

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	1
ILLINOIS CONTRACT NO. 63781				

**INDEX OF SHEETS 06-14-13 LETTING ITEM 140**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

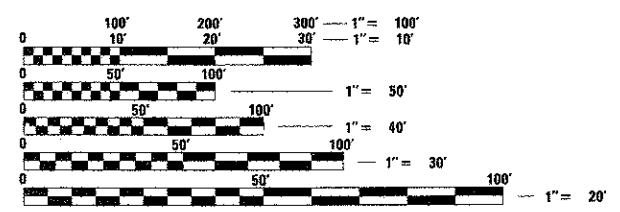
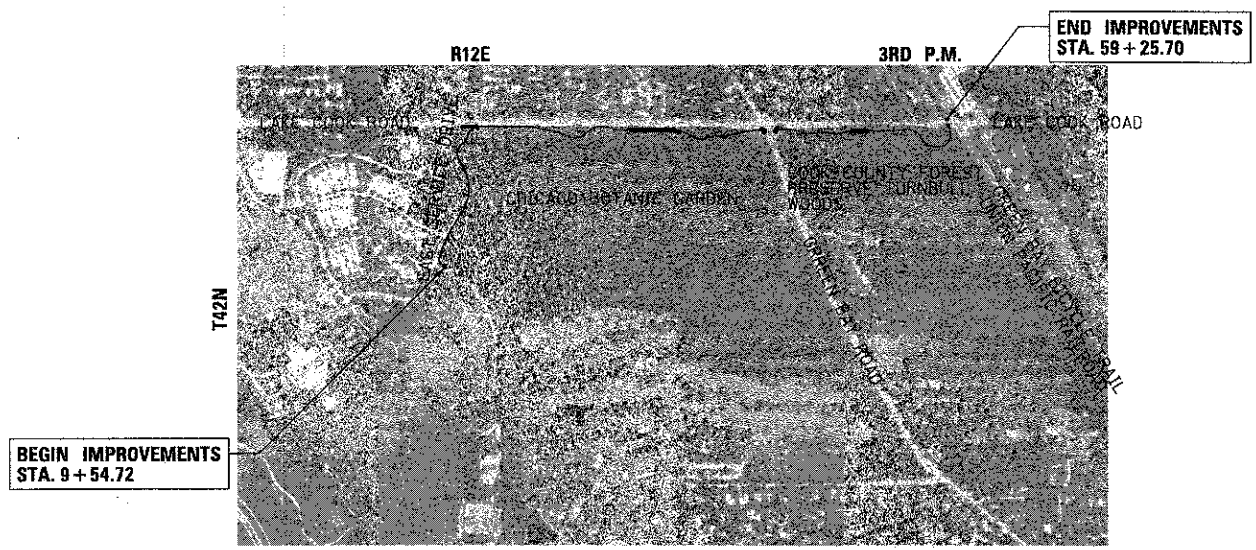
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

**FAU 3726 (LAKE COOK ROAD)  
MAINTENANCE ROAD TO BLACKHAWK ROAD  
BIKE TRAIL CONSTRUCTION  
SECTION 10-F3000-22-BT  
PROJECT TE-00D1 (887)  
COOK COUNTY FOREST PRESERVE DISTRICT  
COOK AND LAKE COUNTIES**

C-91-094-12



**TRAFFIC DATA**  
LAKE COOK ROAD  
DESIGN DESIGNATION: MINOR ARTERIAL  
POSTED SPEED = 35 MPH  
TRAFFIC = 14,200 ADT (2010)



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

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

PROJECT LOCATED IN THE VILLAGE OF GLENCOE AND CITY OF HIGHLAND PARK

**CONTRACT NO. 63781**



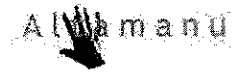
4/12 2013  
*Mark B. Thomas*  
**MARK B. THOMAS**  
ILLINOIS REGISTRATION No. 062-057218  
EXPIRATION DATE: 6/30/13

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <i>[Signature]</i> 4/11	2013
COOK COUNTY FPD, DIRECTOR OF PLANNING & DEVELOPMENT	
PASSED <i>[Signature]</i> APRIL 15, 2013	2013
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW <i>[Signature]</i> 4/15	2013
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER	

GROSS LENGTH = 4,970.98 FT. = 0.94 MILE  
NET LENGTH = 4,970.98 FT. = 0.94 MILE

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**CB** 9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



# GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2013; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS" (SSTCI), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE ENGINEER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.
- THE CONTRACTOR SHALL LIMIT HIS/HER CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE FOREST PRESERVE DISTRICT AT 708-771-1355 AND THE CHICAGO BOTANIC GARDEN AT 847-835-8355 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK AND COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS. THIS WORK WILL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION. IF EXISTING SIGNS ARE DAMAGED DURING THE REMOVAL AND REPLACEMENT PROCESS, THE SIGN SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM TRAFFIC CONTROL AND PROTECTION.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ANY OTHER ROADWAY PROJECTS WITHIN THE AREA THAT ARE UNDER CONSTRUCTION AT THE SAME TIME.
- A QUANTITY OF AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS OF UNSUITABLE OR UNSTABLE SOIL. THE NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

- THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- ANY SIGNAGE, PAVEMENT MARKINGS OR REFLECTORS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED ANEW.

- UTILITIES**  
(A) ALL UNDERGROUND UTILITY LOCATIONS, INCLUDING BUT NOT LIMITED TO SANITARY AND STORM SEWERS, WATER MAINS AND THEIR RESPECTIVE SERVICE LINES, SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL UTILITIES AS NECESSARY, PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT (800) 892-0123, AND ALL PUBLIC AND PRIVATE UTILITIES BEFORE STARTING CONSTRUCTION.

(B) THE CONTRACTOR SHALL TEMPORARILY BRACE/SUPPORT EXISTING UTILITIES DURING THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ITEM BEING CONSTRUCTED.

(C) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

(D) A 24 INCH WATER MAIN BELONGING TO THE VILLAGE OF NORTHBROOK IS LOCATED IN THE PARKWAY ON THE SOUTH SIDE OF LAKE COOK ROAD. THE WATER MAIN SERVES THE VILLAGE'S WATER TREATMENT PLANT AND MUST BE PROTECTED FROM POTENTIAL DAMAGE AT ALL TIMES.

(E) THE VILLAGE OF NORTHBROOK SHALL BE CONTACTED AT 847-664-419 A MINIMUM OF 72 HOURS PRIOR TO ANY CONSTRUCTION WITHIN 20 FEET OF THE VILLAGE'S WATER MAIN.

UTILITY POINTS OF CONTACT	
AT&T (DISTRIBUTION) 1000 COMMERCE DRIVE, FLOOR 1 OAK BROOK, IL 60523 ATTN: MR. DAVID PHELPS 630-573-6464	NORTHBROOK PUBLIC WORKS 655 HUEHL ROAD NORTHBROOK, IL ATTN: KELLY HAMILL 847-644-4110
COMED 1500 FRANKLIN BLVD. LIBERTYVILLE, IL 60048 ATTN: MS. TERRI BLECK 847-816-5239	NORTH SHORE GAS CO. 3001 GRAND AVENUE WAUKEGAN, IL 60085 ATTN: MR. STEVE WARMINGTON 847-263-4666
CITY OF HIGHLAND PARK 1150 HALF DAY ROAD HIGHLAND PARK, IL 60035 ATTN: JOHN WELCH 847-432-0807	VILLAGE OF GLENCOE 675 VILLAGE COURT GLENCOE, IL 60022 ATTN: DAVID MAU 847-835-4111

- MISCELLANEOUS**  
(A) ALL SAWCUTTING SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

(B) THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.

- SOIL EROSION AND SEDIMENT CONTROL**  
(A) SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.  
  
(B) UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE

APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.

(C) THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE COOK COUNTY FOREST PRESERVE DISTRICT (CCFPD), OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.

(D) THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL TEMPORARY OR PERMANENT EROSION PROTECTION TO CONTROL SOIL EROSION, OR INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.

(E) AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION BARRIER MUST BE RESTORED. THE COST OF THE RESTORATION SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

(F) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREE OF WATER. BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.

(G) DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.

(H) ANY WORK WITHIN A STREAM OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY WHENEVER POSSIBLE. PROVISIONS MUST BE MADE TO BY-PASS PUMP OR DEWATER ANY AREAS WITHIN THE STREAM OR DITCH IN WHICH WORK WILL BE CONDUCTED.

(I) CONSTRUCTION ACTIVITIES MUST BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE WILL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.

(J) TEMPORARY CONSTRUCTION ENTRANCES WILL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAYS MUST BE REMOVED IMMEDIATELY.

(K) ALL DISTURBED SOILS ARE TO BE STABILIZED, TEMPORARILY OR PERMANENTLY, WITHIN SEVEN (7) DAYS OF CONSTRUCTION ACTIVITY HAVING CEASED IF THE SOIL IS TO REMAIN UNDISTURBED FOR MORE THAN FOURTEEN (14) DAYS. TEMPORARY SEEDING SHALL CONSIST OF OATS AT 90 LBS/ACRE (OR OTHER MIX APPROVED BY THE CHICAGO BOTANIC GARDEN OR CCFPD).

(L) STOCK PILES OF SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER EROSION BARRIER MUST BE PROVIDED. IF THE STOCKPILE IS INACTIVE FOR MORE THAN 14 DAYS, SOIL STABILIZATION MUST BE PROVIDED BY THE 7<sup>TH</sup> DAY AFTER ACTIVITY HAS STOPPED.

(M) CONTRACTOR MUST INSTALL PERIMETER EROSION BARRIER AT ANY LOCATION IN WHICH SHEET FLOWS MAY RESULT IN SEDIMENT RUNOFF OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR MAY USE OTHER METHODS TO CONTROL RUNOFF, INCLUDING, BUT NOT LIMITED TO, TEMPORARY SEDIMENT TRAPS, SHAPED DITCHES TO CONVEY WATER, ETC.

(N) CCFPD, OR THEIR AUTHORIZED REPRESENTATIVE, MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING: 1) DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED, 2) STRUCTURAL CONTROL MEASURES (SILT FENCES, ETC), AND 3) LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE. AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE WITHIN TWENTY-FOUR (24) HOURS OF A 0.5-INCH OR GREATER RAINFALL OR EQUIVALENT SNOWFALL.

(O) ALL STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE TRUCK HAUL ROUTE) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS, ALTERNATE TYPES OF PROTECTION MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY CCFPD AND THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT.

(P) THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT (SWCD) SHALL BE CONTACTED AT 847-468-0071 AT LEAST 1 WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION FOR A PRE-CONSTRUCTION SITE MEETING.

(Q) ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. INSPECTIONS SHALL BE CONDUCTED DAILY AND STREETS CLEANED WHEN NECESSARY. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

(R) ACCESS TO THE WORK AREA WILL ONLY BE ALLOWED FROM STABILIZED CONSTRUCTION ENTRANCES.

(S) PLEASE REFER TO THE OVERALL LANDSCAPE PLAN FOR FINAL STABILIZATION INCLUDING SEED MIXES, EROSION CONTROL BLANKET AND SODDING.

IDOT STANDARDS	
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-08	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNT DETAILS

DISTRICT ONE DETAILS	
TC-10	TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-09	PEDESTRIAN PUSH BUTTON POST, TYPE A

CODE NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONS TYPE CODE	
				0028 BICYCLE/PED TRAILS	0042 TRAINEES
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2887	2887	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	424	424	
20101000	TEMPORARY FENCE	FOOT	7690	7690	
20101100	TREE TRUNK PROTECTION	EACH	111	111	
20101200	TREE ROOT PRUNING	EACH	41	41	
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	8	8	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2	
20200100	EARTH EXCAVATION	CU YD	1049	1049	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1624	1624	
20400800	FURNISHED EXCAVATION	CU YD	500	500	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1000	1000	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	439	439	
25100127	MULCH, METHOD 3A	ACRE	0.5	0.5	
25200110	SODDING, SALT TOLERANT	SQ YD	876	876	
25200200	SUPPLEMENTAL WATERING	UNIT	14	14	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200	200	
28000400	PERIMETER EROSION BARRIER	FOOT	3977	3977	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
28000510	INLET FILTERS	EACH	13	13	
28100105	STONE RIPRAP, CLASS A3	SQ YD	24	24	
28200200	FILTER FABRIC	SQ YD	24	24	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	500	500	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	5806	5806	
40609335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", NSO	TON	820	820	
42001300	PROTECTIVE COAT	SQ YD	318	318	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2658	2658	
42400800	DETECTABLE WARNINGS	SQ FT	225	225	
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	128	128	
44000600	SIDEWALK REMOVAL	SQ FT	590	590	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	289	289	
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	18	18	
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	20	20	
54210182	PIPE ELBOW, 12"	EACH	1	1	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1	
54215547	METAL END SECTIONS 12"	EACH	2	2	
60608250	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.06	FOOT	16	16	
65409600	CHAIN LINK GATES, 8' X 16' DOUBLE	EACH	1	1	
66600205	REERECTING RIGHT OF WAY MARKERS	EACH	2	2	
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	400	400	
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	
67100100	MOBILIZATION	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SQ FT	43	43	
73000100	WOOD SIGN SUPPORT	FOOT	108	108	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3449	3449	

CODE NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONS TYPE CODE	
				0028 BICYCLE/PED TRAILS	0042 TRAINEES
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	416	416	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	480	480	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80	80	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	305	305	
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	64	64	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	8	8	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1110	1110	
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1250	1250	
87500500	TRAFFIC SIGNAL POST, 10 FT.	EACH	1	1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16	16	
87900200	DRILL EXISTING HANDHOLE	EACH	4	4	
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	1	
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2	
88800100	PEDESTRIAN PUSH-BUTTON	EACH	6	6	
89502200	MODIFY EXISTING CONTROLLER	EACH	1	1	
C2002048	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 4' HEIGHT, BALLED AND BURLAPPED	EACH	8	8	
C2003360	SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 5' HEIGHT, BALLED AND BURLAPPED	EACH	4	4	
C2005348	SHRUB, PRUNUS AMERICANA (AMERICAN PLUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	7	7	
C2012448	SHRUB, VIBURNUM LENTAGO (NANNYBERRY VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	8	8	
C2012748	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	3	3	
K1001988	IRRIGATION SYSTEM SPECIAL	L SUM	1	1	
X0321322	DROP GATE	EACH	3	3	
X0326862	STRUCTURES TO BE ADJUSTED	EACH	7	7	
X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	3000	3000	
X2800302	TEMPORARY DITCH CHECKS (SPECIAL)	FOOT	196	196	
X2800400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	1336	1336	
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	112	112	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7240505	RELOCATE SIGN PANEL AND POST	EACH	6	6	
X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	3	3	
XX008287	BOARDWALK STRUCTURE	SQ FT	5955	5955	
Z0007510	ENGINEERED BARRIER	SQ YD	1031	1031	
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	224	224	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0022800	FENCE REMOVAL	FOOT	16	16	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
Z0069200	STONE RETAINING WALL	SQ FT	1075	1075	
Z0076600	TRAINEES	HOUR	500		500
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500

\* DENOTES SPECIAL PROVISION ITEM  
 Δ DENOTES SPECIALTY ITEM

6575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

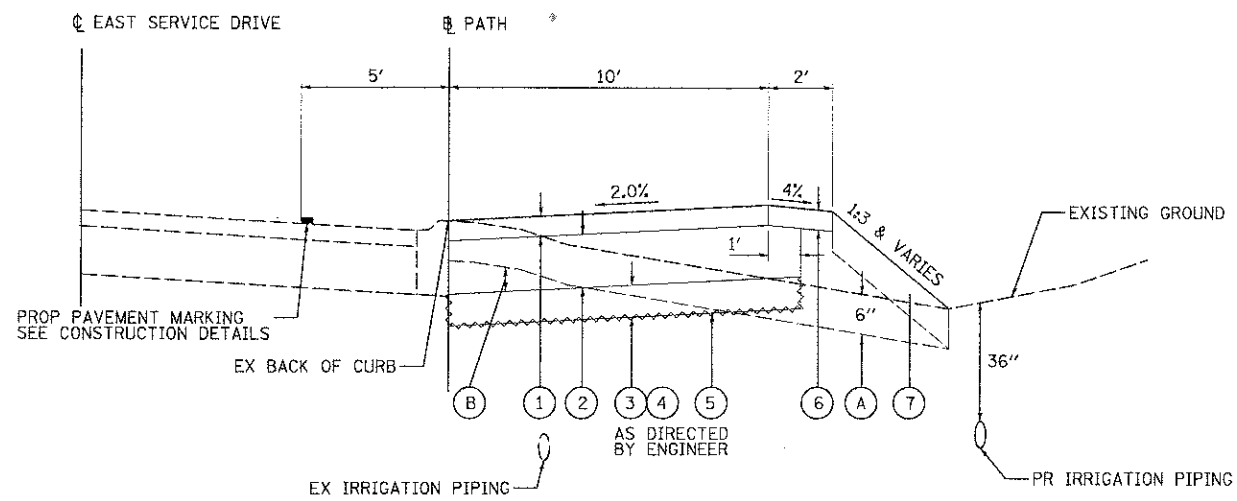


USER NAME: rsthomas	DESIGNED - MBT	REVISED -
PILOT SCALE: 3"	DRAWN - PWN	REVISED -
PLOT DATE: 4/11/2013	CHECKED - MEK	REVISED -
	DATE - 4/11/13	REVISED -

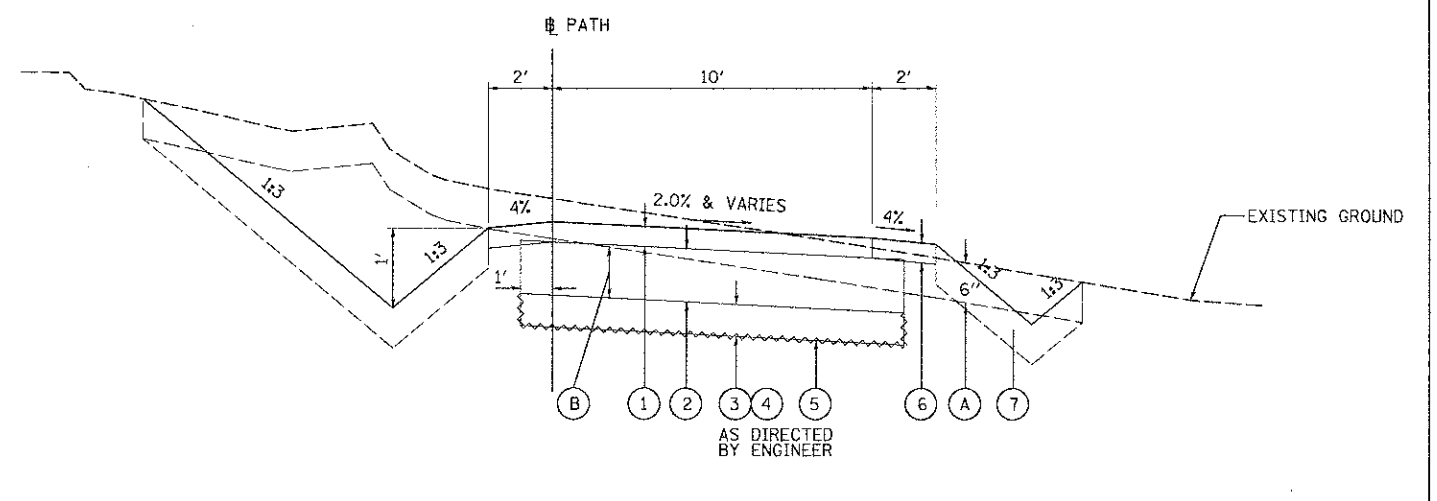
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
 SUMMARY OF QUANTITIES

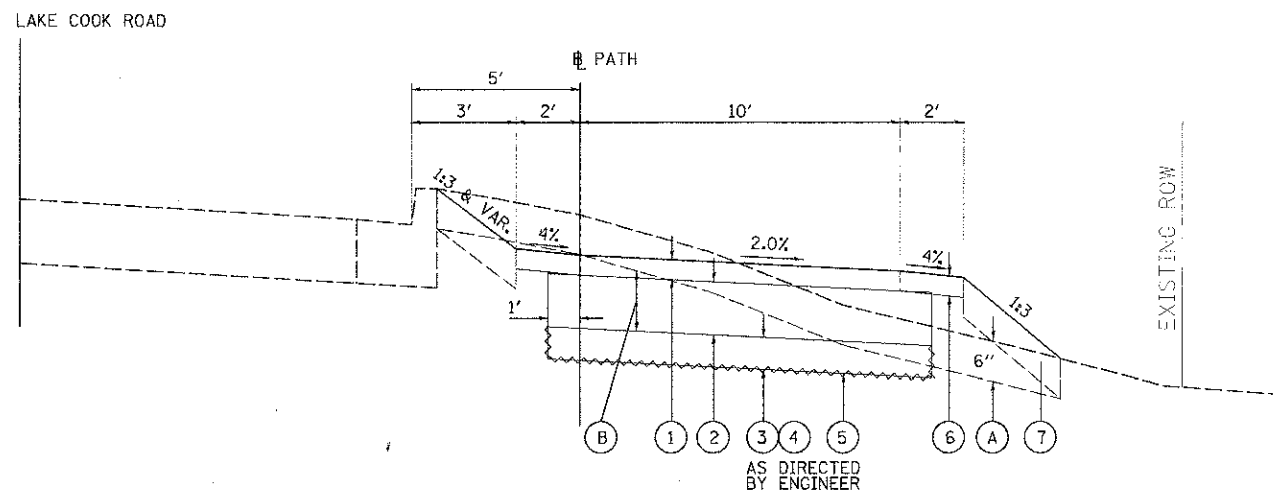
F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 3
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	



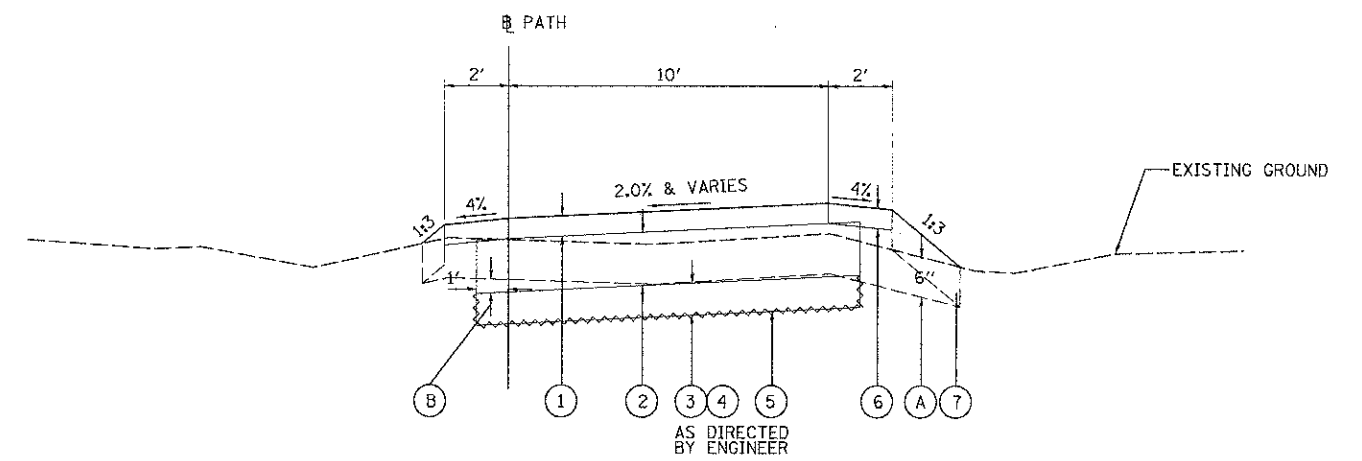
PROPOSED TYPICAL SECTION  
STA. 9+54.72 TO STA. 18+36



PROPOSED TYPICAL SECTION  
STA. 38+70 TO STA. 43+11



PROPOSED TYPICAL SECTION  
STA. 21+75 TO STA. 25+52  
STA. 30+86 TO STA. 31+35



PROPOSED TYPICAL SECTION  
STA. 18+36 TO STA. 21+75  
STA. 25+52 TO STA. 30+86  
STA. 31+35 TO STA. 38+70  
STA. 44+32 TO STA. 58+67

**PROPOSED CONDITIONS**

- ① 3" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ② AGGREGATE BASE COURSE, TYPE B, 8" [1]
- ③ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (UNDERCUTS)
- ④ AGGREGATE SUBGRADE IMPROVEMENT [1]
- ⑤ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑥ AGGREGATE SHOULDERS, TYPE B, 3" [1]
- ⑦ TOPSOIL EXCAVATION AND PLACEMENT - 6"
- Ⓐ TOPSOIL EXCAVATION AND PLACEMENT
- Ⓑ EARTH EXCAVATION

[1] TO PREVENT CHANGES IN SOIL PH, THE USE OF LIMESTONE BASED AGGREGATES WILL NOT BE ALLOWED IN THESE PAY ITEMS. SEE "COARSE AGGREGATES" SPECIAL PROVISION FOR MORE INFORMATION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 3" (2 LIFTS)	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.

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



PROP. CURVE P\_PATH459-12  
 PI STA. = 21+20.53  
 $\Delta = 75^\circ 51' 26''$  (RT)  
 D = 57' 17' 45"  
 R = 100.00'  
 T = 77.93'  
 L = 132.40'  
 E = 26.78'  
 P.C. STA = 20+42.61  
 P.T. STA = 21+75.00

PROP. CURVE P\_PATH459-13  
 PI STA. = 25+73.86  
 $\Delta = 22^\circ 59' 58''$  (RT)  
 D = 52' 05' 13"  
 R = 110.00'  
 T = 22.38'  
 L = 44.16'  
 E = 2.25'  
 P.C. STA = 25+51.48  
 P.T. STA = 25+95.63

PROP. CURVE P\_PATH459-14  
 PI STA. = 26+28.76  
 $\Delta = 19^\circ 46' 36''$  (LT)  
 D = 30' 09' 17"  
 R = 190.01'  
 T = 33.12'  
 L = 65.58'  
 E = 2.87'  
 P.C. STA = 25+95.63  
 P.T. STA = 26+61.22

PROP. CURVE P\_PATH459-15  
 PI STA. = 27+07.14  
 $\Delta = 15^\circ 36' 44''$  (RT)  
 D = 17' 06' 13"  
 R = 334.99'  
 T = 45.92'  
 L = 91.28'  
 E = 3.13'  
 P.C. STA = 26+61.22  
 P.T. STA = 27+52.50

PROP. CURVE P\_PATH459-16  
 PI STA. = 29+08.61  
 $\Delta = 55^\circ 39' 57''$  (LT)  
 D = 57' 17' 45"  
 R = 100.00'  
 T = 52.80'  
 L = 97.16'  
 E = 13.08'  
 P.C. STA = 28+55.81  
 P.T. STA = 29+52.96

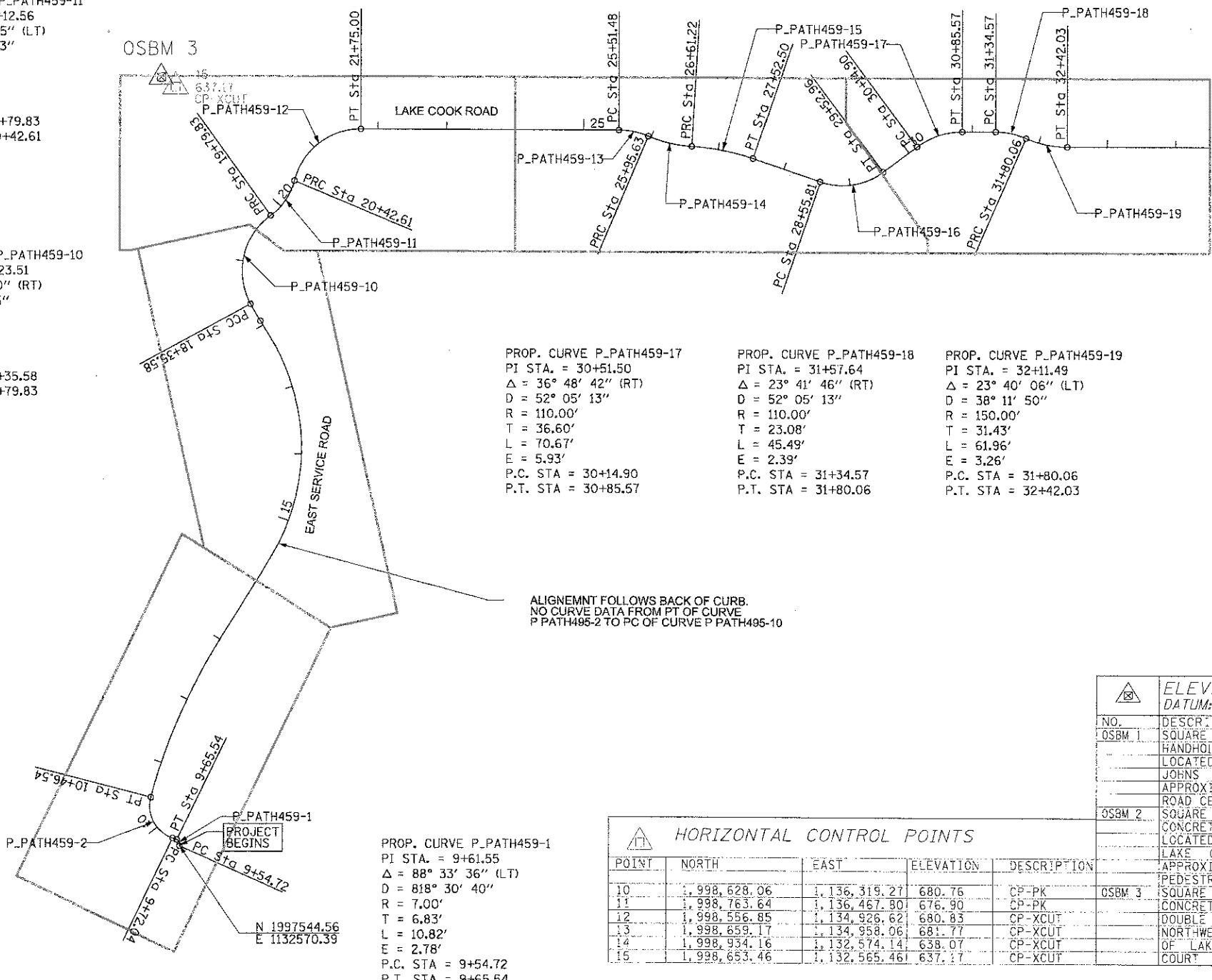
PROP. CURVE P\_PATH459-11  
 PI STA. = 20+12.56  
 $\Delta = 39^\circ 57' 45''$  (LT)  
 D = 63' 39' 43"  
 R = 90.00'  
 T = 32.72'  
 L = 62.77'  
 E = 5.76'  
 P.C. STA = 19+79.83  
 P.T. STA = 20+42.61

PROP. CURVE P\_PATH459-10  
 PI STA. = 19+23.51  
 $\Delta = 82^\circ 39' 10''$  (RT)  
 D = 57' 17' 45"  
 R = 100.00'  
 T = 87.93'  
 L = 144.26'  
 E = 33.16'  
 P.C. STA = 18+35.58  
 P.T. STA = 19+79.83

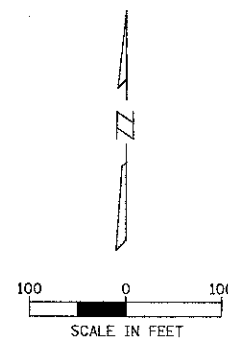
PROP. CURVE P\_PATH459-17  
 PI STA. = 30+51.50  
 $\Delta = 36^\circ 48' 42''$  (RT)  
 D = 52' 05' 13"  
 R = 110.00'  
 T = 36.60'  
 L = 70.67'  
 E = 5.93'  
 P.C. STA = 30+14.90  
 P.T. STA = 30+85.57

PROP. CURVE P\_PATH459-18  
 PI STA. = 31+57.64  
 $\Delta = 23^\circ 41' 46''$  (RT)  
 D = 52' 05' 13"  
 R = 110.00'  
 T = 23.08'  
 L = 45.49'  
 E = 2.39'  
 P.C. STA = 31+34.57  
 P.T. STA = 31+80.06

PROP. CURVE P\_PATH459-19  
 PI STA. = 32+11.49  
 $\Delta = 23^\circ 40' 06''$  (LT)  
 D = 38' 11' 50"  
 R = 150.00'  
 T = 31.43'  
 L = 61.96'  
 E = 3.26'  
 P.C. STA = 31+80.06  
 P.T. STA = 32+42.03



ALIGNMENT FOLLOWS BACK OF CURB.  
 NO CURVE DATA FROM PT OF CURVE  
 P\_PATH459-2 TO PC OF CURVE P\_PATH459-10



PROP. CURVE P\_PATH459-2  
 PI STA. = 10+18.16  
 $\Delta = 85^\circ 22' 22''$  (RT)  
 D = 114' 35' 30"  
 R = 50.00'  
 T = 46.12'  
 L = 74.50'  
 E = 18.02'  
 P.C. STA = 9+72.04  
 P.T. STA = 10+46.54

PROP. CURVE P\_PATH459-1  
 PI STA. = 9+61.55  
 $\Delta = 88^\circ 33' 36''$  (LT)  
 D = 818' 30' 40"  
 R = 7.00'  
 T = 6.83'  
 L = 10.82'  
 E = 2.78'  
 P.C. STA = 9+54.72  
 P.T. STA = 9+65.54

POINT	NORTH	EAST	ELEVATION	DESCRIPTION
10	1,998,628.06	1,136,319.27	680.76	CP-PK
11	1,998,763.64	1,136,467.80	676.90	CP-PK
12	1,998,556.85	1,134,926.62	680.83	CP-XCUT
13	1,998,659.17	1,134,958.06	681.77	CP-XCUT
14	1,998,934.16	1,132,574.14	638.07	CP-XCUT
15	1,998,653.46	1,132,565.46	637.17	CP-XCUT

NO.	DESCRIPTION	ELEV.
OSBM 1	SQUARE CUT SET ON NORTH SIDE OF HANDHOLE WHERE IT MEETS FACE OF WALK LOCATED APPROXIMATELY 81' WEST OF JOHNS AVENUE CENTERLINE & APPROXIMATELY 26' NORTH OF COUNTY LINE ROAD CENTERLINE	679.13
OSBM 2	SQUARE CUT SET ON NORTHERLY EDGE OF CONCRETE FOUNDATION OF TRAFFIC SIGNAL LOCATED AT THE SOUTHWEST CORNER OF LAKE COOK ROAD & GREEN BAY ROAD APPROXIMATELY 6' WESTERLY OF PEDESTRIAN CROSSWALK	680.85
OSBM 3	SQUARE CUT SET ON NORTHEAST CORNER OF CONCRETE SLAB FOR TRAFFIC SIGNAL DOUBLE HANDHOLD LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF LAKE COOK ROAD & TURNBULL WOODS COURT	636.77

PROP. CURVE P\_PATH459-20  
 PI STA. = 36+83.35  
 $\Delta = 23^\circ 17' 49''$  (RT)  
 $D = 30^\circ 09' 20''$   
 $R = 190.00'$   
 $T = 39.17'$   
 $L = 77.26'$   
 $E = 4.00'$   
 P.C. STA = 36+44.18  
 P.T. STA = 37+21.44

PROP. CURVE P\_PATH459-21  
 PI STA. = 38+56.53  
 $\Delta = 40^\circ 24' 17''$  (LT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 36.80'$   
 $L = 70.52'$   
 $E = 6.56'$   
 P.C. STA = 38+19.73  
 P.T. STA = 38+90.25

PROP. CURVE P\_PATH459-22  
 PI STA. = 39+51.50  
 $\Delta = 18^\circ 23' 03''$  (RT)  
 $D = 52^\circ 05' 13''$   
 $R = 110.00'$   
 $T = 17.80'$   
 $L = 35.29'$   
 $E = 1.43'$   
 P.C. STA = 39+33.70  
 P.T. STA = 39+69.00

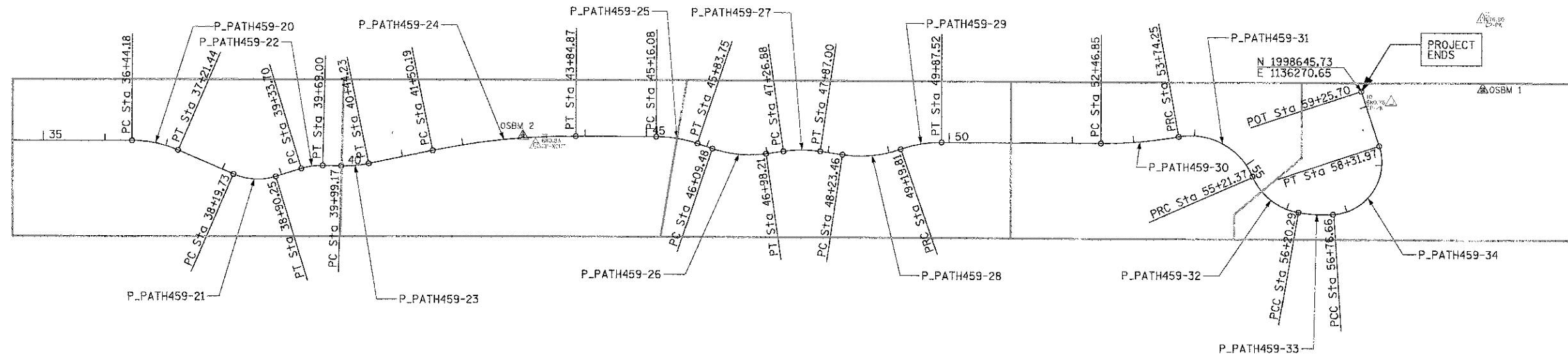
PROP. CURVE P\_PATH459-23  
 PI STA. = 40+21.79  
 $\Delta = 12^\circ 54' 32''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 22.63'$   
 $L = 45.06'$   
 $E = 1.28'$   
 P.C. STA = 39+99.17  
 P.T. STA = 40+44.23

PROP. CURVE P\_PATH459-24  
 PI STA. = 42+67.94  
 $\Delta = 11^\circ 42' 42''$  (RT)  
 $D = 4^\circ 59' 26''$   
 $R = 1,148.06'$   
 $T = 117.75'$   
 $L = 234.67'$   
 $E = 6.02'$   
 P.C. STA = 41+50.19  
 P.T. STA = 43+84.87

PROP. CURVE P\_PATH459-25  
 PI STA. = 45+50.21  
 $\Delta = 18^\circ 27' 49''$  (RT)  
 $D = 27^\circ 17' 01''$   
 $R = 210.00'$   
 $T = 34.13'$   
 $L = 67.67'$   
 $E = 2.76'$   
 P.C. STA = 45+16.08  
 P.T. STA = 45+83.75

PROP. CURVE P\_PATH459-26  
 PI STA. = 46+54.67  
 $\Delta = 26^\circ 45' 27''$  (LT)  
 $D = 30^\circ 09' 20''$   
 $R = 190.00'$   
 $T = 45.19'$   
 $L = 88.73'$   
 $E = 5.30'$   
 P.C. STA = 46+09.48  
 P.T. STA = 46+98.21

PROP. CURVE P\_PATH459-27  
 PI STA. = 47+57.15  
 $\Delta = 16^\circ 24' 14''$  (RT)  
 $D = 27^\circ 17' 01''$   
 $R = 210.00'$   
 $T = 30.27'$   
 $L = 60.12'$   
 $E = 2.17'$   
 P.C. STA = 47+26.88  
 P.T. STA = 47+87.00



PROP. CURVE P\_PATH459-28  
 PI STA. = 48+72.59  
 $\Delta = 27^\circ 36' 04''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 49.13'$   
 $L = 96.35'$   
 $E = 5.95'$   
 P.C. STA = 48+23.46  
 P.T. STA = 49+19.81

PROP. CURVE P\_PATH459-29  
 PI STA. = 49+53.99  
 $\Delta = 19^\circ 23' 55''$  (RT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 34.18'$   
 $L = 67.71'$   
 $E = 2.90'$   
 P.C. STA = 49+19.81  
 P.T. STA = 49+87.52

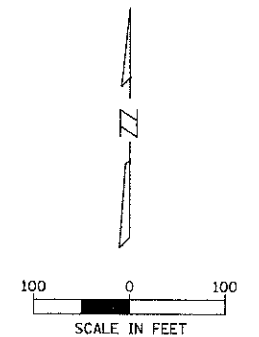
PROP. CURVE P\_PATH459-30  
 PI STA. = 53+10.72  
 $\Delta = 10^\circ 12' 33''$  (LT)  
 $D = 8^\circ 00' 48''$   
 $R = 715.00'$   
 $T = 63.87'$   
 $L = 127.40'$   
 $E = 2.85'$   
 P.C. STA = 52+46.85  
 P.T. STA = 53+74.25

PROP. CURVE P\_PATH459-31  
 PI STA. = 54+61.17  
 $\Delta = 76^\circ 37' 57''$  (RT)  
 $D = 52^\circ 05' 13''$   
 $R = 110.00'$   
 $T = 86.92'$   
 $L = 147.12'$   
 $E = 30.20'$   
 P.C. STA = 53+74.25  
 P.T. STA = 55+21.37

PROP. CURVE P\_PATH459-32  
 PI STA. = 55+75.30  
 $\Delta = 56^\circ 40' 21''$  (LT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 53.93'$   
 $L = 98.91'$   
 $E = 13.61'$   
 P.C. STA = 55+21.37  
 P.T. STA = 56+20.29

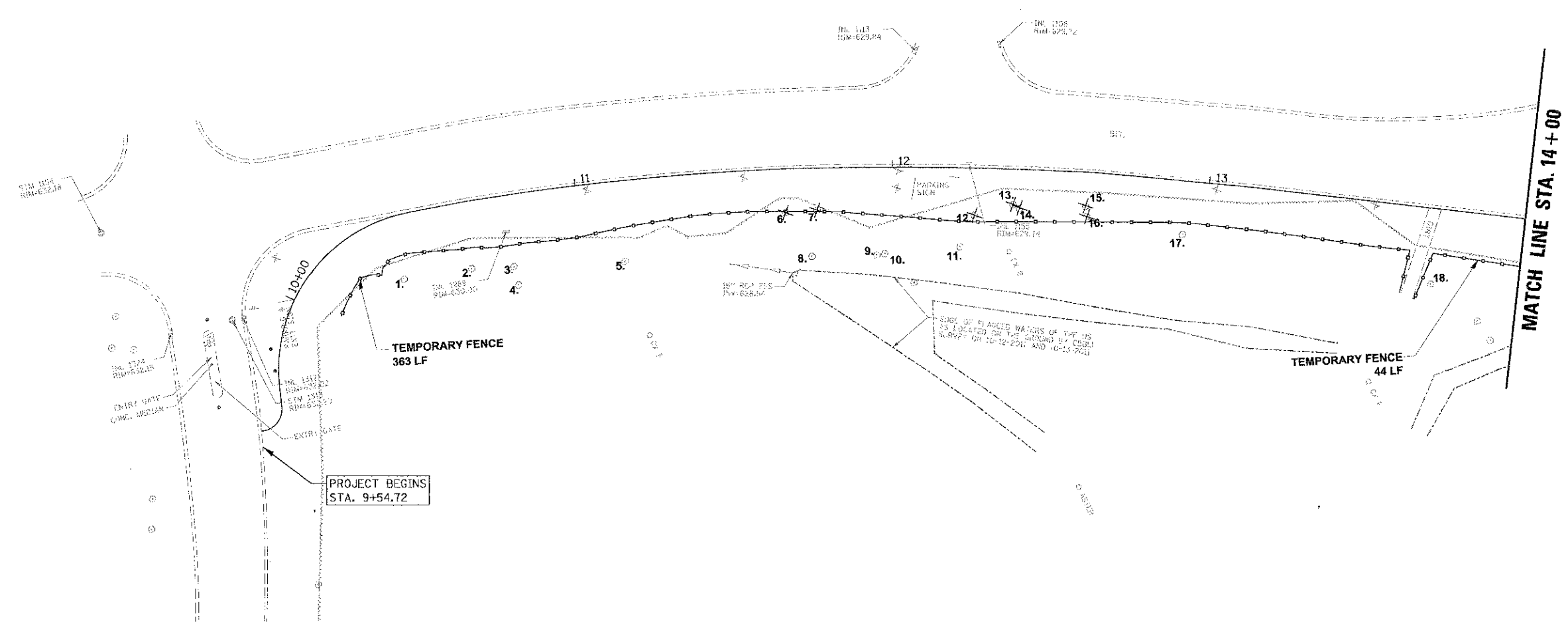
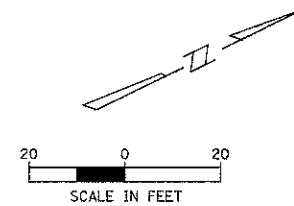
PROP. CURVE P\_PATH459-33  
 PI STA. = 56+50.40  
 $\Delta = 14^\circ 18' 12''$  (LT)  
 $D = 23^\circ 52' 24''$   
 $R = 240.00'$   
 $T = 30.11'$   
 $L = 59.91'$   
 $E = 1.88'$   
 P.C. STA = 56+20.29  
 P.T. STA = 56+80.20

PROP. CURVE P\_PATH459-34  
 PI STA. = 57+86.82  
 $\Delta = 104^\circ 41' 26''$  (LT)  
 $D = 67^\circ 24' 24''$   
 $R = 85.00'$   
 $T = 110.16'$   
 $L = 155.31'$   
 $E = 54.14'$   
 P.C. STA = 56+76.66  
 P.T. STA = 58+31.97



ELEVATION BENCHMARKS		
DATUM: NAVD '88 (GPS OBSERVED)		
NO.	DESCRIPTION	ELEV.
OSBM 1	SQUARE CUT SET ON NORTH SIDE OF HANDHOLE WHERE IT MEETS FACE OF WALK LOCATED APPROXIMATELY 81' WEST OF JOHNS AVENUE CENTERLINE & APPROXIMATELY 26' NORTH OF COUNTY LINE ROAD CENTERLINE	679.13
OSBM 2	SQUARE CUT SET ON NORTHERLY EDGE OF CONCRETE FOUNDATION OF TRAFFIC SIGNAL LOCATED AT THE SOUTHWEST CORNER OF LAKE COOK ROAD & GREEN BAY ROAD APPROXIMATELY 6' WESTERLY OF PEDESTRIAN CROSSWALK	680.85
OSBM 3	SQUARE CUT SET ON NORTHEAST CORNER OF CONCRETE SLAB FOR TRAFFIC SIGNAL DOUBLE HANDHOLD LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF LAKE COOK ROAD & TURNBULL WOODS COURT	636.77

HORIZONTAL CONTROL POINTS				
POINT	NORTH	EAST	ELEVATION	DESCRIPTION
10	1,998,628.06	1,136,319.27	680.76	CP-PK OSBM 1
11	1,998,763.64	1,136,467.80	676.90	CP-PK OSBM 2
12	1,998,556.85	1,134,926.62	680.83	CP-XCUT OSBM 3
13	1,998,659.17	1,134,858.06	681.77	CP-XCUT
14	1,998,934.16	1,132,574.14	638.07	CP-XCUT
15	1,998,653.46	1,132,565.46	637.17	CP-XCUT



PROJECT BEGINS  
STA. 9+54.72

TEMPORARY FENCE  
363 LF

TEMPORARY FENCE  
44 LF

MATCH LINE STA. 14+00

STA. 00+00 - 14+00 Tree Preservation & Removal Schedule

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	12" cal	Hawthorn	Good - 4				X	
2	6" cal	Cherry	Fair - 3					
3	6" cal	Ash	Good - 4				X	
4	12" cal	Oak	Good - 5					
5	MS, 3x3, 1x8, 3x2 cal	Hawthorn	Fair - 3					
6	MS, 2x2 cal	Cherry	Fair - 3	X				
7	MS, 2x2 cal	Cherry	Fair - 3	X				
8	15" cal	Walnut	Good - 4					
9	7" cal	Hackberry	Good - 5					
10	7" cal	Ash	Good - 5					
11	MS, 2x6 cal	Hawthorn	Fair - 3					
12	6" cal	Hackberry	Good - 5	X				
13	MS, 3x3 cal	Hackberry	Good - 4	X				
14	6" cal	Hawthorn	Good - 4	X				
15	MS, 1x8, 1x4 cal	Hackberry	Good - 4	X				
16	MS, 3x3 cal	Hawthorn	Poor - 1	X				
17	11" cal	Ash	Poor - 2		X			
18	8" cal	Walnut	Good - 4					

LEGEND:

- TREE TO BE REMOVED ✕
- TREE TO REMAIN ○
- ENGINEERED BARRIER (TREE ROOT PROTECTION) [Cross-hatched box]
- TEMPORARY FENCE [Dashed line]

9675 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



USER NAME = rromms  
PLOT DATE = 2/2/13  
PLOT TIME = 4:11/2013

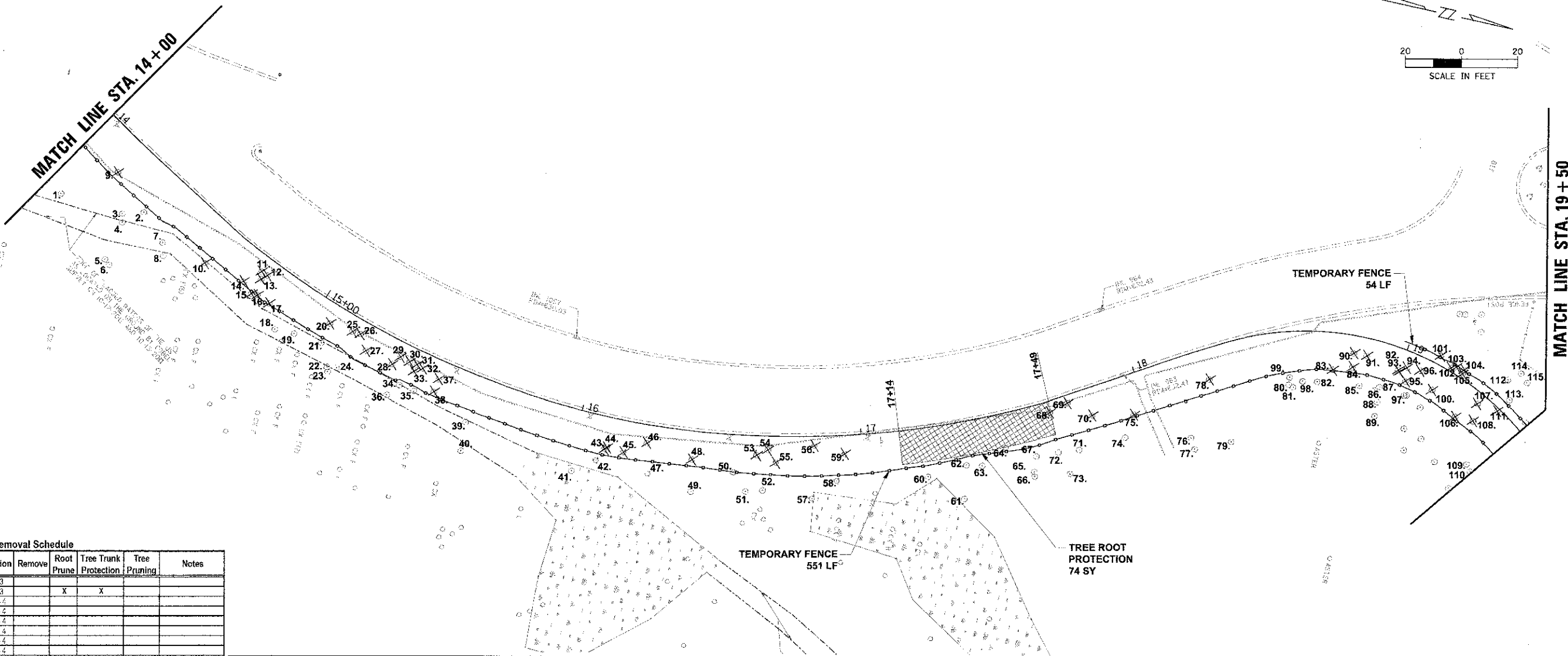
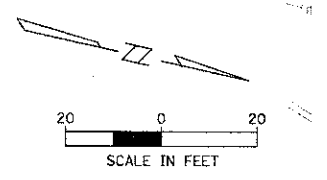
DESIGNED - MWJ  
DRAWN - PJH  
CHECKED - MWJ  
DATE - 4/11/13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
VEGETATION PROTECTION AND REMOVAL PLANS

F.A.U. RITE: 3726  
SECTION: 10-F3000-22-B7  
COUNTY: COOK/LAKE  
TOTAL SHEETS: 89  
SHEET NO.: 8  
CONTRACT NO.: 63781





STA. 14+00 - 19+50 Tree Preservation & Removal Schedule

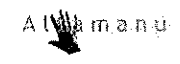
Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	22" cal	Ash	Fair-3					
2	14" cal	Ash	Fair-3		X	X		
3	6" cal	Ash	Good-4					
4	20" cal	Cottonwood	Good-4					
5	5" cal	Walnut	Good-4					
6	5" cal	Hawthorn	Good-4					
7	5" cal	Cottonwood	Good-4					
8	5" cal	Walnut	Good-4					
9	3" cal	Ash	Fair-3	X				
10	14" cal	Cottonwood	Good-5		X			
11	2" cal	Cherry	Fair-3	X				
12	1" cal	Bottlebrush Buck	Good-4	X				
13	3" cal	Ash	Good-4	X				
14	13" cal	Cottonwood	Good-4	X				
15	11" cal	Cottonwood	Good-4	X				
16	6" cal	Cottonwood	Good-4	X				
17	5" cal	Ash	Good-4	X				
18	7" cal	Cottonwood	Good-5		X	X		
19	3" cal	Cottonwood	Poor-2		X	X		
20	3" cal	Ash	Good-5	X				
21	14" cal	Cottonwood	Good-4		X	X		
22	5" cal	Cottonwood	Good-4					
23	4" cal	Ash	Good-4					
24	5" cal	Cottonwood	Good-4					
25	4" cal	Ash	Good-4	X				
26	2" cal	Ash	Good-5	X				
27	4" cal	Linden	Good-4	X				
28	3" cal	Ash	Good-4	X				
29	1" cal	Hickory	Good-2	X				
30	3" cal	Ash	Poor-1	X				
31	1" cal	Ash	Good-4	X				
32	3" cal	Persimmon	Good-5	X				
33	7" cal	Ash	Good-4	X				
34	12" cal	Cottonwood	Good-4		X	X		
35	14" cal	Cottonwood	Good-4		X	X		
36	7" cal	Ash	Good-4					
37	3" cal	Persimmon	Good-4	X				
38	4" cal	Persimmon	Good-4	X				
39	9" cal	Ash	Fair-3		X			
40	8" cal	Ash	Good-4					
41	23" cal	Cottonwood	Good-5		X	X		
42	MS 3x3" cal	Hemlock	Good-5		X			
43	6" cal	Hemlock	Good-5	X				
44	6" cal	Hemlock	Good-5	X				
45	MS 1x1", 1x4" cal	Hemlock	Good-5	X				
46	8" cal	Redbud	Good-5	X			X	
47	8" cal	Hemlock	Good-5					
48	14" cal	Cottonwood	Good-4	X				
49	6" cal	Ash	Fair-3					

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
50	6" cal	Walnut	Good-4		X	X		
51	4" cal	Honesuckle	Good-4					
52	6" cal	Cherry	Fair-3					
53	4" cal	Cherry	Good-4	X				
54	3" cal	Gray Dogwood	Fair-3	X				
55	MS 2x2", 2x3" cal	Hemlock	Fair-3	X				
56	MS 2x2", 2x3" cal	Hemlock	Good-4	X				
57	5" cal	Hickory	Good-4					
58	6" cal	Ash	Good-4		X	X		
59	6" cal	Hemlock	Good-4	X	X			
60	28" cal	Oak	Good-5			X	X	
61	23" cal	Oak	Good-5			X	X	
62	25" cal	Oak	Good-5			X	X	
63	MS 2x6" cal	Cherry	Good-4					
64	7" cal	Hemlock	Good-5			X	X	
65	18" cal	Hemlock	Good-4			X	X	
66	4" cal	Ash	Dead					
67	23" cal	Ash	Good-5			X		
68	3" cal	Cherry	Fair-3	X				
69	3" cal	Cherry	Fair-3	X				
70	7" cal	Hemlock	Good-4	X				
71	MS 3x3", 1x5" cal	Hemlock	Fair-3		X		X	
72	11" cal	Ash	Good-4		X	X		
73	20" cal	Ash	Fair-3					
74	14" cal	Oak	Good-4			X		
75	8" cal	Hawthorn	Fair-3	X				
76	6" cal	Hawthorn	Fair-3					
77	6" cal	Ash	Dead					
78	MS 2x7" cal	Ash	Fair-3	X				
79	8" cal	Ash	Dead					
80	13" cal	Ash	Good-4			X		
81	3" cal	Elm	Good-1					
82	7" cal	Ash	Good-4					
83	7" cal	Hawthorn	Fair-3					
84	16" cal	Ash	Poor-2	X				
85	8" cal	Oak	Good-4		X	X		
86	3" cal	Hickory	Good-4					
87	6" cal	Hickory	Good-4		X	X		

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
88	10" cal	Oak	Good-4					
89	6" cal	Oak	Good-4					
90	6" cal	Ash	Good-4	X				
91	6" cal	Hawthorn	Good-4	X				
92	4" cal	Hickory	Good-4	X				
93	6" cal	Oak	Good-4	X				
94	6" cal	Oak	Good-4	X				
95	3" cal	Hickory	Good-4	X				
96	6" cal	Oak	Good-4	X				
97	3" cal	Oak	Good-4	X				
98	MS 2x4", 1x2" cal	Hawthorn	Fair-3					
99	4" cal	Ash	Fair-3					
100	6" cal	Oak	Good-4	X				
101	7" cal	Oak	Good-4	X				
102	3" cal	Cherry	Good-4	X				
103	3" cal	Cherry	Good-4	X				
104	4" cal	Ash	Good-4	X				
105	4" cal	Elm	Good-4	X				
106	4" cal	Elm	Good-4	X				
107	3" cal	Ash	Good-4	X				
108	4" cal	Ash	Good-4	X				
109	3" cal	Ash	Good-4	X				
110	MS 2x15" cal	Oak	Good-4					
111	3" cal	Ash	Good-4	X				
112	MS 2x5" cal	Hawthorn	Good-4					
113	12" cal	Oak	Good-4		X	X		
114	11" cal	Ash	Good-4					
115	3" cal	Oak	Good-4					

