52 Rt			14.2	5.3
221+85-222+05 Lt			17.8	6.6
222+03-222+22 Rt			16.9	6.3
223+73-223+94 Lt			18.7	6.9
224+52-224+70 Lt			16.0	5.9
225+00-225+15 Lt			13.4	
225+50-225+70 Lt			17.8	
225+82-226+06 Lt			21.4	7.9
226+12-226+33 Rt			18.7	6.9
226+60-226+78 Lt			16.0	5.9
226+90-227+20 Rt			26.7	10.0
228+55-228+75 Rt			17.8	6.6
230+98-231+08 Rt			8.9	3.3
231+58-231+74 Rt			14.2	5.3
231+95-232+10 Rt			13.3	7.3
232+57-232+78 Rt			18.7	6.9
232+83-233+03 Rt			17.8	6.6
233+34-233+58 Rt			21.4	7.9
234+05-234+22 Rt			15.1	5.6
234+65-235+82 Rt			15.10	5.6
234+91-235+10 Rt			16.9	
235+31-235+48 Rt			15.1	5.6
235+93-236+10 Rt			15.1	5.6
236+62-236+78 Rt			14.2	5.3
239+50-239+62 Rt			10.7	4.0
240+94-241+05 Rt			9.8	3.6
241+45-241+60 Rt			13.4	5.0
242+37-242+58 Rt			18.7	7.0
243+17-243+35 Rt			16.0	6.0
243+50-243+70 Rt			17.8	6.6
243+85-243+98 Rt			11.6	4.3
TOTAL B (LOTUS)			905.1	256.3
TOTAL C (MISC.)		16.6		7.1
TOTAL A + B + C	539	200.0	1,389.3	450.0

SEGMENTAL CONCRETE BLOCK WALL SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (SF) AREA	SRTS (SF) AREA
A. OAKWOOD		
104+08-104+34 Lt	58	
104+52-104+91 Lt	84	
118+00-119+15 Lt	215	
120+00-120+75 Lt	152	
120+00-120+30 Rt		58
136+55-138+00 Rt		350
138+00-138+30 Rt		75
138+50-140+00 Lt	100	
140+20-140+60 Lt	100	
140+55-140+85 Lt	60	
140+50-140+90 Rt		75
146+85-147+00 Lt	75	
147+32-148+00 Lt	140	
148+00-148+45 Lt	90	
150+80-150+90 Rt		85
TOTAL A (OAKWOOD)	1072	621
B. LOTUS		
209+20-209+45 Lt		50
210+80-211+20 Lt		100
222+50-222+65 Lt		20
224+75-225+00 Lt		55
227+52-227+91 Lt		43
230+30-230+85 Rt		106
240+03-240+20 Rt		70
TOTAL B (LOTUS)		444
TOTAL C (MISC.)	28	35
TOTAL A + B + C	1100	1100

CLASS D PATCHES, TY 1, 6" SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (SY) AREA	SRTS (SY) AREA
A. OAKWOOD		
124+70-124+71 Lt	5	
124+70-124+71 Rt		5
124+80-124+81 Lt	5	
124+80-124+81 Rt		5
TOTAL	10	10

PCC DRIVEWAY REMOVAL/REPLACEMENT SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SY) REMOVAL	(SY) REPLACEMENT	(SY) REMOVAL	(SY) REPLACEMENT
A. OAKWOOD				
137+50-137+62 Rt				20.0
137+55-137+70 Lt		33.3		
TOTAL A (OAKWOOD)		33.3		20.0
B. LOTUS				
209+50-209+90 Lt				88.9
209+95-210+10 Rt				25.0
210+50-210+70 Lt				44.5
213+97-214+15 Rt				30.0
221+32-221+52 Lt				41.7
225+00-225+15 Lt				25.0
225+50-225+70 Lt				33.3
234+91-235+10 Rt				21.1
TOTAL B (LOTUS)				309.5
TOTAL C (MISC.)		17.7		20.5
TOTAL A + B + C		50.0		350.0

HOT MIX ASPHALT SURFACE REMOVAL SCHEDULE			
STATION	FUNDING SOURCE		
	CMAQ (SY)	SRTS (SY)	
	HMA SURFACE REMOVAL, 1-1/2"	HMA SURFACE REMOVAL, 1-1/2"	HMA SURFACE REMOVAL, 1-1/2"
A. OAKWOOD			
121+68-122+80 Lt	135		
121+68-122+80 Rt			135
TOTAL B (MISC.)			104
TOTAL A + B	135		239

DETECTABLE WARNING SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (SF) AREA	SRTS (SF) AREA
A. OAKWOOD		
100+65 Lt	10	
100+65 Rt		10
102+60 Lt	10	
102+60 Rt		10
102+70 Lt	10	
102+70 Rt		10
103+10 Lt	10	
103+15 Lt	10	
103+15 Rt		10
103+18 Rt		10
105+50 Lt	10	
105+55 Lt	10	
105+55 Rt		30
105+85 Lt	10	
105+94 Lt	10	
105+85 Rt		20
108+19 Rt		10
108+19 Lt	10	
108+26 Rt		10
108+40 Lt	10	
108+60 Lt	10	
109+35 Rt		10
111+05 Lt	10	
111+40 Lt	10	
113+76 Lt	10	
113+79 Lt	10	
113+77 Rt		10
113+81 Rt		10
114+10 Lt	10	
114+14 Rt		10
114+20 Rt		10
114+22 Lt	10	
116+55 Lt	10	
116+85 Lt	10	
117+95 Rt		10
118+75 Rt		10
119+30 Lt	10	
119+65 Lt	10	
120+75 Lt	10	
120+75 Rt		10
120+90 Rt		10
121+50 Rt		10
122+00 Lt	10	
122+35 Lt	10	
122+40 Lt	10	
124+85 Lt	10	
125+20 Lt	10	
127+75 Lt	10	
127+66 Rt		10
128+13 Lt	10	
128+18 Lt	10	
128+20 Rt		10
130+70 Lt	10	
131+05 Lt		10
135+45 Lt	10	
135+49 Lt	10	
135+45 Rt		10
135+80 Rt		10
135+87 Lt	10	
136+18 Lt	10	
136+23 Rt		10
136+28 Rt		10
138+90 Rt		10
139+35 Rt		10
142+20 Rt		10
142+23 Lt	10	
142+30 Rt		10
142+30 Lt	10	
142+60 Lt	10	
142+70 Lt	10	
142+65 Rt		20
145+41 Rt		10
145+41 Lt	10	
145+46 Lt	10	
145+46 Rt		10
145+79 Rt		10
145+79 Lt	10	
145+82 Lt	10	
145+82 Rt		10
148+45 Lt	10	
148+45 Rt		10
148+60 Lt	10	
148+60 Rt		10
148+96 Rt		10
148+97 Lt	10	
149+00 Lt	10	
149+02 Rt		10
151+85 Lt	10	
152+19 Lt	10	
152+20 Rt		10
152+24 Lt	10	
TOTAL A (OAKWOOD)	510	440

DETECTABLE WARNING SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (SF) AREA	SRTS (SF) AREA
B. LOTUS		
200+18 Rt		8
200+18 Lt		8
205+70 Lt		10
206+30 Lt		10
209+00 Lt		10
211+50 Lt		10
211+80 Lt		10
214+15 Lt		10
214+60 Lt		10
217+00 Rt		20
217+00 Lt		10
217+02 Rt		10
217+06 Lt		10
217+44 Rt		10
217+46 Lt		10
217+50 Lt		20
217+50 Rt		20
222+70 Lt		20
222+71 Rt		10
222+75 Rt		20
222+76 Lt		10
223+15 Lt		20
223+15 Rt		20
223+20 Lt		10
238+08 Rt		10
238+45 Rt		10
246+00 Rt		20
TOTAL B (LOTUS)		346
TOTAL C (MISC.)		4
TOTAL A + B + C	510	790

CURB REMOVAL/REPLACEMENT SCHEDULE						
STATION	FUNDING SOURCE					
	CMAQ			SRTS		
	(FT) REMOVAL	(FT) COM CONC C&G TY B&L2	DOWEL BARS	(FT) CURB	(FT) REMOVAL	DOWEL BARS
A. OAKWOOD						
110+90-111+17 Lt	27	27	1			
111+45-111+62 Lt	27	27	1			
120+75-121+00 Rt					60	2
129+50-131+90 Rt					240	
121+65-122+85 Rt					100	2
133+65-135+20 Rt					140	2
121+90-122+10 Lt		25	2			
137+38-137+78 Rt					40	
122+30-122+50 Lt		25	2			
135+42-135+55 Lt	25	25	4			
135+65-135+85 Rt				30	30	4
135+80-136+00 Lt	25	25	4			
138+15-138+30 Rt				25	25	4
140+40-140+98 Rt					65	
140+50-141+80 Lt		117	2			
142+15-142+30 Lt		21				
142+15-142+30 Rt					25	
142+61-142+72 Lt		17				
142+61-142+72 Rt					21	
145+40-145+50 Lt	22	22	4			
145+40-145+50 Rt				17	17	4
145+75-145+85 Lt	20	20	4			
145+75-145+85 Rt				17	17	4
146+60-147+08 Lt		48				
148+42-148+65 Lt		33				
148+42-148+65 Rt					30	
148+90-150+10 Rt					125	
148+90-149+10 Lt		28				
151+80-151+90 Lt	20	20	4			
152+10-152+20 Lt	20	45	4			
152+44-154+10 Lt		160				
153+00-153+93 Rt					95	2
TOTAL A (OAKWOOD)	186	685	32	89	1030	24
B. LOTUS						
200+10-200+21 Rt				21	21	4
200+11-200+24 Lt				20	20	4
205+64-205+73 Lt				15	15	4
206+20-206+35 Lt				20	20	4
208+85-209+05 Rt					20	
215+90-217+05 Rt					130	
222+25-222+84 Rt					92	
226+80-228+55 Rt					170	
227+70-228+00 Lt					65	
230+15-230+35 Rt				30	30	4
230+15-230+35 Lt				30	30	4
238+00-238+17 Rt				30	30	4
238+39-238+54 Rt				30	30	4
245+86-246+07 Rt				33	33	4
TOTAL B (LOTUS)				229	706	36
TOTAL C (MISC.)	4			2		
TOTAL A + B + C	190	685	32	320	1736	60

SAW CUTTING SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (FT) BITUMINOUS	SRTS (FT) BITUMINOUS
A. OAKWOOD		
100+95-101+20 Lt	50	
101+76-101+95 Rt		38
103+85-104+08 Lt	46	
103+85-104+08 Rt		40
104+34-104+53 Lt	38	
106+90-107+08 Lt	22	
107+42-107+58 Lt	32	
107+58-107+78 Rt		40
109+60-109+80 Lt	40	
110+22-110+40 Lt	36	
110+28-110+60 Rt		44
110+90-111+17 Lt	27	
111+45-111+62 Lt	27	
111+60-111+76 Rt		32
112+12-112+33 Rt		42
112+45-112+60 Lt	30	
112+60-112+77 Rt		34
112+90-113+10 Lt	40	
115+05-115+45 Rt		80
115+15-115+28 Lt	26	
118+20-116+65 Rt		90
117+90-118+10 Lt	40	
119+00-119+22 Rt		44
119+28-119+44 Rt		32
120+85-121+10 Lt	50	
121+95-122+13 Rt		36
122+82-123+18 Rt		72
123+12-123+38 Lt	52	
123+65-124+00 Rt		70
124+10-124+22 Rt		24
124+52-124+70 Rt		36
124+92-125+08 Rt		32
127+12-127+36 Rt		48
128+35-128+50 Lt	30	
128+35-128+50 Rt		30
128+50-128+54 Lt	8	
128+60-128+55 Rt		10
128+77-128+98 Rt		42
129+17-129+28 Rt		22
129+89-130+09 Rt		20
129+92-130+13 Lt	42	
130+30-130+50 Rt		20
130+82-131+00 Rt		18
131+36-131+65 Rt		29
131+93-132+18 Lt	50	
132+63-132+80 Lt	34	
132+70-132+85 Rt		30

SAW CUTTING SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (FT) BITUMINOUS	SRTS (FT) BITUMINOUS
A. OAKWOOD		
133+85-134+05 Rt		40
134+25-134+40 Lt	30	
134+10-134+30 Rt		40
135+65-135+85 Rt		30
135+42-135+55 Lt	25	
135+80-136+00 Lt	25	
136+15-136+30 Rt		25
137+50-137+65 Rt		15
137+55-137+65 Lt	10	
138+40-138+54 Rt		28
138+47-138+65 Lt	36	
139+20-139+50 Lt	30	
140+00-140+20 Lt	40	
143+26-143+45 Lt	38	
143+65-143+78 Lt	26	
143+75-144+05 Rt		60
144+13-144+32 Lt	38	
144+28-144+48 Rt		40
145+40-145+50 Lt	22	
145+40-145+50 Rt		17
145+75-145+85 Lt	20	
145+75-145+85 Rt		17
147+20-147+40 Rt		40
147+20-147+32 Lt	24	
149+63-149+97 Lt	68	
151+80-151+90 Lt	20	
152+10-152+20 Lt	20	
153+25-153+85 Lt	60	
TOTAL A (OAKWOOD)	1252	1407

SAW CUTTING SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (FT) BITUMINOUS	SRTS (FT) BITUMINOUS
B. LOTUS		
209+36-209+55 Rt		38
209+54-209+90 Lt		36
210+75-210+96 Rt		42
209+95-210+10 Rt		18
211+25-211+63 Rt		76
213+00-213+19 Rt		38
213+43-213+63 Rt		40
213+90-214+10 Rt		20
214+43-214+58 Rt		30
214+95-215+10 Rt		30
215+54-215+64 Rt		20
216+52-216+72 Rt		20
218+52-218+63 Rt		22
219+07-219+23 Rt		30
219+53-219+67 Rt		28
219+32-219+55 Lt		46
220+05-220+20 Rt		30
220+32-220+50 Lt		36
221+36-221+55 Rt		38
221+80-222+02 Lt		44
222+10-222+23 Rt		26
223+73-223+93 Lt		40
224+54-224+71 Lt		34
225+00-225+15 Lt		30
225+53-225+70 Lt		34
225+82-226+08 Lt		52
226+12-226+32 Rt		40
226+60-226+32 Lt		30
226+83-227+10 Rt		54
230+15-230+35 Rt		30
230+15-230+35 Lt		30
230+97-231+10 Rt		26
231+56-231+75 Rt		38
231+97-232+15 Rt		36
232+55-232+77 Rt		44
232+84-233+03 Rt		38
233+35-233+55 Rt		40
234+07-234+26 Rt		38
234+68-234+76 Rt		20
234+92-235+00 Rt		16
235+00-235+08 Rt		16
235+32-235+47 Rt		30
235+92-236+11 Rt		38
236+60-236+76 Rt		32
238+00-238+12 Rt		30
238+40-238+50 Rt		30

SAW CUTTING SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (FT) BITUMINOUS	SRTS (FT) BITUMINOUS
B. LOTUS		
239+50-239+65 Rt		30
239+84-240+00 Rt		32
240+00-240+04 Rt		8
241+95-241+05 Rt		22
241+45-241+60 Rt		30
242+38-242+58 Rt		40
243+15-243+33 Rt		36
243+51-243+69 Rt		36
243+85-243+97 Rt		24
246+00-246+10 Rt		30
246+38-246+48 Rt		30
TOTAL B (LOTUS)		1872
TOTAL C (MISC.)	48	21
TOTAL A + B	1300	3300

FILE NAME = 10258802.DWG	USER NAME =	DESIGNED -- RJD	REVISED --
	FILE NAME =	DRAWN -- EC	

PCC SIDEWALK SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SF) 5"	(SF) 6"	(SF) 5"	(SF) 6"
A. OAKWOOD				
100+65-100+95 Lt	200			
100+95-101+20 Lt		125		
101+20-101+70 Lt	325			
101+70-102+00 Lt		150		
102+00-102+80 Lt	450			
103+10-103+68 Lt	300			
103+78-103+85 Lt	35			
103+85-104+08 Lt		115		
104+08-104+34 Lt	130			
104+34-104+53 Lt		95		
104+53-105+00 Lt	235			
100+65-101+76 Rt			575	
101+76-101+95 Rt				95
101+95-102+85 Rt			500	
103+13-103+85 Rt			360	
103+85-104+05 Rt				100
104+05-104+40 Rt		175		
104+40-104+53 Rt				65
104+53-105+00 Rt		235		
105+00-105+55 Lt	305			
105+80-106+36 Lt	330			
106+36-106+55 Lt		95		
106+55-106+90 Lt	200			
106+90-107+08 Lt		90		
107+08-107+42 Lt	170			
107+42-107+58 Lt		80		
107+58-108+30 Lt	410			
108+30-109+10 Lt	900			
109+10-109+22 Lt		60		
109+22-109+60 Lt	190			
109+60-109+80 Lt		100		
109+80-110+00 Lt	100			
105+00-105+60 Rt			350	
105+85-106+55 Rt			400	
106+55-106+69 Rt				70
106+69-107+05 Rt			180	
107+05-107+17 Rt				60
107+17-107+58 Rt			205	
107+58-107+78 Rt				100
107+78-108+58 Rt			460	
109+20-110+00 Rt			425	
110+00-110+22 Lt	110			
110+22-110+40 Lt		90		
110+40-111+10 Lt	400			
111+35-112+45 Lt	600			
112+45-112+60 Lt		75		

PCC SIDEWALK SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SF) 5"	(SF) 6"	(SF) 5"	(SF) 6"
A. OAKWOOD				
124+22-124+50 Rt				140
124+50-124+90 Lt	225			
125+10-127+80 Lt	1500			
127+05-128+35 Lt	250			
128+35-128+50 Lt		75		
124+50-124+52 Rt			10	
124+52-124+70 Rt				90
124+70-124+92 Rt			110	
124+92-125+08 Rt				80
125+08-127+12 Rt			1020	
127+12-127+36 Rt				120
127+36-127+93 Rt			335	
128+00-128+35 Rt			175	
128+35-128+50 Rt				75
128+50-128+54 Lt		20		
128+54-129+92 Lt	690			
129+92-130+13 Lt		105		
130+13-130+75 Lt	360			
131+03-131+93 Lt	515			
131+93-132+18 Lt		125		
132+18-132+63 Lt	275			
132+63-132+80 Lt		85		
132+80-133+00 Lt	100			
128+50-128+55 Rt				25
128+55-128+77 Rt			110	
128+77-128+98 Rt				105
128+98-129+17 Rt			95	
129+17-129+28 Rt				55
129+28-129+50 Rt			110	
129+70-129+89 Rt			140	
130+09-130+30 Rt			105	
130+50-130+82 Rt			160	
131+00-131+36 Rt			180	
131+36-131+65 Rt				145
131+65-132+70 Rt			625	
132+70-132+85 Rt				75
132+85-133+00 Rt			75	
133+00-133+05 Lt	25			
133+05-133+20 Lt		75		
133+20-133+85 Lt	325			
133+85-134+05 Lt		100		
134+05-134+25 Lt	125			
134+25-134+40 Lt		75		
134+40-135+50 Lt	775			
135+80-137+55 Lt	875			
137+65-138+00 Lt	175			

PCC SIDEWALK SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SF) 5"	(SF) 6"	(SF) 5"	(SF) 6"
A. OAKWOOD				
133+00-134+10 Rt			550	
134+10-134+30 Rt				100
134+30-135+80 Rt			1050	
136+10-137+50 Rt			675	
137+65-138+00 Rt			225	
138+00-138+19 Lt	95			
138+35-138+47 Lt	60			
138+47-138+65 Lt		90		
138+65-139+20 Lt	275			
139+48-140+00 Lt	310			
140+00-140+20 Lt		100		
140+20-142+30 Lt	1250			
142+60-143+00 Lt	225			
138+00-138+40 Rt			200	
138+40-138+54 Rt				70
138+54-138+96 Rt			210	
139+30-142+30 Rt			1750	
142+60-143+00 Rt			250	
143+00-143+25 Lt	130			
143+26-143+45 Lt		95		
143+45-143+65 Lt	100			
143+65-143+78 Lt		65		
143+78-144+13 Lt	225			
144+13-144+32 Lt		95		
144+32-145+50 Lt	640			
145+74-147+20 Lt	830			
147+20-147+32 Lt		60		
147+32-148+00 Lt	340			
143+00-143+75 Rt			375	
143+75-144+05 Rt				150
144+05-144+28 Rt			115	
144+28-144+48 Rt				100
144+48-145+50 Rt			535	
145+75-147+20 Rt			775	
147+20-147+40 Rt				100
147+40-148+00 Rt			300	
148+00-148+25 Lt	375			
148+90-149+63 Lt	415			
149+63-149+97 Lt		170		
149+97-151+85 Lt	940			
152+15-152+50 Lt	200			
148+00-148+65 Rt			375	
148+90-150+11 Rt			700	
150+11-150+30 Rt				145
150+30-151+30 Rt			500	
151+30-151+50 Rt				100
151+50-152+50 Rt			600	
152+50-153+25 Lt	525			
152+50-153+90 Rt	687			
153+25-153+90 Lt		490		
TOTAL A (OAKWOOD)	23,722	3,420	21,375	3,525

PCC SIDEWALK SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SF) 5"	(SF) 6"	(SF) 5"	(SF) 6"
B. LOTUS				
200+15-200+20 Lt			18	
200+15-200+20 Rt			30	
205+57-205+71 Lt			53	
205+84-205+89 Rt			19	
206+24-206+40 Lt			53	
206+90-207+01 Rt			42	
207+76-207+83 Lt			19	
208+23-208+26 Lt			18	
208+24-208+29 Rt			18	
208+38-208+55 Lt			64	
208+84-208+92 Rt			18	
212+18-212+24 Lt			19	
212+39-212+43 Lt			14	
212+73-212+75 Rt			13	
212+92-213+02 Lt				38
214+16-214+24 Lt			34	
214+54-214+65 Lt			34	
215+98-216+10 Lt			38	
216+95-217+10 Lt			112	
223+10-223+22 Rt			63	
223+38-223+43 Rt			20	
223+76-223+82 Rt			22	
224+03-224+08 Rt			25	
224+18-224+32 Rt				58
224+43-224+48 Rt			12	
224+61-224+86 Rt			20	
237+95-238+13 Lt			76	
238+43-238+56 Lt			45	
245+91-246+02 Lt			30	
246+37-247+47 Lt			34	
208+90-209+54 Lt			250	
208+76-209+36 Rt			365	
209+36-209+55 Rt				95
209+55-209+86 Rt			205	
209+90-210+00 Lt			35	
210+00-210+52 Lt			260	
210+67-211+55 Lt			440	
211+80-212+00 Lt			100	
210+10-210+75 Rt			325	
210+75-210+96 Rt				105
210+96-211+25 Rt			145	
211+25-211+63 Rt				190
211+63-211+95 Rt			160	
211+95-212+10 Rt				75
212+10-213+00 Rt			450	
213+00-213+19 Rt				95
213+19-213+43 Rt			120	
213+43-213+63 Rt				100
213+63-213+98 Rt			175	
213+98-214+14 Rt				80
214+14-214+43 Rt			145	
214+43-214+58 Rt				75
214+58-214+96 Rt			190	
215+12-215+54 Rt			210	
215+54-215+64 Rt				50
215+64-216+52 Rt			540	
216+52-216+72 Rt				100
216+72-217+05 Rt			190	
217+40-218+52 Rt			660	
218+52-218+63 Rt				55
218+63-219+07 Rt			220	
219+07-219+23 Rt				75
219+23-219+53 Rt			100	
219+53-219+67 Rt				70
219+67-220+00 Rt			165	
217+40-218+90 Lt			773	
218+90-219+05 Lt				75
219+05-219+32 Lt			135	
219+32-219+55 Lt				115
219+55-220+00 Lt			25	
220+00-220+32 Lt			185	
220+32-220+50 Lt				90
220+50-221+34 Lt			520	
221+53-221+80 Lt			135	
221+80-222+02 Lt				110
222+02-222+80 Lt			415	

PCC SIDEWALK SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ		SRTS	
	(SF) 5"	(SF) 6"	(SF) 5"	(SF) 6"
B. LOTUS				
223+10-223+73 Lt			380	
223+73-223+98 Lt				100
223+93-224+54 Lt			305	
224+54-224+71 Lt				85
224+71-225+00 Lt			145	
220+00-220+03 Rt			15	
220+03-220+20 Rt				85
220+20-221+36 Rt			580	
221+36-221+55 Rt				95
221+55-222+10 Rt			275	
222+10-222+23 Rt				65
222+23-222+80 Rt			504	
225+00-225+15 Lt				75
225+15-225+53 Lt			190	
225+53-225+70 Lt				85
225+70-225+82 Lt			60	
225+82-226+08 Lt				130
226+08-226+60 Lt			260	
226+60-226+75 Lt				75
226+75-226+90 Lt			75	
226+90-227+03 Lt				65
227+03-228+15 Lt			675	
228+08-126+12 Rt			20	
228+12-126+32 Rt				100
228+32-126+83 Rt			255	
228+83-127+10 Rt				135
227+10-128+95 Rt			725	
230+17-230+97 Rt			400	
230+97-231+10 Rt				65
231+10-231+56 Rt			230	
231+56-231+75 Rt				95
231+75-231+97 Rt			110	
231+97-232+15 Rt				90
232+15-232+55 Rt			200	
232+55-232+77 Rt				110
232+77-232+84 Rt			35	
232+84-233+03 Rt				95
233+03-233+35 Rt			160	
233+35-233+55 Rt				100
233+55-233+72 Rt				85

STATION	INLET SCHEDULE							
	FUNDING SOURCE							
	CMAQ (EA)				SRTS (EA)			
	TYA2	TY8	GRATE	TYB3	TY8	GRATE	TYB3	TY1F, OL
A. OAKWOOD								
103+15, 30' Lt			1					
105+55, 18' Lt				1				
105+58, 18' Rt							1	
105+90, 16' Lt					1			
105+93, 20' Rt							1	
108+26, 20' Lt				1				
108+36, 36' Rt							1	
108+65, 20' Lt				1				
113+68, 18' Lt				1				
113+68, 22' Rt							1	
114+12, 20' Lt				1				
114+26, 12' Rt							1	
116+98, 17' Lt				1				
117+83, 18' Rt							1	
119+27, 34' Lt		1						
119+65, 44' Lt		1						
120+67, 19' Rt					1			
122+84, 14' Rt								1
124+72, 14' Lt			1					
124+80, 17' Rt						1		
125+23, 13' Lt				1				
126+40, 15' Lt				1				
127+08, 18' Rt							1	
131+10, 14' Lt				1				
142+66, 17' Rt							1	
145+95, 22' Lt				1				
146+12, 27' Lt		1						
148+60, 18' Lt				1				
152+05, 17' Rt						1		
TOTAL A (OAKWOOD)	3	3	10	1	1	2	8	1

STATION	INLET SCHEDULE							
	FUNDING SOURCE							
	CMAQ (EA)				SRTS (EA)			
	TYA2	TY8	GRATE	TYB3	TY8	GRATE	TYB3	TY1F, OL
B. LOTUS								
238+04, 30'Rt						1		
238+50, 32'Rt						1		
238+56, 16'Rt							1	
240+16, 16'Rt						1		
245+94, 28'Rt						1		
TOTAL B (LOTUS)						4	1	
TOTAL A + B	3	3	10	1	5	3	8	1

STATION	STORM (12" RCCP, CL IV) SCHEDULE					
	FUNDING SOURCE					
	CMAQ			SRTS		
	(FT) LENGTH	(EA) PRC FES, 12"	(EA) MH CORE	(FT) LENGTH	(EA) PRC FES, 12"	(EA) MH CORE
A. OAKWOOD						
122+70 Rt				60		
123+00 Rt				50	1	
124+80 Rt				10		
146+00 Lt	39	1				
TOTAL B (MISC.)	1					
TOTAL A + B	40	1		120	1	

STATION	OUTLET (CLASS SI CONCRETE) SCHEDULE			
	FUNDING SOURCE			
	CMAQ (EA)		SRTS (EA)	
	OUTLET	OUTLET	OUTLET	
A. OAKWOOD				
122+60 Rt			2	
129+45 Rt			1	
141+60 Lt	1			
153+00 Rt			1	
146+60 Lt	1			
147+10 Lt	1			
TOTAL	3		4	

ASSUME 2 CY/EA

STATION	REMOVING MANHOLES SCHEDULE			
	FUNDING SOURCE			
	CMAQ (EA)		SRTS (EA)	
	INLET REMOVAL	INLET REMOVAL	INLET REMOVAL	
A. OAKWOOD				
103+15, 30' Lt	1			
121+70 Rt			2	
122+29 Rt			1	
124+40 Rt			1	
126+40, 15' Lt	1			
B. MISCELLANEOUS		1	3	
TOTAL B (MISCELLANEOUS)	1		3	
TOTAL	3		7	

STATION	REMOVE EXISTING CULVERTS SCHEDULE			
	FUNDING SOURCE			
	CMAQ (EA)		SRTS (EA)	
	CULVERT REMOVAL	CULVERT REMOVAL	CULVERT REMOVAL	
A. OAKWOOD				
110+31-110+71 Rt			1	
119+65 Lt	1			
121+60-122+80 Lt	1			
121+60-122+80 Rt			1	
124+80 Lt	1			
129+48-129+75 Rt			1	
129+85-130+11 Rt			1	
130+26-130+51 Rt			1	
130+80-131+21 Rt			1	
131+24-131+40 Rt			1	
145+30-145+40 Rt			1	
149+64-149+81 Rt			1	
150+10-150+30 Rt			1	
TOTAL A (OAKWOOD)	3		10	
B. LOTUS				
214+00 Rt			1	
TOTAL B (LOTUS)			1	
C. MISCELLANEOUS	10		15	
TOTAL C (MISCELLANEOUS)	10		15	
TOTAL A + B + C	13		26	

STATION	PIPE CULVERTS, 12" SCHEDULE							
	FUNDING SOURCE							
	CMAQ				SRTS			
	(FT) LENGTH	(EA) SES	(EA) SS TAP, 12"	(FT) LENGTH	(EA) SES	(EA) SS TAP, 12"		
A. OAKWOOD								
100+60, 18' Lt	15	1	1					
100+60, 21' Rt				15	2			
102+65, 18' Lt	26	2						
102+65, 25' Rt				28	1	1		
103+10, 34' Rt				5	1			
103+20, 26' Lt	26	1						
105+40, 17' Lt	16	1						
105+40, 19' Rt				16	1			
105+55, 28' Lt	16	1						
105+55, 28' Rt				16	1			
105+90, 26' Lt	14	1						
105+90, 26' Rt				20	1			
106+00, 16' Lt	14	1						
106+00, 19' Rt				20	1			
108+15, 18' Lt	50	2						
108+15, 26' Rt				50	2			
108+60, 32' Lt	16	1						
108+70, 20' Lt	16	1						
109+50, 24' Rt				28	1			
110+50, 22' Rt				40				
113+60, 17' Lt	16	1						
113+60, 18' Rt				20	1			
113+75, 25' Lt	16	1						
113+75, 30' Rt				20	1			
114+10, 29' Lt	20	1						
114+20, 19' Lt	20	1						
114+20, 23' Rt				18	1			
114+30, 15' Rt				18	1			
116+90, 30' Lt	35	1						
117+10, 16' Lt	30	1						
117+80, 24' Rt				40	2			
118+90, 26' Rt				40	2			
119+20, 27' Lt	15	2						
119+70, 33' Lt	24	1						
120+60, 19' Lt	12	1						
120+80, 36' Lt	40	1						
123+90, 19' Lt	50	2						
124+60, 18' Lt	25	1						
124+75, 18' Lt	45	1						
124+75, 0' Rt				70				
124+80, 23' Rt				50	1			
125+20, 26' Lt	26	1						
125+40, 14' Lt	50	1						
126+30, 16' Lt	30	1						
126+50, 16' Lt	15	1						
127+00, 20' Rt				47	1			
127+62, 17' Rt				14	2			
128+20, 16' Rt				15	2			
130+60, 27' Lt	35	2						
131+05, 27' Lt	20	1						
135+22, 33' Lt	28	1						
131+25, 15' Lt	25	1						
135+22, 26' Rt				20	1			
133+50, 26' Rt				50	2			
136+30, 24' Rt				26	1	1		
138+80, 24' Rt				75	2			
140+30, 23' Rt				30	2			
140+60, 18' Lt	25	2						
141+00, 19' Rt				30	2			
142+20, 26' Lt	25	2						
142+60, 31' Rt				32	1			
142+80, 17' Rt				16	1			
145+30, 18' Rt				24	1	1		
146+00, 24' Lt	39	1						
146+80, 16' Lt	75	2						
148+40, 18' Lt	30	1						
148+55, 37' Lt	34	1						
150+00, 21' Rt				125	2			
151+80, 28' Lt	22	2						
152+00, 17' Rt				70	1			
TOTAL A (OAKWOOD)	1012	46	1	1074	39	3		

STATION	PIPE CULVERTS, 12" SCHEDULE							
	FUNDING SOURCE							
	CMAQ				SRTS			
	(FT) LENGTH	(EA) SES	(EA) SS TAP, 12"	(FT) LENGTH	(EA) SES	(EA) SS TAP, 12"		
B. LOTUS								
209+20, 24' Rt				10	1			
210+60, 17' Lt				30				
211+45, 30' Lt				20	1	1		
214+00, 19' Rt				24				
216+00, 21' Rt				30	2			
217+50, 22' Rt				44	2			
217+50, 23' Lt				20	2			
221+00, 15' Lt				40	2			
222+70, 27' Lt				24	2			
223+20, 26' Lt				24	2			
225+10, 18' Lt				25				
225+60, 18' Lt				24				
230+23, 23' Rt				33	2			
TOTAL B (LOTUS)				348	16	1		
TOTAL C (MISC.)	36	4		28	5			
TOTAL A + B + C	1050	50	1	1450	60	4		

TREE REMOVAL (6" TO 15" DIA) SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (INCH DIA) TREE REMOVAL	SRTS (INCH DIA) TREE REMOVAL
A. OAKWOOD		
104+20, 28'Lt	4	
105+14, 27'Rt		15
105+35, 29'Rt		6
112+17, 22'Rt		6
115+57, 23'Rt		6
116+37, 29'Lt	8	
119+71, 29'Rt		6
123+64, 28'Rt		12
125+59, 25'Rt		12
125+66, 25'Rt		12
125+88, 20'Rt		15
126+03, 25'Rt		15
126+27, 25'Rt		4
129+41, 26'Lt	8	
135+70, 25' Rt		8
139+00, 25' Lt	45	
150+80, 29' Lt	6	
150+80, 29' Lt	8	
151+00, 29' Lt	6	
151+25, 29' Lt	6	
151+45, 29' Lt	6	
TOTAL	97	117

TREE REMOVAL (6" TO 15" DIA) SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (INCH DIA) TREE REMOVAL	SRTS (INCH DIA) TREE REMOVAL
B. LOTUS		
240+65, 21'Rt		4
240+72, 21'Rt		6
TOTAL B		10
TOTAL C (MISC.)	28	
TOTAL A + B	25	127

TREE REMOVAL (>15" DIA) SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (INCH DIA) TREE REMOVAL	SRTS (INCH DIA) TREE REMOVAL
A. OAKWOOD		
105+28, 28'Rt		20
107+51, 26'Rt		18
109+70, 27'Lt	20	
120+05, 29'Lt	18	
120+74, 27'Lt	18	
125+68, 23'Rt		18
125+77, 20'Rt		18
125+81, 20'Rt		18
126+42, 20'Rt		24
133+70, 25' Rt		36
152+60, 25' Rt		24
152+90, 25' Rt		24
TOTAL	56	218

TREE REMOVAL (>15" DIA) SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (INCH DIA) TREE REMOVAL	SRTS (INCH DIA) TREE REMOVAL
B. LOTUS		
236+32, 25'rt		20
107+51, 26'Rt		30
TOTAL		50
TOTAL A+B	56	268

HEDGE REMOVAL SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (UNIT) HEDGE REMOVAL	SRTS (UNIT) HEDGE REMOVAL
A. OAKWOOD		
104+50-104+90 Lt	5	
110+50-111+45 Rt		9.5
112+80-113+30 Rt		5
115+30-116+00 Lt	7	
116+30-116+45 Rt		1.5
120+45-120+85 Rt		2
124+25-124+45 Rt		2
127+35-127+70 Rt		3
128+25-128+35 Rt		1
131+50-131+70 Rt		2
132+87-133+00 Lt	1.3	
133+40-133+90 Lt	7	
133+30-133+60 Rt		3
134+10-134+20 Lt	1	
137+40-137+50 Lt	1	
137+70-138+00 Lt	3	
138+10-138+30 Rt		2
140+47-140+87 Rt		4
141+50-142+30 Lt	4	
145+90-146+65 Lt	7.5	
147+10-147+20 Rt		1
147+40-148+00 Rt		6
148+00-148+60 Rt		6
150+40-150+90 Rt		5
150+40-150+60 Lt	1.5	
TOTAL A (OAKWOOD)	38.3	53.0
B. LOTUS		
215+40-215+50 Rt		1
218+57-218+67 Lt		1
224+20-224+30 Lt		1
224+40-224+50 Lt		1
235+70-235+90 Rt		2
236+80-236+90 Rt		1
241+10-241+50 Rt		4
244+10-244+70 Rt		6
TOTAL B (LOTUS)		17.0
C. MISCELLANEOUS		
	1.7	42.0
TOTAL C (MISCELLANEOUS)	1.7	41.0
TOTAL A + B + C	40.0	113.0

SIDEWALK REMOVAL SCHEDULE			
STATION	FUNDING SOURCE		
	CMAQ (SF) SIDEWALK REMOVAL	SRTS (SF) SIDEWALK REMOVAL	
B. LOTUS			
200+15-200+20 Lt		18	
200+15-200+20 Rt		30	
205+57-205+71 Lt		53	
205+84-205+89 Rt		19	
206+24-206+40 Lt		53	
206+90-207+01 Rt		42	
207+78-207+83 Lt		19	
208+23-208+28 Lt		18	
208+24-208+29 Rt		18	
208+38-208+55 Lt		64	
208+84-208+92 Rt		18	
212+18-212+24 Lt		19	
212+39-212+43 Lt		14	
212+73-212+75 Rt		13	
212+92-213+02 Lt		38	
214+16-214+24 Lt		34	
214+54-214+65 Lt		34	
215+99-216+10 Lt		38	
216+95-217+10 Lt		112	
223+10-223+22 Rt		63	
223+38-223+43 Rt		20	
223+78-223+82 Rt		22	
224+03-224+08 Rt		25	
224+18-224+32 Rt		58	
224+43-224+48 Rt		12	
224+81-224+86 Rt		20	
237+95-238+13 Lt		76	
238+43-238+56 Lt		45	
245+91-246+02 Lt		30	
246+37-247+47 Lt		34	
MISC.	15	41	
TOTAL	15	1100	

MAILBOX REMOVAL / RELOCATION SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (EA) MAILBOX REL	SRTS (EA) MAILBOX REL
A. OAKWOOD		
117+65 Rt		1
117+70 Rt		1
122+19 Rt		1
129+46 Rt		1
130+13 Rt		2
130+54 Rt		1
130+75 Rt		1
131+86 Rt		3
136+50 Lt	1	
TOTAL A (OAKWOOD)	1	11
B. LOTUS		
240+26 Rt		2
241+65 Rt		1
241+80 Rt		1
242+30 Rt		2
243+40 Rt		3
244+05 Rt		1
245+35 Rt		1
245+45 Rt		1
245+65 Rt		1
TOTAL B (LOTUS)		13
Total A + B	1	24

FENCE REMOVAL SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ (FT) FENCE REMOVAL	TYPE	SRTS (FT) FENCE REMOVAL	TYPE
A. OAKWOOD				
117+00-117+60 Lt	60	CYCLONE, 4'		
118+00-118+50 Lt	50	CYCLONE, 4'		
125+57-126+32 Lt	75	STOCKADE, 6'		
126+32-127+52 Lt	120	STOCKADE, 6'		
128+60-129+45 Lt	95	STOCKADE, 4'		
140+50-140+90 Rt			40	GUARD RAIL
TOTAL A (OAKWOOD)	400		40	
B. LOTUS				
210+90-211+20 Rt			30	PICKET, 4'
222+23-222+63 Rt			40	PICKET, 4'
TOTAL B (LOTUS)			70	
TOTAL C (MISC.)	35			
TOTAL A + B + C	435		110	

RUSTIC WOOD POST AND RAIL FENCE SCHEDULE		
STATION	FUNDING SOURCE	
	CMAQ (FT) LENGTH	SRTS (FT) LENGTH
A. OAKWOOD		
121+15-122+00 Lt	100	
125+30-127+00 Rt		170
TOTAL	100	170

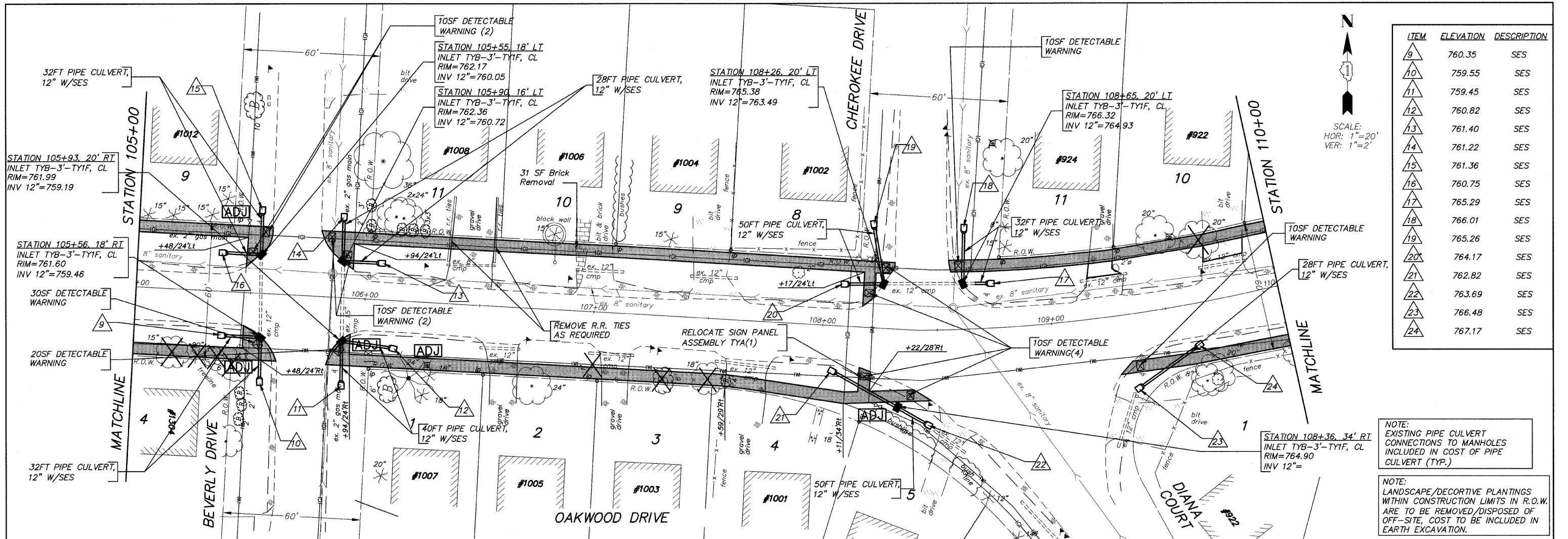
GUARD RAIL REMOVAL/REPLACEMENT SCHEDULE				
STATION	FUNDING SOURCE			
	CMAQ (FT) STEEL PLATE GUARD RAIL TY A AND GUARD RAIL REMOVAL	(EA) TERMINAL TY 1 SPECIAL (TANGENT)	SRTS (FT) STEEL PLATE GUARD RAIL TY A AND GUARD RAIL REMOVAL	(EA) TERMINAL TY 1 SPECIAL (TANGENT)
A. OAKWOOD				
140+50-140+90 Rt			40	2
140+54-140+90 Lt	40	2		
Total	40	2	40	2

THERMOPLASTIC PAVEMENT MARKING SCHEDULE							
STATION	FUNDING SOURCE						
	CMAQ				SRTS		
	4' (FT)	6' (FT)	12' (FT)	24' (FT)	4' (FT)	6' (FT)	12' (FT)
B. LOTUS							
200+14 CI					48		
200+20 CI					35		
200+24 Lt							15
200+49 CI				100			
205+46 CI				100			
205+63 Rt							12
205+81 Lt							14
205+93 Lt				100			
205+97 Lt					47		
205+97 Lt					57		
206+54 Lt							12
206+79 CI				100			
208+72 Lt							10
208+78 Lt					26		
208+78 Lt					26		
208+78 Lt				100			
211+80 Lt							10
211+85 Lt				100			
211+86 Lt					21		
211+86 Lt					25		
214+36 Lt							10
214+41 Lt				100			
214+42 Lt					24		
214+42 Lt					29		
216+91 Rt							10
216+95 CI					24		
216+96 CI					48		
217+01 CI					28		
217+18 Lt							12
217+20 Rt				100			
217+24 Lt				100			
217+25 Lt					32		
217+25 Lt					39		
217+25 Lt					66		
217+27 Rt					31		12
217+28 Rt					38		
217+28 Rt					68		
217+47 CI					24		
217+48 CI				100			
217+50 CI					48		
217+53 CI					22		10
217+59 Lt							10
222+38 CI				100			
222+63 Rt					28		10
222+67 CI					60		
222+70 CI					34		
222+73 CI					34		10
222+88 Lt					26		
222+94 Lt					32		
222+94 Lt				100			
222+96 Rt				100			
223+02 Rt					25		10
223+26 Lt					25		10
222+97 Rt					28		
223+22 CI					25		
223+19 CI					54		
223+16 CI					35		
223+51 CI				100			
237+74 CI				100			
237+99 Rt							11
238+04 CI					24		
238+10 CI					30		
238+23 Lt					25		11
238+28 Lt					34		
238+28 Rt					31		
238+28 Rt					24		
238+29 Lt				100			
238+31 Rt				100			
238+34 Rt							10
238+47 CI					29		
238+53 CI					23		
238+66 CI				100			
245+67 CI				100			
245+97 CI					26		
246+03 CI					35		
246+20 Lt				100			
246+21 Lt					36		
246+21 Lt					29		
246+23 Rt				100			
246+14 Lt							11
246+24 Rt					36		
246+24 Rt					31		
246+30 Rt							13
246+41 CI					34		
246+47 CI					25		
246+77 CI				100			
246+51 Lt							11
TOTAL B (LOTUS)				2200	1281	342	234
TOTAL C (MISC.)		6	8			8	13
TOTAL A + B + C	1700	800	50	225	4800	3270	726

