

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-00093-00-BT	LAKE	LAKE	63	1
FED. ROAD DIST. NO.	ILLINOIS			

PROJECT LOCATED IN THE CITY OF LAKE FOREST

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ROBERT MCCLORY BIKE PATH
ILLINOIS ROAD TO WOODLAND ROAD
BICYCLE PARKING SHELTER, SHARED USE PATH
SECTION: 12-00093-00-BT
PROJECT: CMM-9003(948)

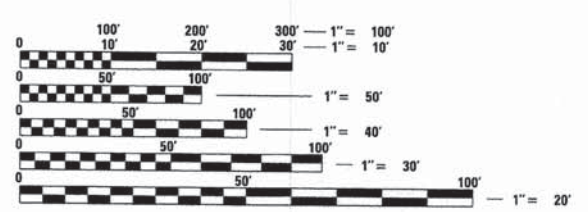
PROJECT DESCRIPTION

THE ROBERT MCCLORY BIKE TRAIL WILL BE RELOCATED THROUGH THE CENTRAL BUSINESS DISTRICT OF LAKE FOREST IN ORDER TO MINIMIZE CONFLICTS BETWEEN VEHICLES USING LAKE FOREST'S COMMUTER PARKING LOTS AND PATH USERS ALONG THE BIKEWAY.

TRAFFIC DATA:	ADT (2011)	POSTED SPEED	FUNCTIONAL CLASSIFICATION
MCKINLEY ROAD	6650	25 MPH	LOCAL ROAD
DEERPATH ROAD	4350	25 MPH	MAJOR COLLECTOR
WESTMINSTER AVE	1300	25 MPH	LOCAL ROAD

INDEX OF SHEETS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES, LIST OF HIGHWAY STANDARDS & LEGEND
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8 - 9	PROPOSED TYPICAL SECTIONS
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40	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS INTERSECTIONS AND DRIVEWAYS
41	TC-13: DISTRICT 1 TYPICAL PAVEMENT MARKINGS
42 - 63	PROPOSED CROSS SECTIONS