- LEGEND:**
- TREE TO BE REMOVED
  - TREE TO REMAIN
  - ENGINEERED BARRIER (TREE ROOT PROTECTION)
  - TEMPORARY FENCE

9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0600



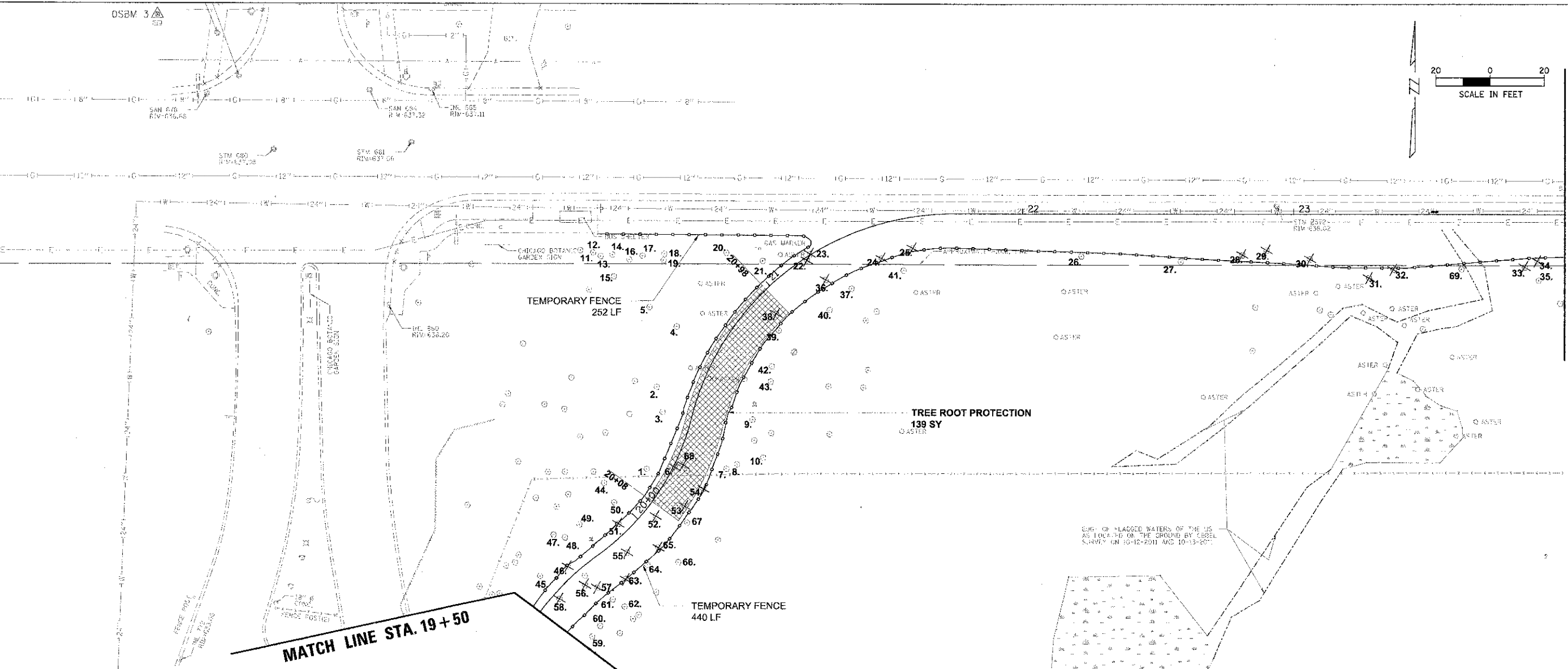
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DATE: 4/11/13	CHECKED: MWJ	REVISED:
	DATE: 4/11/13	REVISED:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
VEGETATION PROTECTION AND REMOVAL PLANS

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 9
SCALE: 1" = 20'			CONTRACT NO. 63781	

OS&M 3



MATCH LINE STA. 24+00

MATCH LINE STA. 19+50

ENG. OF FLAGGED WATERS OF THE US AS LOCATED ON THE GROUND BY CABEL SURVEY ON 10-12-2011 AND 10-13-2011

STA. 19+50 - 24+00 Tree Preservation & Removal Schedule

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	11" cal	Oak	Good-5			X		
2	8" cal	Oak	Good-5					
3	4" cal	Oak	Good-5					
4	17" cal	Hickory	Good-5					
5	23" cal	Oak	Good-5	X				
6	7" cal	Linden	Good-5					
7	13" cal	Oak	Good-5			X		
8	10" cal	Oak	Good-5			X		
9	22" cal	Oak	Good-5					
10	4" cal	Oak	Good-5					
11	10" cal	Quaking Aspen	Fair-3					
12	2" cal	Ash	Good-4					
13	2" cal	Linden	Good-4					
14	2" cal	Ash	Good-4					
15	11" cal	Hickory	Good-5					
16	9" cal	Oak	Good-4					
17	4" cal	Hawthorn	Good-4					
18	4" cal	Ash	Good-4					
19	4" cal	Ash	Good-4					
20	4" cal	Ash	Poor-2					
21	4" cal	Hickory	Fair-3					
22	3" cal	Cherry	Fair-3	X				
23	10" cal	Ash	Fair-3	X				
24	6" cal	Hickory	Good-5	X				
25	4" cal	Hickory	Good-5	X				
26	4" cal	Ash	Fair-3			X		
27	9" cal	Walnut	Poor-2			X		
28	14" cal	Ash	Fair-3	X				
29	14" cal	Oak	Good-4	X				
30	MS 4x6" cal	Linden	Good-5	X				
31	12" cal	Ash	Poor-2	X				
32	3" cal	Walnut	Poor-1	X				
33	4" cal	Ash	Poor-1	X				
34	8" cal	Ash	Good-4	X				
35	14" cal	Walnut	Good-4			X		
36	7" cal	Ash	Poor-2	X				
37	4" cal	Ash	Good-4					
38	11" cal	Oak	Good-4	X				
39	14" cal	Hickory	Good-4			X		

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
40	5" cal	Hickory	Good-4	X				
41	4" cal	Hawthorn	Fair-3					
42	4" cal	Oak	Good-4					
43	8" cal	Oak	Good-4					
44	8" cal	Oak	Good-4					
45	7" cal	Hickory	Good-4		X	X		
46	6" cal	Hickory	Good-4	X				
47	4" cal	Oak	Good-4					
48	4" cal	Oak	Good-4					
49	5" cal	Ash	Fair-3					
50	12" cal	Oak	Good-5		X	X		
51	6" cal	Ash	Fair-3	X				
52	5" cal	Elm	Good-4	X				
53	10" cal	Ash	Good-4	X				
54	3" cal	Elm	Good-4		X			
55	12" cal	Elm	Good-2	X				
56	8" cal	Hickory	Good-4	X				
57	7" cal	Oak	Good-4	X				
58	2" cal	Oak	Good-4	X				
59	10" cal	Oak	Good-4					
60	2" cal	Hickory	Good-4		X	X		
61	6" cal	Elm	Good-4		X			
62	4" cal	Hickory	Good-4					
63	10" cal	Hickory	Good-4	X				
64	15" cal	Ash	Good-4	X	X	X		
65	8" cal	Oak	Good-4	X				
66	4" cal	Hickory	Good-4		X	X		
67	10" cal	Oak	Good-4		X	X		
68	3" cal	Hickory	Good-4	X				

- LEGEND:**
- TREE TO BE REMOVED ✕
  - TREE TO REMAIN ○
  - ENGINEERED BARRIER (TREE ROOT PROTECTION) [Cross-hatched box]
  - TEMPORARY FENCE [Dashed line]

9675 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



USER NAME = jthomas  
PLOT SCALE = 20'  
PLOT DATE = 4/11/2013

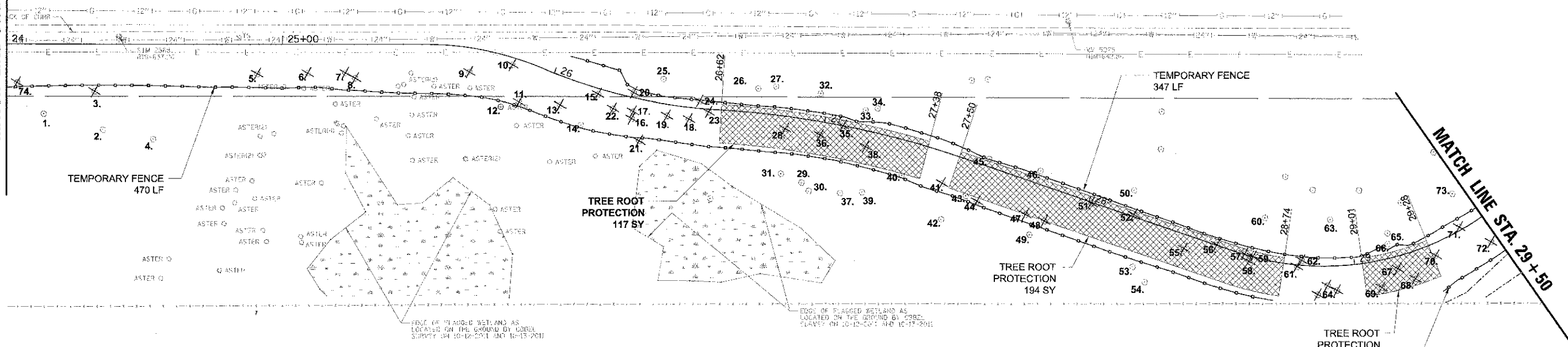
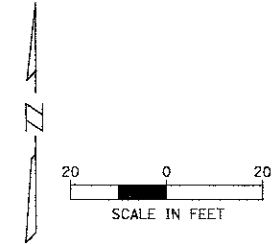
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DRAWN - PJH  
CHECKED - MWJ  
DATE - 4/11/13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
VEGETATION PROTECTION AND REMOVAL PLANS  
SCALE: 3" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3726	SECTION 10-F3000-22-9T	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 10
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	

MATCH LINE STA. 24 + 00



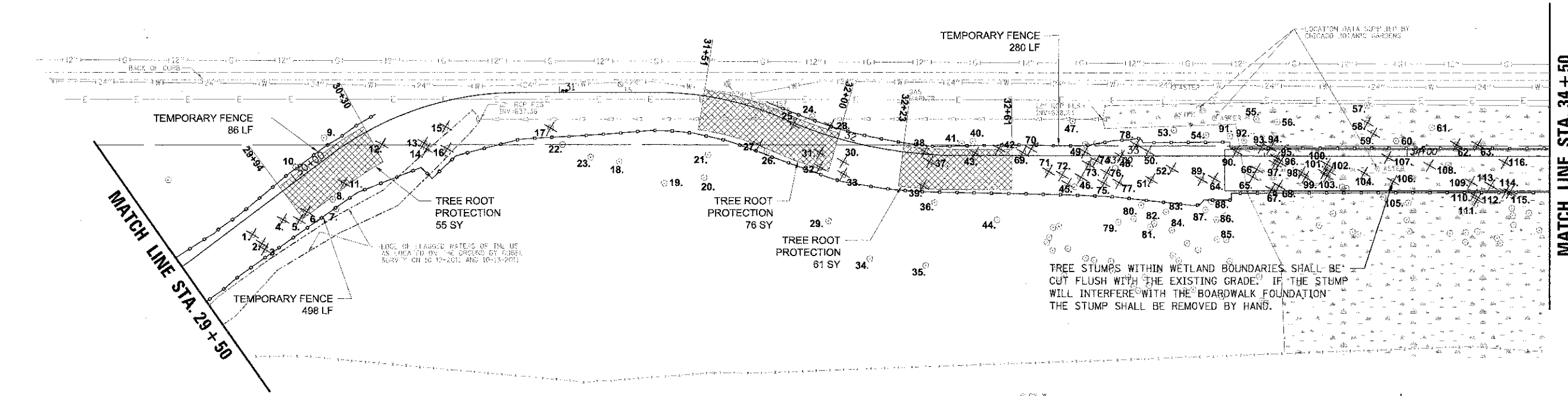
STA. 24+00 - 29+50 Tree Preservation & Removal Schedule

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	5" cal	Ash	Fair-3					
2	5" cal	Walnut	Good-4					
3	8" cal / 8' ht	Dead trunk	Dead	X				
4	30" cal	Oak	Good-5					
5	12" cal	Elm	Good-4	X				
6	12" cal	Ash	Poor-2	X				
7	MS: 1x5, 1x7 cal	Linden	Fair-3	X				
8	MS: 2x9 cal	Linden	Fair-3	X				
9	3" cal	Oak	Good-4	X				
10	4" cal	Ash	Good-5	X				
11	10" cal	Elm	Good-4	X				
12	12" cal	Ash	Fair-3	X	X	X		
13	8" cal	Elm	Fair-3	X				
14	6" cal	Elm	Fair-3	X	X	X		
15	MS: 1x6, 1x10 cal	Linden	Fair-3	X				
16	4" cal	Ash	Fair-3	X				
17	4" cal	Ash	Fair-3	X				
18	10" cal	Ash	Fair-3	X				
19	4" cal / 20' ht	Dead trunk	Dead	X				
20	5" cal	Maple	Good-4	X				
21	5" cal	Maple	Good-4	X				
22	MS: 2x7, 1x5 cal	Elm	Good-4	X				
23	4" cal	Bovelder	Good-4	X				
24	8" cal	Linden	Good-4	X				
25	10" cal	Oak	Good-4	X			X	
26	23" cal	Oak	Good-4				X	
27	13" cal	Maple	Good-4					
28	7" cal	Elm	Good-4	X				
29	17" cal	Oak	Good-5					
30	25" cal	Oak	Good-5					
31	6" cal	Maple	Fair-3					
32	12" cal	Oak	Good-4					
33	17" cal	Oak	Good-4				X	
34	24" cal	Oak	Good-4				X	
35	5" cal	Ash	Fair-3	X				
36	3" cal	Serviceberry	Fair-3	X				
37	9" cal	Oak	Good-4					
38	6" cal	Ash	Dead	X				
39	25" cal	Oak	Good-5					
40	6" cal	Walnut	Fair-3				X	
41	10" cal	Ash	Fair-3	X				
42	5" cal	Hickory	Good-4					
43	7" cal	Hickory	Fair-3				X	
44	5" cal	Cherry	Good-4	X				
45	16" cal	Oak	Good-4				X	
46	12" cal	Oak	Good-4				X	
47	3" cal	Hawthorn	Fair-3	X				
48	3" cal	Cherry	Fair-3	X				
49	3" cal	Hophornbeam	Fair-3					
50	4" cal	Oak	Good-4				X	
51	6" cal	Walnut	Fair-3	X				
52	6" cal	Hawthorn	Good-4	X				
53	9" cal	Oak	Good-5					
54	5" cal	Maple	Good-4					
55	16" cal	Ash	Dead	X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
56	6" cal	Cherry	Fair-3	X				
57	6" cal	Hophornbeam	Good-4	X				
58	6" cal	Hophornbeam	Good-4	X				
59	8" cal	Linden	Good-4	X				
60	20" cal	Oak	Good-5					
61	10" cal	Linden	Fair-3	X				
62	8" cal	Linden	Good-4	X				
63	7" cal	Maple	Good-4					
64	20' ht - 30' ht	Dead Trunks (3 trees)	Dead	X				
65	7" cal	Oak	Good-4					
66	5" cal	Oak	Good-5			X		
67	8" cal	Linden	Fair-3	X				
68	3" cal	Linden	Fair-3	X				
69	3" cal	Hophornbeam	Poor-2	X				
70	6" cal	Linden	Fair-3	X				
71	6" cal	Elm	Fair-3	X				
72	8" cal	Linden	Good-4	X				
73	24" cal	Linden	Good-4		X			
74	6" cal	Ash	Poor-2	X				

**LEGEND:**

- TREE TO BE REMOVED ✕
- TREE TO REMAIN ○
- ENGINEERED BARRIER (TREE ROOT PROTECTION) [Hatched Box]
- TEMPORARY FENCE [Dashed Line]

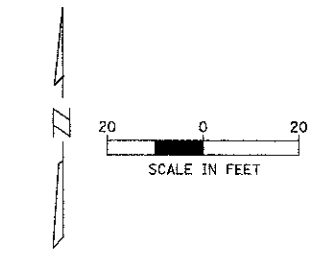


STA. 29+50 - 34+50 Tree Preservation & Removal Schedule

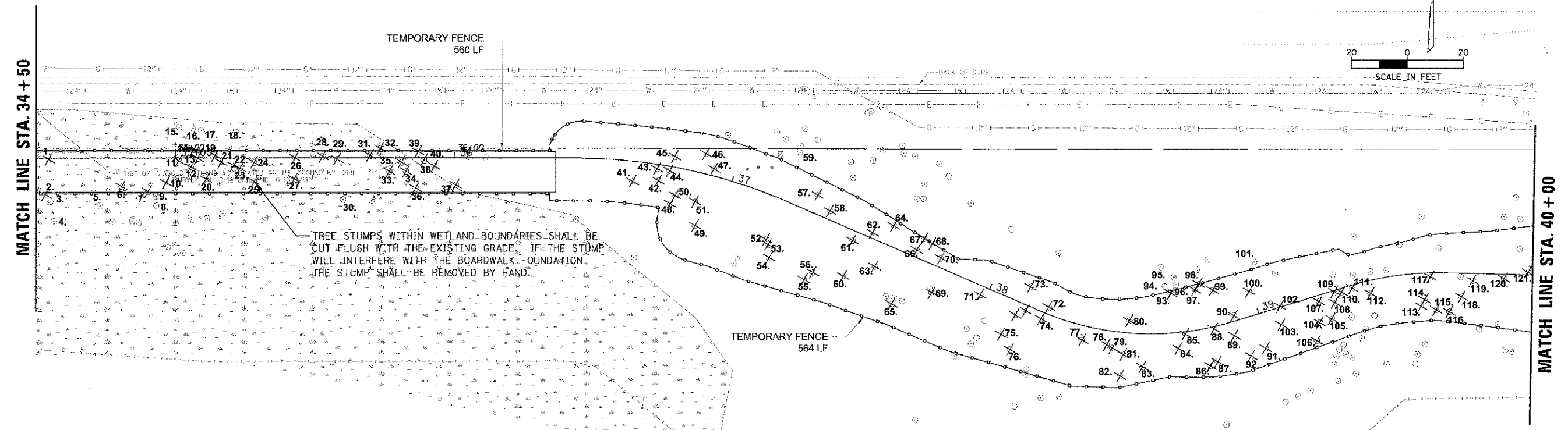
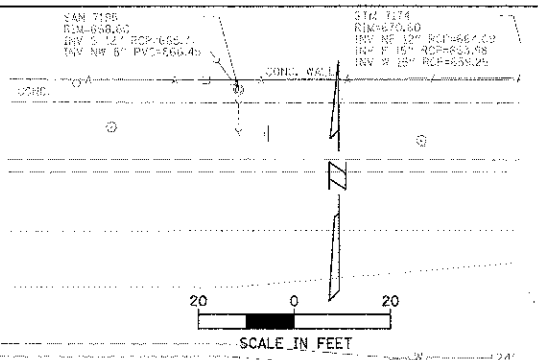
Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	8" cal	Linden	Good-4	X				
2	6" cal	Hophornbeam	Good-4	X				
3	12" cal	Ash	Good-4	X				
4	4" cal	Linden	Good-4	X				
5	4" cal	Maple	Fair-3	X				
6	4" cal	Maple	Fair-3	X				
7	24" cal	Oak	Good-4			X		
8	8" cal	Maple	Good-4					
9	19" cal	Oak	Good-4			X		
10	6" cal	Hophornbeam	Fair-3			X		
11	3" cal	Maple	Fair-3	X				
12	6" cal	Cherry	Poor-2	X				
13	6" cal	Hophornbeam	Fair-3	X				
14	12" cal	Ash	Fair-3	X				
15	4" cal	Maple	Good-4	X				
16	8" cal	Maple	Good-4	X				
17	9" cal	Maple	Poor-1	X				
18	12" cal	Oak	Good-4					
19	15" cal	Oak	Good-4					
20	24" cal	Oak	Good-4					
21	25" cal	Oak	Good-4					
22	6" cal	Maple	Good-4		X			
23	6" cal	Maple	Fair-3		X			
24	17" cal	Oak	Good-5			X		
25	4" cal	Ash	Poor-2	X				
26	6" cal	Maple	Good-4			X		
27	4" cal	Ash	Fair-3	X				
28	8" cal	Maple	Good-4	X				
29	8" cal	Oak	Good-4					
30	12" cal	Oak	Good-4	X				
31	5" cal	Hophornbeam	Fair-3	X				
32	5" cal	Hophornbeam	Fair-3	X				
33	4" cal	Ash	Fair-3	X				
34	24" cal	Walnut	Good-5					
35	5" cal	Oak	Good-4					
36	9" cal	Oak	Good-4			X		
37	15" cal	Ash	Fair-3	X				
38	MS 1x8" 1x4" cal	Hophornbeam	Good-4	X				
39	3" cal	Hophornbeam	Fair-3	X				
40	17" cal	Hickory	Good-5			X		
41	6" cal	Elm	Good-4			X		
42	6" cal	Elm	Good-4	X				
43	7" cal	Maple	Fair-3	X				
44	24" cal	Walnut	Fair-3					
45	7" cal	Walnut	Poor-2	X				
46	13" cal	Oak	Poor-2	X				
47	18" cal	Maple	Poor-2	X				
48	8" cal	Linden	Good-4	X				
49	MS 2x4" 2x3" cal	Linden	Good-4	X				
50	7" cal	Ash	Fair-3	X				
51	4" cal	Oak	Good-4	X				
52	6" cal	Ash	Dead	X				
53	7" cal	Oak	Fair-3					
54	6" cal	Ash	Fair-3		X			

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
55	10" cal	Ash	Poor-2					
56	8" cal	Ash	Fair-3					
57	6" cal	Elm	Fair-3					
58	8" cal	Elm	Dead	X				
59	8" cal	Elm	Dead	X				
60	1.5" cal	Oak	Fair-3					
61	4" cal	Ash	Poor-2					
62	12" cal / 15' ht	Dead Trunk	Dead	X				
63	10" cal / 4' ht	Dead Trunk	Dead	X				
64	6" cal / 30' ht	Dead Trunk	Dead	X				
65	2" cal	Ash	Poor-2	X				
66	5" cal	Ash	Poor-2	X				
67	2" cal	Ash	Poor-2	X				
68	6" cal	Ash	Poor-2	X				
69	3" cal	Ash	Dead	X				
70	5" cal	Elm	Fair-3	X				
71	3" cal	Elm	Fair-3	X				
72	2" cal	Ash	Fair-3	X				
73	3" cal	Maple	Poor-2	X				
74	2" cal	Maple	Poor-2	X				
75	4" cal	Maple	Poor-2	X				
76	2" cal	Maple	Poor-2	X				
77	4" cal	Maple	Poor-2	X				
78	4" cal	Ash	Poor-2	X				
79	4" cal	Maple	Fair-3					
80	6" cal	Maple	Fair-3					
81	4" cal	Maple	Fair-3					
82	2" cal	Maple	Fair-3					
83	5" cal	Hickory	Fair-3			X		
84	13" cal	Oak	Good-5					
85	13" cal	Oak	Good-4					
86	5" cal	Oak	Fair-3					
87	5" cal	Oak	Fair-3					
88	6" cal	Hickory	Good-4			X		
89	2" cal	Dead Trunk	Dead	X				
90	4" cal	Ash	Poor-2	X				
91	5" cal	Ash	Poor-2					
92	4" cal	Ash	Poor-2					
93	4" cal	Ash	Poor-2	X				
94	5" cal	Ash	Poor-2	X				
95	3" cal	Ash	Poor-2	X				
96	3" cal	Ash	Poor-2	X				
97	3" cal	Ash	Poor-2	X				
98	5" cal	Ash	Poor-2	X				
99	6" cal	Ash	Poor-2	X				
100	4" cal	Ash	Poor-2	X				
101	4" cal	Ash	Poor-2	X				
102	4" cal	Ash	Poor-2	X				
103	4" cal	Ash	Poor-2	X				
104	8" cal	Ash	Fair-3	X				
105	8" cal	Ash	Fair-3			X		
106	8" cal	Ash	Fair-3	X				
107	MS 2x5" cal	Walnut	Fair-3	X				
108	2" cal	Oak	Fair-3	X				
109	2" cal	Elm	Poor-2	X				
110	5" cal	Ash	Poor-2	X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
111	21" cal	Oak	Good-4			X		
112	2" cal	Maple	Poor-2	X				
113	3" cal	Ash	Poor-2	X				
114	2" cal	Ash	Poor-2	X				
115	4" cal	Ash	Poor-2	X				
116	2" cal	Ash	Poor-2	X				



**LEGEND:**  
 TREE TO BE REMOVED ✕  
 TREE TO REMAIN ○  
 ENGINEERED BARRIER (TREE ROOT PROTECTION) [Cross-hatched box]  
 TEMPORARY FENCE [Dashed line]



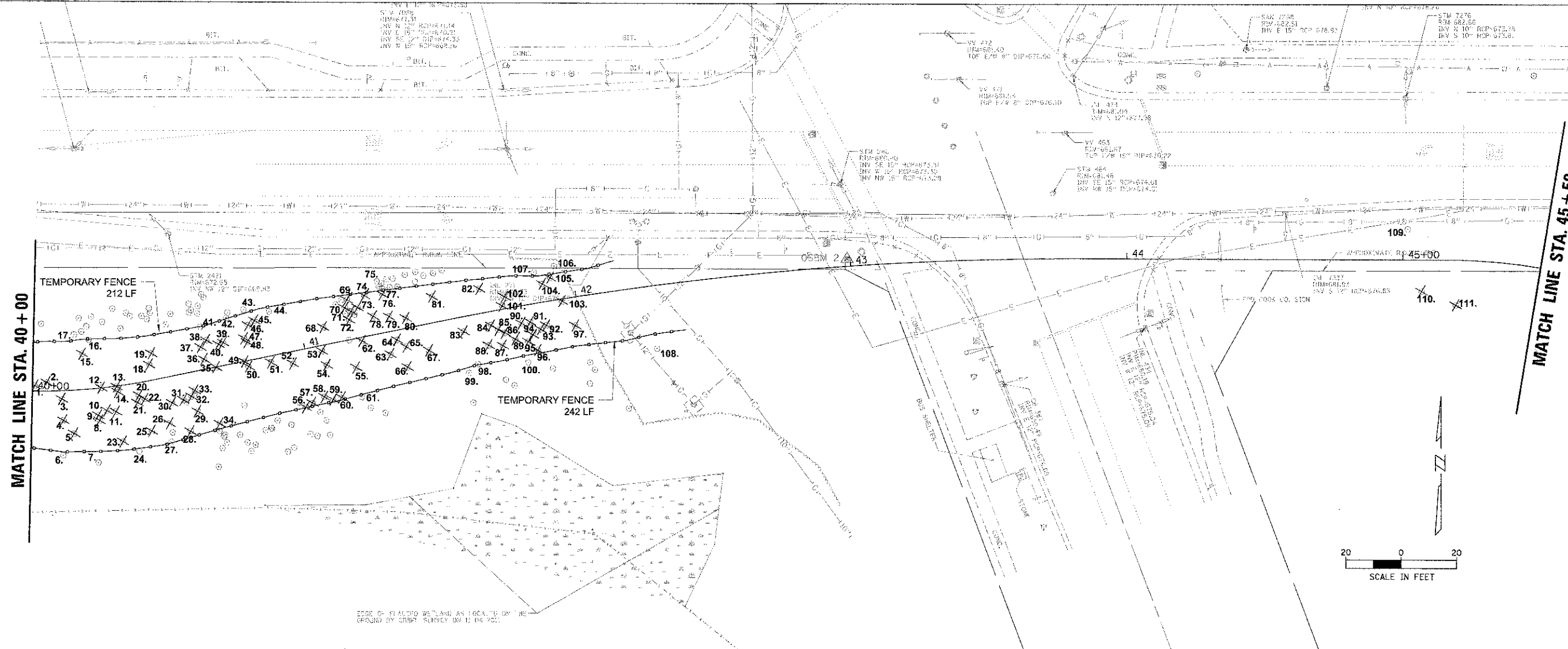
STA. 34+50 - 40+00 Tree Preservation & Removal Schedule

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	6" cal	Ash	Fair-3	X				
2	3" cal	Walnut	Poor-2	X				
3	7" cal	Hickory	Fair-3			X		
4	24" cal	Oak	Good-5					
5	6" cal	Walnut	Poor-2			X		
6	6" cal	Ash	Poor-2	X				
7	5" cal	Ash	Poor-2	X				
8	10" cal	Elm	Good-4			X		
9	7" cal / 30' ht	Dead Tree	Dead	X				
10	6" cal / 30' ht	Dead Tree	Dead	X				
11	4" cal	Ash	Poor-2	X				
12	10" cal	Elm	Poor-2	X				
13	4" cal	Ash	Poor-2	X				
14	4" cal	Ash	Poor-2	X				
15	6" cal	Ash	Fair-3					
16	3" cal	Ash	Fair-3					
17	10" cal	Ash	Good-4			X		
18	N/S 1x6 1x4 cal	Ash	Fair-3					
19	4" cal	Ash	Poor-2	X				
20	6" cal / 25' ht	Dead Tree	Dead	X				
21	6" cal	Ash	Poor-2	X				
22	6" cal	Ash	Poor-2	X				
23	3" cal	Oak	Fair-3	X				
24	6" cal	Ash	Poor-2	X				
25	6" cal	Ash	Poor-2	X				
26	9" cal	Ash	Poor-2	X				
27	5" cal	Ash	Poor-2	X				
28	6" cal	Elm	Fair-3	X				
29	6" cal / 23' ht	Dead Tree	Dead	X				
30	7" cal	Oak	Good-4			X		
31	11" cal	Ash	Poor-2	X				
32	8" cal	Ash	Poor-2	X				
33	3" cal	Oak	Fair-3	X				
34	8" cal	Ash	Poor-2	X				
35	3" cal	Ash	Poor-2	X				
36	4" cal	Ash	Poor-2	X				
37	7" cal	Ash	Poor-2	X				
38	10" cal	Ash	Poor-2	X				
39	5" cal	Ash	Poor-2	X				
40	3" cal	Ash	Poor-2	X				
41	14" cal	Ash	Fair-3	X				
42	8" cal	Ash	Poor-2	X				
43	3" cal	Ash	Poor-2	X				
44	8" cal	Ash	Poor-2	X				
45	3" cal	Ash	Poor-2	X				
46	10" cal	Ash	Poor-2	X				
47	6" cal	Ash	Fair-3	X				
48	14" cal	Ash	Fair-3	X				
49	7" cal	Dead Tree	Dead	X				
50	2" cal	Ash	Poor-2	X				
51	6" cal	Ash	Fair-3	X				
52	16" cal	Walnut	Fair-3	X				
53	11" cal	Elm	Good-4	X				
54	16" cal	Elm	Good-4	X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
55	10" cal / 40' ht	Ash	Dead	X				
56	MS: 1x4" 1x2" cal	Hawthorn	Poor-2	X				
57	10" cal	Walnut	Fair-3	X				
58	10" cal	Walnut	Fair-3	X				
59	8" cal	Walnut	Good-4			X		
60	12" cal	Elm	Fair-3	X				
61	4" cal / 25' ht	Ash	Dead	X				
62	15" cal	Walnut	Fair-3	X				
63	15" cal	Walnut	Good-4	X				
64	8" cal / 30' ht	Ash	Dead	X				
65	4" cal	Elm	Fair-3	X				
66	8" cal / 30' ht	Dead Tree	Dead	X				
67	6" cal	Hophornbeam	Fair-3	X				
68	6" cal	Ash	Poor-2	X				
69	5" cal / 7' ht	Dead Tree	Dead	X				
70	3" cal	Cherry	Dead	X				
71	6" cal	Walnut	Good-4	X				
72	12" cal	Ash	Good-4	X				
73	6" cal	Dead Tree	Dead	X				
74	4" cal	Ash	Poor-1	X				
75	12" cal	Walnut	Poor-1	X				
76	12" cal	Walnut	Good-4	X				
77	6" cal	Hophornbeam	Good-4	X				
78	6" cal	Hophornbeam	Good-4	X				
79	4" cal	Hawthorn	Fair-3	X				
80	6" cal	Oak	Fair-3	X				
81	5" cal / 30' ht	Dead Tree	Dead	X				
82	6" cal	Hawthorn	Good-4	X				
83	16" cal	Walnut	Good-4	X				
84	4" cal / 10' ht	Dead Tree	Dead	X				
85	4" cal / 15' ht	Dead Tree	Dead	X				
86	16" cal	Oak	Good-4	X				
87	3" cal	Elm	Poor-2	X				
88	6" cal	Linden	Poor-1	X				
89	4" cal	Ash	Good-4	X				
90	8" cal	Dead Tree	Dead	X				
91	12" cal	Elm	Good-4	X				
92	4" cal	Dead Tree	Dead	X				
93	11" cal	Ash	Poor-2	X				
94	4" cal	Ash	Poor-2	X				
95	6" cal	Ash	Fair-3	X				
96	2" cal	Ash	Poor-2	X				
97	7" cal	Ash	Dead	X				
98	6" cal	Ash	Poor-2	X				
99	6" cal	Walnut	Fair-3	X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
100	2" cal	Hawthorn	Poor-2	X				
101	3" cal	Ash	Dead	X				
102	2" cal	Ash	Dead	X				
103	6" cal	Cherry	Fair-3	X				
104	6" cal	Dead Tree	Dead	X				
105	10" cal	Dead Tree	Dead	X				
106	6" cal / 35' ht	Ash	Dead	X				
107	3" cal	Ash	Dead	X				
108	3" cal	Elm	Fair-3	X				
109	6" cal	Dead Tree	Dead	X				
110	6" cal	Dead Tree	Dead	X				
111	4" cal	Dead Tree	Dead	X				
112	6" cal	Ash	Poor-1	X				
113	4" cal	Maple	Good-4	X				
114	2" cal	Maple	Good-4	X				
115	6" cal	Maple	Good-4	X				
116	2" cal	Maple	Fair-3	X				
117	8" cal	Maple	Good-4	X				
118	4" cal	Maple	Fair-3	X				
119	10" cal	Ash	Good-4	X				
120	8" cal	Maple	Good-4	X				
121	6" cal	Ash	Fair-3	X				

LEGEND:  
 TREE TO BE REMOVED ✕  
 TREE TO REMAIN ○  
 ENGINEERED BARRIER (TREE ROOT PROTECTION) [Cross-hatched box]  
 TEMPORARY FENCE [Dashed line]



EDGE OF PALOZO WETLANDS AS LOCATED ON THE GROUND BY CSRP SURVEY ON 11/04/2011

STA. 40+00 - 45+50 Tree Preservation & Removal Schedule

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	4" cal	Ash	Fair-3	X				
2	4" cal	Ash	Fair-3	X				
3	8" cal	Maple	Good-4	X				
4	4" cal			X				
5	10" cal			X				
6	3" cal			X				
7	4" cal			X				
8	10" cal			X				
9	18" cal			X				
10	2" cal			X				
11	4" cal			X				
12	8" cal	Maple	Good-4	X				
13	10" cal	Elm	Good-4	X				
14	12" cal	Maple	Good-4	X				
15	4" cal			X				
16	4" cal			X				
17	3" cal			X				
18	2" cal			X				
19	8" cal			X				
20	4" cal	Maple	Good-4	X				
21	4" cal	Elm	Good-4	X				
22	3" cal	Elm	Fair-3	X				
23	2" cal			X				
24	6" cal			X		X		
25	6" cal			X				
26	6" cal			X				
27	18" cal			X		X		
28	4" cal			X				
29	2" cal			X				
30	2" cal			X				
31	2" cal			X				
32	2" cal			X				
33	12" cal	Walnut	Good-4	X				
34	6" cal			X				
35	12" cal	Dead Tree	Dead	X				
36	3" cal			X				
37	3" cal			X				
38	10" cal			X				
39	3" cal			X				
40	6" cal			X				
41	3" cal			X				
42	4" cal			X				

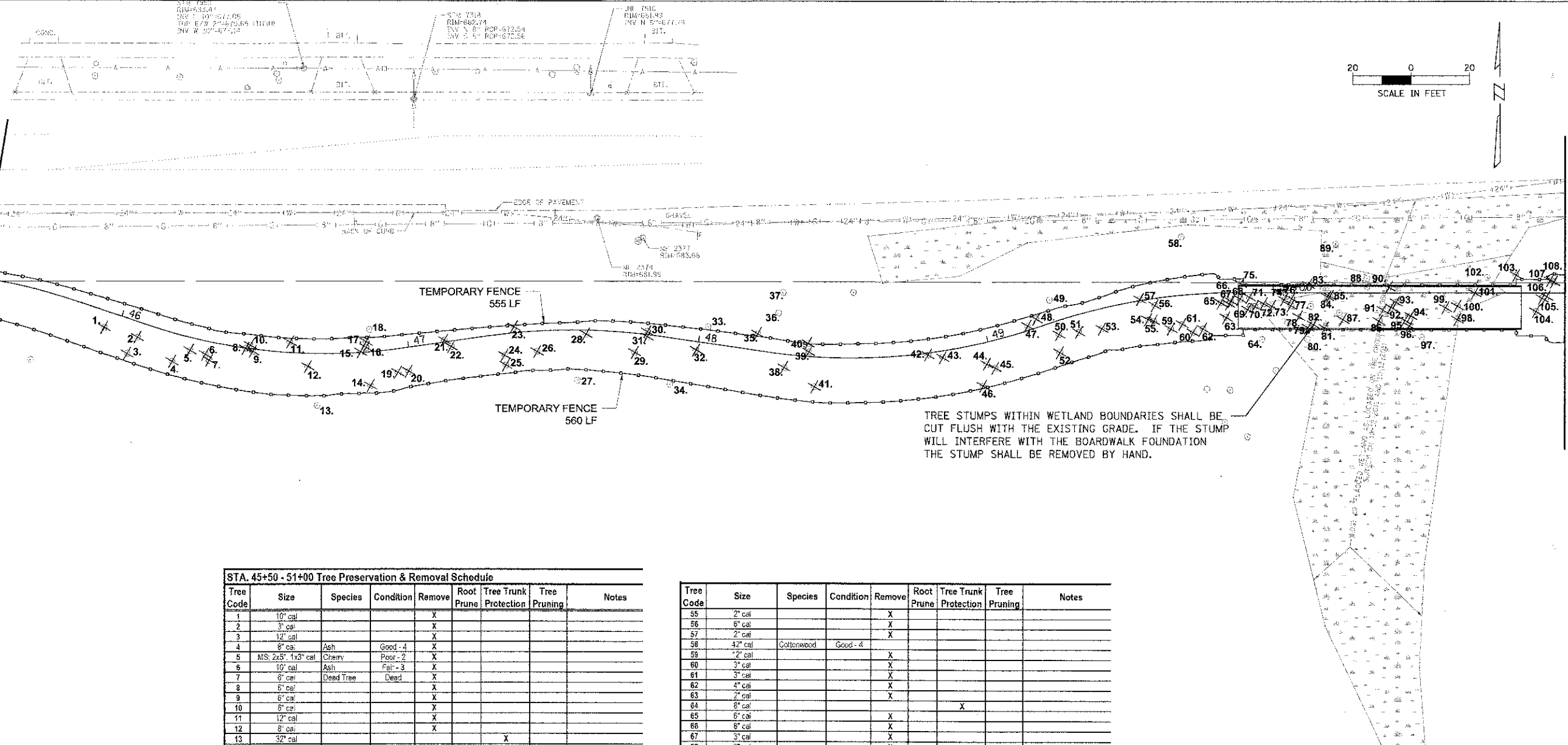
Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
43	3" cal			X				
44	36" cal			X		X		
45	2" cal			X				
46	2" cal			X				
47	3" cal			X				
48	3" cal			X				
49	2" cal			X				
50	6" cal	Maple	Good-4	X				
51	3" cal	Maple	Fair-3	X				
52	8" cal	Dead Tree	Dead	X				
53	16" cal	Walnut	Good-4	X				
54	4" cal	Ash	Poor-1	X				
55	8" cal	Maple	Good-4	X				
56	3" cal			X				
57	4" cal			X				
58	3" cal			X				
59	8" cal			X				
60	3" cal			X				
61	4" cal			X				
62	3" cal	Maple	Good-4	X				
63	6" cal	Ash	Fair-3	X				
64	4" cal	Maple	Good-4	X				
65	2" cal	Maple	Fair-3	X				
66	4" cal	Dead Tree	Dead	X				
67	6" cal	Dead Tree	Dead	X				
68	3" cal			X				
69	8" cal			X				
70	3" cal			X				
71	11" cal			X				
72	3" cal			X				
73	4" cal			X				
74	4" cal			X				
75	6" cal			X		X		
76	3" cal			X				
77	6" cal			X		X		
78	4" cal			X				
79	8" cal			X				
80	8" cal			X				
81	8" cal			X				
82	3" cal			X				
83	10" cal	Ash	Good-4	X				
84	8" cal	Dead Tree	Dead	X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
85	6" cal	Dead Tree	Dead	X				
86	6" cal	Elm	Fair-3	X				
87	5" cal	Elm	Fair-3	X				
88	3" cal	Elm	Fair-3	X				
89	10" cal	Dead Tree	Dead	X				
90	4" cal	Elm	Good-4	X				
91	4" cal	Elm	Good-4	X				
92	6" cal	Elm	Poor-2	X				
93	5" cal	Elm	Fair-3	X				
94	3" cal	Maple	Fair-3	X				
95	6" cal	Dead Tree	Dead	X				
96	6" cal	Maple	Fair-3	X				
97	4" cal	Elm	Fair-3	X				
98	6" cal			X				
99	6" cal			X				
100	6" cal			X				
101	6" cal			X				
102	3" cal			X				
103	2" cal			X				
104	5" cal	Ash	Poor-2	X				
105	8" cal	Ash	Fair-3	X				
106	6" cal	Maple	Fair-3	X				
107	4" cal			X				
108	10" cal	Ash	Good-4	X				
109	24" cal	Coniferwood	Good-4	X		X		
110	15" ht x 20" w	Buckthorn	Invasive	X				
111	15" ht x 20" w	Buckthorn	Invasive	X				

- LEGEND:**
- TREE TO BE REMOVED
  - TREE TO REMAIN
  - ENGINEERED BARRIER (TREE ROOT PROTECTION)
  - TEMPORARY FENCE

MATCH LINE STA. 45+50

MATCH LINE STA. 51+00



TREE STUMPS WITHIN WETLAND BOUNDARIES SHALL BE CUT FLUSH WITH THE EXISTING GRADE. IF THE STUMP WILL INTERFERE WITH THE BOARDWALK FOUNDATION THE STUMP SHALL BE REMOVED BY HAND.

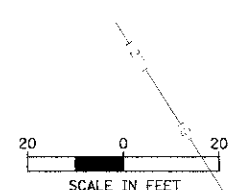
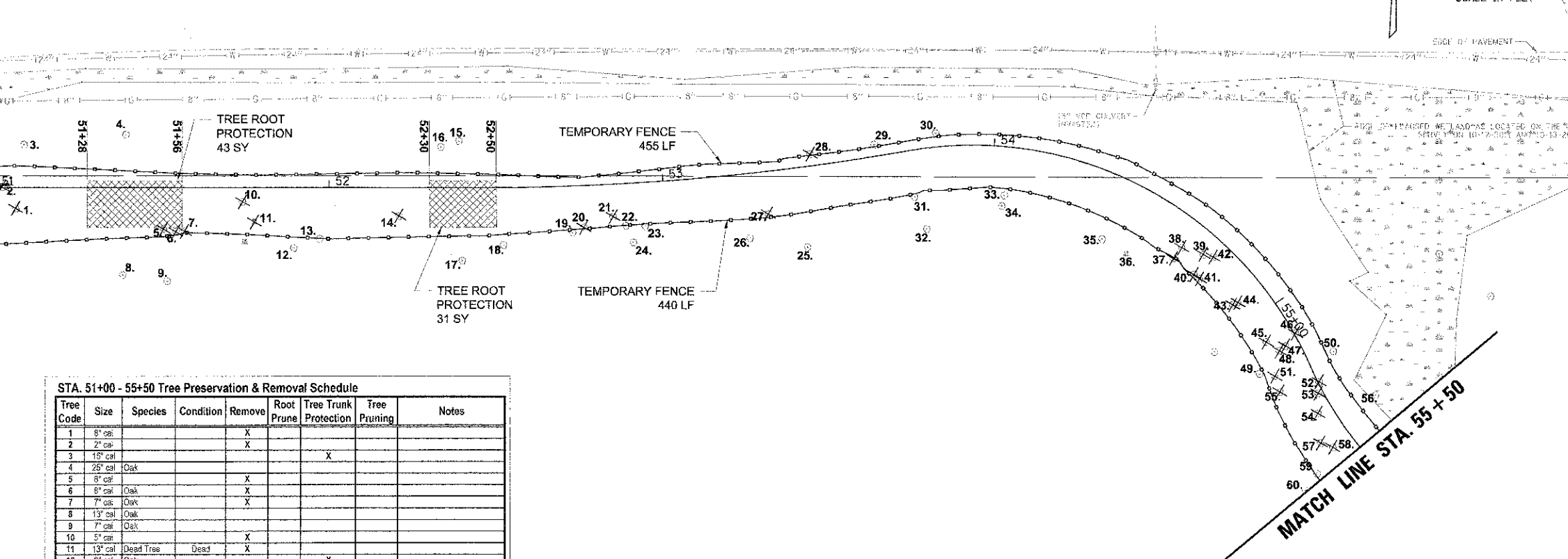
**STA. 45+50 - 51+00 Tree Preservation & Removal Schedule**

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	10" cal			X				
2	3" cal			X				
3	12" cal			X				
4	8" cal	Ash	Good - 4	X				
5	MS: 2x5", 1x3" cal	Cherry	Poor - 2	X				
6	10" cal	Ash	Fair - 3	X				
7	6" cal	Dead Tree	Dead	X				
8	6" cal			X				
9	6" cal			X				
10	6" cal			X				
11	12" cal			X				
12	8" cal			X				
13	32" cal					X		
14	10" cal			X				
15	8" cal	Ash	Fair - 3	X				
16	8" cal	Dead Tree	Dead	X				
17	4" cal	Elm	Fair - 3	X				
18	5" cal	Ash	Fair - 3			X		
19	12" cal	Dead Tree	Dead	X				
20	12" cal	Dead Tree	Dead	X				
21	12" cal	Catalpa	Good - 4	X				
22	5" cal			X				
23	15" cal	Elm	Poor - 1	X				
24	4" cal			X				
25	4" cal			X				
26	8" cal			X				
27	10" cal					X		
28	12" cal	Ash	Poor - 2	X				
29	12" cal			X				
30	10" cal			X				
31	10" cal	Ash	Good - 4	X				
32	12" cal			X				
33	10" cal			X				
34	6" cal				X	X		
35	8" cal	Ash	Fair - 3	X				
36	15" cal	Ash	Fair - 3			X		
37	9" cal	Oak	Good - 4					
38	10" cal	Dead Tree	Dead	X				
39	8" cal	Ash	Fair - 3	X				
40	12" cal	Ash	Good - 4	X				
41	12" cal			X				
42	3" cal			X				
43	8" cal			X				
44	10" cal			X				
45	10" cal			X				
46	10" cal			X				
47	10" cal			X				
48	3" cal			X				
49	12" cal					X		
50	6" cal			X				
51	6" cal			X				
52	6" cal			X				
53	24" cal			X				
54	12" cal			X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
55	2" cal			X				
56	6" cal			X				
57	2" cal			X				
58	42" cal	Callowood	Good - 4					
59	12" cal			X				
60	3" cal			X				
61	3" cal			X				
62	4" cal			X				
63	2" cal			X				
64	8" cal					X		
65	8" cal			X				
66	8" cal			X				
67	3" cal			X				
68	3" cal			X				
69	4" cal			X				
70	10" cal			X				
71	4" cal			X				
72	8" cal			X				
73	12" cal			X				
74	8" cal			X				
75	3" cal			X				
76	6" cal			X				
77	2" cal			X				
78	3" cal	Dead Tree	Dead	X				
79	6" cal			X				
80	6" cal					X		
81	12" cal			X				
82	4" cal			X				
83	3" cal			X				
84	3" cal			X				
85	4" cal			X				
86	6" cal			X				
87	18" cal			X				
88	3" cal					X		
89	18" cal	Ash	Good - 4			X		
90	15" cal	Elm	Fair - 3			X		
91	8" cal			X				
92	9" cal			X				
93	6" cal			X				
94	4" cal			X				
95	48" cal			X				
96	12" cal			X				
97	6" cal					X		
98	15" cal			X				
99	15" cal			X				
100	3" cal			X				
101	6" cal			X				
102	12" cal					X		
103	15" cal			X				
104	15" cal			X				
105	6" cal			X				
106	6" cal			X				
107	2" cal			X				
108	9" cal			X				

**LEGEND:**  
 TREE TO BE REMOVED ✕  
 TREE TO REMAIN ○  
 ENGINEERED BARRIER (TREE ROOT PROTECTION) [Cross-hatched box]  
 TEMPORARY FENCE [Dashed line]

MATCH LINE STA. 51 + 00

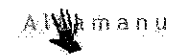


STA. 51+00 - 55+50 Tree Preservation & Removal Schedule

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	8" cal			X				
2	2" cal			X				
3	15" cal					X		
4	25" cal	Oak						
5	8" cal	Oak		X				
6	8" cal	Oak		X				
7	7" cal	Oak		X				
8	13" cal	Oak						
9	7" cal	Oak						
10	5" cal			X				
11	13" cal	Dead Tree	Dead	X				
12	8" cal	Oak				X		
13	4" cal	Oak			X	X		
14	7" cal	Oak		X				
15	17" cal	Oak				X		
16	17" cal	Oak				X		
17	6" cal	Oak				X		
18	6" cal	Oak				X		
19	8" cal				X	X		
20	12" cal			X				
21	10" cal			X				
22	4" cal				X	X		
23	10" cal				X	X		
24	6" cal				X			
25	11" cal	Oak						
26	4" cal	Hickory						
27	10" cal	Oak		X				
28	8" cal			X				
29	2" cal							
30	5" cal	Oak			X	X		
31	7" cal	Hickory			X	X		
32	11" cal	Oak						
33	10" cal				X	X		
34	6" cal							
35	3" cal							
36	8" cal	Dead Tree	Dead					
37	12" cal			X				
38	2" cal			X				
39	2" cal			X				
40	12" cal			X				
41	12" cal			X				
42	4" cal			X				
43	8" cal			X				
44	3" cal			X				
45	6" cal			X				
46	15" cal			X				
47	5" cal			X				
48	12" cal			X				
49	8" cal	Oak		X				
50	8" cal	Oak		X				
51	3" cal			X				
52	10" cal	Ash	Poor - 2	X				
53	3" cal	Hawthorn	Poor - 2	X				
54	15" cal	Ash	Poor - 2	X				
55	3" cal	Maple	Good - 4	X				
56	2" cal	Oak					X	
57	15" cal	Maple	Good - 4	X				
58	6" cal	Ash	Poor - 2	X				
59	8" cal	Ash	Fair - 3		X	X		
60	8" cal	Maple	Good - 4					

- LEGEND:**
- TREE TO BE REMOVED
  - TREE TO REMAIN
  - ENGINEERED BARRIER (TREE ROOT PROTECTION)
  - TEMPORARY FENCE

9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



USER NAME = mnomas	DESIGNED = MWJ	REVISED =
PLT SCALE = 20'	DRAWN = PJR	REVISED =
PRINT DATE = 4/11/2013	CHECKED = MWJ	REVISED =
	DATE = 4/11/13	REVISED =

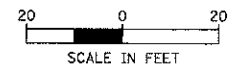
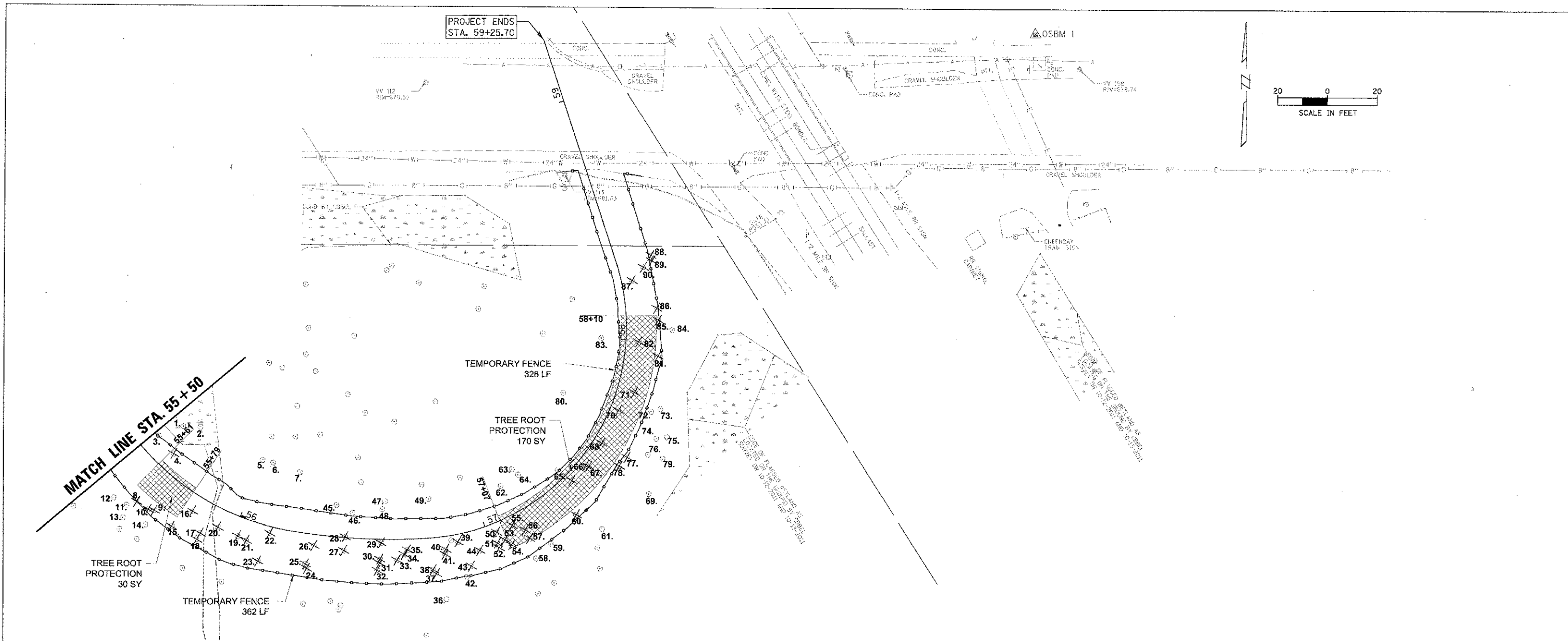
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
VEGETATION PROTECTION AND REMOVAL PLANS

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 16
SCALE: 1" = 20'				SHEET NO. OF SHEETS STA. TO STA.
ILLINOIS FED. AID PROJECT CONTRACT NO. 63781				

FILE NAME: REM\_110459\_09.SWT



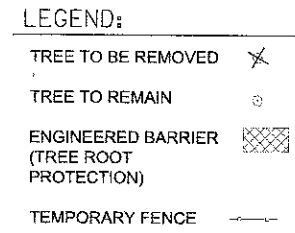


STA. 57+00 - 60+00 Tree Preservation & Removal Schedule




Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
1	8" cal	Oak						
2	4" cal	Oak						
3	8" cal							
4	10" cal			X				
5	11" cal	Oak						
6	5" cal	Oak						
7	8" cal	Oak						
8	3" cal	Maple	Poor-2	X				
9	4" cal	Hickory	Good-4	X				
10	4" cal	Maple	Good-4	X				
11	4" cal	Ash	Fair-3					
12	4" cal	Ash	Fair-3					
13	4" cal	Oak						
14	10" cal	Oak				X		
15	2" cal	Maple	Fair-3	X				
16	8" cal	Oak	Good-4	X				
17	5" cal	Elm	Good-4	X				
18	13" cal	Hickory	Good-4	X				
19	6" cal	Ash	Poor-1	X				
20	2" cal	Cherry	Poor-1	X				
21	6" cal	Ash	Fair-3	X				
22	12" cal	Ash	Good-4	X				
23	15" cal			X				
24	8" cal			X				
25	6" cal			X				
26	10" cal	Ash	Good-4	X				
27	10" cal	Cherry	Poor-2	X				
28	12" cal	Ash	Good-4	X				
29	8" cal	Ash	Fair-3	X				
30	12" cal	Ash	Fair-3	X				
31	3" cal	Dead Tree	Dead	X				
32	8" cal	Ash	Fair-3	X				
33	2" cal	Oak	Good-4	X				
34	18" cal	Oak	See Notes	X				
35	3" cal	Buckhorn	Good-4	X				
36	11" cal	Oak						
37	9" cal	Oak	Good-4	X				
38	12" cal	Ash	Good-4	X				
39	4" cal	Oak	Good-4	X				

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
40	10" cal	Ash	Good-4	X				
41	1" cal	Hawthorn	Fair-3	X				
42	4" cal	Hickory	Good-4			X		
43	8" cal	Ash	Fair-3	X				
44	3" cal	Dead Tree	Dead	X				
45	4" cal	Oak				X		
46	4" cal	Hickory				X		
47	5" cal	Oak				X		
48	6" cal	Oak				X		
49	6" cal	Oak				X		
50	1" cal	Buckhorn	Invasive	X				
51	9" cal	Oak	Good-4	X				
52	1" cal	Buckhorn	Invasive	X				
53	15" cal	Oak	Good-4	X				
54	6" cal	Oak	Fair-3	X				
55	4" cal	Oak	Good-4	X				
56	3" cal	Buckhorn	Invasive	X				
57	3" cal	Buckhorn	Invasive	X				
58	3" cal	Elm	Fair-3			X		
59	8" cal	Elm	Good-4			X		
60	4" cal	Oak	Good-4	X				
61	25" cal	Oak				X		
62	6" cal	Oak				X		
63	14" cal	Oak				X		
64	11" cal	Oak				X		
65	12" cal	Oak	Fair-3			X		
66	2" cal	Oak	Good-4	X				
67	2" cal	Oak	Good-4	X				
68	25" cal	Oak	Good-4	X				
69	8" cal	Oak						
70	9" cal	Oak	Good-4	X				
71	5" cal	Oak	Good-4	X				
72	6" cal	Ash	Good-4			X		
73	4" cal	Hickory	Good-4			X		
74	2" cal	Oak	Good-4			X		
75	9" cal	Oak	Good-4			X		
76	4" cal	Hickory	Good-4			X		
77	6" cal	Dead Tree	Dead	X				
78	3" cal	Dead Tree	Dead	X				
79	7" cal	Oak						

Tree Code	Size	Species	Condition	Remove	Root Prune	Tree Trunk Protection	Tree Pruning	Notes
80	4" cal	Oak						
81	6" cal	Ash	Fair-3	X				
82	12" cal	Cherry	Poor-2	X				
83	28" cal	Oak	Good-5			X		
84	10" cal					X		
85	4" cal				X			
86	3" cal				X			
87	12" cal	Maple	Poor-2	X				
88	12" cal	Ash	Fair-3	X				
89	8" cal	Dead Tree	Dead	X				
90	12" cal			X				