Thermoplastic Pavement Marking Schedule							
Station	Funding Source						
	CMAQ				SRTS		
	4' (FT)	6' (FT)	12' (FT)	24' (FT)	4' (FT)	6' (FT)	12' (FT)
A. OAKWOOD							
102+63 CI						22	
102+66 CI						42	
102+69 CI						24	
102+90 Lt				10			
102+94 Lt	100						
102+95 Lt		20					
102+95 Lt		24					
102+97 Rt				100			
102+98 Rt					29		
102+98 Rt					35		
103+05 Rt							12
103+18 CI					30		
103+21 CI						54	
103+24 CI					28		
105+47 CI					24		
105+50 CI						48	
105+53 CI					31		
105+63 Lt				10			
105+69 Lt		20					
105+68 Lt	100						
105+69 Lt		23					
105+74 Rt				100			
105+73 Rt					25		
105+73 Rt					21		
105+78 Rt							10
105+88 CI					34		
105+92 CI					27	54	
105+94 CI							10
107+86 CI				100			
108+12 Rt							10
108+16 CI					26		
108+22 CI					32		
108+36 Lt				10			
108+41 Lt	100						
108+43 Lt		26					
108+43 Lt		23					
108+55 Lt				10			
108+87 Rt					82		
108+87 Rt					95		
108+97 Rt				100			
109+07 Rt							35
109+09 CI				100			
111+18 Lt				10			
111+23 Lt		31					
111+23 Lt		26					
111+24 Lt	100						
113+43 CI				100			
113+69 Rt							10
113+73 Rt					26		
113+79 Rt					36		
113+88 Lt				10			
113+94 Lt		26					
113+94 Lt		23					
113+96 Lt	100						
113+98 Rt	100						
113+98 Rt					26		
113+98 Rt					23		
114+04 Rt							10
114+19 CI					24		

THERMOPLASTIC PAVEMENT MARKING SCHEDULE							
STATION	FUNDING SOURCE						
	CMAQ				SRTS		
	4' (FT)	6' (FT)	12' (FT)	24' (FT)	4' (FT)	6' (FT)	12' (FT)
A. OAKWOOD							
114+25 CI					22		
114+29 Lt				10			
114+54 CI					100		
116+61 Lt				10			
116+67 Lt				24			
116+67 Lt				22			
116+68 Lt	100						
118+39 Rt					65		
118+39 Rt					76		
118+48 Rt							30
119+41 Lt				10			
119+44 Lt	100						
119+47 Lt		30					
119+47 Lt		24					
120+43 CI				100			
120+68 Rt							10
120+72 CI					20		
120+78 CI					23		
121+15 Rt					55		
121+15 Rt					65		
121+18 Rt				100			
121+28 Rt							18
122+12 Lt				10			
122+18 Lt		23					
122+18 Lt		28					
122+18 Lt	100						
122+55 Lt				10			
122+80 CI				100			
124+94 Lt				8			
124+98 Lt	100						
124+99 Lt		23					
124+99 Lt		19					
127+29 CI				100			
127+54 Rt							10
127+58 CI					20		
127+61 CI					36		
127+64 CI					20		
127+86 Lt				10			
127+92 Lt	100						
127+92 Lt		48					
127+93 Lt		28					
127+93 Lt		24					
128+17 CI					26		
128+21 CI							42
128+23 CI					23		
128+27 Lt				10			
128+52 CI				100			
130+82 Lt				10			
130+87 Lt		25					
130+87 Lt		31					
130+98 Lt	100						
135+14 CI				100			
135+39 Rt							10
135+43 CI					25		
135+49 CI					31		
135+57 Lt				10			
135+63 Lt	100						
135+65 Lt		26					
135+65 Lt		30					

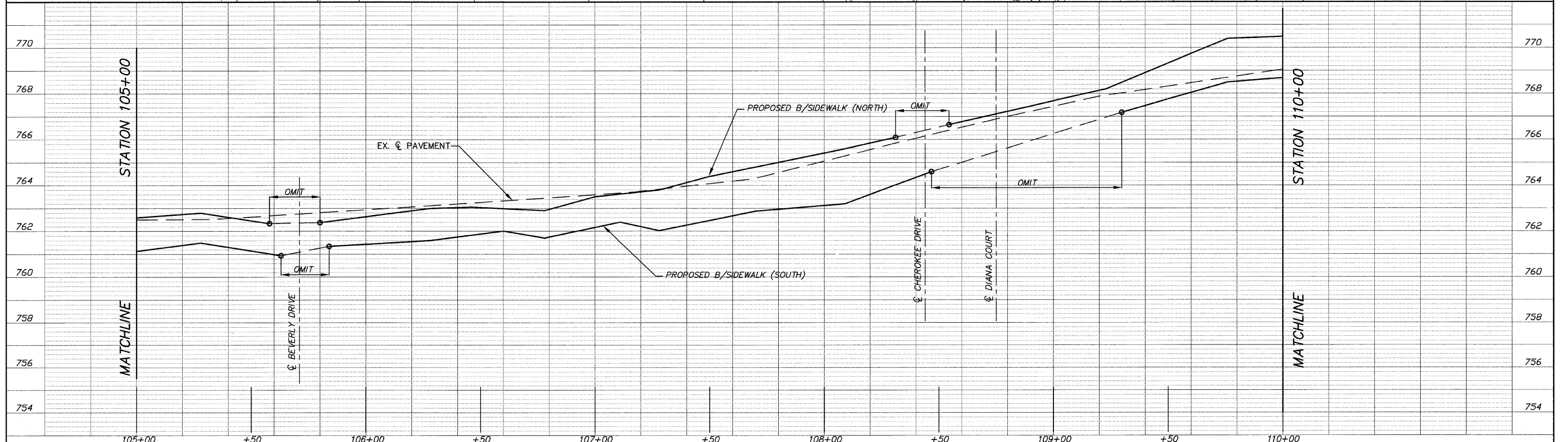
THERMOPLASTIC PAVEMENT MARKING SCHEDULE							
STATION	FUNDING SOURCE						
	CMAQ				SRTS		
	4' (FT)	6' (FT)	12' (FT)	24' (FT)	4' (FT)	6' (FT)	12' (FT)
A. OAKWOOD							
136+00 Rt						34	
136+00 Rt					100		
136+00 Rt						44	
136+02 Rt					100		
136+08 Rt							14
136+15 CI						35	
136+21 CI						32	
136+25 Lt				12			
136+50 CI					100		
139+13 Rt						29	
139+13 Rt						38	
139+13 Rt					100		
139+19 Rt							10
141+86 CI					100		
142+12 Rt							10
142+16 CI						20	
142+22 CI						23	
142+41 Lt				10			
142+47 Lt		23					
142+47 Lt		28					
142+47 Rt					100		
142+48 Lt	100						
142+48 Rt						29	
142+48 Rt						24	
142+52 Rt							10



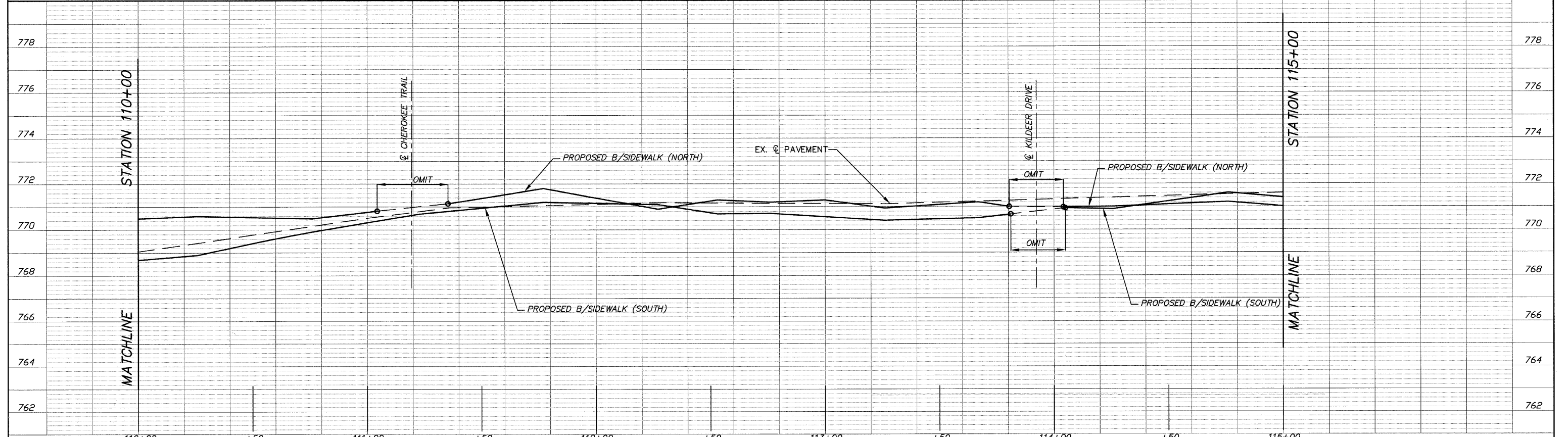
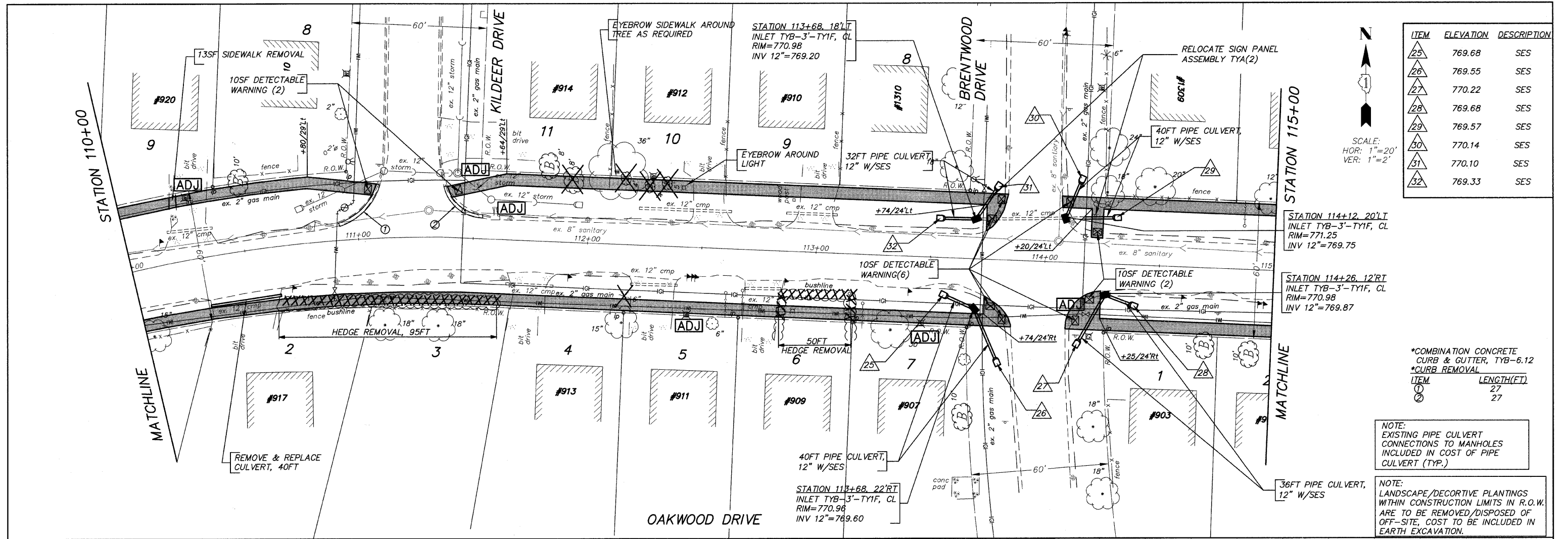
ITEM	ELEVATION	DESCRIPTION
9	760.35	SES
10	759.55	SES
11	759.45	SES
12	760.82	SES
13	761.40	SES
14	761.22	SES
15	761.36	SES
16	760.75	SES
17	765.29	SES
18	766.01	SES
19	765.26	SES
20	764.17	SES
21	762.82	SES
22	763.69	SES
23	766.48	SES
24	767.17	SES

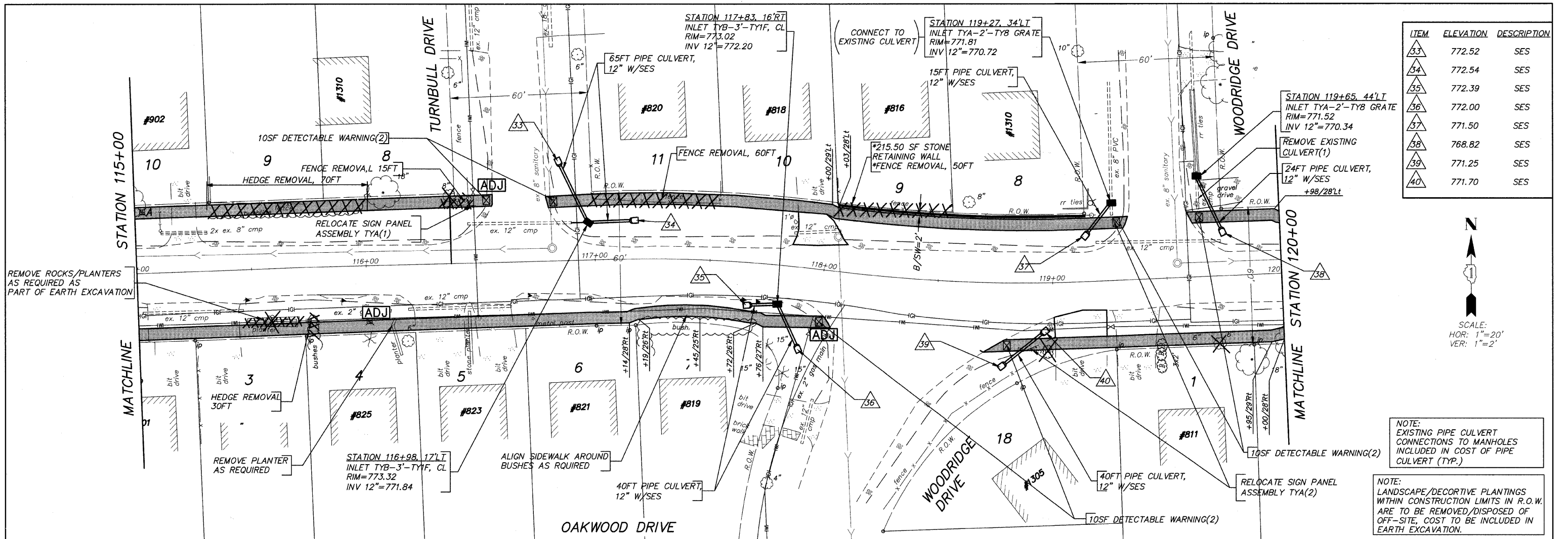
NOTE: EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE: LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.

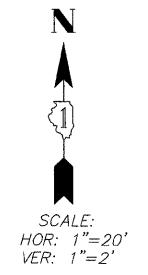


FILE NAME = 10258804.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME =	DRAWN -- EC	REVISED --			---	08-00062-00-SW	LAKE	73	13	
	PLOT SCALE =	CHECKED -- RJD	REVISED --			SCALE: 1"=20' SHEET NO. 13 OF 73 SHEETS STA. 105+00 TO STA. 110+00					
	PLOT DATE =	DATE -- 10/02/09	REVISED --			CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT					



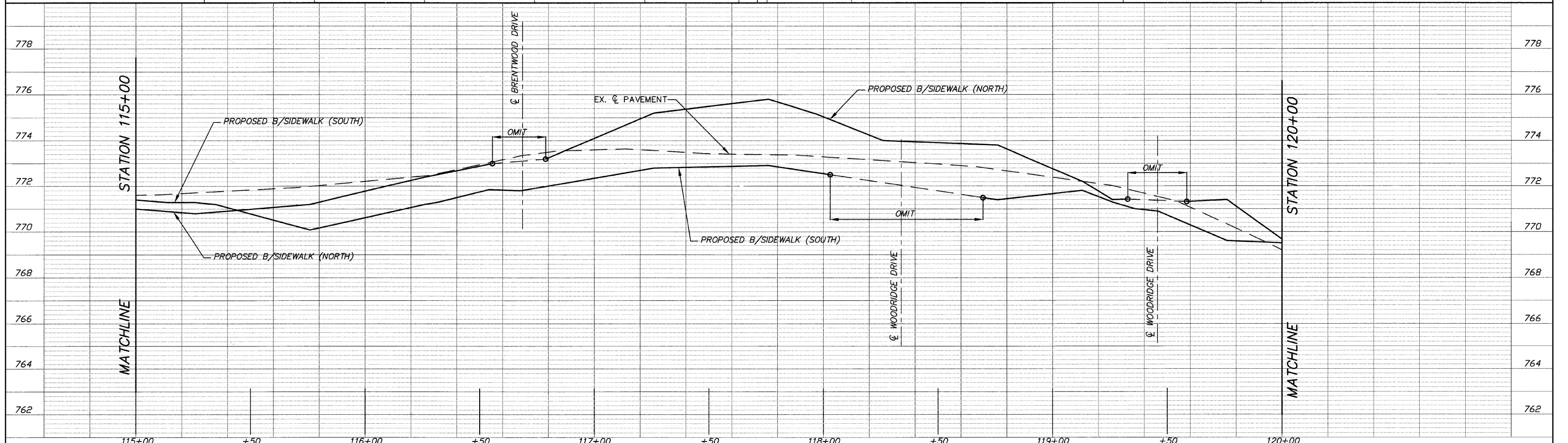


ITEM	ELEVATION	DESCRIPTION
33	772.52	SES
34	772.54	SES
35	772.39	SES
36	772.00	SES
37	771.50	SES
38	768.82	SES
39	771.25	SES
40	771.70	SES

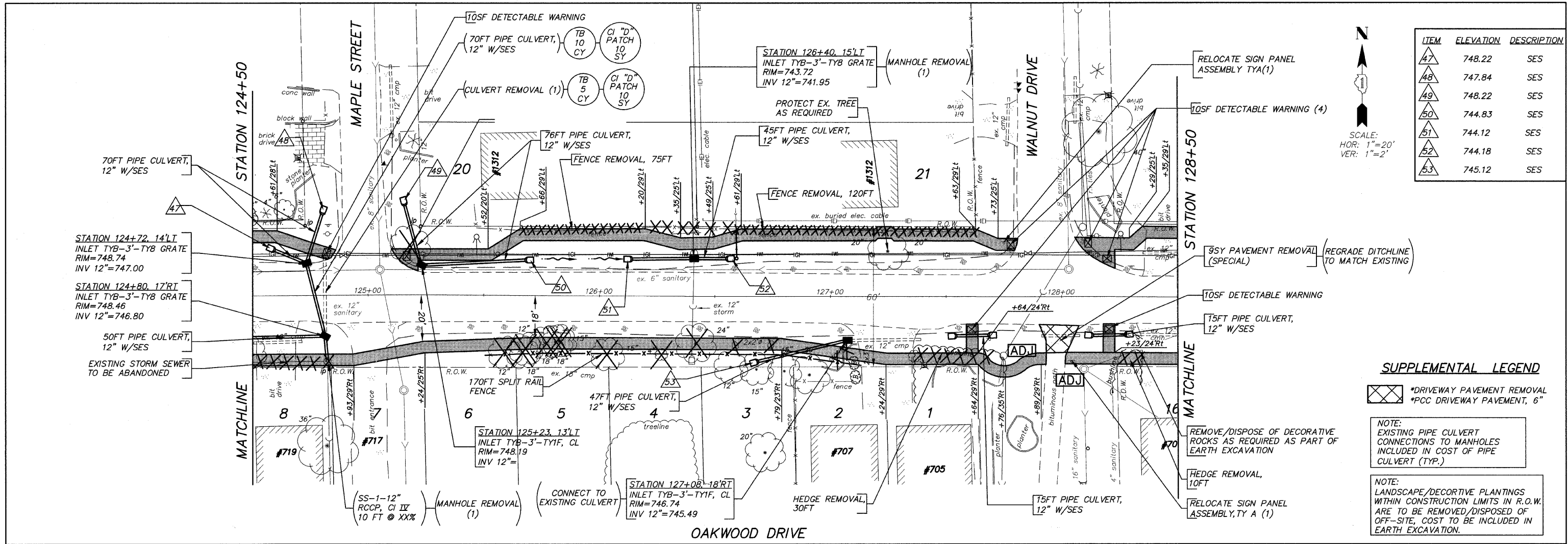


NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258804.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE. ---	SECTION 08-00062-00-SW	COUNTY LAKE	TOTAL SHEETS 73	SHEET NO. 15	CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT
	PLOT SCALE =	CHECKED -- RJD	REVISED --			SCALE: 1"=20'	SHEET NO. 15 OF 73 SHEETS	STA. 115+00 TO STA. 120+00			
	PLOT DATE =	DATE -- 10/02/09	REVISED --								



ITEM	ELEVATION	DESCRIPTION
47	748.22	SES
48	747.84	SES
49	748.22	SES
50	744.83	SES
51	744.12	SES
52	744.18	SES
53	745.12	SES

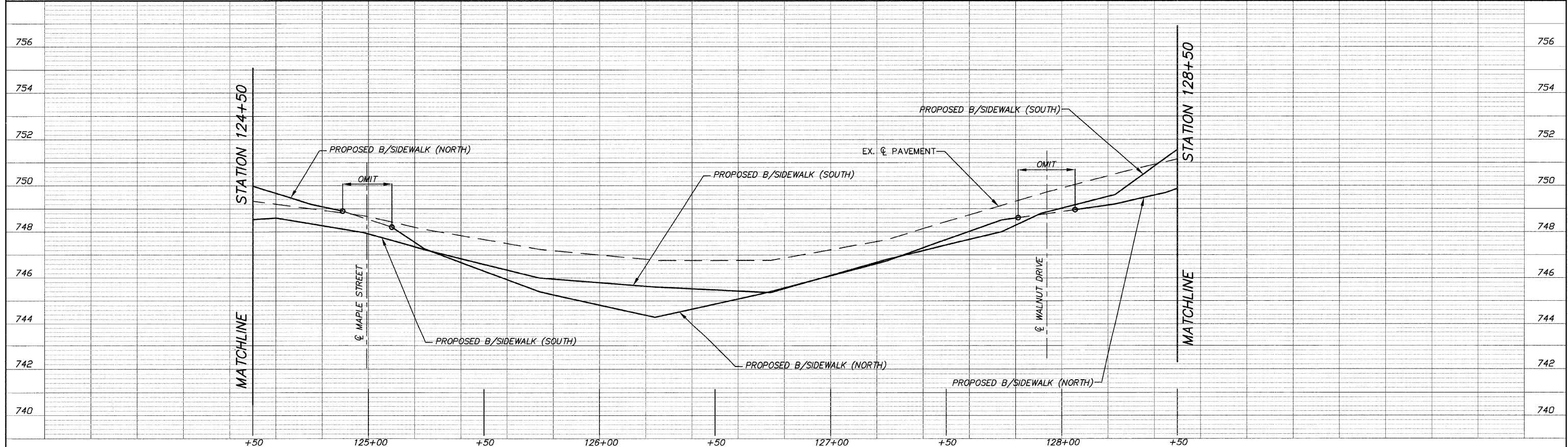
SCALE:
HOR: 1"=20'
VER: 1"=2'

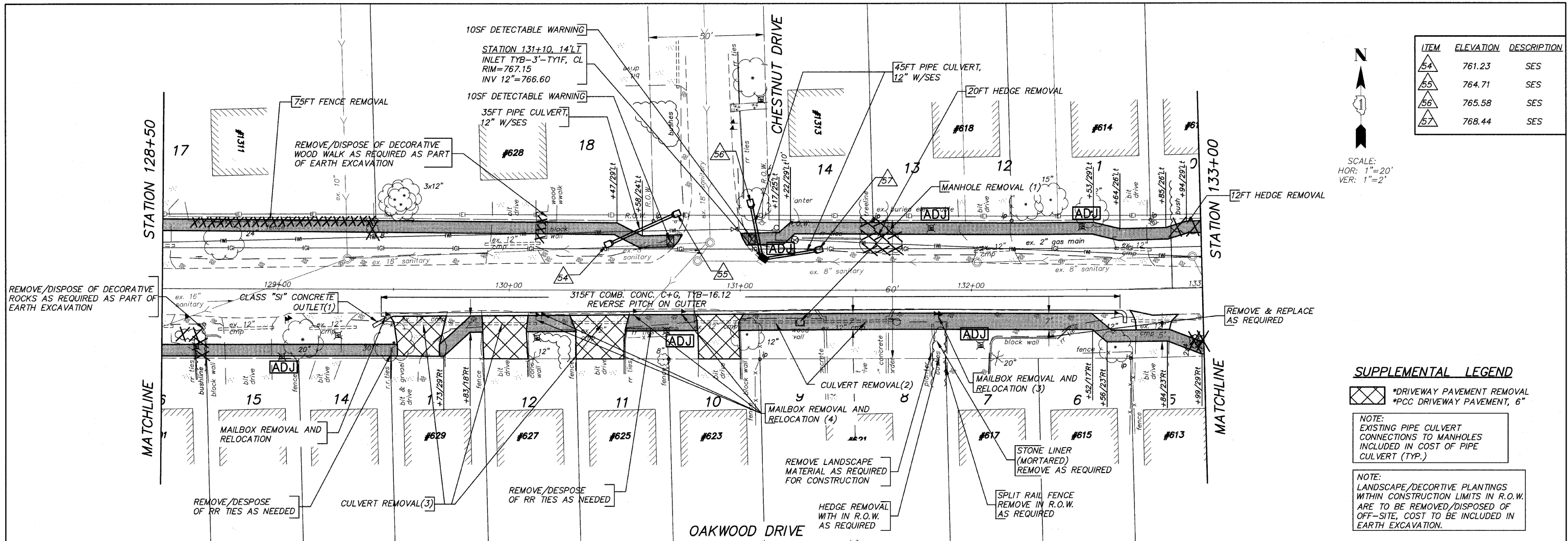
SUPPLEMENTAL LEGEND

- *DRIVEWAY PAVEMENT REMOVAL
- *PCC DRIVEWAY PAVEMENT, 6"

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.





ITEM	ELEVATION	DESCRIPTION
54	761.23	SES
55	764.71	SES
56	765.58	SES
57	768.44	SES

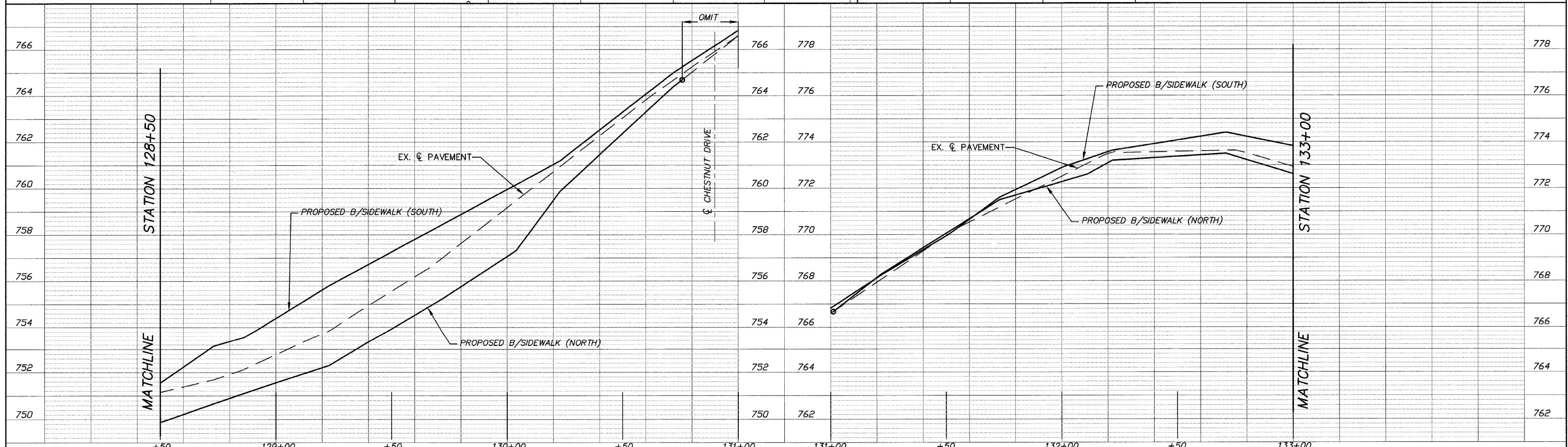
SCALE:
HOR: 1"=20'
VER: 1"=2'

SUPPLEMENTAL LEGEND

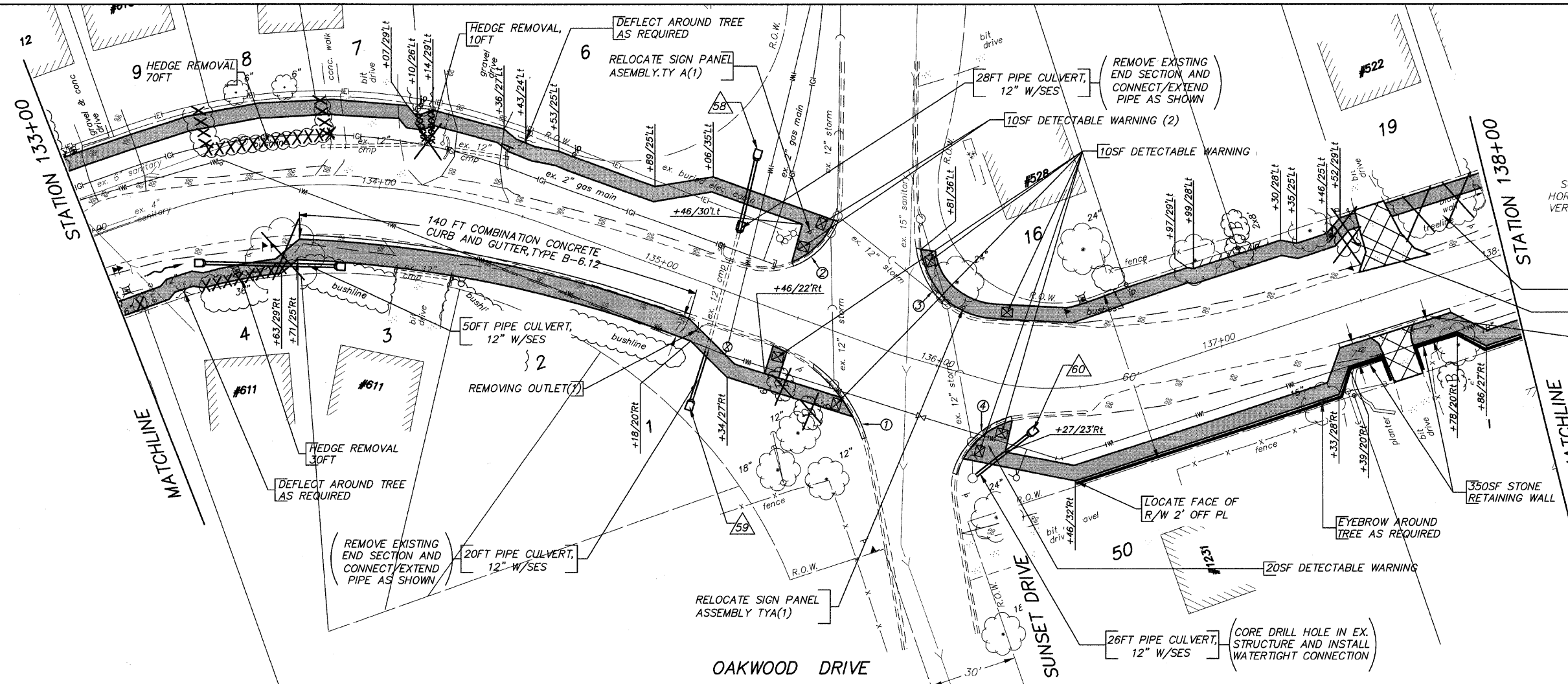
- *DRIVEWAY PAVEMENT REMOVAL
- *PCC DRIVEWAY PAVEMENT, 6"

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258804.DWG	USER NAME =	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME =	DRAWN - EC	REVISED -			---	08-00062-00-SW	LAKE	73	18	
	PLOT SCALE =	CHECKED - RJD	REVISED -			CONTRACT NO. 63280					
	PLOT DATE =	DATE - 10/02/09	REVISED -			ILLINOIS FED. AID PROJECT					



ITEM	ELEVATION	DESCRIPTION
58	765.91	SES
59	764.54	SES
60	768.29	SES

SCALE:
HOR: 1"=20'
VER: 1"=2'

30FT HEDGE REMOVAL
10FT HEDGE REMOVAL
40 FT CONCRETE CURB & GUTTER TYPE B-6.12

*COMBINATION CONCRETE CURB & GUTTER, TYB-6.12
*CURB REMOVAL

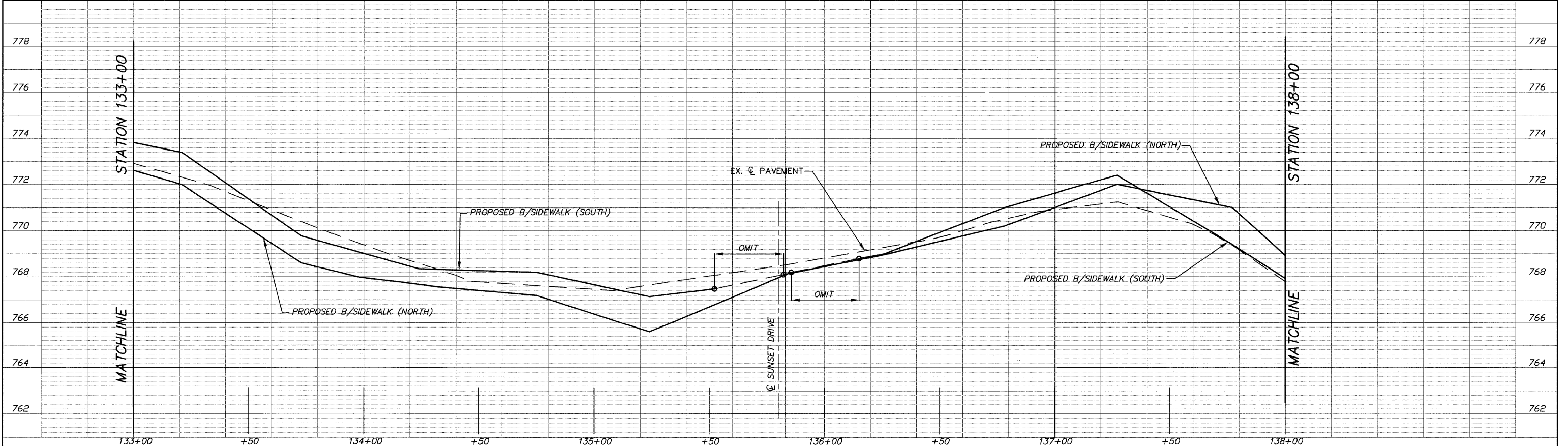
ITEM	LENGTH(FT)
1	30
2	25
3	25
4	25

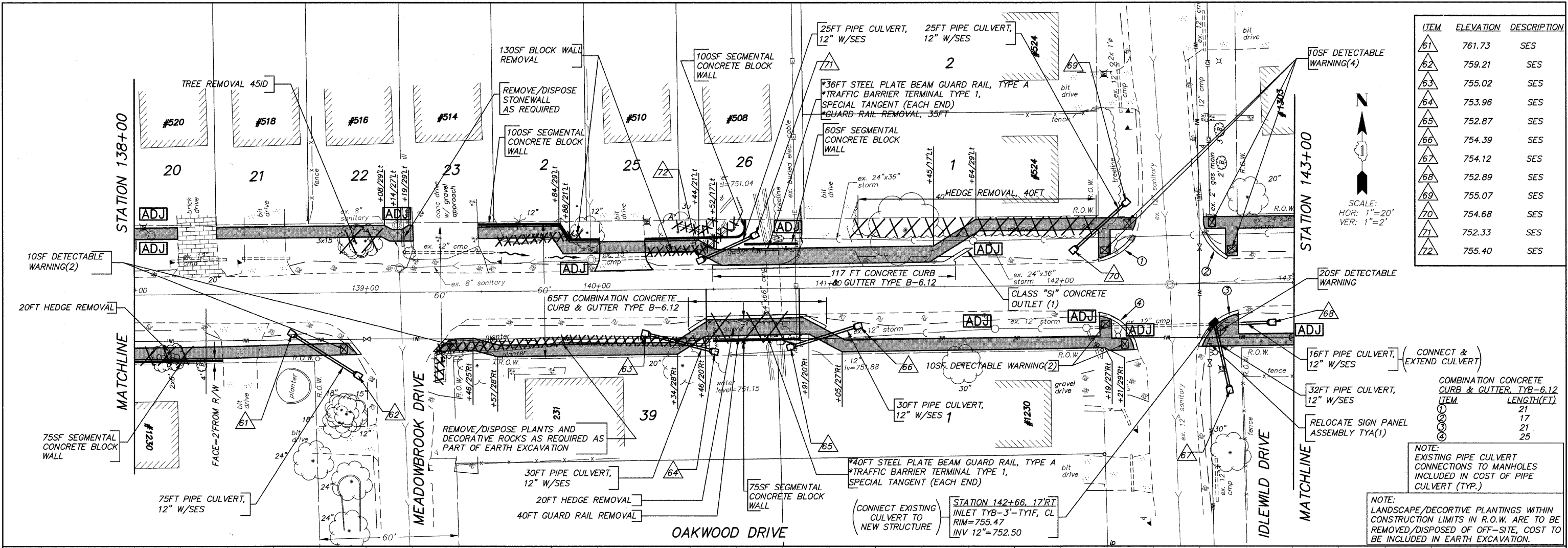
SUPPLEMENTAL LEGEND

☒ *DRIVEWAY PAVEMENT REMOVAL
☒ *PCC DRIVEWAY PAVEMENT, 6"

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.





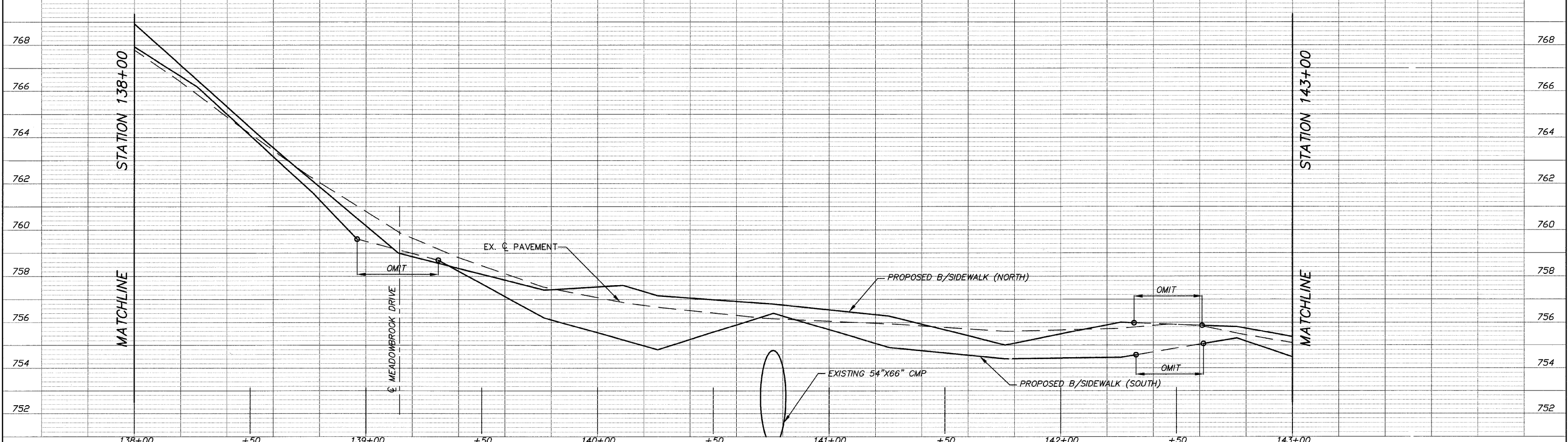
ITEM	ELEVATION	DESCRIPTION
61	761.73	SES
62	759.21	SES
63	755.02	SES
64	753.96	SES
65	752.87	SES
66	754.39	SES
67	754.12	SES
68	752.89	SES
69	755.07	SES
70	754.68	SES
71	752.33	SES
72	755.40	SES

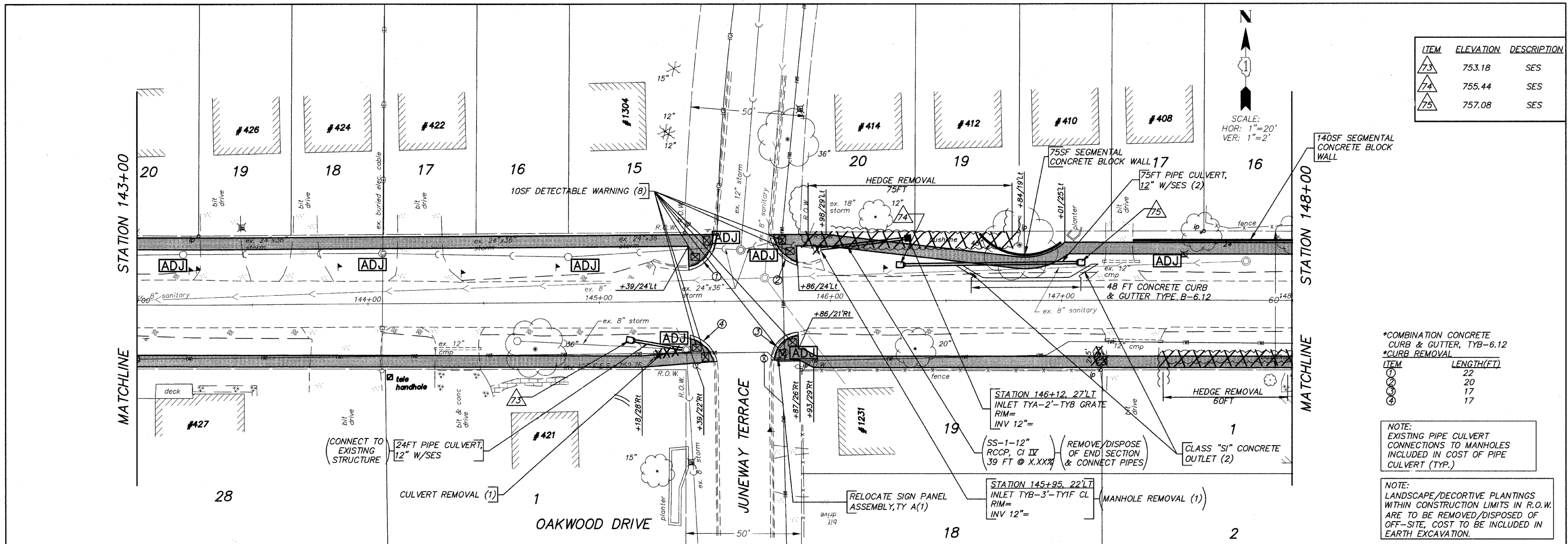
SCALE:
HOR: 1"=20'
VER: 1"=2'

COMBINATION CONCRETE CURB & GUTTER, TYB-6.12	ITEM	LENGTH(FT)
1	17	
2	21	
3	21	
4	25	

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.