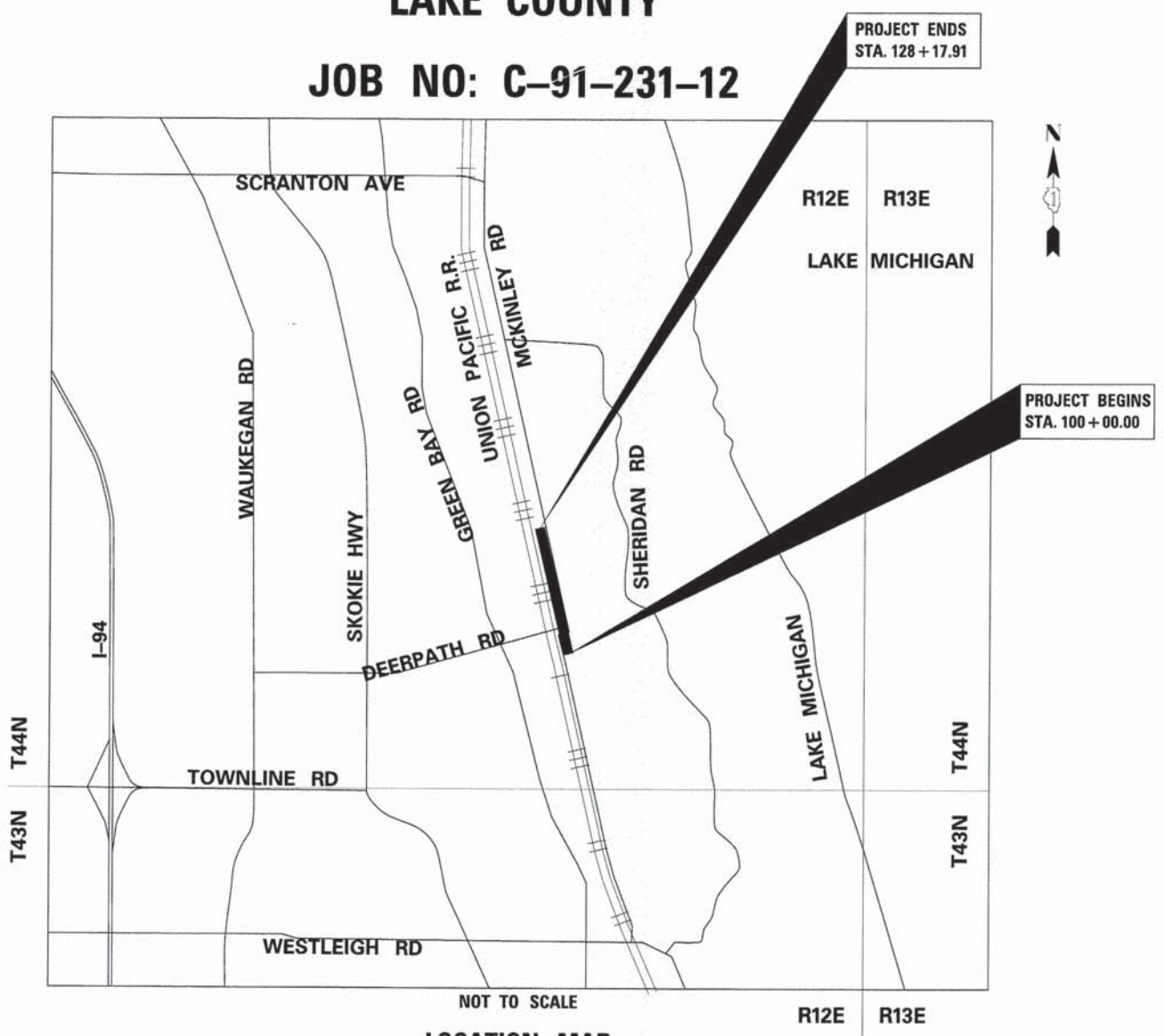


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CITY OF LAKE FOREST
LAKE COUNTY

JOB NO: C-91-231-12



LOCATION MAP
GROSS/NET LENGTH OF PROJECT = 2693 FT. (0.51 MI.)

CONTRACT NO: 61A61

TYLIN INTERNATIONAL
200 SOUTH WACKER DRIVE, SUITE 1400
CHICAGO, ILLINOIS 60606
TEL: 312-777-2900 FAX: 312-705-0305

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OF THE STATE OF ILLINOIS



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MAY 28, 2014
Robert W. Ellis
THE CITY OF LAKE FOREST, SUPERINTENDENT OF ENGINEERING

APPROVED MAY 30, 2014
Cheryl A. ...
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW June 2, 2014
John F. ...
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

Signed *D. B. Draw*
Daniel B. Draw, P.E. 11. Lic. No. 062-055312
Expires 11-30-2015
Date 5-29-14
For drawings:
1 thru 17
20 thru 22
42 thru 63

Signed *Phillip D. Frey*
Phillip D. Frey, S.E. 11. Lic. No. 081-004826
Expires 11-30-2014
Date 5-29-14
For drawings:
1 thru 19