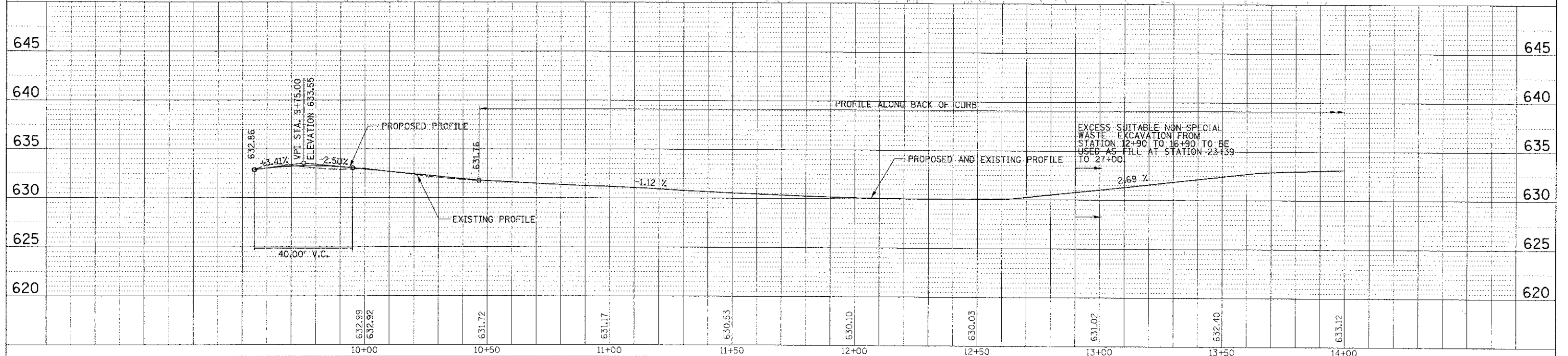
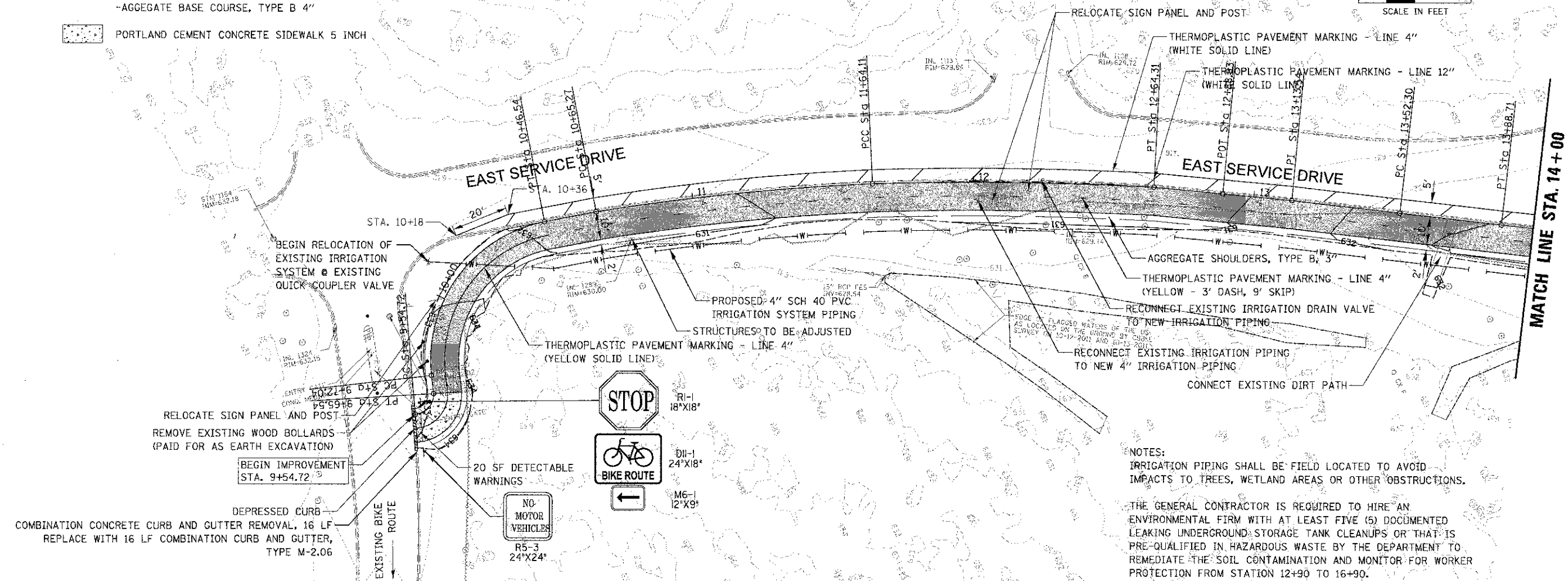
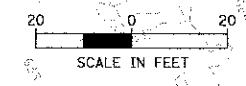


**LEGEND:**

-  HMA MULTI-USE PATH
  - 3" HMA SURFACE COURSE, MIX "D", N50
  - AGGREGATE BASE COURSE, TYPE B 8"
-  HMA PAVING
  - 2" HMA SURFACE COURSE, MIX "D", N50
  - HMA BASE COURSE, 6"
  - AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

PLAN  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]  
 NO. OF SHEETS: [Count]  
 SHEET NO.: [Number]

PROFILE  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]  
 NO. OF SHEETS: [Count]  
 SHEET NO.: [Number]

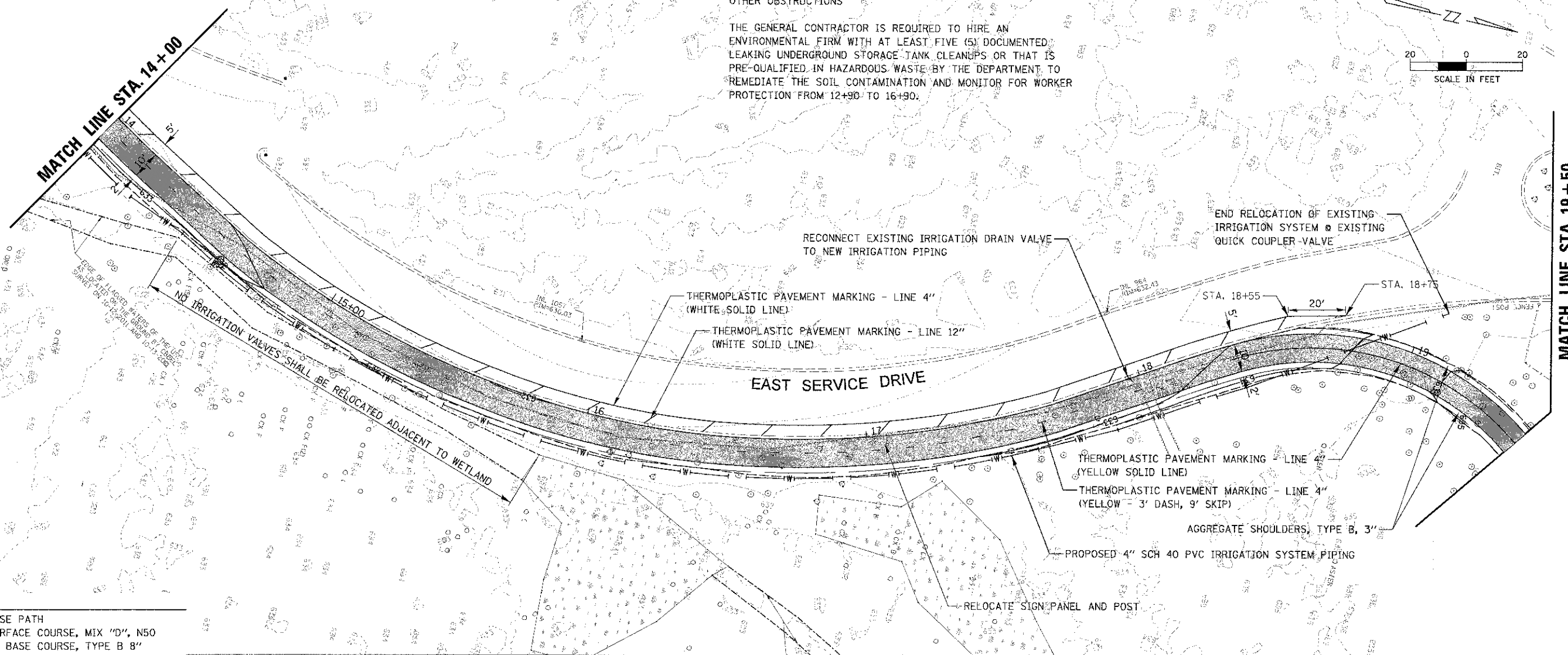
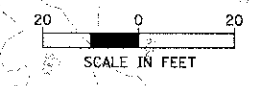


 9675 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0600	DESIGNED - MBT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAKE COOK ROADNORTH BRANCH BICYCLE TRAIL EXTENSION PROPOSED PLAN AND PROFILE	F.A.L. RTE. 3726 10-F3000-22-BT	COUNTY COOK/LAKE TOTAL SHEETS 89 SHEET NO. 18
	DRAWN - PWN	REVISED -				
	CHECKED - MEK	REVISED -				
	DATE - 4/11/13	REVISED -				
USER NAME: [Name] PLOT SCALE: 20' PLOT DATE: 4/11/2013	SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63781 ILLINOIS FED. AID PROJECT			

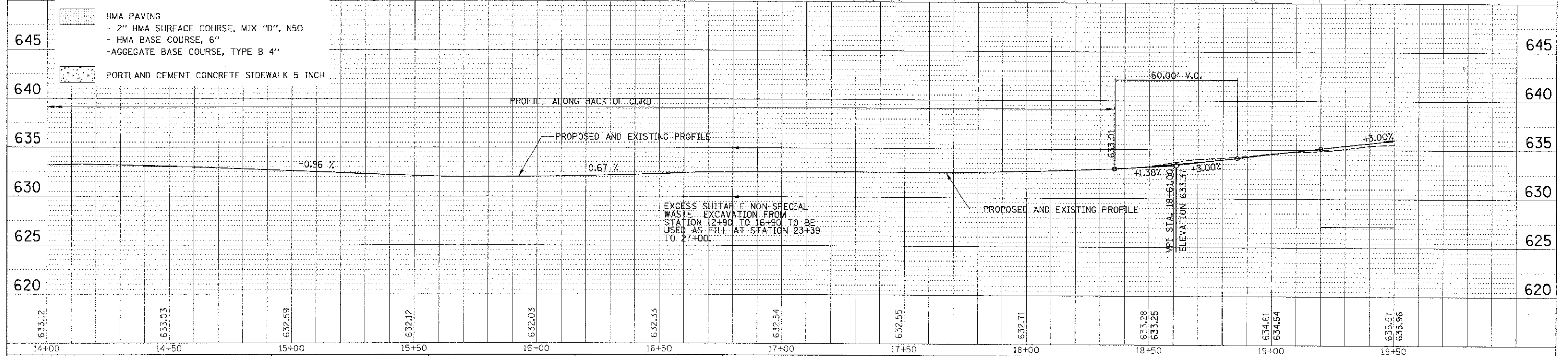
DATE	
BY	
PROJECT	
PLANNED	
NOTED	
BY	
DATE	

DATE	
BY	
PROJECT	
PLANNED	
NOTED	
BY	
DATE	

NOTES:  
 IRRIGATION PIPING SHALL BE FIELD LOCATED TO AVOID IMPACTS TO TREES, WETLAND AREAS OR OTHER OBSTRUCTIONS  
 THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION FROM 12+90 TO 16+90.



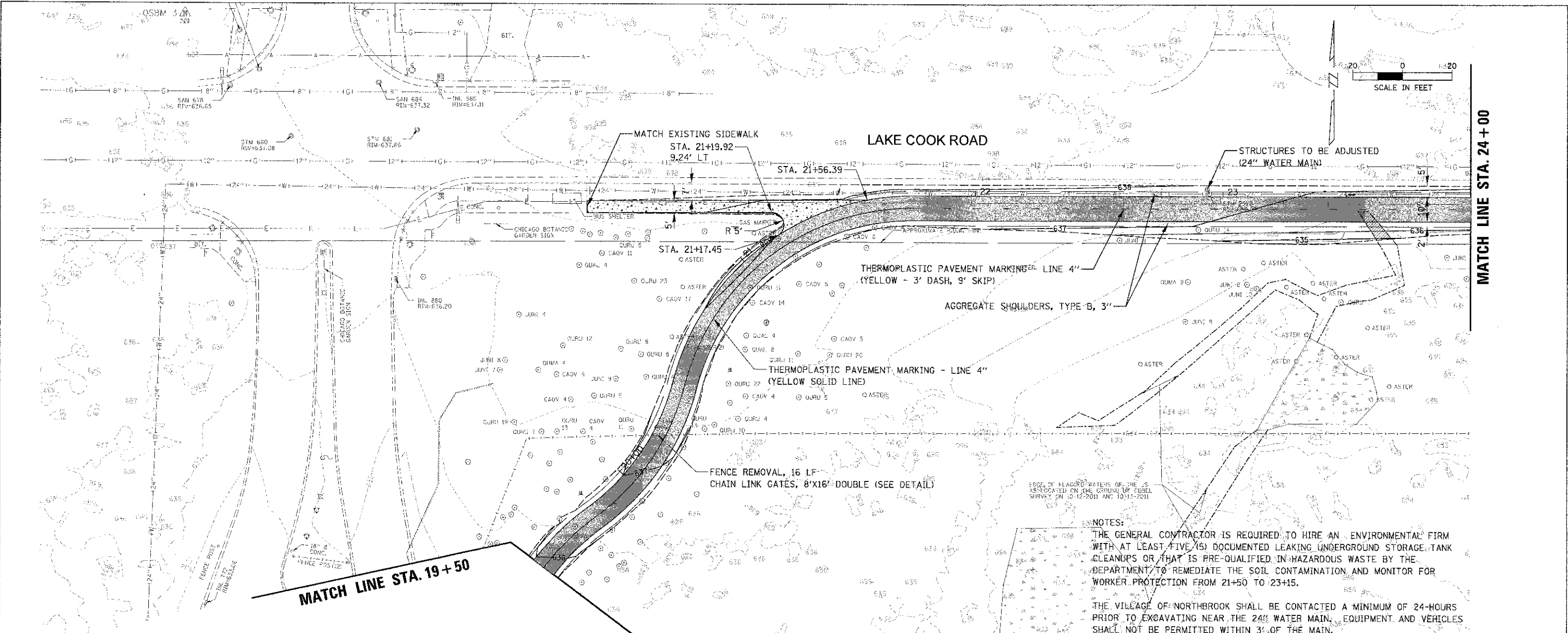
- LEGEND:**
- HMA MULTI-USE PATH
    - 3" HMA SURFACE COURSE, MIX "D", N50
    - AGGREGATE BASE COURSE, TYPE B 8"
  - HMA PAVING
    - 2" HMA SURFACE COURSE, MIX "D", N50
    - HMA BASE COURSE, 6"
    - AGGREGATE BASE COURSE, TYPE B 4"
  - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



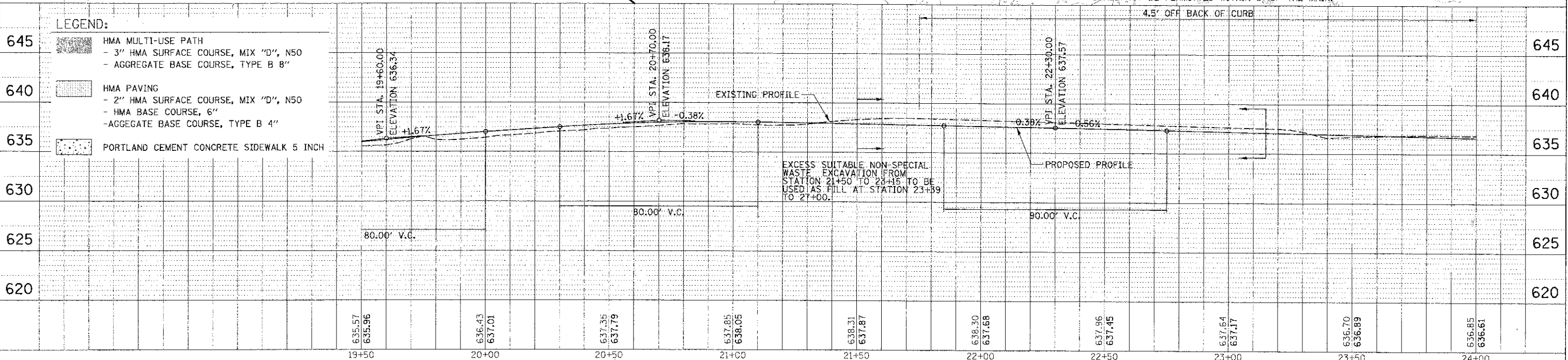
9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROADWORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED PLAN AND PROFILE</b>	COUNTY TOTAL SHEETS SHEET NO. COOK/LAKE 89 19 CONTRACT NO. 63781
	DRAWN - PWN	REVISED -			
	CHECKED - MEK	REVISED -			
DATE - 4/11/13	REVISED -	SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

PLAN  
 DATE: 4/11/13  
 DRAWN: PWN  
 CHECKED: MEK  
 DESIGNED: MBT  
 PROJECT: LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
 SHEET: 20 OF 20  
 CONTRACT: 63781

PROFILE  
 DATE: 4/11/13  
 DRAWN: PWN  
 CHECKED: MEK  
 DESIGNED: MBT  
 PROJECT: LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
 SHEET: 20 OF 20  
 CONTRACT: 63781



NOTES:  
 THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION FROM 21+50 TO 23+15.  
 THE VILLAGE OF NORTHBROOK SHALL BE CONTACTED A MINIMUM OF 24-HOURS PRIOR TO EXCAVATING NEAR THE 24\"/>



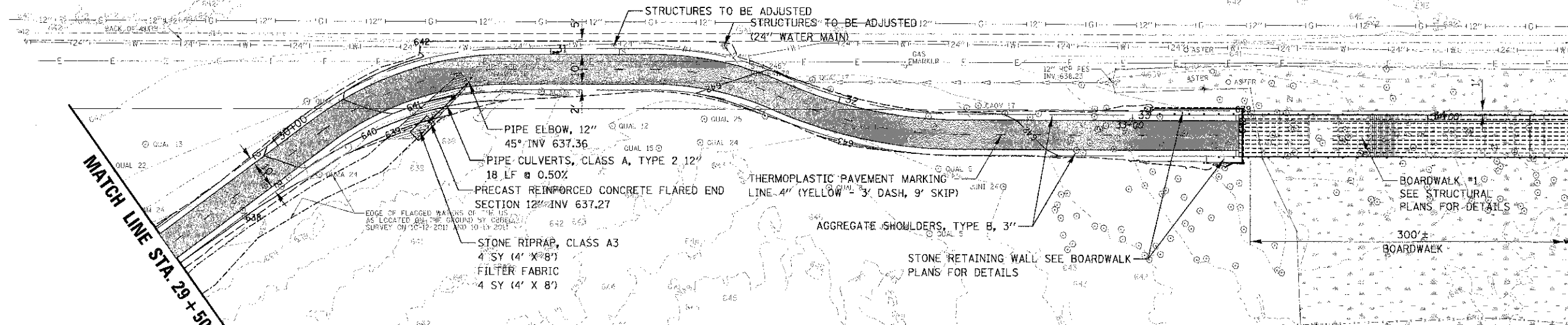
8575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 828-0600 <b>ALUMINUM</b>	DESIGNER: MBT DRAWN: PWN CHECKED: MEK DATE: 4/11/13	REVISIONS: REVISION NO.   DESCRIPTION 1   2   3	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.U. RATE: 3726 COUNTY: COOK/LAKE SHEETS: 89 TOTAL SHEETS: 20 CONTRACT NO. 63781
	SCALE: 1" = 20' SHEET NO. 20 OF 20 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			



DATE	
BY	
REVISION	
NO. 1	DATE
NO. 2	DATE
NO. 3	DATE
NO. 4	DATE
NO. 5	DATE
NO. 6	DATE
NO. 7	DATE
NO. 8	DATE
NO. 9	DATE
NO. 10	DATE

DATE	
BY	
REVISION	
NO. 1	DATE
NO. 2	DATE
NO. 3	DATE
NO. 4	DATE
NO. 5	DATE
NO. 6	DATE
NO. 7	DATE
NO. 8	DATE
NO. 9	DATE
NO. 10	DATE

LAKE COOK ROAD

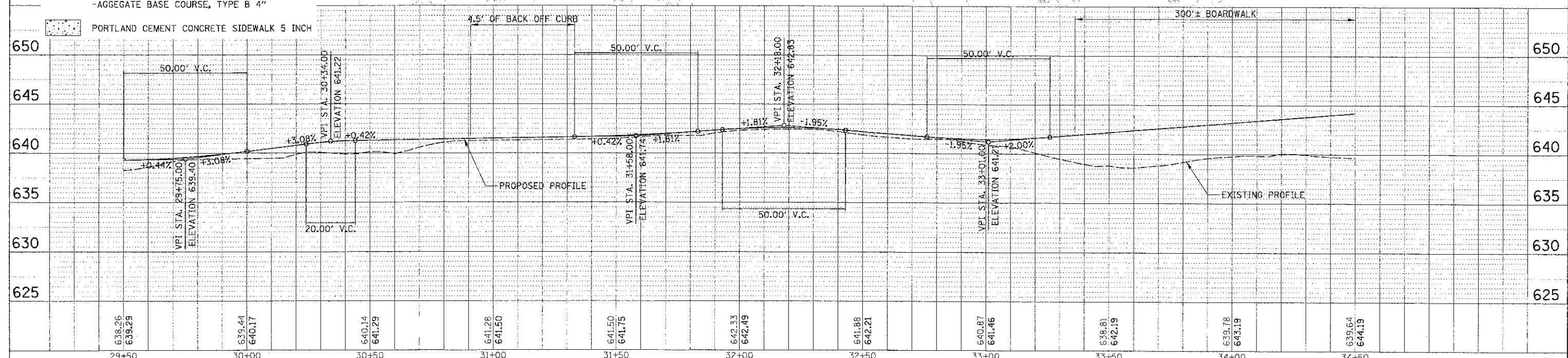
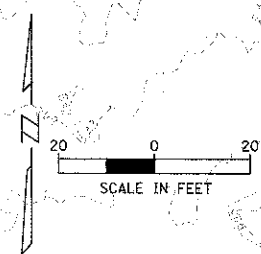


MATCH LINE STA. 29+50

MATCH LINE STA. 34+50

LEGEND:

- HMA MULTI-USE PATH
  - 3" HMA SURFACE COURSE, MIX "D", N50
  - AGGREGATE BASE COURSE, TYPE B 8"
- HMA PAVING
  - 2" HMA SURFACE COURSE, MIX "D", N50
  - HMA BASE COURSE, 6"
  - AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

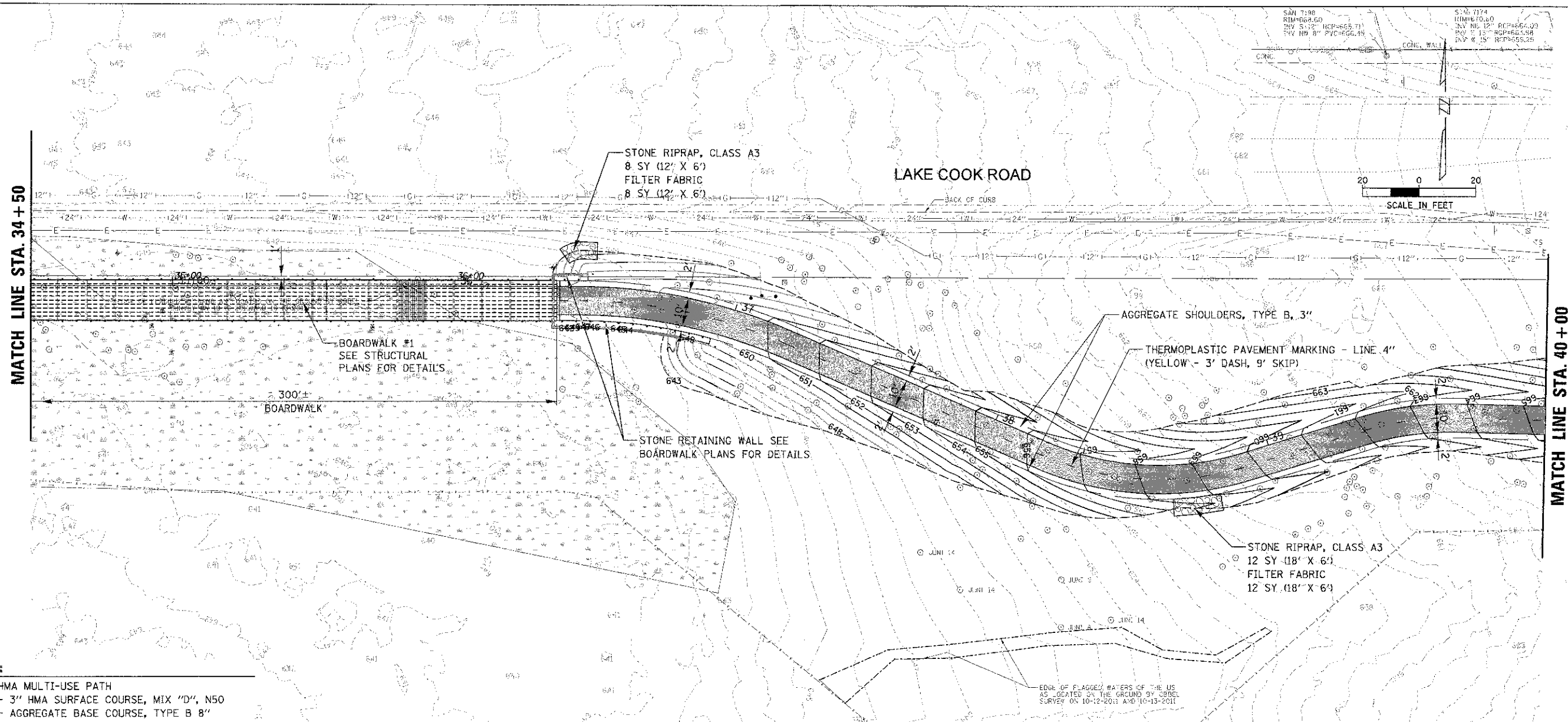


	USER NAME: [Name] DESIGNED: MBT DRAWN: PWN CHECKED: MEK DATE: 4/11/13	REVISED: [Blank] REVISED: [Blank] REVISED: [Blank] REVISED: [Blank]	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.U. NO.: 3726 COUNTY: COOK/LAKE CONTRACT NO.: 63781	
	PLOT SCALE: 1" = 20' PLOT DATE: 4/23/2013	SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.	TOTAL SHEET NO.: 22 CONTRACT NO.: 63781	ILLINOIS FED. AID PROJECT		

FILE NAME: 905\_110459\_05\_511

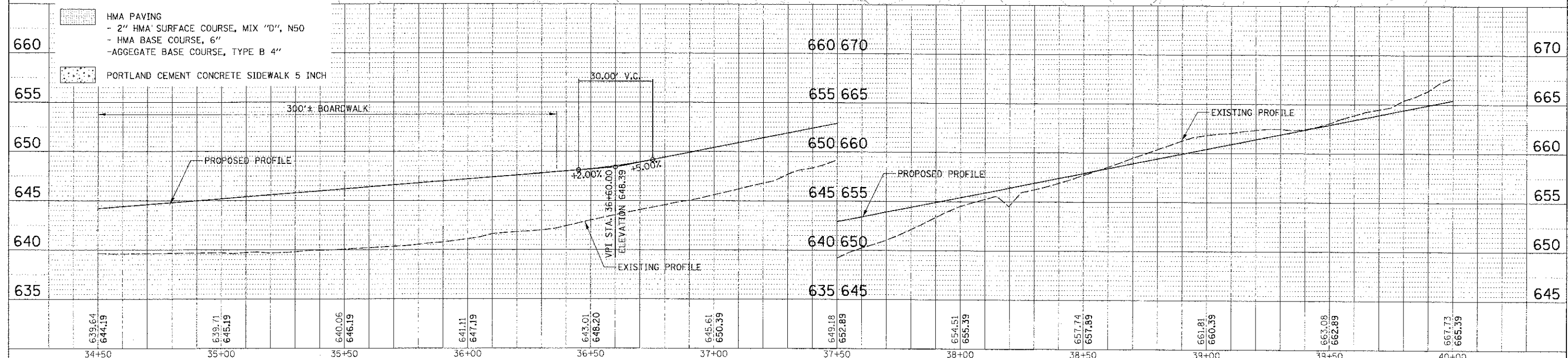
PLAN	DATE
REVISED	BY
NOTED	DATE
ALTERNATE	NO.
NO. 1 BOOK	NO. 2 BOOK
NO. 3 BOOK	NO. 4 BOOK
NO. 5 BOOK	NO. 6 BOOK
NO. 7 BOOK	NO. 8 BOOK
NO. 9 BOOK	NO. 10 BOOK
NO. 11 BOOK	NO. 12 BOOK
NO. 13 BOOK	NO. 14 BOOK
NO. 15 BOOK	NO. 16 BOOK
NO. 17 BOOK	NO. 18 BOOK
NO. 19 BOOK	NO. 20 BOOK

PROFILE	DATE
REVISED	BY
NOTED	DATE
ALTERNATE	NO.
NO. 1 BOOK	NO. 2 BOOK
NO. 3 BOOK	NO. 4 BOOK
NO. 5 BOOK	NO. 6 BOOK
NO. 7 BOOK	NO. 8 BOOK
NO. 9 BOOK	NO. 10 BOOK
NO. 11 BOOK	NO. 12 BOOK
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NO. 15 BOOK	NO. 16 BOOK
NO. 17 BOOK	NO. 18 BOOK
NO. 19 BOOK	NO. 20 BOOK



**LEGEND:**

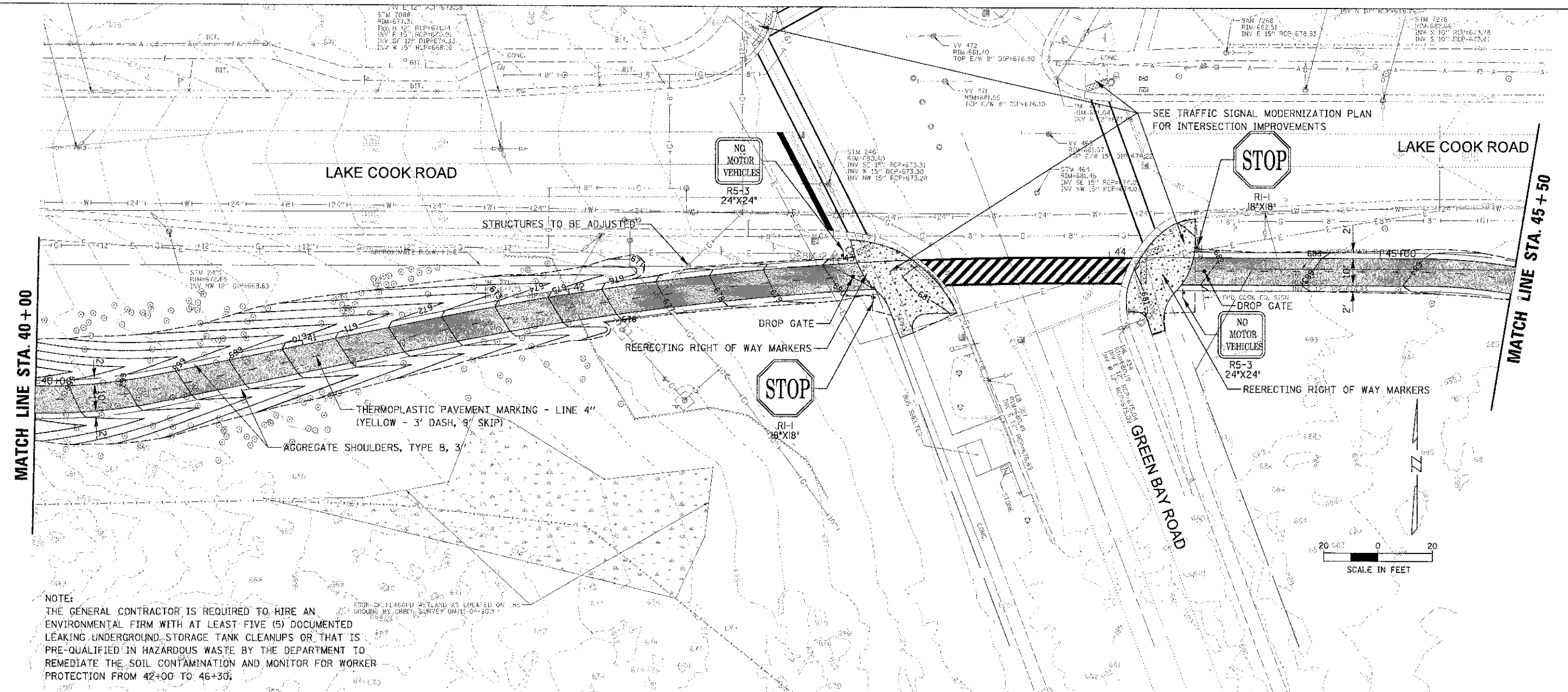
- HMA MULTI-USE PATH
  - 3" HMA SURFACE COURSE, MIX "D", N50
  - AGGREGATE BASE COURSE, TYPE B 8"
- HMA PAVING
  - 2" HMA SURFACE COURSE, MIX "D", N50
  - HMA BASE COURSE, 6"
  - AGGREGATE BASE COURSE, TYPE B 4"
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 828-0500		USER NAME: jthomas	DESIGNED: MBT	REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.D. R.T.E.:	COUNTY:	TOTAL SHEET NO.:
		PLOT SCALE: 2"	CHECKED: MEK	REVISED: -			3726	10-F3000-22-BT	COOK/LAKE
FILE NAME: I:\P\110459_06.dwg		PLOT DATE: 4/11/13	DATE: 4/11/13	REVISED: -	SCALE: 1" = 20'	SHEET NO. OF SHEETS: STA. TO STA.	CONTRACT NO. 63781		

PLAN	DATE
DATE	DATE
NO.	NO.
NO.	NO.
NO.	NO.
NO.	NO.

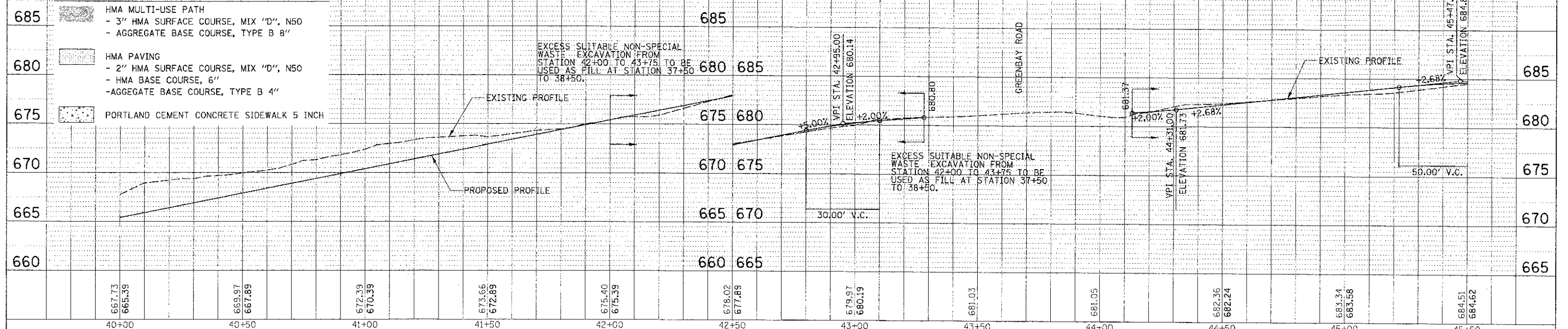
PROFILE	DATE
DATE	DATE
NO.	NO.
NO.	NO.
NO.	NO.
NO.	NO.



**NOTE:**  
 THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION FROM 42+00 TO 46+30.



**LEGEND:**

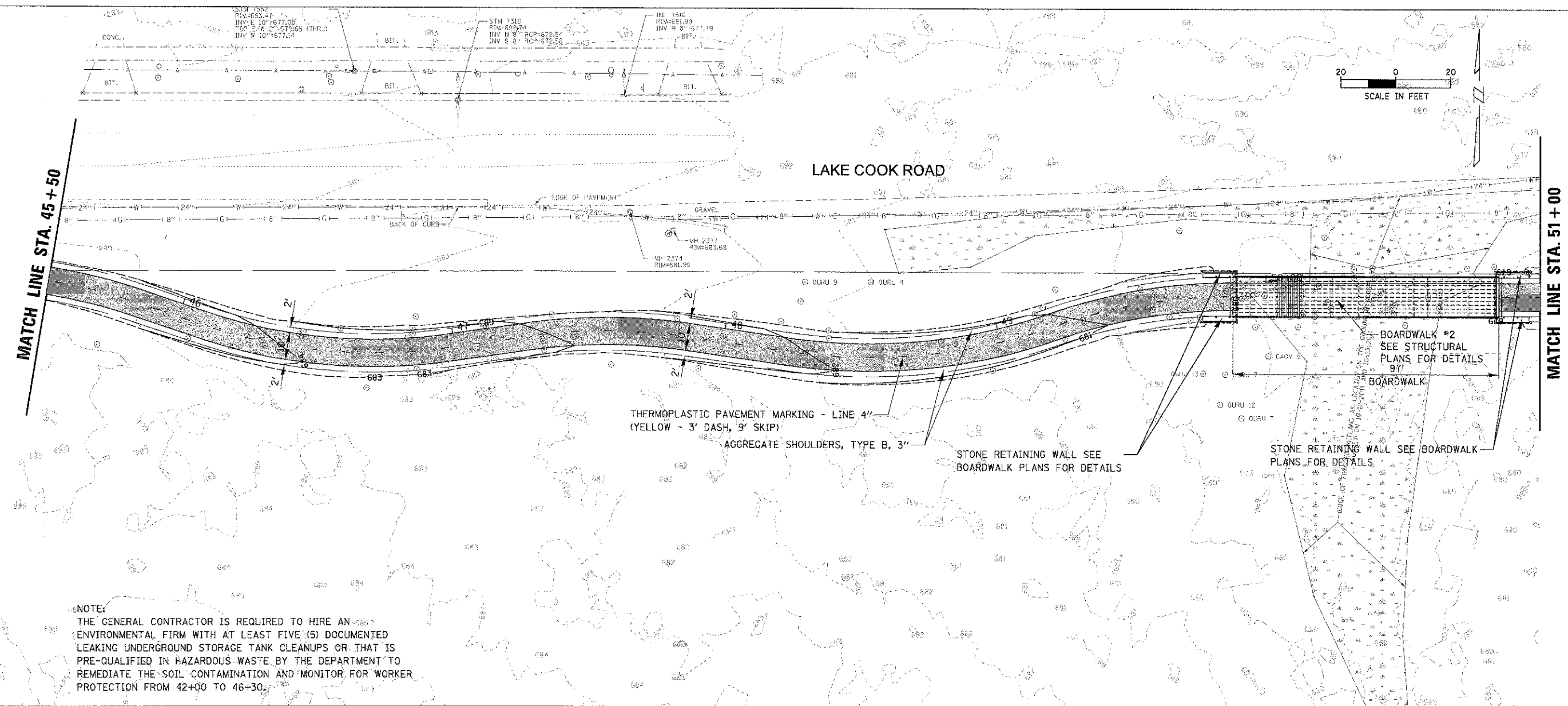


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40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00	45+50										



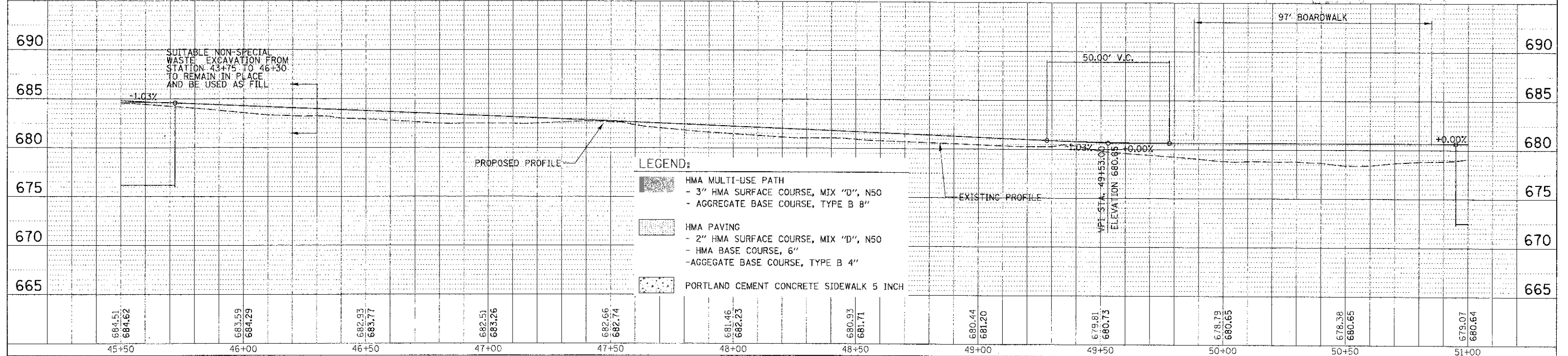
PLAN	DATE
REVISED	BY
NOTED	BY
BY	DATE

PROJECT	DATE
NO.	BY
NO.	BY
NO.	BY



NOTE:  
THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION FROM 42+00 TO 46+30.

SUITABLE NON-SPECIAL WASTE EXCAVATION FROM STATION 43+75 TO 46+30 TO REMAIN IN PLACE AND BE USED AS FILL



- LEGEND:
- HMA MULTI-USE PATH
    - 3" HMA SURFACE COURSE, MIX "D", N50
    - AGGREGATE BASE COURSE, TYPE B 8"
  - HMA PAVING
    - 2" HMA SURFACE COURSE, MIX "D", N50
    - HMA BASE COURSE, 6"
    - AGGREGATE BASE COURSE, TYPE B 4"
  - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500		USER NAME: mthomas	DESIGNED: MBT	REVISED:	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED PLAN AND PROFILE</b>	F.A.U. RTE. 3726	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 25
		PROJECT SCALE: 2"=100' PLOT DATE: 4/11/2013	DRAWN: PWN CHECKED: MEK DATE: 4/11/13	REVISED:			SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.	10-P3000-22-B7 CONTRACT NO. 63781 ILLINOIS FED. AID PROJECT		

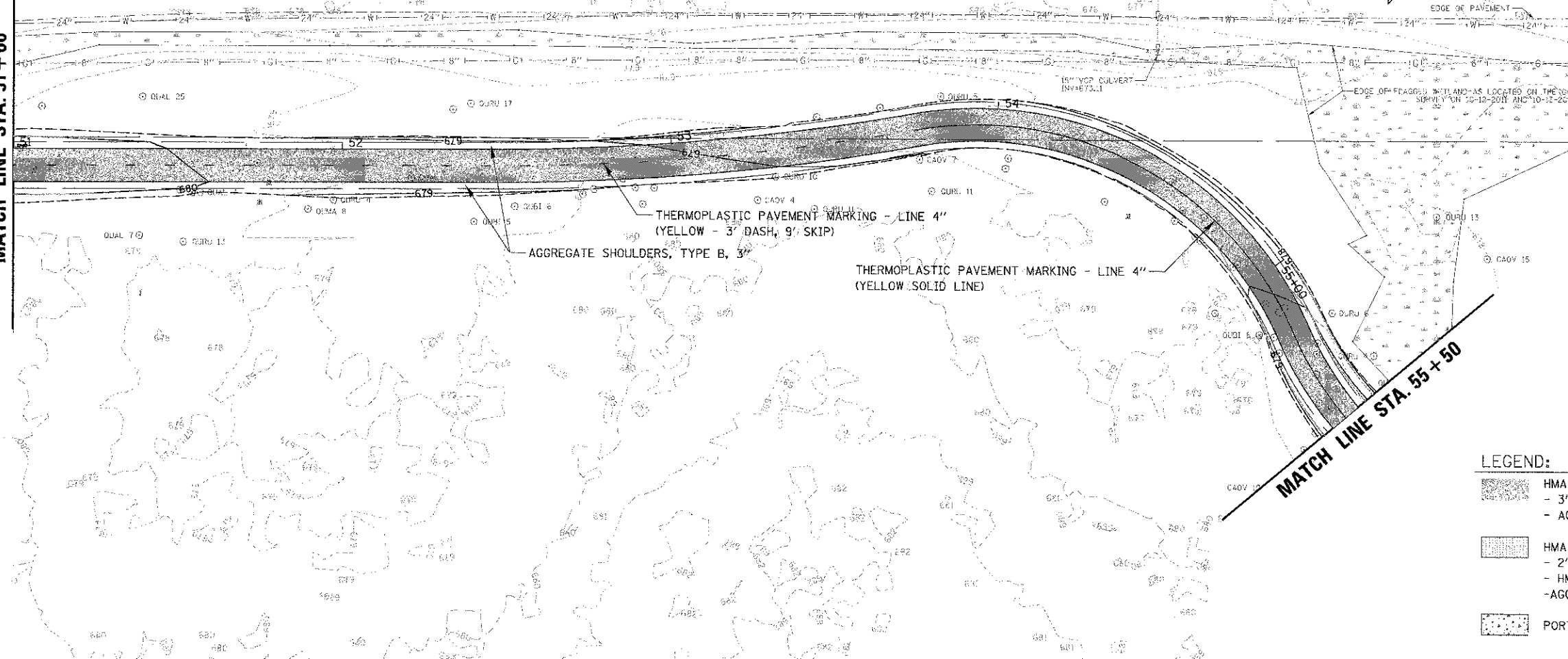
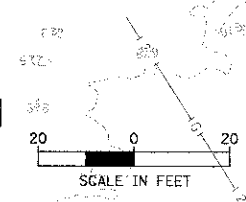
FILE NAME: RPP\_112459\_00.SHP

DATE	6/1/13
BY	MBT
CHECKED	PWN
DESIGNED	MBT
PROJECT NO.	10459-C9-SH
PROJECT NAME	LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION
SHEET NO.	89
TOTAL SHEETS	26

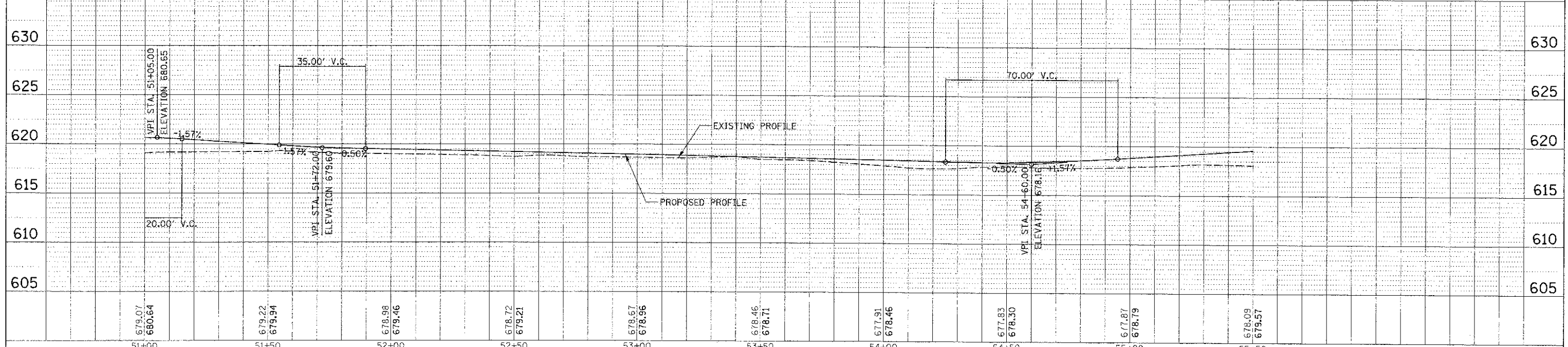
DATE	6/1/13
BY	MBT
CHECKED	PWN
DESIGNED	MBT
PROJECT NO.	10459-C9-SH
PROJECT NAME	LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION
SHEET NO.	89
TOTAL SHEETS	26

MATCH LINE STA. 51+00

LAKE COOK ROAD

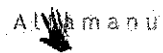


- LEGEND:**
- HMA MULTI-USE PATH
    - 3" HMA SURFACE COURSE, MIX "D", N50
    - AGGREGATE BASE COURSE, TYPE B 8"
  - HMA PAVING
    - 2" HMA SURFACE COURSE, MIX "D", N50
    - HMA BASE COURSE, 6"
    - AGGREGATE BASE COURSE, TYPE B 4"
  - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



679.07 660.64	679.22 679.94	678.98 679.46	678.72 679.21	678.67 678.96	678.46 678.71	677.91 678.46	677.83 678.30	677.87 678.79	678.09 679.57
51+00	51+50	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50

9575 W Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500






DESIGNED	MBT	REVISED	
DRAWN	PWN	REVISED	
CHECKED	MEK	REVISED	
DATE	4/11/13	REVISED	

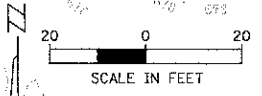
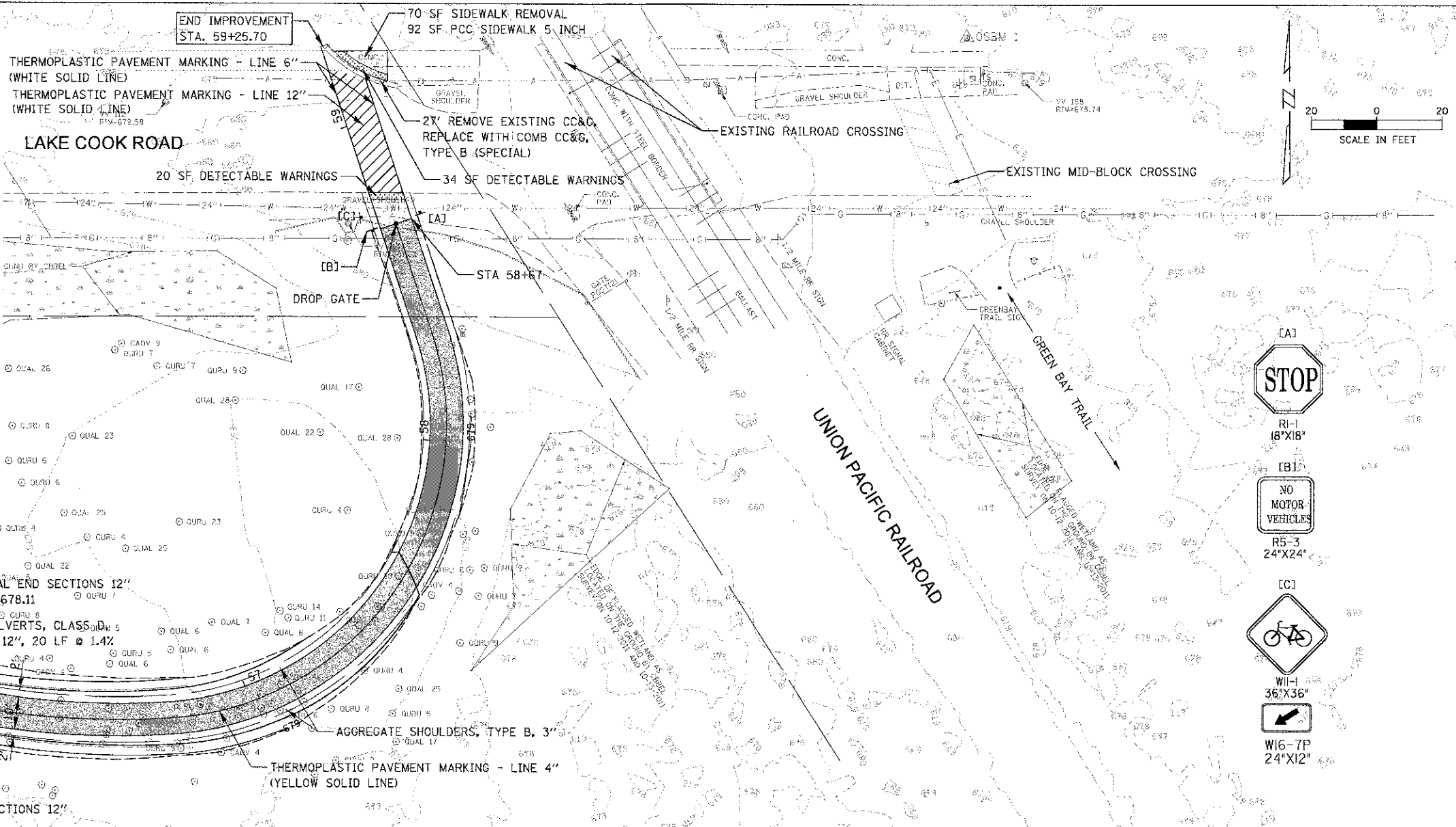
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION





LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
PROPOSED PLAN AND PROFILE

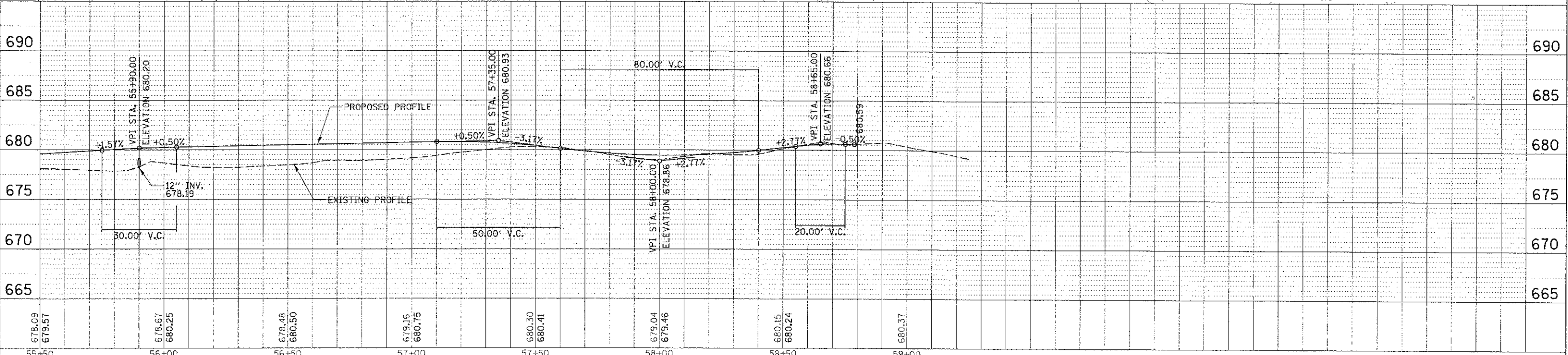
F.A.U. RTE.	COUNTY	TOTAL SHEETS
3726	COOK/LAKE	89 26
SCALE: 1" = 20'		CONTRACT NO. 63781

**LEGEND:**

-  HMA MULTI-USE PATH
  - 3" HMA SURFACE COURSE, MIX "D", N50
  - AGGREGATE BASE COURSE, TYPE B 8"
-  HMA PAVING
  - 2" HMA SURFACE COURSE, MIX "D", N50
  - HMA BASE COURSE, 6"
  - AGGREGATE BASE COURSE, TYPE B 4"
-  PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



- LA1  STOP  
RI-1  
18"X18"
- EB1  NO MOTOR VEHICLES  
R5-3  
24"X24"
- LC1  BIKE  
W11-1  
36"X36"
-  W16-7P  
24"X12"



DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
NOTED	
PROJECT	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
DRAWN	
NOTED	
PROJECT	
NO.	