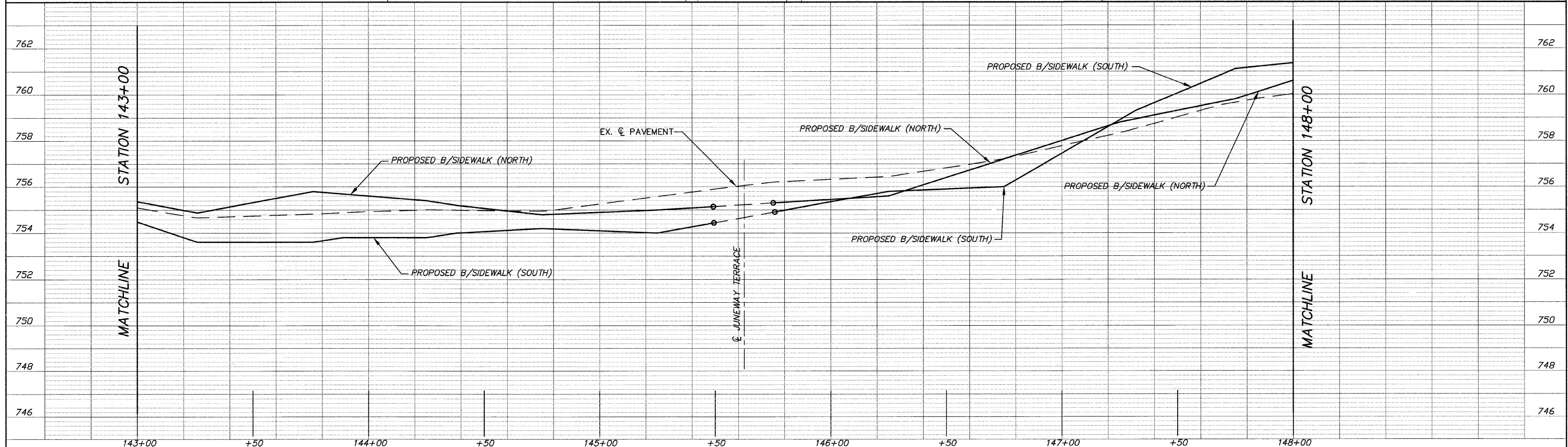
ITEM	ELEVATION	DESCRIPTION
73	753.18	SES
74	755.44	SES
75	757.08	SES

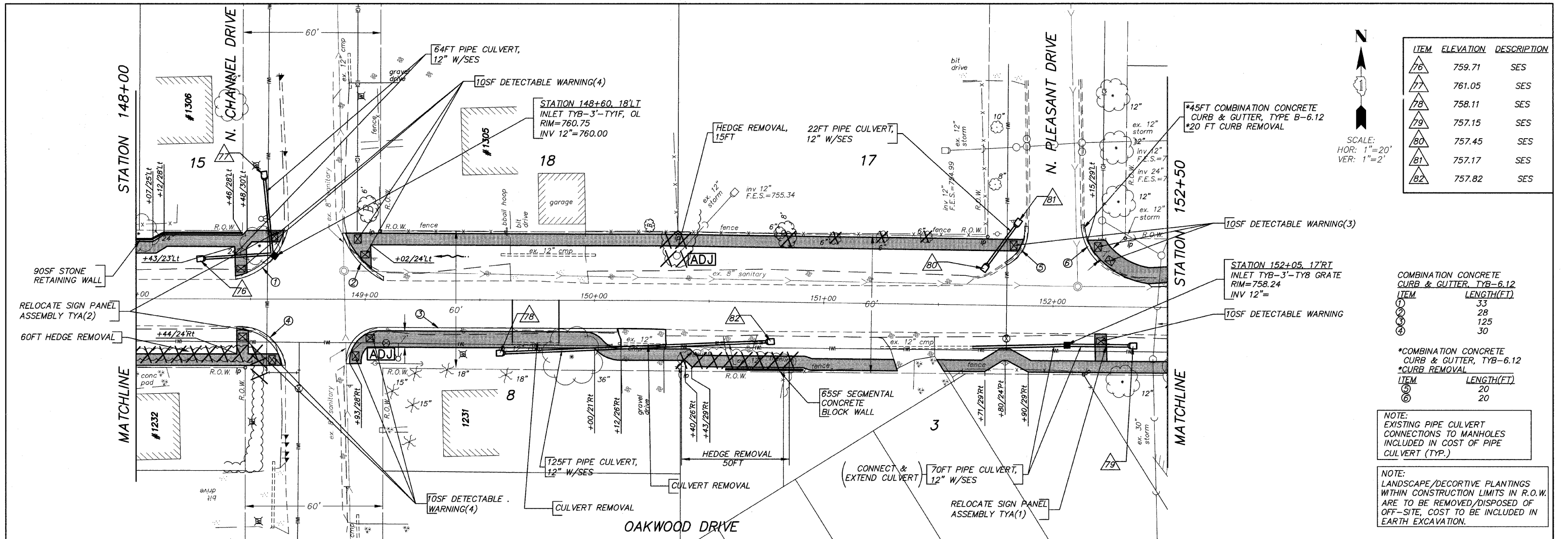
*COMBINATION CONCRETE CURB & GUTTER, TYB-6.12
 *CURB REMOVAL

ITEM	LENGTH(FT)
1	22
2	20
3	17
4	17

NOTE:
 EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
 LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.





ITEM	ELEVATION	DESCRIPTION
76	759.71	SES
77	761.05	SES
78	758.11	SES
79	757.15	SES
80	757.45	SES
81	757.17	SES
82	757.82	SES

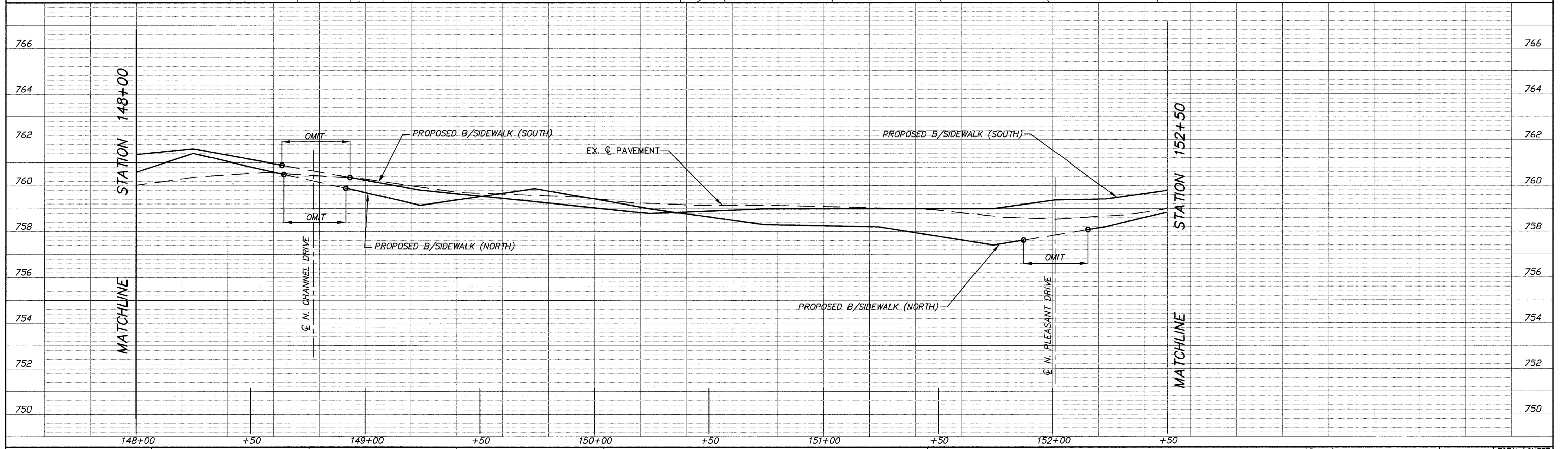
SCALE:
HOR: 1"=20'
VER: 1"=2'

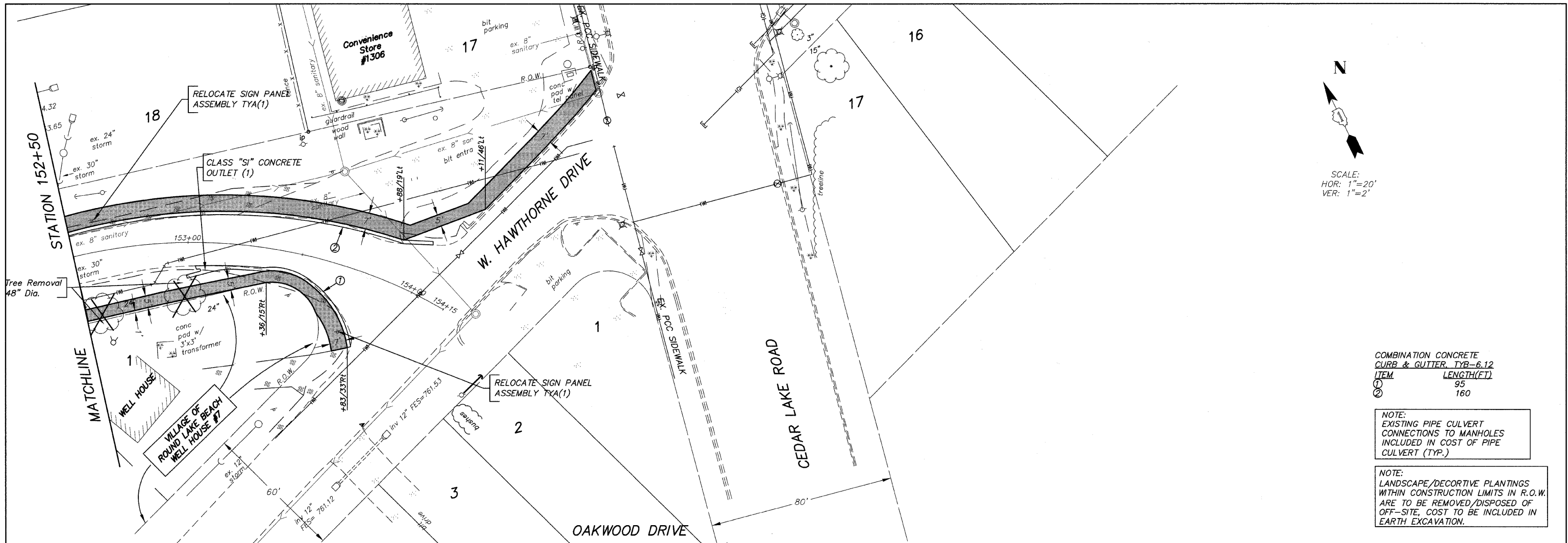
COMBINATION CONCRETE CURB & GUTTER, TYB-6.12	
ITEM	LENGTH(FT)
1	33
2	28
3	125
4	30

*COMBINATION CONCRETE CURB & GUTTER, TYB-6.12 *CURB REMOVAL	
ITEM	LENGTH(FT)
5	20
6	20

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.





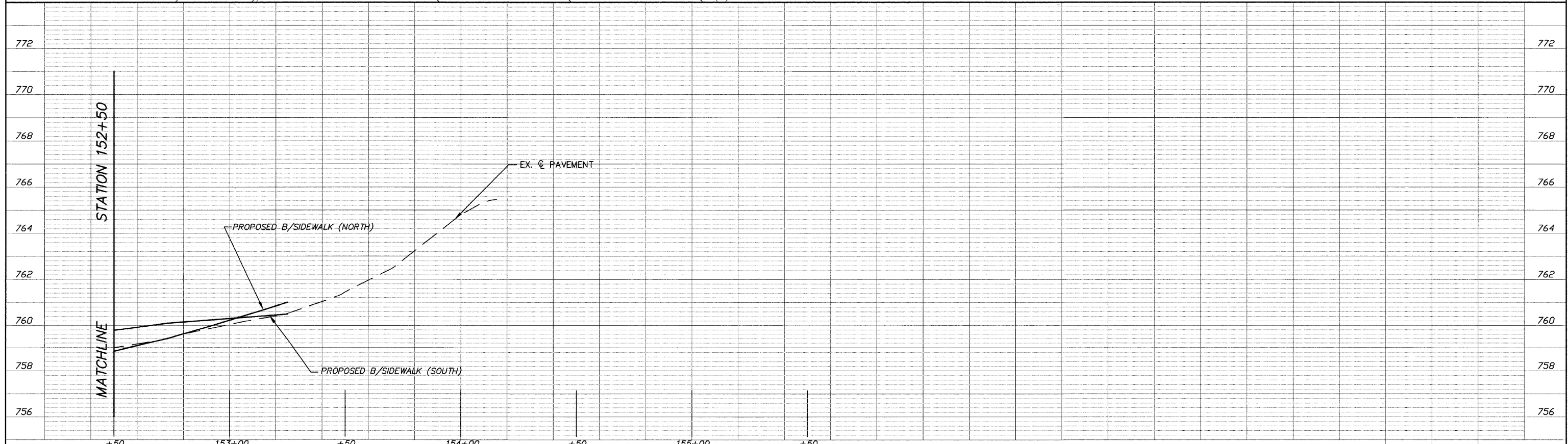
N
 SCALE:
 HOR: 1"=20'
 VER: 1"=2'

COMBINATION CONCRETE CURB & GUTTER TYB-6.12

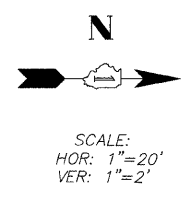
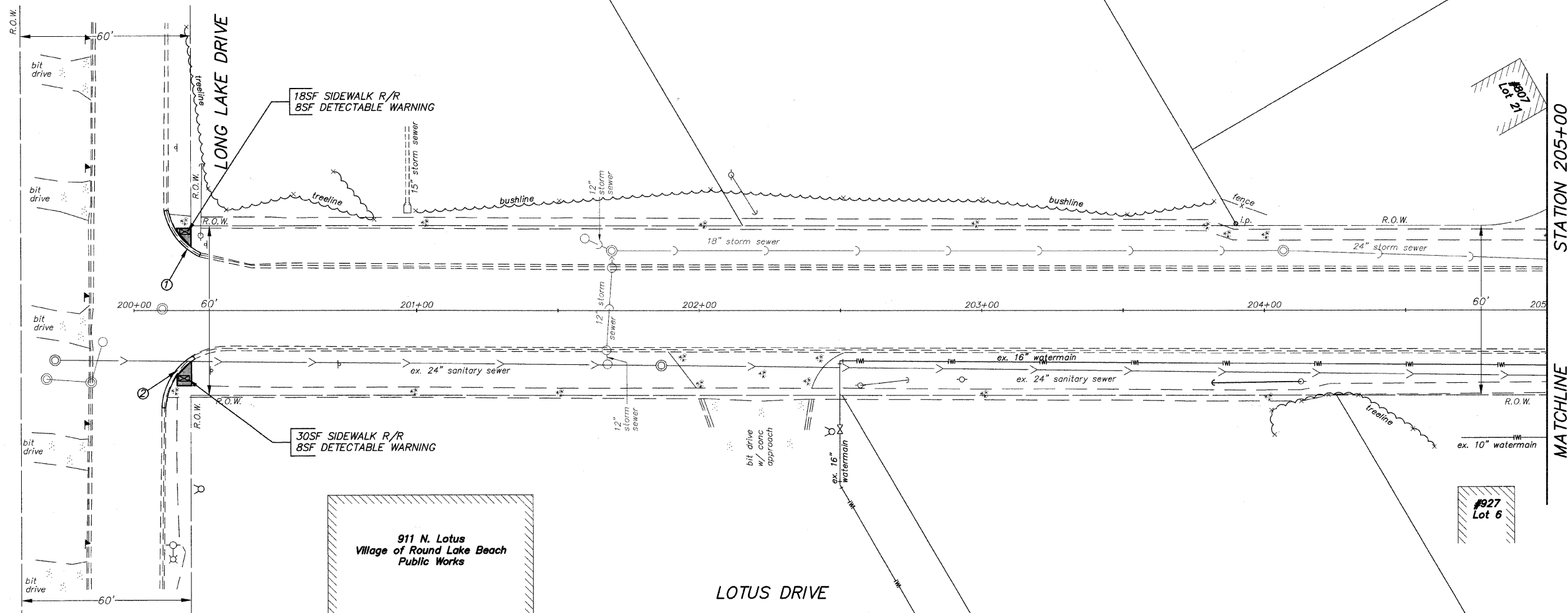
ITEM	LENGTH(FT)
①	95
②	160

NOTE:
 EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
 LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258804.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE. ---	SECTION 08-00062-00-SW	COUNTY LAKE	TOTAL SHEETS 73	SHEET NO. 23	
	FILE NAME =	DRAWN -- EC	REVISED --			SCALE: 1"=20'	SHEET NO. 23 OF 73 SHEETS	STA. 152+50 TO STA. 154+15	CONTRACT NO. 63280		
	PLOT SCALE =	CHECKED -- RJD	REVISED --			ILLINOIS FED. AID PROJECT					
	PLOT DATE =	DATE -- 10/02/09	REVISED --								

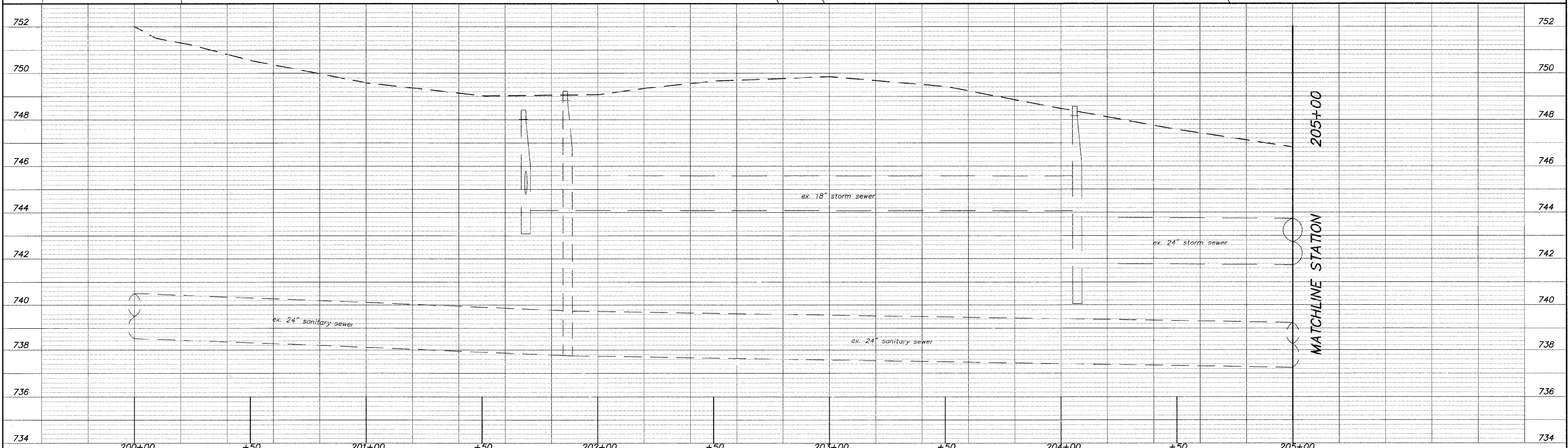


*COMBINATION CONCRETE CURB & GUTTER, TYB-6.12
 *CURB REMOVAL

ITEM	LENGTH(FT)
①	20
②	21

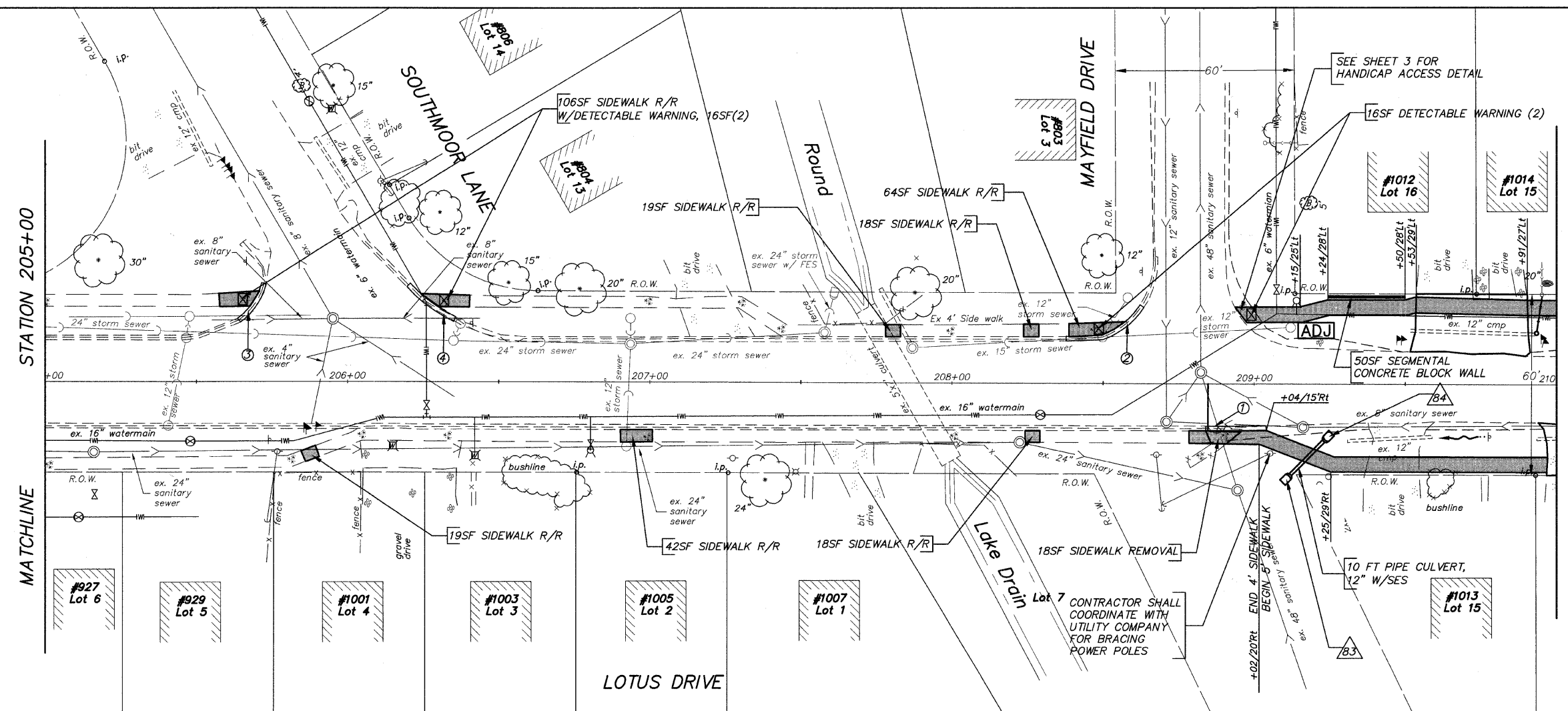
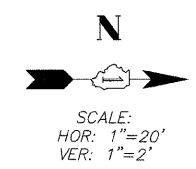
NOTE:
 EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
 LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258805.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME =	DRAWN -- EC	REVISED --			---	08-00062-00-SW	LAKE	73	24	
	PLOT SCALE =	CHECKED -- RJD	REVISED --			SCALE: 1"=20' SHEET NO. 24 OF 73 SHEETS STA. 200+00 TO STA. 205+00					
	PLOT DATE =	DATE -- 10/02/09	REVISED --			CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT					

ITEM	ELEVATION	DESCRIPTION
△B3	745.39	SES
△B4	745.73	SES

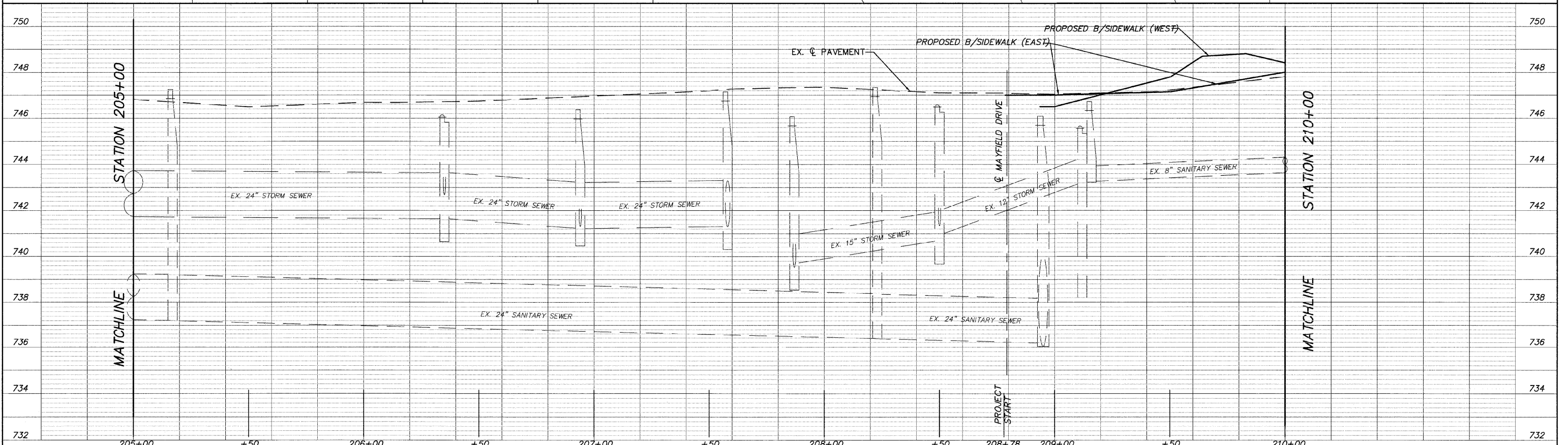


*COMBINATION CONCRETE CURB & GUTTER, TYB-6.12
*CURB REMOVAL

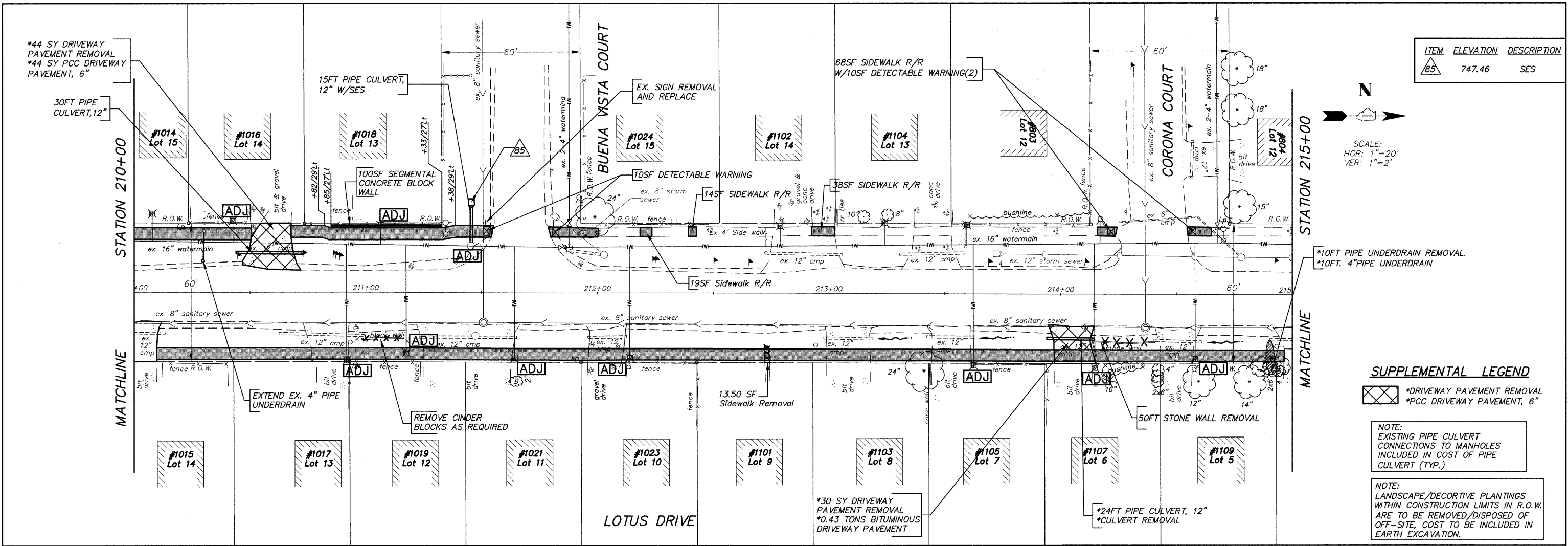
ITEM	LENGTH(FT)
①	20
②	30
③	15
④	20

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258805.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE. ---	SECTION 08-00062-00-SW	COUNTY LAKE	TOTAL SHEETS 73	SHEET NO. 25
	FILE NAME =	DRAWN -- EC	REVISED --			SCALE: 1"=20'	SHEET NO. 25 OF 73 SHEETS	STA. 205+00 TO STA. 210+00	CONTRACT NO. 63280	
	PLOT SCALE =	CHECKED -- RJD	REVISED --			ILLINOIS FED. AID PROJECT				
	PLOT DATE =	DATE -- 10/02/09	REVISED --							



ITEM	ELEVATION	DESCRIPTION
85	747.46	SES

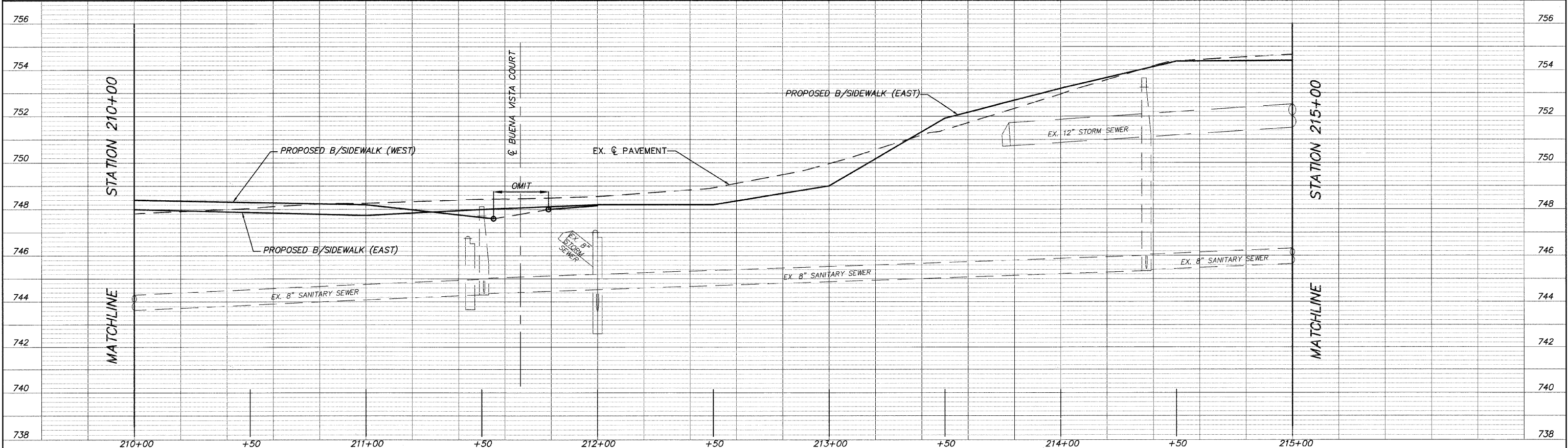
SCALE:
HOR: 1"=20'
VER: 1"=2'

SUPPLEMENTAL LEGEND

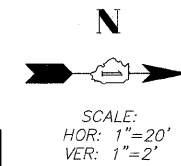
- *DRIVEWAY PAVEMENT REMOVAL
- *PCC DRIVEWAY PAVEMENT, 6"

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258805.DWG	USER NAME =	DESIGNED — RJD	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE. =	SECTION = 08-00062-00-SW	COUNTY = LAKE	TOTAL SHEETS = 73	SHEET NO. = 26		
	FILE NAME =	DRAWN — EC	REVISED —			SCALE: 1"=20'	SHEET NO. 26 OF 73 SHEETS	STA. 210+00 TO STA. 215+00	CONTRACT NO. 63280			
	PLOT SCALE =	CHECKED — RJD	REVISED —			ILLINOIS FED. AID PROJECT						
	PLOT DATE =	DATE — 10/02/09	REVISED —									



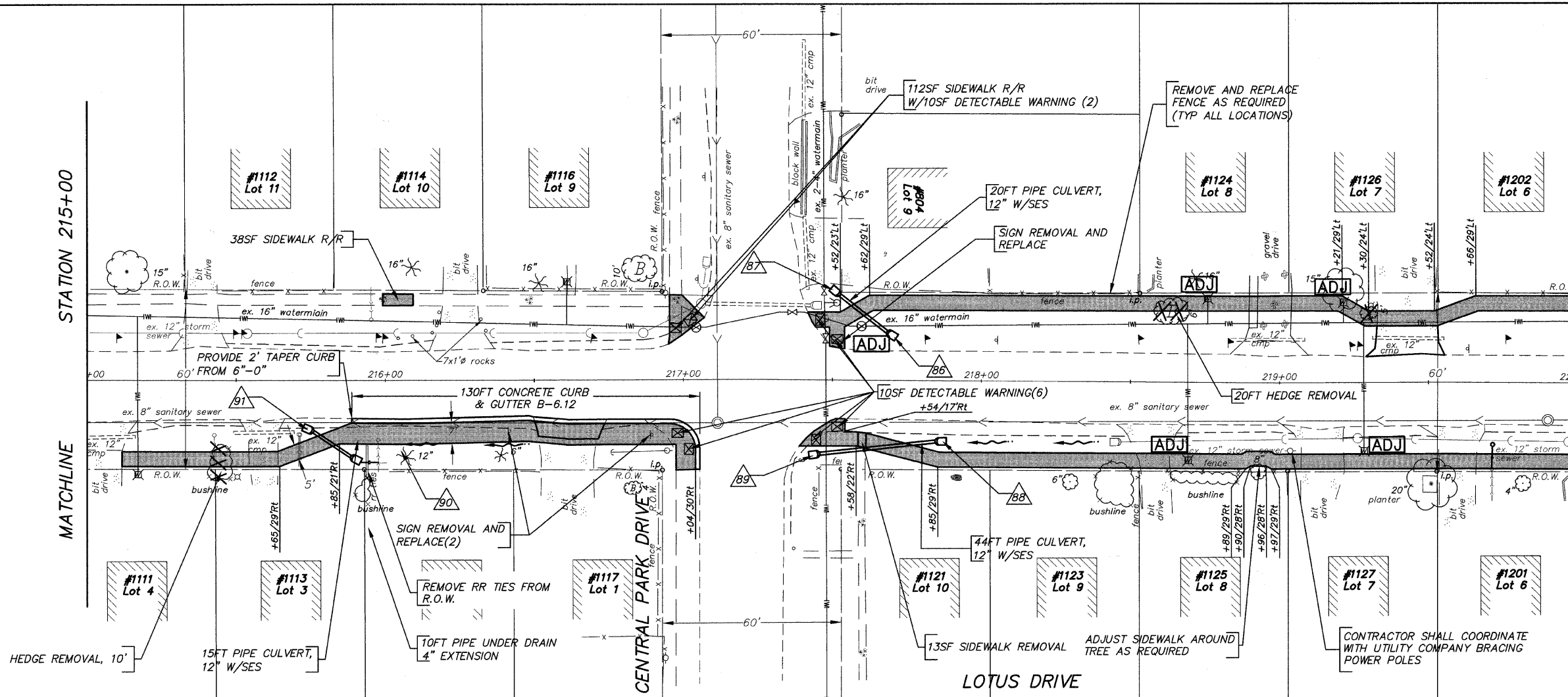
ITEM	ELEVATION	DESCRIPTION
86	754.15	SES
87	753.92	SES
88	753.75	SES
89	754.49	SES
90	754.40	SES
91	754.19	SES

STATION 215+00

STATION 220+00

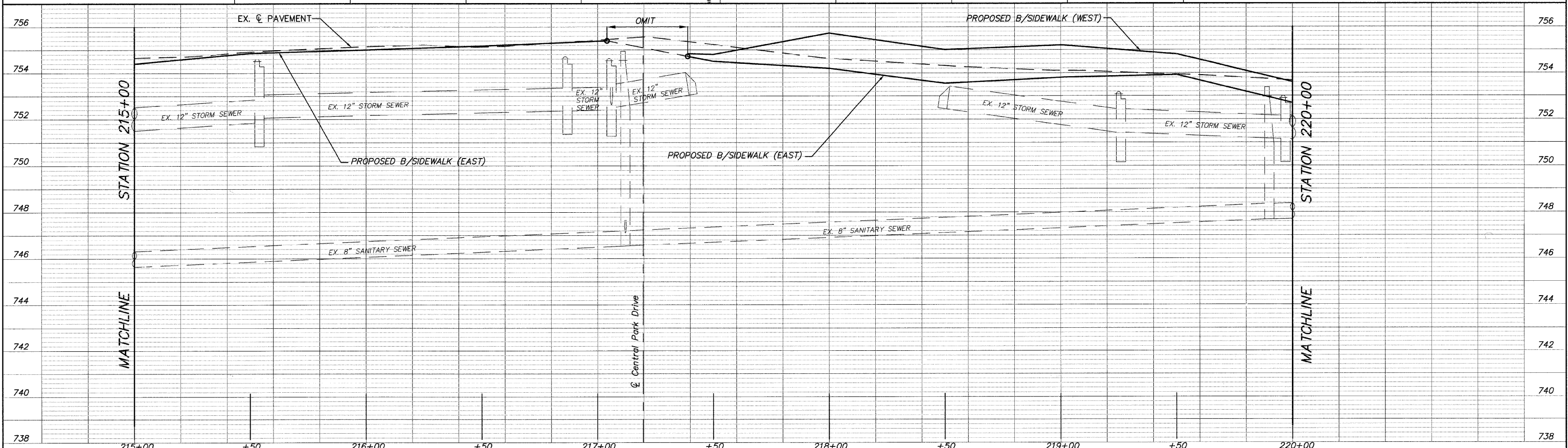
MATCHLINE

MATCHLINE

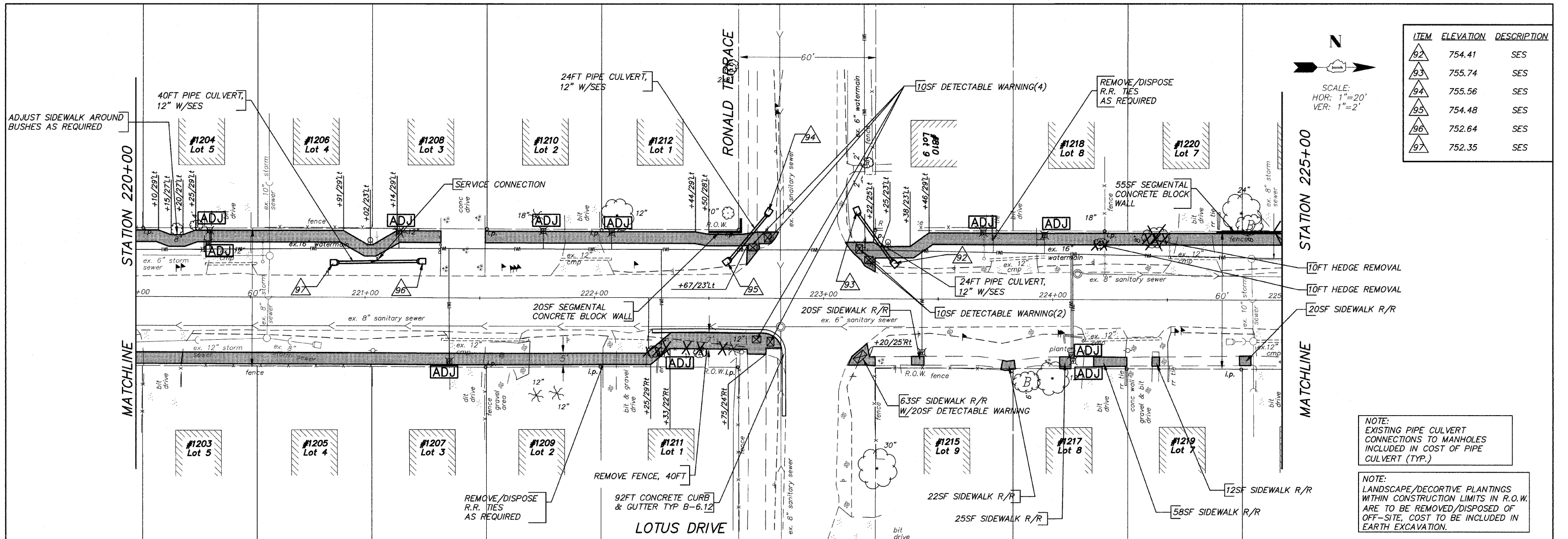


NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



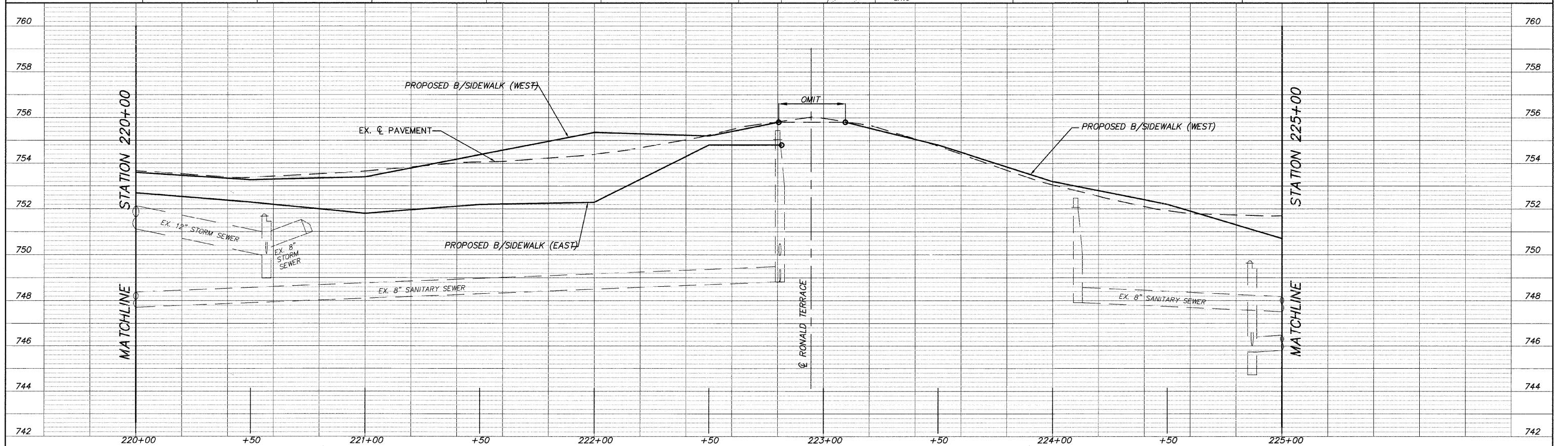
FILE NAME = 10258805.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME =	DRAWN -- EC	REVISED --			---	08-00062-00-SW	LAKE	73	27	
	PLOT SCALE =	CHECKED -- RJD	REVISED --			SCALE: 1"=20' SHEET NO. 27 OF 73 SHEETS STA. 215+00 TO STA. 220+00					
	PLOT DATE =	DATE -- 10/02/09	REVISED --			ILLINOIS FED. AID PROJECT CONTRACT NO. 63280					

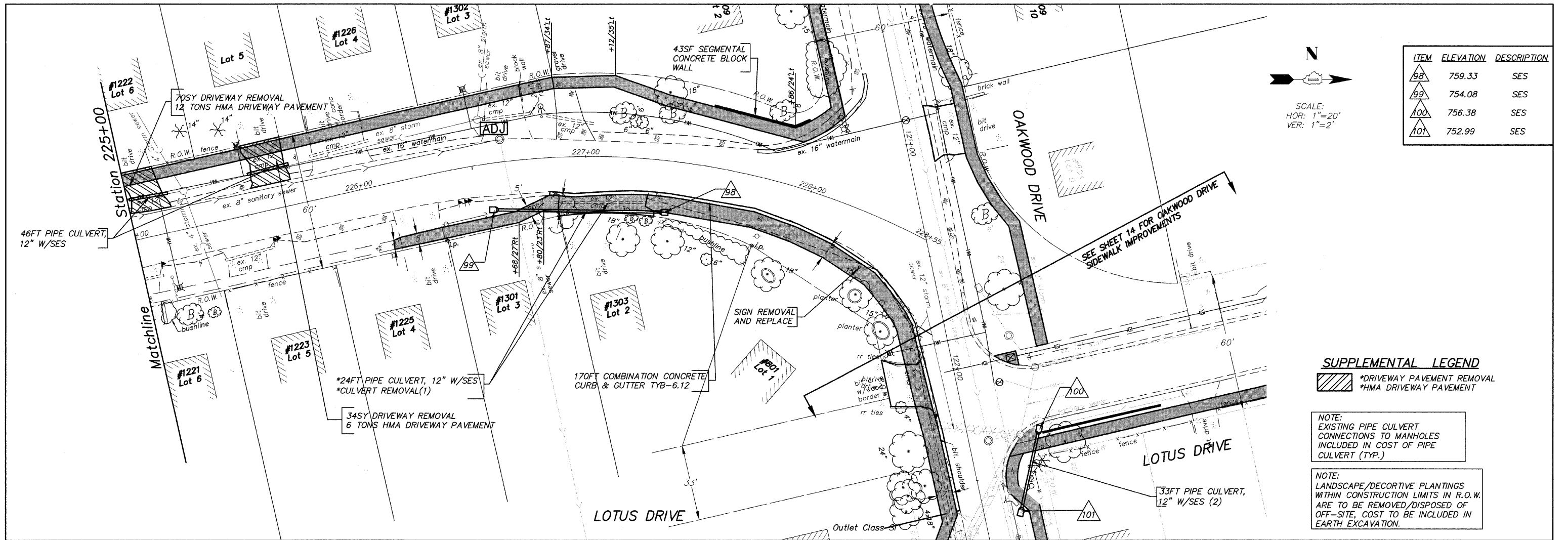


ITEM	ELEVATION	DESCRIPTION
92	754.41	SES
93	755.74	SES
94	755.56	SES
95	754.48	SES
96	752.64	SES
97	752.35	SES

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.