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. (847) 705 - 4021

GENERAL NOTES

- THESE PLANS WERE PREPARED USING THE ENGLISH SYSTEM OF MEASUREMENTS. ANY REFERENCES TO THE METRIC SYSTEM OF MEASUREMENT, AS IN THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SHALL NOT BE USED FOR THIS PROJECT.
- THE SCALES SHOWN ON THE DRAWINGS APPLY ONLY TO FULL SIZE PLANS, NOT TO THE INSETS AND DETAILS OR REDUCED SIZE PLANS. THE CONTRACTOR SHALL NOT SCALE THESE PLANS.
- ANY REFERENCE TO "STANDARD SPECIFICATIONS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION.
- ALL PAY ITEMS SHALL BE CONSIDERED STANDARD IDOT PAY ITEMS FOLLOWING THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS AMENDED BY A CONTRACT SPECIAL PROVISION.
- A "BOXED" NOTE INDICATES AN ITEM OF WORK THAT IS NOT PAID FOR SEPARATELY, BUT IS PAID FOR AS PART OF ANOTHER ITEM LISTED IN THE SUMMARY OF QUANTITIES.
- THE INFORMATION SHOWN ON THE DRAWINGS IS BASED ON FIELD SURVEYS PROVIDED BY THE CITY OF LAKE FOREST AND AMERICAN SURVEYING AND ENGINEERING, P.C. THE ENGINEER AND LANDSCAPE ARCHITECT DO NOT GUARANTEE THE COMPLETENESS OR ACCURACY OF THE UTILITY INFORMATION INDICATED. THE CONTRACTOR SHALL MAKE ITS OWN INVESTIGATION REGARDING THE EXISTENCE AND LOCATION OF UTILITIES OR OTHER STRUCTURES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 AND THE CITY OF LAKE FOREST COMMUNITY DEVELOPMENT DEPARTMENT AT 847-810-3503 48 HOURS IN ADVANCE OF ANY CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- 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, 2014; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD); THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- NO PAYMENT WILL BE MADE FOR RESTORATION BEYOND THE LIMITS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR FIELD VERIFICATION AND NOTIFICATION TO THE ENGINEER OF ANY DISCREPANCY BETWEEN HIS FIELD NOTES AND THESE PLANS PRIOR TO SUBMITTING THE BID. IF DURING THE CONSTRUCTION, THE CONTRACTOR FINDS ANY DISCREPANCY BETWEEN THE FIELD AND THESE PLANS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPORT IT TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK IN THAT AREA.
- THE CONTRACTOR SHALL OBTAIN THE CITY OF LAKE FOREST APPROVAL FOR HIS STORAGE AREA, TRAILER LOCATION, AND STAGING AREAS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ADJUTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND PRESERVING THE PROJECT'S SURVEY CONTROL POINTS AND BENCHMARKS. RELOCATING AND REPLACING CONTROL POINTS AND BENCHMARKS SHALL BE THE CONTRACTORS RESPONSIBILITY AT HIS OWN EXPENSE.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AND DEBRIS FROM THE SITE FOR COMPLETION OF THE CONTRACT.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- ADA ACCESSIBLE SIDEWALK RAMPS, AS SHOWN IN THE PLANS, AND DEPRESSED CURBS SHALL BE PROVIDED AT ALL CROSSWALKS.
- ALL MATERIALS FOR THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR. ALL MATERIALS SHALL BE NEW, WITH MATERIAL CERTIFICATION WITHIN THE PAST 12 MONTHS OF FABRICATION OR AS REQUIRED BY THE ENGINEER.
- APPLICABLE CODES AND STANDARDS:
 - A STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IDOT, LATEST VERSION
 - B MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (USDOT)
 - C IL SUPPLEMENT TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
 - D ILLINOIS ACCESSIBILITY CODE
 - E VILLAGE OF SKOKIE CODES AND STANDARDS
 - F STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS

GENERAL NOTES - CONT.

19. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD R.O.W. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAIN 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.

20. PARKING LOT TRAFFIC CONTROL TO BE COORDINATED WITH THE CITY AND ANY RELEVANT PARTIES. COST TO BE INCLUDED IN PAYMENT FOR TRAFFIC CONTROL AND PROTECTION.

GENERAL NOTES - SEDIMENT AND EROSION CONTROL

- EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURED SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS.
- THE EROSION CONTROL MEASURES SHOWN ARE ONLY A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE ENGINEER.
- THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURED PRIOR TO STRIPPING EXISTING VEGETATION.

INDEX OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-04	TYPICAL PAVEMENT MARKINGS

STANDARD SYMBOLS

R.O.W. LINE	
EASEMENT	
TRAFFIC SIGN	
ELECTRIC	
GAS PIPE	
TELEPHONE CABLE	
CENTER LINE	
WOODS AND BUSH LINE	
EVERGREEN TREE	
DECIDUOUS TREE	
PINE TREE	
CURB AND GUTTER	
EXISTING MANHOLE	
SPOT GRADE ELEVATION	
DETECTABLE WARNING SURFACE	
CONTROLLER	
FIRE HYDRANT	
HANDHOLE	
DRAINAGE DIRECTION	
NUMERICAL CALLOUT	
TRAFFIC SIGNAL	
LIGHT STANDARD	

EARTH EXCAVATION SCHEDULE

LOCATION	STATION TO STATION	EARTH EXCAVATION	UNSUITABLE MATERIAL	EXCAVATION ADJ. FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE	TOPSOIL EXCAVATION & PLACEMENT	REM & DISPOSAL OF UNSUITABLE MATERIAL
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
MCCLORY BIKE PATH	100+00.00 TO 128+17.91	898.0	769.0	763.3	529.0	234.3	284.0	485.0
TOTALS =		898.0	769.0	763.3	529.0	234.3	284.0	485.0
TOTALS (ROUNDED TO NEAREST 5 CU YD) =		900	770	765	530	-235	285	485

TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH			F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		GENERAL NOTES, LIST OF HIGHWAY STANDARDS & LEGEND			12-00093-00-BT	LAKE	63	2	
	CHECKED - DBD	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61A61			
	DATE - 5/12/2014	REVISED -									

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SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL
				FACILITIES FOR BICYCLE TRAIL 0028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1333	1333
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	78	78
20101000	TEMPORARY FENCE	FOOT	2021	2021
20101100	TREE TRUNK PROTECTION	EACH	31	31
0 20101200	TREE ROOT PRUNING	EACH	7	7
0 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2	2
0 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	40	40
0 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40	40
0 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	40	40
20200100	EARTH EXCAVATION	CU YD	900	900
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	770	770
20700220	POROUS GRANULAR EMBANKMENT	CU YD	235	235
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	285	285
21101810	COMPOST FURNISH AND PLACE, 3"	SO YD	2300	2300
25200110	SODDING, SALT TOLERANT	SO YD	1131	1131
25200200	SUPPLEMENTAL WATERING	UNIT	17	17
28000400	PERIMETER EROSION BARRIER	FOOT	2143	2143
28000510	INLET FILTERS	EACH	27	27
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	510	510
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	2647	2647
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	53	53
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	445	445
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	4584	4584
42400800	DETECTABLE WARNINGS	SO FT	310	310

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL
				FACILITIES FOR BICYCLE TRAIL 0028
44000100	PAVEMENT REMOVAL	SO YD	547	547
44000300	CURB REMOVAL	FOOT	1209	1209
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	913	913
44000600	SIDEWALK REMOVAL	SO FT	2523	2523
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	8	8
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	8	8
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	72	72
50200100	STRUCTURE EXCAVATION	CU YD	25	25
50300225	CONCRETE STRUCTURES	CU YD	15	15
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	857	857
60250200	CATCH BASINS TO BE ADJUSTED	EACH	8	8
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	1	1
60251730	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	2	2
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4
60500050	REMOVING CATCH BASINS	EACH	1	1
60600605	CONCRETE CURB, TYPE B	FOOT	1048	1048
X 60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 12 (ABUTTING EXISTING PAVEMENT)	FOOT	859	859
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
72000100	SIGN PANEL - TYPE 1	SO FT	33	33
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	171	171

X SPECIAL PROVISION
O SPECIALTY ITEM

TYLIN INTERNATIONAL

DESIGNED -	PP	REVISED -	5/29/2014
DRAWN -	PP	REVISED -	
CHECKED -	DBD	REVISED -	
DATE -	5/12/2014	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
SUMMARY OF QUANTITIES**