**CB** 9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

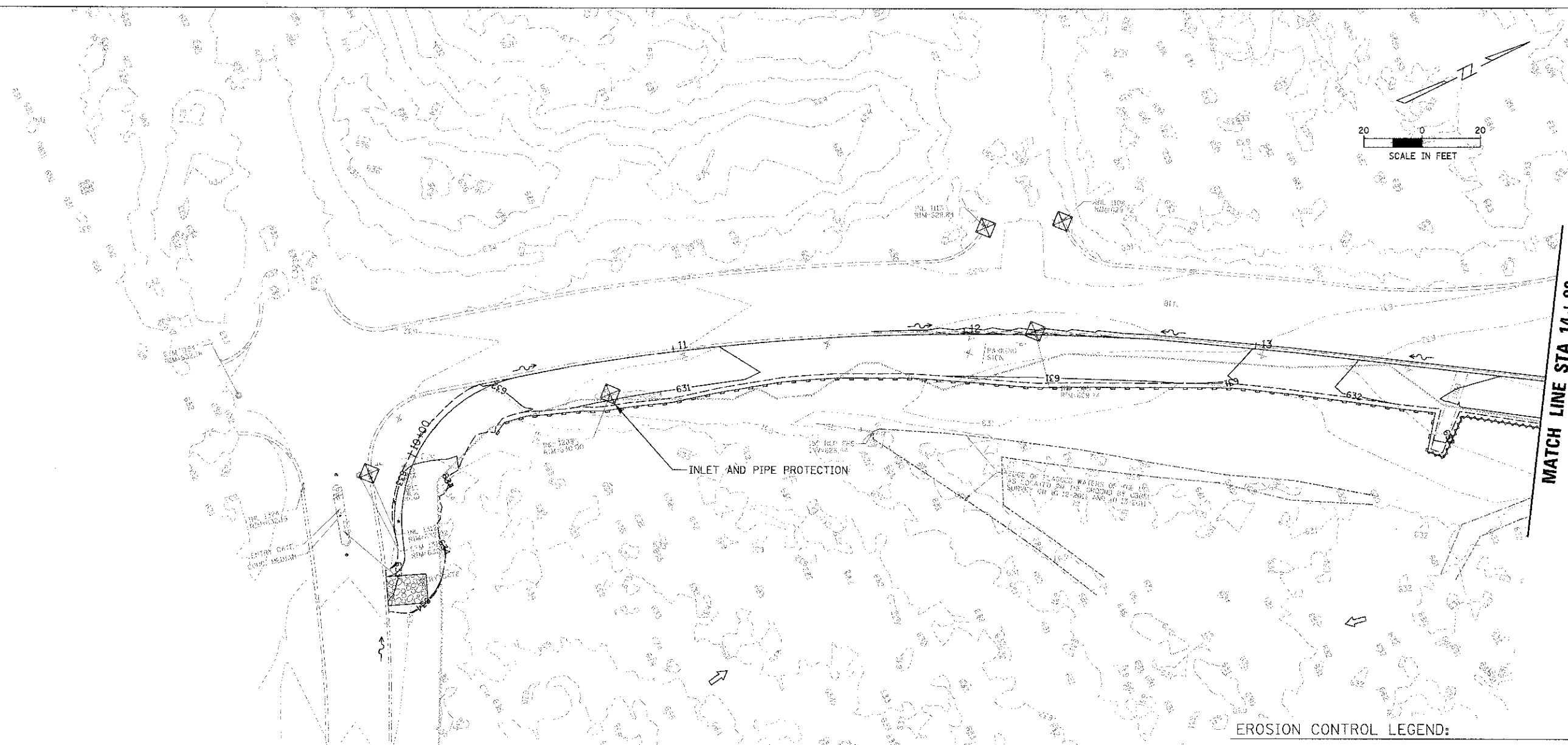
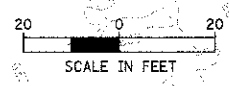
**Atmanu**

DESIGNED - MBT	REVISED -
DRAWN - PRN	REVISED -
CHECKED - MEK	REVISED -
DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**













**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**PROPOSED PLAN AND PROFILE**

F.A.U. RTE. 3726	COUNTY COOK/LAKE	TOTAL SHEETS 27	SHEET NO. 27
CONTRACT NO. 63781		ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 14+00

**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

**CB** 9675 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**Atmanu**

USER NAME = a.thomas
PLLOT SCALE = 20'
PLLOT DATE = 4/11/2013

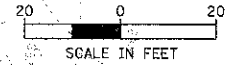
DESIGNED - MWJ	REVISED
DRAWN - PJH	REVISED
CHECKED - MWJ	REVISED
DATE - 4/11/13	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b>			
<b>SOIL EROSION &amp; SEDIMENT CONTROL PLANS</b>			
SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RITE: ST26	SECTION: 10-F3000-22-B7	COUNTY: COOK/LAKE	TOTAL SHEETS: 89	SHEET NO.: 26
ILLINOIS FED. AID PROJECT				CONTRACT NO. 63781













MATCH LINE STA. 14+00



MATCH LINE STA. 19+50

INSTALL PERIMETER EROSION BARRIER OUTSIDE OF UNVEGETATED WATERS BOUNDARY

**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

**CB**  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0600



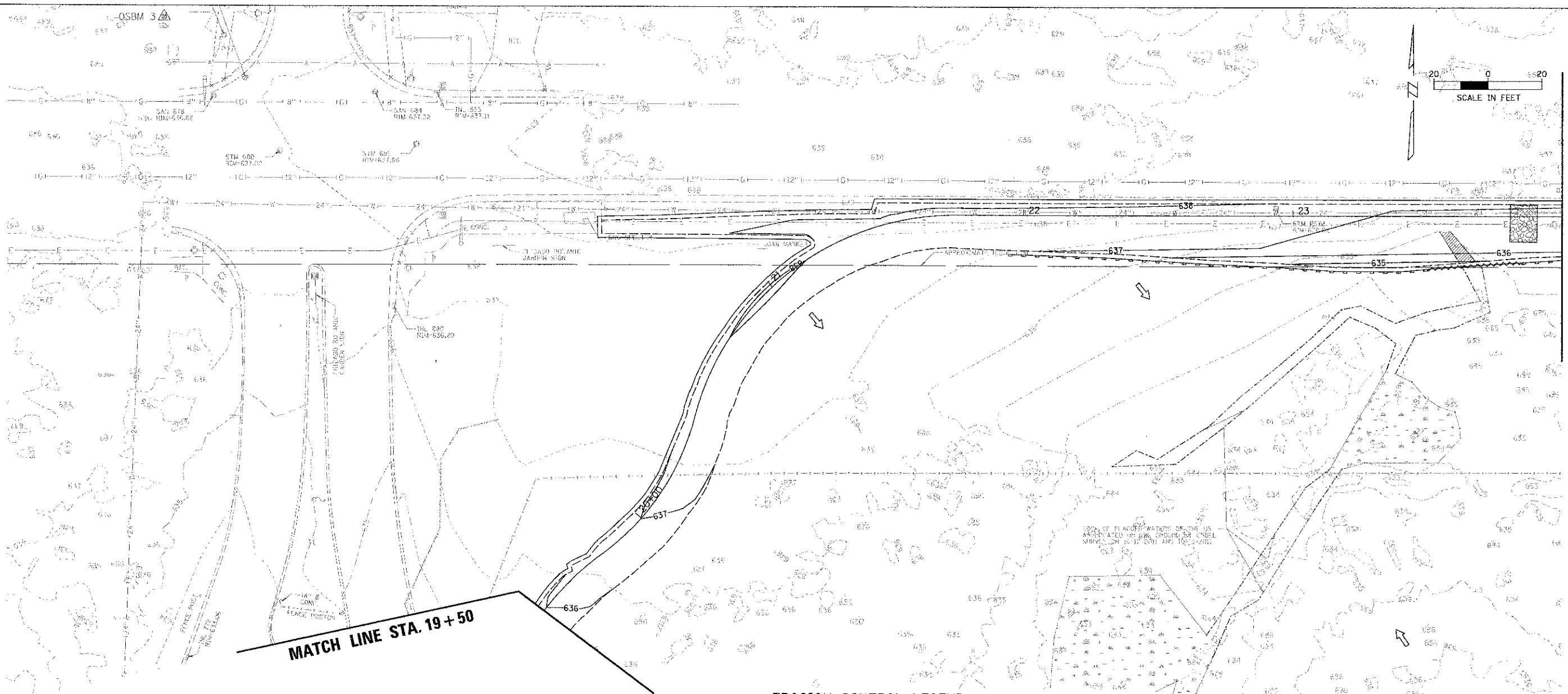
USER NAME = mthomas  
PLOT SCALE = 20'  
PLOT DATE = 4/11/2013

DESIGNED - MWJ	REVISED -
DRAWN - PJH	REVISED -
CHECKED - MWJ	REVISED -
DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
SOIL EROSION & SEDIMENT CONTROL PLANS**













F.A.U. R.I.E. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 29
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 24 + 00

MATCH LINE STA. 19 + 50

**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

**CB**  
5575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(647) 823-0500

**A** *manu*

USFP NAME = achomae	DESIGNED - MWJ	REVISED -
PLOT SCALE = 28'	DRAWN - PJH	REVISED -
PL OF DATE = 4/11/13	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

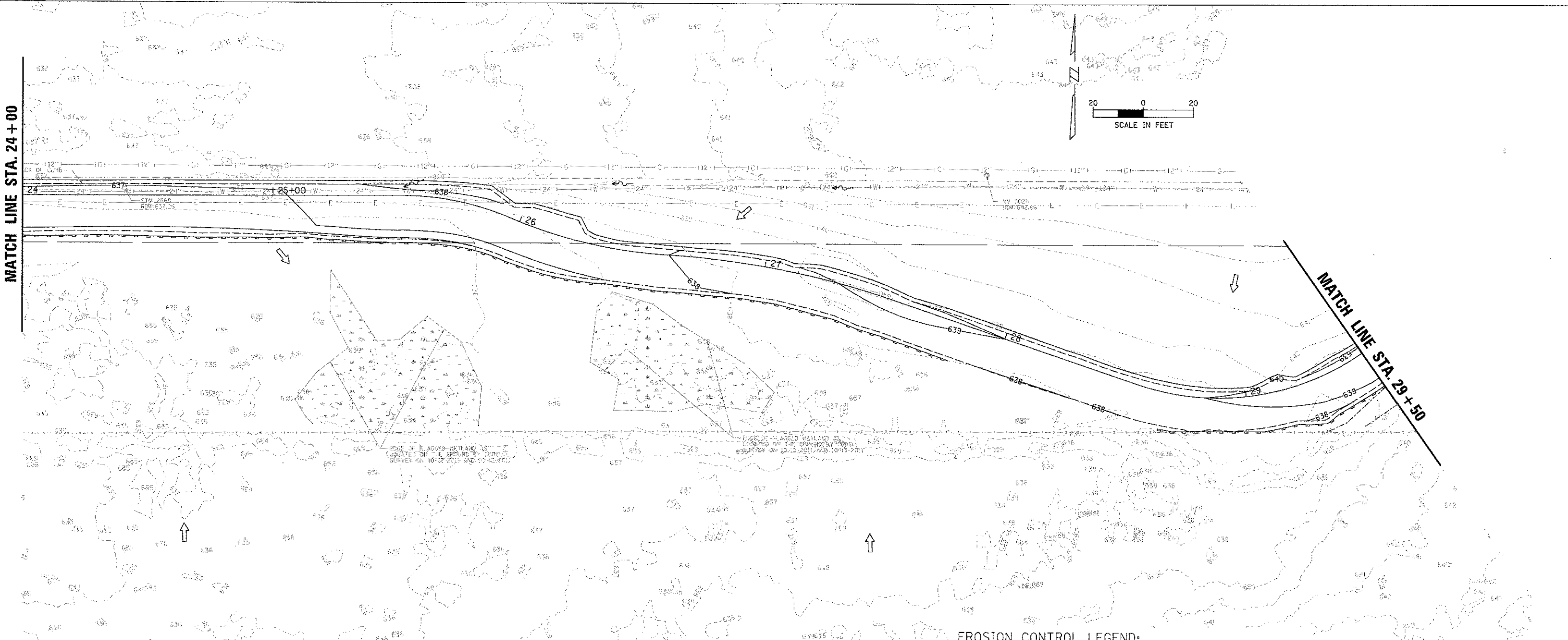
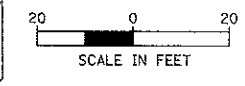
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
SOIL EROSION & SEDIMENT CONTROL PLANS**













F.A.J. RTE. 3726	SECTION 10-F3000-22-B7	COUNTY COOK/LAKE	TOTAL SHEET 89	SHEET NO. 30
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

MATCH LINE STA. 24+00



**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

**AWM** 6575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0800

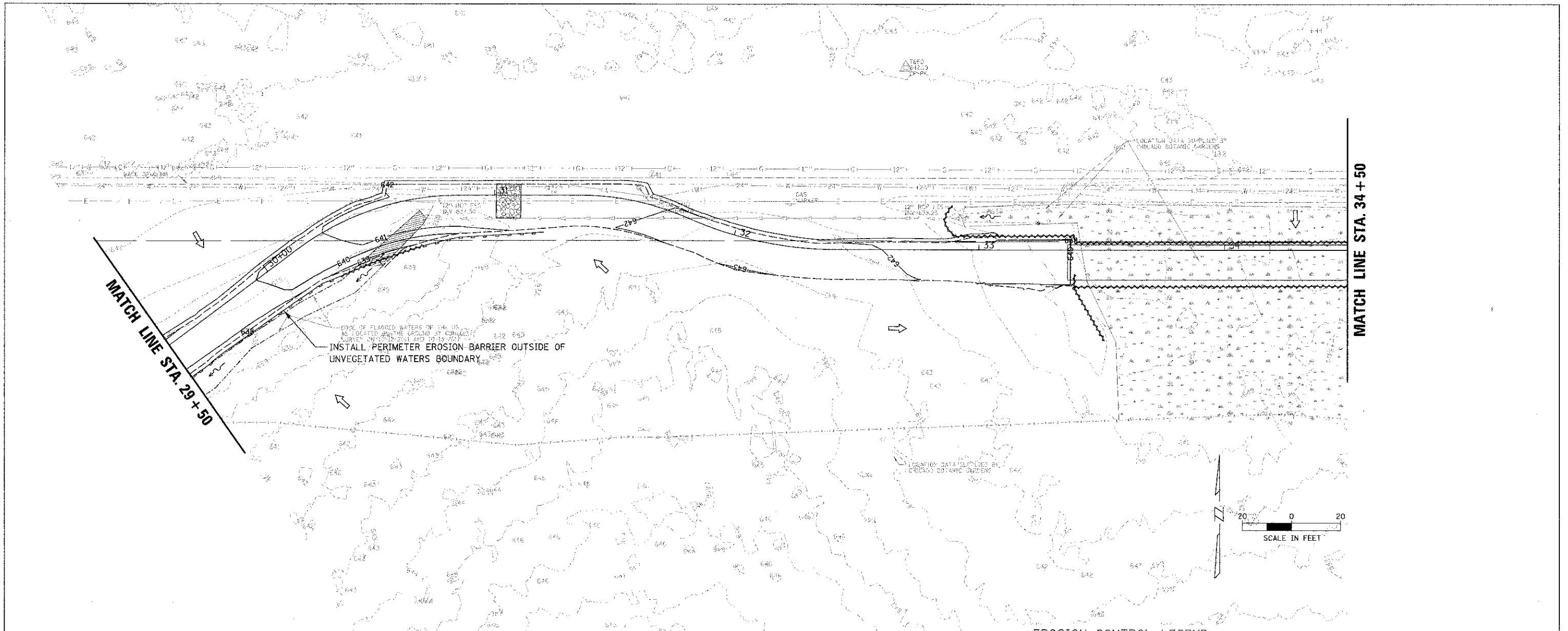
**A W M a n u**

USER NAME: mthomas	DESIGNED - MWJ	REVISED -
PLOT SCALE: 1" = 20'	DRAWN - PJH	REVISED -
PLOT DATE: 4/11/13	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**SOIL EROSION & SEDIMENT CONTROL PLANS**













F.A.U. R.T.E.: 3726	SECTION: 10-F3000-22-BT	COUNTY: COOK/LAKE	TOTAL SHEETS: 89	SHEET NO.: 31
CONTRACT NO. 63781				ILLINOIS FED. AID PROJECT




EDGE OF PLACED WATERS OF THIS IS AS LOCATED ON THE GROUND BY CONDUCTING SURVEY UNDER 2011 ESD 10-19-2012

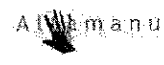
INSTALL PERIMETER EROSION BARRIER OUTSIDE OF UNVEGETATED WATERS BOUNDARY

**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500



USER NAME = mthomas	DESIGNED - MWJ	REVISED -
PLCT SCALE = 20'	DRAWN - PJH	REVISED -
PLCT DATE = 4/11/13	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**SOIL EROSION & SEDIMENT CONTROL PLANS**

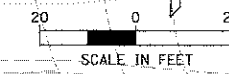
SCALE: 1" = 20'

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 32
				CONTRACT NO. 63781
ILLINOIS FED. AID PROJECT				



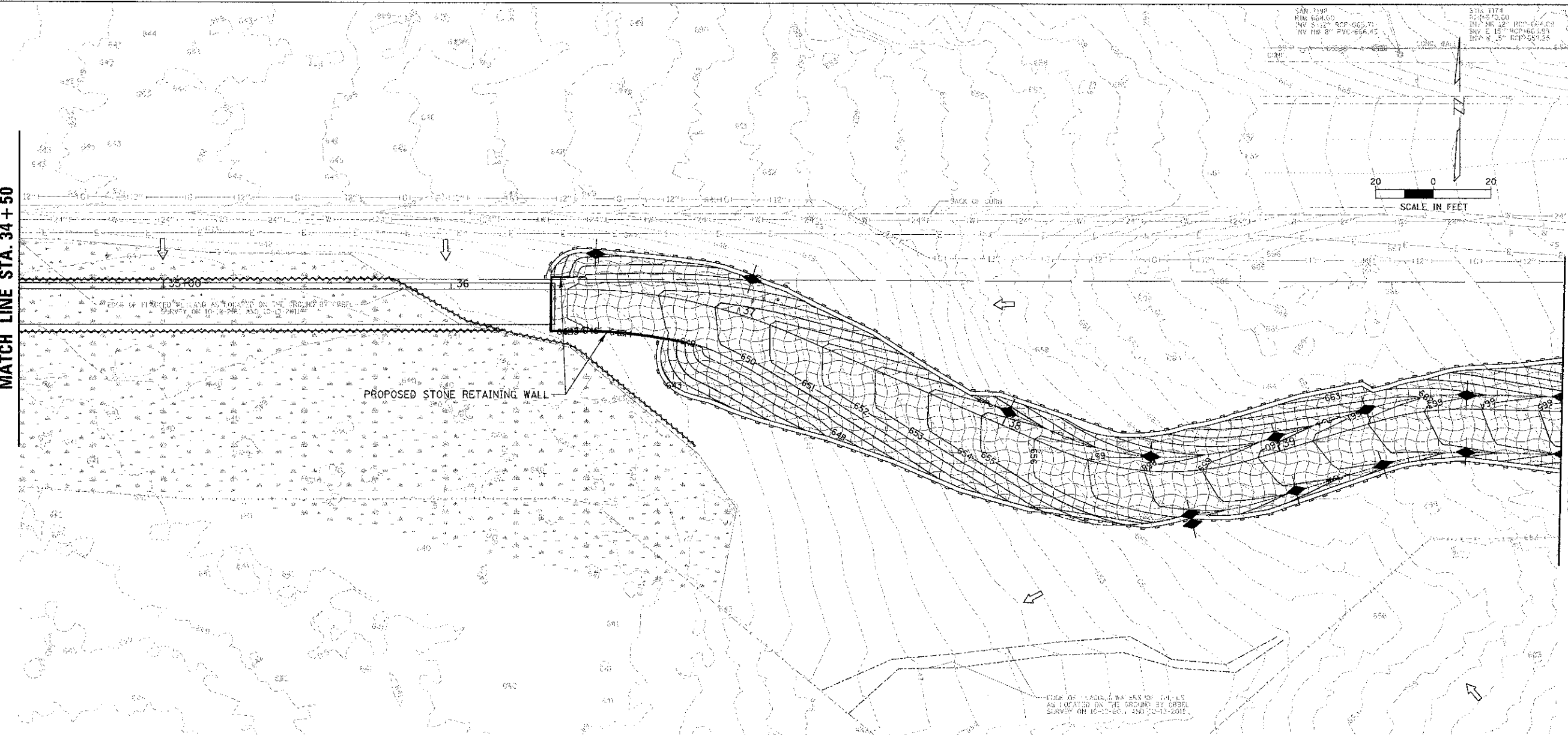
SAR 719P  
 RIM 658.00  
 NY 5.12" RCP-665.71  
 NY HW 8" PVC-664.41

STK 1174  
 5/25/10.00  
 BY: NK 12' RC: 01-4.00  
 BY: E 15/10/06.93  
 BY: A 5" RFP-06.25



MATCH LINE STA. 34 + 50

MATCH LINE STA. 40 + 00

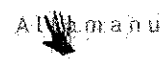


**EROSION CONTROL LEGEND:**

- STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
- PERIMETER EROSION BARRIER, SPECIAL
- MULCH, METHOD 3A
- TEMPORARY DITCH CHECKS (SPECIAL)
- PERIMETER EROSION BARRIER
- INLET FILTER
- UNVEGETATED WATERS
- WETLAND
- IMPACTED UNVEGETATED WATERS
- CONCENTRATED FLOW
- OVERLAND FLOW
- LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 623-0900

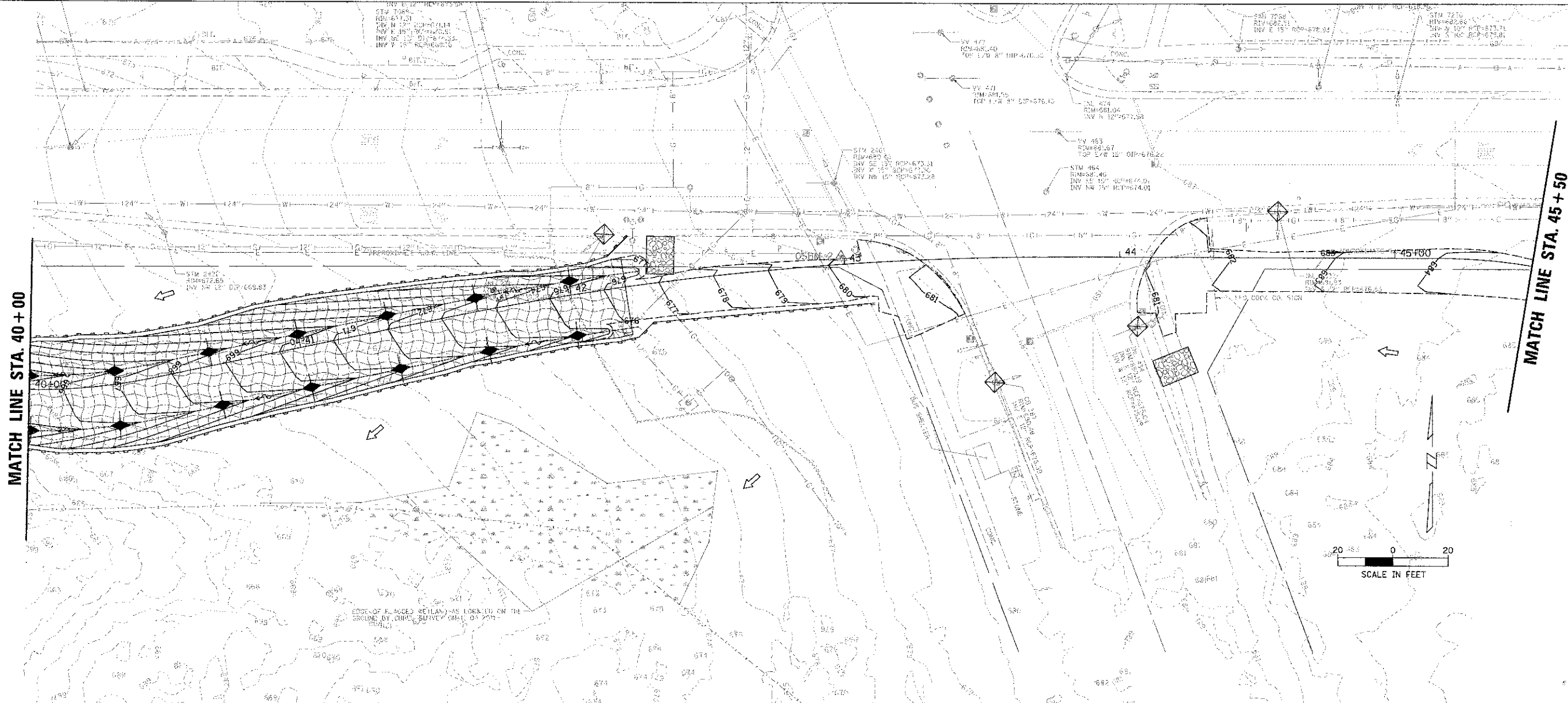


USER NAME: rjthomas	DESIGNED: MWJ	REVISED: -
	DRAWN: PJH	REVISED: -
PLOT SCALE: 1" = 20'	CHECKED: MWJ	REVISED: -
PLOT DATE: 4/11/13	DATE: 4/11/13	REVISED: -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
 SOIL EROSION & SEDIMENT CONTROL PLANS**

F.A.U. RTE. 3726	SECTION 10-F3000-22-B7	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 33
				CONTRACT NO. 63781



**EROSION CONTROL LEGEND:**

- STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
- PERIMETER EROSION BARRIER, SPECIAL
- MULCH, METHOD 3A
- TEMPORARY DITCH CHECKS (SPECIAL)
- PERIMETER EROSION BARRIER
- INLET FILTER
- UNVEGETATED WATERS
- WETLAND
- IMPACTED UNVEGETATED WATERS
- CONCENTRATED FLOW
- OVERLAND FLOW
- LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

USER NAME = mthorun	DESIGNED - MWJ	REVISED -
PLOT SCALE = 20'	DRAWN - PJH	REVISED -
PLOT DATE = 4/11/2013	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**SOIL EROSION & SEDIMENT CONTROL PLANS**

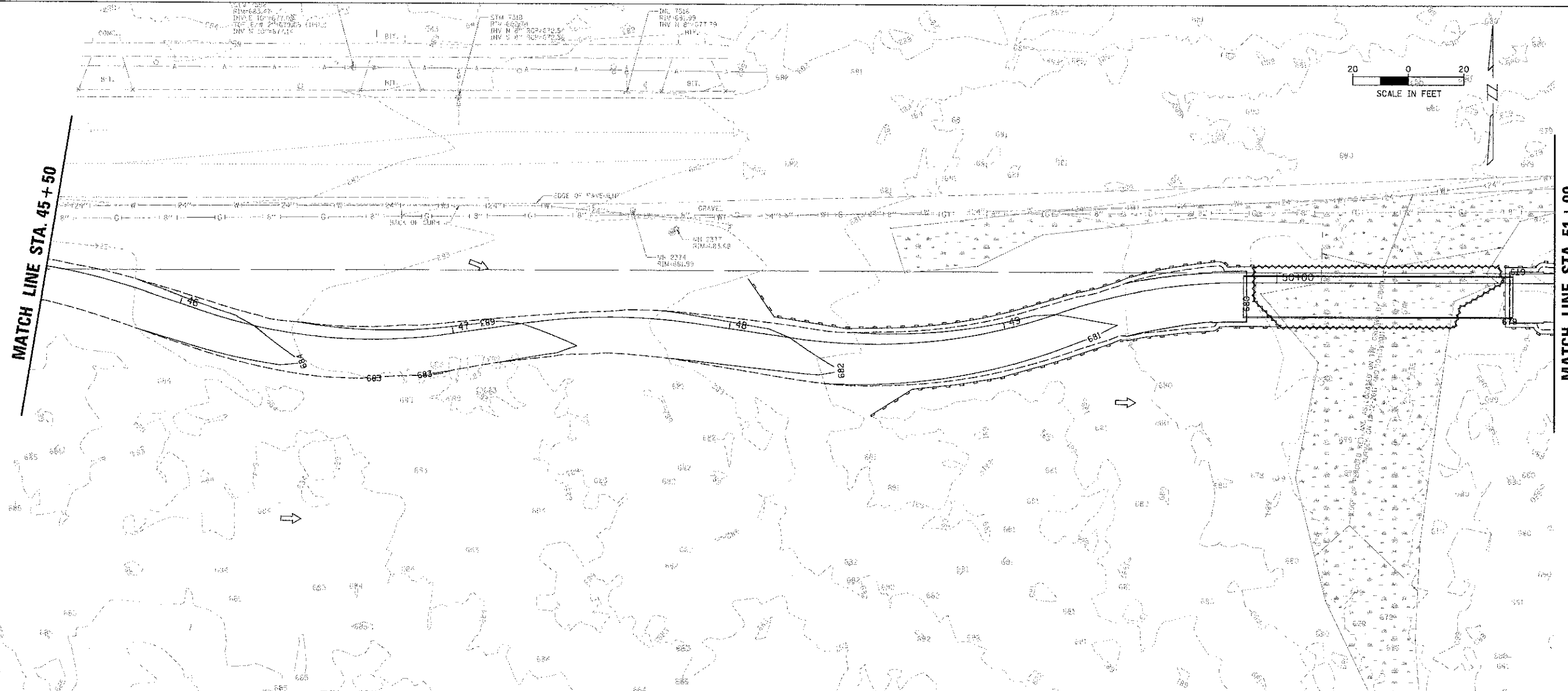
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	34
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				













MATCH LINE STA. 45 + 50

MATCH LINE STA. 51 + 00

SCALE IN FEET  
0 20

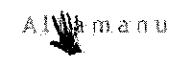


**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE (ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
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-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



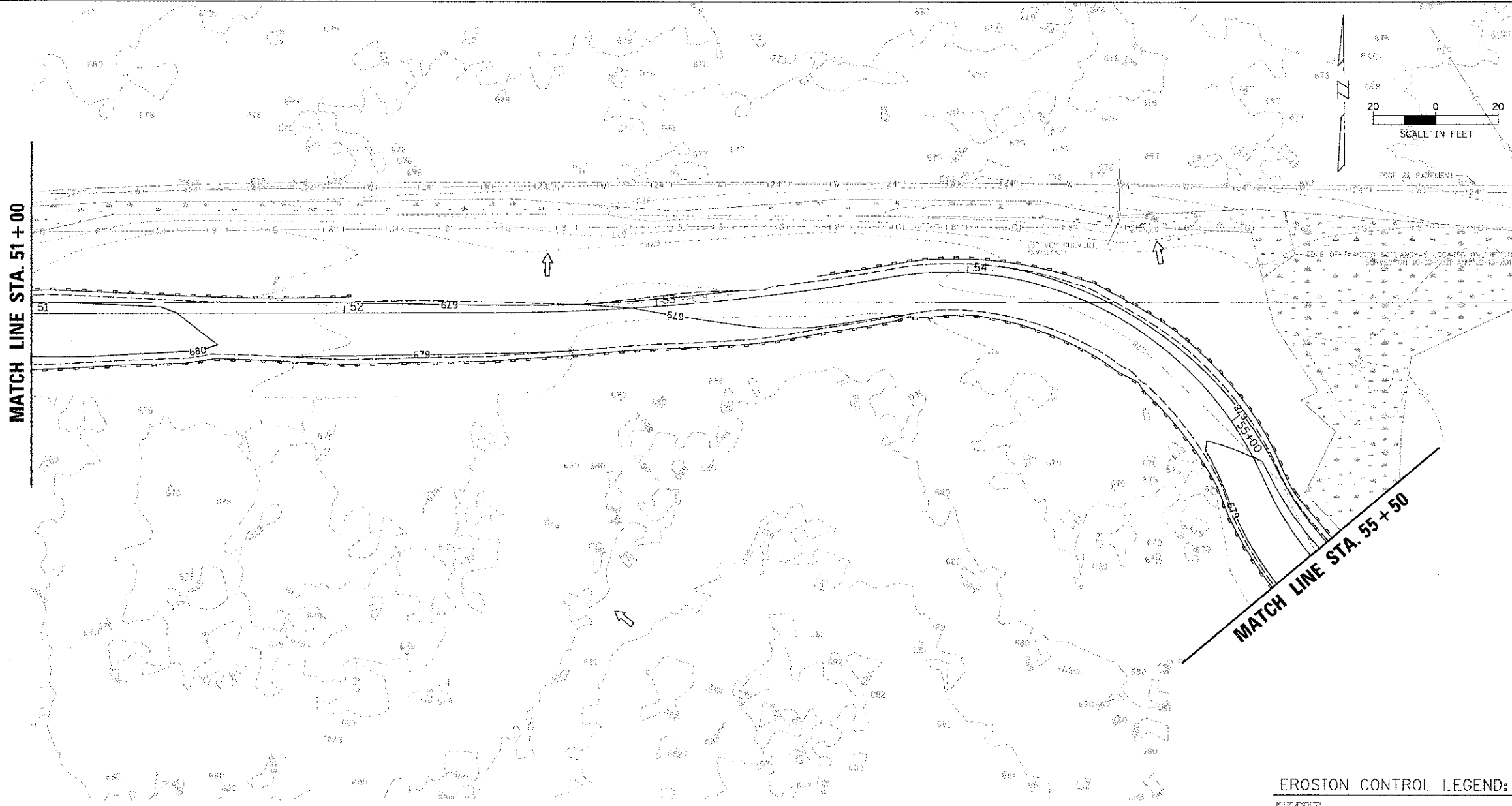
USER NAME: nicholas	DESIGNED - MWJ	REVISED -
PILOT SCALE: 2"	DRAWN - PJH	REVISED -
PILOT DATE: 4/11/2013	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION













LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
SOIL EROSION & SEDIMENT CONTROL PLANS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	35
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE  
(ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

**CB**  
9675 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0600

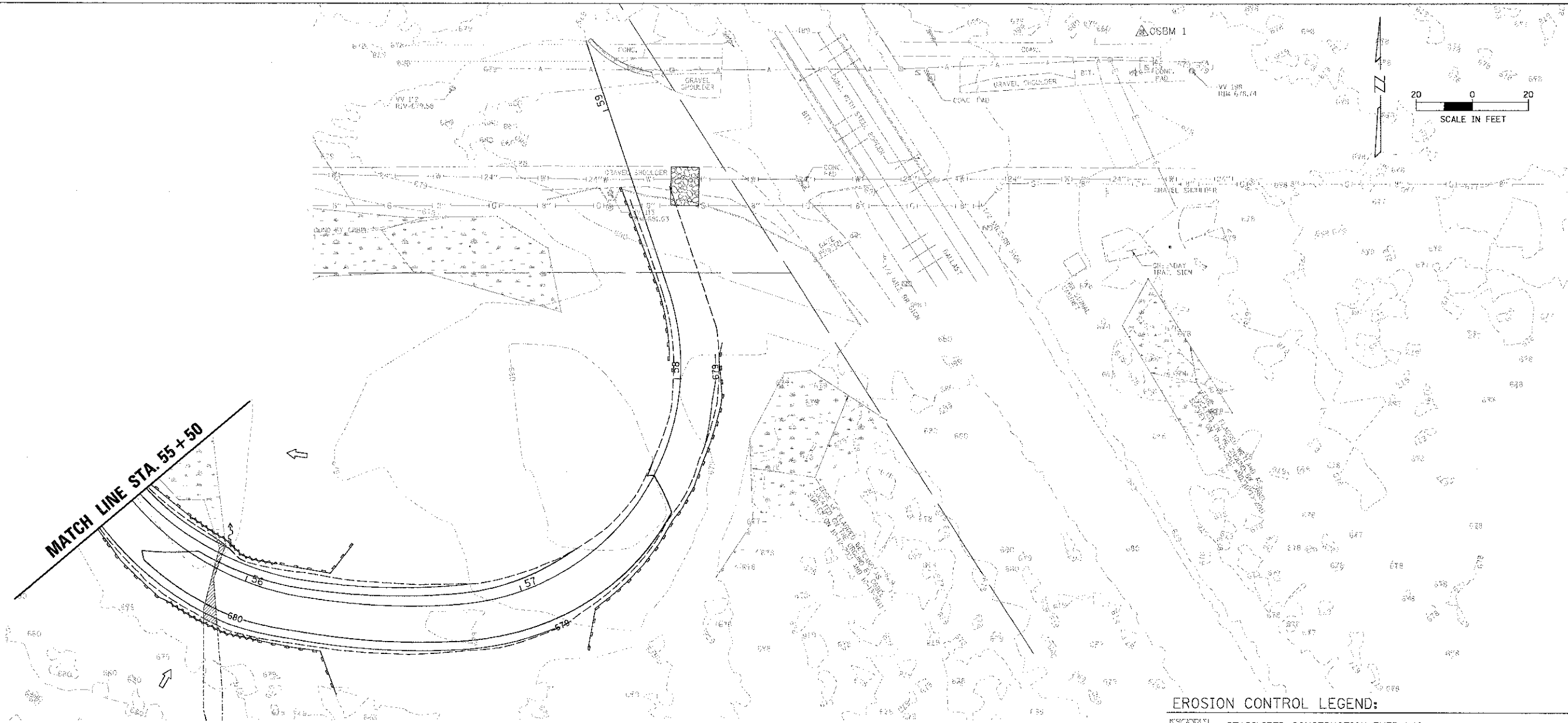


USER NAME = mthomas	DESIGNED - MWJ	REVISED -
PLOT SCALE = 2"	DRAWN - PJH	REVISED -
PLG: DWP = 4/11/2013	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -













**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**SOIL EROSION & SEDIMENT CONTROL PLANS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	36
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL LEGEND:**

-  STABILIZED CONSTRUCTION ENTRANCE  
(ACTUAL LOCATIONS TBD IN THE FIELD)
-  PERIMETER EROSION BARRIER, SPECIAL
-  MULCH, METHOD 3A
-  TEMPORARY DITCH CHECKS (SPECIAL)
-  PERIMETER EROSION BARRIER
-  INLET FILTER
-  UNVEGETATED WATERS
-  WETLAND
-  IMPACTED UNVEGETATED WATERS
-  CONCENTRATED FLOW
-  OVERLAND FLOW
-  LIMITS OF CONSTRUCTION

REFER TO LANDSCAPING PLAN FOR FINAL STABILIZATION, INCLUDING SEED MIXES, EROSION CONTROL BLANKET, AND SODDING.

**CIB**  
8575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



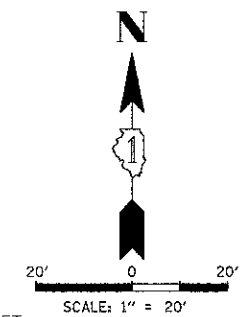
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PLT DATE = 4/11/2013	CHECKED MWJ	REVISED -
	DATE 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**SOIL EROSION & SEDIMENT CONTROL PLANS**

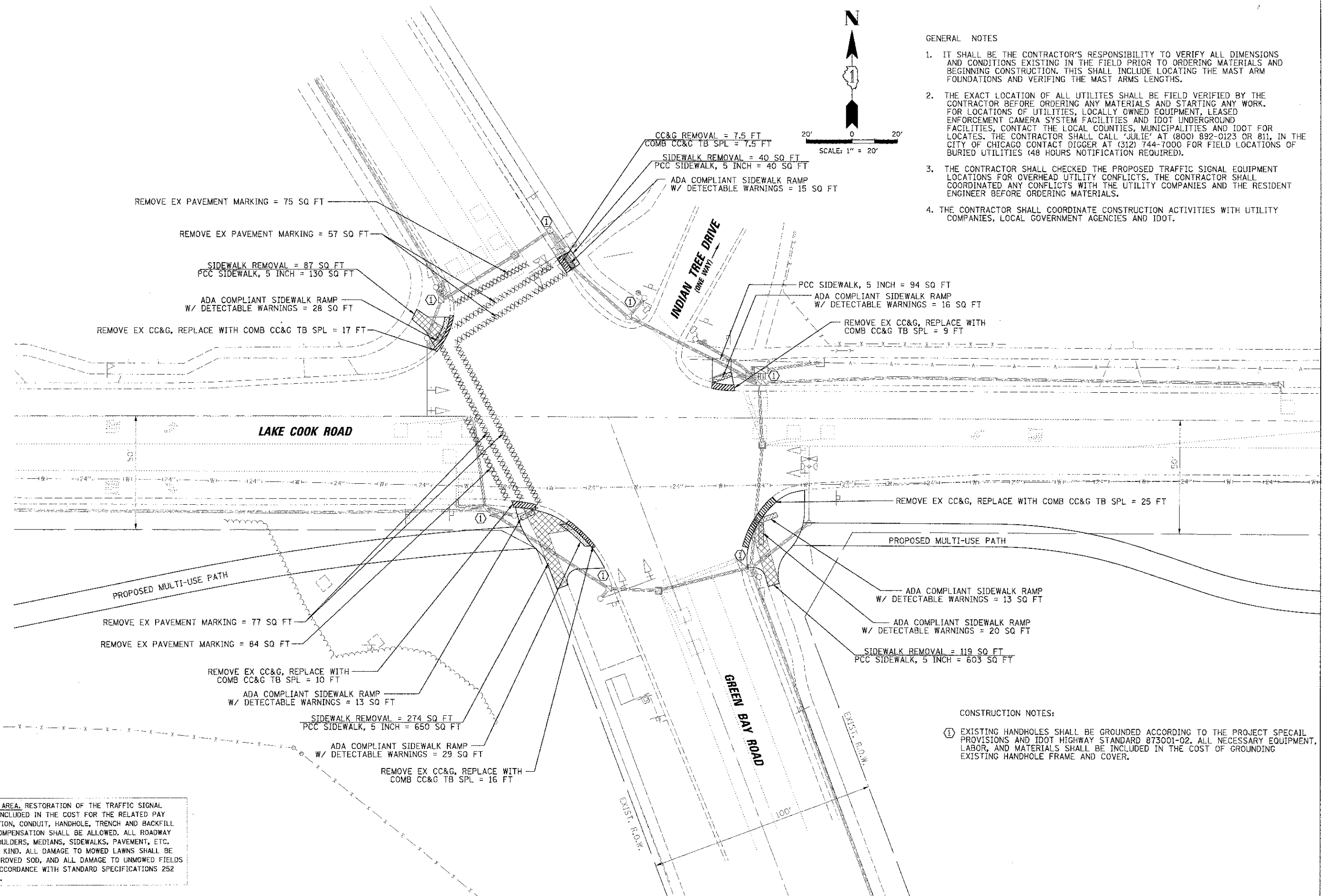
SCALE: 1" = 20'    SHEET NO. OF SHEETS    STA. TO STA.

F.A.D. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 37
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



**GENERAL NOTES**

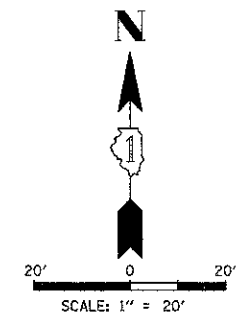
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECKED THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATED ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



- CONSTRUCTION NOTES:**
- ① EXISTING HANDHOLES SHALL BE GROUNDED ACCORDING TO THE PROJECT SPECAIL PROVISIONS AND IDOT HIGHWAY STANDARD 873001-02. ALL NECESSARY EQUIPMENT, LABOR, AND MATERIALS SHALL BE INCLUDED IN THE COST OF GROUNDED EXISTING HANDHOLE FRAME AND COVER.

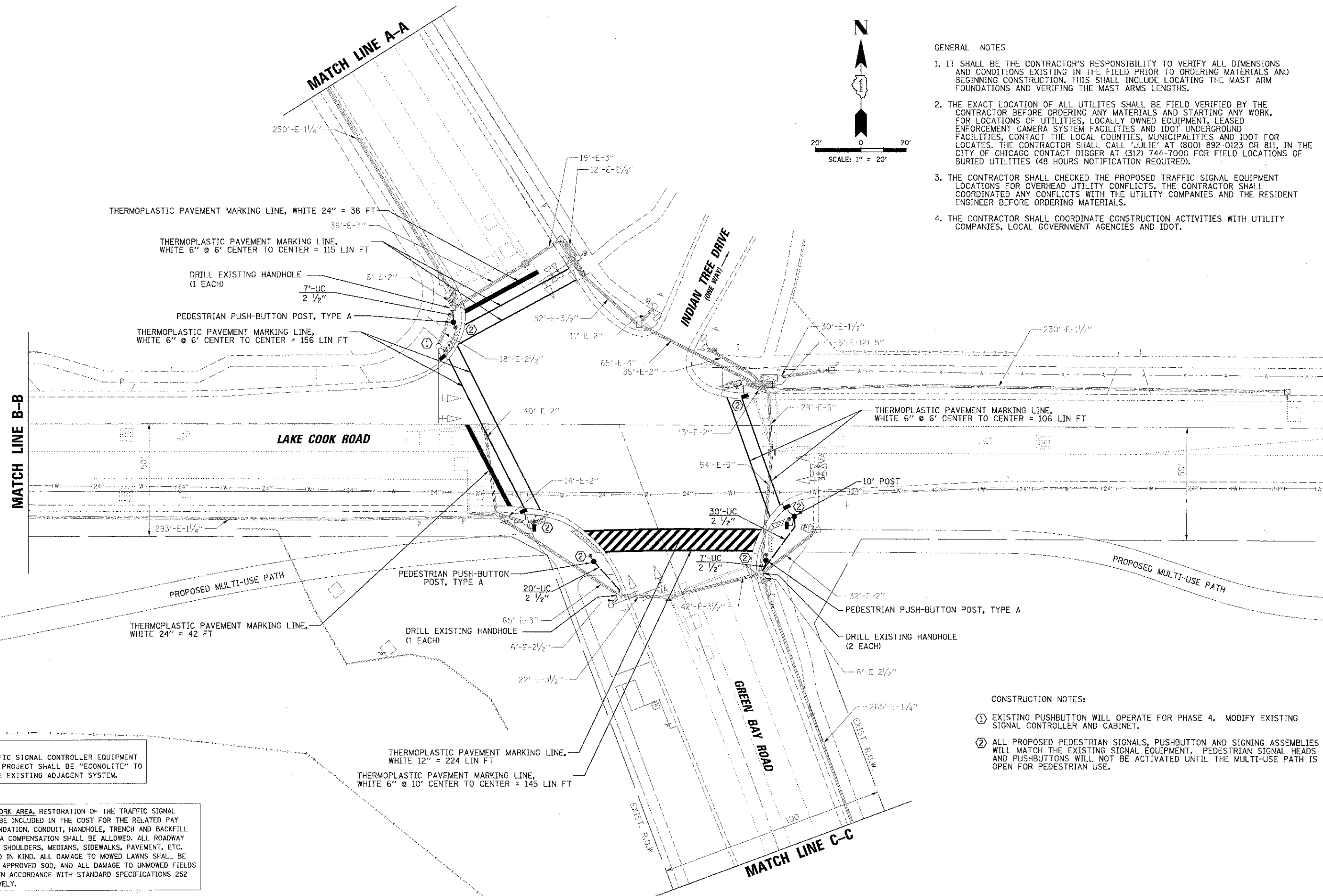
RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST FOR THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

<p>9675 W. Higgins Road, Suite 800 Rosemont, Illinois 60018 (647) 823-0800</p>	USER NAME: r.mchomas DESIGNED: WCE DRAWN: FCP CHECKED: GMZ DATE: 4/11/13	REVISED: - REVISED: - REVISED: - REVISED: -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SIDEWALK MODIFICATION AND PAVEMENT MARKING REMOVAL PLAN</b> <b>LAKE COOK ROAD AND GREEN BAY ROAD</b>	F.A.U. RTE.: 3726 SECTION: 10-F3000-22-BT COUNTY: COOK/LAKE TOTAL SHEETS: 89 SHEET NO.: 38 CONTRACT NO.: 63781	SCALE: 1" = 20' SHEET NO. OF SHEETS: STA. TO STA.	ILLINOIS FED. AID PROJECT
	PLOT SCALE: 1" = 20' PLOT DATE: 4/11/2013						



**GENERAL NOTES**

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
2. THE EXACT LOCATION OF ALL UTILITES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL 'JULIE' AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
3. THE CONTRACTOR SHALL CHECKED THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATED ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
4. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

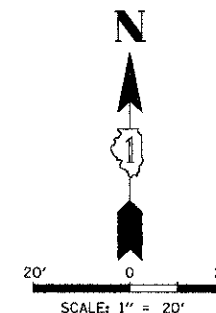
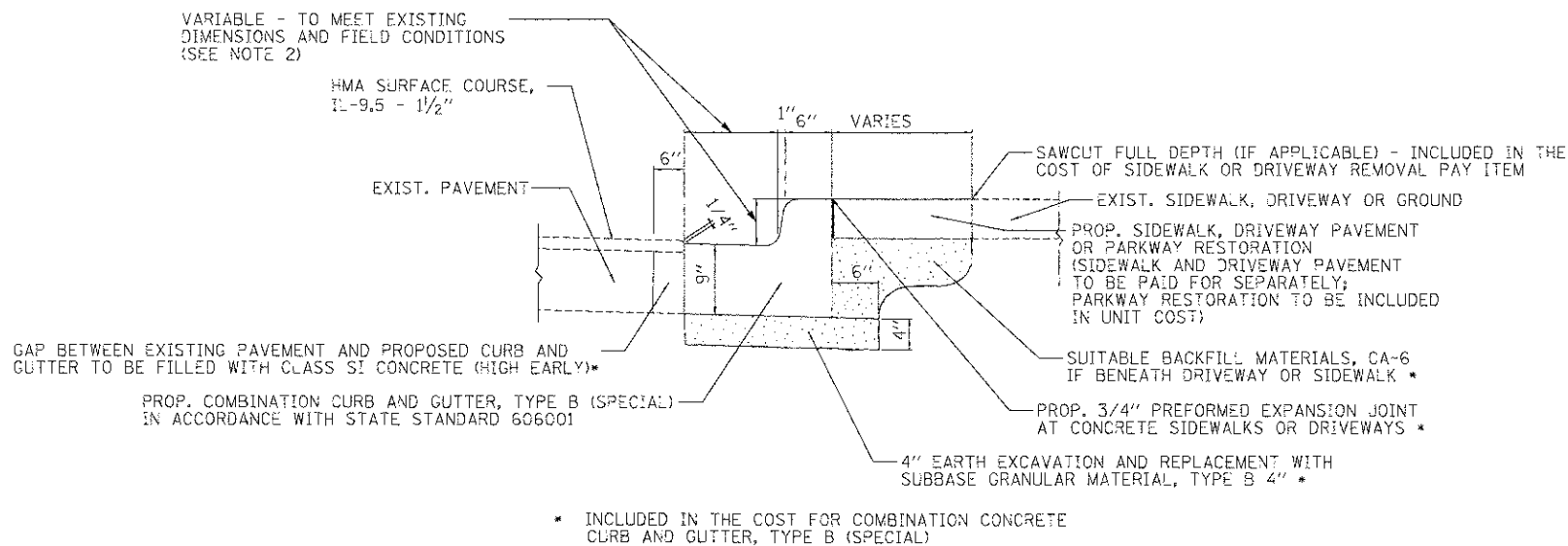
**CONSTRUCTION NOTES:**

- ① EXISTING PUSHBUTTON WILL OPERATE FOR PHASE 4. MODIFY EXISTING SIGNAL CONTROLLER AND CABINET.
- ② ALL PROPOSED PEDESTRIAN SIGNALS, PUSHBUTTON AND SIGNING ASSEMBLIES WILL MATCH THE EXISTING SIGNAL EQUIPMENT. PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS WILL NOT BE ACTIVATED UNTIL THE MULTI-USE PATH IS OPEN FOR PEDESTRIAN USE.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST FOR THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (647) 823-0500	USER NAME: pthomas PLOT SCALE: 20' PLOT DATE: 4/23/2013	DESIGNED - WCE DRAWN - FCP CHECKED - GMZ DATE - 4/11/13	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODERNIZATION PLAN</b> <b>LAKE COOK ROAD AND GREEN BAY ROAD</b> <b>(SHEET 1 OF 2)</b>	F.A.J. RTE.: 3726 SECTION: 10-F3000-22-BT COUNTY: COOK/LAKE TOTAL SHEETS: 89 SHEETS: 39 CONTRACT NO. 63781
	SCALE: 1" = 20'    SHEET NO. OF SHEETS    STA.    TO STA.				ILLINOIS FED. AID PROJECT	

**DETAIL:**



**COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)**

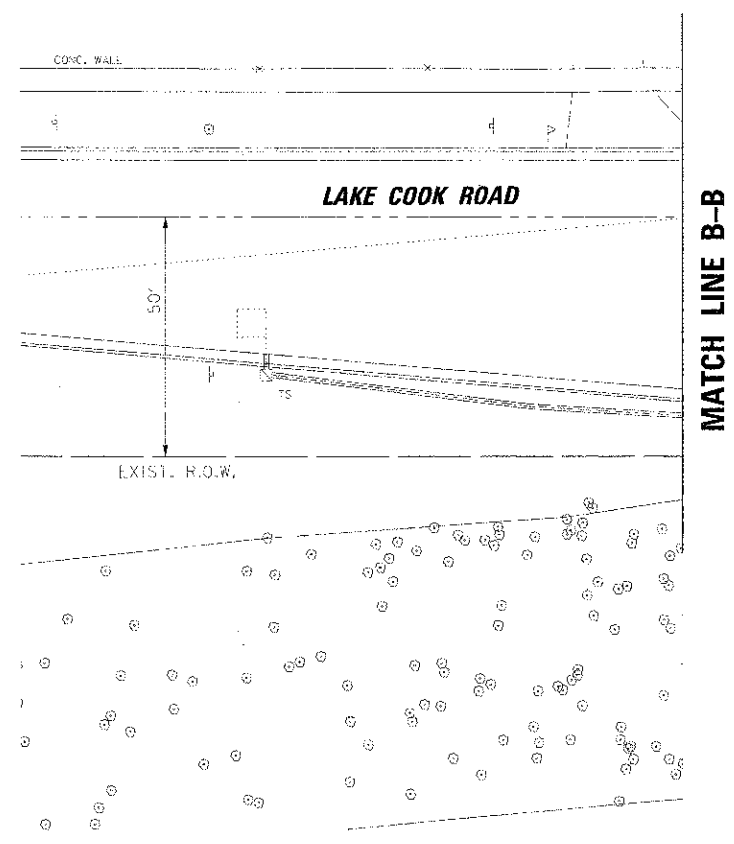
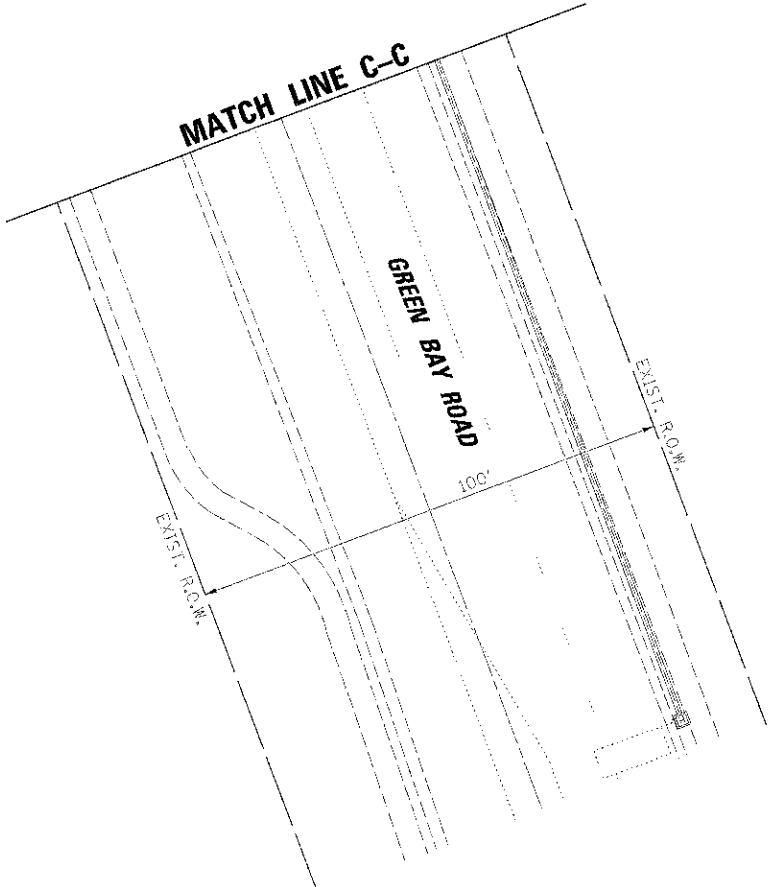
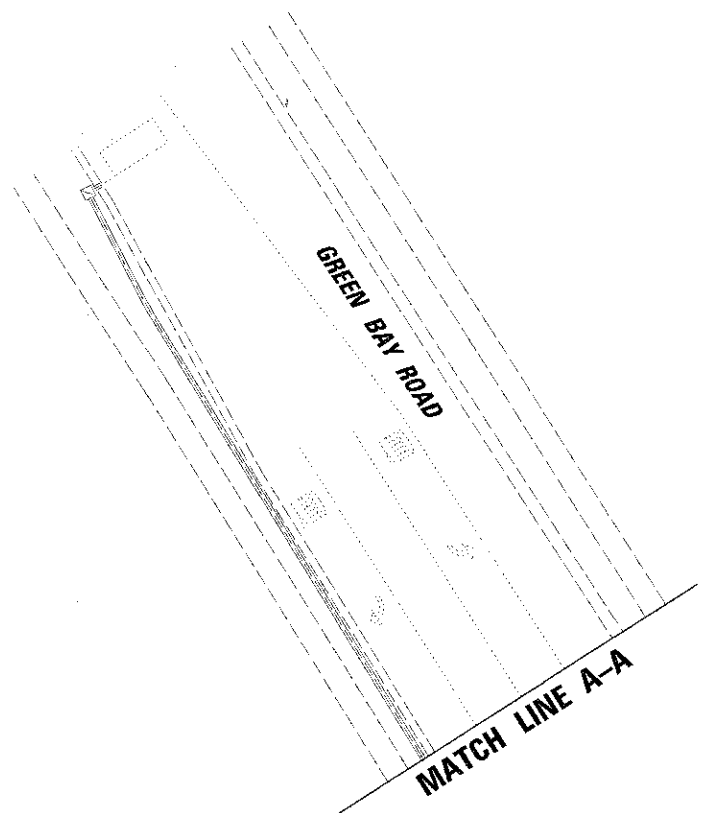
**NOTE:**

- SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED UNLESS OTHERWISE NOTED IN THE PLANS. THE COST WILL BE INCLUDED IN THE UNIT PRICE OF COMBINATION CURB AND GUTTER REMOVAL.
- CURB OR CURB AND GUTTER INSTALLATION SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.
- THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

SALT TOLERANT SOD AND TOP SOIL 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF COMBINATION CURB AND GUTTER REMOVAL.

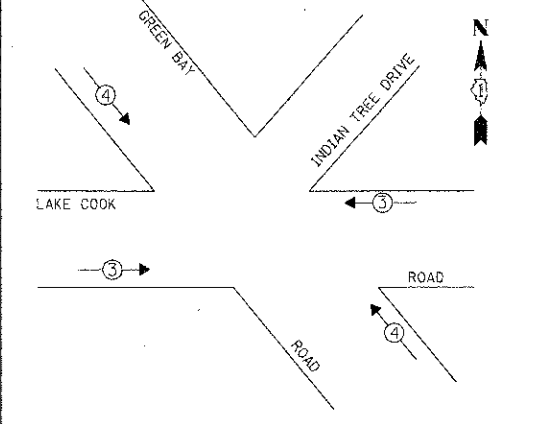
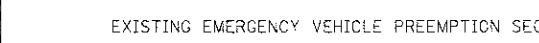
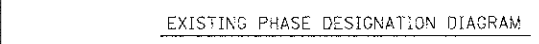
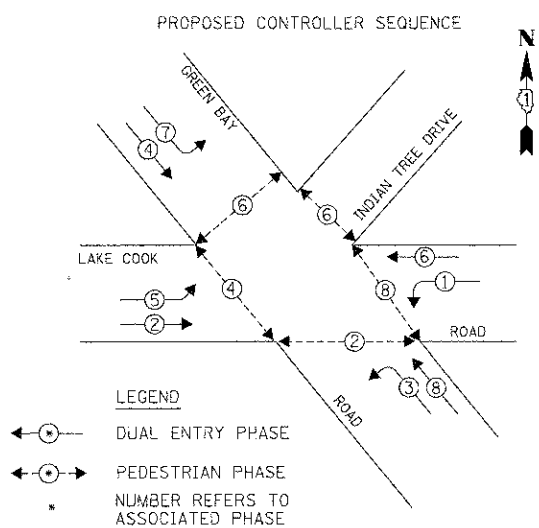
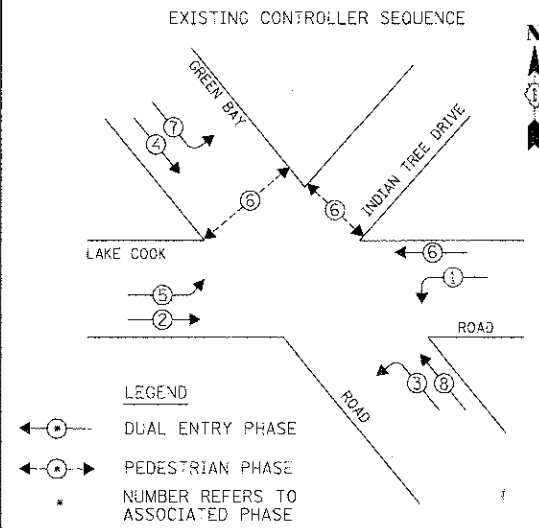
NOTE:  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST FOR THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



<p>9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 873-0500</p>	USER NAME = jsthomax	DESIGNED - WCE	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>TRAFFIC SIGNAL MODERNIZATION PLAN</b> <b>LAKE COOK ROAD AND GREEN BAY ROAD</b> <b>(SHEET 2 OF 2)</b></p>	F.A.U. RTE. = 3726	SECTION = 10-F3000-22-BT	COUNTY = COOK/LAKE	TOTAL SHEETS = 89	SHEET NO. = 40
	PLOT SCALE = 20'	DRAWN - FCP	REVISED -			SCALE: 1" = 20'	SHEET NO. OF SHEETS = STA. TO STA.	CONTRACT NO. 63781	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 4/11/2013	CHECKED - GMZ	REVISED -							
		DATE = 4/11/13	REVISED -							





**NOTE:**  
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**RESTORATION OF WORK AREA.** RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST FOR THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

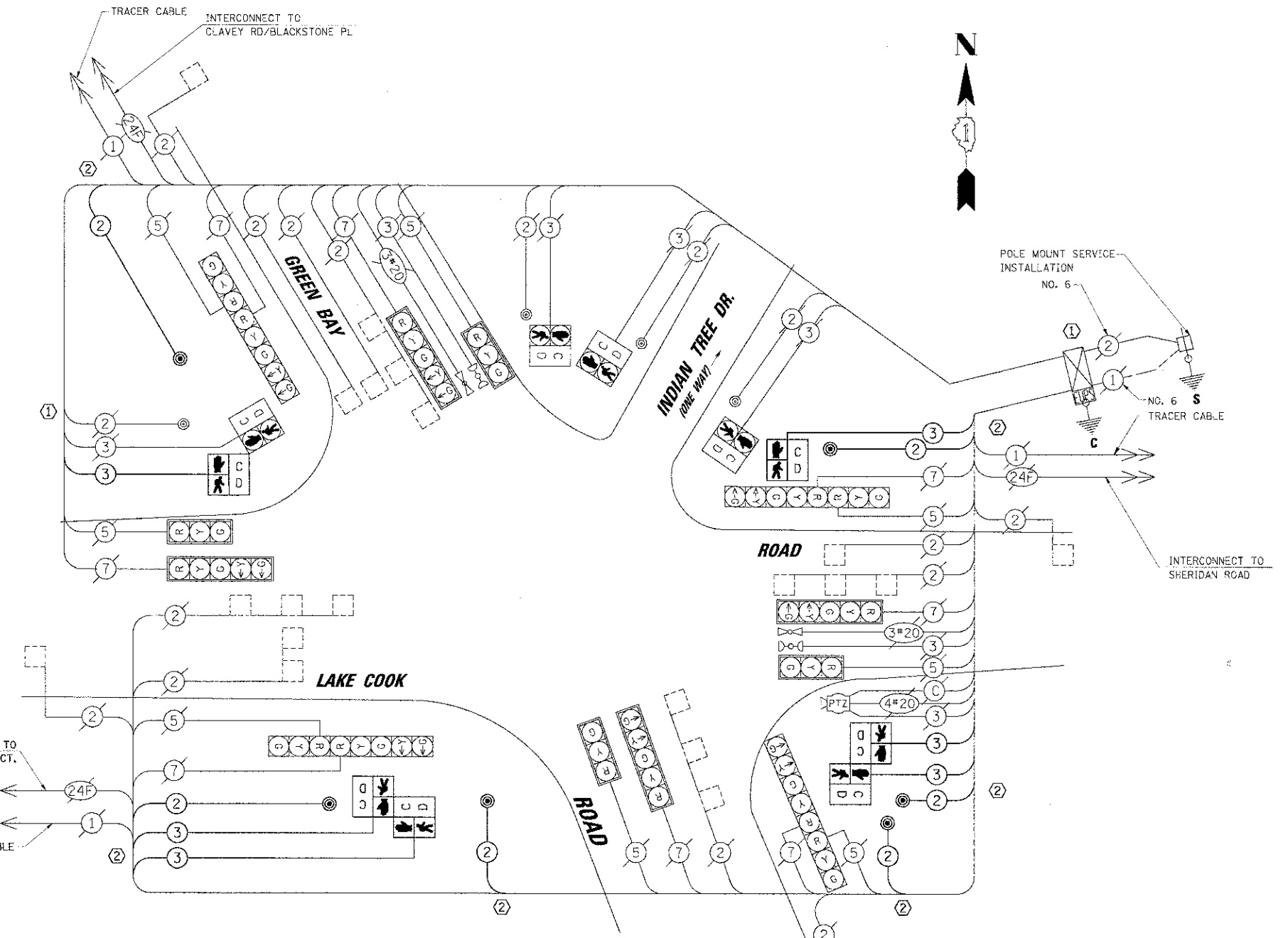
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↔

L.C.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE	
TYPE	NO. OF LAMPS	WATTAGE	INCAND.	LED	% OPERATION	
SIGNAL (RED)	16	10			0.50	80.0
(YELLOW)	16	19			0.10	30.4
(GREEN)	16	11			0.40	70.4
ARROW	16	9			0.10	14.4
PED. SIGNAL	10	9			1.00	90.0
CONTROLLER	1	100			1.00	100.0
LUMINAIRE	-	250			0.50	-
L.E.D. ST. NAME SIGN	-	64			0.50	-
VIDEO SYSTEM	1	150			1.00	150.0
BATTERY BACKUP	1	25			1.00	25.0
ENERGY COSTS TO:					TOTAL =	560.2

**CITY OF HIGHLAND PARK**  
1707 ST. JOHNS AVENUE  
HIGHLAND PARK, IL 60035-3593  
ENERGY SUPPLY CONTACT: JEAN WILL  
PHONE: (847) 816-5459  
COMPANY: COMED

DESIGNED - WCE  
DRAWN - FCP  
CHECKED - GMZ  
DATE - 4/11/13

FILE NAME = CAB.LandGrndy.dgn



- CONSTRUCTION NOTES:**
- EXISTING PUSHBUTTON WILL OPERATE FOR PHASE 4. MODIFY EXISTING SIGNAL CONTROLLER AND CABINET.
  - ALL PROPOSED PEDESTRIAN SIGNALS, PUSHBUTTON AND SIGNING ASSEMBLIES WILL MATCH THE EXISTING SIGNAL EQUIPMENT. PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS WILL NOT BE ACTIVATED UNTIL THE MULTI-USE PATH IS OPEN FOR PEDESTRIAN USE.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QTY
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1700
DETECTABLE WARNINGS	SQ FT	151
COMBINATION CURB AND GUTTER REMOVAL	FOOT	85
SIDEWALK REMOVAL	SQ FT	520
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	416
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	250
THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80
PAVEMENT MARKING REMOVAL	SQ FT	305
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	64
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	8
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1110
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1250
TRAFFIC SIGNAL POST, 10 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
DRILL EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	6
MODIFY EXISTING CONTROLLER	EACH	1
COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPEC)	FOOT	85
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	3

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
**LAKE COOK ROAD AND GREEN BAY ROAD**

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 41
SCALE: SHEET NO. -- OF -- SHEETS STA. TO STA.			CONTRACT NO. 63781	
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL DESCRIPTION

WORK ADJACENT TO EAST SERVICE DRIVE

**CONSTRUCTION:**  
PERFORM VEGETATION PROTECTION AND REMOVAL, EROSION CONTROL, EARTHWORK AND PATH CONSTRUCTION

**MAINTENANCE OF TRAFFIC:**  
THE ABOVE WORK WILL BE PERFORMED USING IDOT STANDARD 701601 TO CLOSE HALF OF THE EAST SERVICE DRIVE. ONE LANE OF THROUGH TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.