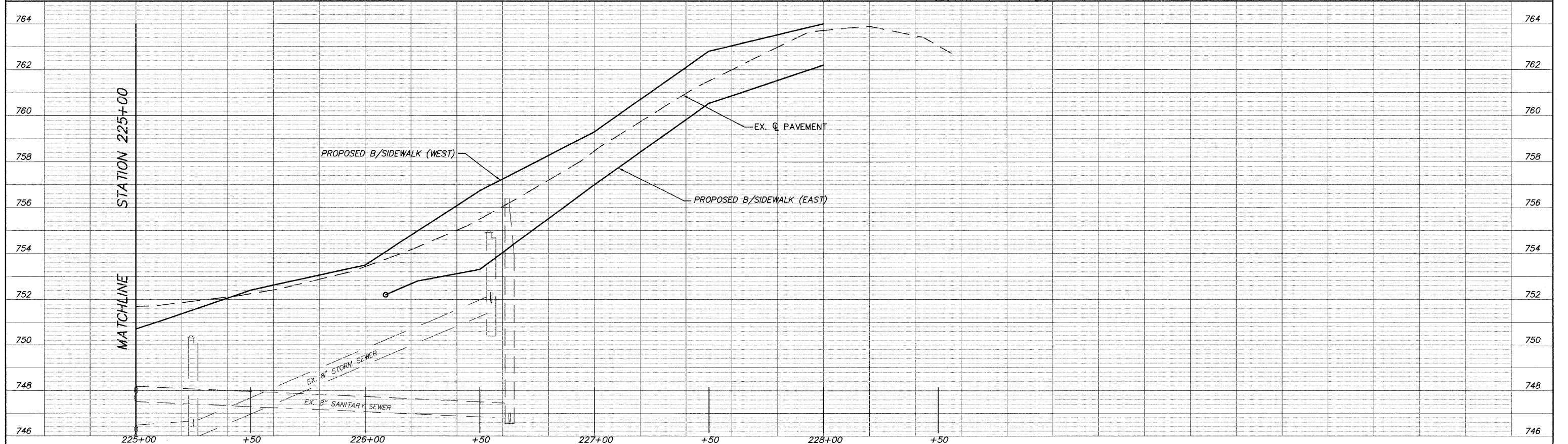
ITEM	ELEVATION	DESCRIPTION
98	759.33	SES
99	754.08	SES
100	756.38	SES
101	752.99	SES

SUPPLEMENTAL LEGEND

- *DRIVEWAY PAVEMENT REMOVAL
- *HMA DRIVEWAY PAVEMENT

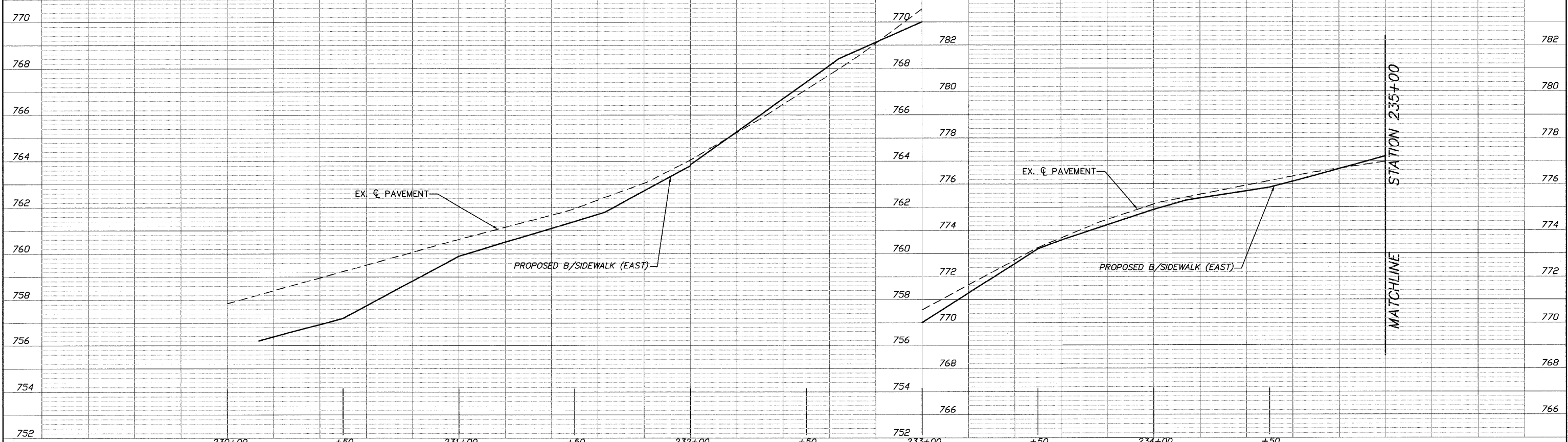
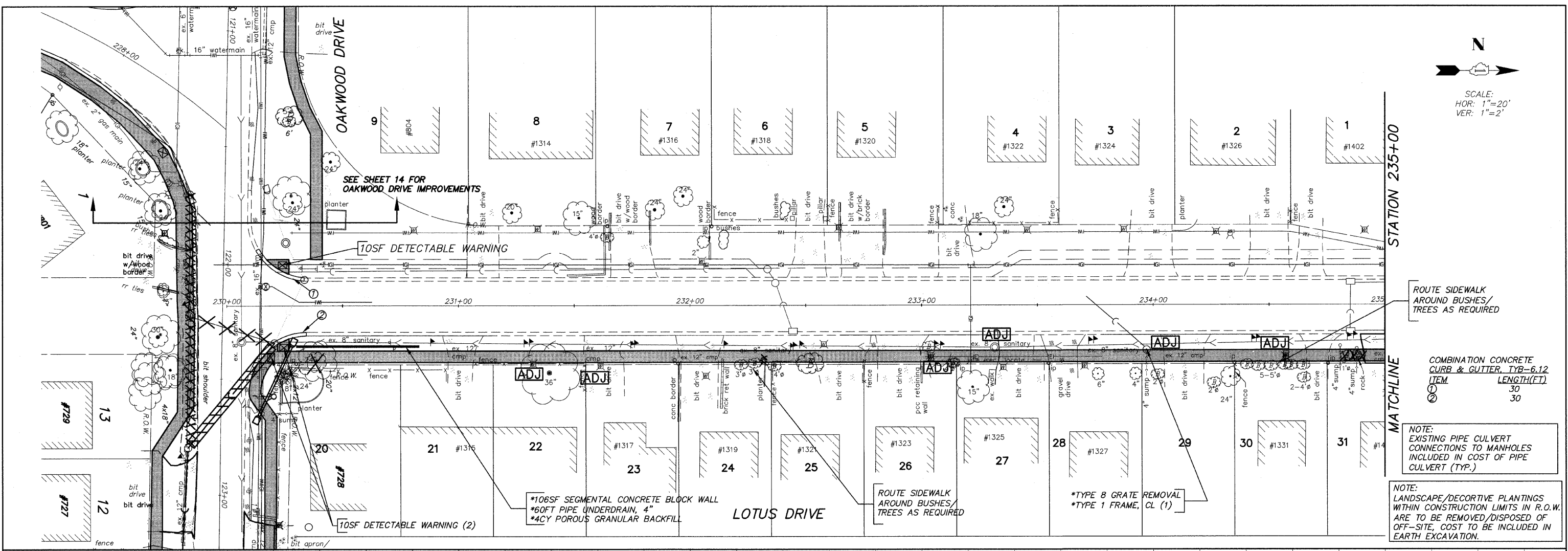
NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE:
LANDSCAPE/DECORATIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



FILE NAME = 10258805.DWG	USER NAME =	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME =	DRAWN - EC	REVISED -			---	08-00062-00-SW	LAKE	73	29
	PLOT SCALE =	CHECKED - RJD	REVISED -			SCALE: 1"=20'	SHEET NO. 29 OF 73 SHEETS	CONTRACT NO. 63280		ILLINOIS FED. AID PROJECT
	PLOT DATE =	DATE - 10/02/09	REVISED -			STA. 225+00 TO STA. 228+55				

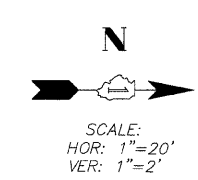
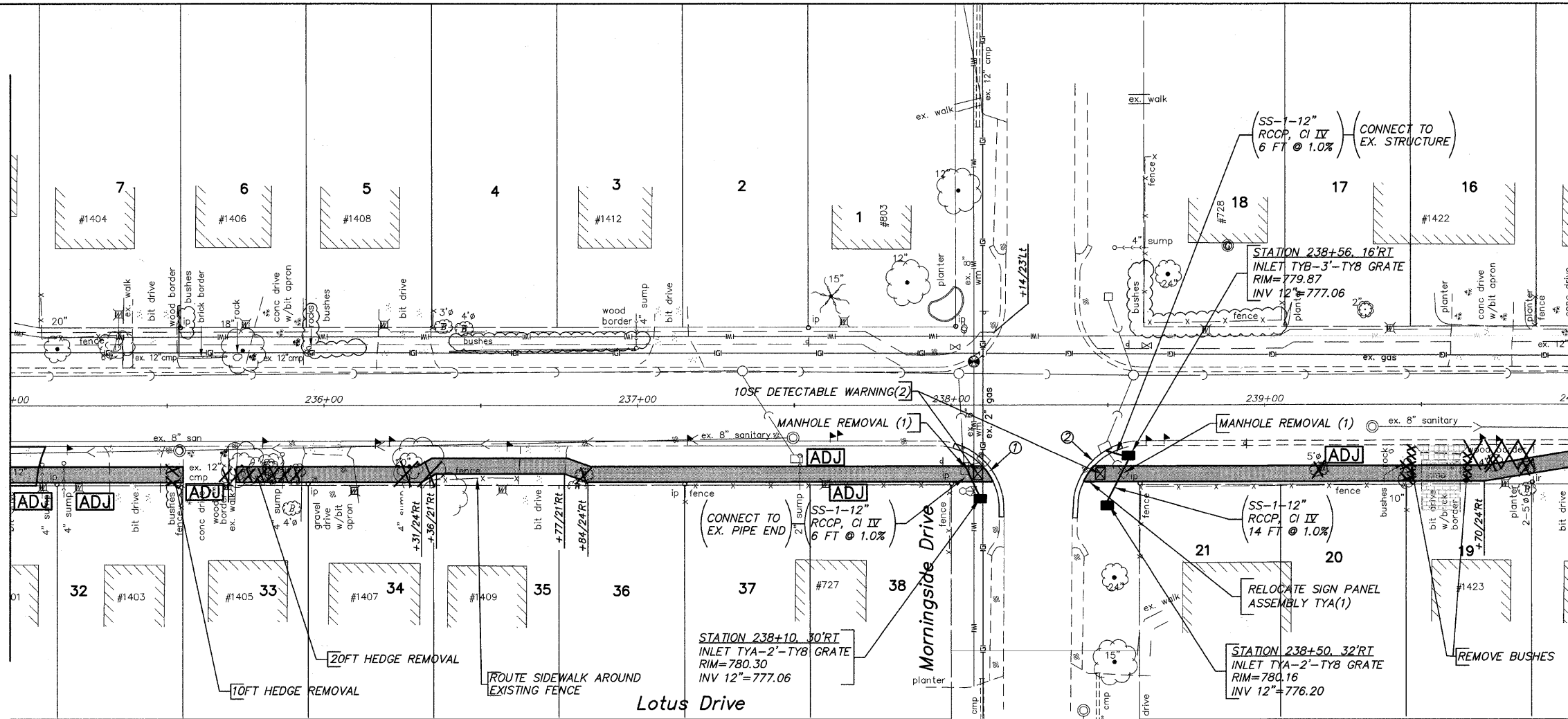
N
 SCALE:
 HOR: 1"=20'
 VER: 1"=2'



FILE NAME = 10258806.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME =	DRAWN -- EC	REVISED --		SCALE: 1"=20'	SHEET NO. 30 OF 73 SHEETS	STA. 230+00 TO STA. 235+00	08-00062-00-SW	LAKE	73	30	
	PLOT SCALE =	CHECKED -- RJD	REVISED --		CONTRACT NO. 63280							
	PLOT DATE =	DATE -- 10/02/09	REVISED --		ILLINOIS FED. AID PROJECT							

STATION 235+00

MATCHLINE

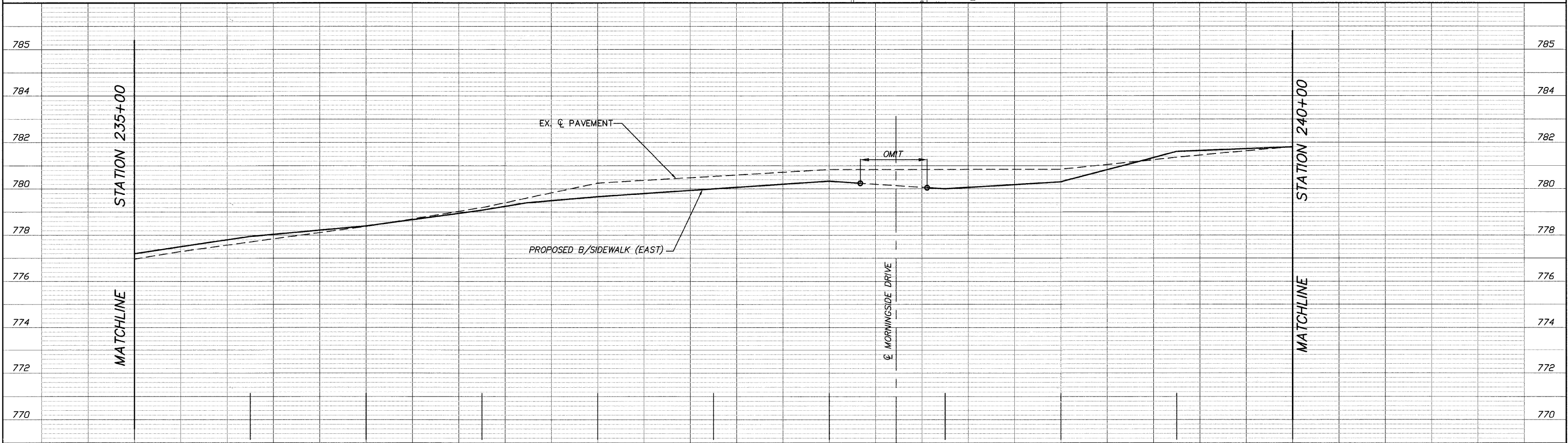


COMBINATION CONCRETE CURB & GUTTER, TYB-6.12

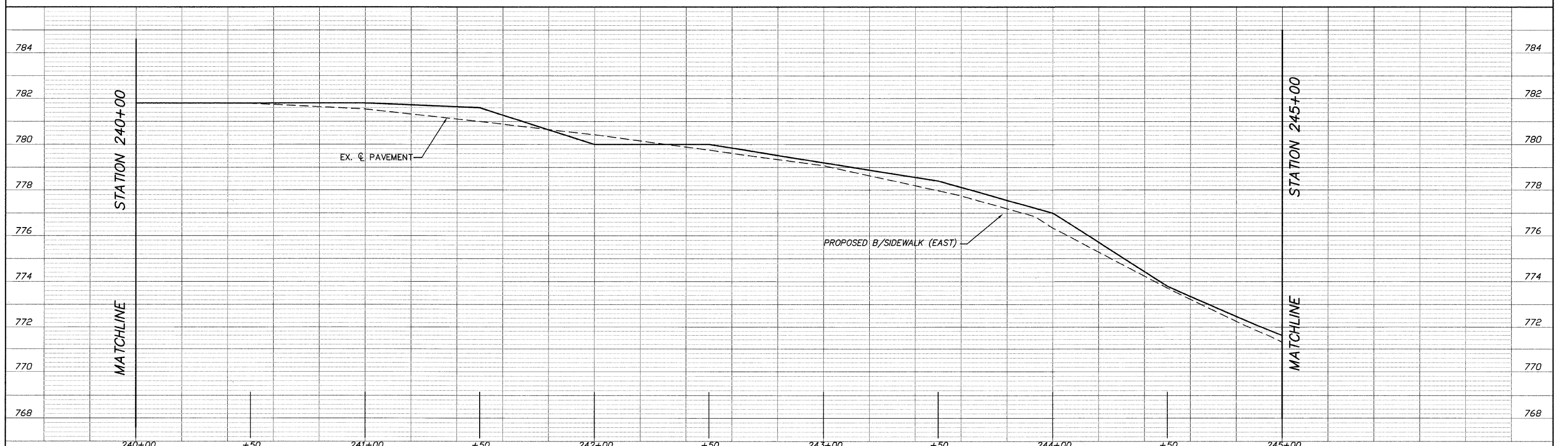
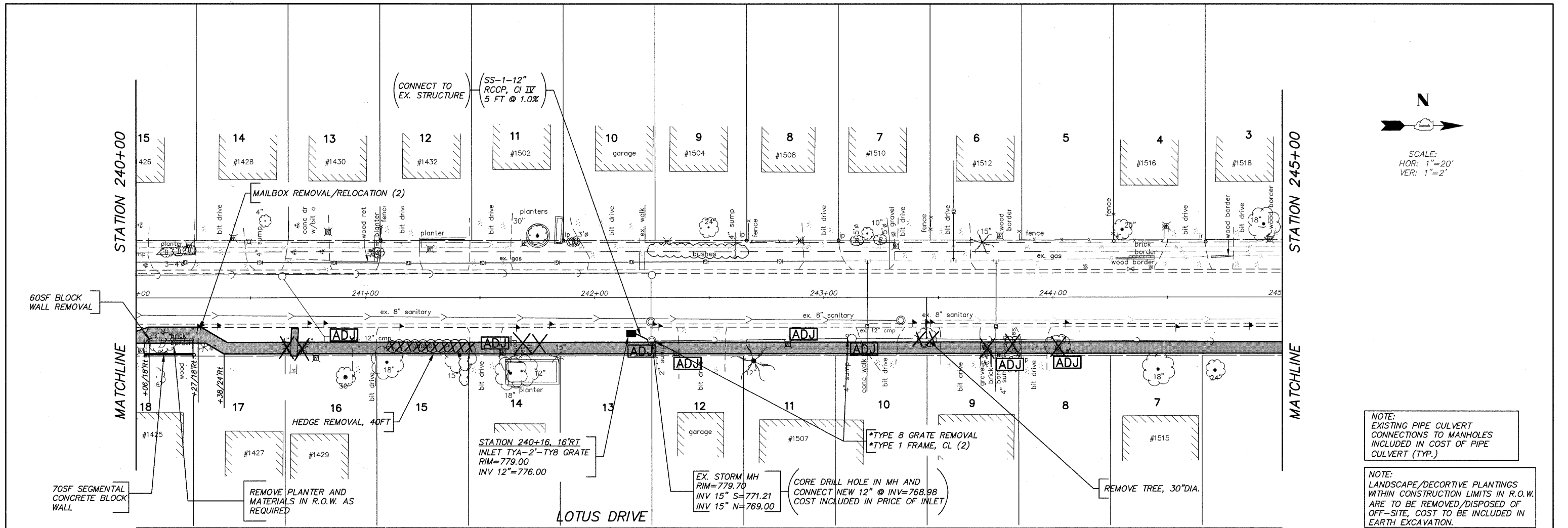
ITEM	LENGTH(FT)
1	30
2	30

NOTE:
EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

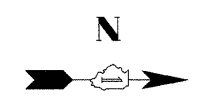
NOTE:
LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



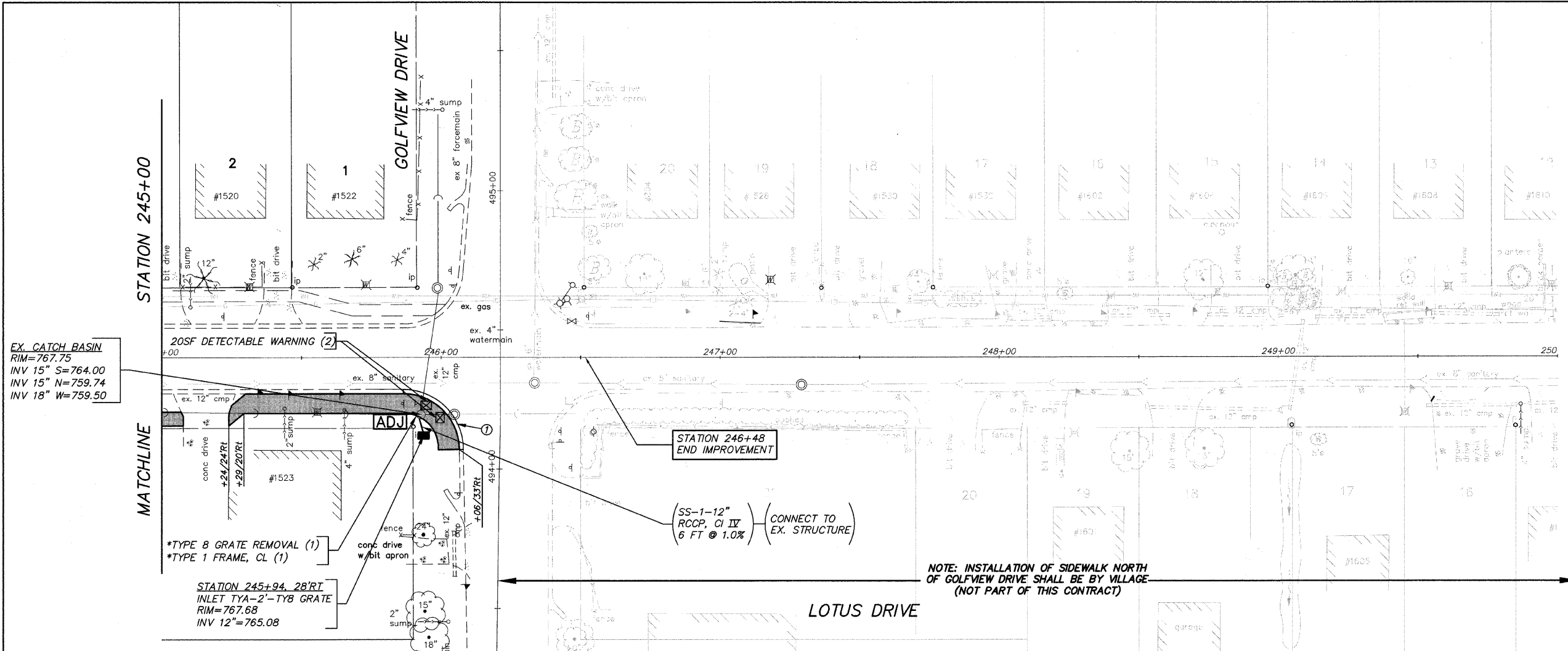
FILE NAME = 10258806.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	FILE NAME =	DRAWN -- EC	REVISED --			---	08-00062-00-SW	LAKE	73	31	
	PLOT SCALE =	CHECKED -- RJD	REVISED --			SCALE: 1"=20' SHEET NO. 31 OF 73 SHEETS STA. 235+00 TO STA. 240+00					
	PLOT DATE =	DATE -- 10/02/09	REVISED --			CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT					



FILE NAME = 10258806.DWG	USER NAME =	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. RTE. =	SECTION = 08-00062-00-SW	COUNTY = LAKE	TOTAL SHEETS = 73	SHEET NO. = 32	
	FILE NAME =	DRAWN - EC	REVISED -			SCALE: 1"=20'	SHEET NO. 32 OF 73 SHEETS	STA. 240+00 TO STA. 245+00	CONTRACT NO. 63280		
	PLOT SCALE =	CHECKED - RJD	REVISED -			ILLINOIS FED. AID PROJECT					
	PLOT DATE =	DATE - 10/02/09	REVISED -								



SCALE:
HOR: 1"=20'
VER: 1"=2'



EX. CATCH BASIN
RIM=767.75
INV 15" S=764.00
INV 15" N=759.74
INV 18" W=759.50

20SF DETECTABLE WARNING (2)

STATION 245+94. 28'RT
INLET TYA-2'-TY8 GRATE
RIM=767.68
INV 12"=765.08

*TYPE 8 GRATE REMOVAL (1)
*TYPE 1 FRAME, CL (1)

STATION 246+48
END IMPROVEMENT

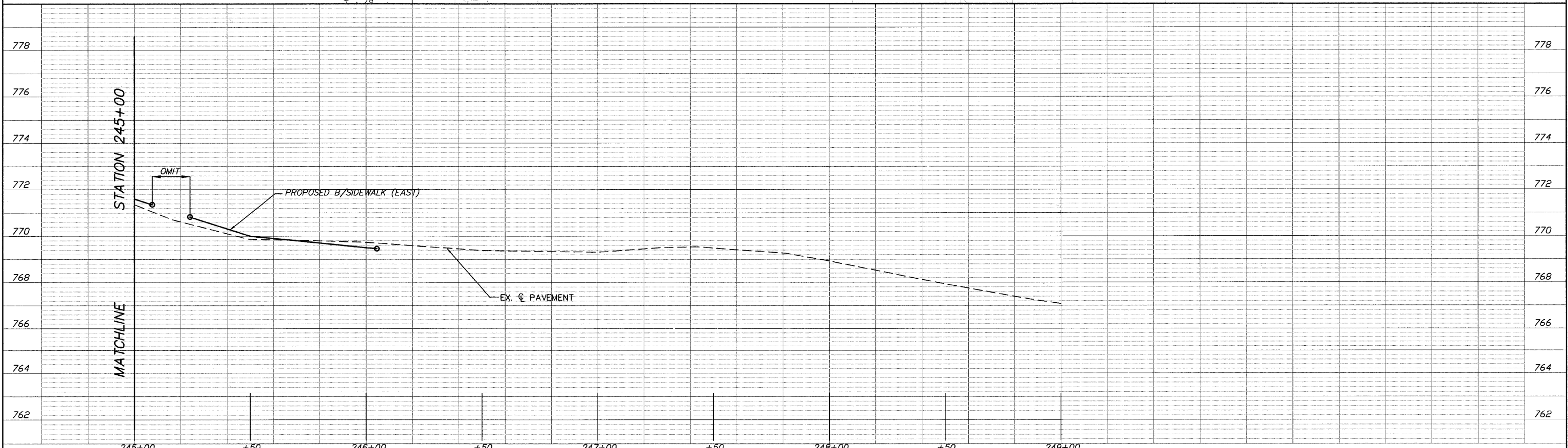
(SS-1-12" RCCP, CI IV)
6 FT @ 1.0% (CONNECT TO EX. STRUCTURE)

NOTE: INSTALLATION OF SIDEWALK NORTH OF GOLFVIEW DRIVE SHALL BE BY VILLAGE (NOT PART OF THIS CONTRACT)

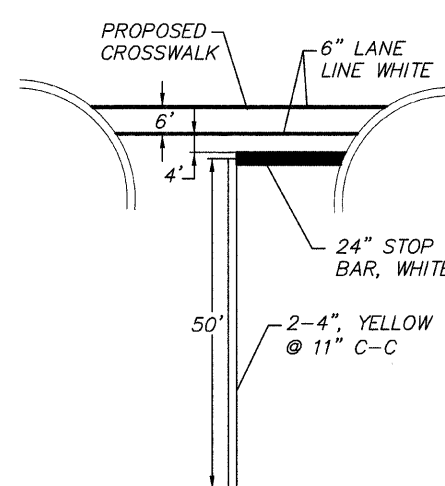
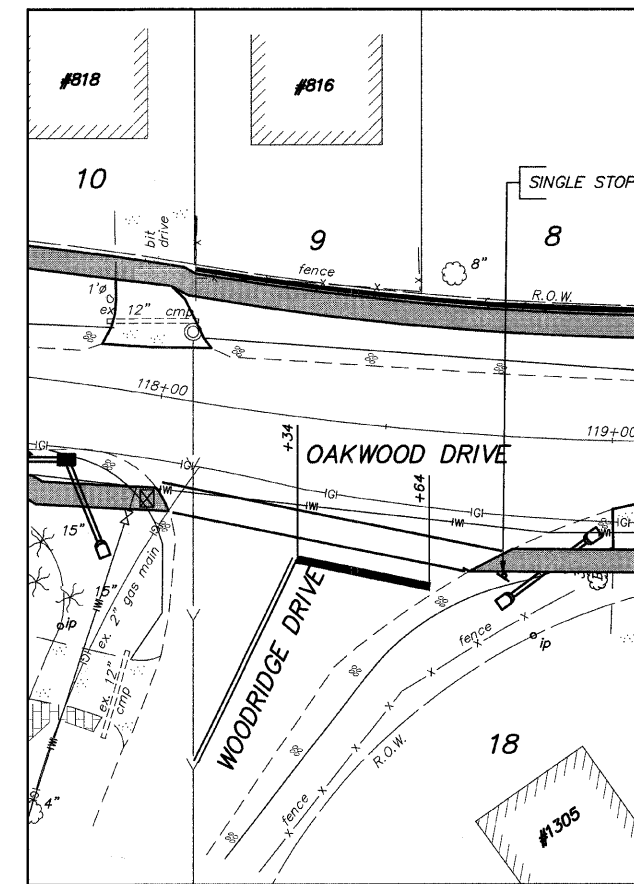
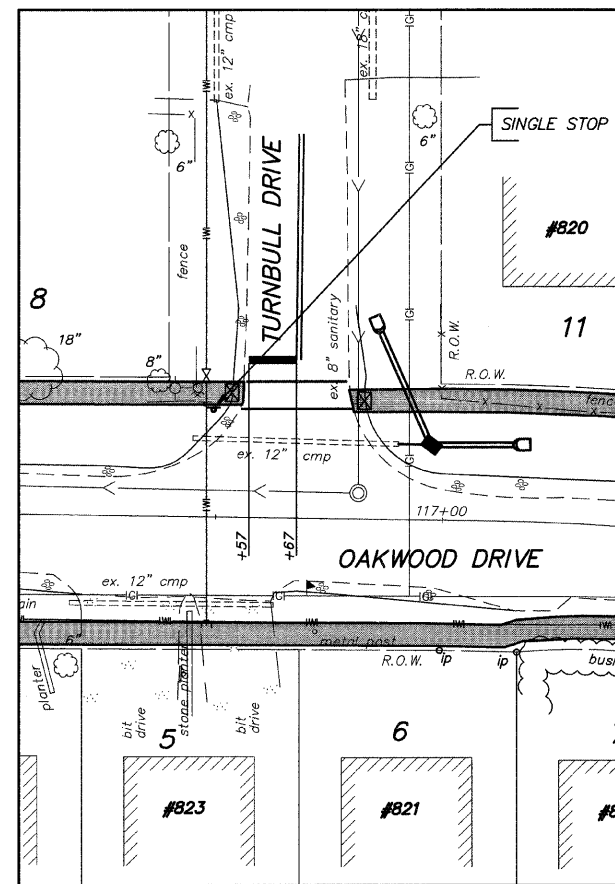
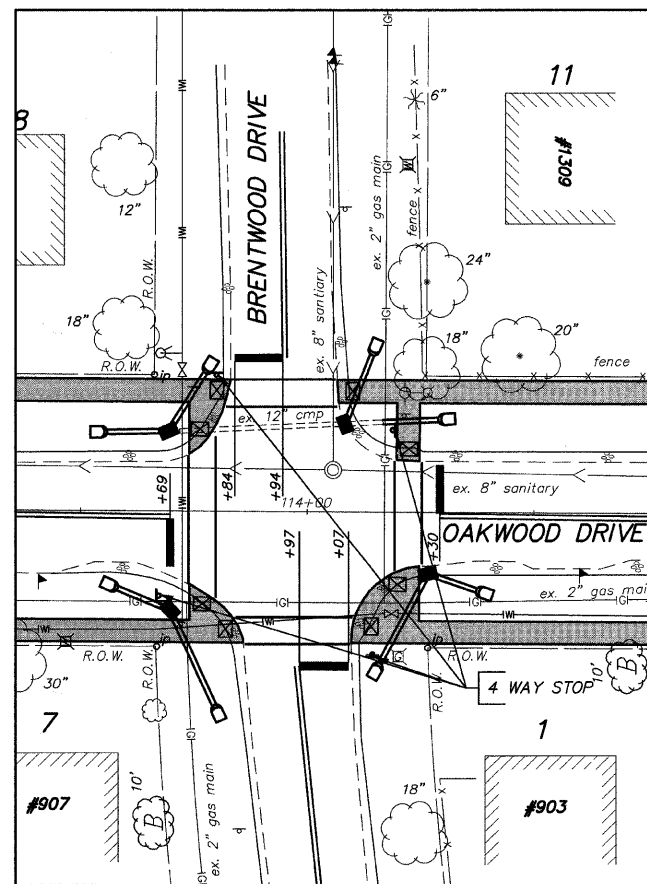
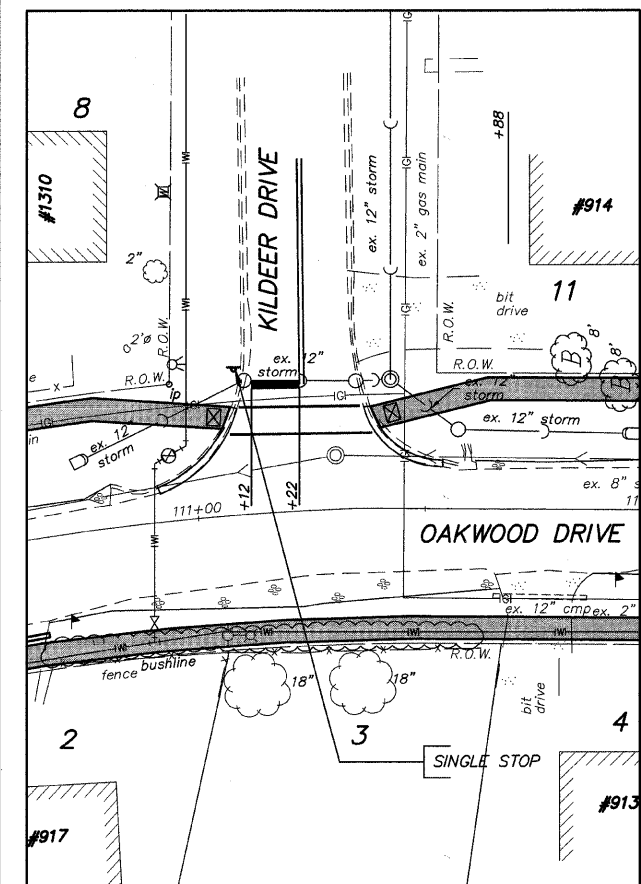
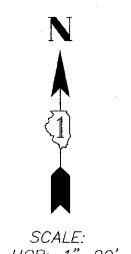
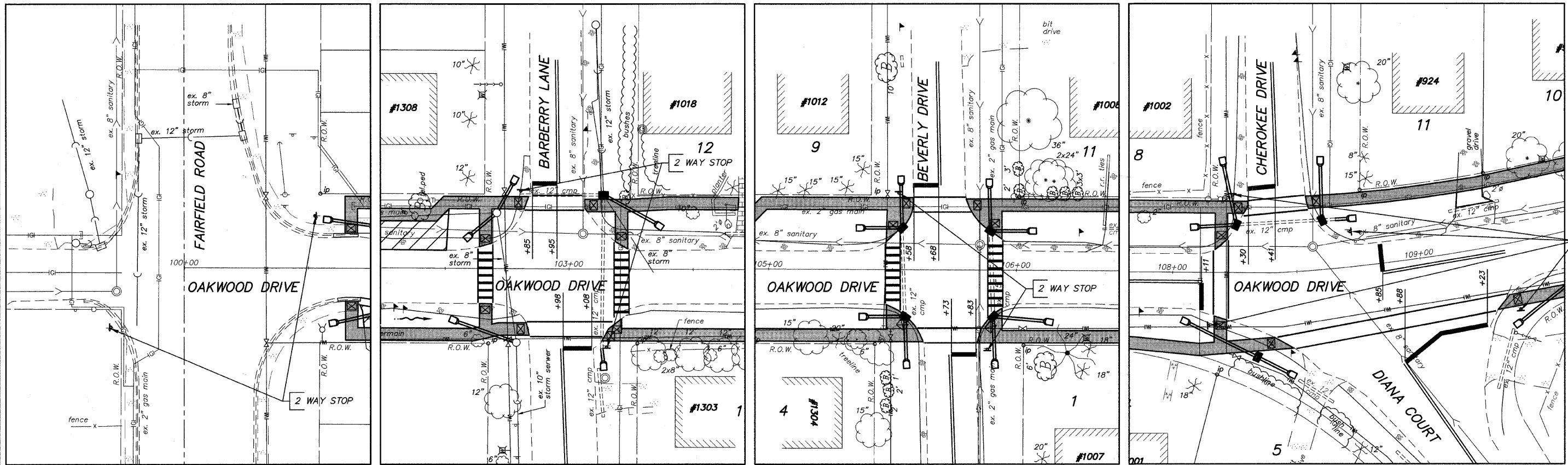
*COMBINATION CONCRETE CURB & GUTTER, TYB-6.12
*CURB REMOVAL
ITEM LENGTH(FT)
① 33

NOTE: EXISTING PIPE CULVERT CONNECTIONS TO MANHOLES INCLUDED IN COST OF PIPE CULVERT (TYP.)

NOTE: LANDSCAPE/DECORTIVE PLANTINGS WITHIN CONSTRUCTION LIMITS IN R.O.W. ARE TO BE REMOVED/DISPOSED OF OFF-SITE, COST TO BE INCLUDED IN EARTH EXCAVATION.



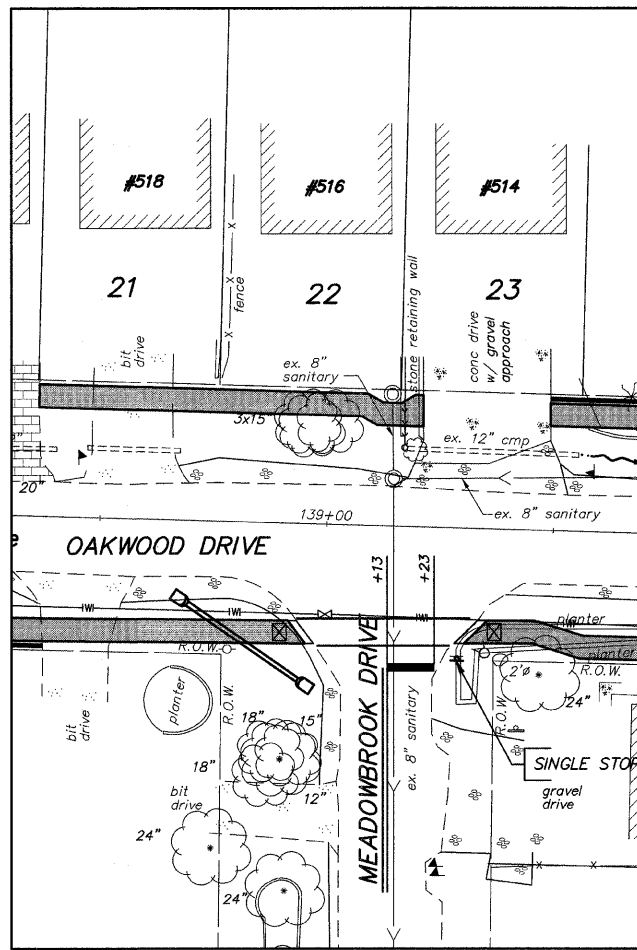
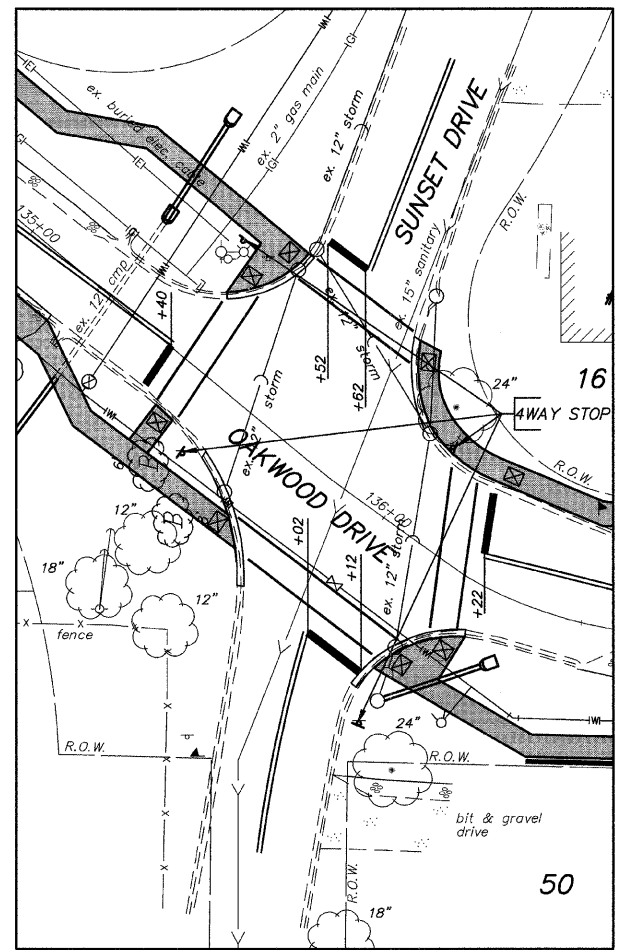
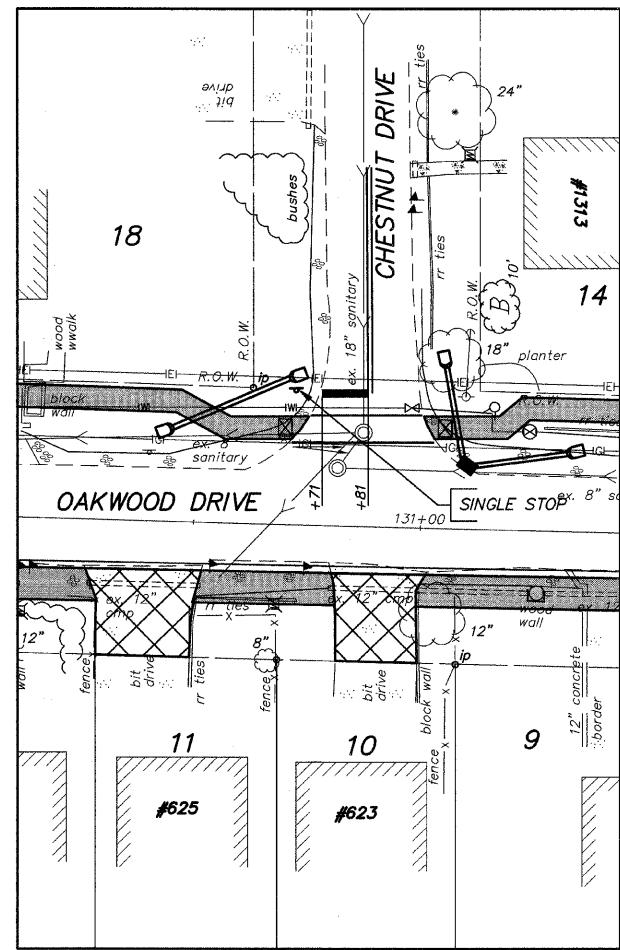
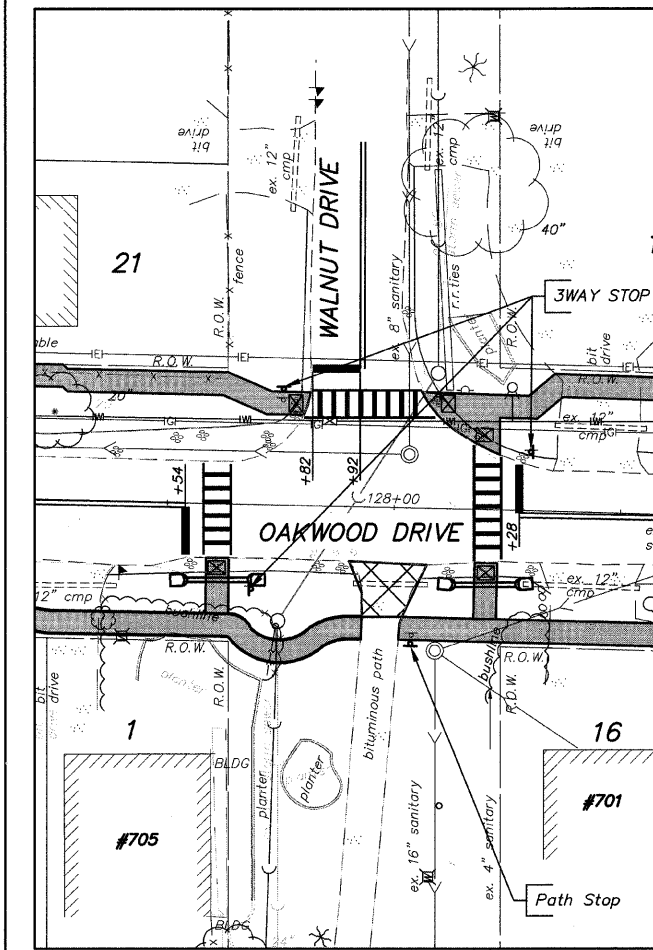
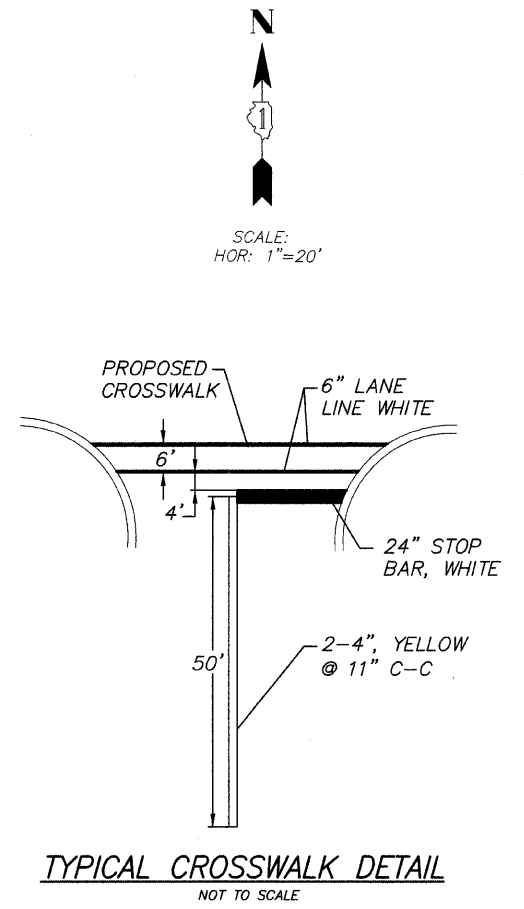
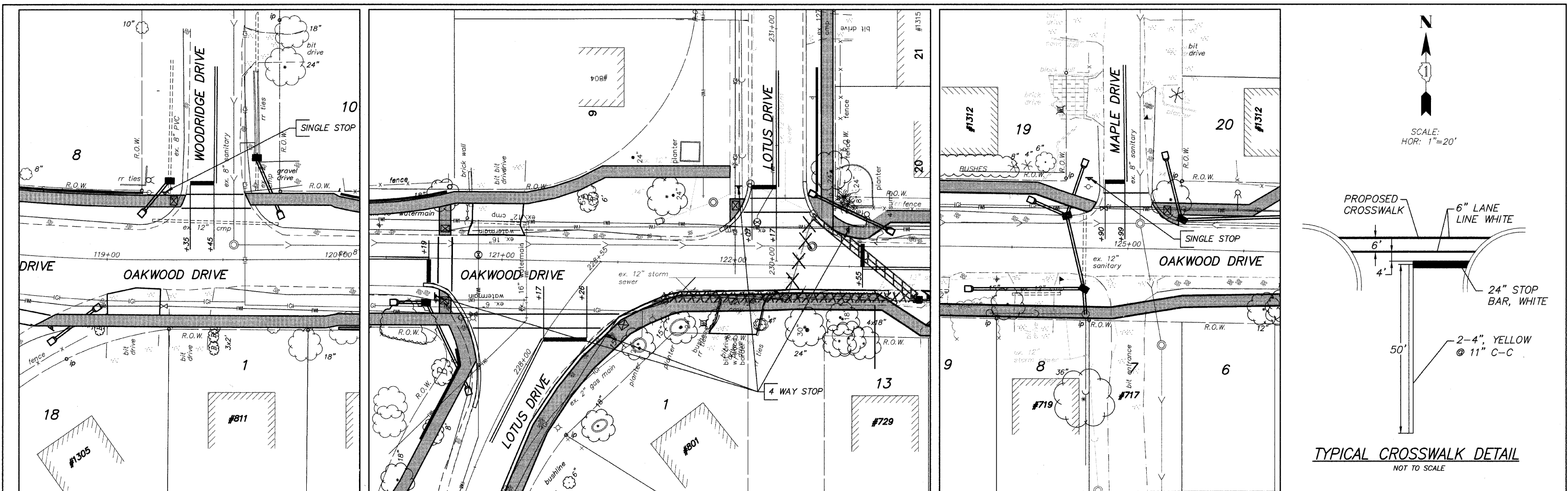
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	FILE NAME =	DRAWN - EC	REVISED -			---	08-00062-00-SW	LAKE	73	33	
	PLOT SCALE =	CHECKED - RJD	REVISED -			SCALE: 1"=20' SHEET NO. 33 OF 73 SHEETS STA. 245+00 TO STA. 246+48					
	PLOT DATE =	DATE - 10/02/09	REVISED -			CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT					