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	3
			CONTRACT NO. 61A61	

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

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SUMMARY OF QUANTITIES

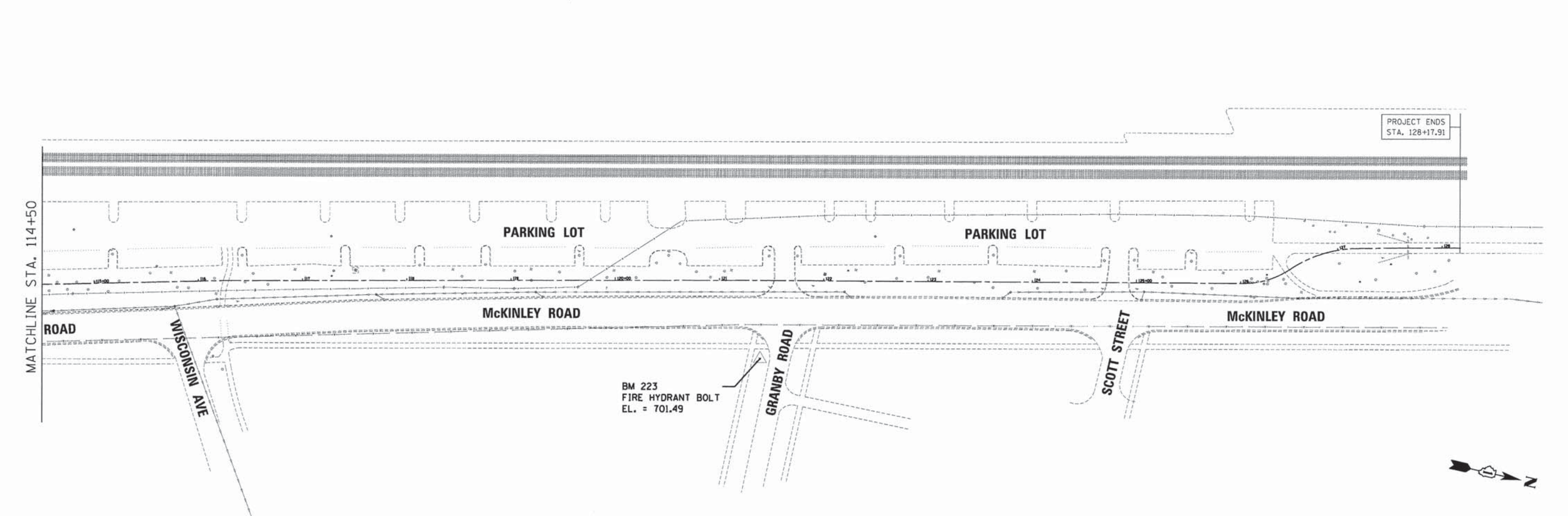
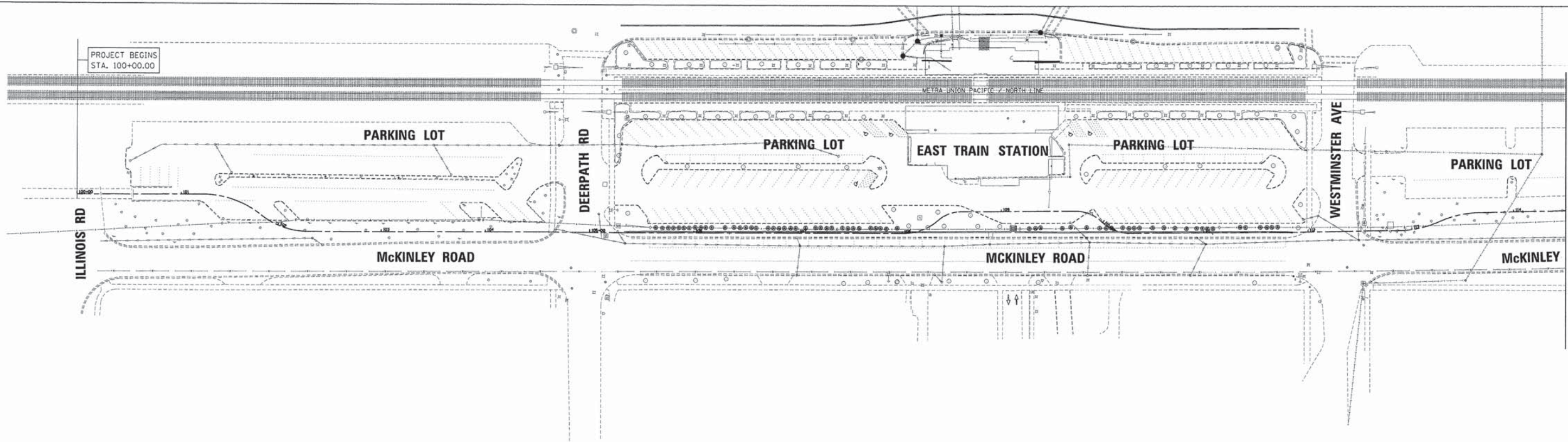
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL FACILITIES FOR BICYCLE TRAIL 0028	
078000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	122		122
078000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2955		2955
078000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	354		354
078000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1008		1008
78300100	PAVEMENT MARKING REMOVAL	50 FT	1256		1256
081028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	29		29
081400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1		1
081702441	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-12/C, 1-12/C GROUND	FOOT	29		29
084200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1		1
084200804	REMOVAL OF POLE FOUNDATION	EACH	1		1
0A2000116	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	6		6
0A2000316	TREE, ACER MIYABEI MORTON (STATE STREET MIYABEI MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	8		8
0A2002278	TREE, ALNUS RUGOSA (SPECKLED ALDER), 3-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13		13
0A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	13		13
0A2004621	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS IMPERIAL (IMPERIAL THORNLESS HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	17		17
0A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	8		8
0A2005316	TREE, LIQUIDAMBAR STYRACIFLUA (AMERICAN SWEETGUM), 2" CALIPER, BALLED AND BURLAPPED	EACH	3		3
0A2005916	TREE, PLATANUS X ACERIFOLIA BLOODGOOD (BLOODGOOD LONDON PLANETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	12		12
0A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7		7
0A2006820	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2		2
0B2000416	TREE, ACER GRISEUM (PAPERBARK MAPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4		4
0B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4		4
0B2001916	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8		8
0B2003320	TREE, MALUS DONALD WYMAN (DONALD WYMAN CRABAPPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7		7