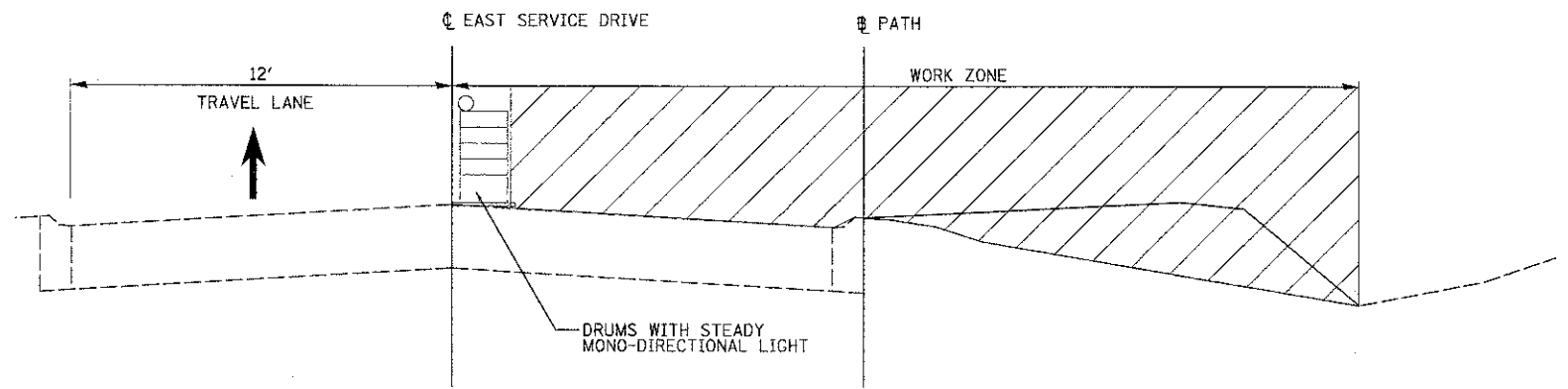
WORK ADJACENT TO LAKE COOK ROAD

**CONSTRUCTION:**  
PERFORM VEGETATION PROTECTION AND REMOVAL, EROSION CONTROL, EARTHWORK, PATH AND BOARDWALKS #1 AND #2 CONSTRUCTION.

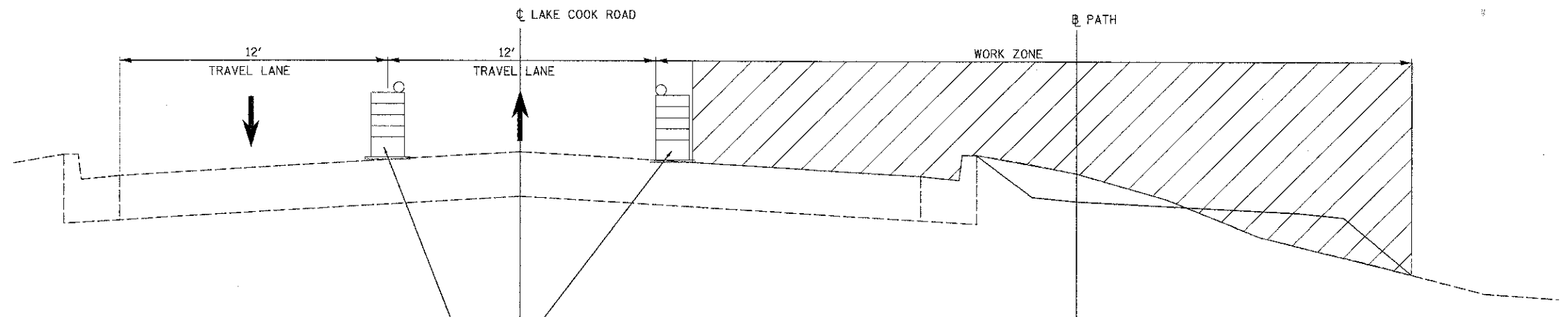
**MAINTENANCE OF TRAFFIC:**  
THE ABOVE WORK WILL BE PERFORMED USING IDOT STANDARD 701502 TO REROUTE EASTBOUND TRAFFIC TO THE TURN LANE. TWO WAY TRAFFIC ON LAKE COOK ROAD MUST BE MAINTAINED AT ALL TIMES. WHEN A LANE CLOSURE ON LAKE COOK ROAD IS NOT NECESSARY, IDOT STANDARD 701006 CAN BE UTILIZED FOR TRAFFIC CONTROL.

TRAFFIC CONTROL GENERAL NOTES

1. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT AREAS TO TRAFFIC, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."
2. THE CONTRACTOR SHALL NOT COMMENCE ANY LANE CLOSURES UNTIL NOTIFYING THE ENGINEER AT LEAST 7 CALENDAR DAYS IN ADVANCE OF THE DATE THE CONTRACTOR PROPOSES TO BEGIN THE CLOSURE. PLACEMENT OF TRAFFIC CONTROL ON THE EAST SERVICE DRIVE MUST BE COORDINATED WITH THE CHICAGO BOTANIC GARDEN TO AVOID LANE CLOSURE DURING PEAK VISITING TIMES.
3. THE TRAFFIC CONTROL ON THE EAST SERVICE DRIVE AND LAKE COOK ROAD SHALL REMAIN IN PLACE ONLY AS LONG AS NECESSARY TO SAFELY COMPLETE THE ADJACENT WORK. THE TRAFFIC CONTROL ALONG THE EAST SERVICE DRIVE WILL BE ALLOWED TO REMAIN IN PLACE FOR A MAXIMUM OF 20 WORKING DAYS. THE TRAFFIC CONTROL ALONG LAKE COOK ROAD WILL BE ALLOWED TO REMAIN IN PLACE FOR A MAXIMUM OF 17 WORKING DAYS.




EAST SERVICE DRIVE MAINTENANCE OF TRAFFIC  
STA. 10+30 TO STA. 18+75



LAKE COOK ROAD MAINTENANCE OF TRAFFIC  
STA. 22+00 TO STA. 31+60




 8675 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500


 AkiManu

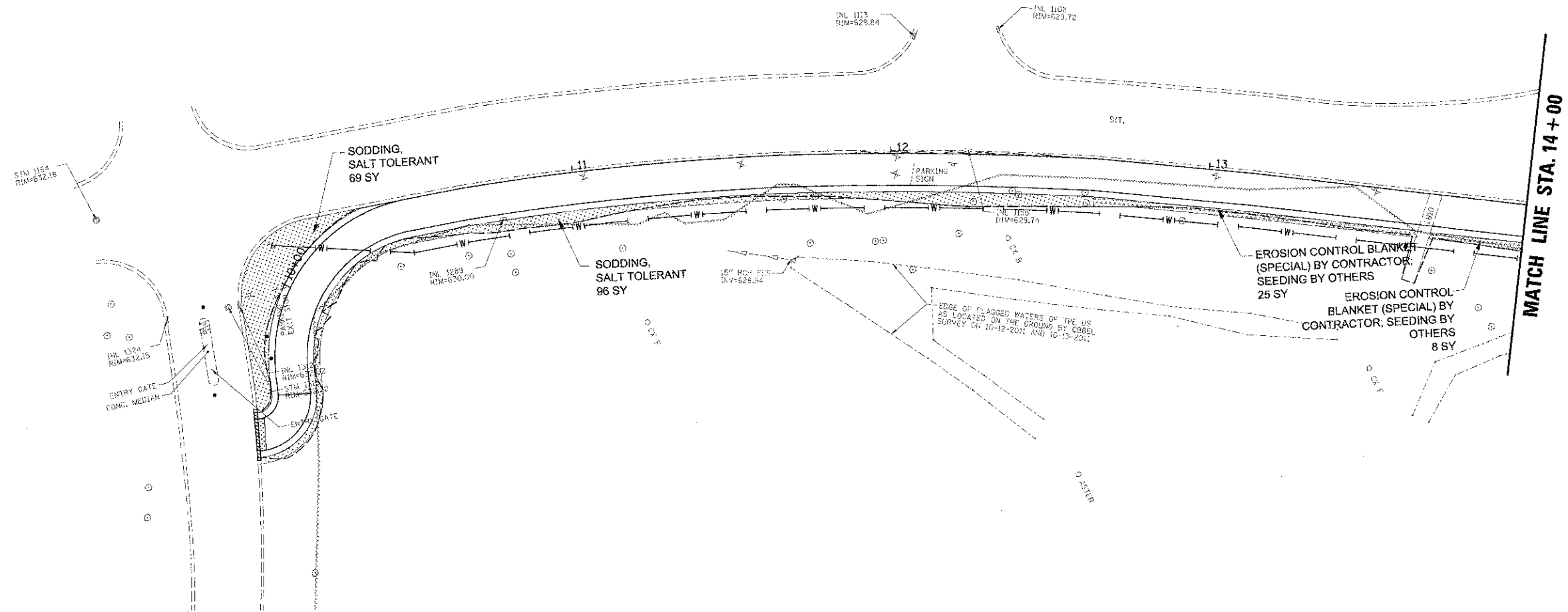
USER NAME: p-Thomas  
 PLOT SCALE: 1" = 20'  
 PLOT DATE: 4/11/2013

DESIGNED	MBT	REVISED	-
DRAWN	PWN	REVISED	-
CHECKED	MEK	REVISED	-
DATE	4/11/13	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**CONSTRUCTION STAGING AND STOCKPILES AREAS**  
 SCALE: 1" = 20'    SHEET NO.    OF    SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	43
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- PROPOSED SHRUB EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) SODDING, SALT TOLERANT

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

**CB**  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0800



USER NAME = m9h0mca  
PLOT SCALE = 20'  
PLOT DATE = 4/11/2013

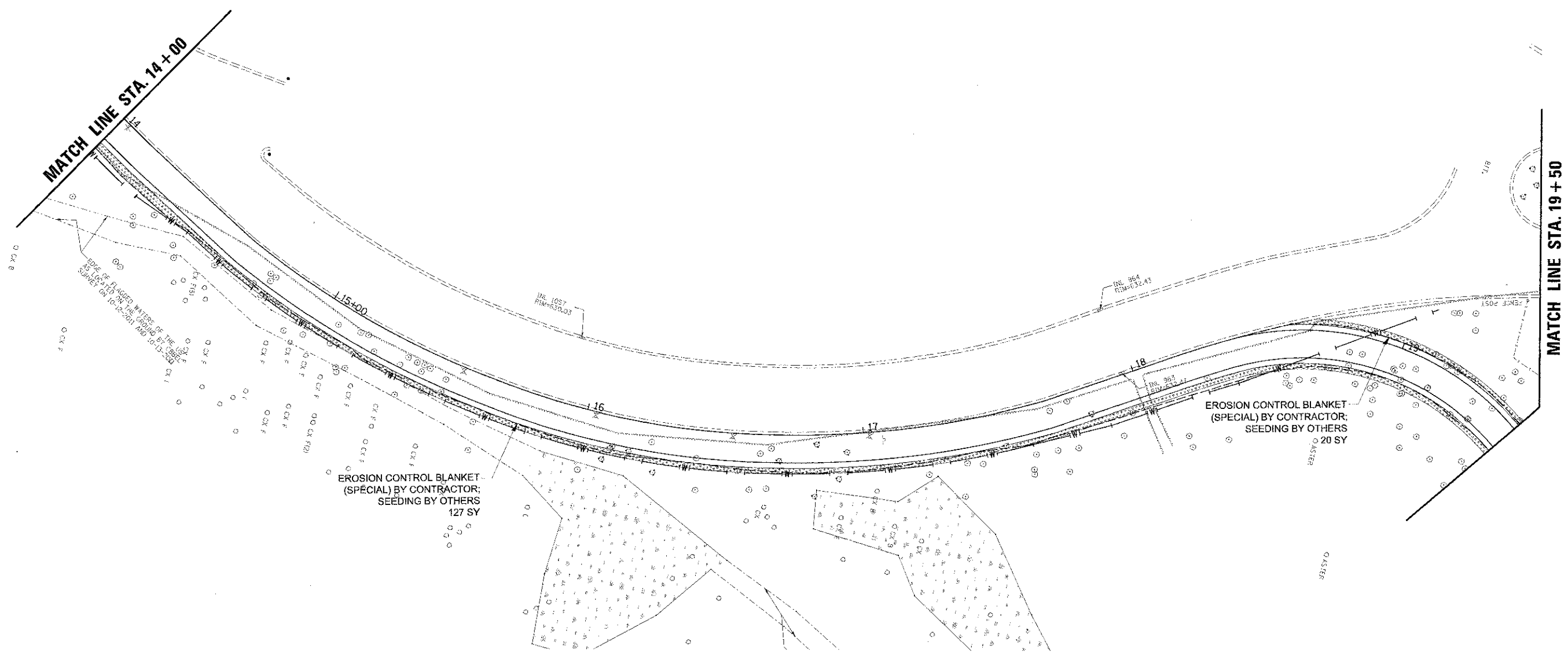
DESIGNED - MWJ  
DRAWN - P.J.H.  
CHECKED - MWJ  
DATE - 4/11/13

REVISED  
REVISED  
REVISED  
REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**LANDSCAPING PLANS**  
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	44
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- PROPOSED SHRUB (⊕)
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) (⊙)
- EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS (hatched pattern)
- SODDING, SALT TOLERANT (dotted pattern)

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

**CB**  
9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



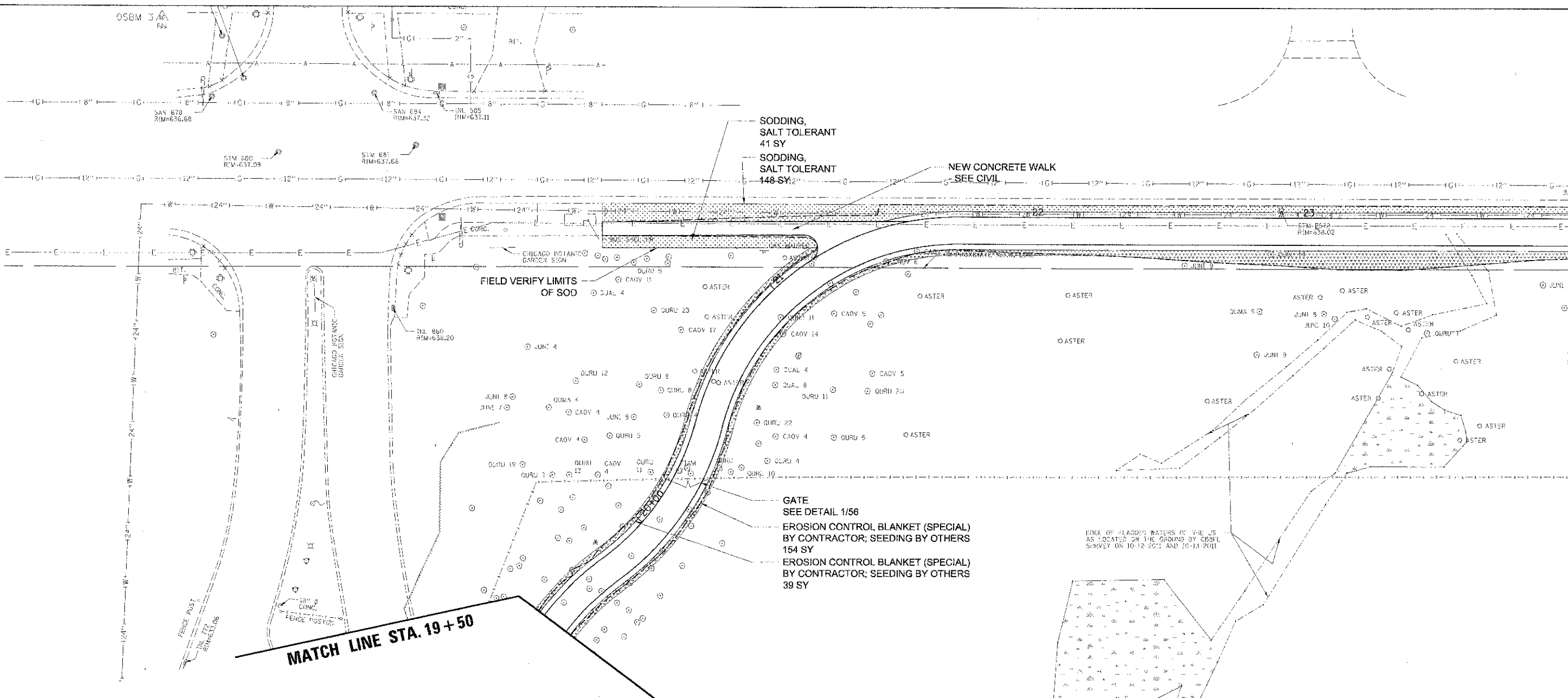
USER NAME = a.thomas  
PLOT SCALE = 20'  
PLOT DATE = 4/11/2013

DESIGNED - MWJ	REVISED -
DRAWN - PJH	REVISED -
CHECKED - MWJ	REVISED -
DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**LANDSCAPING PLANS**  
SCALE: 1" = 20' SHEET NO. 07 OF SHEETS STA. TO STA.

F.A.U. RTE. 3726	SECTION 10-F3000-22-9T	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 45
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 24 + 00

MATCH LINE STA. 19 + 50

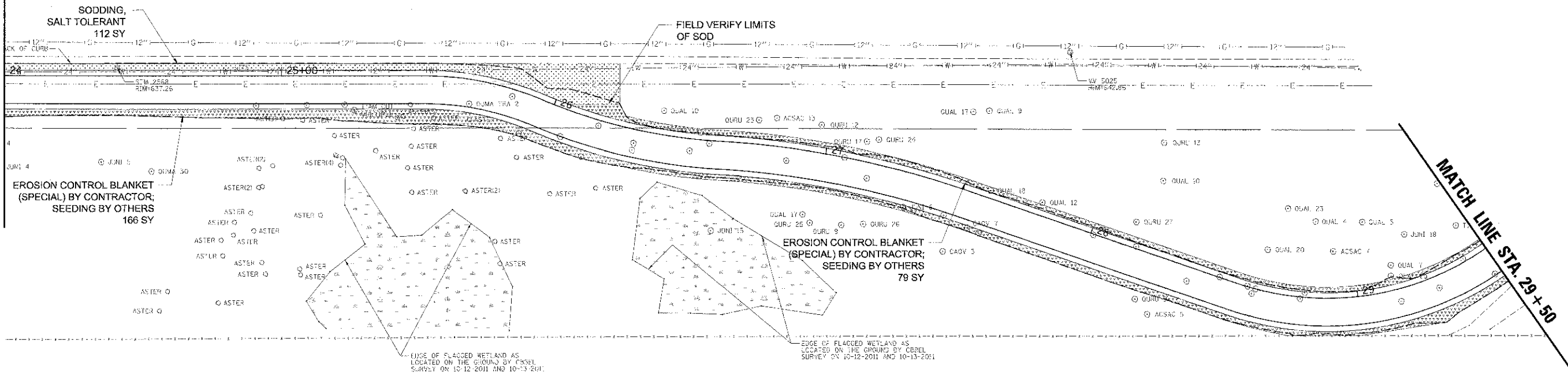
**LEGEND:**

- PROPOSED SHRUB EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) SODDING, SALT TOLERANT

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

	USER: HGM/C - msh-cmoss	DESIGNED - MWJ	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>LANDSCAPING PLANS</b>	F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 46
	PLOT SCALE = 20'	CHECKED - MWJ	DATE 4/11/13			REVISED -	SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63781
ILLINOIS FED. AID PROJECT										

MATCH LINE STA. 24 + 00



MATCH LINE STA. 29 + 50

**LEGEND:**

- PROPOSED SHRUB (Symbol: circle with a cross) EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS (Symbol: cross-hatched box)
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) (Symbol: circle with a dot) SODDING, SALT TOLERANT (Symbol: dotted box)

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

DESIGNED - MWJ	REVISED -
DRAWN - PUH	REVISED -
CHECKED - MWJ	REVISED -
DATE - 4/11/13	REVISED -

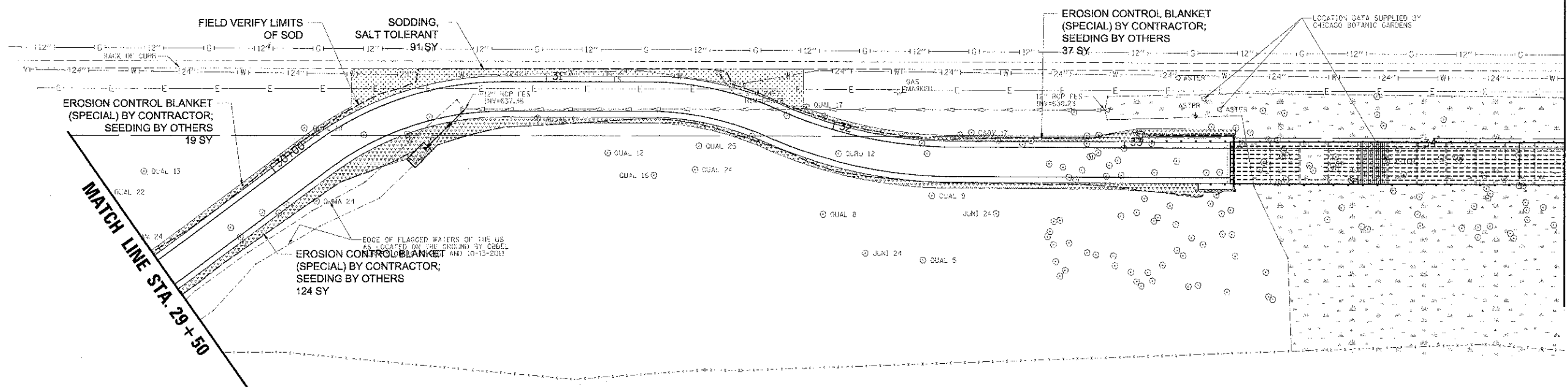
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAKE COOK ROADNORTH BRANCH BICYCLE TRAIL EXTENSION  
LANDSCAPING PLANS

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.D. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 47
ILLINOIS FED. AID PROJECT				CONTRACT NO. 63781

7650  
42.09  
CP-R2



**LEGEND:**

- PROPOSED SHRUB (Symbol: circle with cross)
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) (Symbol: circle with dot)
- EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS (Symbol: cross-hatch pattern)
- SODDING, SALT TOLERANT (Symbol: stippled pattern)

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 828-0500

**ALW** man u

DESIGNED - MWJ	REVISED -
DRAWN - PJH	REVISED -
CHECKED - MWJ	REVISED -
DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**LANDSCAPING PLANS**

SCALE: 1" = 20' SHEET NO. 08 OF SHEETS STA. TO STA.

P.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 48
CONTRACT NO. 63781				ILLINOIS FED. AID PROJECT

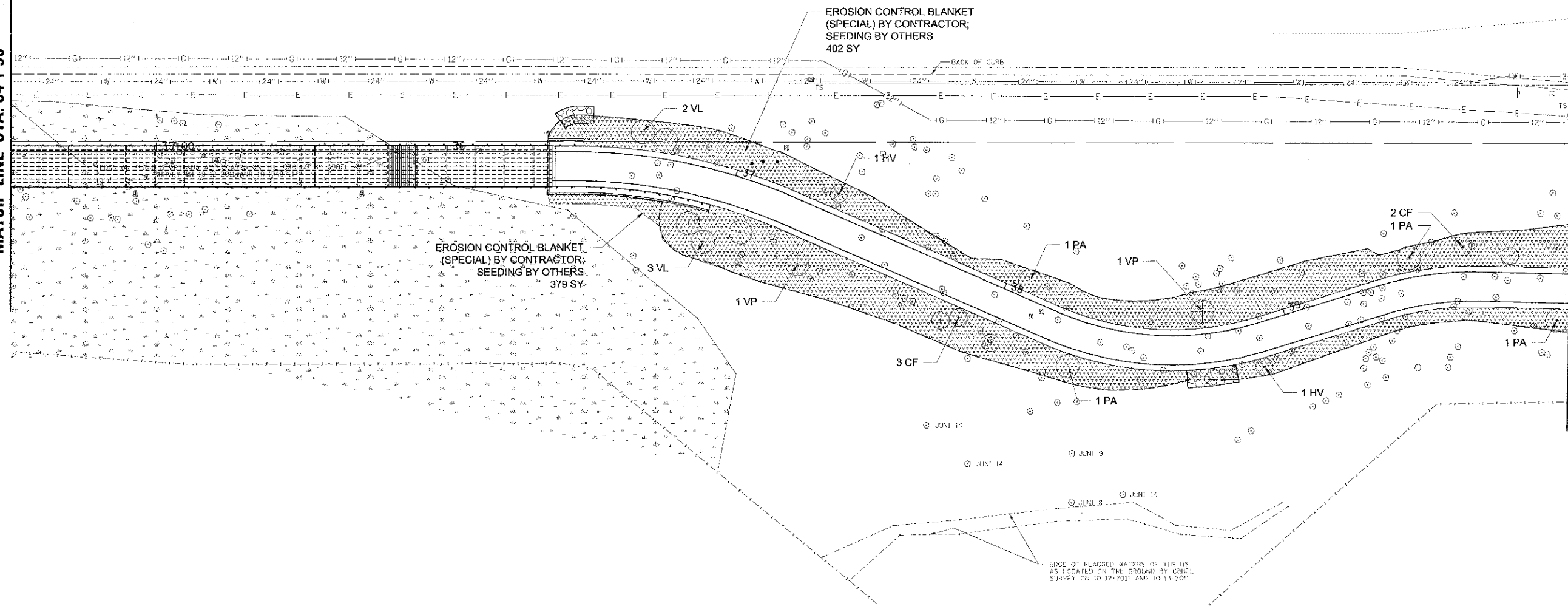


STA 738  
 INV 668.60  
 INV 5 12" RCP=668.75  
 INV NW 8" PVC=668.45

STA 734  
 INV 667.50  
 INV 2 15" RCP=664.25  
 INV W 15" RCP=669.25

MATCH LINE STA. 34 + 50

MATCH LINE STA. 40 + 00



**LEGEND:**

- PROPOSED SHRUB EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) SODDING, SALT TOLERANT

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

6675 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (647) 823-0500

**Amano**

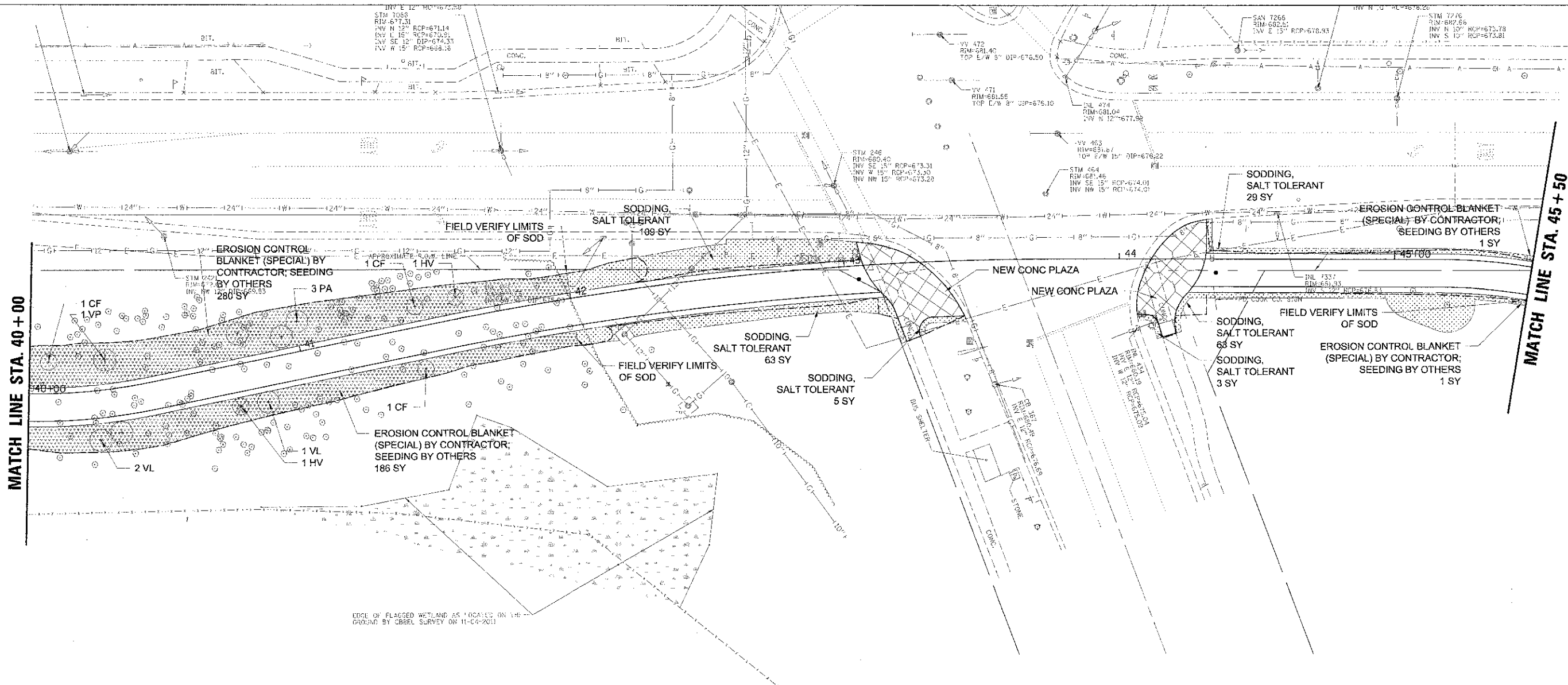
JRCP NAME	DESIGNED - MWJ	REVISED -
SCALE = 20'	DRAWN - PJH	REVISED -
SHEET DATE = 4/11/2013	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**LANDSCAPING PLANS**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	49
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



EDGE OF FLAGGED WETLAND AS LOCATED ON THE GROUND BY CBREL SURVEY ON 11-04-2011

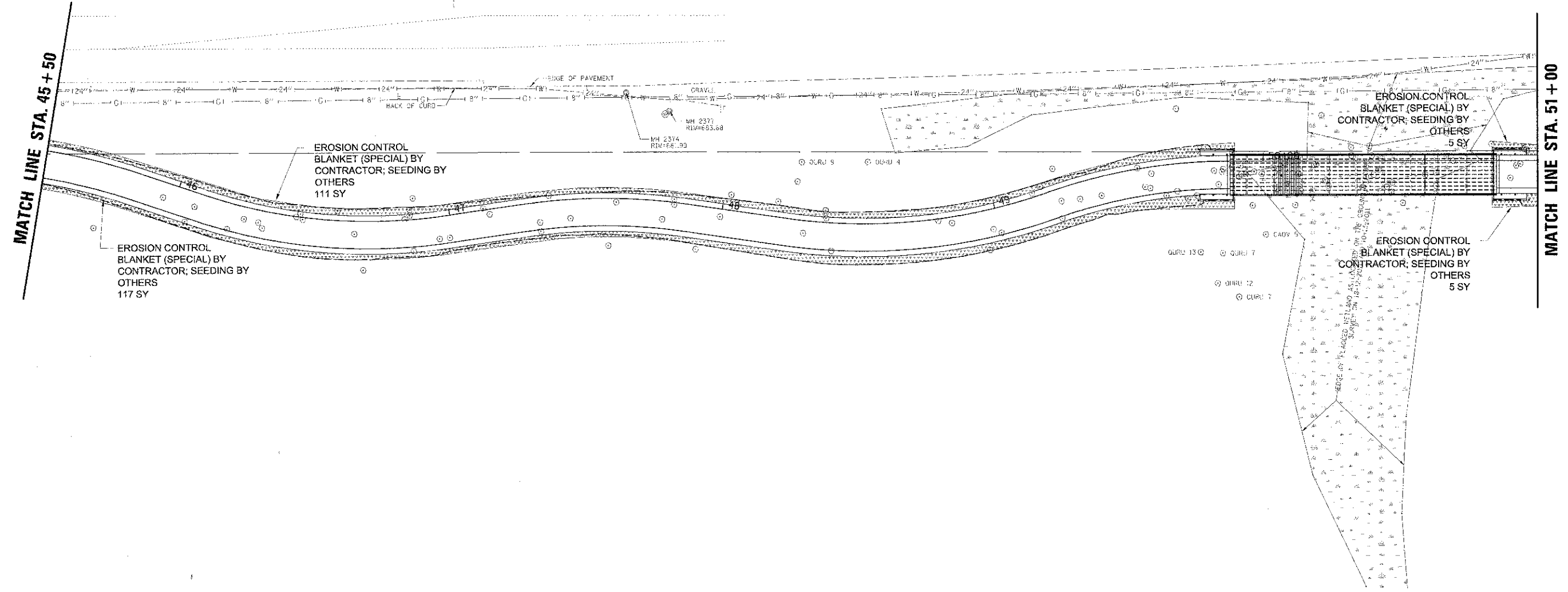
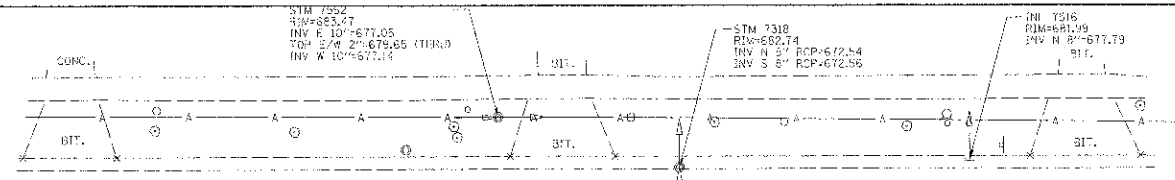
**LEGEND:**

- PROPOSED SHRUB EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) SODDING, SALT TOLERANT

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

USER NAME = jmbhomas	DESIGNED - MWJ	REVISED -
PLOT SCALE = 20'	DRAWN - PJH	REVISED -
PLOT DATE = 4/11/2013	CHECKED - MWJ	REVISED -
	DATE - 4/11/13	REVISED -

F.A.U. RTE. 3726	SECTION 10-F3000-22-B7	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63781	



**LEGEND:**

- PROPOSED SHRUB (Symbol: circle with a cross) EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS (Symbol: cross-hatch pattern)
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) (Symbol: circle with a dot) SODDING, SALT TOLERANT (Symbol: dotted pattern)

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

9675 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

USER NAME = mthomas	DESIGNED - MWJ	REVISED -
	DRAWN - PJH	REVISED -
PLD SCALE = 20'	CHECKED - MWJ	REVISED -
PLOT DATE = 4/11/2013	DATE - 4/11/13	REVISED -

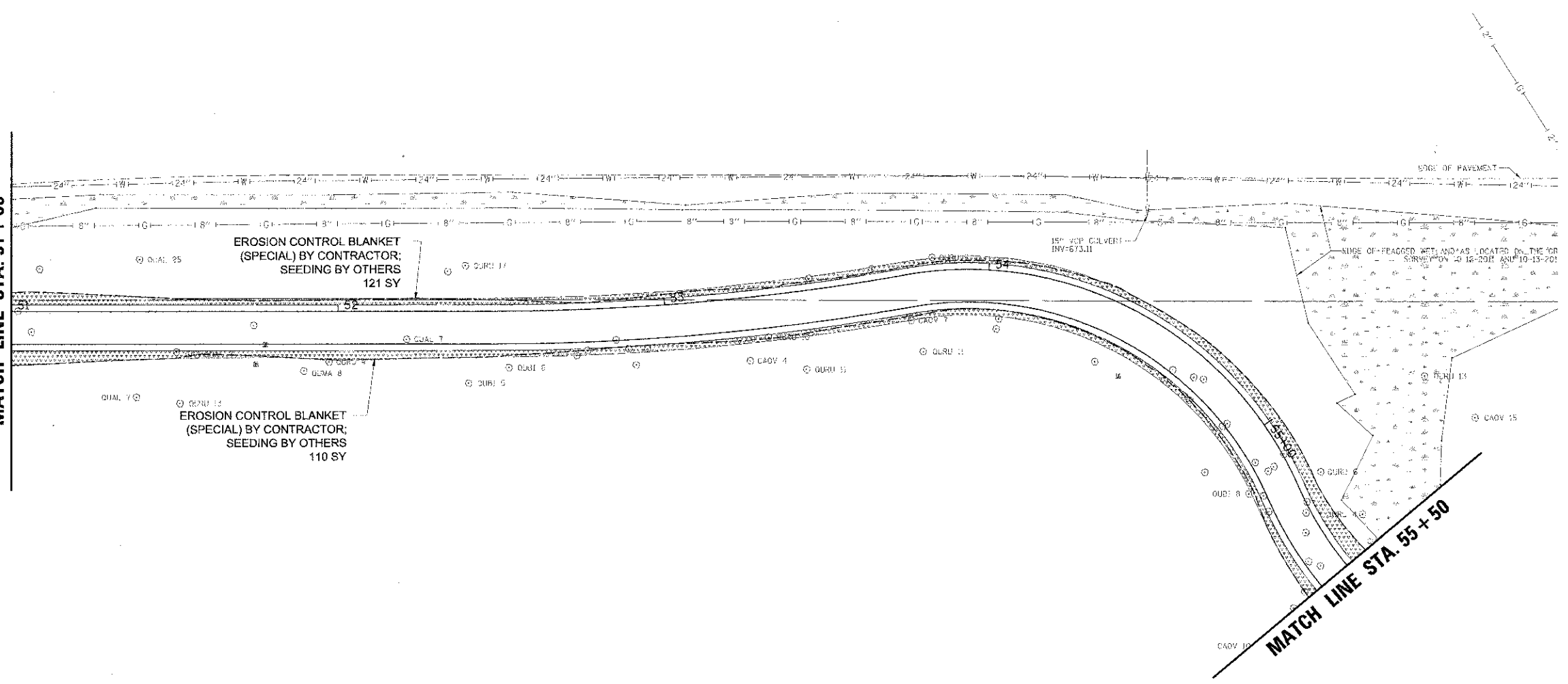
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**LANDSCAPING PLANS**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 51
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 51+00

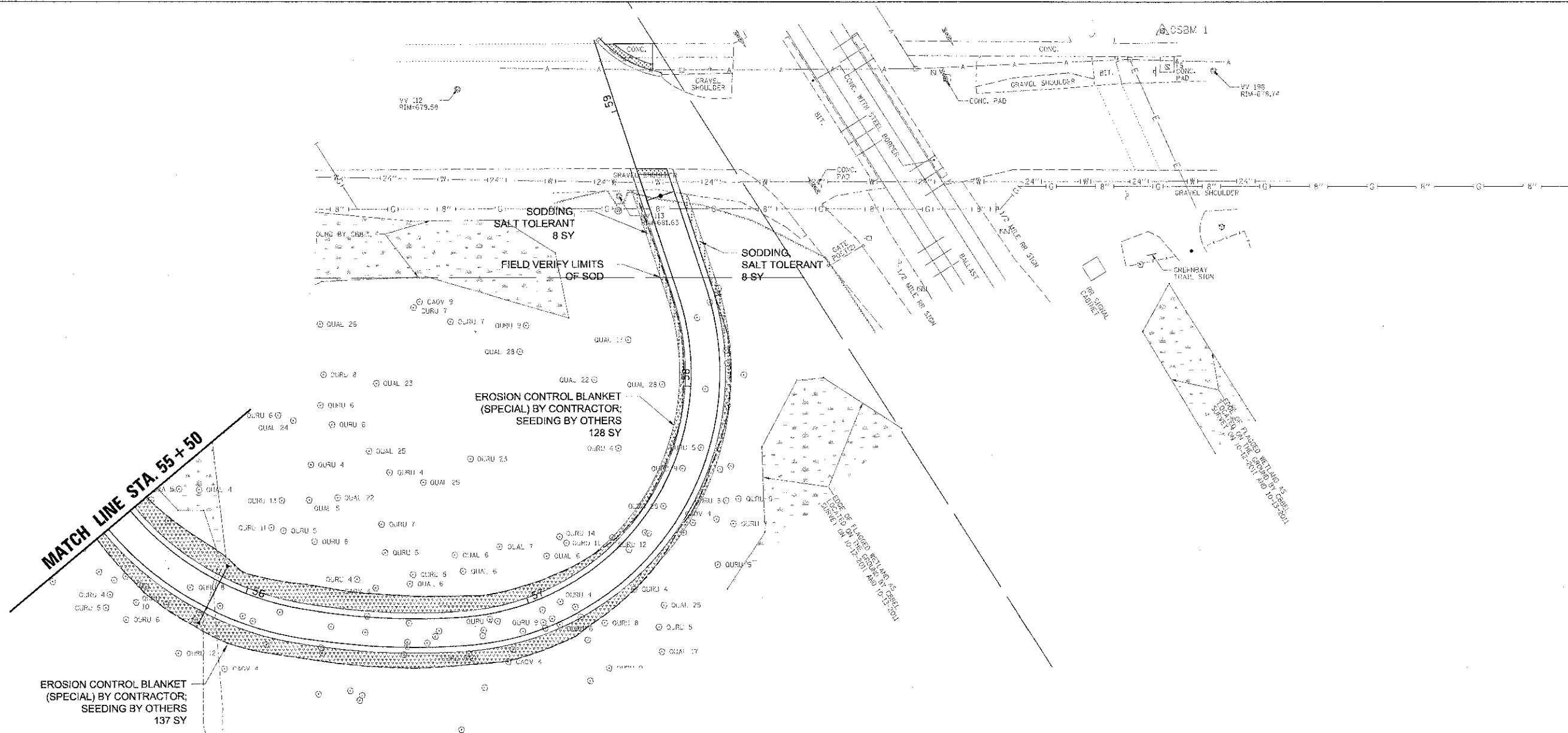


**LEGEND:**

- PROPOSED SHRUB (+) EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) (O) SODDING, SALT TOLERANT

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.

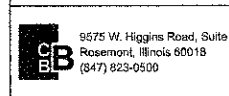
9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (647) 823-0500		USER NAME - mchomas	DESIGNED - MWJ	REVISED	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>LANDSCAPING PLANS</b>	F.A.L. RTE. 3726	SECTION 10-F3000-22-9T	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 52
		PLOT SCALE = 20'	CHECKED - MWJ	REVISED			SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
FILE NAME = LAN_110459_03.SHT		PLOT DATE = 4/11/2013	DATE = 4/11/13	REVISED							



**LEGEND:**

- PROPOSED SHRUB EROSION CONTROL BLANKET (SPECIAL) BY CONTRACTOR; SEEDING BY OTHERS
- EXISTING TREE (SEE TREE PRESERVATION AND REMOVAL PLANS) SODDING, SALT TOLERANT

NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE SEEDING PHASE OF THE PROJECT. IMMEDIATELY AFTER SEEDING (BY OWNER) THE CONTRACTOR SHALL INSTALL THE EROSION CONTROL BLANKET (SPECIAL). SEE SPECIFICATIONS FOR MORE INFORMATION.



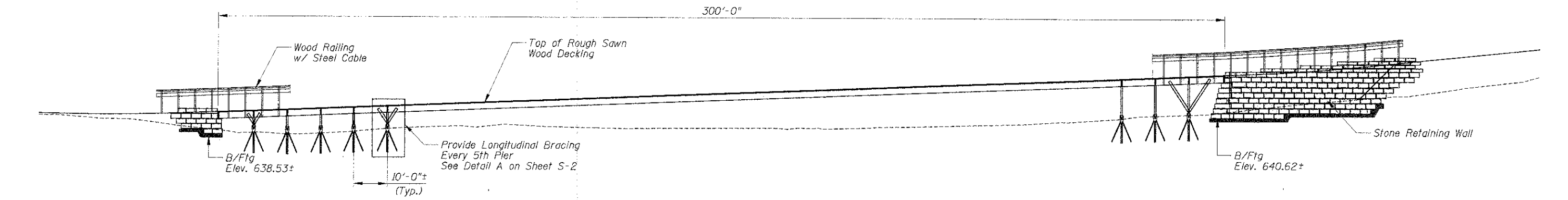
USDR NUMBER	DESIGNED - MWJ
PLOT SCALE = 20'	DRAWN - PJH
PLOT DATE = 4/11/2013	CHECKED - MWJ
	DATE - 4/11/13

REVISED -
REVISED -
REVISED -
REVISED -

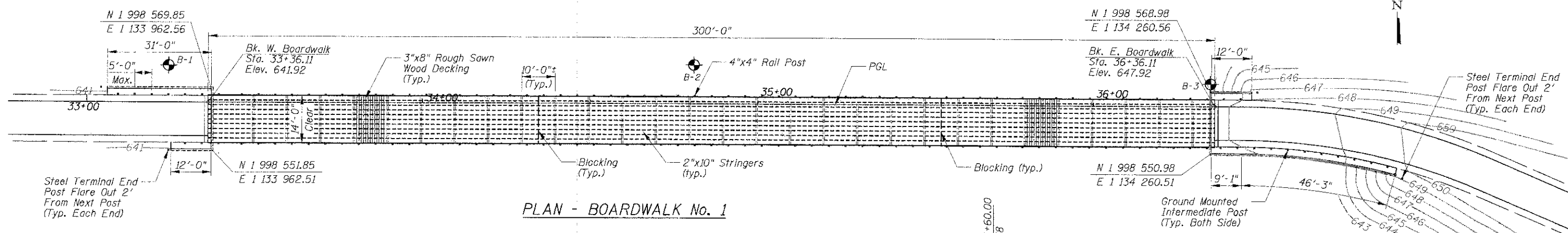
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
LANDSCAPING PLANS**

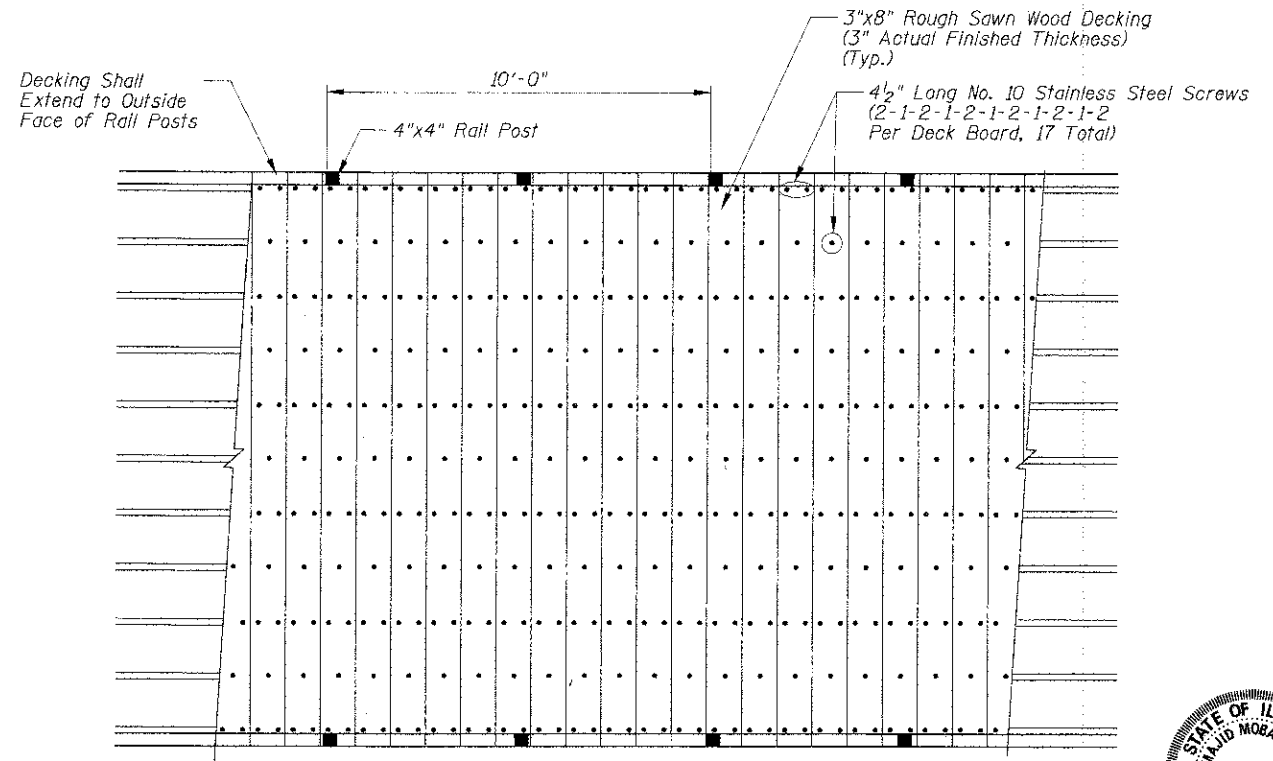
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK/LAKE	89	53
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



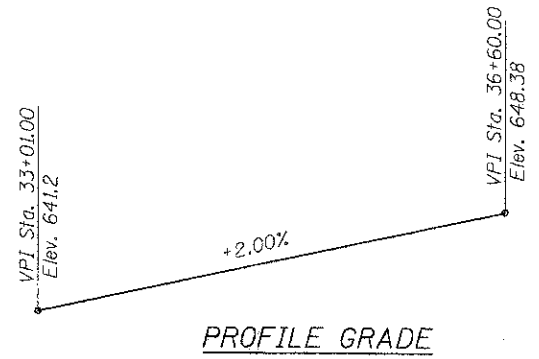
ELEVATION - BOARDWALK No. 1



PLAN - BOARDWALK No. 1



BOARDWALK DECKING PLAN



DESIGN SPECIFICATIONS

2012 AASHTO Bridge Design Specifications, 6th Edition, with 2012 Interims and 2009 LRFD Guide Specifications for the Design of Pedestrian Bridge.

Uniform Loading of 90 PSF  
No Vehicular Loading

I Certify That To The Best Of My Knowledge, Information And Belief, This Bridge Design Is Structurally Adequate For The Design Loading Shown On The Plans, And Complies With Requirements Of The Contract And The Current "Guide Specification For Design Of Pedestrian Bridge".



*Majid Mobasser* 4/11/13  
**MAJID MOBASSERI**  
 ILLINOIS REGISTRATION No. 081-005058 STRUCTURAL ENGINEER  
 EXPIRATION DATE: 11/30/14

SUMMARY OF QUANTITIES  
BOARDWALK No. 1

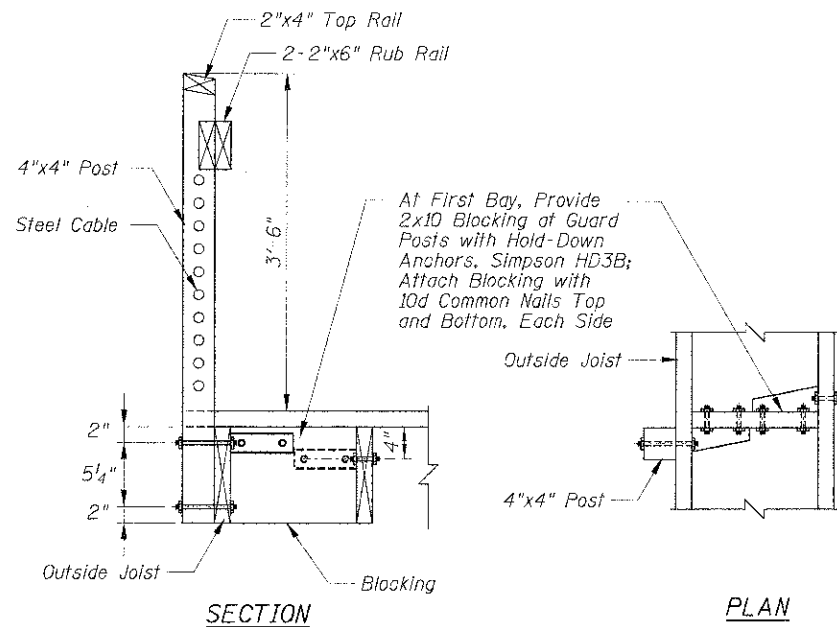
ITEM	UNIT	QUANTITY
BOARDWALK STRUCTURE	Sq. Ft.	4500
STONE RETAINING WALL	Sq. Ft.	860

NOTES:

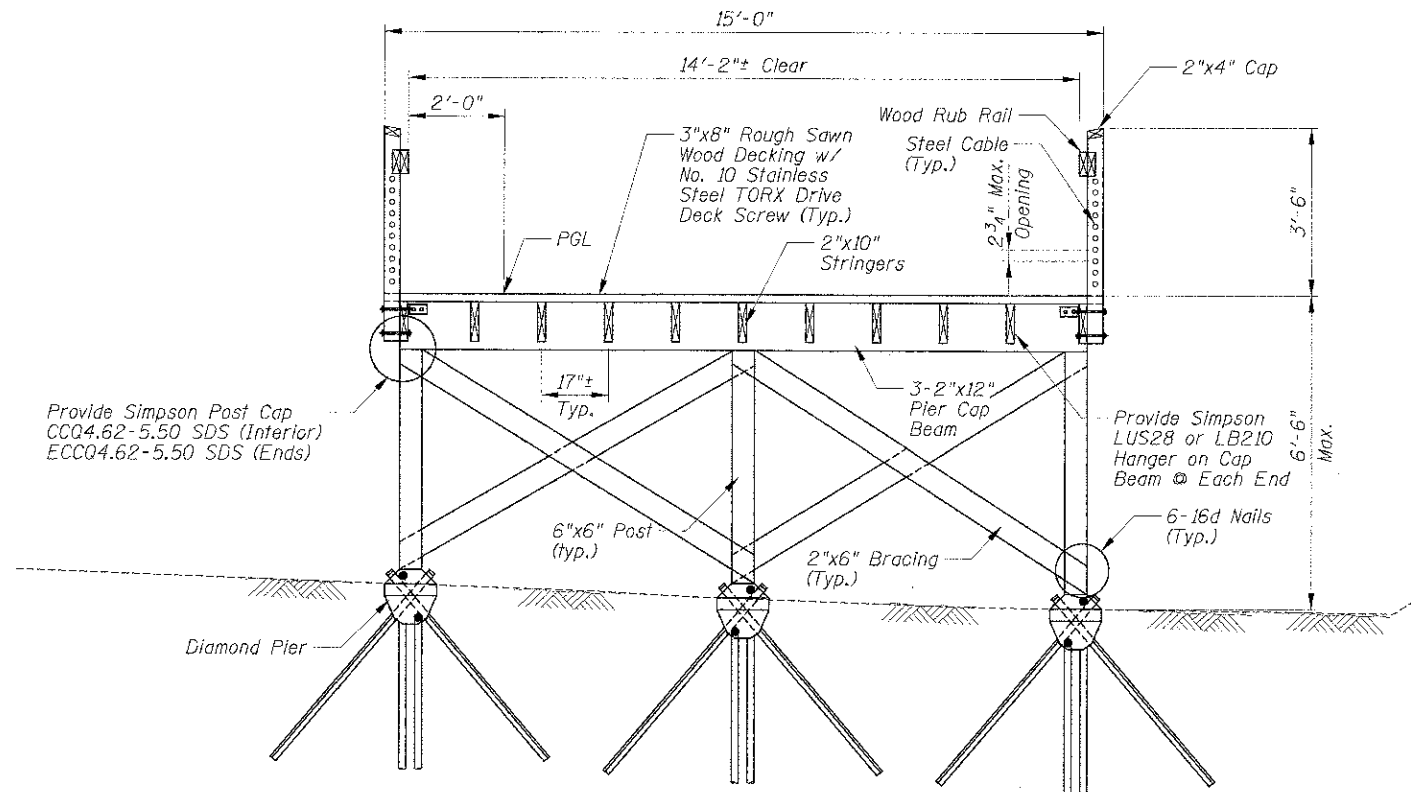
- The Rub Rail and Cap Rail Shall Be Installed Before Tensioning The Cable Rails.
- The Top and Bottom of Pier Post Shall Be Covered With An Epoxy Glue To Prevent Water Absorption.
- The Diamond Piers Shall Be Designed For The Following Loads:  
 Max. Vertical Load = 10,000 lb  
 Lateral Load = 1,150 lb  
 Uplift = 600 lb
- Provide 2x10 Blocking For Joists At The Center of Each Span.
- Final Placement of Stones To Be Approved By Landscape Architect in Field.
- Stones Shall Have No Exposed Saw Cuts.
- Stone Retaining Wall Shall Have 6H:IV Batter on Exposed Face.