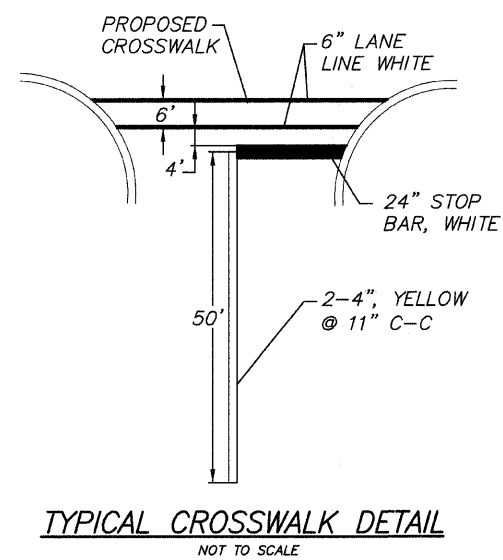
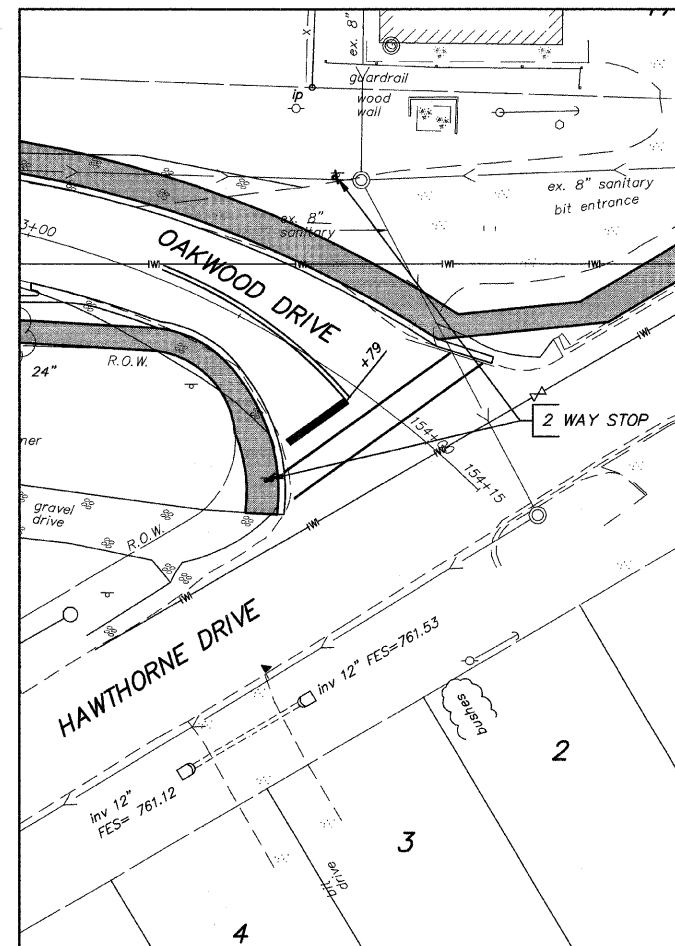
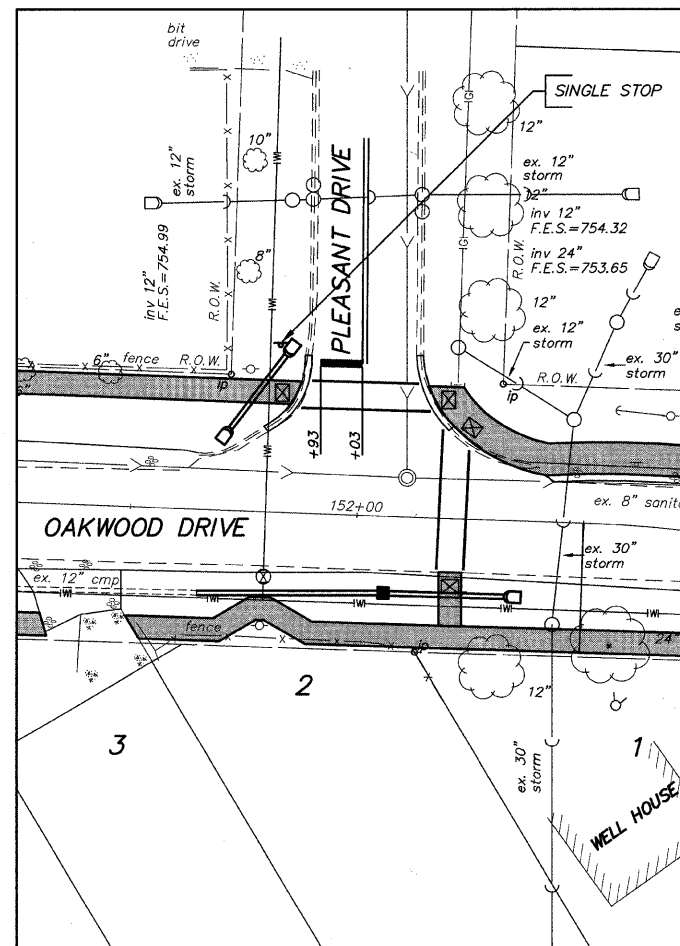
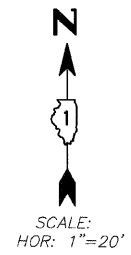
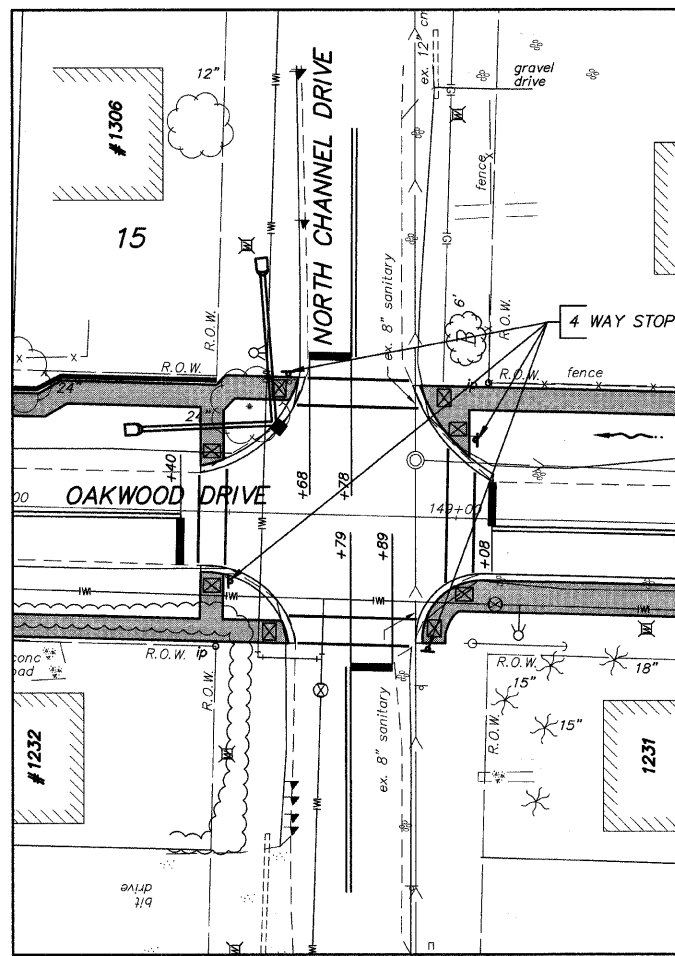
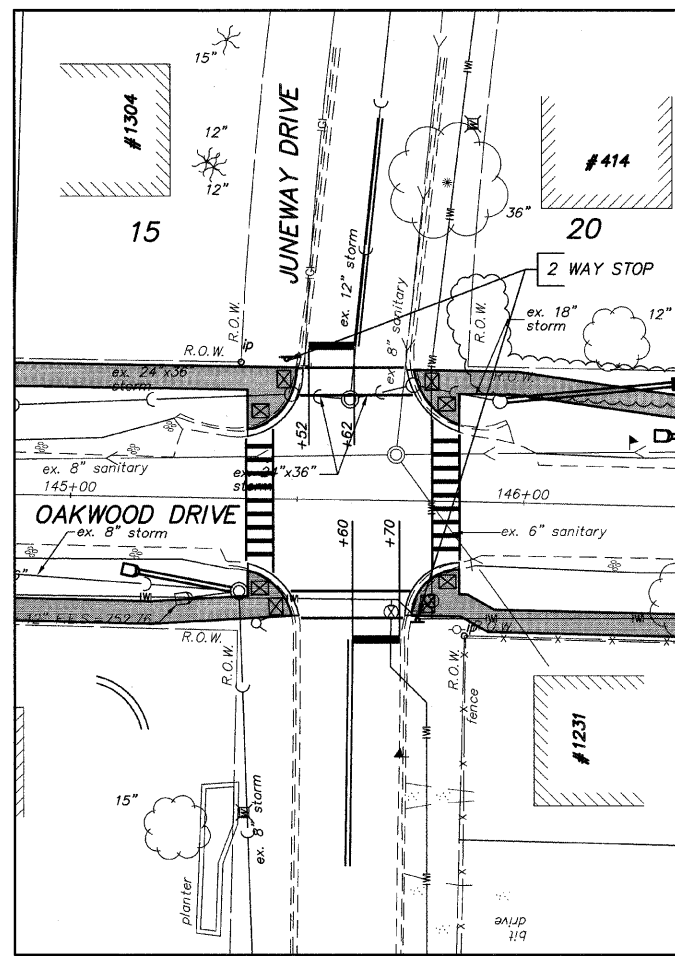
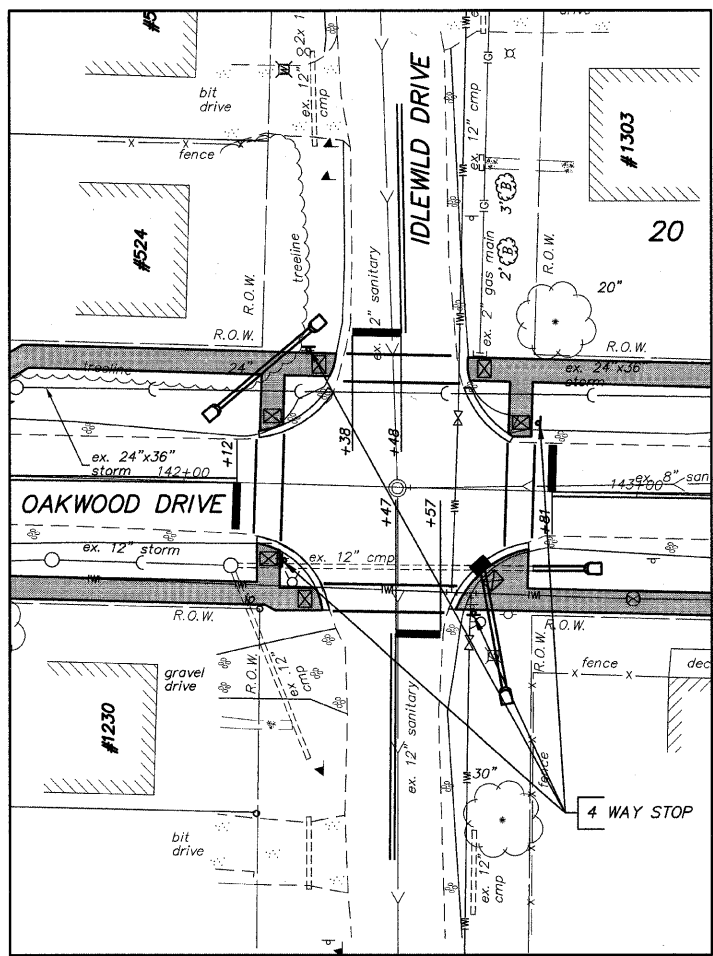
TYPICAL CROSSWALK DETAIL
NOT TO SCALE

NOTE:
SEE SHEET 39 FOR DISTRICT 1
TYPICAL PAVEMENT MARKINGS

FILE NAME = 10258808.DWG	USER NAME =	DESIGNED — RJD	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLANS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME =	DRAWN — EC	REVISED —			08-00062-00-SW	LAKE	73	34	
	PLOT SCALE =	CHECKED — RJD	REVISED —			CONTRACT NO. 63280				
	PLOT DATE =	DATE — 10/02/09	REVISED —			ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'						SHEET NO. 34 OF 73 SHEETS				



NOTE:
SEE SHEET 39 FOR DISTRICT 1
TYPICAL PAVEMENT MARKINGS



NOTE:
SEE SHEET 39 FOR DISTRICT 1
TYPICAL PAVEMENT MARKINGS

FILE NAME = 10258808.DWG

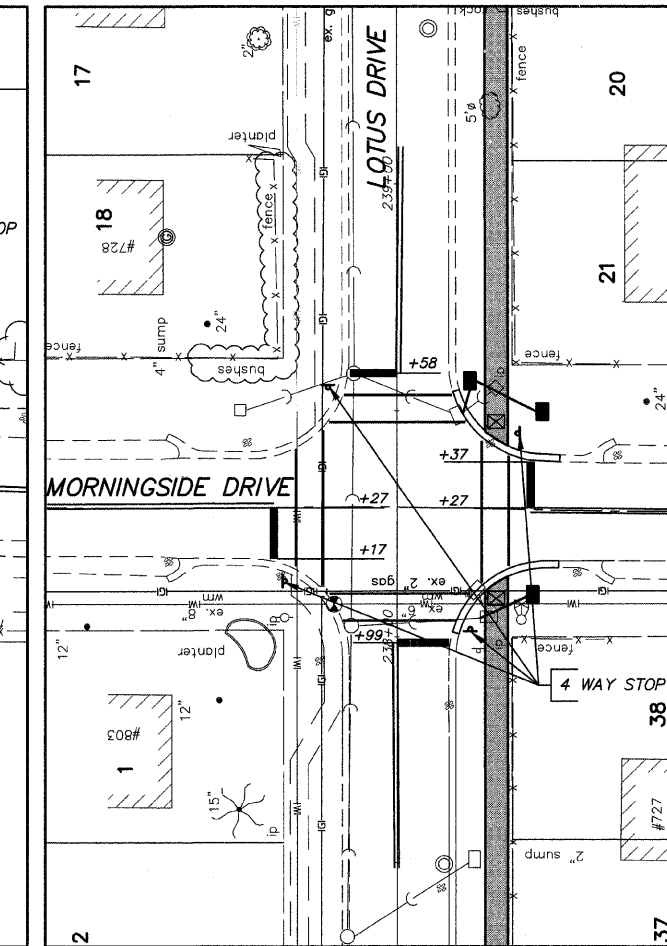
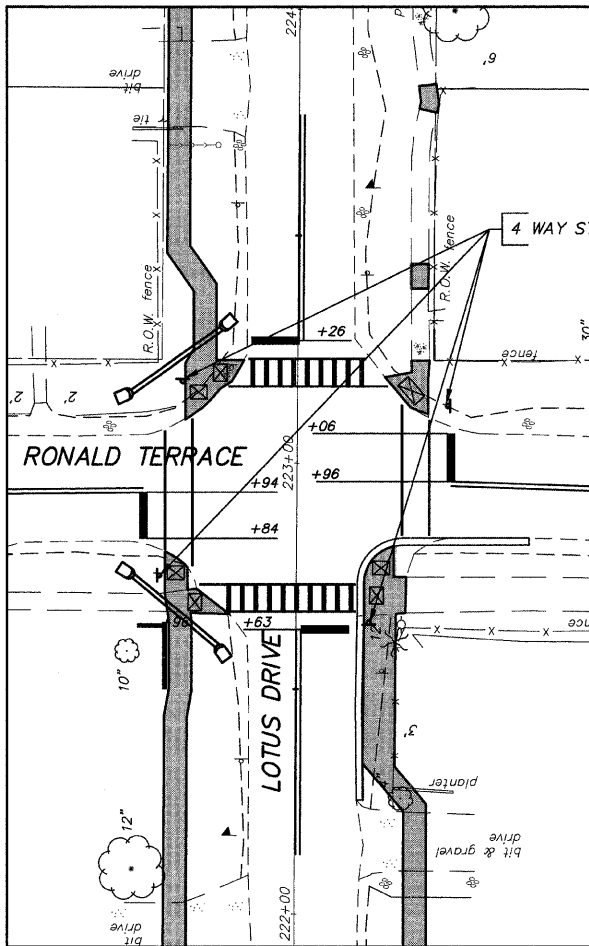
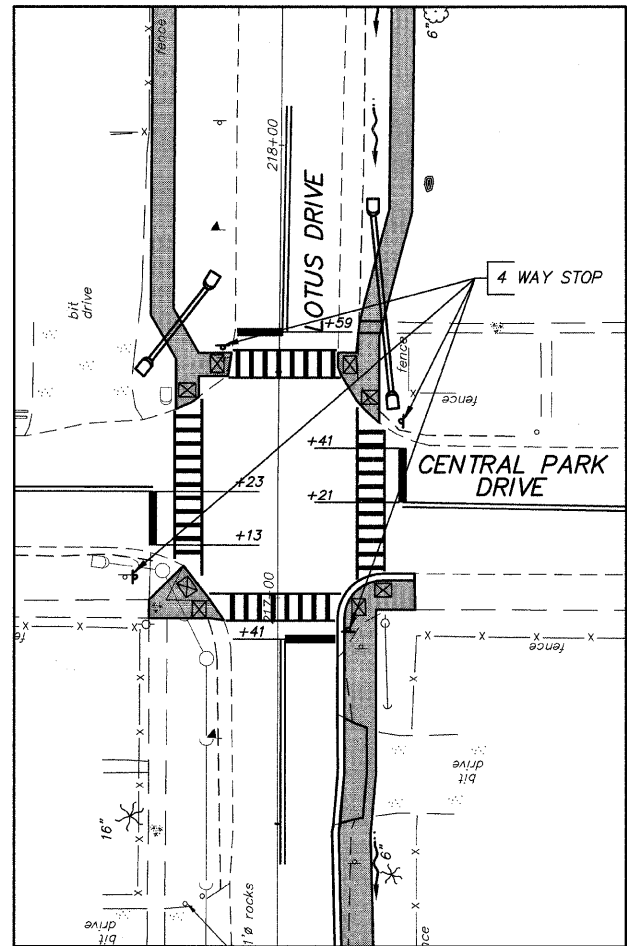
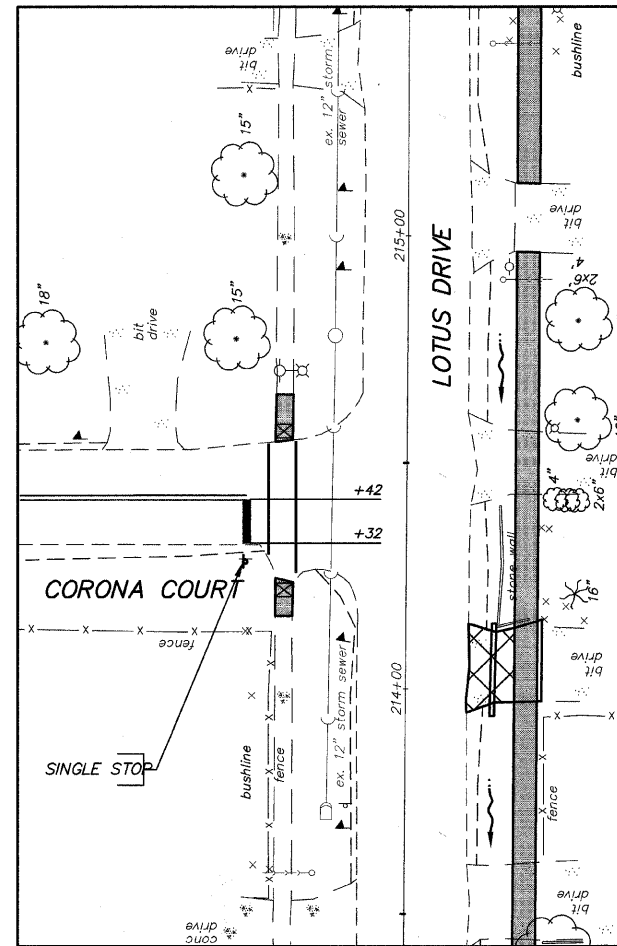
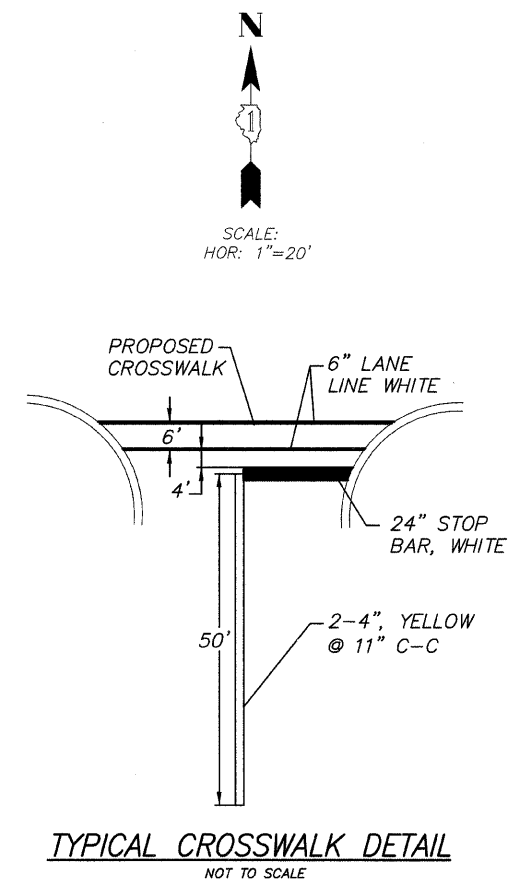
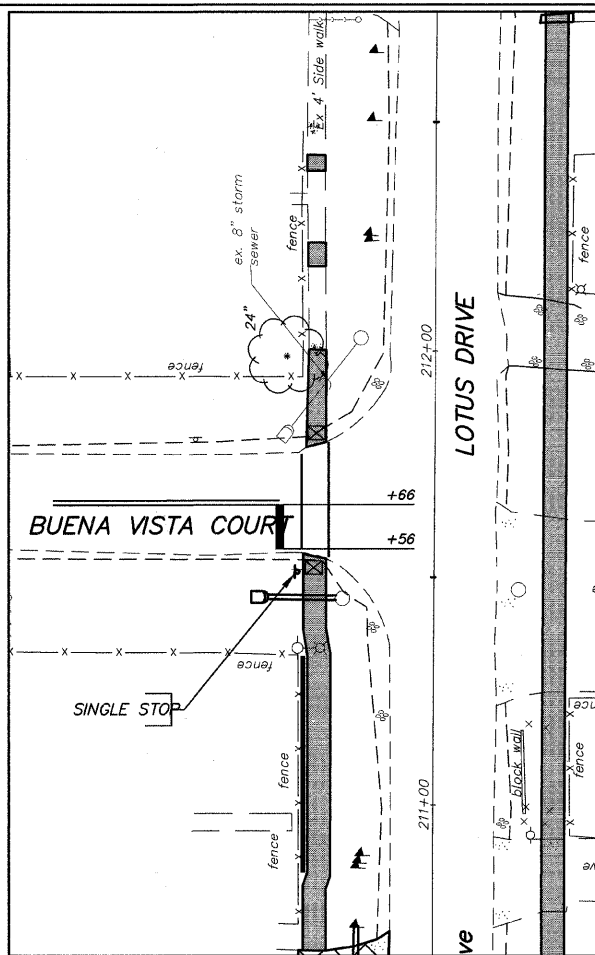
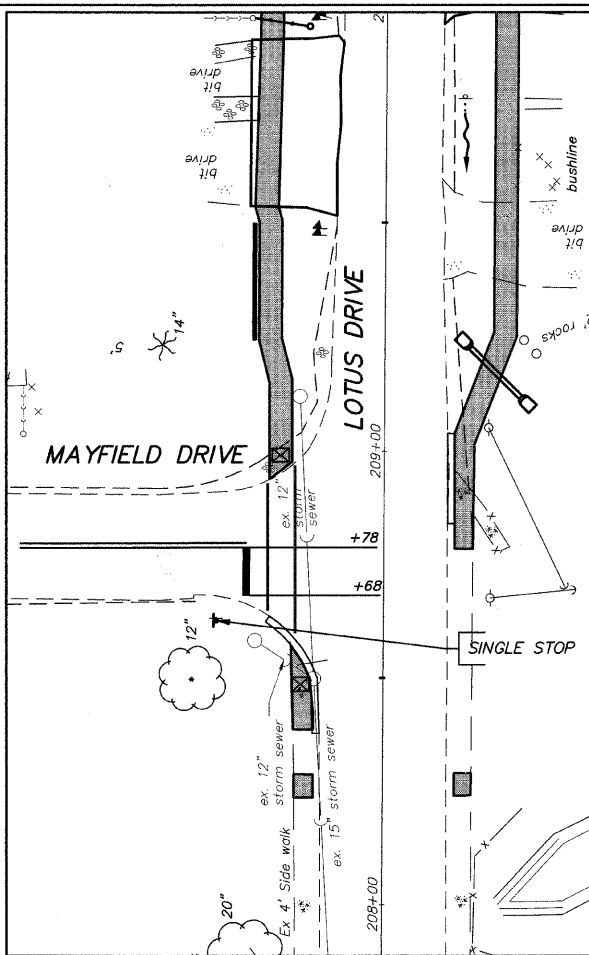
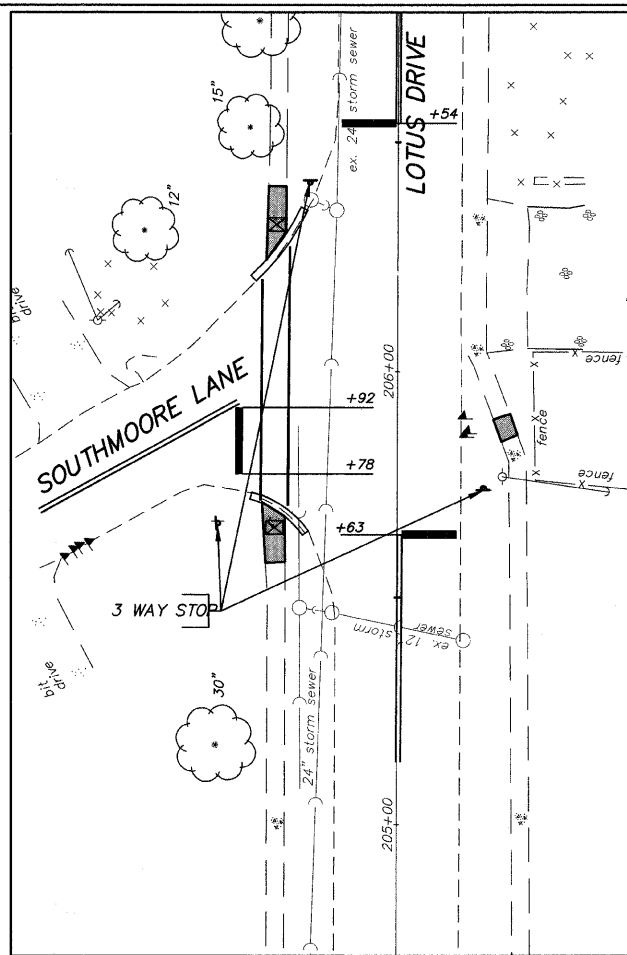
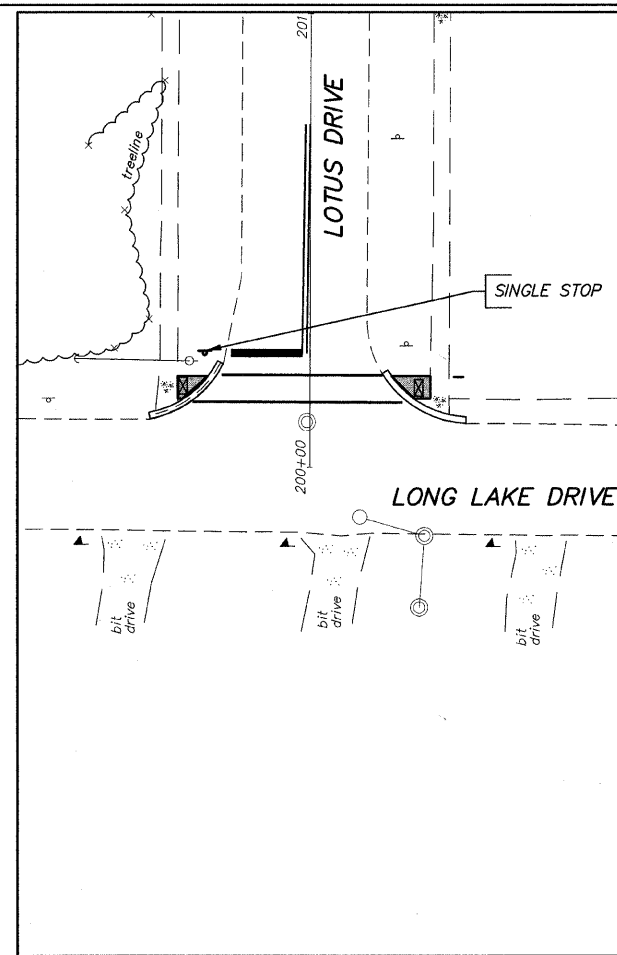
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FILE NAME =	DRAWN — EC	REVISED —
PLOT SCALE =	CHECKED — RJD	REVISED —
PLOT DATE =	DATE — 10/02/09	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS

SCALE: 1"=20' SHEET NO. 36 OF 73 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	08-00062-00-SW	LAKE	73	36
CONTRACT NO. 63280			ILLINOIS FED. AID PROJECT	



NOTE:
SEE SHEET 39 FOR DISTRICT 1
TYPICAL PAVEMENT MARKINGS

FILE NAME = 10258808.DWG

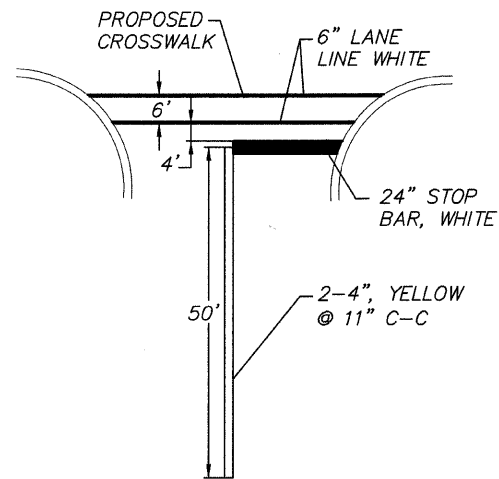
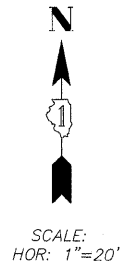
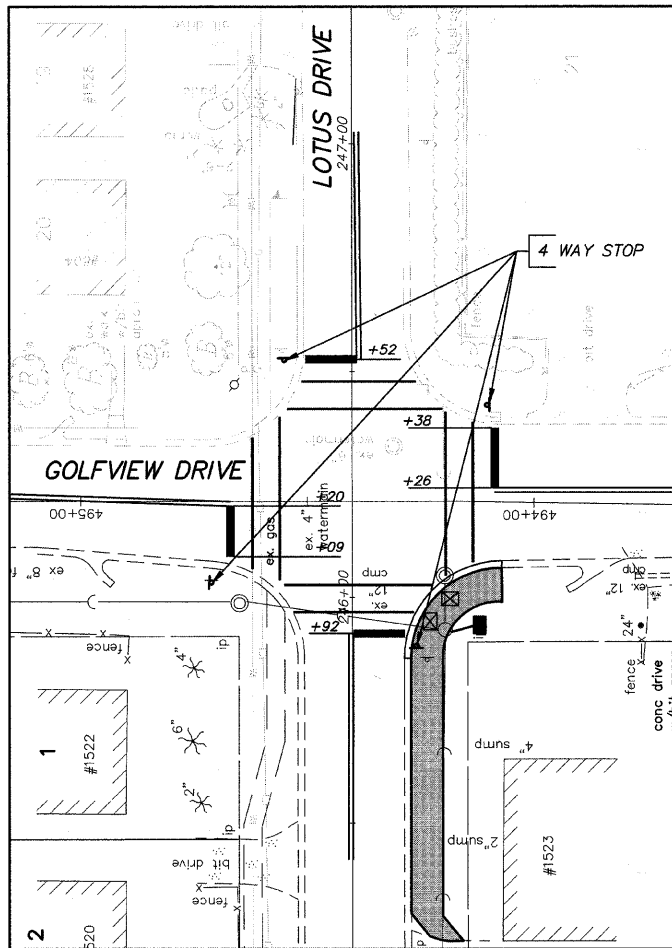
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FILE NAME =	DRAWN - EC	REVISED -
PLOT SCALE =	CHECKED - RJD	REVISED -
PLOT DATE =	DATE - 10/02/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS

SCALE: 1"=20' SHEET NO. 37 OF 73 SHEETS

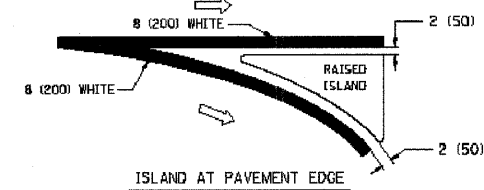
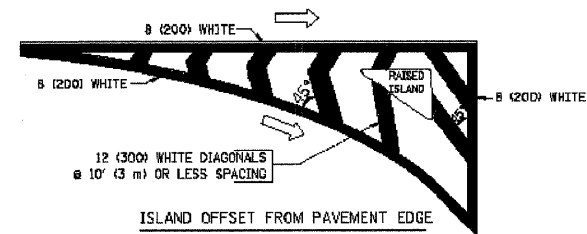
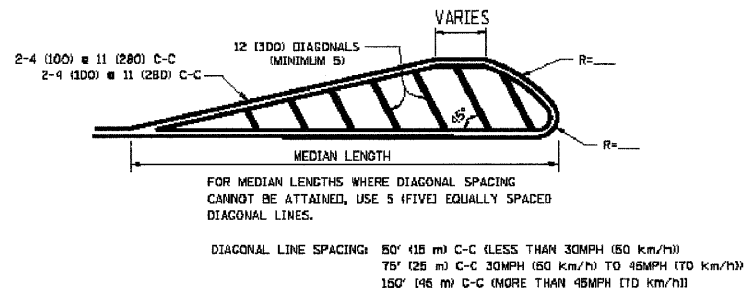
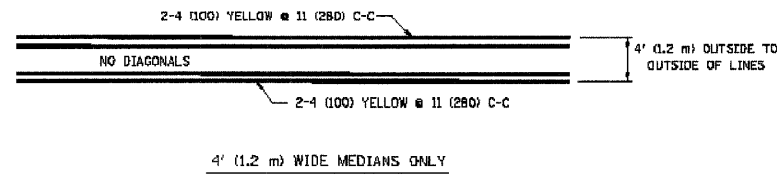
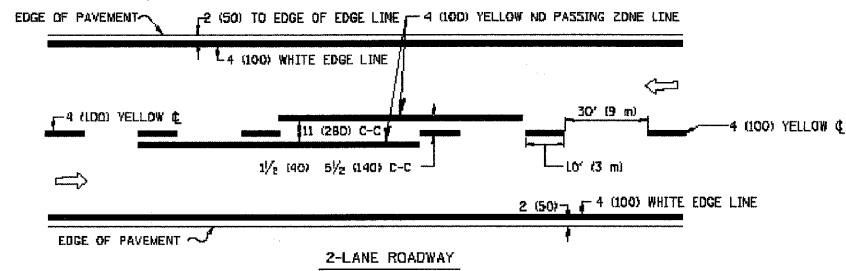
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	08-00062-00-SW	LAKE	73	37
				CONTRACT NO. 63280
ILLINOIS FED. AID PROJECT				



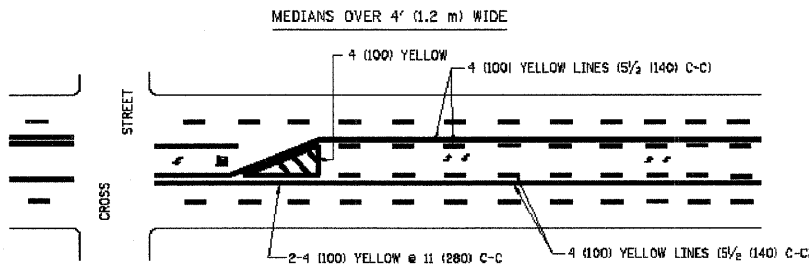
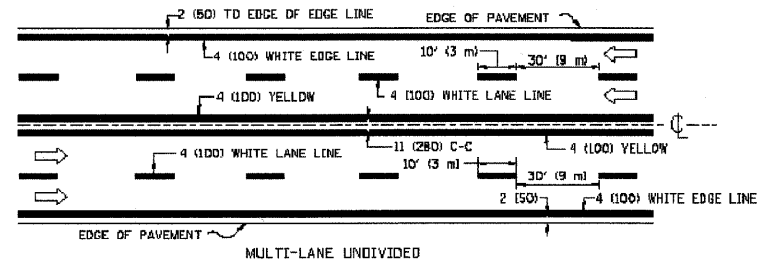
TYPICAL CROSSWALK DETAIL
NOT TO SCALE

NOTE:
SEE SHEET 39 FOR DISTRICT 1
TYPICAL PAVEMENT MARKINGS

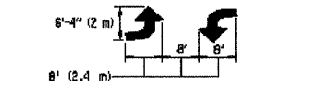
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	PLOT DATE =	DATE -- 10/02/09	REVISED --			ILLINOIS FED. AID PROJECT					



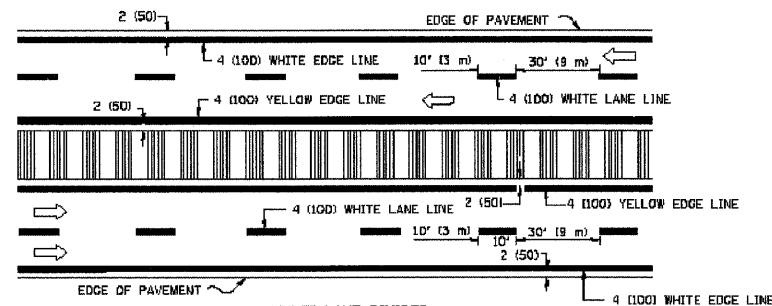
TYPICAL ISLAND MARKING



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

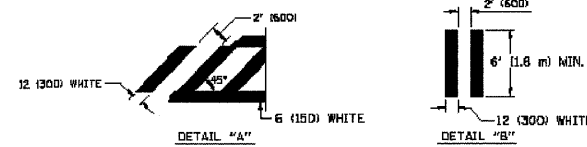
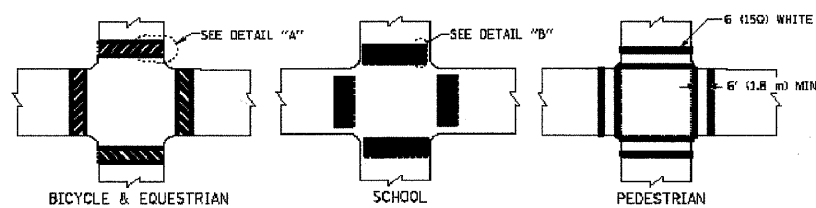


TYPICAL PAINTED MEDIAN MARKING

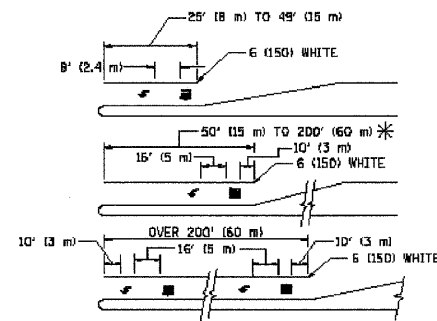


NOTE: MEDIANS WITH BARRIER CURBS DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* AREA = 15.6 SQ. FT. (1.5 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

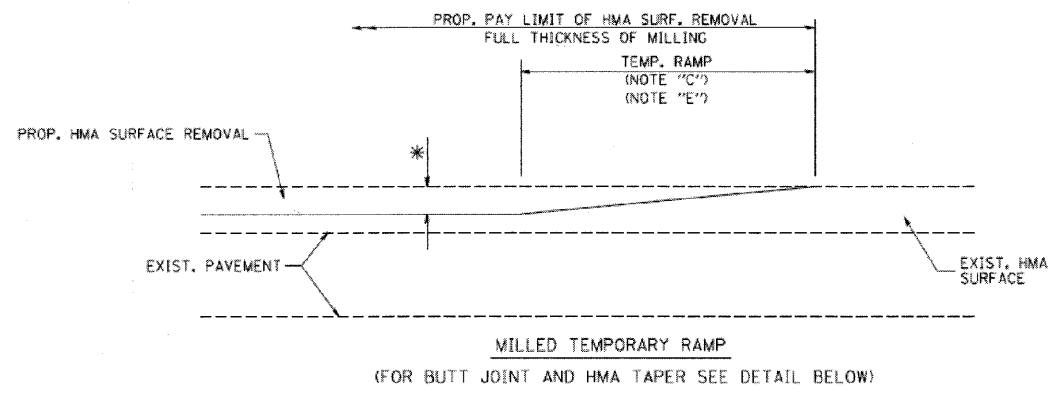
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

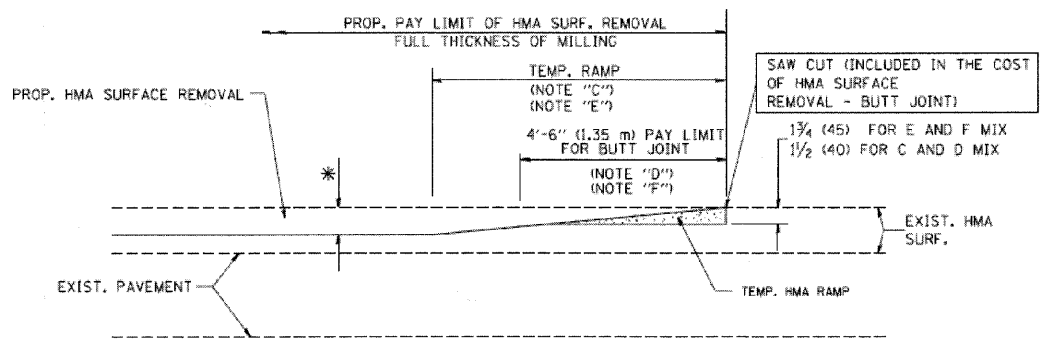
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	30' (9 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW TWO WAY TRAFFIC WHITE ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GRADE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 18 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "X" = 1.6 SQ. FT. (0.33 m ²) EACH "X" = 84.0 SQ. FT. (8.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