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% LOCAL FACILITIES FOR BICYCLE TRAIL 0028	
0B2004116	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3		3
0B2013470	TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS CRABAPPLE), 2 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4		4
0C2005805	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 5-GALLON	EACH	172		172
0C2012824	SHRUB, VIBURNUM TRILOBUM (AMERICAN CRANBERRY VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	13		13
0C2020214	SHRUB, COTONEASTER APICULATUS (CRANBERRY COTONEASTER), 2' WIDTH, CONTAINER	EACH	24		24
0C203726	SHRUB, HYPERICUM KALMIANUM AMES (AMES KALM ST. JOHNSWORT), 18" HEIGHT, 5-GALLON CONTAINER	EACH	43		43
0C206004	SHRUB, RHUS COPALLINA VAR. LATIFOLIA MORTON (PRAIRIE FLAME SHINING SUMAC), 3' HEIGHT, CONTAINER	EACH	20		20
0C2011752	SHRUB, VIBURNUM DENTATUM CHRISTORS BLUE MUFFIN VIBURNUM), 2' HEIGHT, CONTAINER	EACH	79		79
0C2011924	SHRUB, VIBURNUM DENTATUM RALPH SENIOR (AUTUMN JAZZ ARROWWOOD VIBURNUM), 2' HEIGHT, CONTAINER	EACH	8		8
0K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	22		22
0K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	63		63
X Z0003855	BICYCLE RACKS	EACH	24		24
X Z0012450	CONCRETE STEPS	CU YD	2		2
X Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
X Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	647		647
XO X0322951	CABLE SPLICE SPECIAL	EACH	1		1
XO X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	2		2
XO X0326817	STANDARD BRICK VENEER	50 FT	68		68
XO X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	917		917
X X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5955		5955
X X4404000	PARKING LOT PAVEMENT REMOVAL	50 YD	733		733
XO X8100863	INTERCEPT EXISTING CONDUIT	EACH	1		1
XO XX007100	LIMESTONE CAP	FOOT	36		36
XO XX008555	FURNISH AND INSTALL HANDRAIL	FOOT	14		14

X SPECIAL PROVISION
O SPECIALTY ITEM

TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SUMMARY OF QUANTITIES			12-00093-00-BT	LAKE	63	4
	CHECKED - DBD	REVISED -		SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -								

LF_ALL_SHT01.dgn



PROJECT ENDS
STA. 128+17.91

PROJECT BEGINS
STA. 100+00.00

MATCHLINE STA. 114+50

MATCHLINE STA. 114+50

ELEVATIONS REFLECT
NAVD 88 VALUES



TYLIN INTERNATIONAL

DESIGNED - PP	REVISED - 5/29/2014
DRAWN - PP	REVISED -
CHECKED - DBD	REVISED -
DATE - 5/12/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
ALIGNMENT PLAN**

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	6
CONTRACT NO.			61A61	

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. 100+00.00 TO STA. 128+16.85

PROPOSED ALIGNMENT CURVE DATA

PROP. CURVE LFALI11
 PI STA. = 101+51.92
 $\Delta = 38^\circ 48' 36''$ (RT)
 $D = 63^\circ 39' 43''$
 $R = 90.00'$
 $T = 31.70'$
 $L = 60.96'$
 $E = 5.42'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 101+20.22
 P.T. STA = 101+81.18

PROP. CURVE LFALI12
 PI STA. = 102+06.51
 $\Delta = 38^\circ 39' 05''$ (LT)
 $D = 79^\circ 19' 47''$
 $R = 72.22'$
 $T = 25.33'$
 $L = 48.72'$
 $E = 4.31'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 101+81.18
 P.T. STA = 102+29.90

PROP. CURVE LFALI13
 PI STA. = 108+19.00
 $\Delta = 41^\circ 12' 51''$ (LT)
 $D = 113^\circ 42' 22''$
 $R = 50.39'$
 $T = 18.95'$
 $L = 36.25'$
 $E = 3.44'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 108+00.05
 P.T. STA = 108+36.30

PROP. CURVE LFALI14
 PI STA. = 108+47.93
 $\Delta = 37^\circ 10' 08''$ (RT)
 $D = 165^\circ 39' 08''$
 $R = 34.59'$
 $T = 11.63'$
 $L = 22.44'$
 $E = 1.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 108+36.30
 P.T. STA = 108+58.74

PROP. CURVE LFALI15
 PI STA. = 109+84.17
 $\Delta = 37^\circ 04' 15''$ (RT)
 $D = 148^\circ 14' 49''$
 $R = 38.65'$
 $T = 12.96'$
 $L = 25.01'$
 $E = 2.11'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 109+71.21
 P.T. STA = 109+96.22

PROPOSED ALIGNMENT CURVE DATA (CONT.)