DECKING:

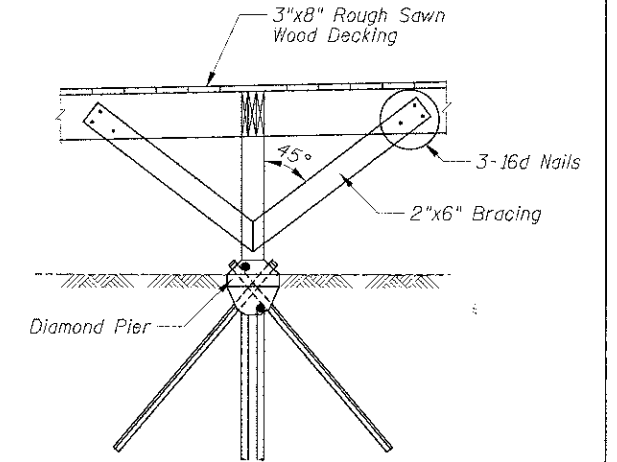
- Decking Shall Be Butted Tightly Board To Board To Allow For Board Shrinkage After Deck Construction.
- Decking To Be Attached With 305 Stainless Steel or Better Screw Recessed 1/8" Below Deck Surface.
- No Splices Shall Be Allowed For Bridge Decking.



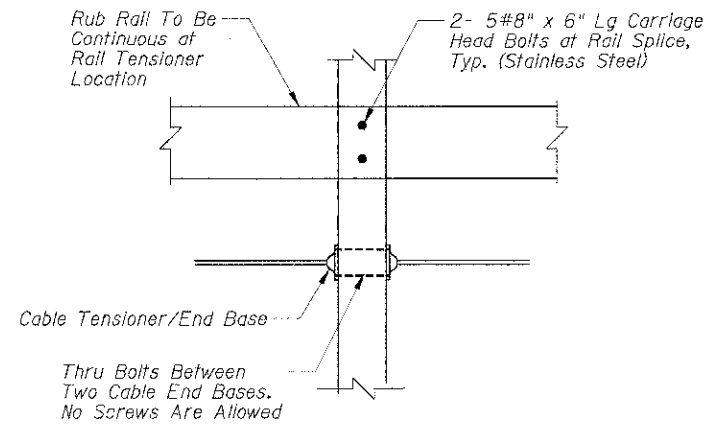
**RAILING DETAIL**



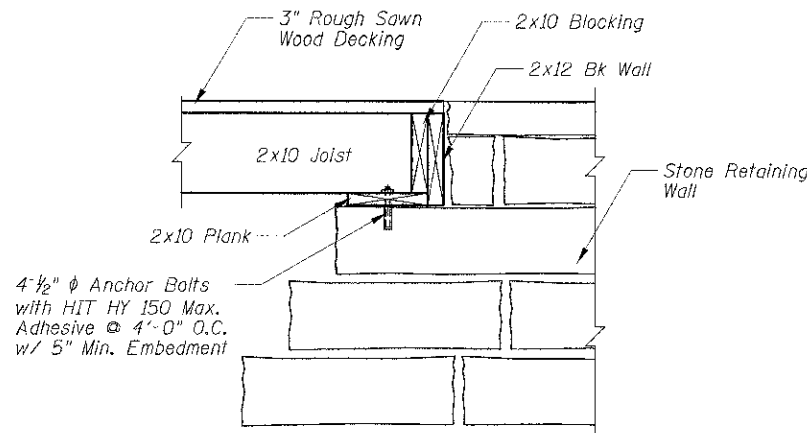
**TYPICAL CROSS SECTION**  
(Cross Bracing At Every 3rd Pier)



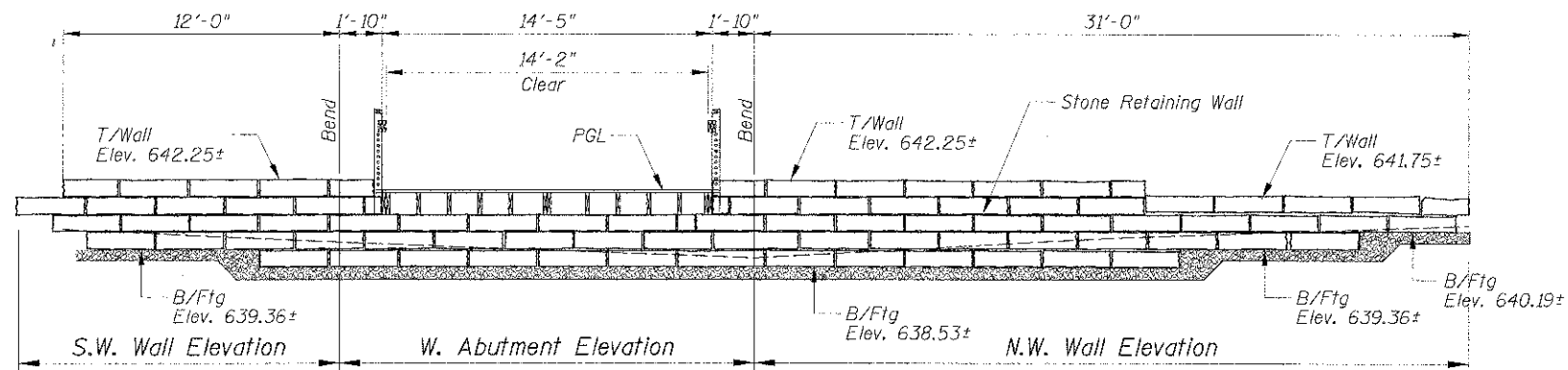
**DETAIL A**  
(Every 5th Pier)



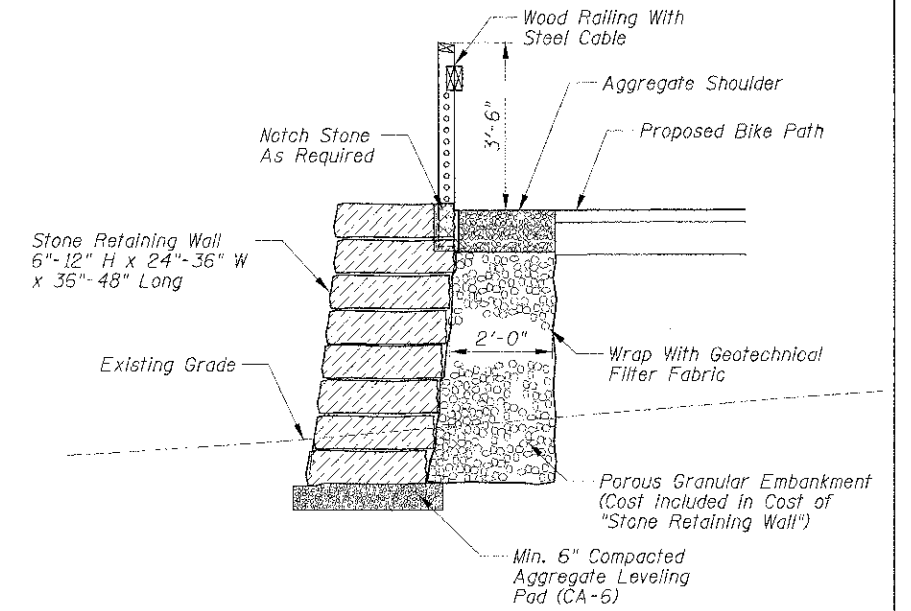
**RAIL TENSIONER DETAIL**



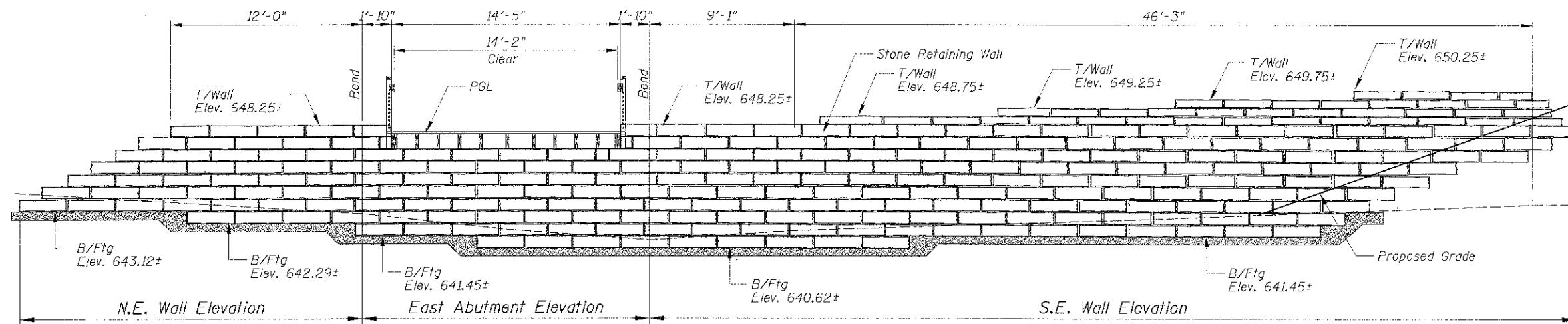
**ABUTMENT DETAIL**



**DEVELOPED ELEVATION OF STONE RETAINING WALL  
PROPOSED BOARDWALK STRUCTURE No. 1 - W. ABUTMENT**  
(Railings Omitted For Clarity)



**TYPICAL SECTION AT STONE RETAINING WALL**



**DEVELOPED ELEVATION OF STONE RETAINING WALL  
PROPOSED BOARDWALK STRUCTURE No. 1 - E. ABUTMENT**  
(Railings Omitted For Clarity)

**NOTES:**

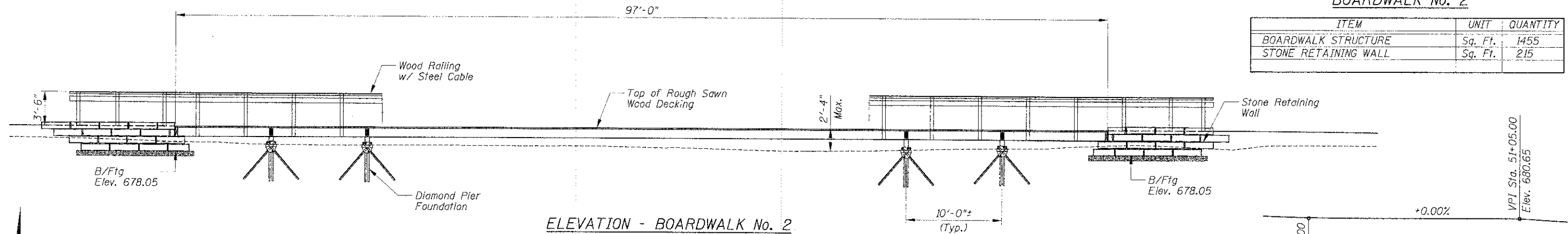
1. Final Placement of Stones to be Approved by Landscape Architect in Field.
2. Stones Shall Have No Exposed Saw Cuts.
3. Stone Retaining Walls Shall Have 6H:1V Batter on Exposed Face.

9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 923-0500		USER NAME: rathorse	DESIGNED: MM	REVISED:	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>STONE RETAINING WALL (BOARDWALK No. 1)</b> <b>ELEVATIONS - STONE RETAINING WALL</b>	F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 56
		PLOT SCALE: 1" = 4' N.T.S. PLOT DATE: 4/11/13	DRAWN: PDR CHECKED: MM DATE: 4/11/13	REVISED: REVISED: REVISED:			SCALE: N.T.S. SHEET NO. S-3 OF S-8 SHEETS STA. 33+36.11 TO STA. 36+36.11	CONTRACT NO. 63781 ILLINOIS FED. AID PROJECT			

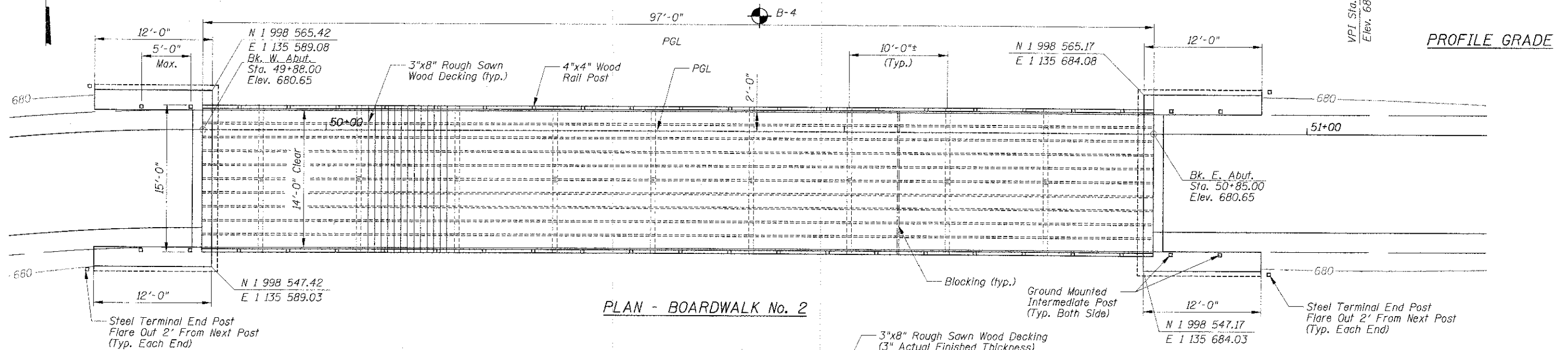


**SUMMARY OF QUANTITIES**  
**BOARDWALK No. 2**

ITEM	UNIT	QUANTITY
BOARDWALK STRUCTURE	Sq. Ft.	1455
STONE RETAINING WALL	Sq. Ft.	215



**ELEVATION - BOARDWALK No. 2**



**PLAN - BOARDWALK No. 2**

**DESIGN SPECIFICATIONS**

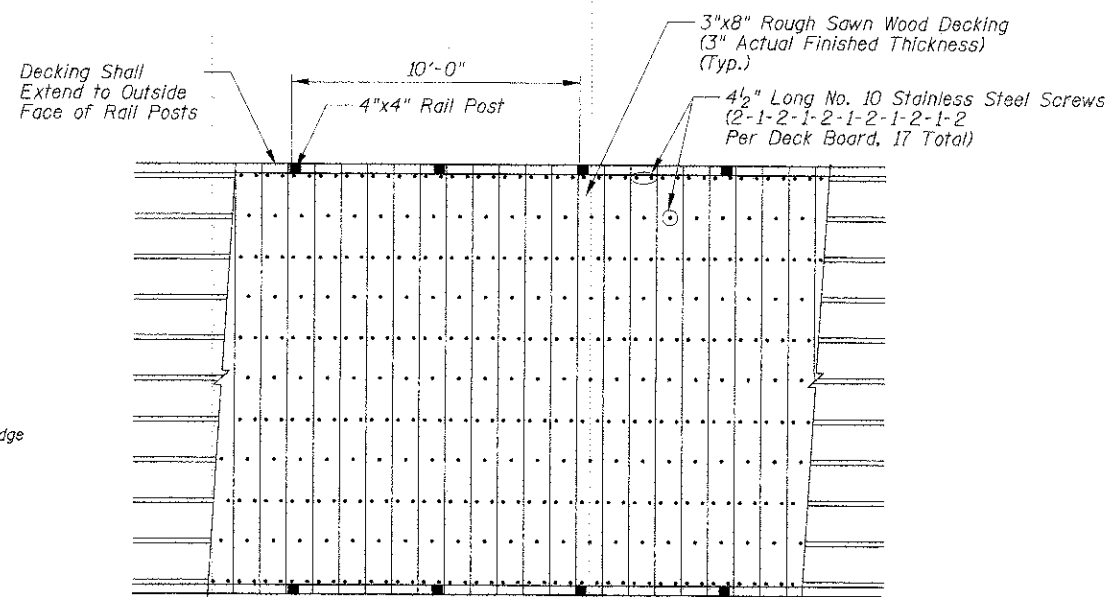
2012 AASHTO Bridge Design Specifications, 6th Edition, with 2012 Interims and 2009 LRFD Guide Specifications for the Design of Pedestrian Bridge.

Uniform Loading of 90 PSF  
No Vehicular Loading

I Certify That To The Best Of My Knowledge, Information And Belief, This Bridge Design Is Structurally Adequate For The Design Loading Shown On The Plans, And Complies With Requirements Of The Contract And The Current "Guide Specification For Design Of Pedestrian Bridge".

*Majid Mobasser* 4/11/13  
**MAJID MOBASSERI**

ILLINOIS REGISTRATION No. 081-005058 STRUCTURAL ENGINEER  
EXPIRATION DATE: 11/30/14



**BOARDWALK DECKING PLAN**

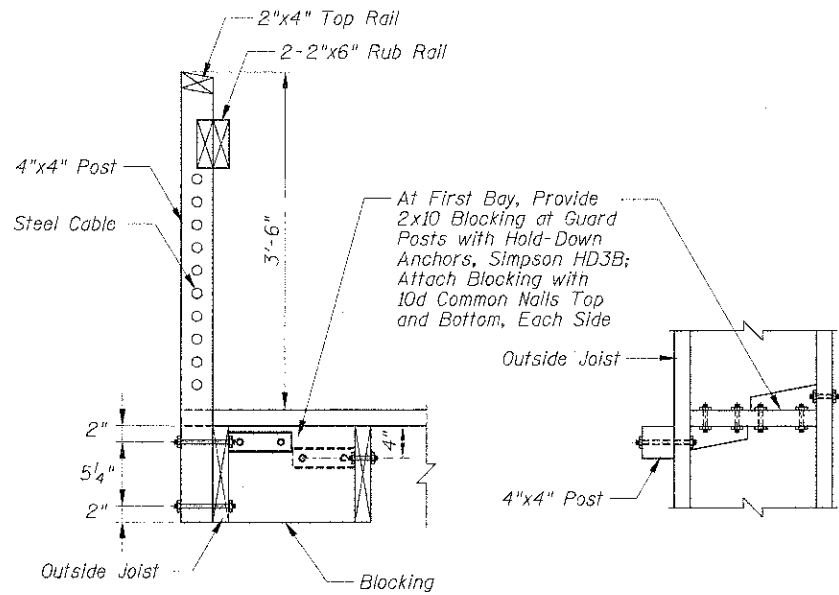
**NOTES:**

- The Rub Rail and Cap Rail Shall Be Installed Before Tensioning The Cable Rails.
- The Top and Bottom of Pier Post Shall Be Covered With An Epoxy Glue To Prevent Water Absorption.
- The Diamond Piers Shall Be Designed For The Following Loads:  
Max. Vertical Load = 10,000 lb  
Lateral Load = 1,150 lb  
Uplift = 600 lb
- Provide Blocking For Joists At The Center of Each Span.
- Final Placement of Stones To Be Approved By Landscape Architect in Field.
- Stones Shall Have No Exposed Saw Cuts.
- Stone Retaining Wall Shall Have 6H:IV Batter on Exposed Face.

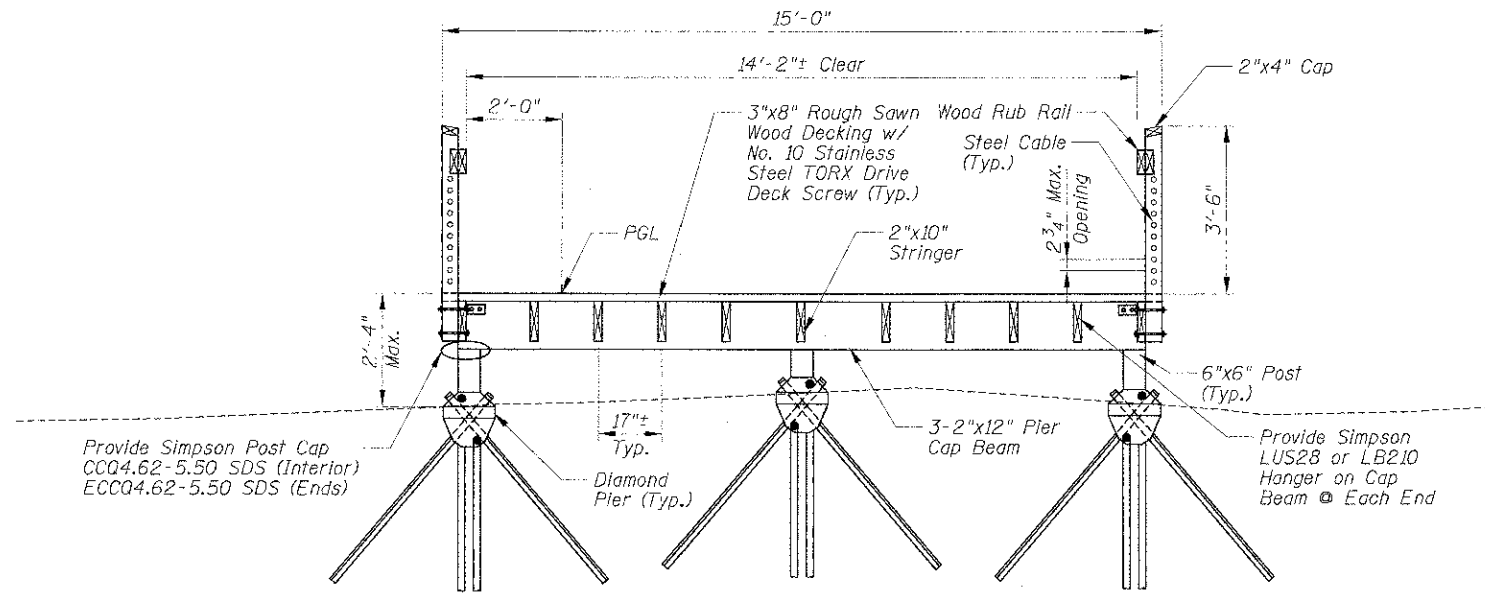
**DECKING:**

- Decking Shall Be Butted Tightly Board To Board To Allow For Board Shrinkage After Deck Construction.
- Decking To Be Attached With 305 Stainless Steel or Better Screw Recessed 1/8" Below Deck Surface.
- No Splices Shall Be Allowed For Bridge Decking.



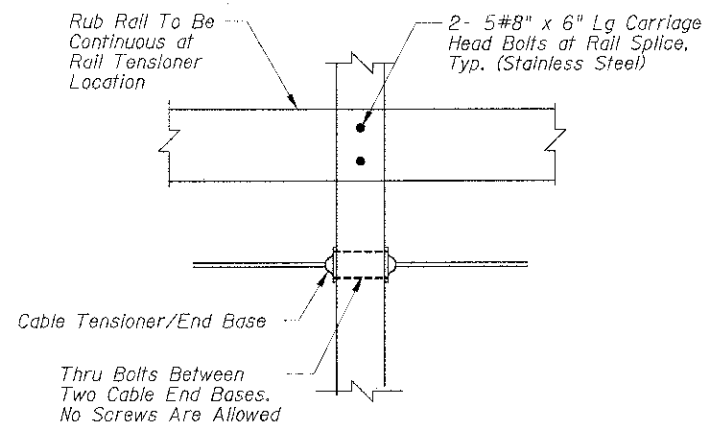


**RAILING DETAIL**

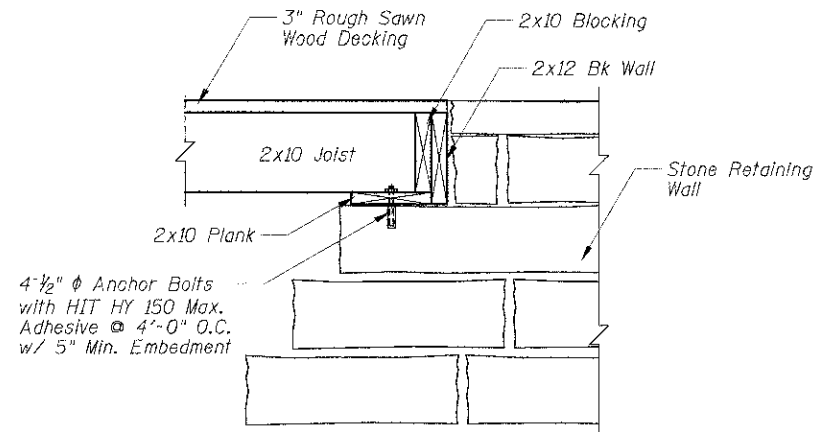


**TYPICAL CROSS SECTION**

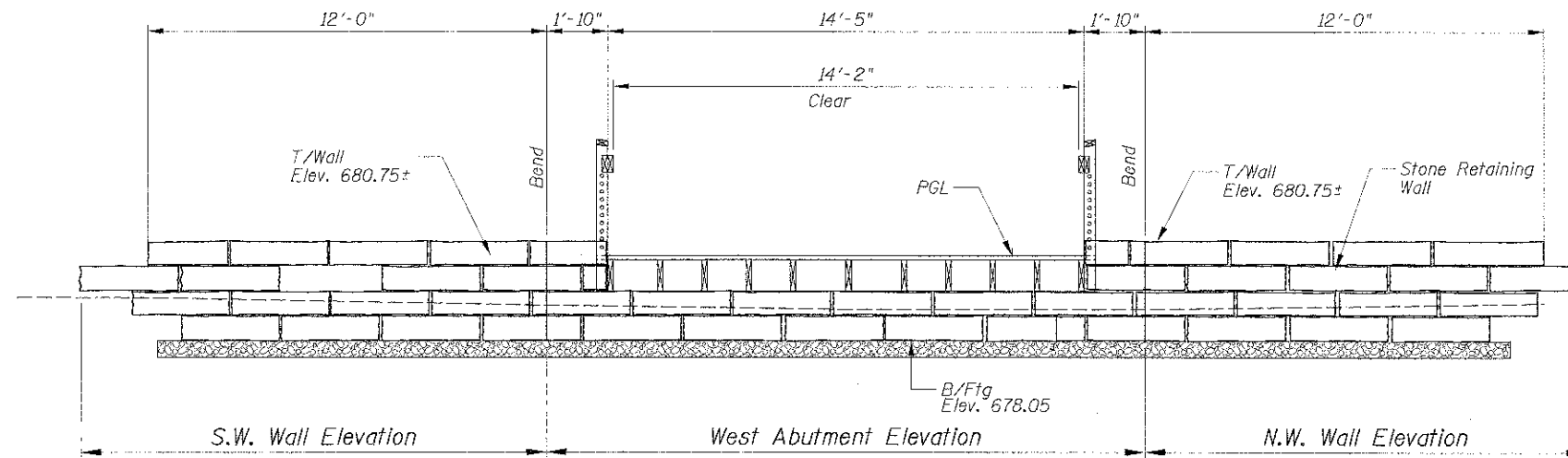
(Looking East)



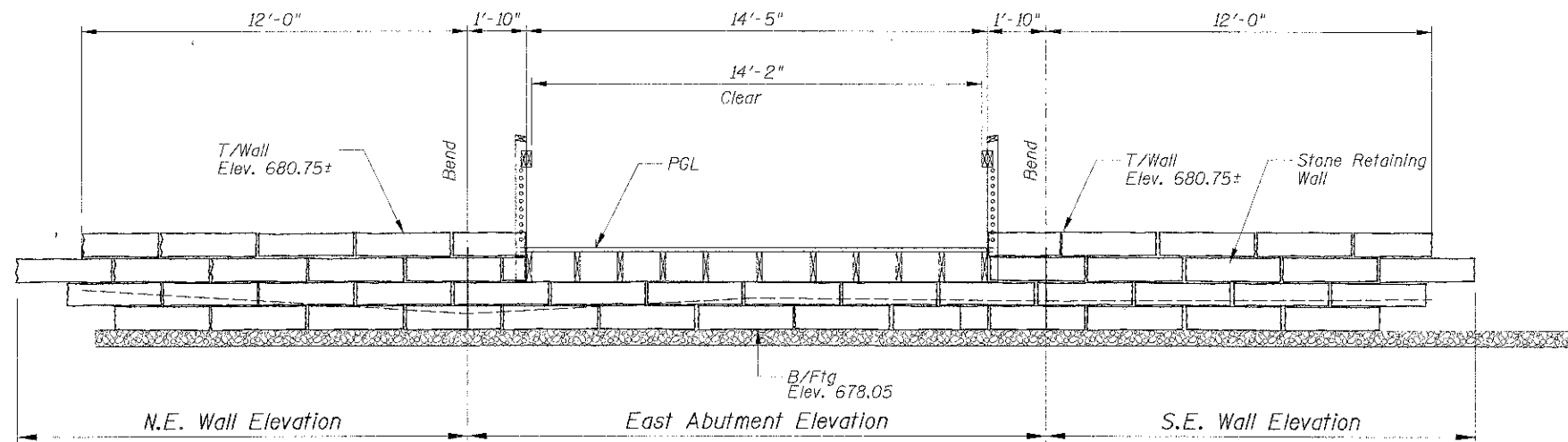
**RAIL TENSIONER DETAIL**



**ABUTMENT DETAIL**



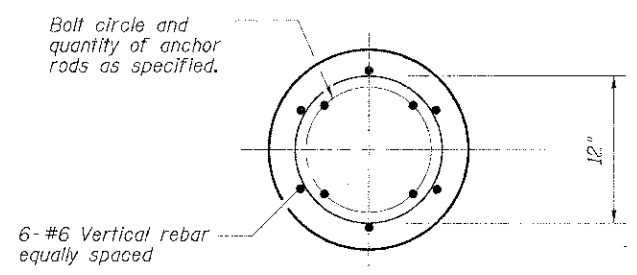
DEVELOPED ELEVATION OF STONE RETAINING WALL  
PROPOSED BOARDWALK STRUCTURE No. 2 - W. ABUTMENT  
 (Railings Omitted For Clarity)



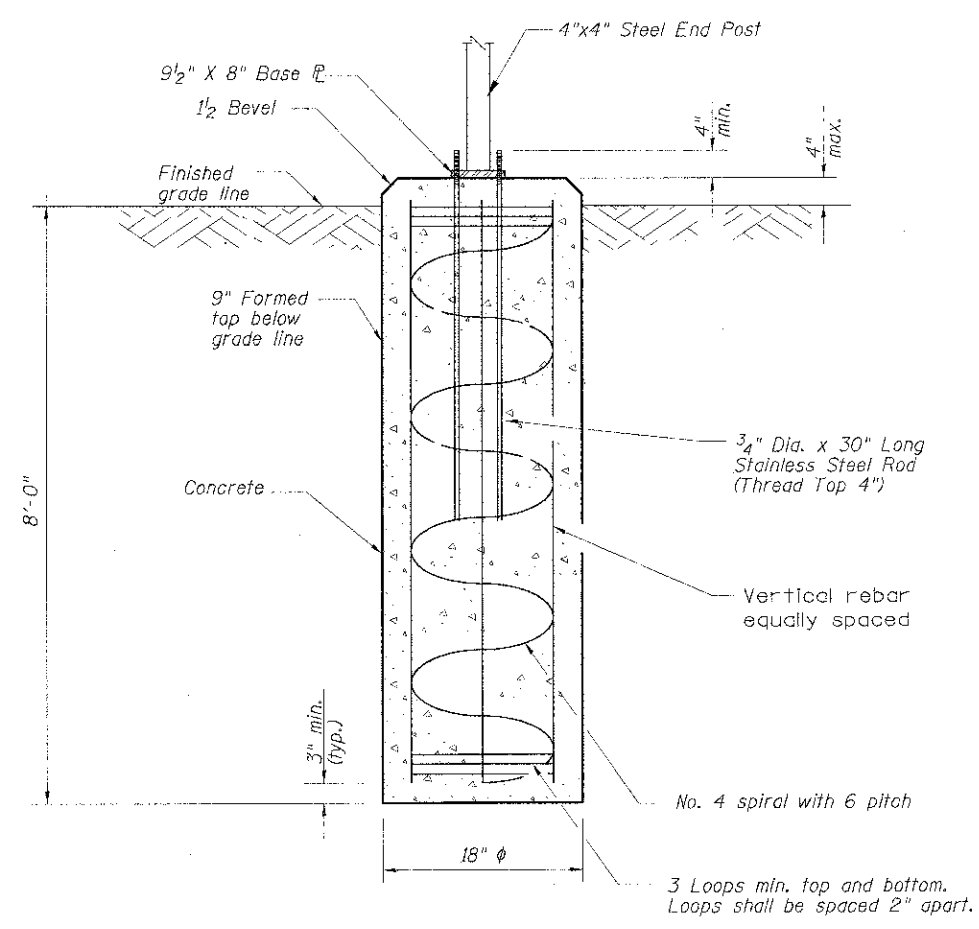
DEVELOPED ELEVATION OF STONE RETAINING WALL  
PROPOSED BOARDWALK STRUCTURE No. 2 - E. ABUTMENT  
 (Railings Omitted For Clarity)

NOTES:

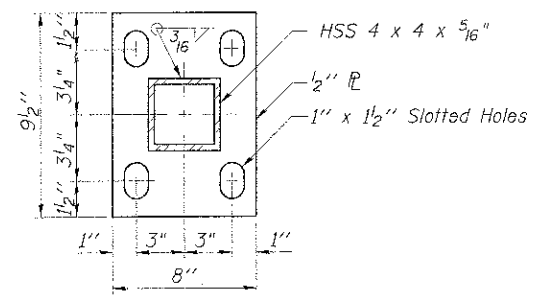
1. Final Placement of Stones to be Approved by Landscape Architect in Field.
2. Stones Shall Have No Exposed Saw Cuts.
3. Stone retaining Walls Shall Have Minimum 6:1 Batter on Exposed Face.



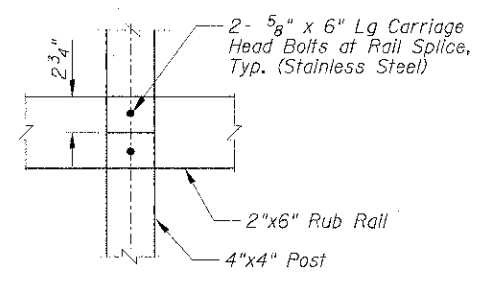
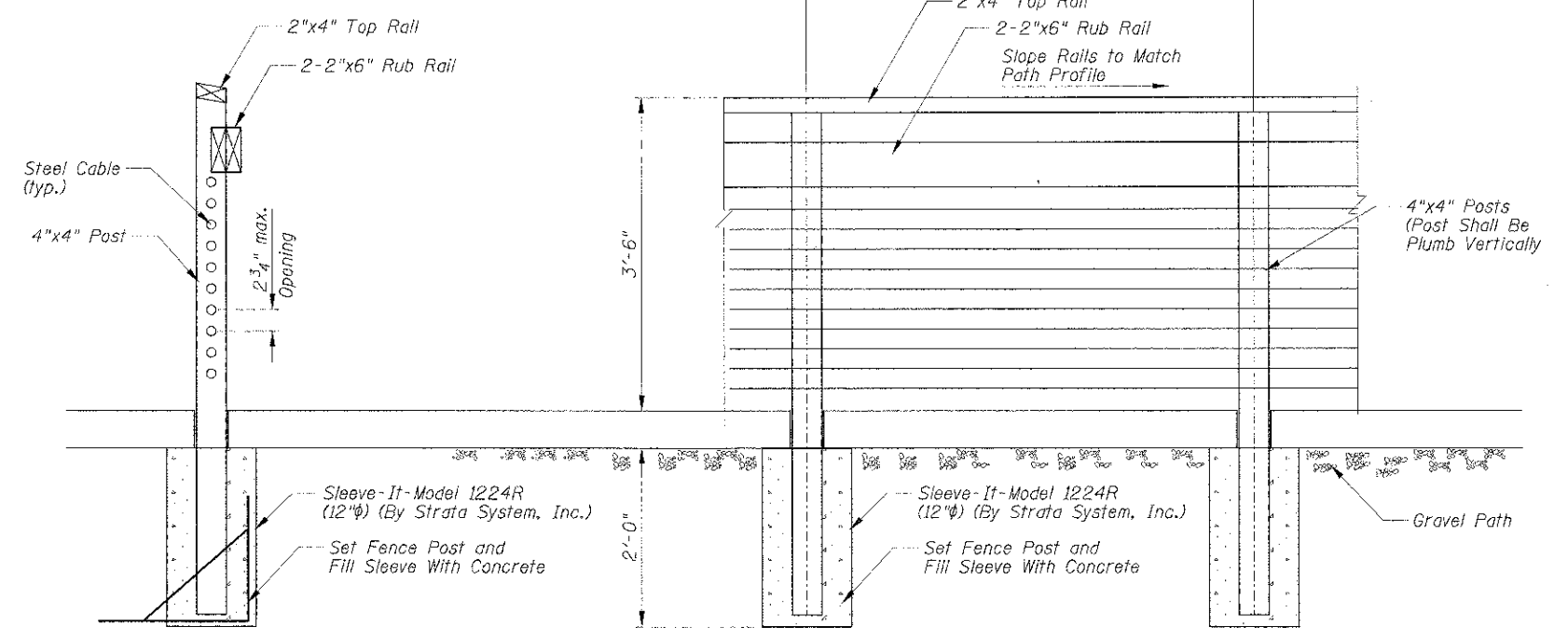
TOP VIEW



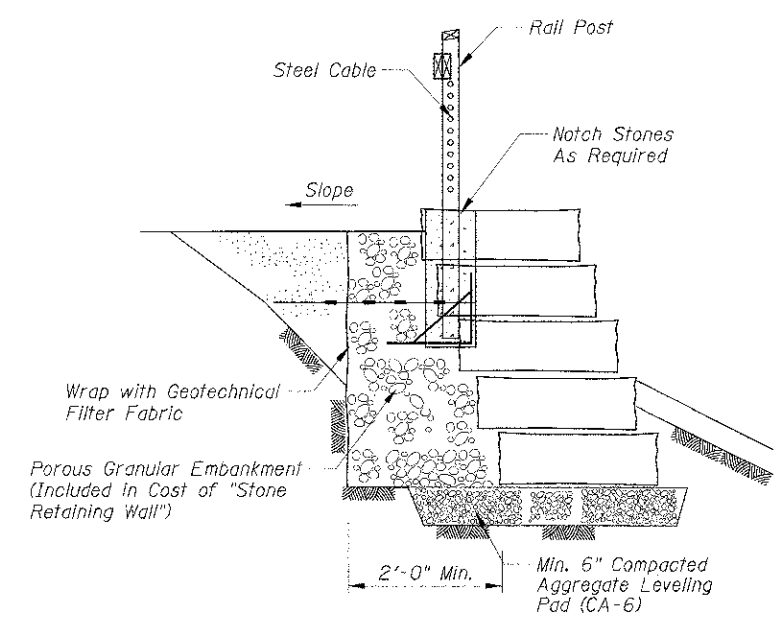
TERMINAL POST CONCRETE FOUNDATION



BASE  $\phi$  FOR END TERMINAL POST

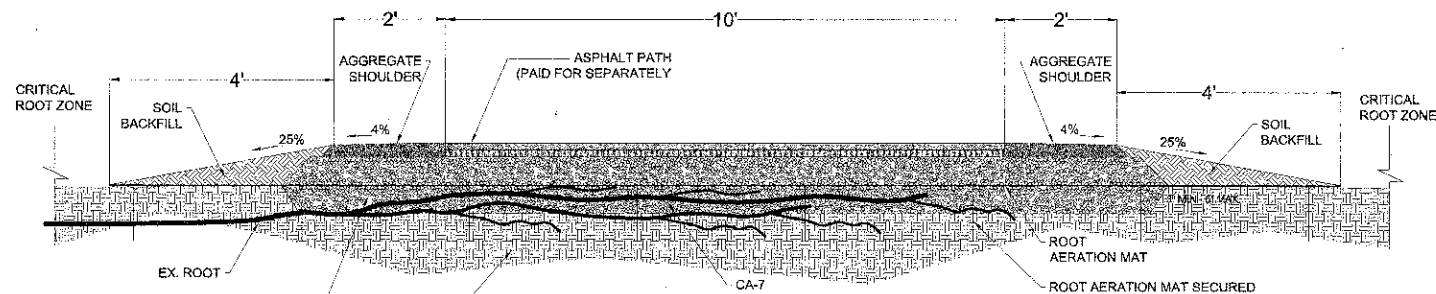


RUB RAIL TO POST CONNECTION



GROUND MOUNTED INTERMEDIATE RAIL POST





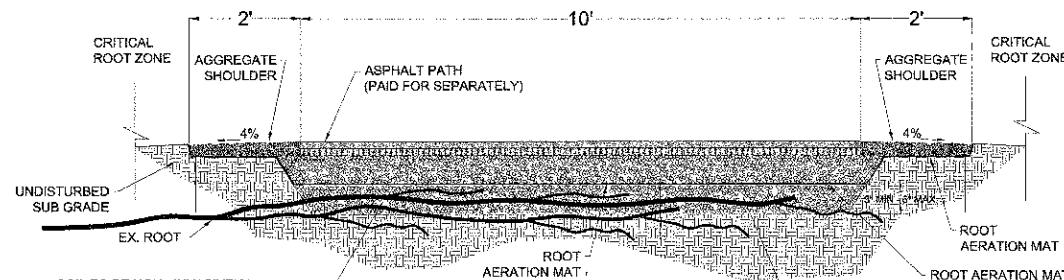
SOIL TO BE NON - INVASIVELY EXCAVATED WITH SUPERSONIC AIR TOOL TO ROOT DEPTH PRIOR TO ROOT AERATION MAT INSTALLATION

ALL TREE ROOT PROTECTION WORK MUST BE DONE UNDER THE DIRECTION OF A CERTIFIED ARBORIST

EXCAVATION TO BE DONE TO DEPTH DETERMINED BY A CERTIFIED ARBORIST. PRIOR TO THE INSTALLATION OF THE ROOT AERATION MATTING THE ARBORIST SHALL DO SELECTIVE ROOT PRUNING

ROOTS MUST NOT BE EXPOSED FOR LONGER THAN 6 HOURS.

**ENGINEERED BARRIER (PATH ABOVE GRADE)**



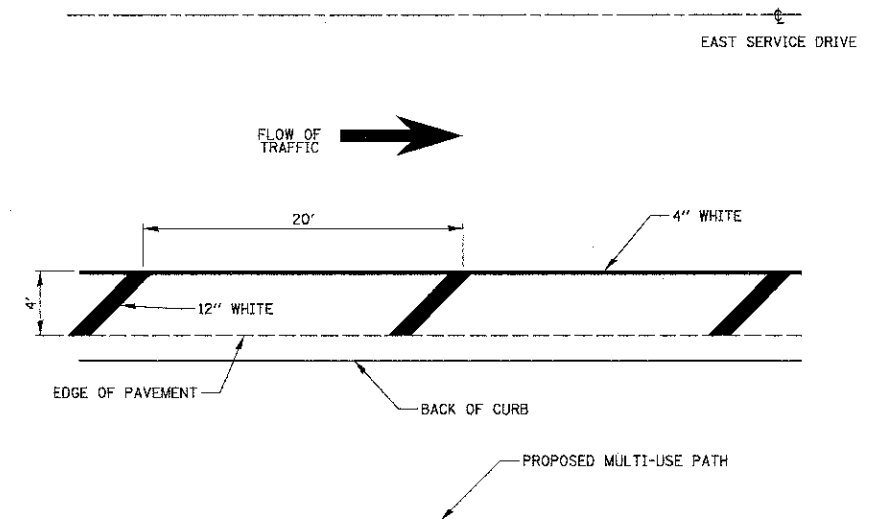
SOIL TO BE NON - INVASIVELY EXCAVATED WITH SUPERSONIC AIR TOOL TO ROOT DEPTH PRIOR TO ROOT AERATION MAT INSTALLATION

ALL TREE ROOT PROTECTION WORK MUST BE DONE UNDER THE DIRECTION OF A CERTIFIED ARBORIST

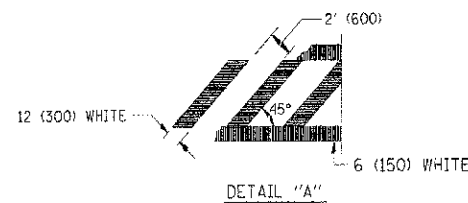
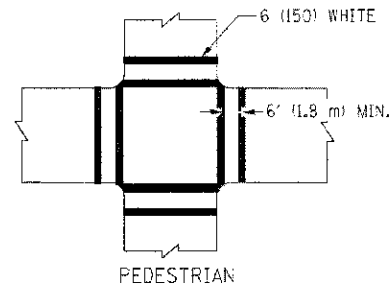
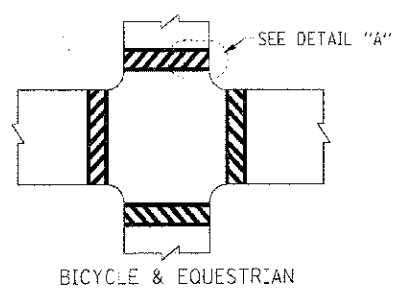
EXCAVATION TO BE DONE TO DEPTH DETERMINED BY A CERTIFIED ARBORIST. PRIOR TO THE INSTALLATION OF THE ROOT AERATION MATTING THE ARBORIST SHALL DO SELECTIVE ROOT PRUNING

ROOTS MUST NOT BE EXPOSED FOR LONGER THAN 6 HOURS.

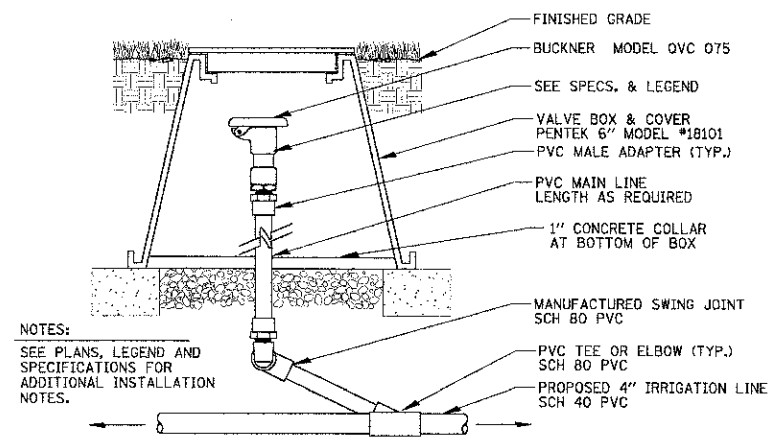
**ENGINEERED BARRIER (PATH AT OR BELOW GRADE)**



**EAST SERVICE DRIVE PAVEMENT MARKING**



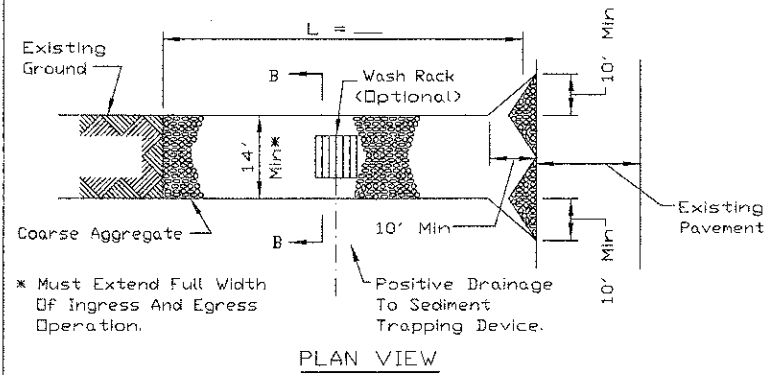
**TYPICAL CROSSWALK MARKING**



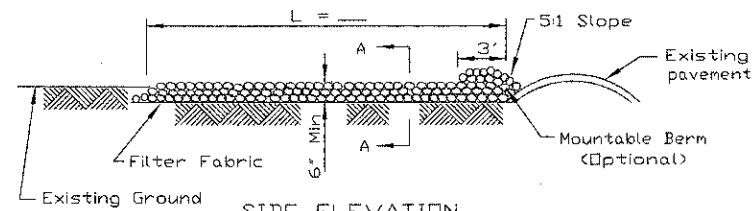
NOTES:  
SEE PLANS, LEGEND AND SPECIFICATIONS FOR ADDITIONAL INSTALLATION NOTES.

**QUICK COUPLING VALVE DETAIL**

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

NOTES:

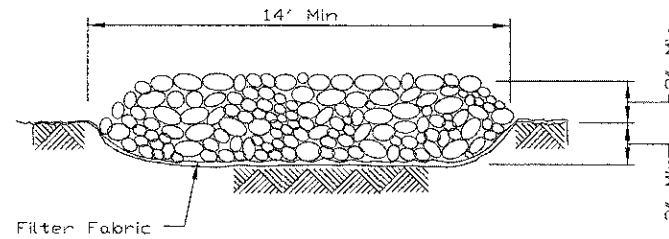
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

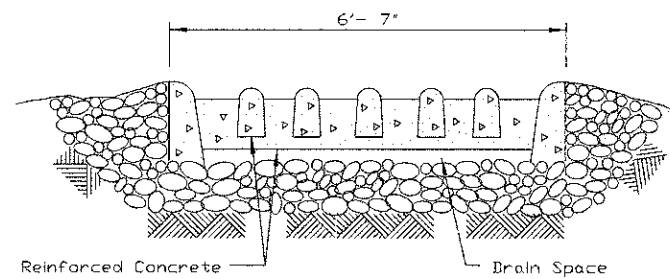


STANDARD DWG. NO.	IL-630
SHEET	1 OF 2
DATE	8-18-94

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A

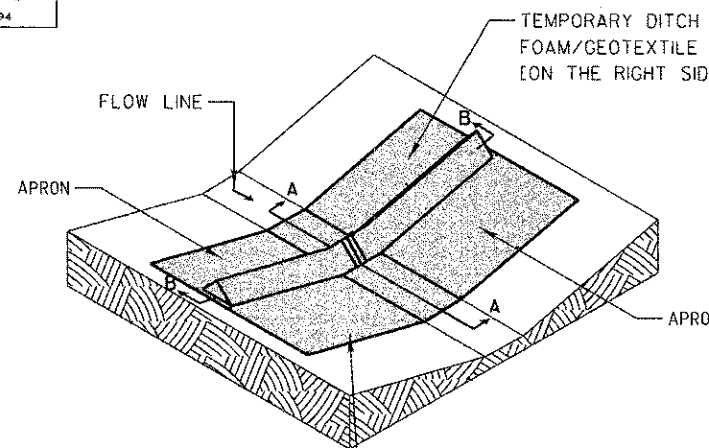


SECTION B-B

REFERENCE Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

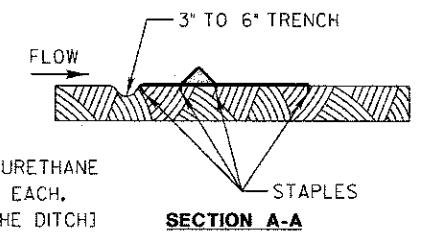


STANDARD DWG. NO.	IL-630
SHEET	2 OF 2
DATE	8-18-94

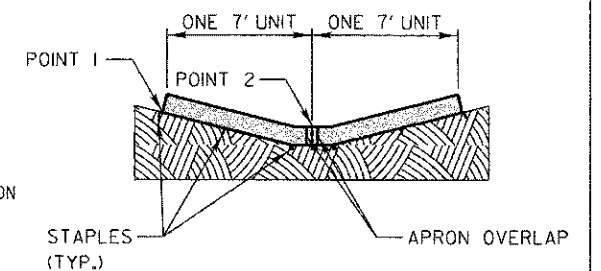


TEMPORARY DITCH CHECK, URETHANE FOAM/GEOTEXTILE (1) ONE EACH, [ON THE LEFT SIDE OF THE DITCH]

SILT DIKE UNIT ISOMETRIC



SECTION A-A

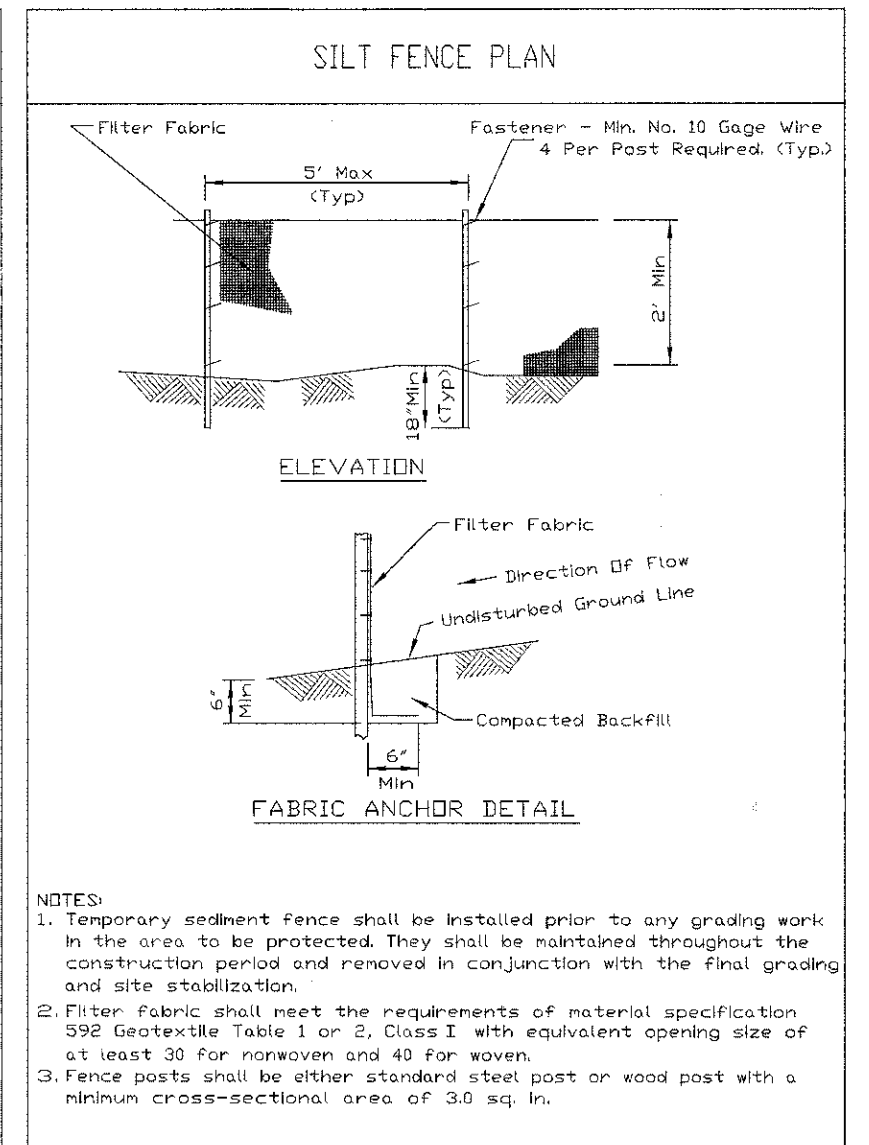
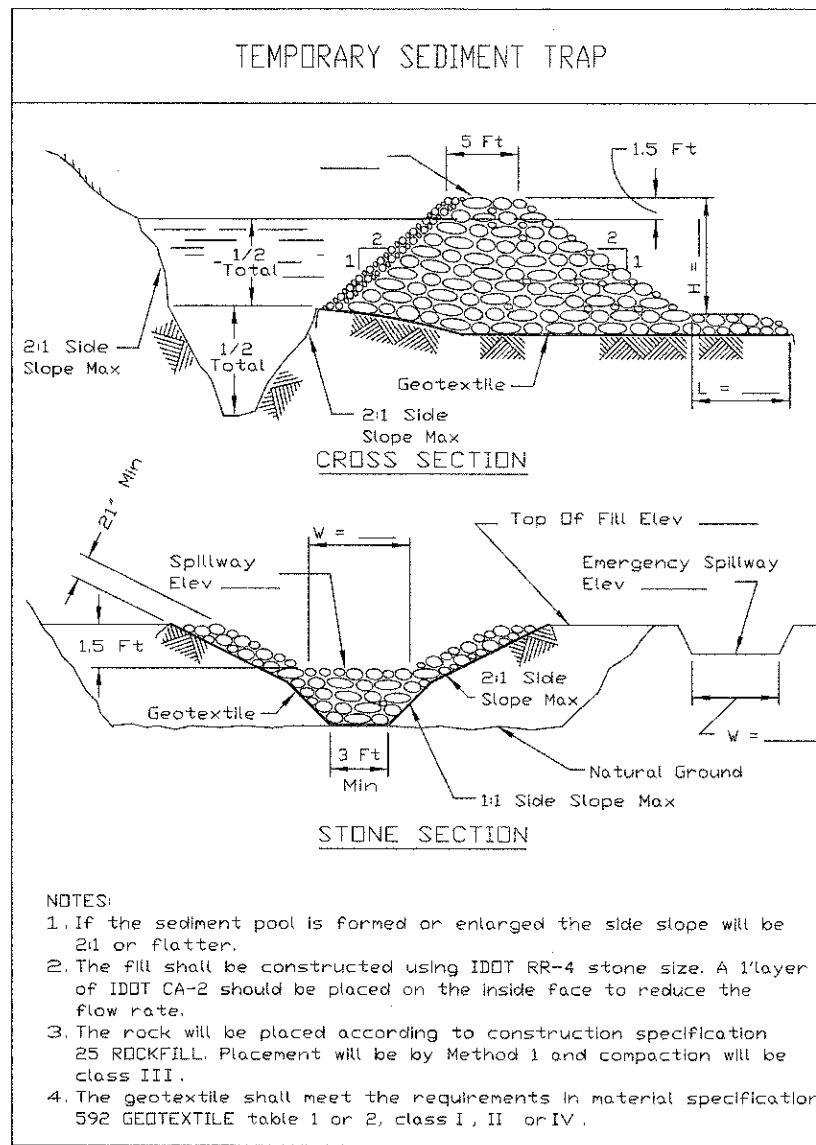
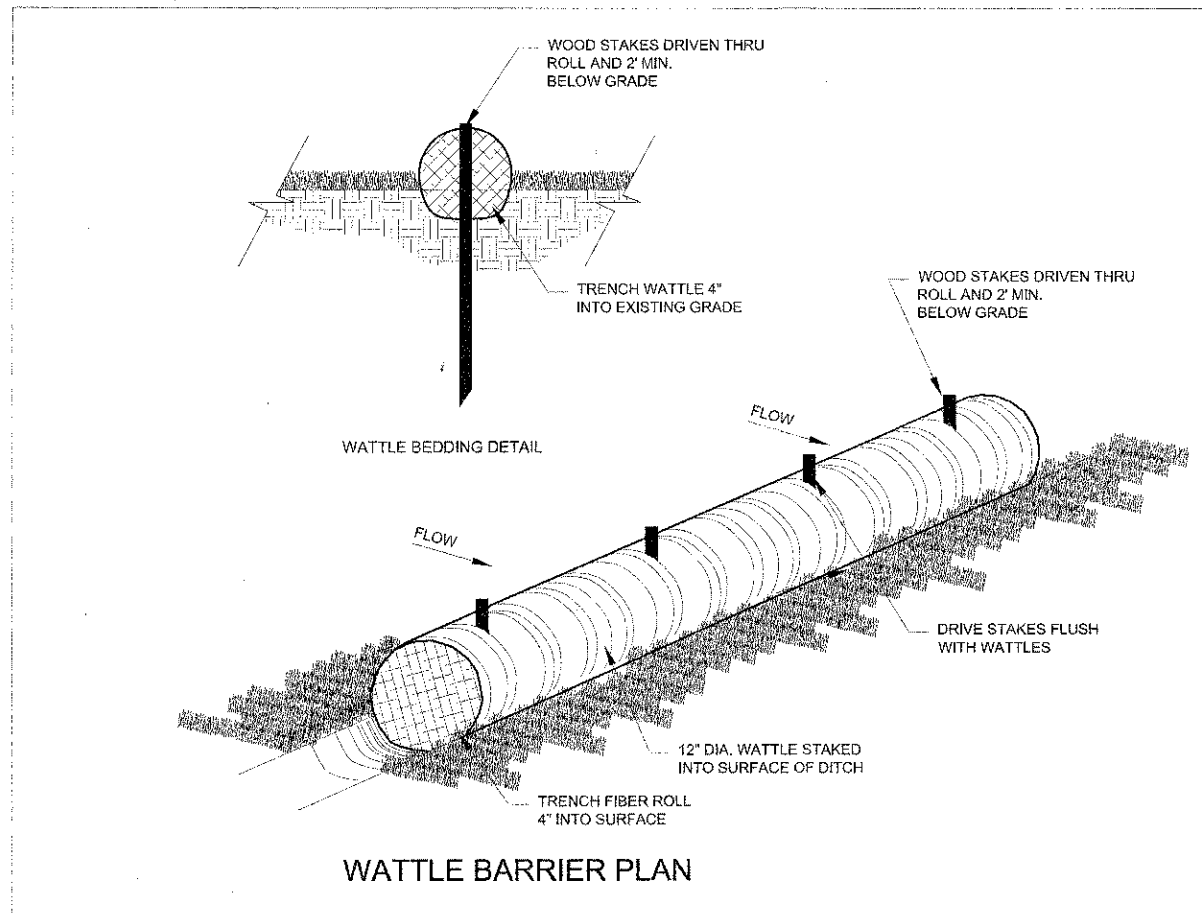