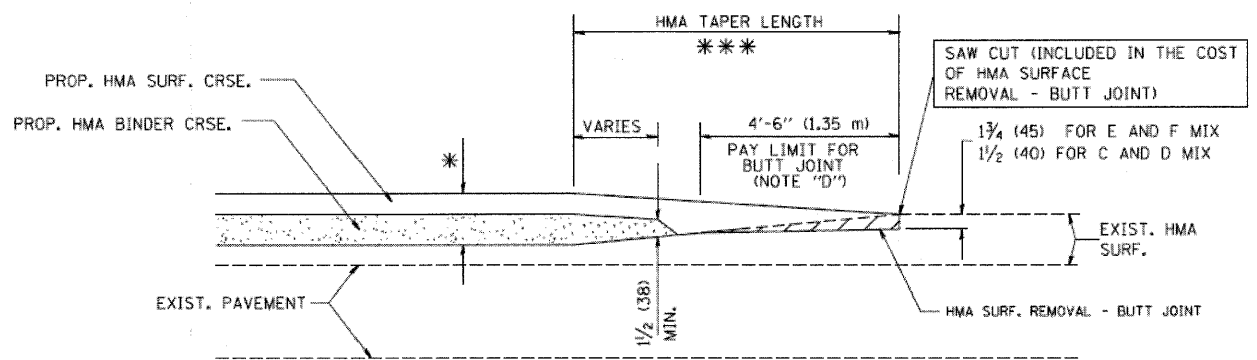


OPTION 1

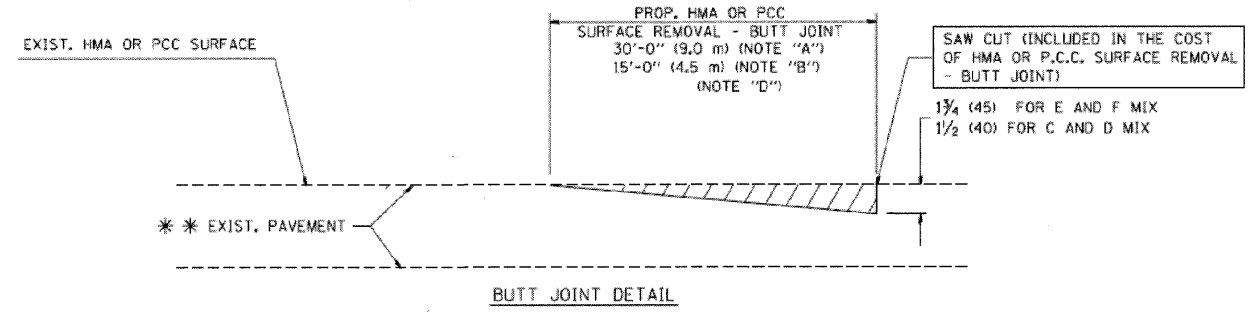


OPTION 2

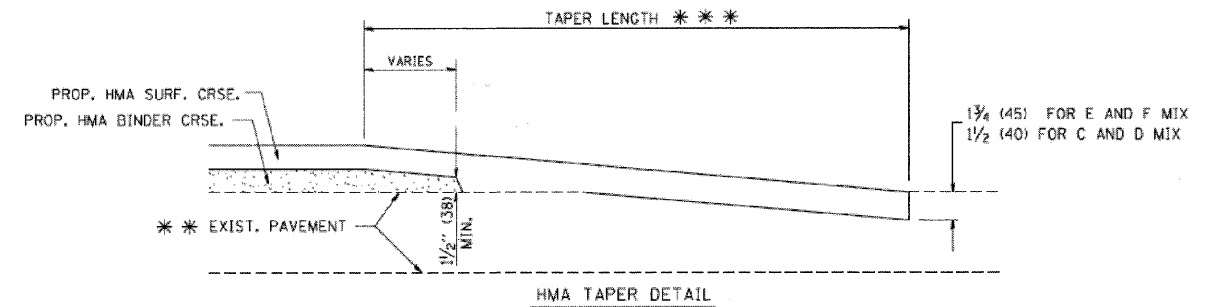
TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

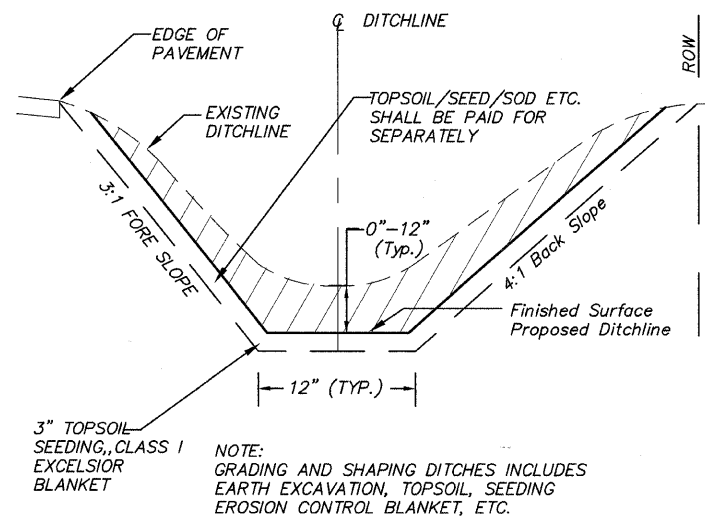
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

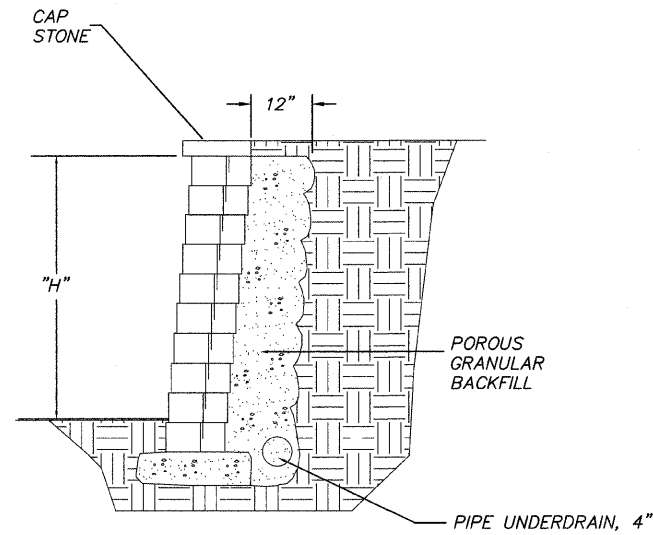
BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

FILE NAME = 10258809.DWG	USER NAME =	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	40		
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: N.T.S. SHEET NO. 40 OF 73 SHEETS		CONTRACT NO. 63280		ILLINOIS FED. AID PROJECT		
	PLOT DATE =	DATE - 10/02/09	REVISED -								

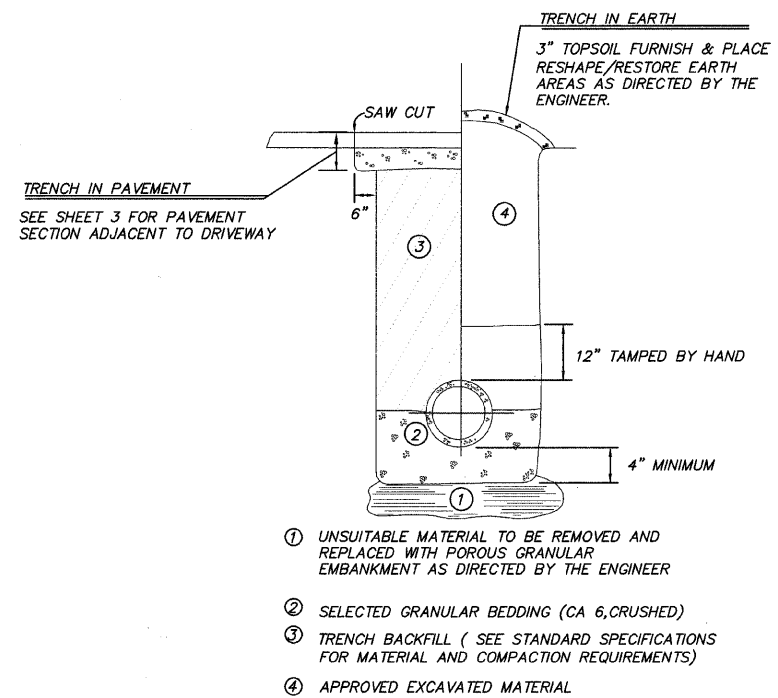


**TYPICAL SECTION -
GRADING AND SHAPING DITCHES**



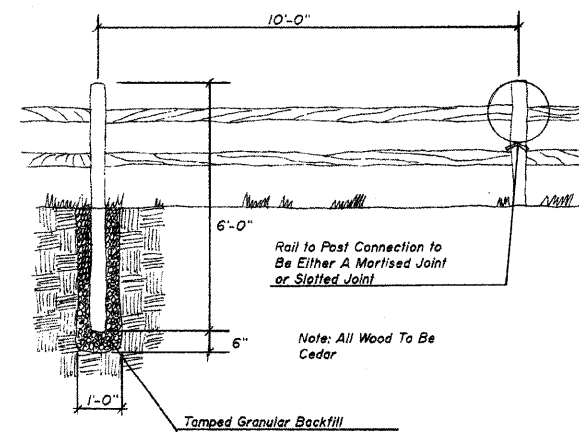
STONE RETAINING WALL DETAIL

NOT TO SCALE



TYPICAL TRENCH DETAIL

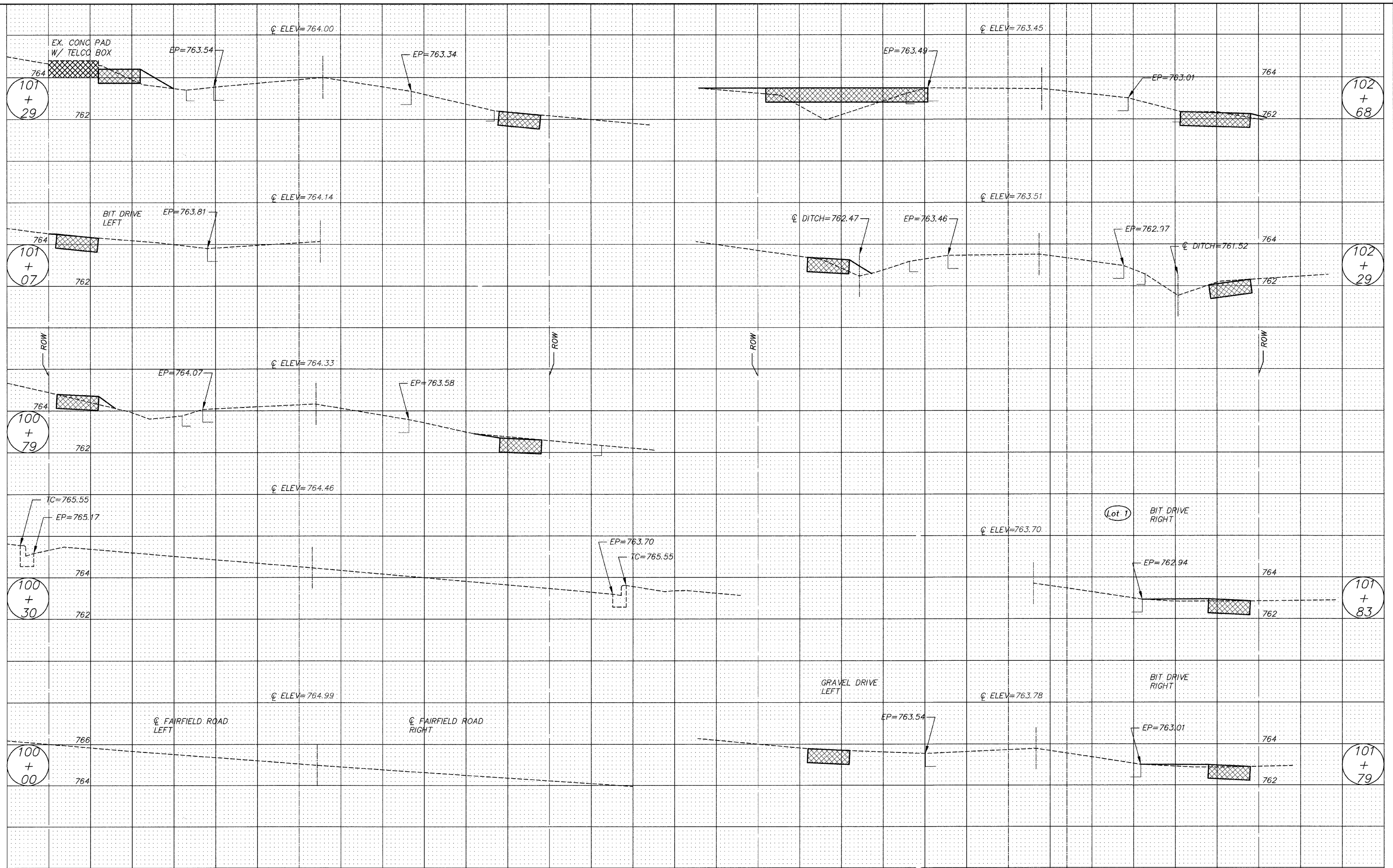
NOT TO SCALE



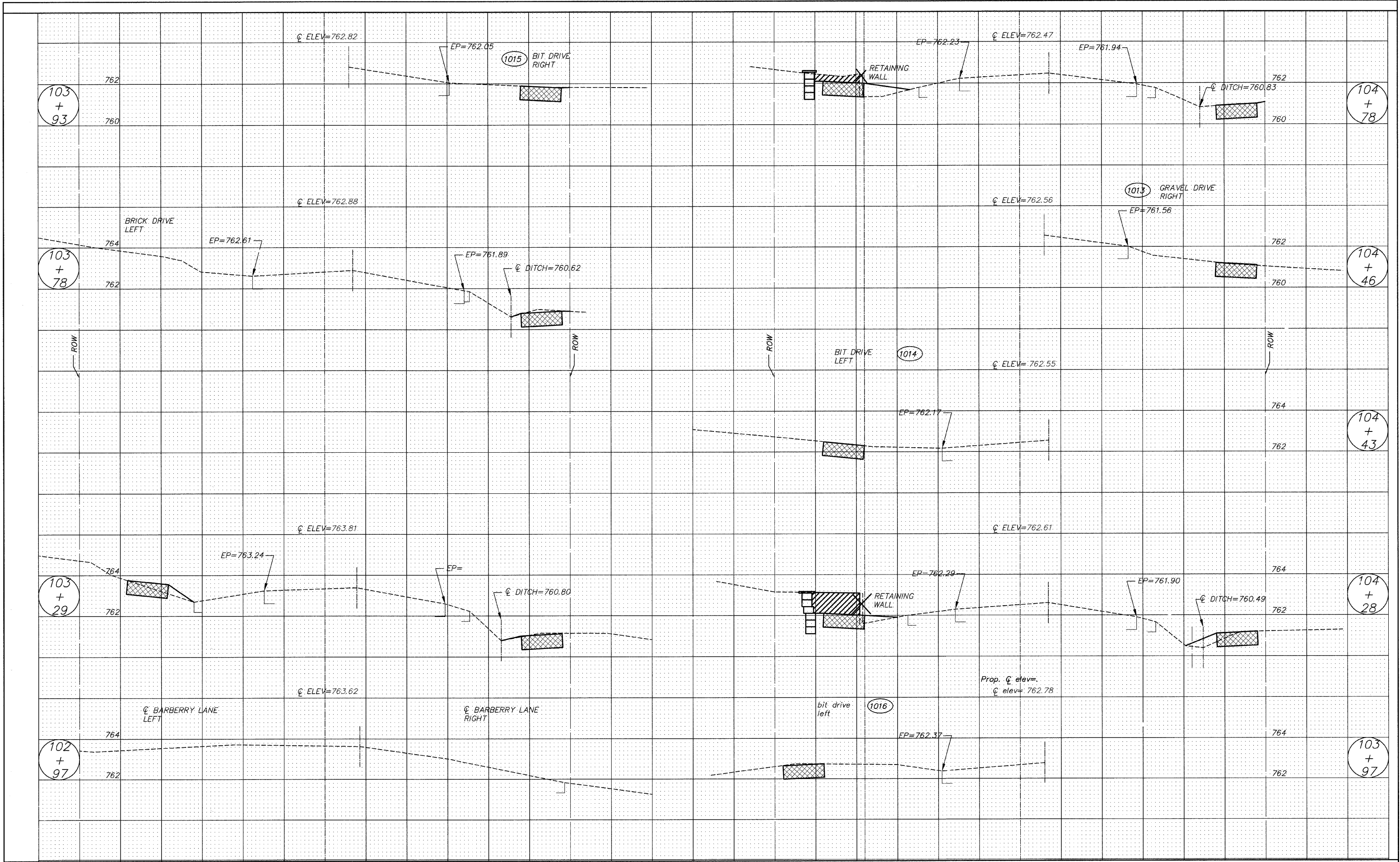
**RUSTIC WOOD POST AND
RAIL FENCE DETAIL**

NOT TO SCALE

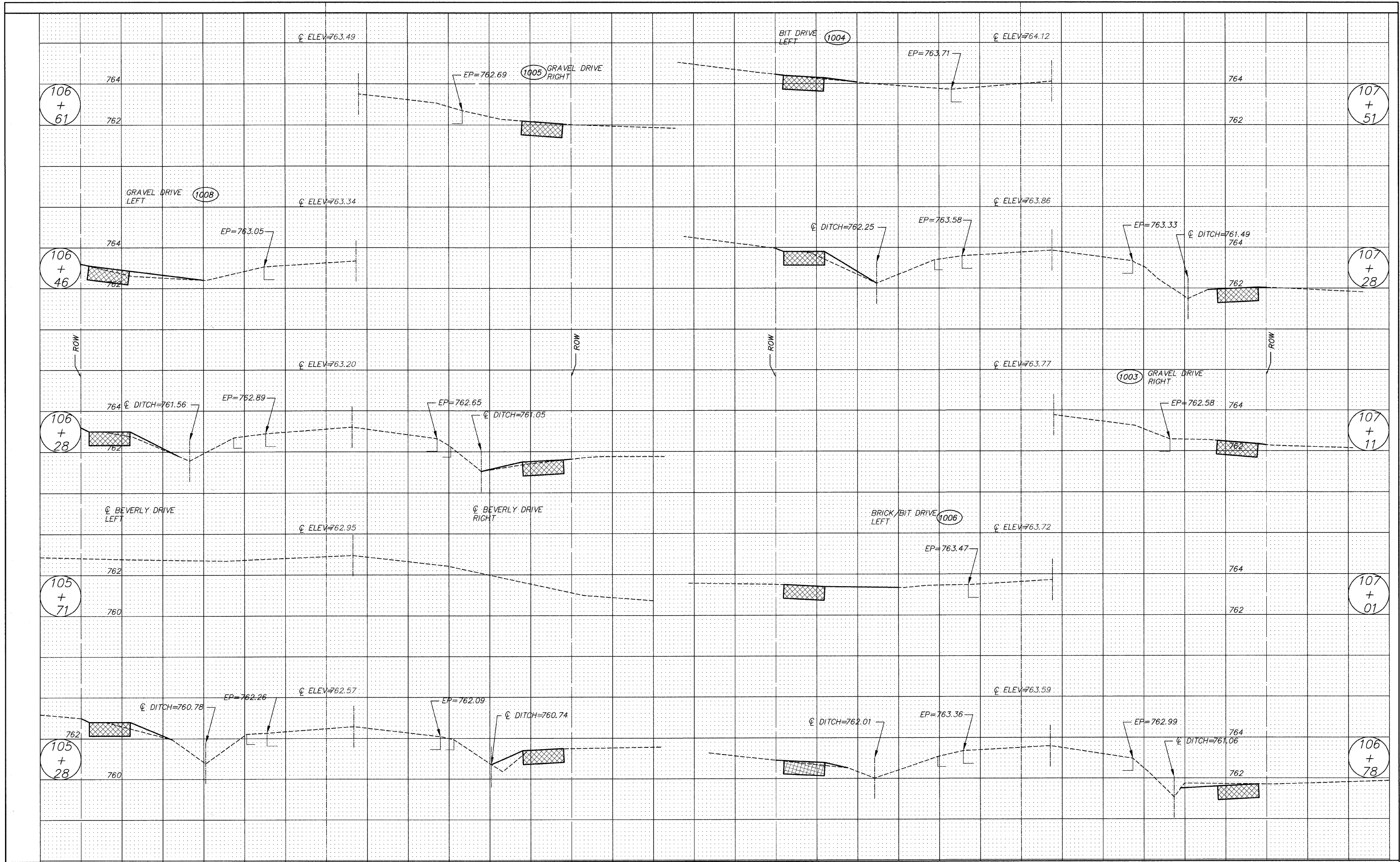
FILE NAME = 10258803.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPECIAL DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME =	DRAWN -- EC	REVISED --	---			08-00062-00-SW	LAKE	73	41	
PLOT SCALE =	CHECKED -- RJD	REVISED --	CONTRACT NO. 63280							
PLOT DATE =	DATE -- 10/02/09	REVISED --	ILLINOIS FED. AID PROJECT							
				SCALE: N.T.S.	SHEET NO. 41 OF 73 SHEETS					



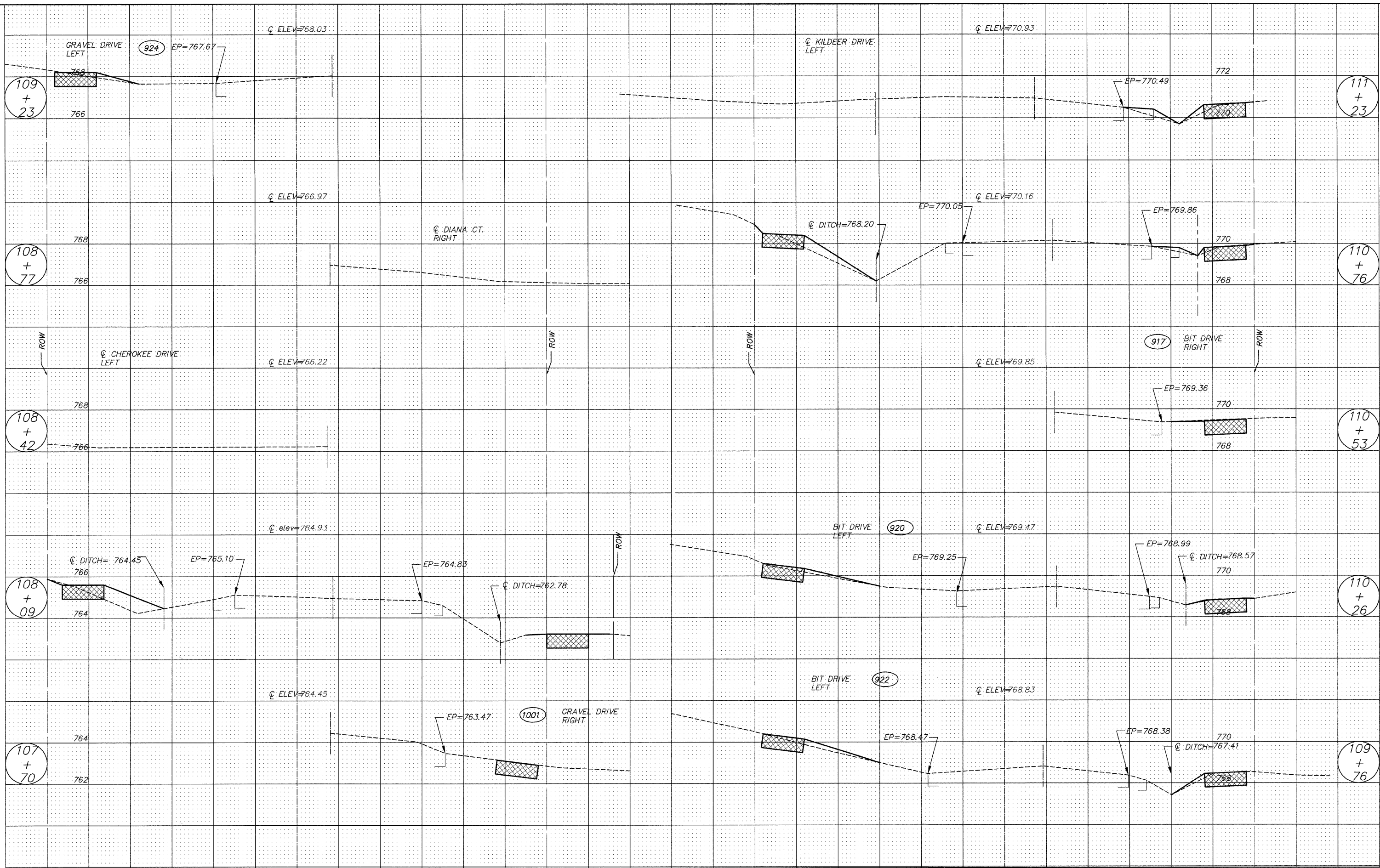
FILE NAME = 102588x3.DWG	USER NAME =	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS - SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME =	DRAWN - EC	REVISED -		SCALE: 1"=5'	SHEET NO. 42 OF 73 SHEETS	STA. 100+00	TO STA. 102+68	08-00062-00-SW	LAKE	73	42
	PLOT SCALE =	CHECKED - RJD	REVISED -		CONTRACT NO. 63280							
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT							



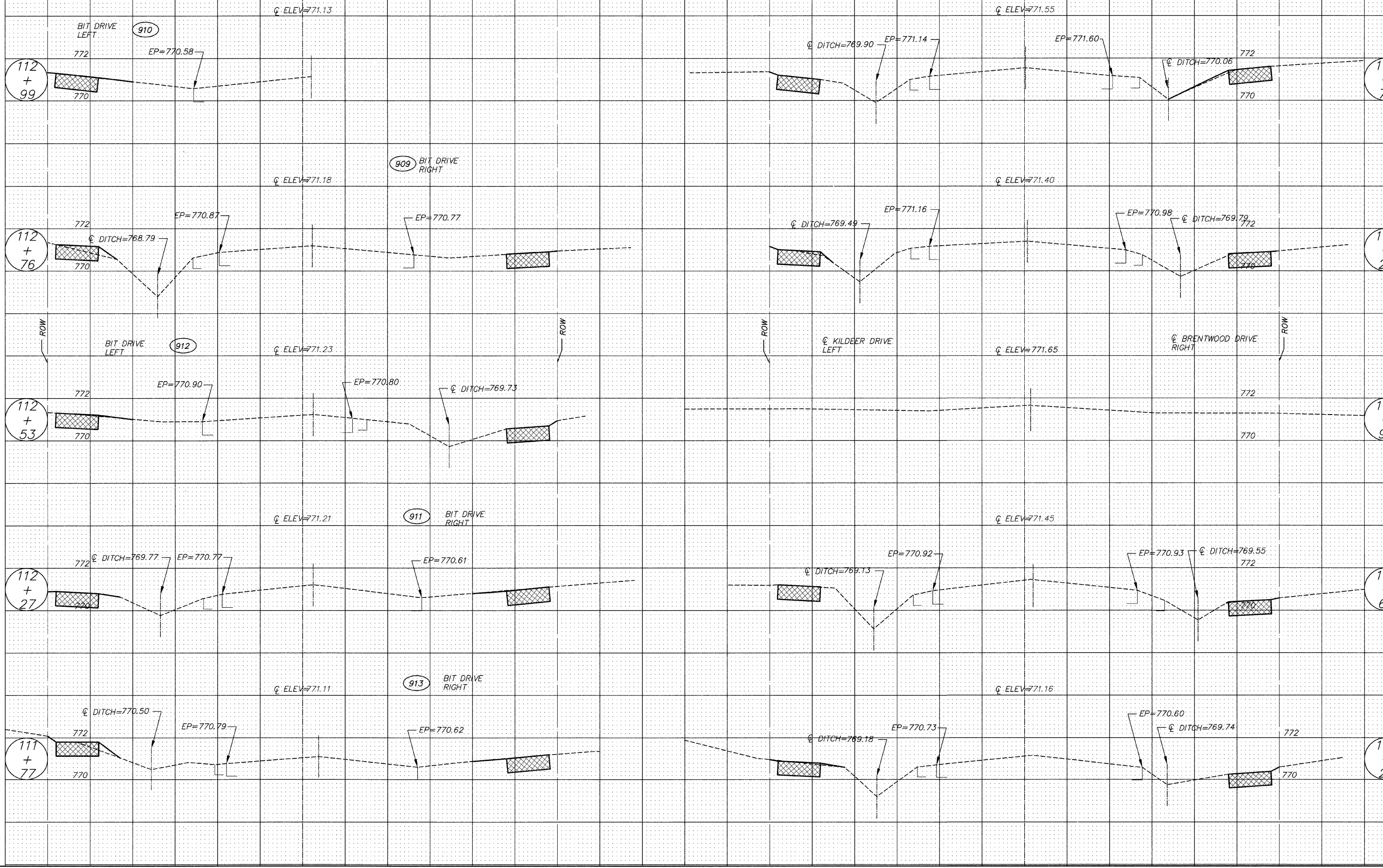
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	FILE NAME =	DRAWN - EC	REVISED -						---	08-00062-00-SW	LAKE	73	43
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"-5'	SHEET NO. 43 OF 73 SHEETS	STA. 102+97	TO STA. 104+78	CONTRACT NO. 63280		ILLINOIS FED. AID PROJECT		
	PLOT DATE =	DATE - 10/02/09	REVISED -										

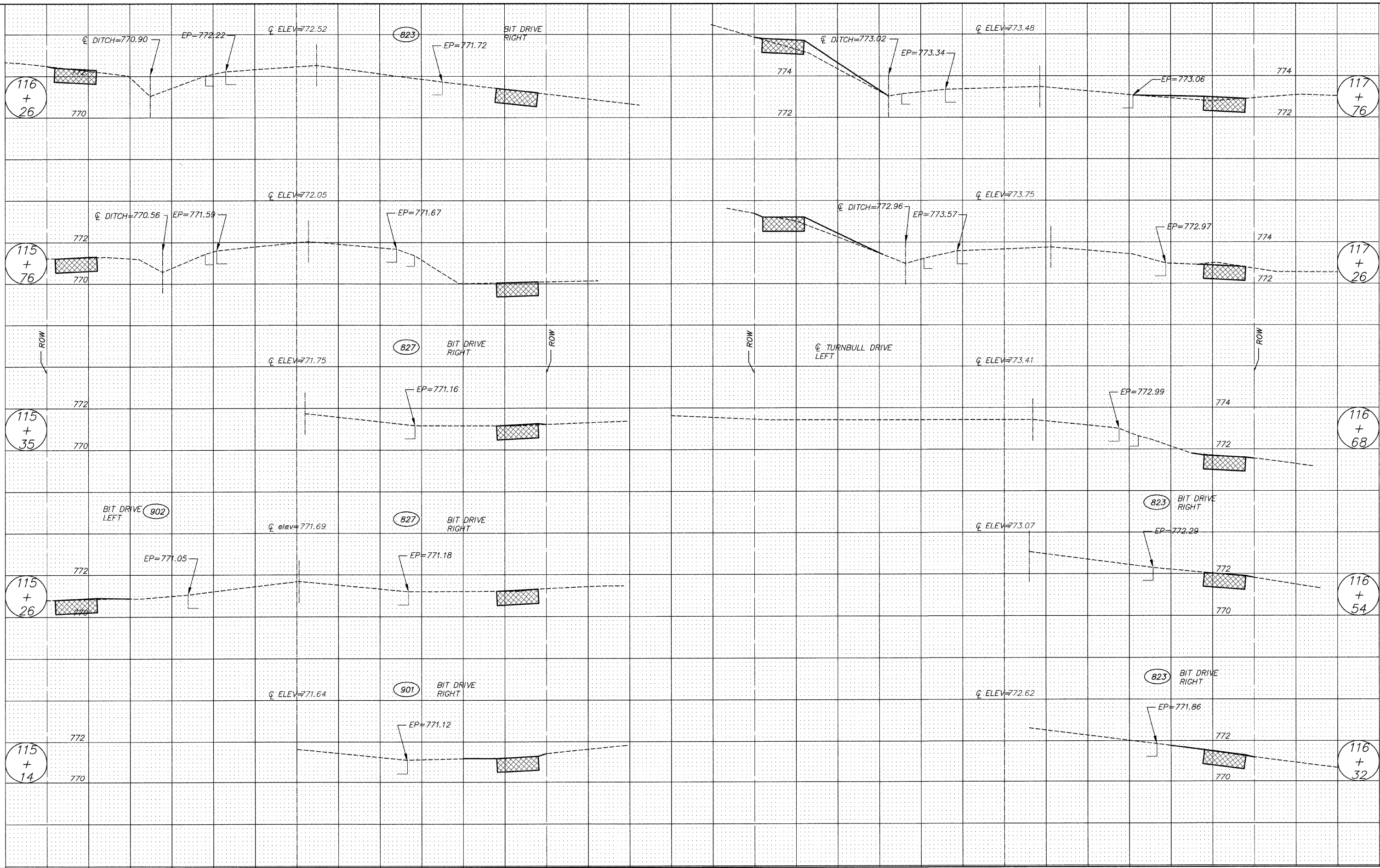


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	FILE NAME =	DRAWN -- EC	REVISED --		SCALE: 1"=5'	SHEET NO. 44 OF 73 SHEETS	STA. 105+28	08-00062-00-SW	LAKE	73	44
	PLOT SCALE =	CHECKED -- RJD	REVISED --				TO STA. 107+51				
	PLOT DATE =	DATE -- 10/02/09	REVISED --								
CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT											

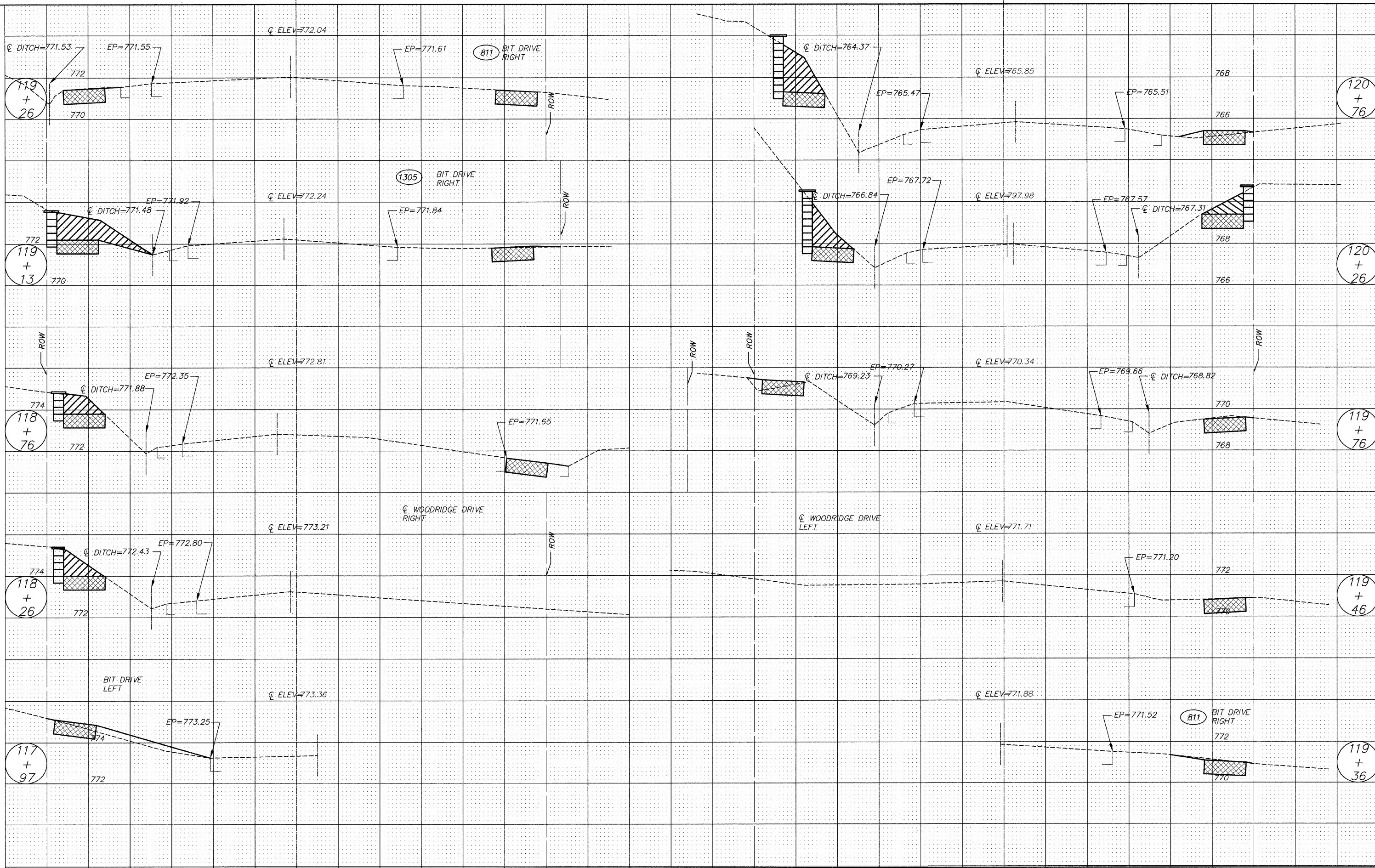


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	FILE NAME =	DRAWN -- EC	REVISED --		---	08-0062-00-SW	LAKE	73	45				
	PLOT SCALE =	CHECKED -- RJD	REVISED --		SCALE: 1"-5'	SHEET NO. 45 OF 73 SHEETS	STA. 107+70	TO STA. 111+23	CONTRACT NO. 63280				
	PLOT DATE =	DATE -- 10/02/09	REVISED --						ILLINOIS FED. AID PROJECT				

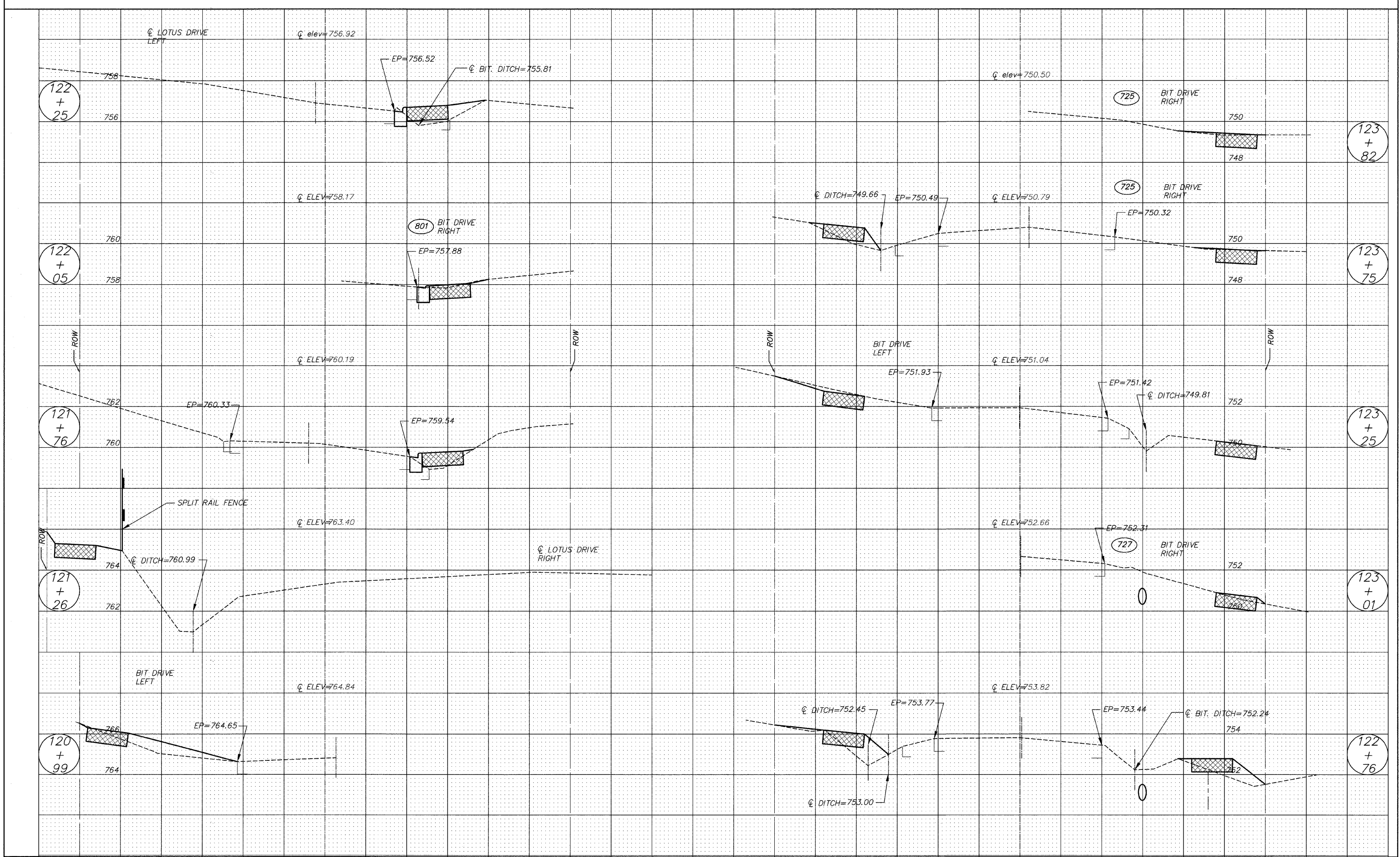




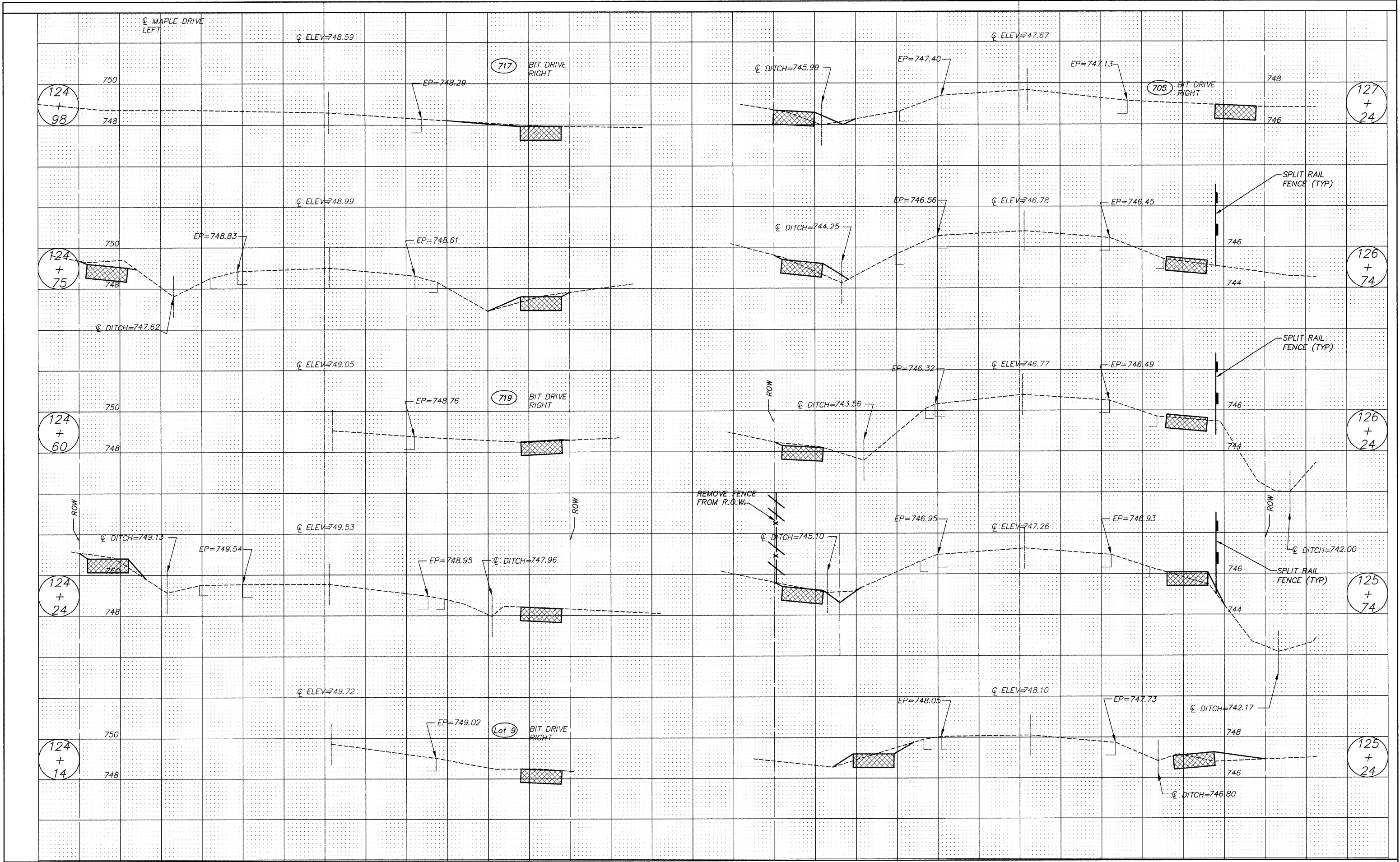
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	FILE NAME =	DRAWN - EC	REVISED -		SCALE: 1"=5'	SHEET NO. 47 OF 73 SHEETS	STA. 115+14	TO STA. 117+76	CONTRACT NO. 63280			
	PLOT SCALE =	CHECKED - RJD	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE =	DATE - 10/02/09	REVISED -									