PROP. CURVE LFALI16
 PI STA. = 110+12.12
 $\Delta = 42^\circ 11' 38''$ (LT)
 $D = 138^\circ 58' 52''$
 $R = 41.23'$
 $T = 15.91'$
 $L = 30.36'$
 $E = 2.96'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 109+96.22
 P.T. STA = 110+26.58

PROP. CURVE LFALI17
 PI STA. = 113+06.92
 $\Delta = 23^\circ 42' 56''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 21.00'$
 $L = 41.39'$
 $E = 2.18'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 112+85.92
 P.T. STA = 113+27.32

PROP. CURVE LFALI18
 PI STA. = 113+49.56
 $\Delta = 25^\circ 04' 42''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 22.24'$
 $L = 43.77'$
 $E = 2.44'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 113+27.32
 P.T. STA = 113+71.09

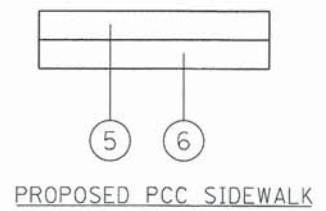
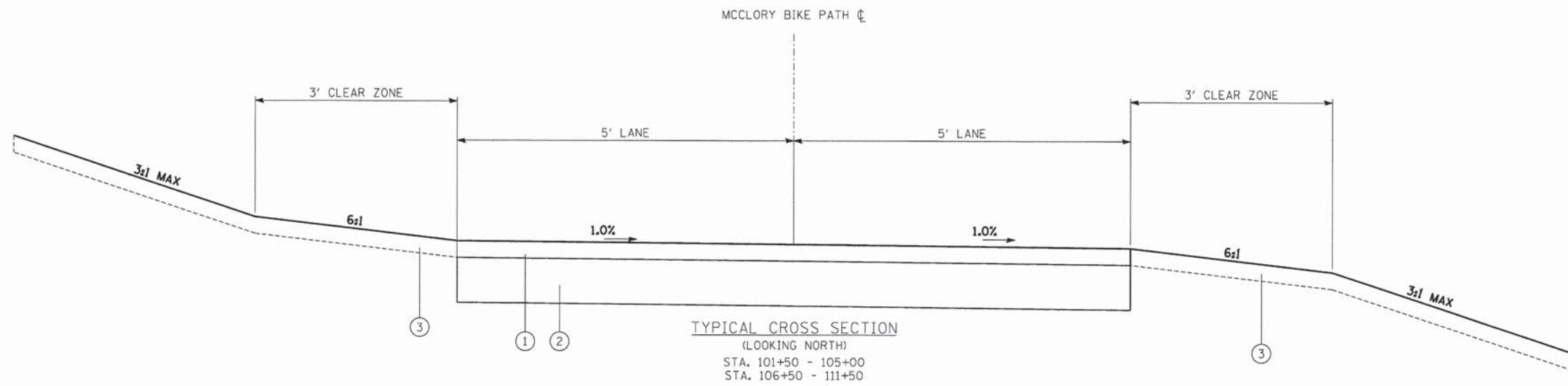
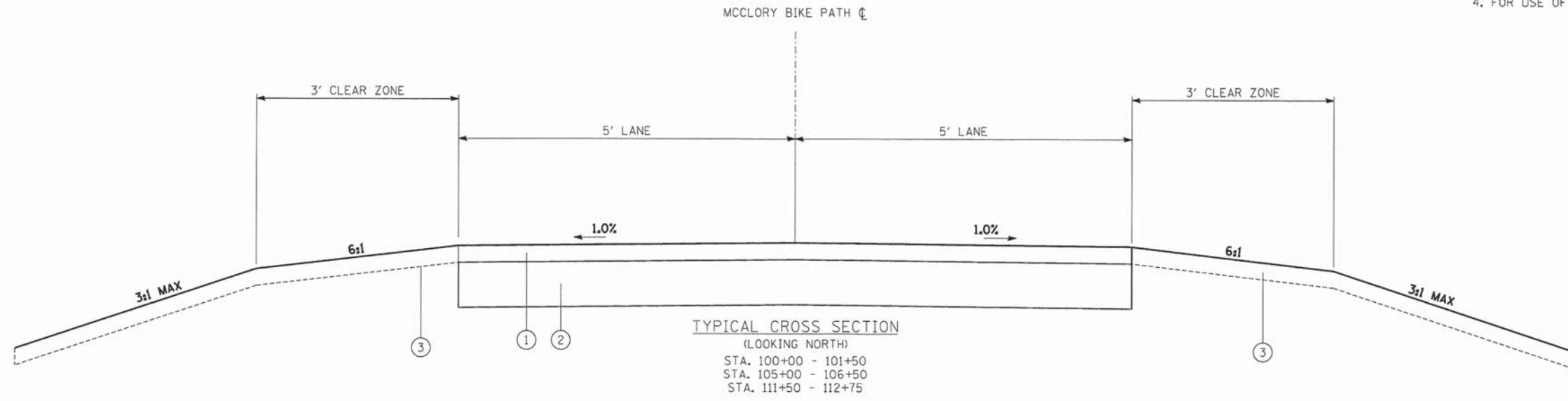
PROP. CURVE LFALI19
 PI STA. = 126+27.23
 $\Delta = 34^\circ 24' 58''$ (LT)
 $D = 71^\circ 37' 11''$
 $R = 80.00'$
 $T = 24.78'$
 $L = 48.05'$
 $E = 3.75'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 126+02.46
 P.T. STA = 126+50.51