SECTION B-B

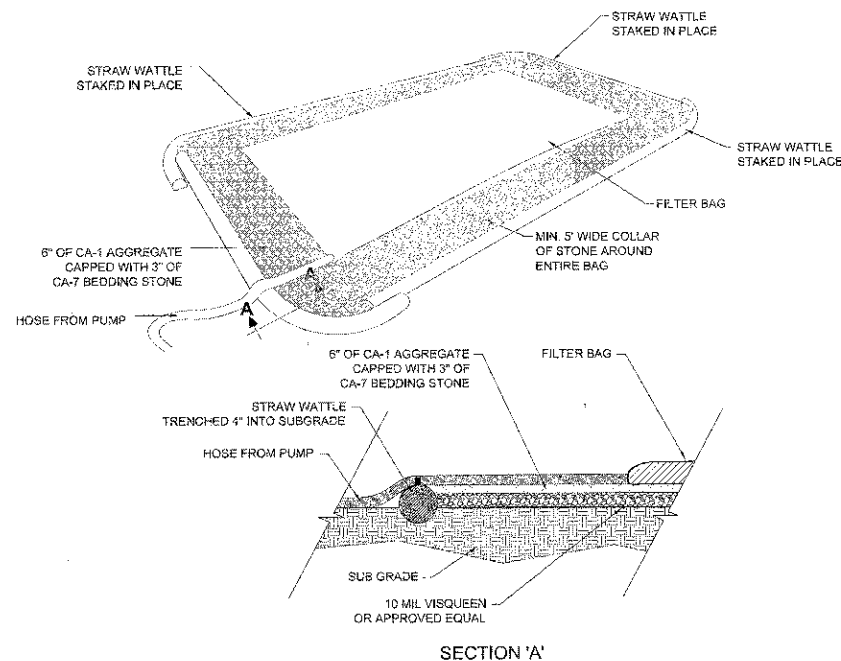
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

TEMPORARY DITCH CHECKS (SPECIAL)



**PERIMETER EROSION BARRIER, SPECIAL**

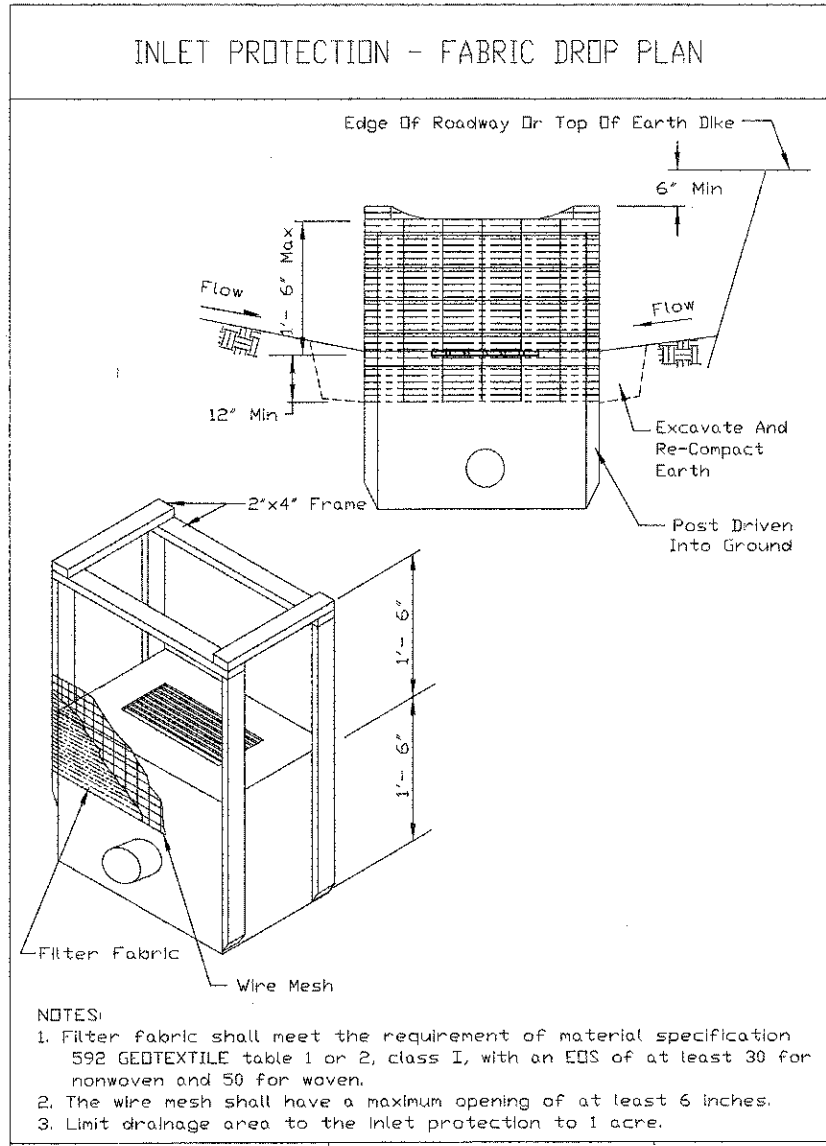


NOTES:  
 (1) ACTUAL SIZE AND LAYOUT DETERMINED IN THE FIELD  
 (2) PUMP INTAKE HEAD SHOULD BE FLOATED AT SURFACE OR PLACED IN A STABILIZED SUMP PIT

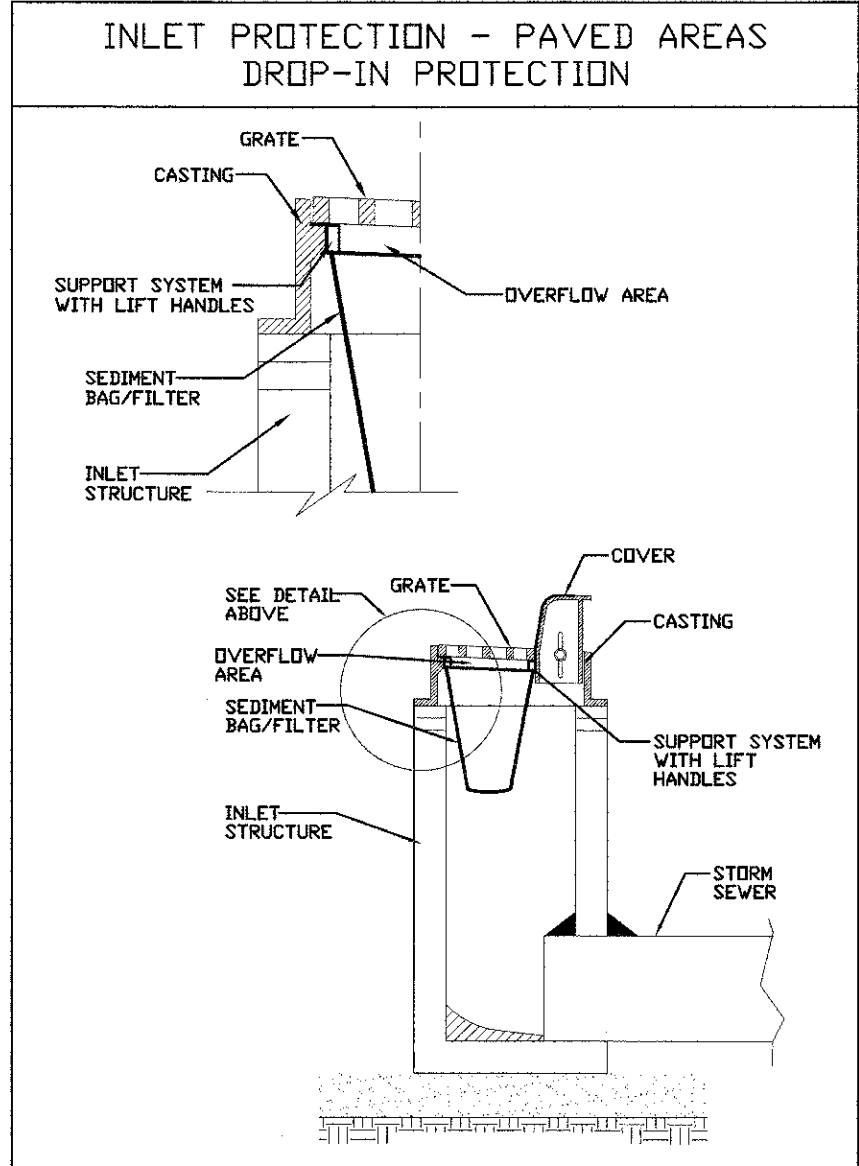
**DEWATERING FILTER PAD**

**PERIMETER EROSION BARRIER**

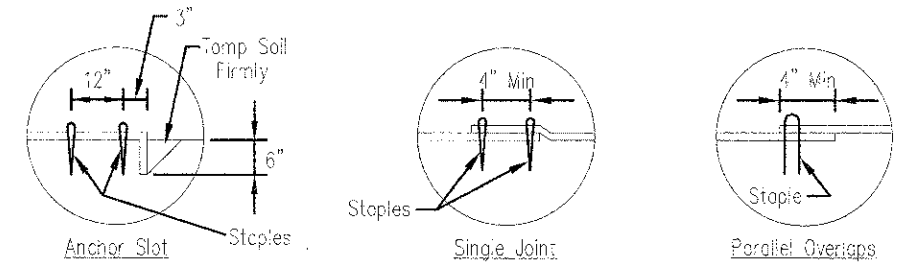
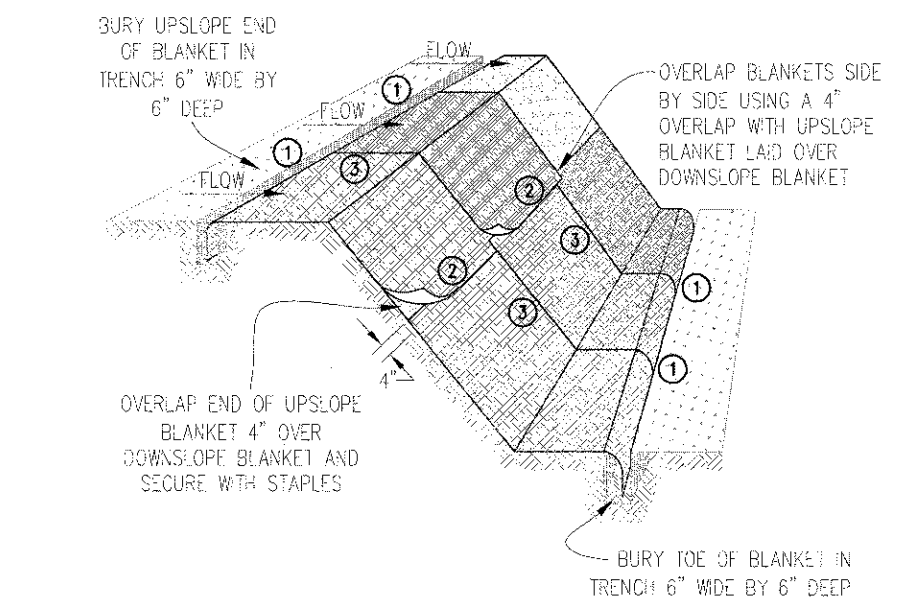
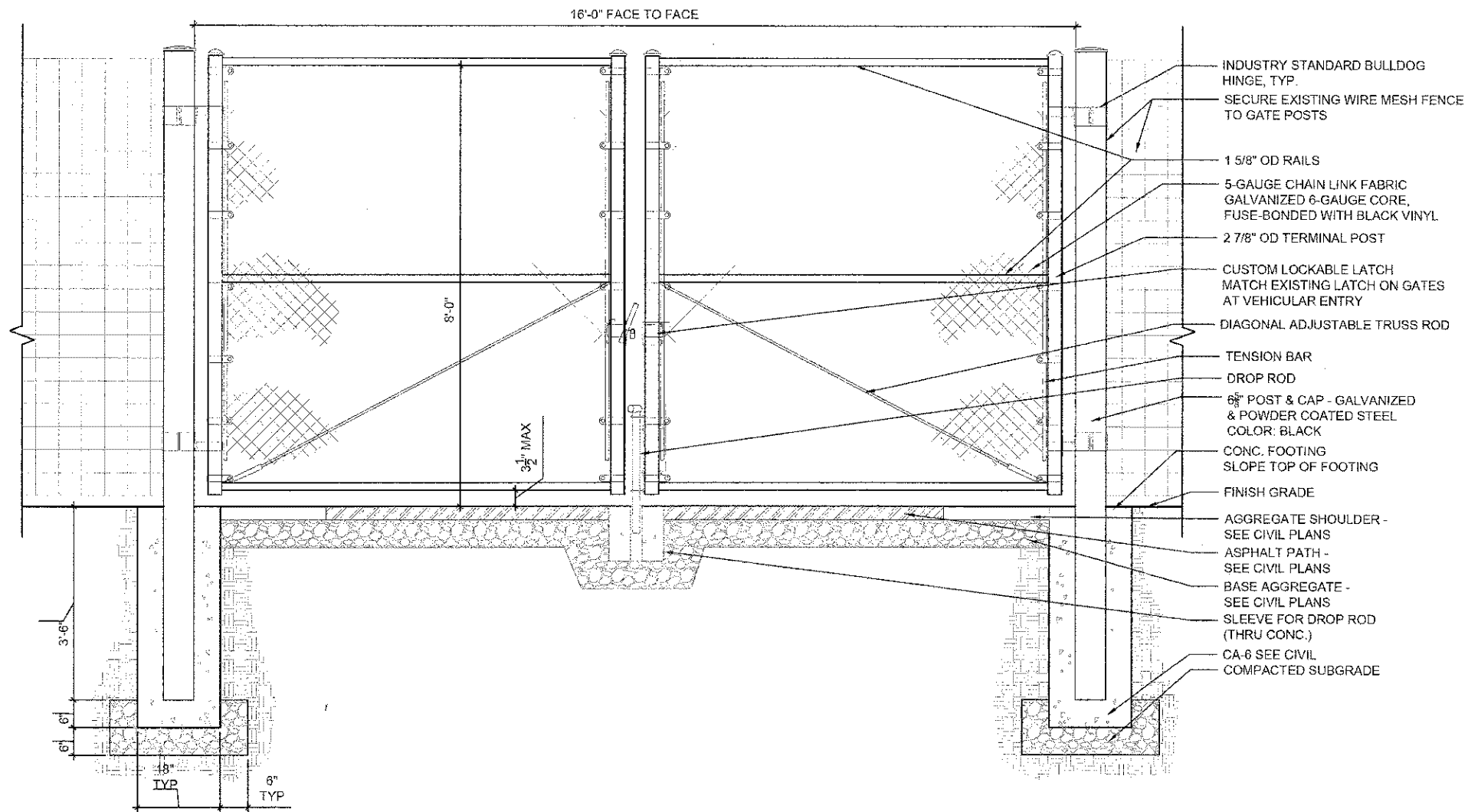




**INLET AND PIPE PROTECTION**

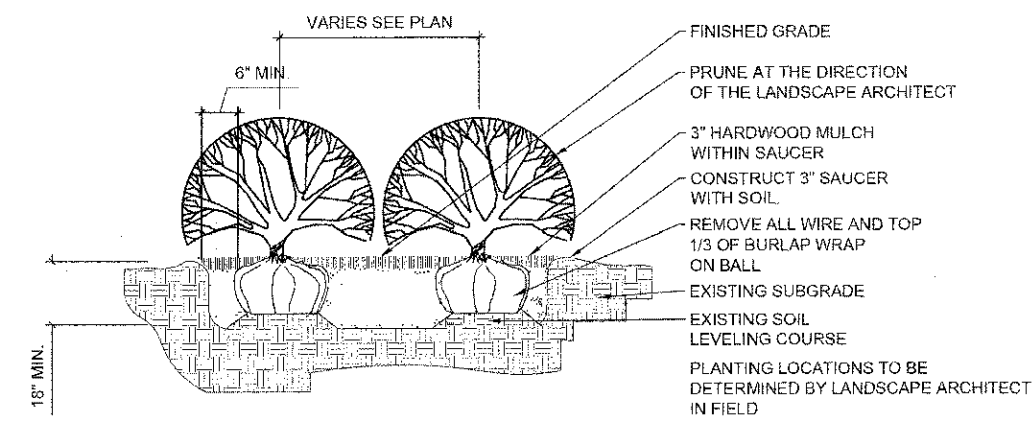


**INLET FILTER**

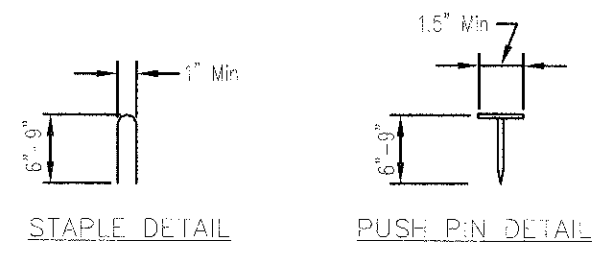
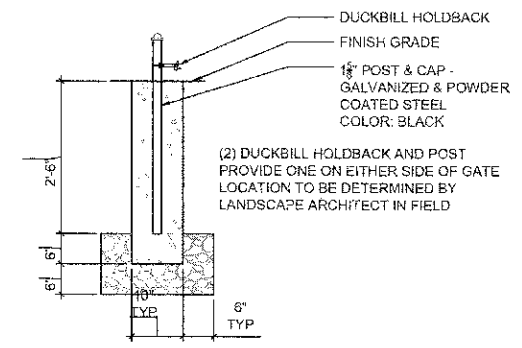


DETAIL 1      DETAIL 2      DETAIL 3

**1 8' HT CHAINLINK FENCE SERVICE GATE (VINYL COATED)**  
3/4"=1'-0"



**2 SHRUB PLANTING**  
NTS



NOTES:

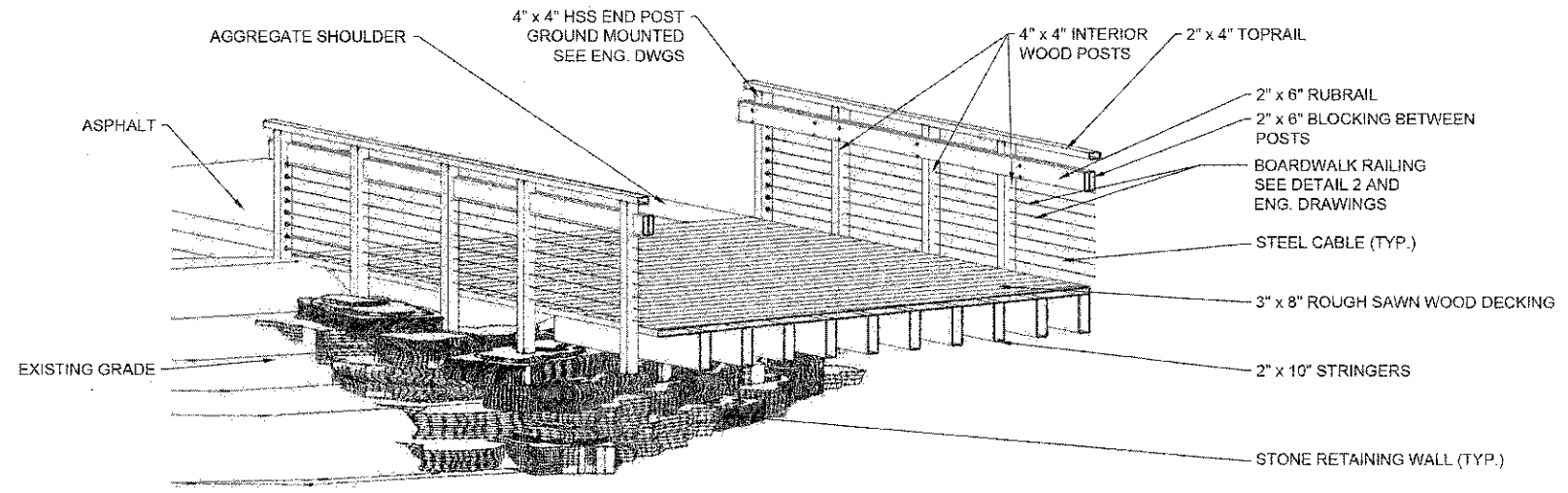
1. Staples shall be placed along the edges and interiors of the blanket to prevent excessive snagging or shifting of the product. Install staples in staple pattern as recommended by the manufacturer with a minimum 3.4 staples per square yard.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

Plant Code	Botanical Name	Common Name	Size	Qty	Form
<b>Shrubs</b>					
CF	<i>Corylus americana</i>	American Filbert	4' ht	8	B&B
HV	<i>Hamamelis virginiana</i>	American Witchhazel	5' ht	4	B&B
PA	<i>Prunus americana</i>	American Plum	4' ht	7	B&B
VL	<i>Viburnum lentago</i>	Nannyberry Viburnum	4' ht	8	B&B
VP	<i>Viburnum prunifolium</i>	Blackhaw Viburnum	4' ht	3	B&B

Note: Shrubs shall be of local genotype, with genetic origin within 100 miles of the Chicago Botanic Garden in Glencoe, Illinois.  
Note: Seeding by owner.

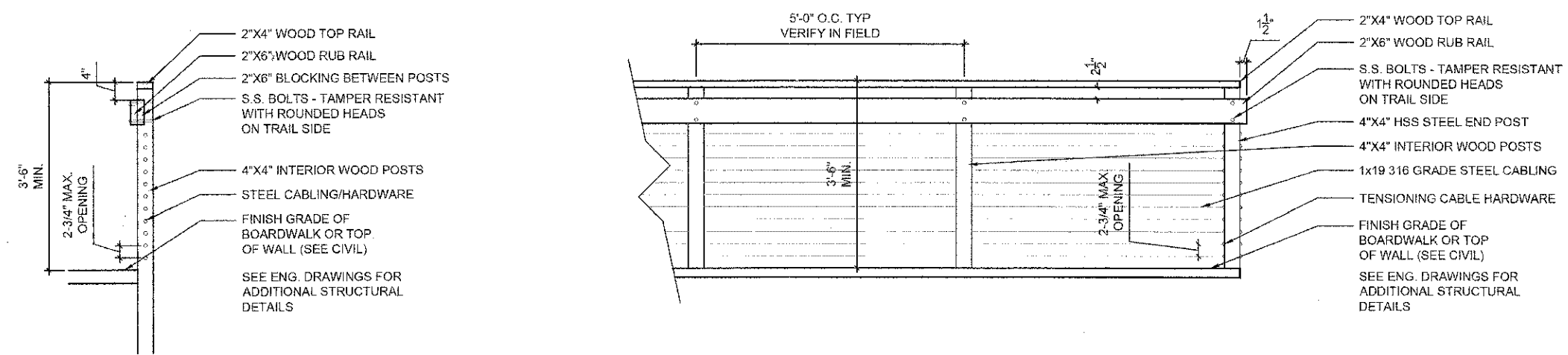
**PLANT LIST**

**EROSION CONTROL BLANKET (SPECIAL)**

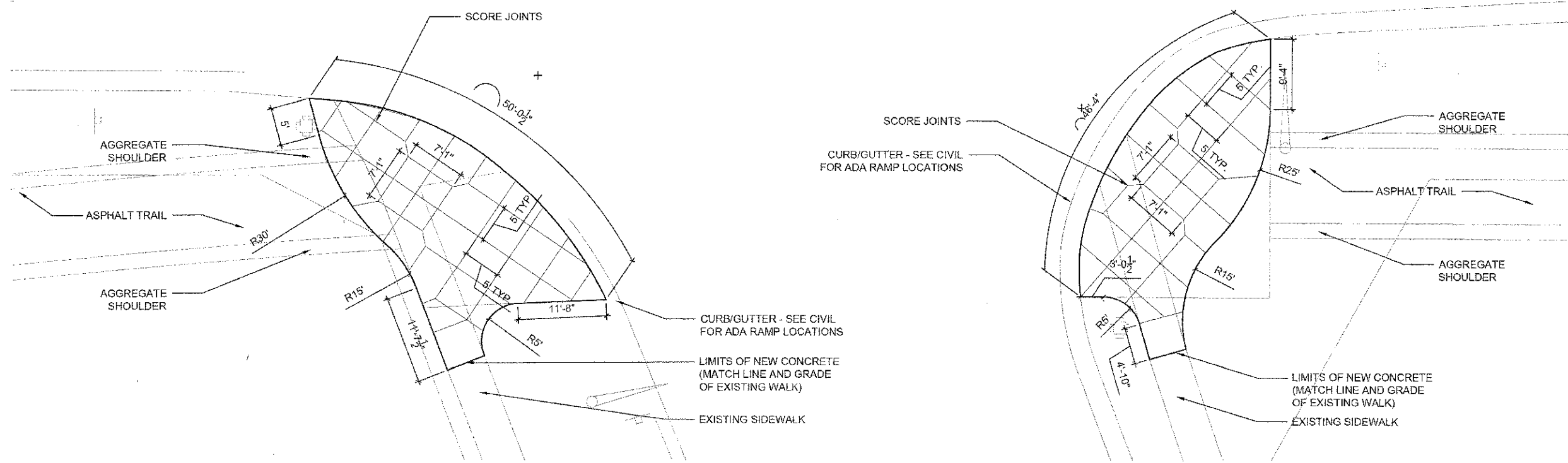


**1 BOARDWALK DETAIL**  
NTS

NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR BOARDWALK AND STEEL CABLE RAILING SYSTEM PRIOR TO FABRICATION OR INSTALLATION



**2 BOARDWALK RAILING DETAIL**  
1/4" = 1'-0"



1 CONCRETE PLAZAS AT GREEN BAY ROAD  
 1/8" = 1'-0"

9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

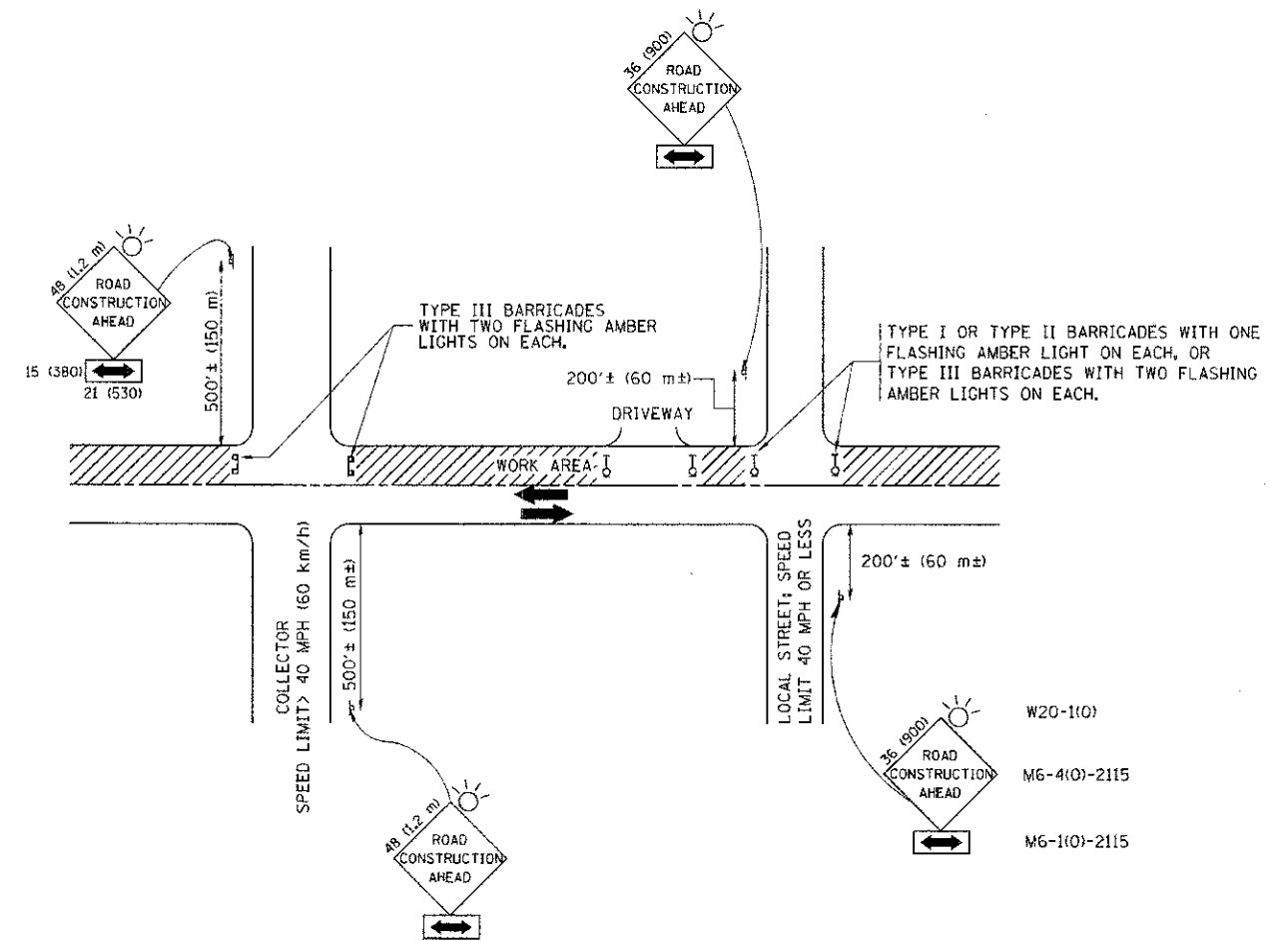


USER NAME = m3narcis	DESIGNED - MBT	REVISED -
PLOT SCALE = 3"	DRAWN - PWN	REVISED -
PLOT DATE = 4/11/2013	CHECKED - MEK	REVISED -
	DATE 4/11/13	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
 LANDSCAPING DETAILS

P.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK/LAKE	TOTAL SHEETS 89	SHEET NO. 68
SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 63781	
ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1,2 m x 1,2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
  - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

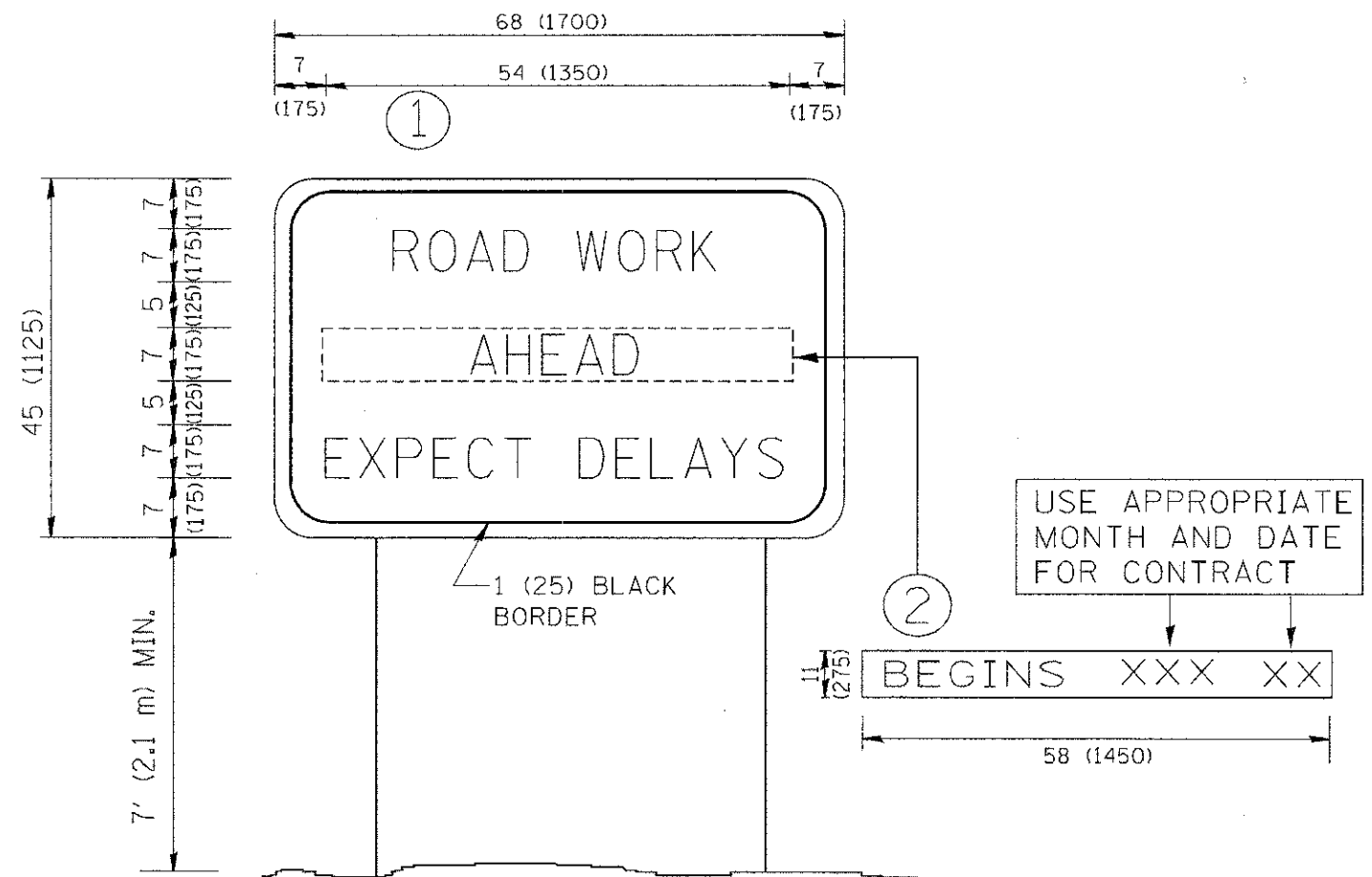
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = N:\dists\122x34\1\10.dgn	USER NAME = greglenobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-23-BT	COOK/LAKE	89	69
TC-10			CONTRACT NO. 63781	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

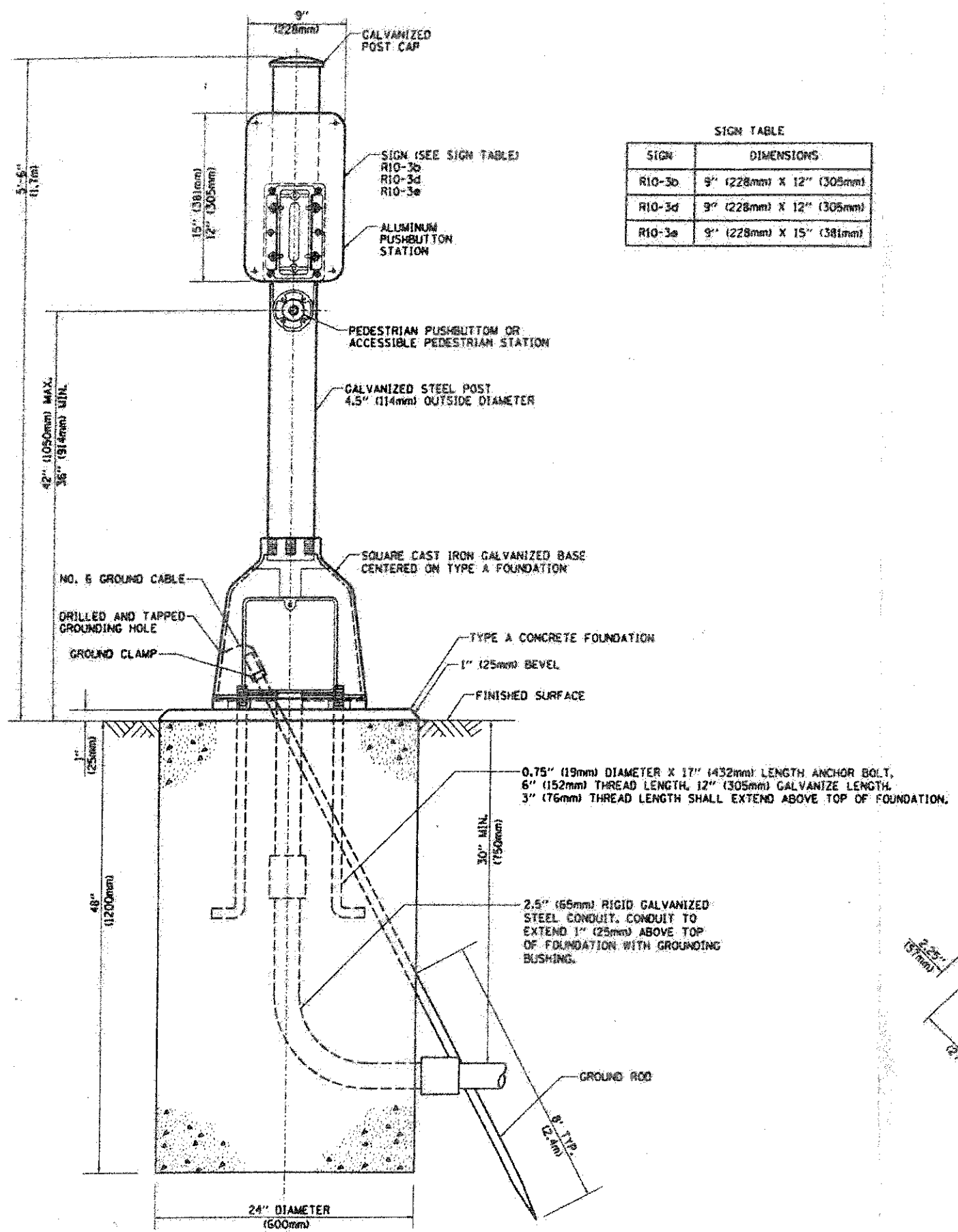


**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

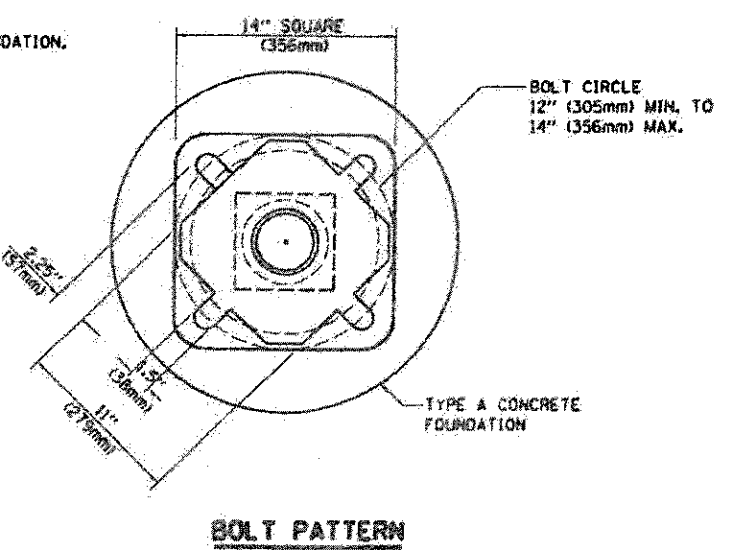
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME - w:\stettd\22x34\to22.dgn	USER NAME - gaglianobt	DESIGNED - -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>			F.A.I. RTE. 3726	SECTION 10-13000-22-61	COUNTY COOK/LAKE	TOTAL SHEETS 39	SHEET NO. 10
	PLOT SCALE = 50.000 / 1"	DRAWN - -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 6378;	
	PLOT DATE = 1/4/2008	CHECKED - -	REVISED - J. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - -	REVISED - C. JUCHUS 01-31-07									



SIGN TABLE

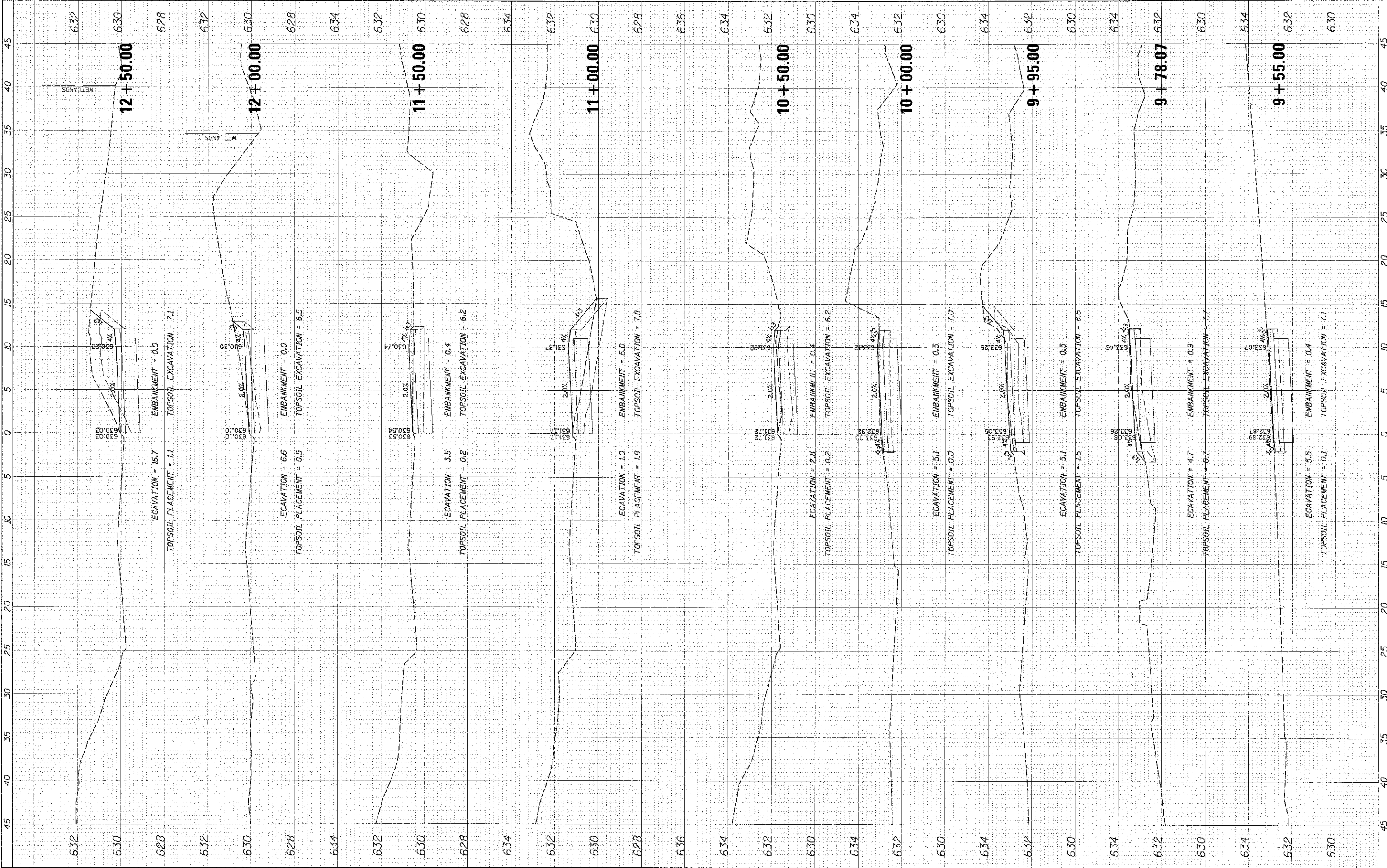
SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 PEDESTRIAN PUSH BUTTON POST, TYPE A	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
3726	30-F3000-22-BT	COOK/LAKE	89			71					
						TS-88		CONTRACT NO. 63781			
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
PLOT SCALE = 1/8" = 1'-0"		CHECKED	REVISED	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				
PLOT DATE = 10/13/2012		DATE	REVISED								

FINAL SURVEY  
 SURVEY  
 NOTE BOOK  
 AREAS

ORIGINAL SUPPLY  
 NOTE BOOK  
 AREAS

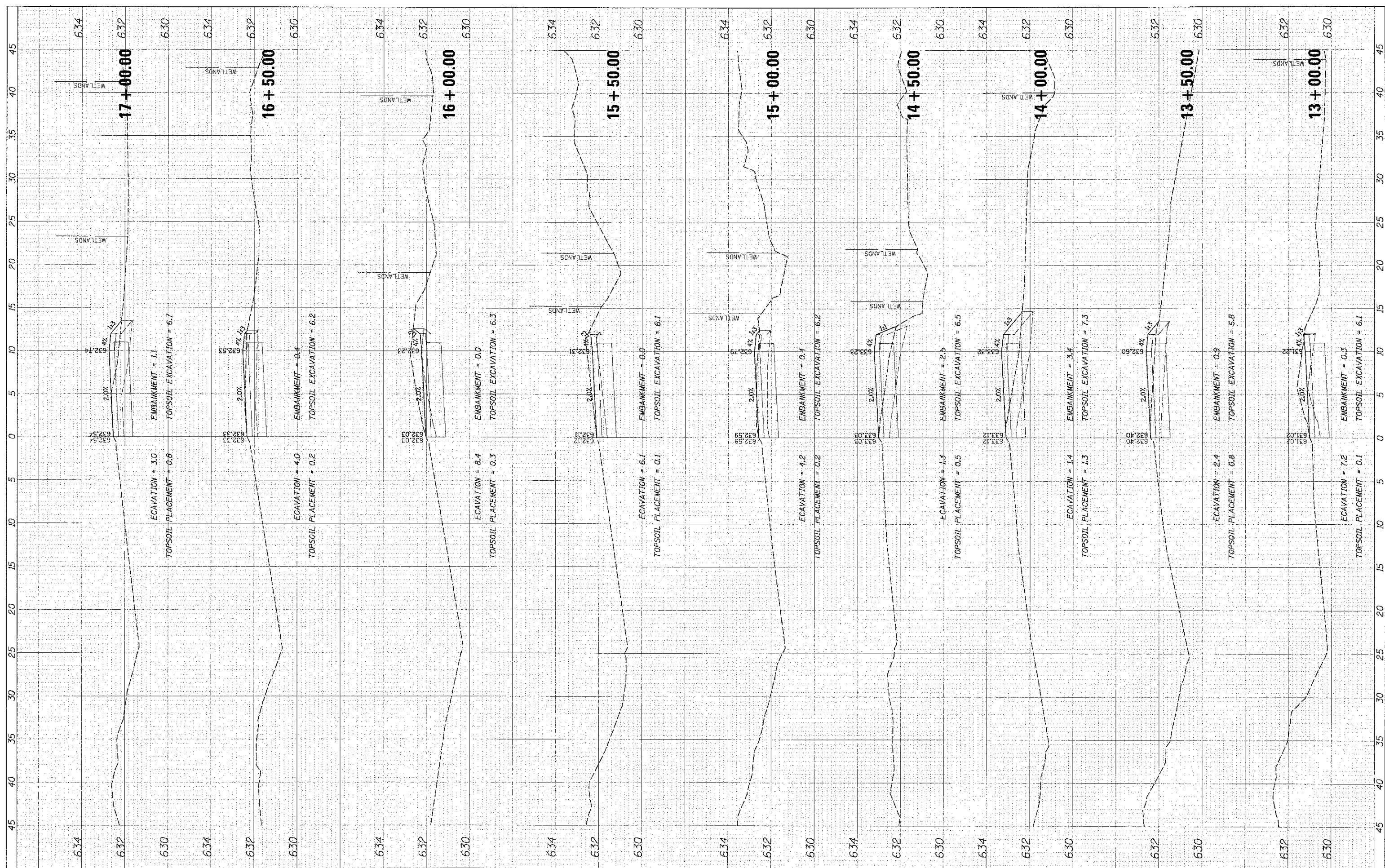


	USER NAME = -Uromou DESIGNED - MBT DRAWN - PWN CHECKED - MEK DATE - 4/11/13	REVISED REVISED REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION PROPOSED CROSS SECTIONS	F.A.J. RTE. 3726 SECTION 10-F3000-22-BT COUNTY COOK CONTRACT NO. 63781
	PILOT SCALE = 8' PILOT DATE = 4/11/2013	1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 9+55.00 TO STA. 12+50.00	TOTAL SHEET SHEETS NO. 89 72 ILLINOIS FED. AID PROJECT		



DATE	BY
FINAL SURVEY	PLOTTED
NOTE BOOK	AREAS CHECKED

DATE	BY
PROJ. SURVEY	PLOTTED
NOTE BOOK	AREAS CHECKED



5875 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0900



DESIGNED MBT  
DRAWN PWN  
CHECKED MEK  
DATE 4/11/13

REVISED  
REVISED  
REVISED  
REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

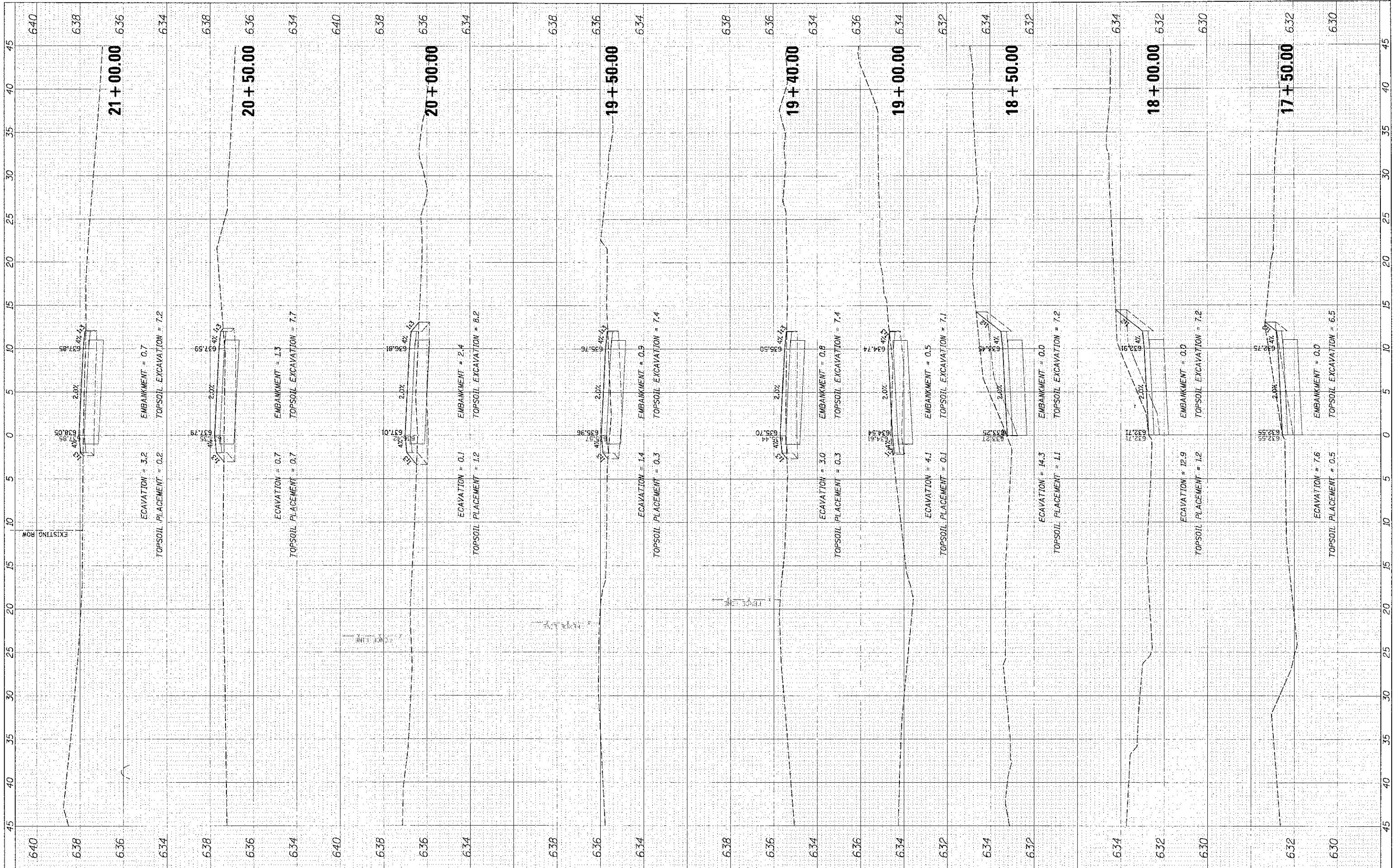
LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
PROPOSED CROSS SECTIONS

1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 13+00.00 TO STA. 17+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
3726	10-F3000-22-BT	COOK	89 73
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT

FINAL	DATE
SUBMITTED	BY
PLATE	
NOTES	
AREAS	
CHECKED	

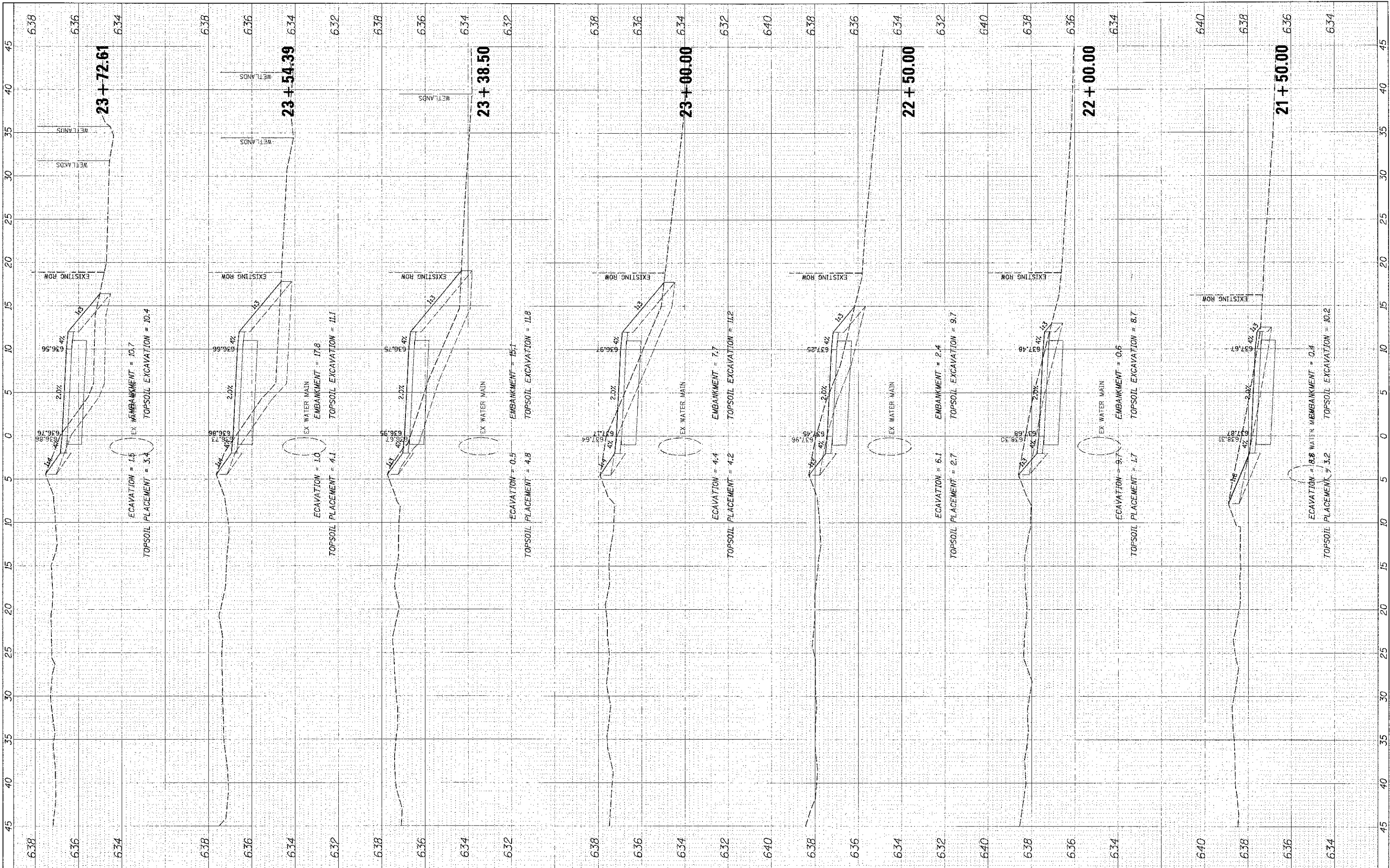
ORIGINAL	DATE
SURVEY	BY
PLATE	
NOTES	
AREAS	
CHECKED	



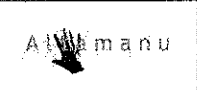
	5575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500	<b>Almanu</b>	USER NAME = rthomas DESIGNED - MBT DRAWN - PWN CHECKED - MEX DATE - 4/11/13	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED CROSS SECTIONS</b>	F.A.U. RTE. 3726 SECTION 10-F3000-22-BT COUNTY COOK CONTRACT NO. 63781	TOTAL SHEETS 89 SHEET NO. 74
	FILE NAME PKX-110189.SHT			PLOT SCALE: 5' PLOT DATE: 4/11/2013		1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 17+50.00 TO STA. 21+00.00		ILLINOIS FED. AID PROJECT