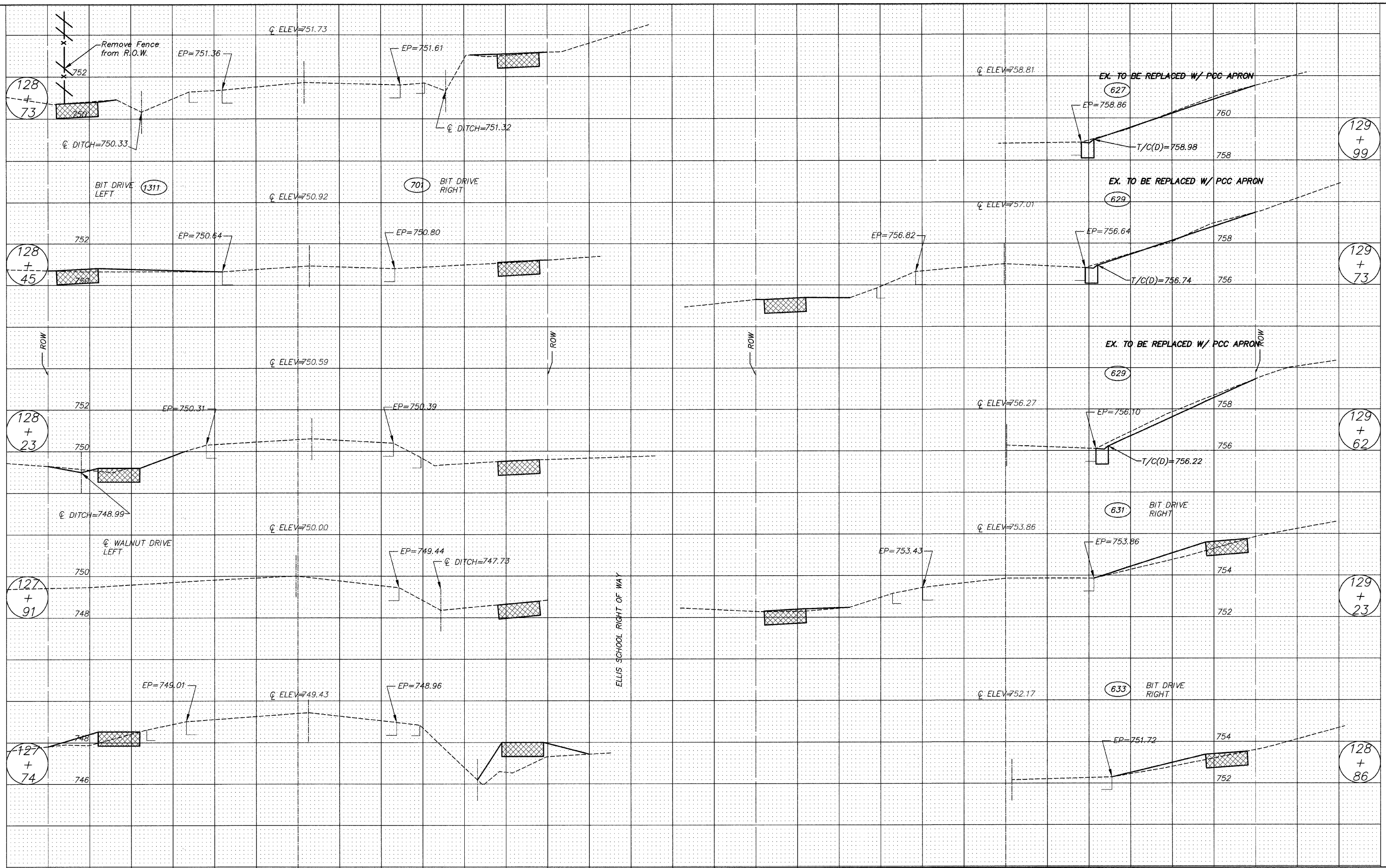
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	FILE NAME =	DRAWN - EC	REVISED -		SCALE: 1"=5'	SHEET NO. 48 OF 73 SHEETS	STA. 117+97	TO STA. 120+76	CONTRACT NO. 63280				
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	PLOT DATE =	DATE - 10/02/09	REVISED -										



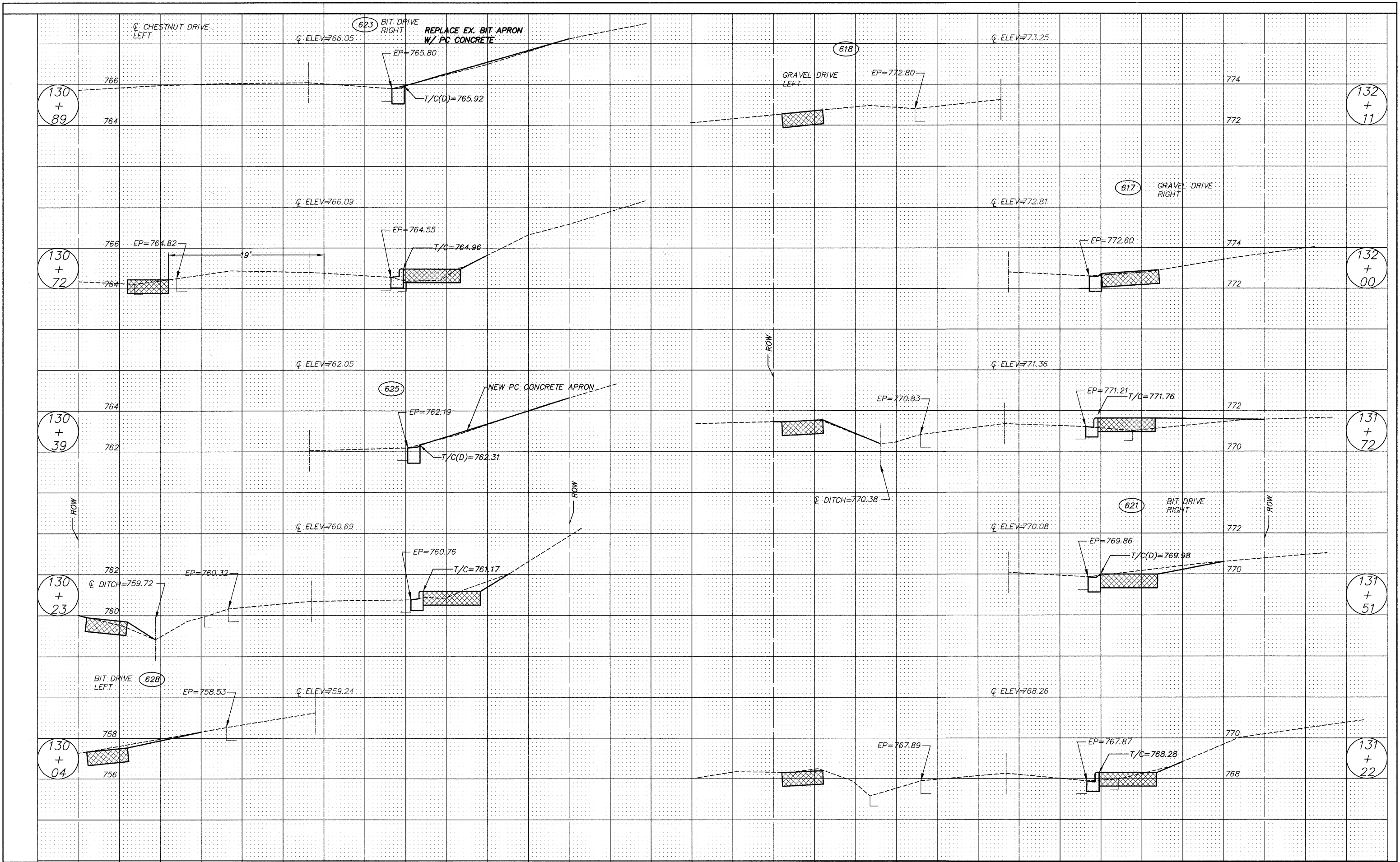
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	49		
	PLOT SCALE =	CHECKED - RJD.	REVISED -		SCALE: 1"=5'	SHEET NO. 49 OF 73 SHEETS	STA. 120+99	TO STA. 123+82	CONTRACT NO. 63280		
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT						



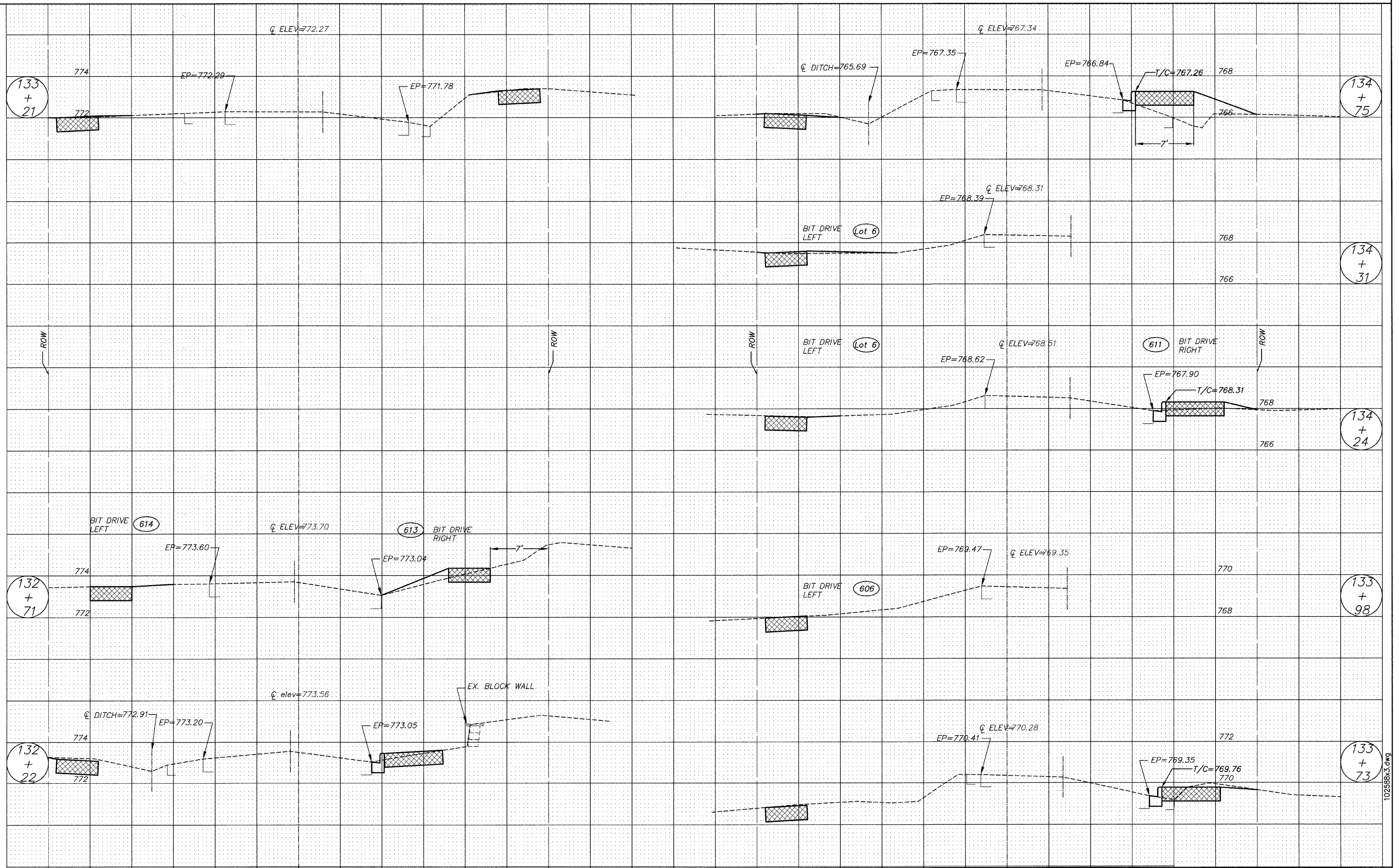
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	FILE NAME =	DRAWN - EC	REVISED -			---	08-00062-00-SW	LAKE	73	50	
	PLOT SCALE =	CHECKED - RJD	REVISED -			CONTRACT NO. 63280					
	PLOT DATE =	DATE - 10/02/09	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1"=5'		SHEET NO. 50 OF 73 SHEETS		STA. 124+14		TO STA. 127+24	



FILE NAME = 102588x3.DWG	USER NAME =	DESIGNED - RJD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION				F.A. RTE. ---	SECTION 08-00062-00-SW	COUNTY LAKE	TOTAL SHEETS 73	SHEET NO. 51
	FILE NAME =	DRAWN - EC	REVISED -		SCALE: 1"=5'	SHEET NO. 51 OF 73 SHEETS	STA. 127+74	TO STA. 129+99	CONTRACT NO. 63280				
	PLOT SCALE =	CHECKED - RJD	REVISED -		ILLINOIS FED. AID PROJECT								
	PLOT DATE =	DATE - 10/02/09	REVISED -										

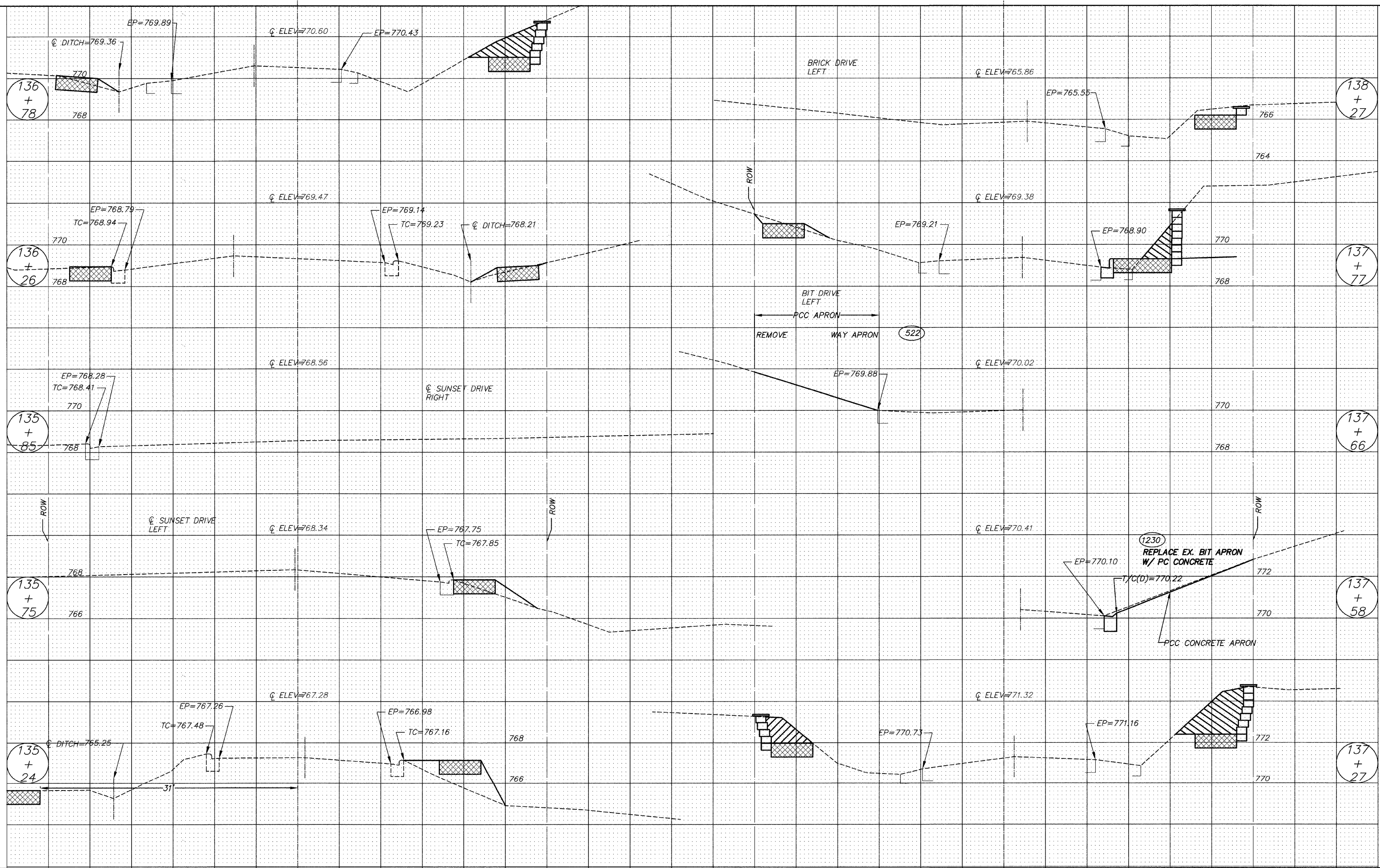


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	FILE NAME =	DRAWN - EC	REVISED -		SCALE: 1"=5'	SHEET NO. 52 OF 73 SHEETS	STA. 130+04	TO STA. 132+11	CONTRACT NO. 63280			
	PLOT SCALE =	CHECKED - RJD	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE =	DATE - 10/02/09	REVISED -									

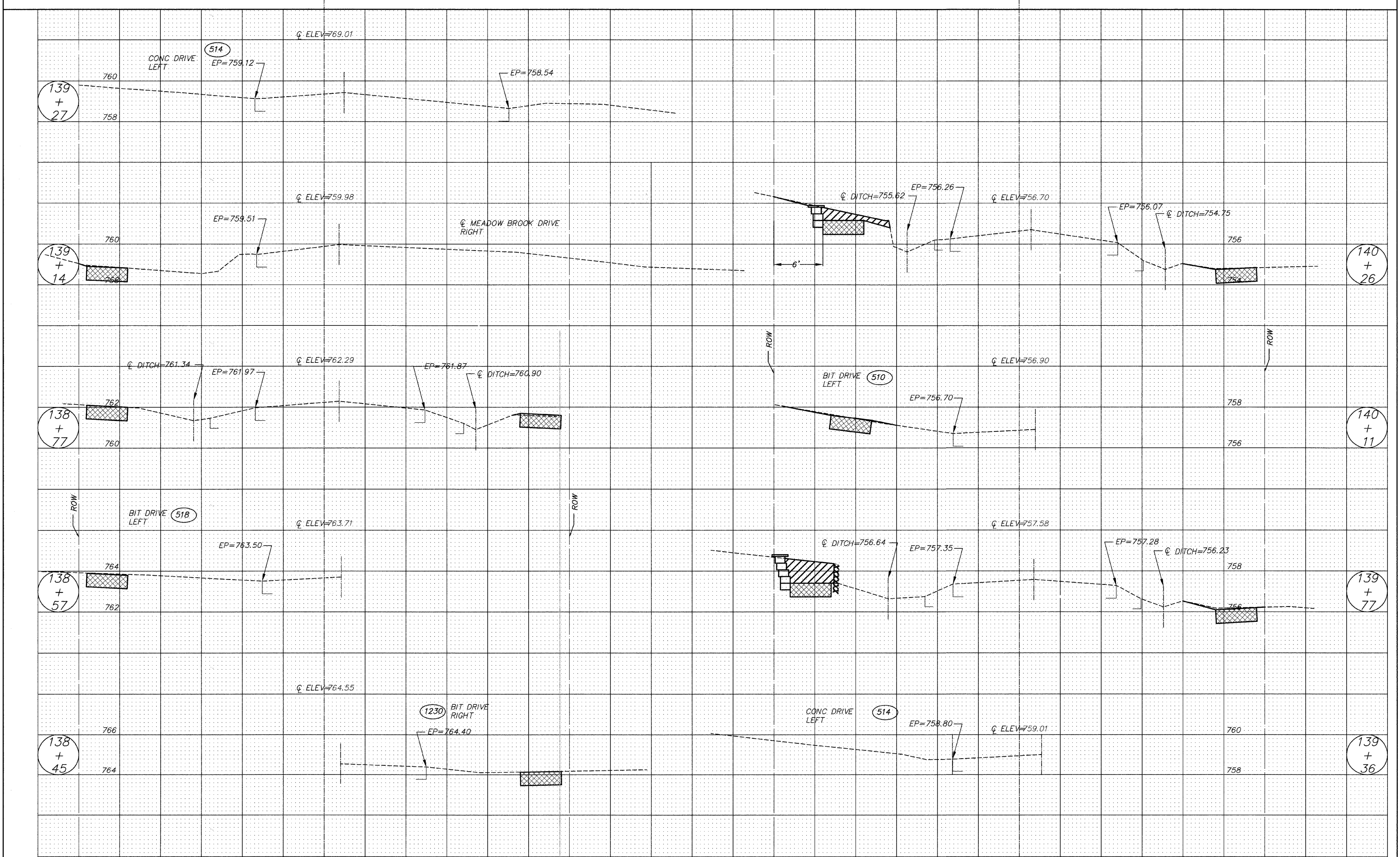


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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	53			
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 53 OF 73 SHEETS	STA. 132+22	TO STA. 134+75	CONTRACT NO. 63280			
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT							

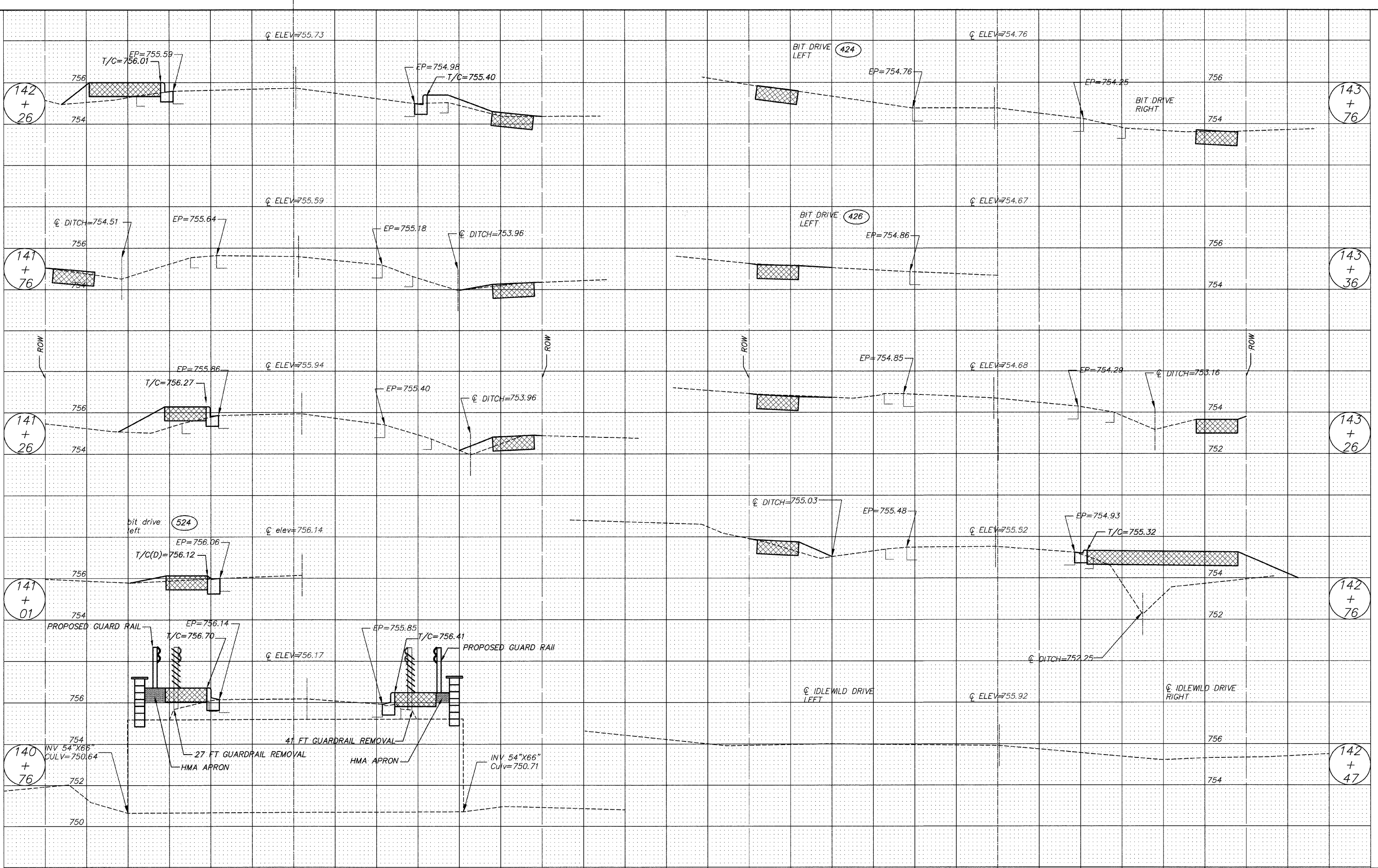
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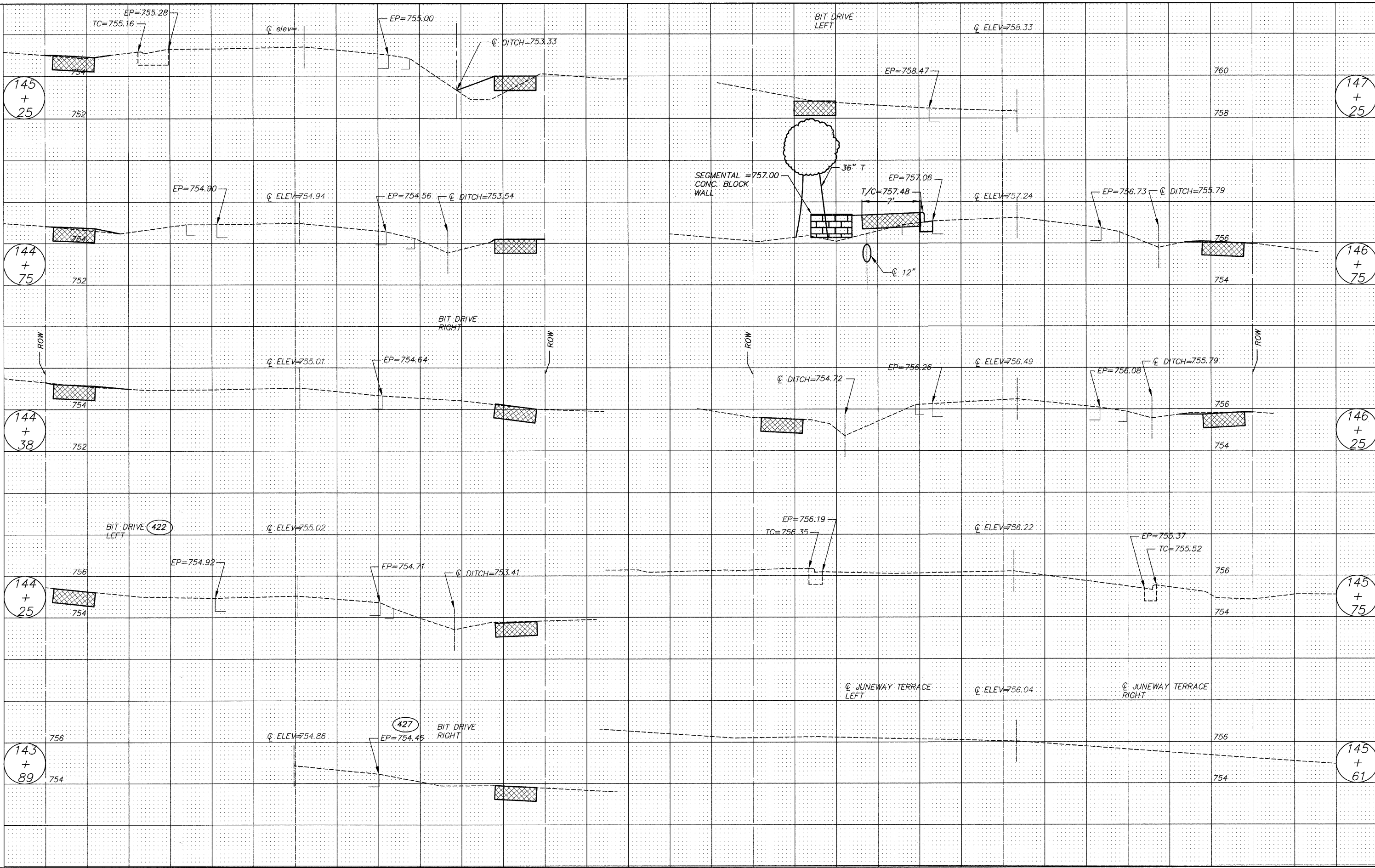
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	FILE NAME =	DRAWN - EC	REVISED -				---	08-00062-00-SW	LAKE	73	54
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 54 OF 73 SHEETS	STA. 135+24	TO STA. 138+27		CONTRACT NO. 63280	
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT						



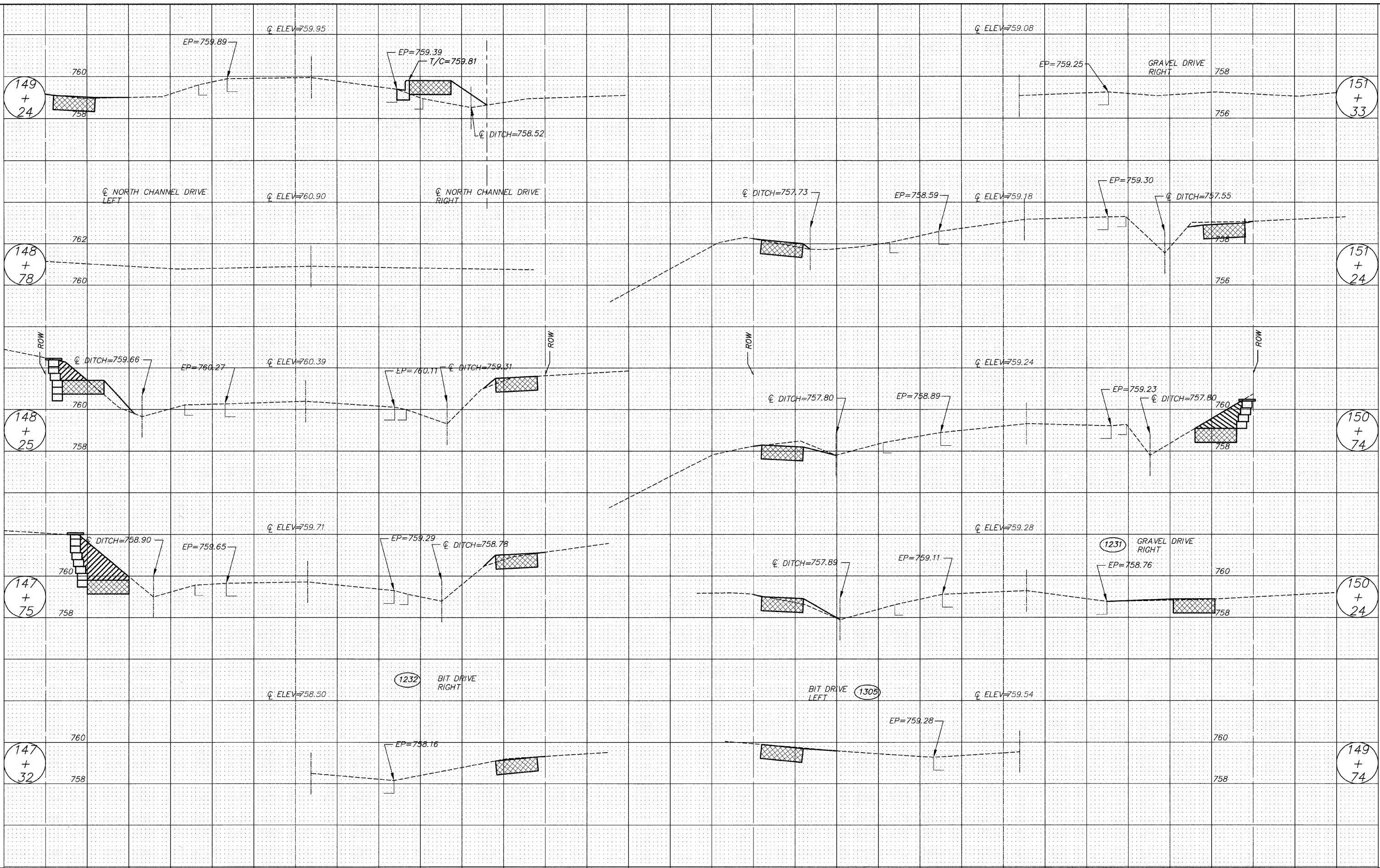
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	FILE NAME =	DRAWN - EC	REVISED -					---	08-00062-00-SW	LAKE	73	55
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 55 OF 73 SHEETS	STA. 138+45	TO STA. 140+26	CONTRACT NO. 63280			
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT							



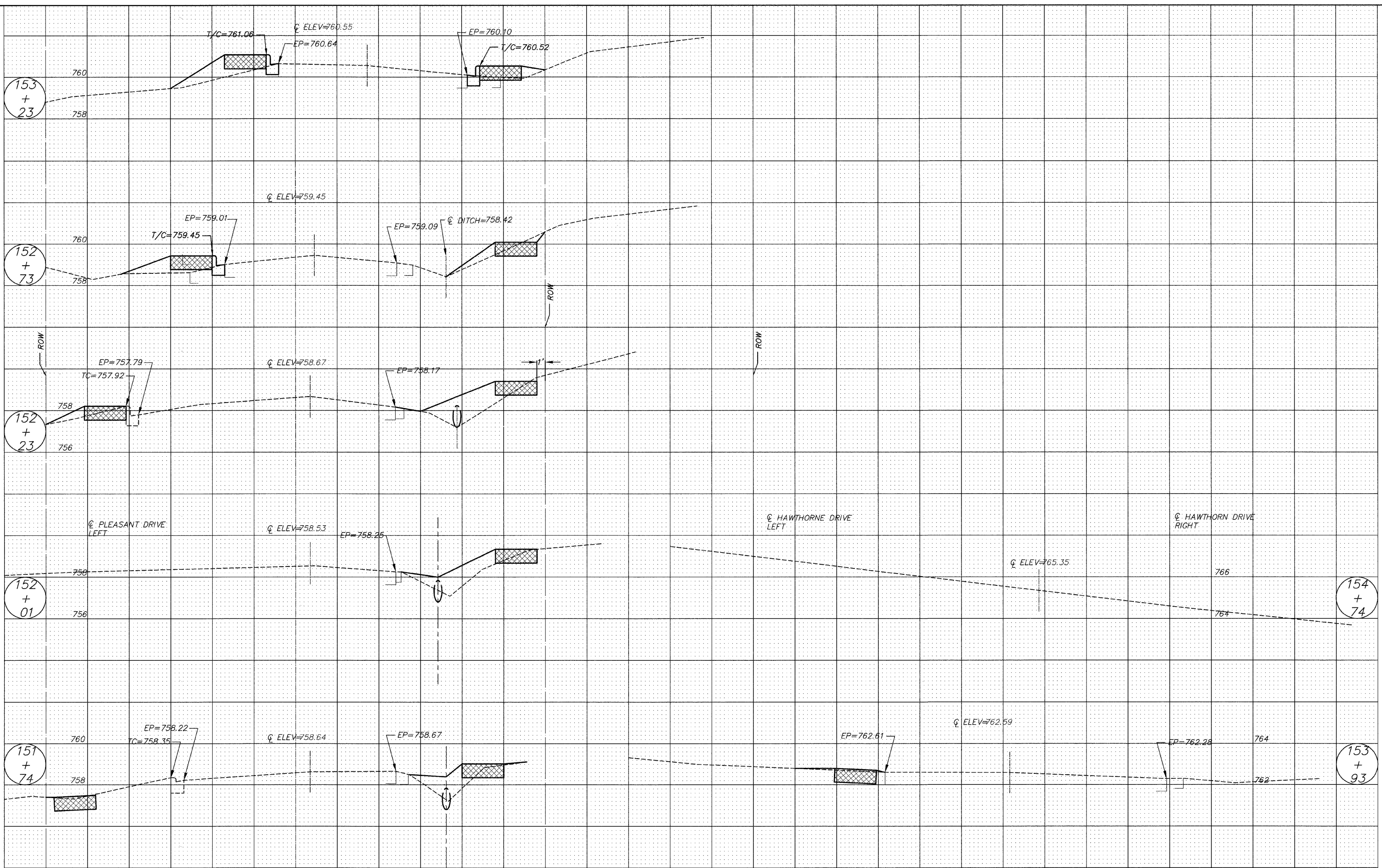
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	FILE NAME =	DRAWN -- EC	REVISED --		SCALE: 1"=5'				---	08-00062-00-SW	LAKE	73	56
	PLOT SCALE =	CHECKED -- RJD	REVISED --		SHEET NO. 56 OF 73 SHEETS STA. 140+76 TO STA. 143+76				CONTRACT NO. 63280				
	PLOT DATE =	DATE -- 10/02/09	REVISED --		ILLINOIS FED. AID PROJECT								



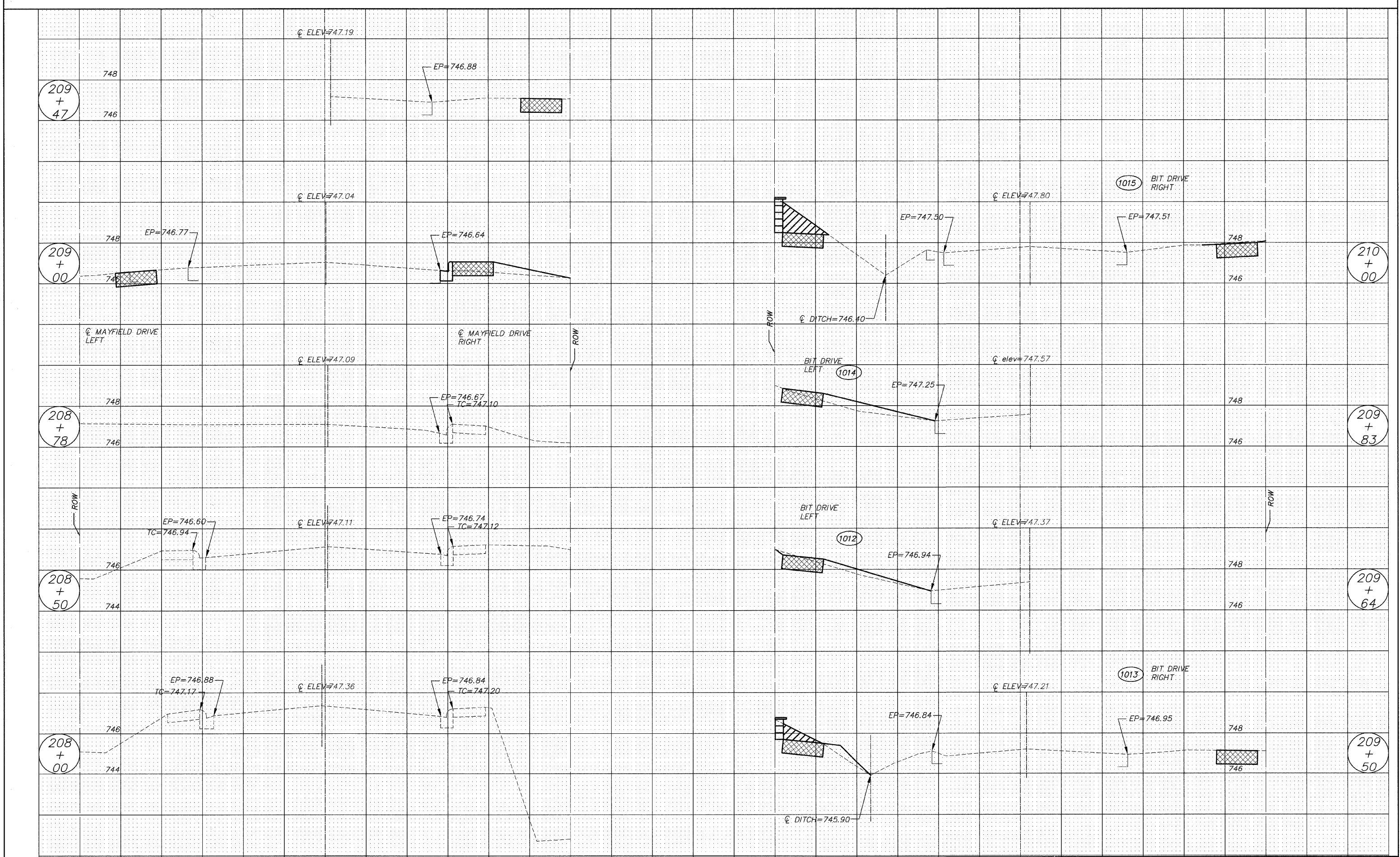
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	57				
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 57 OF 73 SHEETS	STA. 143+89	TO STA. 147+25	CONTRACT NO. 63280				
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT								



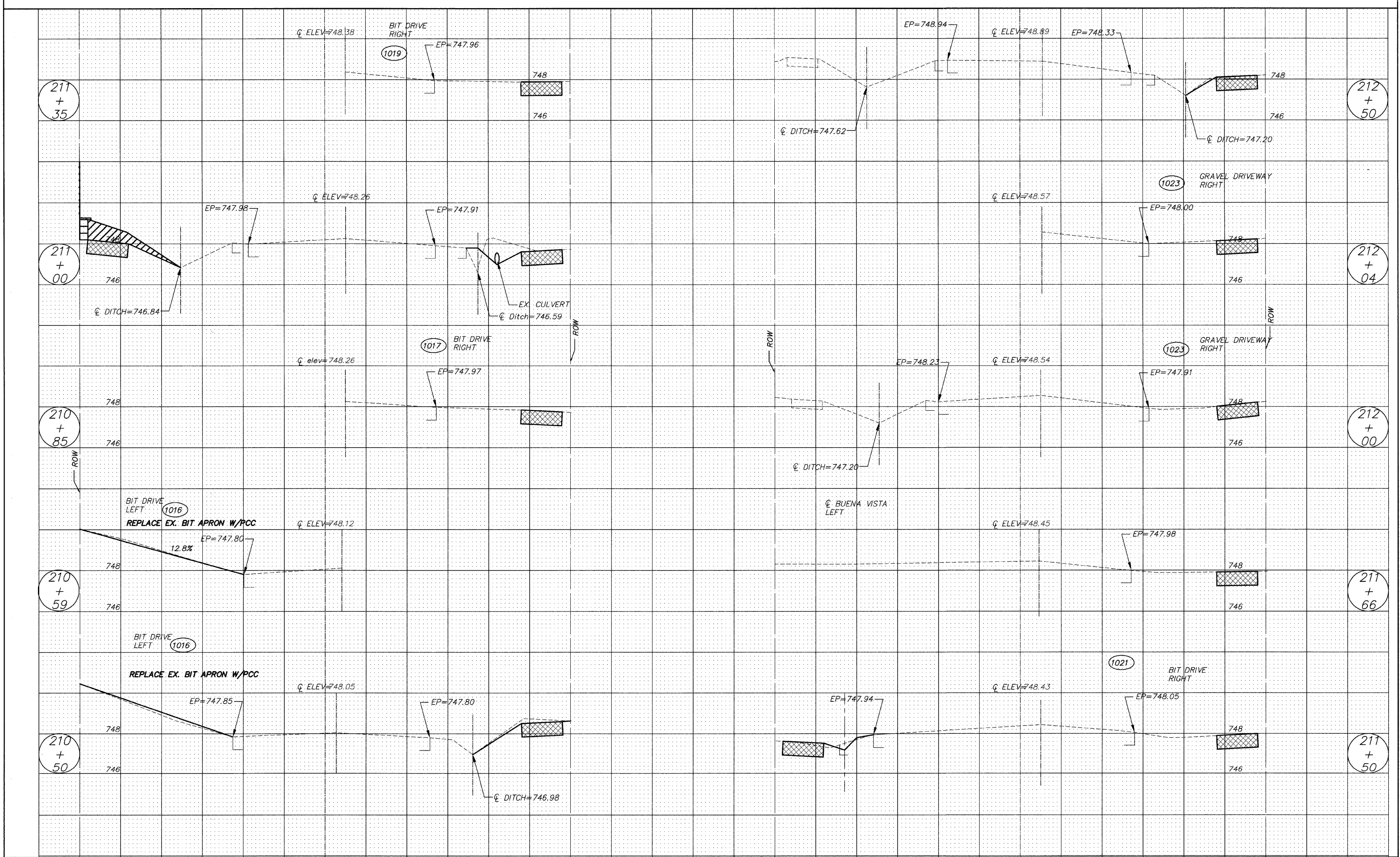
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	58				
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 58 OF 73 SHEETS	STA. 147+32	TO STA. 151+33	CONTRACT NO. 63280				
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT								



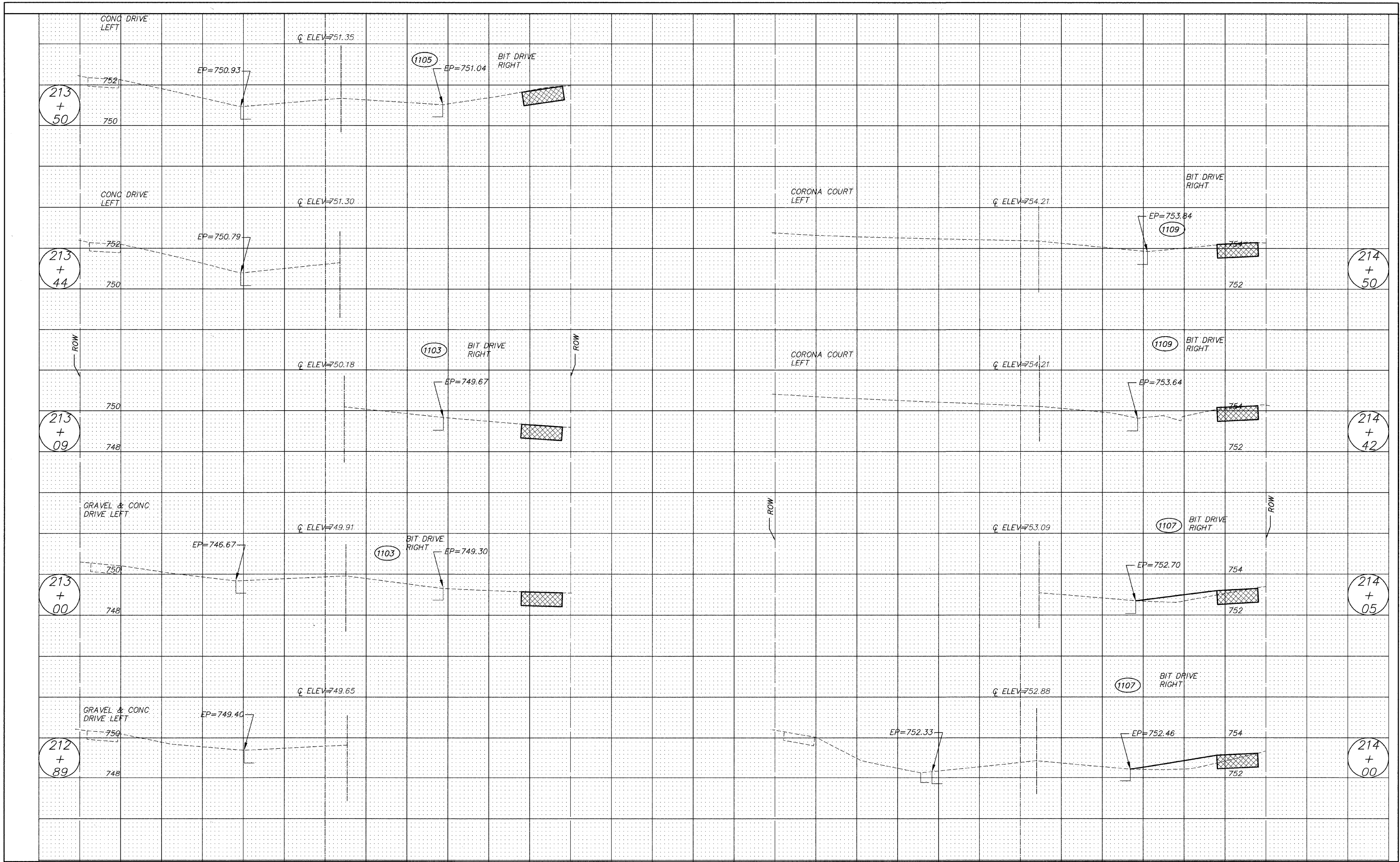
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	59				
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 59 OF 73 SHEETS	STA. 151+74	TO STA. 154+74	CONTRACT NO. 63280				
	PLOT DATE =	DATE - 10/02/09	REVISED -						ILLINOIS FED. AID PROJECT				



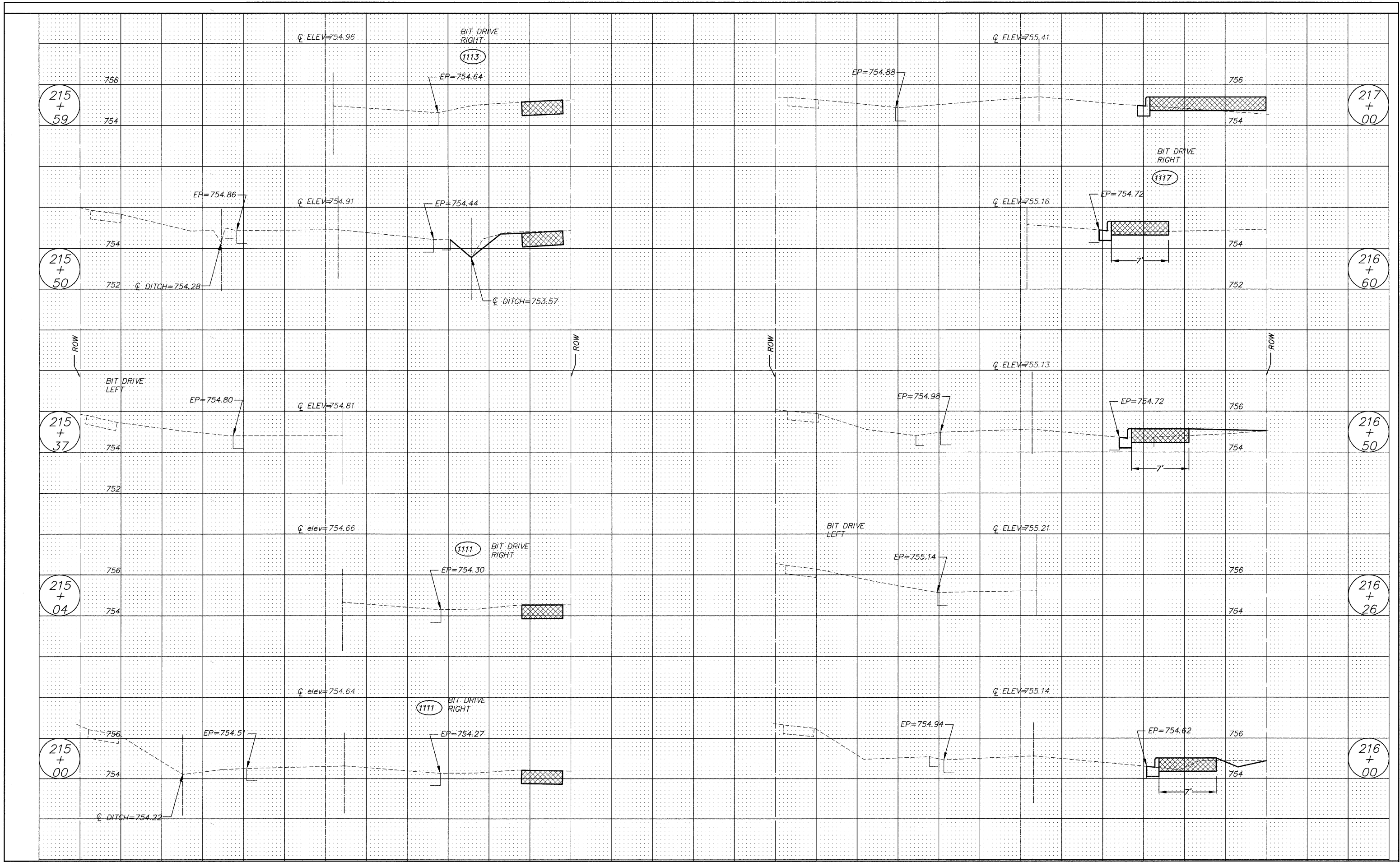
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	60				
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 60 OF 73 SHEETS	STA. 208+00	TO STA. 210+00	CONTRACT NO. 63280				
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT								



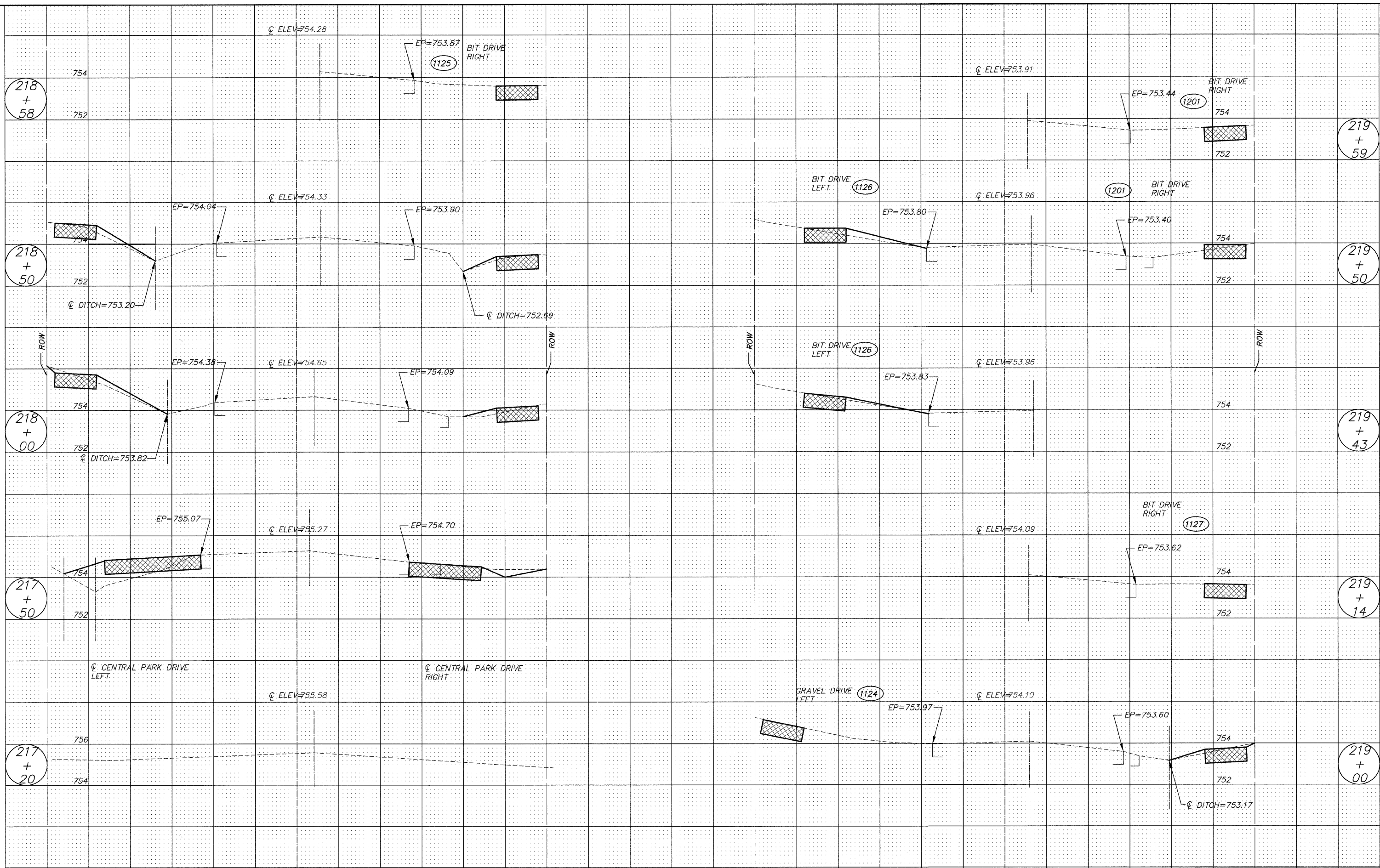
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	61				
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"-5'	SHEET NO. 61 OF 73 SHEETS	STA. 210+50	TO STA. 121+50	CONTRACT NO. 63280				
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT								



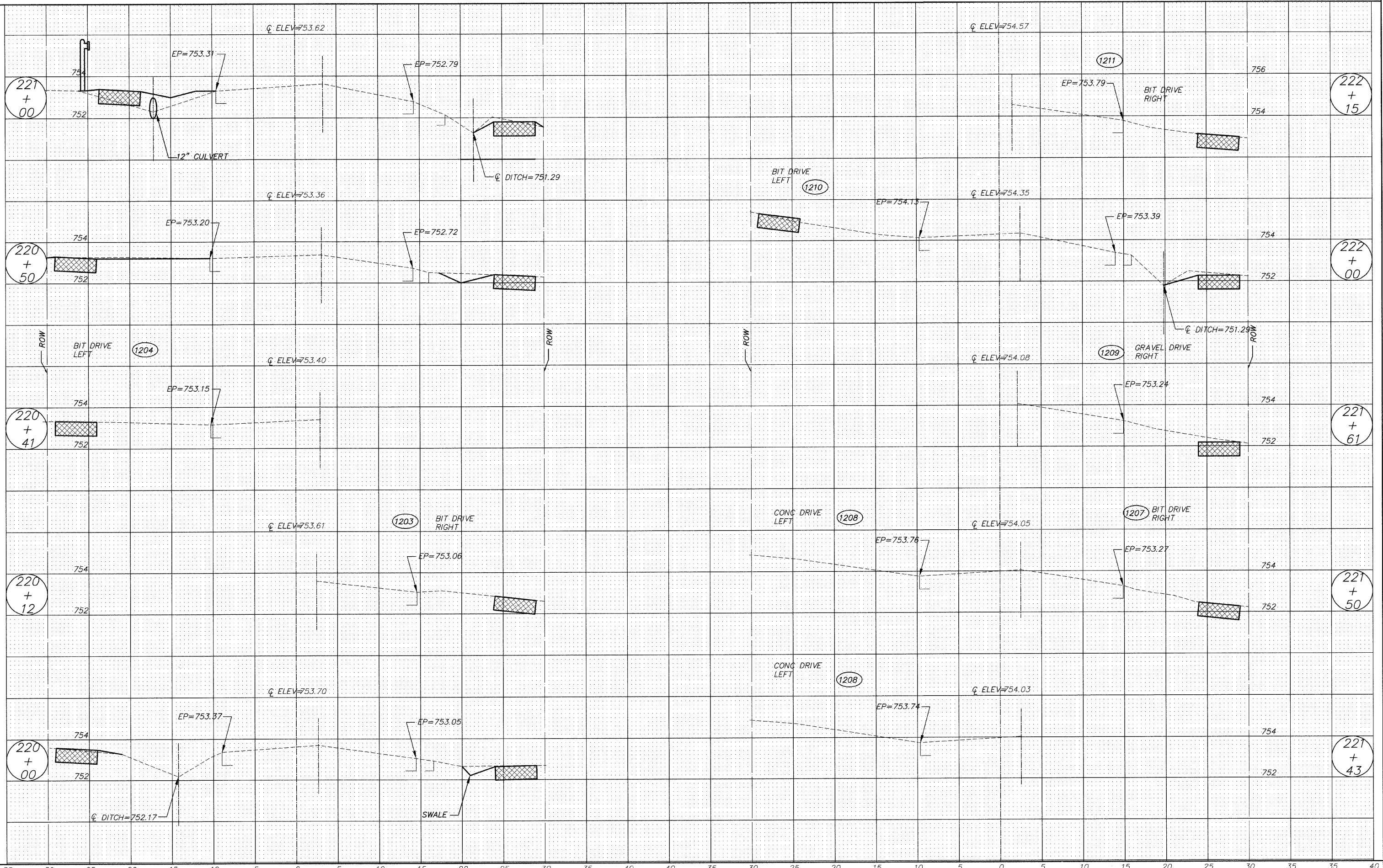
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	FILE NAME =	DRAWN - EC	REVISED -						---	08-00062-00-SW	LAKE	73	62	
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"-5'				SHEET NO. 62 OF 73 SHEETS		STA. 212+89 TO STA. 214+50		CONTRACT NO. 63280	
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT									



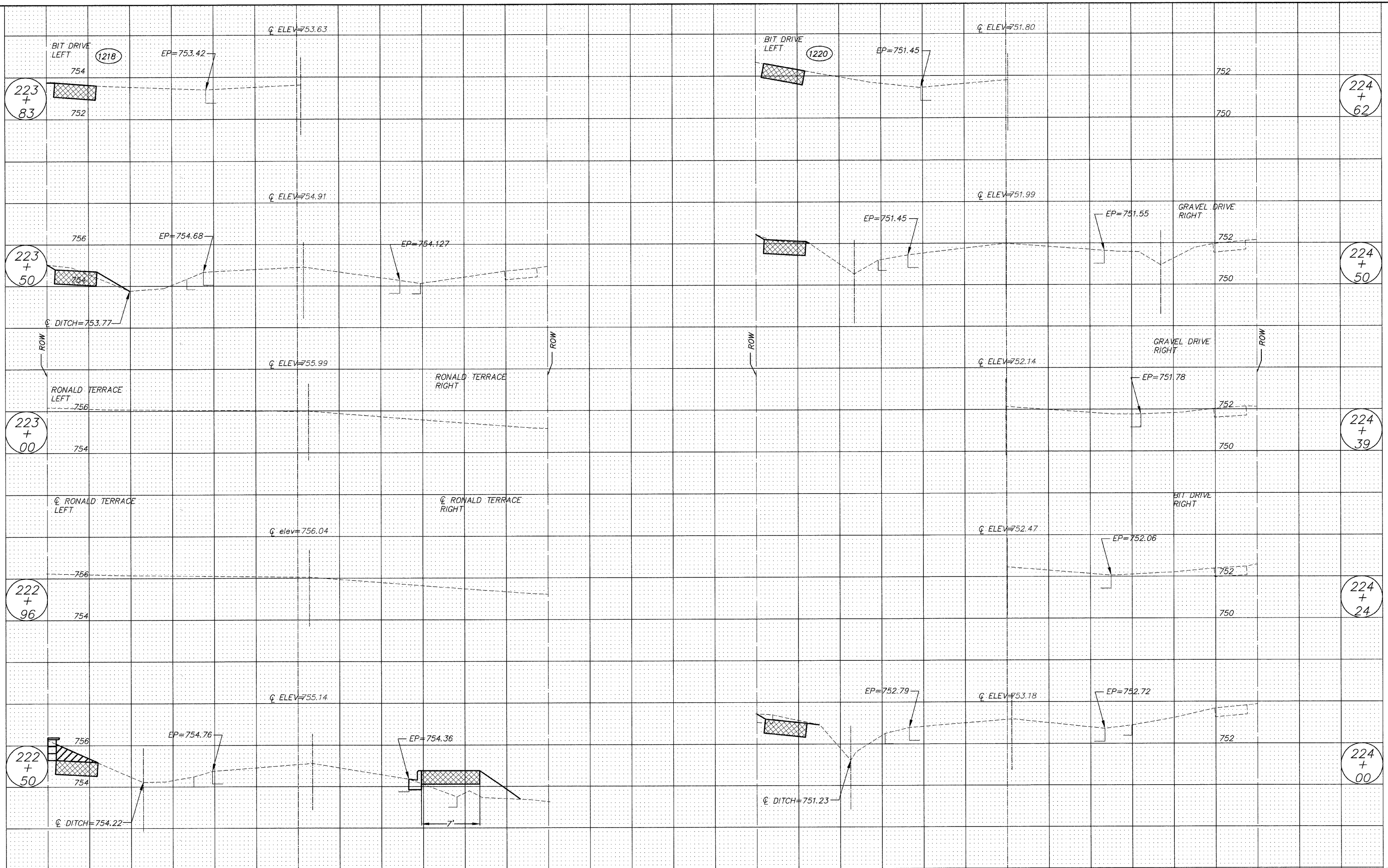
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	FILE NAME =	DRAWN - EC	REVISED -		---	08-00062-00-SW	LAKE	73	63				
	PLOT SCALE =	CHECKED - RJD	REVISED -		SCALE: 1"=5'	SHEET NO. 63 OF 73 SHEETS	STA. 215+00	TO STA. 217+00	CONTRACT NO. 63280				
	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT								



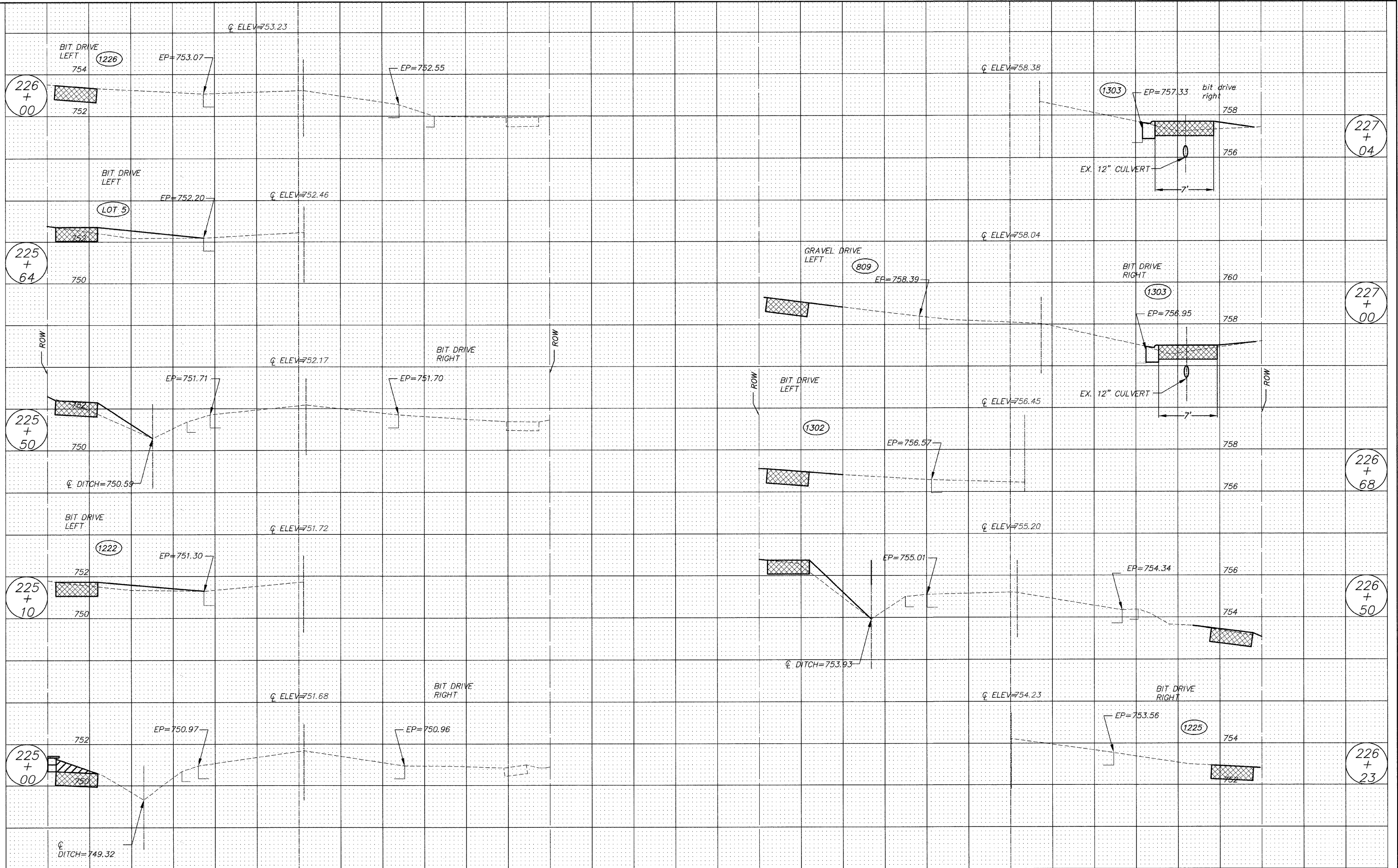
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PLOT SCALE =												DRAWN - EC		REVISED -		---	08-00062-00-SW													LAKE	73	64						
PLOT DATE =												CHECKED - RJD		REVISED -		CONTRACT NO. 63280	ILLINOIS FED. AID PROJECT																					
DATE - 10/02/09												REVISED -		SCALE: 1"=5'	SHEET NO. 64 OF 73 SHEETS	STA. 217+20	TO STA. 219+59																					



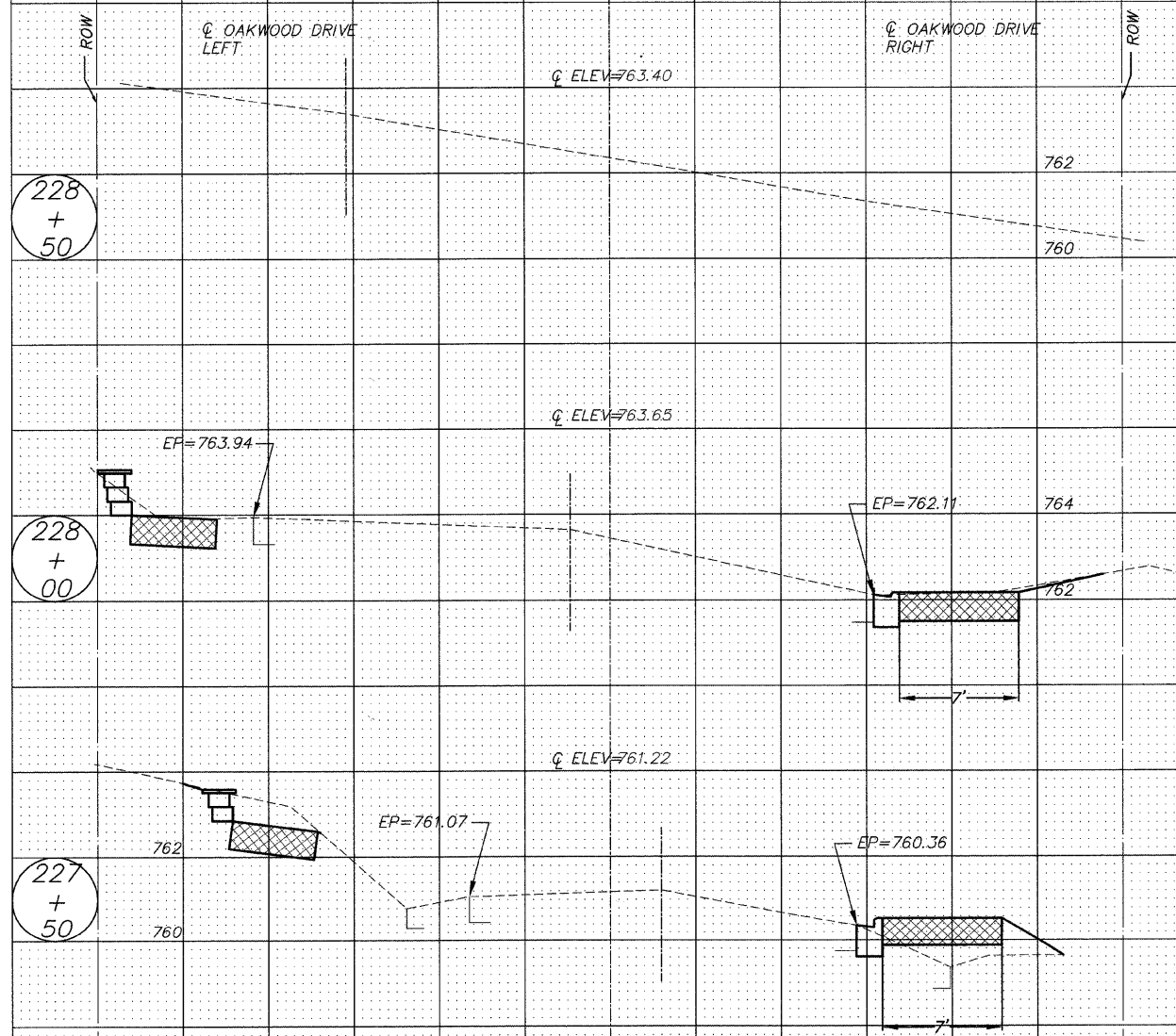
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	FILE NAME =	DRAWN -- EC	REVISED --		SCALE: 1"=5'	SHEET NO. 65 OF 73 SHEETS	STA. 220+00 TO STA. 222+15	08-0062-00-SW	LAKE	73	65
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	PLOT DATE =	DATE -- 10/02/09	REVISED --								ILLINOIS FED. AID PROJECT



FILE NAME = 102588x1.DWG	USER NAME =	DESIGNED -- RJD	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE =	CHECKED -- RJD	REVISED --		CONTRACT NO. 63280						
	PLOT DATE =	DATE -- 10/02/09	REVISED --		ILLINOIS FED. AID PROJECT						



35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40																																														
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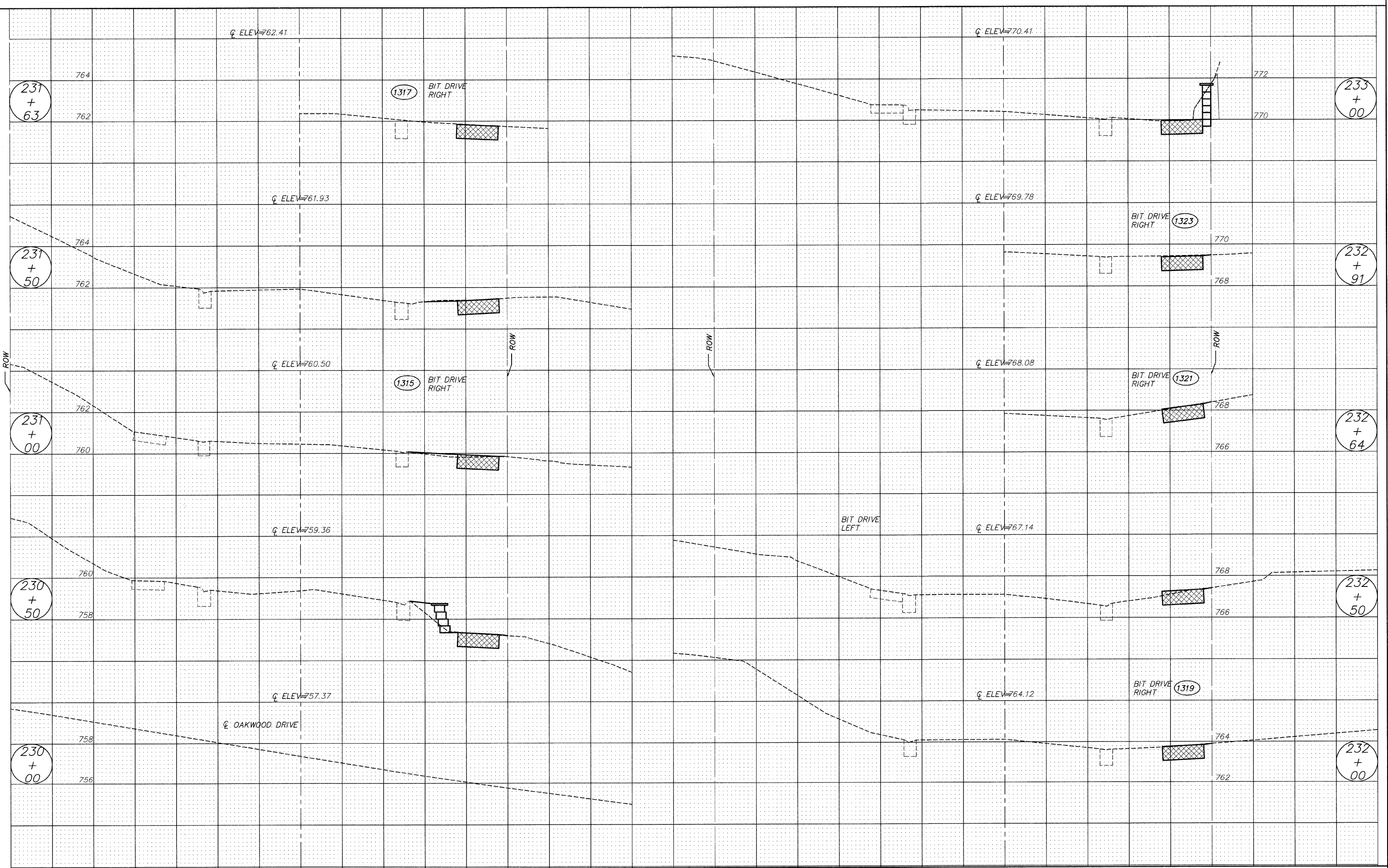


228
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50

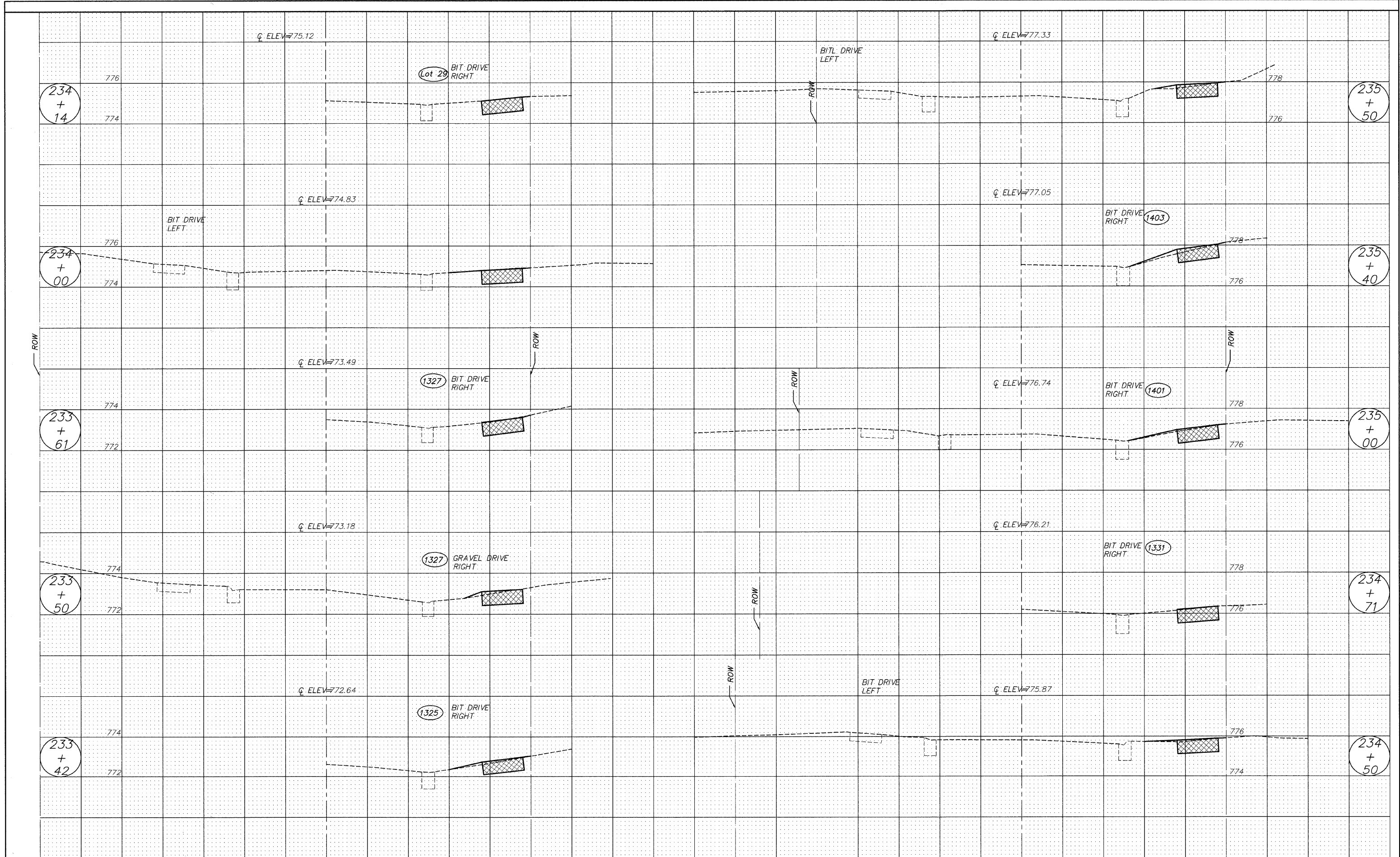
228
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227
+
50

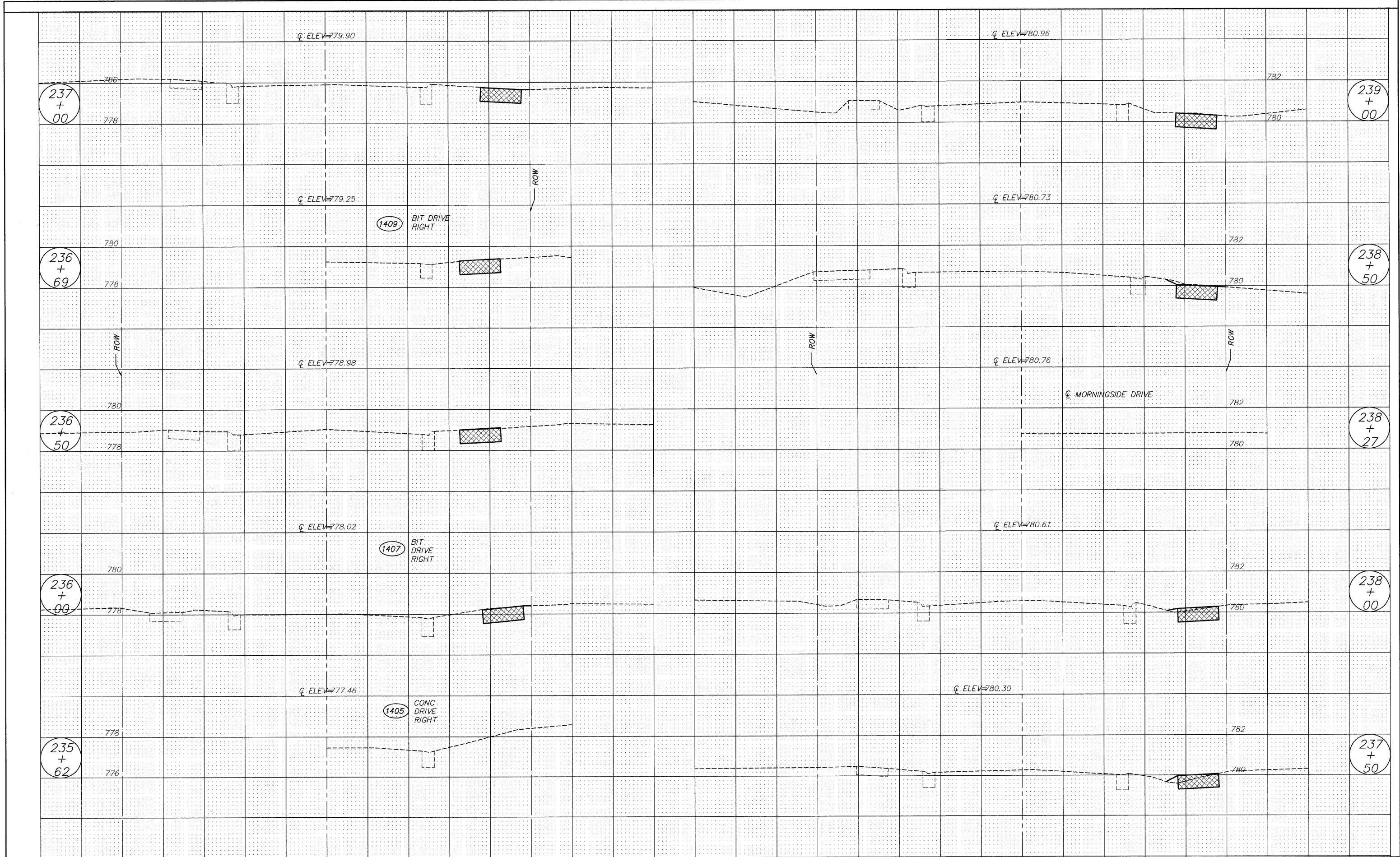
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FILE NAME =																	DRAWN -- EC			REVISED --			---	08-00062-00-SW												LAKE	73	68			
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PLOT DATE =																	DATE -- 10/02/09			REVISED --			SCALE: 1"=5'													SHEET NO. 68 OF 73 SHEETS		STA. 227+50 TO STA. 228+50			



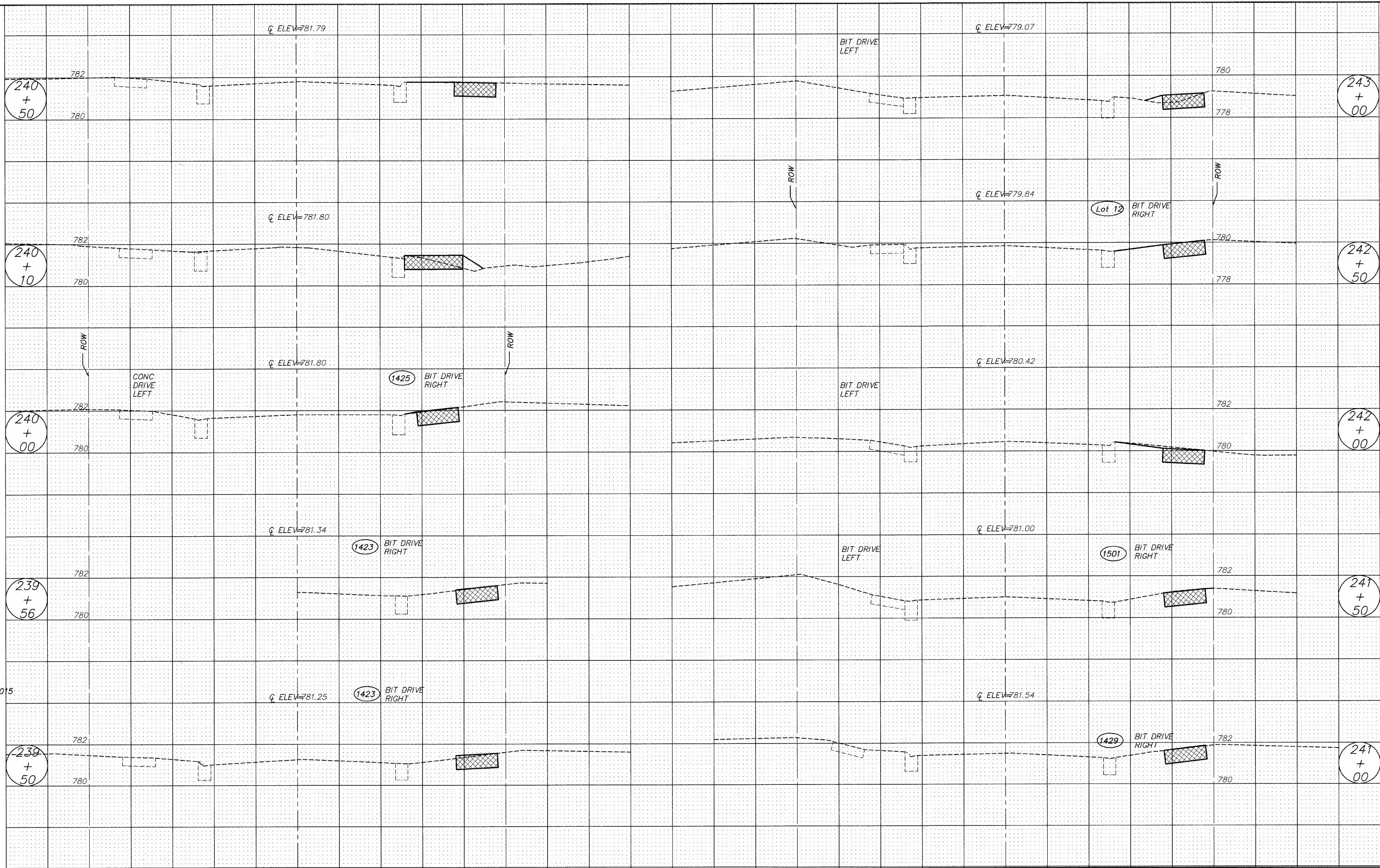
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	PLOT DATE =	DATE -- 10/02/09	REVISED --		ILLINOIS FED. AID PROJECT						



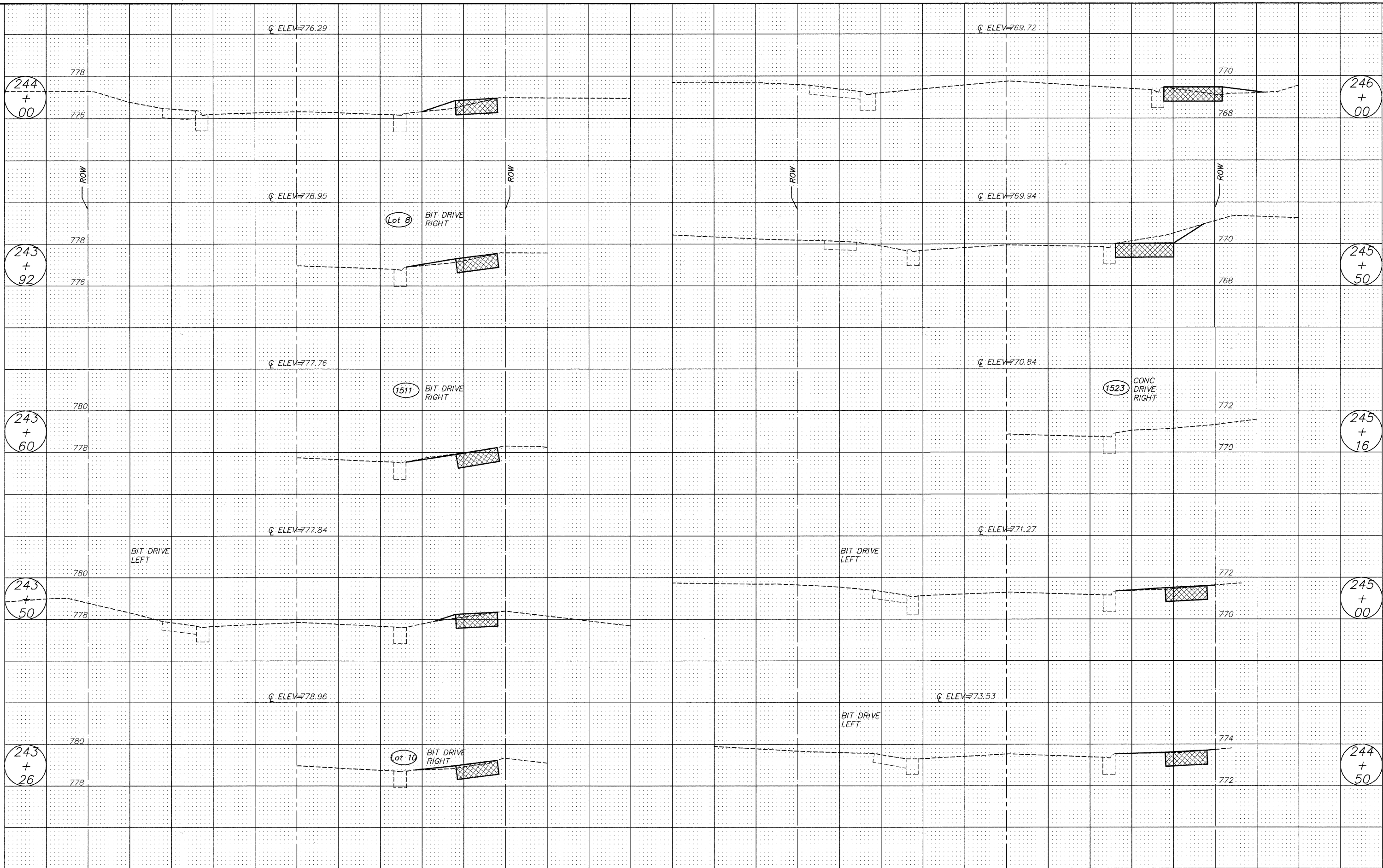
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PLOT DATE =		DATE -- 10/02/09		REVISED --																													



FILE NAME = 102588x2.DWG	USER NAME =	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE =	DATE -- 10/02/09	REVISED --			STA. 235+62 TO STA. 239+00		ILLINOIS FED. AID PROJECT		



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	PLOT DATE =	DATE - 10/02/09	REVISED -		ILLINOIS FED. AID PROJECT						



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	PLOT DATE =	DATE - 10/02/09	REVISED -			CONTRACT NO. 63280 ILLINOIS FED. AID PROJECT					