FINAL	DATE
REVISED	DATE
NO. 1	NO. 1
NO. 2	NO. 2
NO. 3	NO. 3
NO. 4	NO. 4

ORIG.	DATE
REVISED	DATE
NO. 1	NO. 1
NO. 2	NO. 2
NO. 3	NO. 3
NO. 4	NO. 4



9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500



USER NAME = mthomas  
 PLOT SIZE = 8"  
 PLOT DATE = 4/11/2013

DESIGNED - MBT  
 DRAWN - PWN  
 CHECKED - MEK  
 DATE - 4/11/13

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

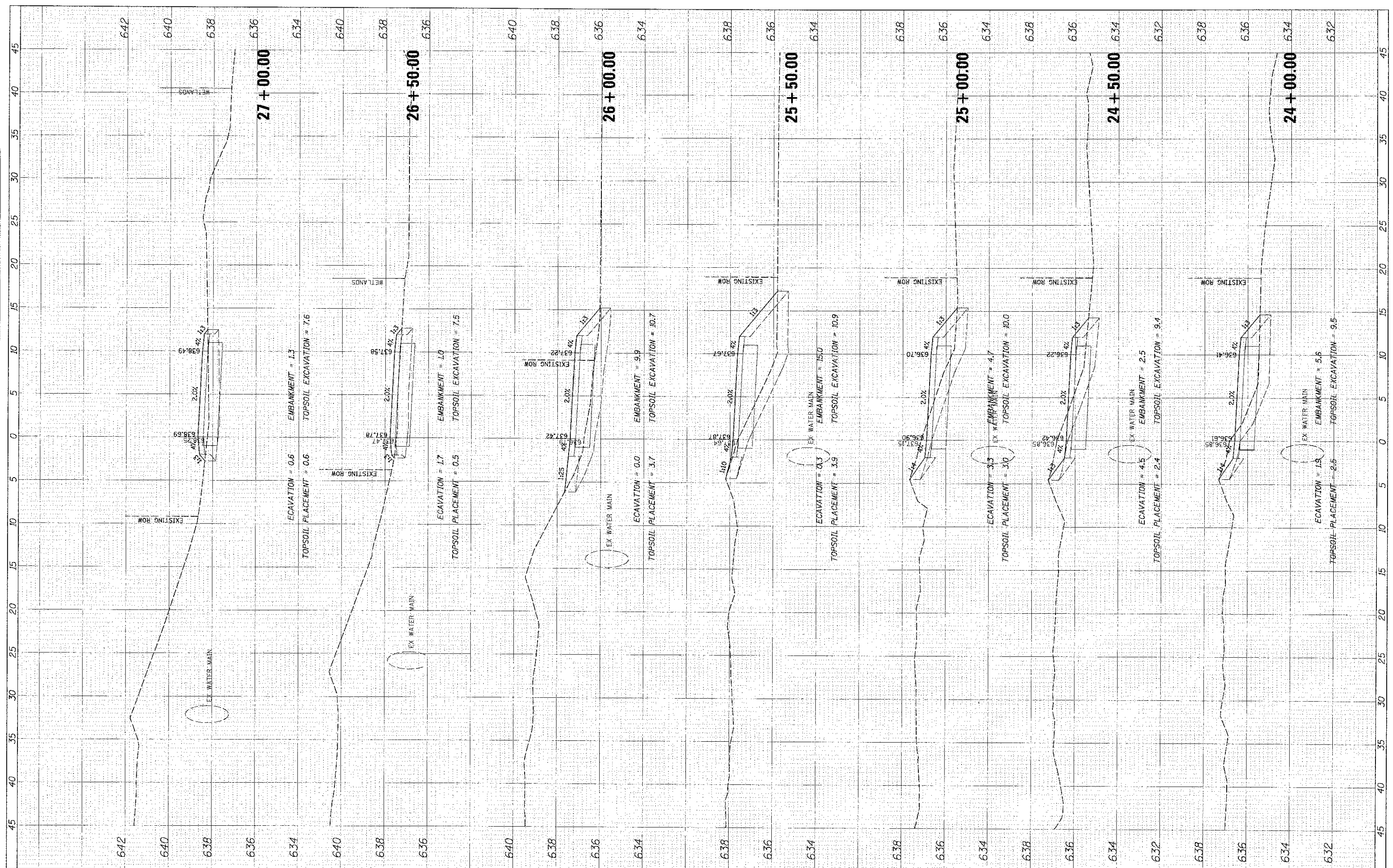
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
 PROPOSED CROSS SECTIONS  
 1"=5' H 1"=2' V  
 SHEET NO. OF SHEETS STA. 21+50.00 TO STA. 23+72.61

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	75
				CONTRACT NO. 63781
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
REVISIONS	
NO. DESCRIPTION	
DATE	

ORIGINAL SURVEY	DATE
REVISIONS	
NO. DESCRIPTION	
DATE	



8575 W. Higgins Road, Suite 800  
 Rosemont, Illinois 60018  
 (847) 823-0600

USER NAME:   
 PLOT SCALE: 5'   
 PLOT DATE: 4/11/2013

DESIGNED	- MBT
DRAWN	- PWN
CHECKED	- MEK
DATE	- 4/11/13

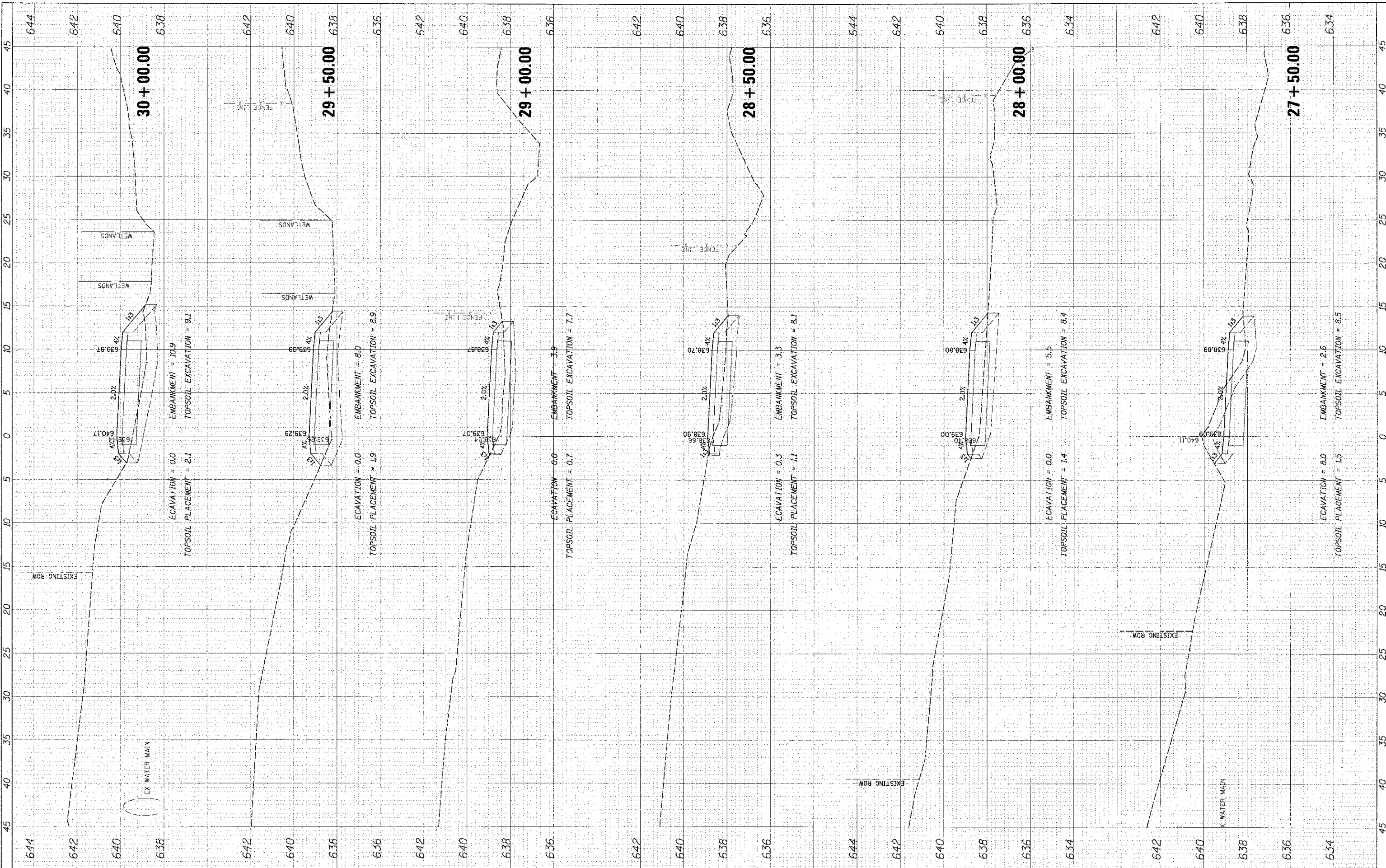
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
 PROPOSED CROSS SECTIONS  
 SHEET NO. 07 OF SHEETS STA. 24+00.00 TO STA. 27+00.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	76
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
REVISION	
NO. DATE	
BY	

ORIGINAL SURVEY	DATE
REVISION	
NO. DATE	
BY	



**ALUMANO**  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

USER NAME	= mthomax
DESIGNED	- MBT
DRAWN	- PWN
CHECKED	- MEK
DATE	- 4/11/13
PILOT SCALE	- 5'
PILOT DATE	- 4/11/2013

REVISED	-
REVISED	-
REVISED	-
REVISED	-

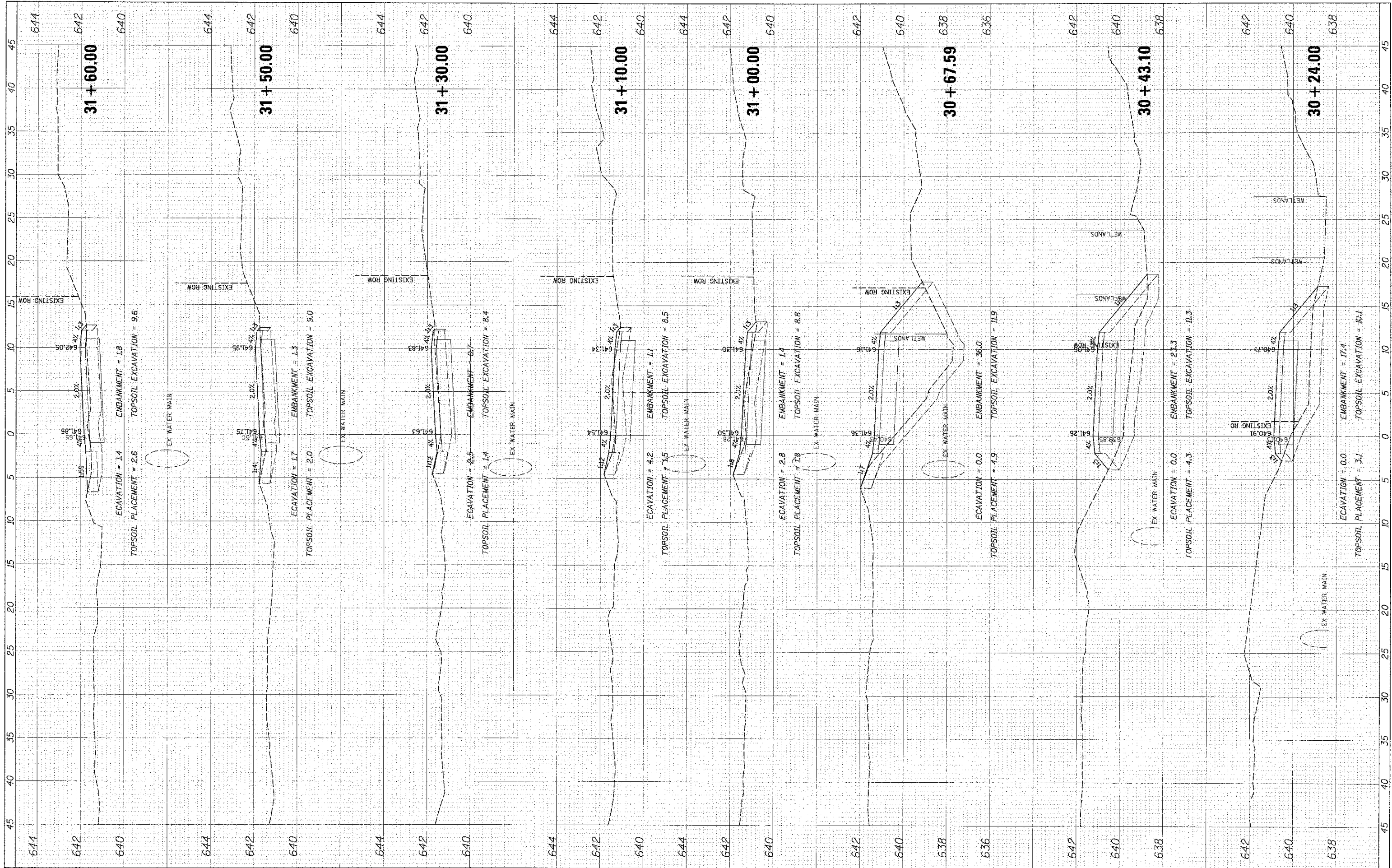
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**PROPOSED CROSS SECTIONS**  
 1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 27+50.00 TO STA. 30+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	77
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				

FINAL	DATE
SUPPLEMENT	BY
NOTICE TO ORDER	NO.
REVISIONS	

ORIGINAL	DATE
SURVEY	BY
NOTICE TO ORDER	NO.
REVISIONS	



9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



USER NAME = rthman  
DESIGNED - MBT  
DRAWN - PWN  
CHECKED - MEK  
DATE - 4/11/13

REVISED  
REVISED  
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REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

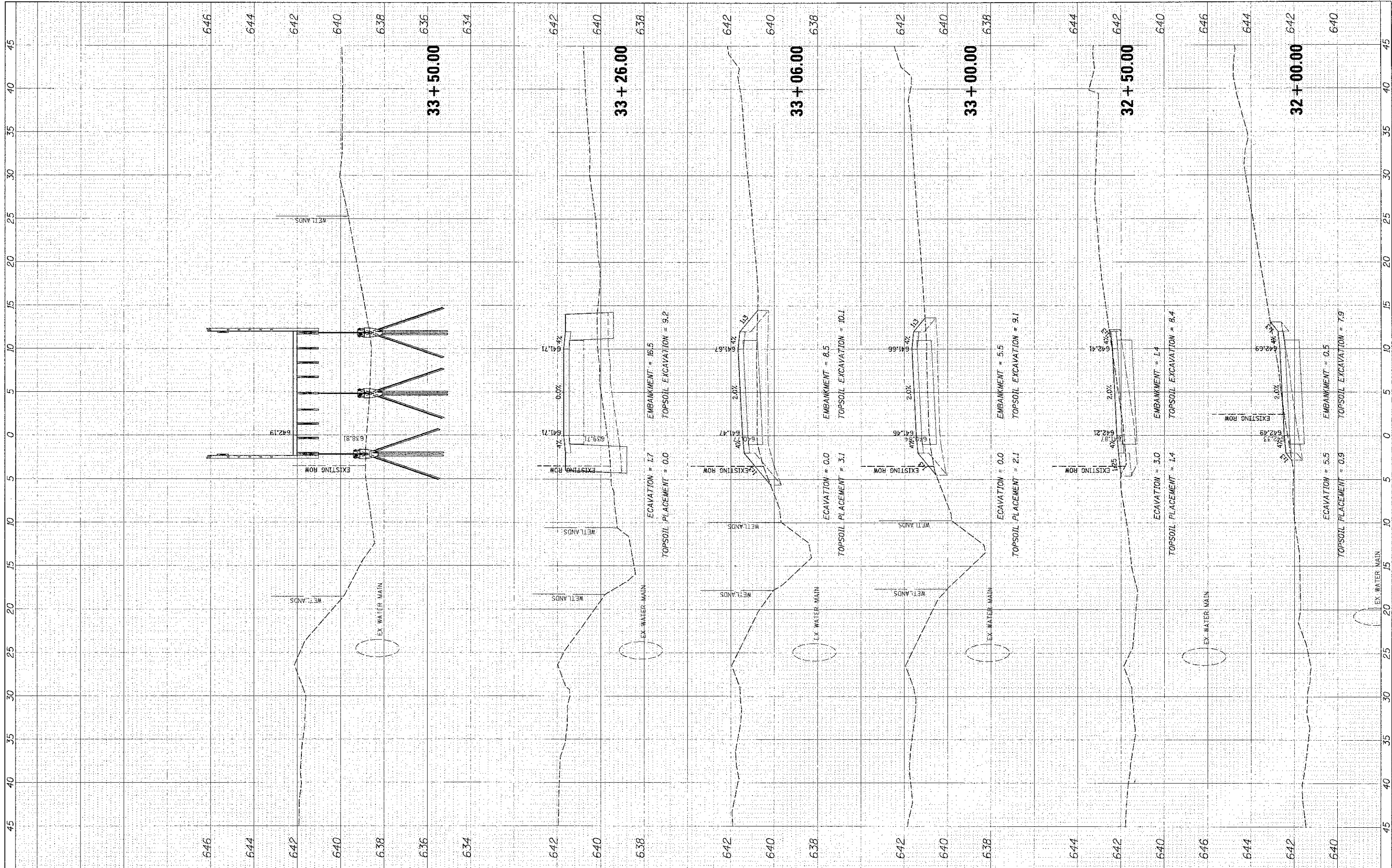
LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
PROPOSED CROSS SECTIONS

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK	TOTAL SHEETS 89	SHEET NO. 78
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	

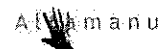
1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 30+24.00 TO STA. 31+60.00

FWL	DATE
SURVEY	BY
NOTE BOOK	NO.
AREAS	CHECKED
AREAS	CHECKED

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	NO.
AREAS	CHECKED
AREAS	CHECKED



9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



USER NAME = mcherry  
PL: 0" SCALE = 5'  
DATE = 4/11/13

DESIGNED - MBT  
DRAWN - PWN  
CHECKED - MEK  
DATE - 4/11/13

REVISED  
REVISED  
REVISED  
REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION  
PROPOSED CROSS SECTIONS

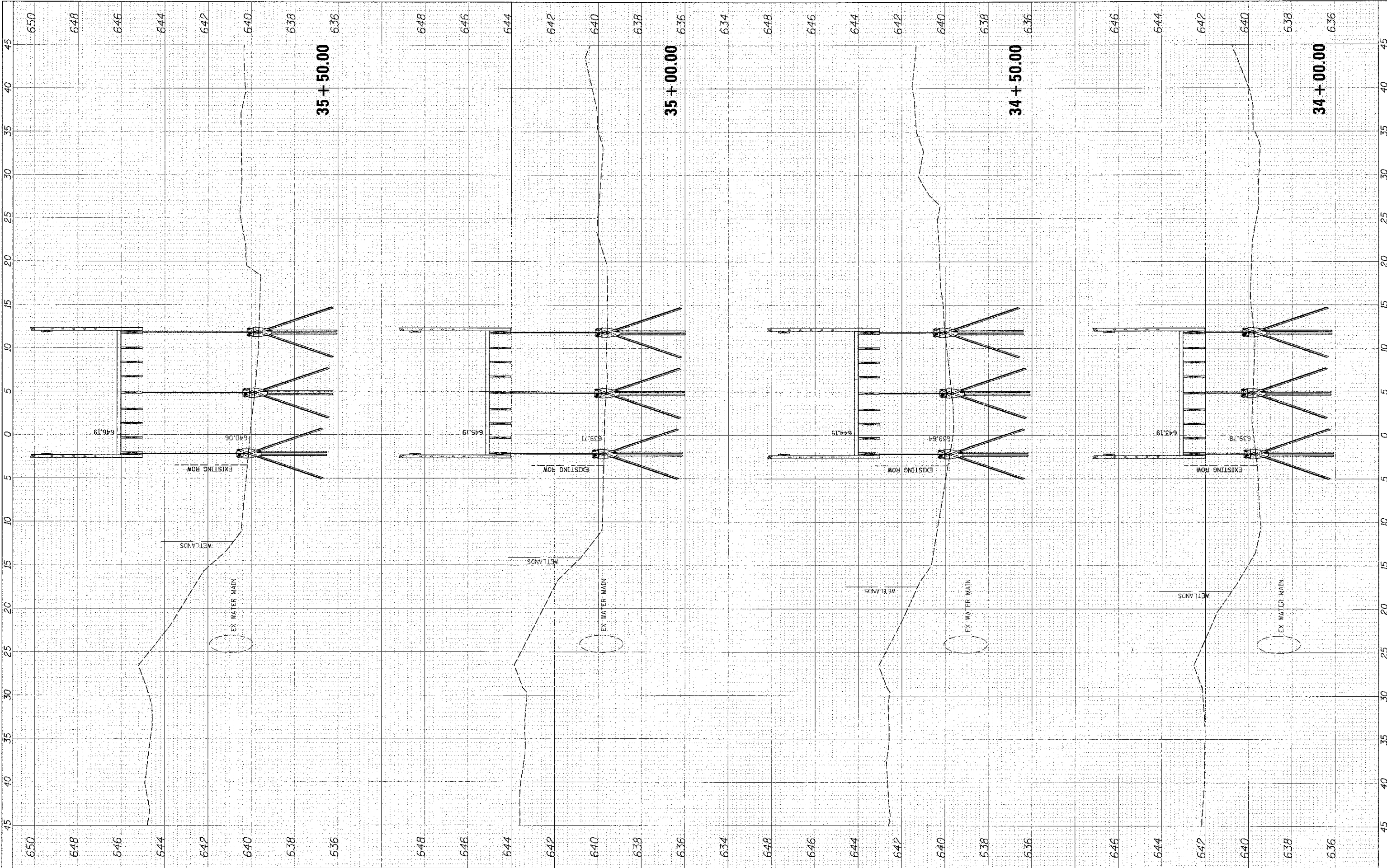
1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 32+00.00 TO STA. 33+50.00

F.A.U. SECTION COUNTY TOTAL SHEET NO.  
3726 10-F3000-22-B7 COOK 89 79  
CONTRACT NO. 63781

ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
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NOTE BOOK		
NOTE BOOK		
NOTE BOOK		

DESIGNED	BY	DATE
DRAWN		
CHECKED		
DATE		
REVISIONS		
REVISIONS		
REVISIONS		



**Alumenu**  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (647) 823-0500

USER NAME = rchomas  
 DESIGNED - MBT  
 DRAWN - PWN  
 CHECKED - MEK  
 DATE - 4/11/13  
 PLOT SCALE = 5'  
 PLOT DATE = 4/11/2013

DESIGNED - MBT  
 DRAWN - PWN  
 CHECKED - MEK  
 DATE - 4/11/13

REVISED -  
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 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

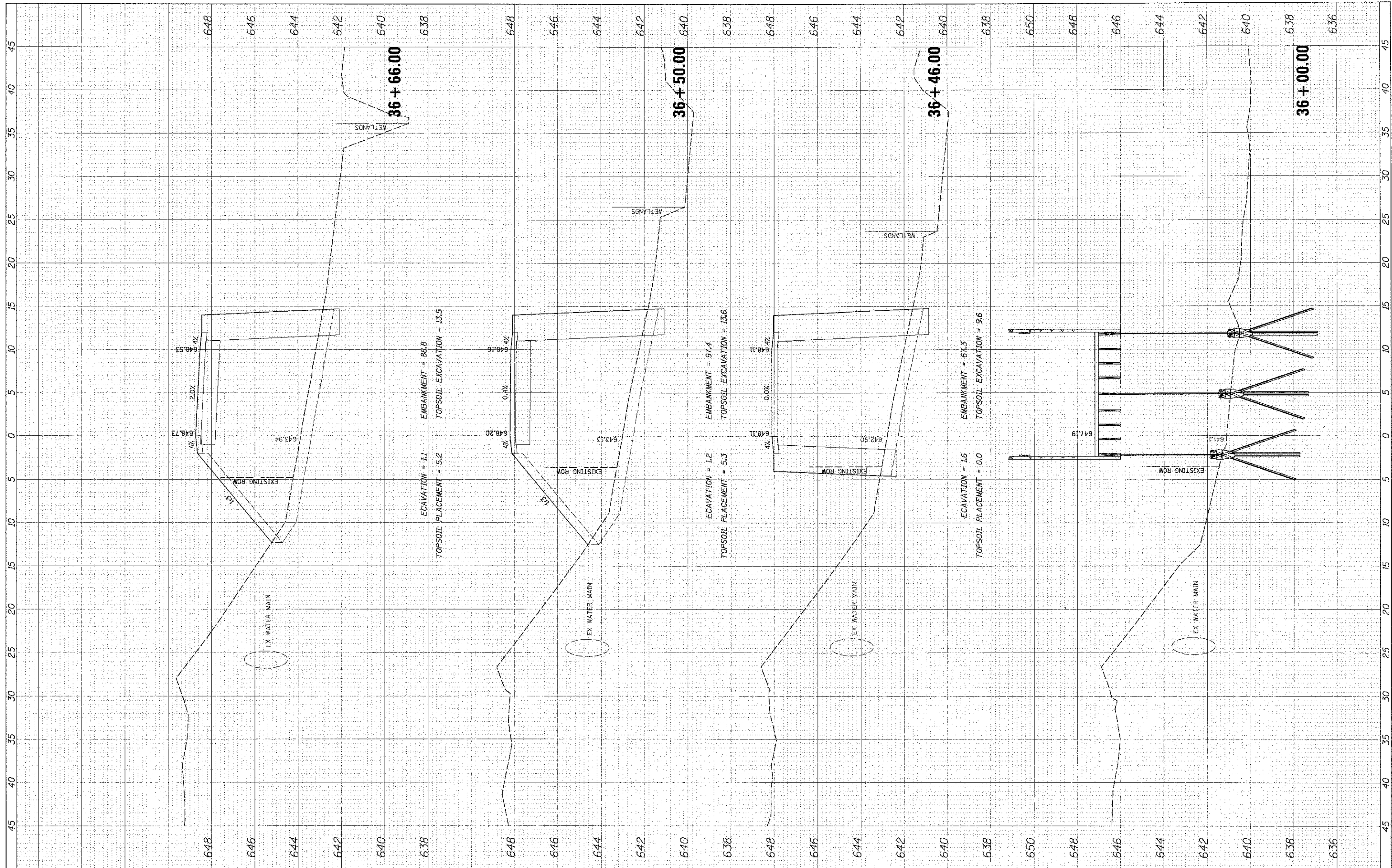
**LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**PROPOSED CROSS SECTIONS**  
 1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 34+00.00 TO STA. 35+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	80
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	



FINAL	DATE
SUBMITTED	
REVISIONS	
NO. DATE	
NO. DATE	
NO. DATE	
NO. DATE	
NO. DATE	

ORIGINAL	DATE
SUBMITTED	
REVISIONS	
NO. DATE	
NO. DATE	
NO. DATE	
NO. DATE	
NO. DATE	



9575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500



USER NAME = intranet  
P.L.S. SCALE = 5'  
P.L.S. DATE = 4/11/2013

DESIGNED - MBT  
DRAWN - PWN  
CHECKED - MEK  
DATE - 4/11/13

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

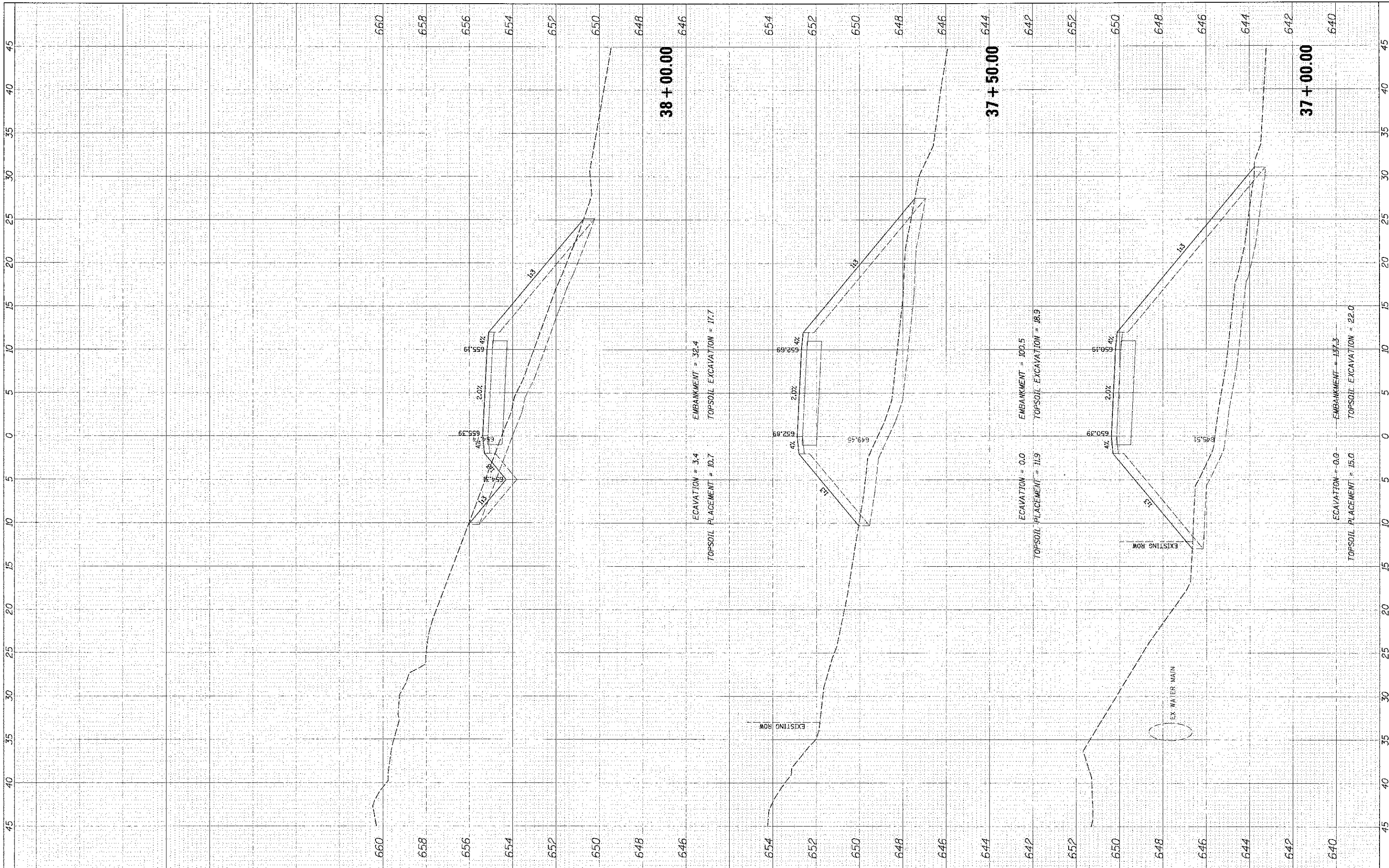
LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
PROPOSED CROSS SECTIONS

1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 36+00.00 TO STA. 36+66.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	81
CONTRACT NO. 63781			ILLINOIS FED. AID PROJECT	

FINN	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

ORIGINAL	DATE
SURVEY	
NOTE BOOK	
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NO.	



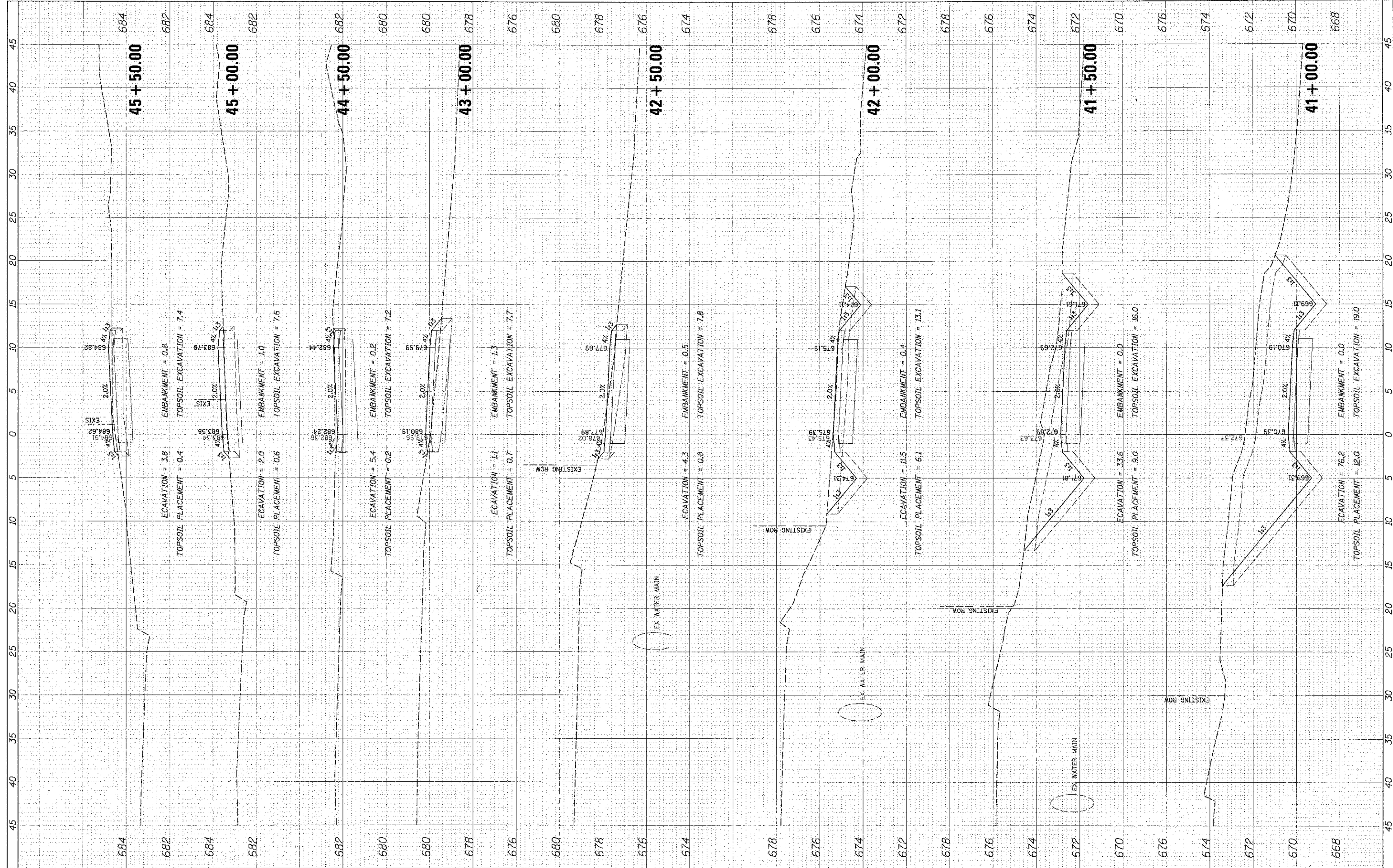
	DESIGNED - MBT	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION</b> <b>PROPOSED CROSS SECTIONS</b>	F.A.U. NO. 3726 SECTION 10-F3000-22-BT COUNTY COOK TOTAL SHEETS 82 SHEETS OF SHEETS STA. 37+00.00 TO STA. 38+00.00 CONTRACT NO. 63781 (ILLINOIS) FED. AID PROJECT
	DRAWN PWN CHECKED MEK DATE 4/11/13	REVISED - REVISED - REVISED - REVISED -			

FILE NAME: PKX 104495.SHP



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	REVISIONS		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	REVISIONS		



**MANU**

USER NAME = mtracy

PLOT SCALE = 5'

PLOT DATE = 4/11/2013

DESIGNED - MBT	REVISED
DRAWN - PWN	REVISED
CHECKED - MEK	REVISED
DATE - 4/11/13	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**PROPOSED CROSS SECTIONS**

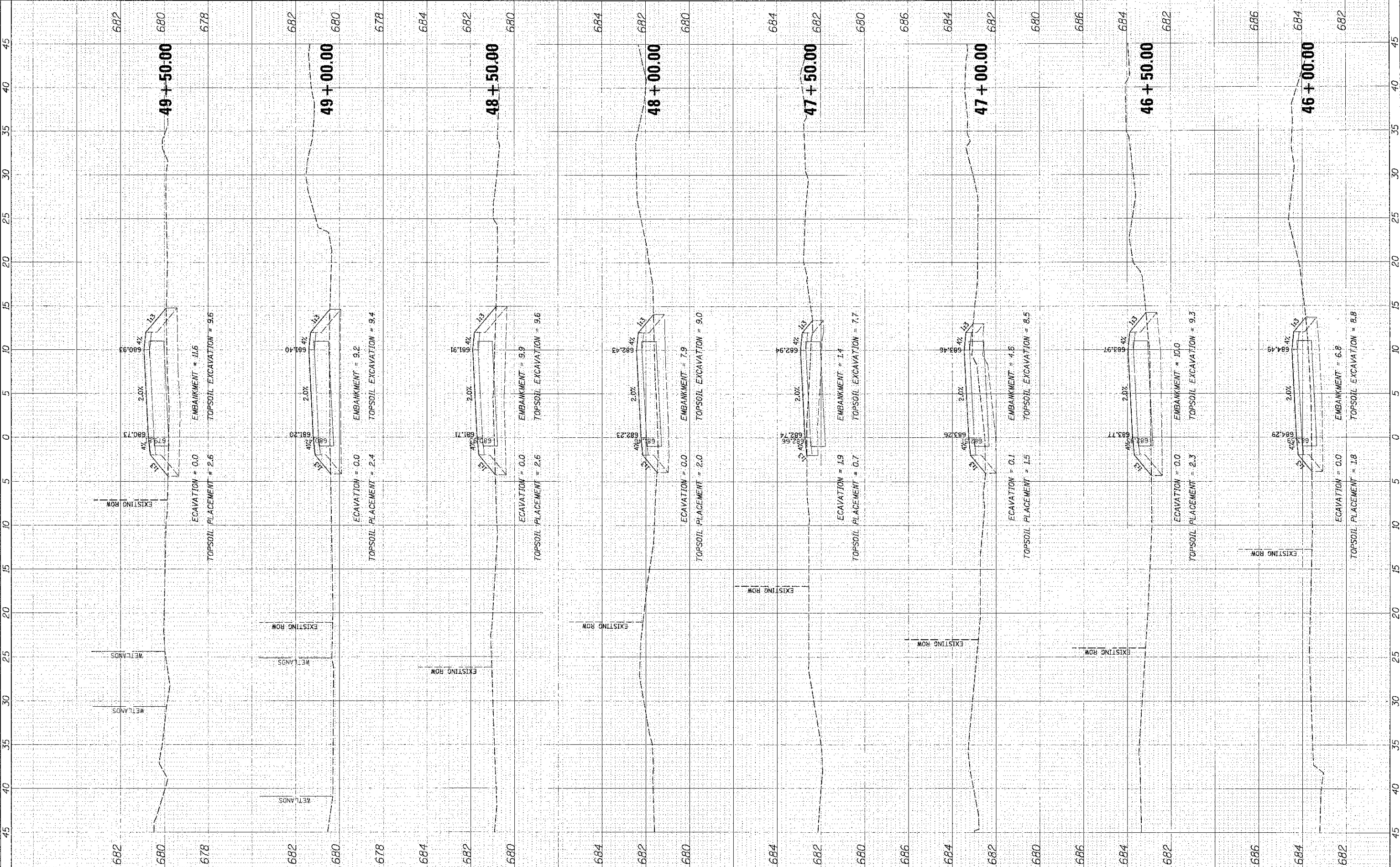
1"=5' H 1"=2' V

SHEET NO. OF SHEETS STA. 41+00.00 TO STA. 45+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	84
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				

TITLE	DATE
SUBMITTED	
REVISED	
DATE	
BY	
REVISIONS	

DATE	
BY	
REVISIONS	
DATE	
BY	
REVISIONS	



**Alumnu**  
 9575 W. Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (847) 823-0500

USER NAME	athomas
DESIGNED	MBT
DRAWN	PWN
CHECKED	MEX
DATE	4/11/13
REVISIONS	

DESIGNED	MBT
DRAWN	PWN
CHECKED	MEX
DATE	4/11/13
REVISIONS	

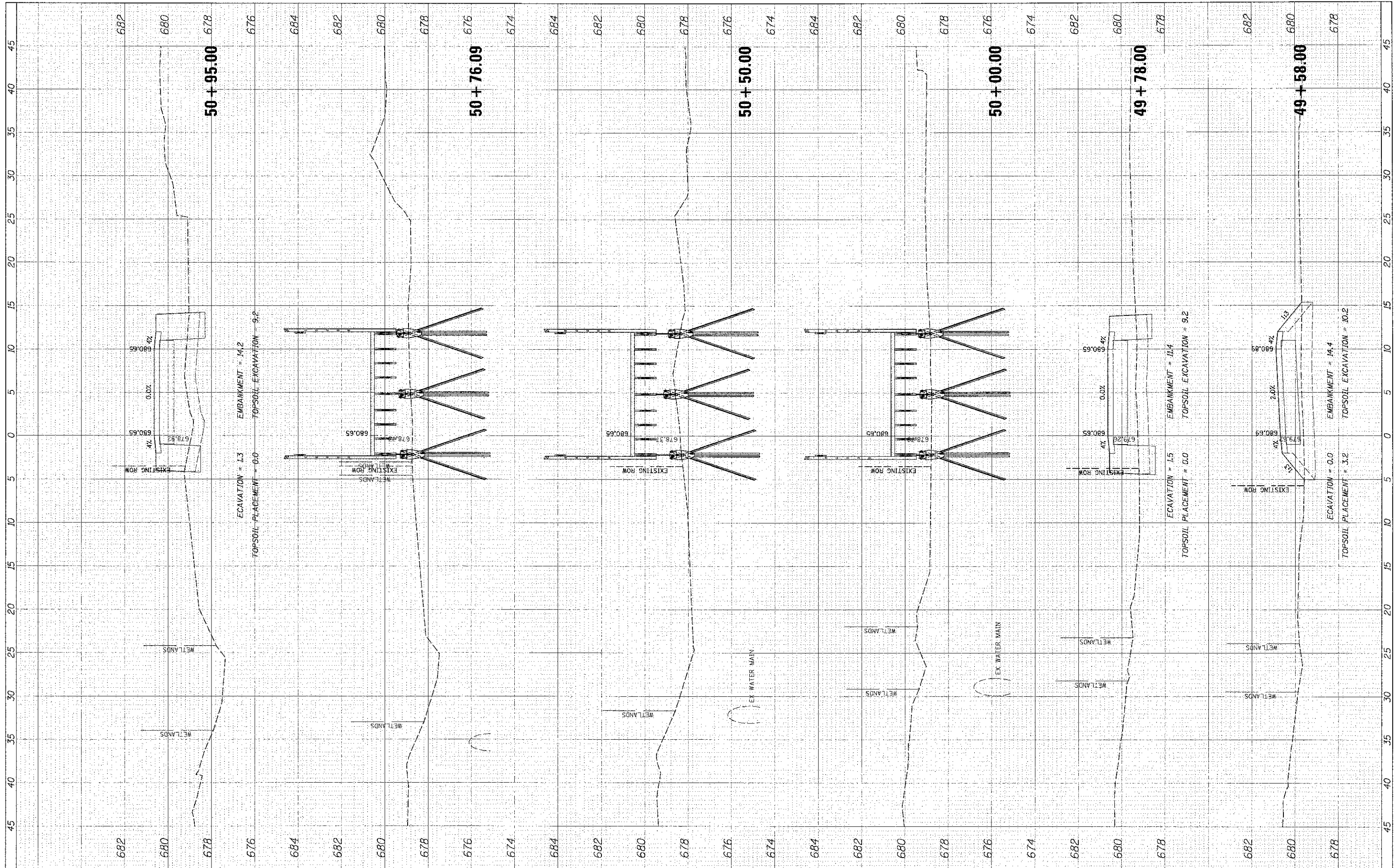
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**PROPOSED CROSS SECTIONS**  
 1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 46+00.00 TO STA. 49+50.00

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
3726	10-F3000-22-BT	COOK	89 85
CONTRACT NO. 63781			

FINAL SURVEY	DATE
PROPOSED	
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NOTES	
DATE	
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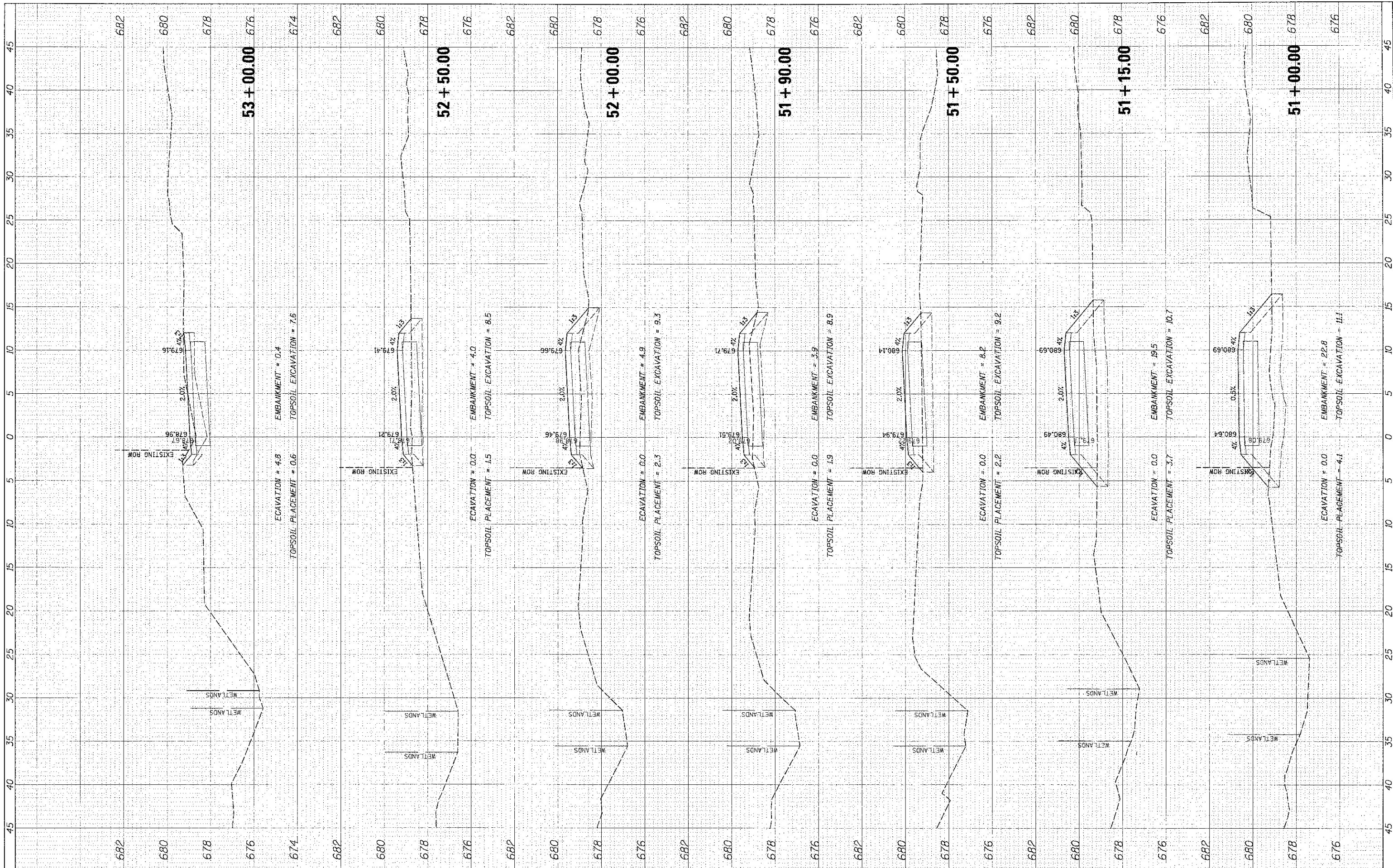
ORIGINAL SURVEY	DATE
PROPOSED	
REVISED	
NOTES	
DATE	
BY	
DATE	
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DATE	
BY	
DATE	



<p>9575 W. Higgins Road, Suite 000 Rosemont, Illinois 60018 (847) 823-0500</p>	<p>DESIGNED - MBT</p> <p>DRAWN - PWN</p> <p>CHECKED - MEK</p> <p>DATE - 4/11/13</p>	<p>REVISIONS</p> <p>REVISIONS</p> <p>REVISIONS</p> <p>REVISIONS</p>	<p>STATE OF ILLINOIS</p> <p>DEPARTMENT OF TRANSPORTATION</p>	<p>LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION</p> <p>PROPOSED CROSS SECTIONS</p>	<p>F.A.U. R.T.E. 3726</p> <p>SECTION 10-F3000-22-BT</p> <p>COUNTY COOK</p> <p>TOTAL SHEETS 89</p> <p>SHEET NO. 86</p> <p>CONTRACT NO. 63781</p>	
	<p>USER NAME: j-dames</p> <p>SCALE: 5'</p> <p>DATE: 4/11/2013</p>	<p>1"=5' H 1"=2' V</p> <p>SHEET NO. OF SHEETS</p> <p>STA. 49+58.00 TO STA. 50+95.00</p>	<p>ILLINOIS FED. AID PROJECT</p>			
	<p>FILE NAME: PXS_170495.S41</p>					
	<p>MANU logo</p>					

FINAL SURVEY	DATE
SENSUS	BY
NOTED	BY
NOTE BOOK	DATE
AREAS CHECKED	
AREAS DESIGNED	

ORIGINAL SURVEY	DATE
NOTED	BY
NOTE BOOK	DATE
AREAS CHECKED	
AREAS DESIGNED	



**CB** 9579 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**aiw manu**

USER NAME = mshoncu	DESIGNED - MBT	REVISED
PLLOT SCA = 1" = 20'	DRAWN - PWN	REVISED
PLLOT DATE = 4/11/2013	CHECKED - MEK	REVISED
	DATE - 4/11/13	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

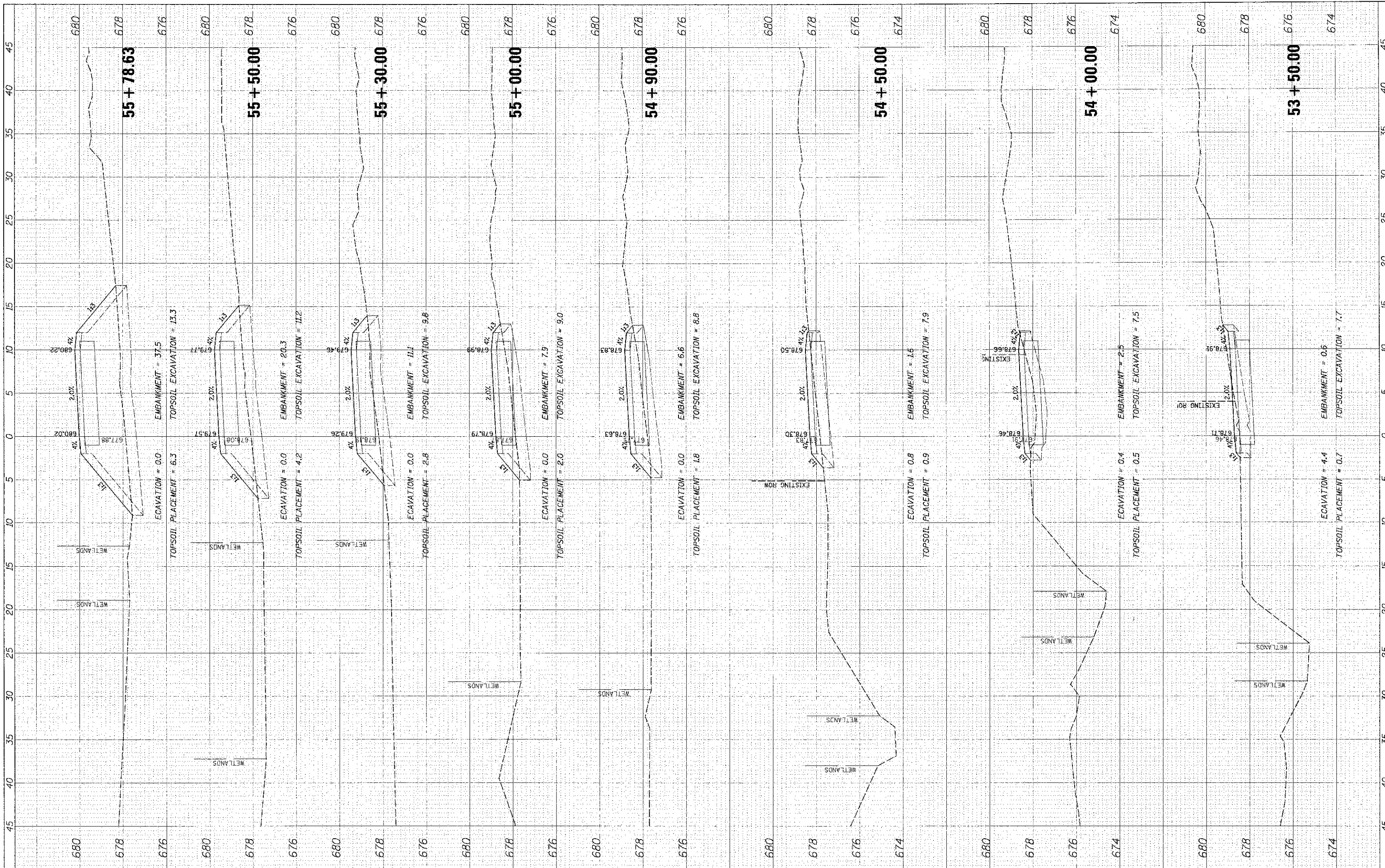
**LAKE COOK ROAD NORTH BRANCH BICYCLE TRAIL EXTENSION**  
**PROPOSED CROSS SECTIONS**

1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 51+00.00 TO STA. 53+00.00

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK	TOTAL SHEET NO. 89
			SHEET NO. 87
			CONTRACT NO. 63781

FINISHED	BY	DATE
SURVEYED		
PLANNED		
NOTED		
AREAS C-SHOWN		

ORIGINAL	DATE
SURVEY	
PLANNED	
NOTED	
AREAS C-SHOWN	



**CB**  
6575 W. Higgins Road, Suite 600  
Rosemont, Illinois 60018  
(847) 823-0500

**A**

DESIGNED	WBT	REVISED
DRAWN	PWN	REVISED
CHECKED	MEK	REVISED
DATE	4/11/13	REVISED

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

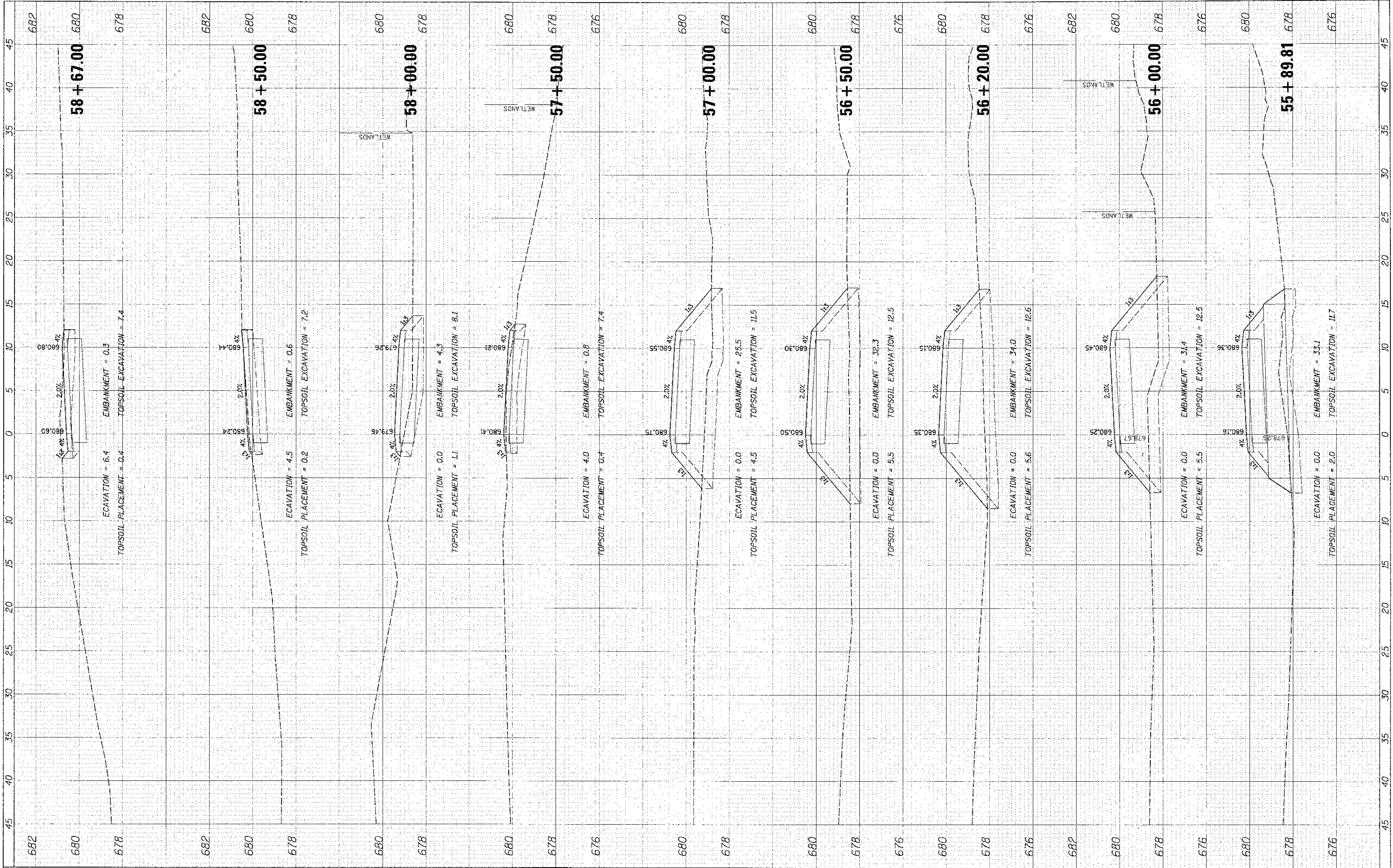
LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION	
PROPOSED CROSS SECTIONS	
1"=5' H 1"=2' V	SHEET NO. OF SHEETS : STA. 53+50.00 TO STA. 55+78.63

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3726	10-F3000-22-BT	COOK	89	88
CONTRACT NO. 63781				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY BY DATE  
 SURVEY PLOTTED BY DATE  
 NOTE BOOK AREA CHECKED BY DATE  
 REVISIONS

DESIGNED BY  
 DRAWN BY  
 CHECKED BY  
 DATE



9575 W. Higgins Road, Suite 800  
 Rosemont, Illinois 60018  
 (847) 823-0900



USER NAME = m.donovan  
 PLOT SCALE = 5'  
 PLOT DATE = 4/11/13

DESIGNED - MBY	REVISED -
DRAWN - PWN	REVISED -
CHECKED - MEK	REVISED -
DATE - 4/11/13	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LAKE COOK ROAD/NORTH BRANCH BICYCLE TRAIL EXTENSION  
 PROPOSED CROSS SECTIONS

1"=5' H 1"=2' V SHEET NO. OF SHEETS STA. 55+89.81 TO STA. 58+84.00

F.A.U. RTE. 3726	SECTION 10-F3000-22-BT	COUNTY COOK	TOTAL SHEET NO. 89
CONTRACT NO. 63781			NO. 89

ILLINOIS FED. AID PROJECT