PROP. CURVE LFALI110
 PI STA. = 126+86.17
 $\Delta = 33^\circ 05' 49''$ (RT)
 $D = 47^\circ 44' 47''$
 $R = 120.00'$
 $T = 35.66'$
 $L = 69.32'$
 $E = 5.19'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA = 126+50.51
 P.T. STA = 127+19.83

TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		ALIGNMENT PLAN		12-00093-00-BT	LAKE	63	7	
	CHECKED - DBD	REVISED -		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -								

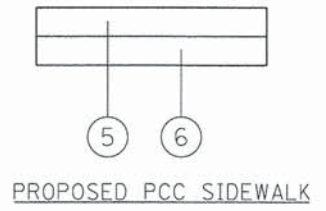
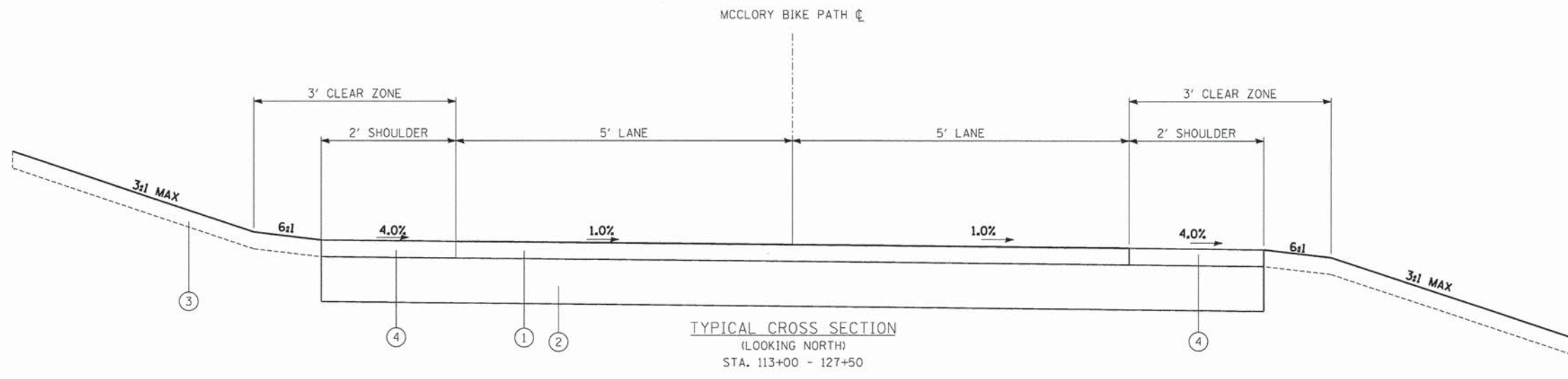
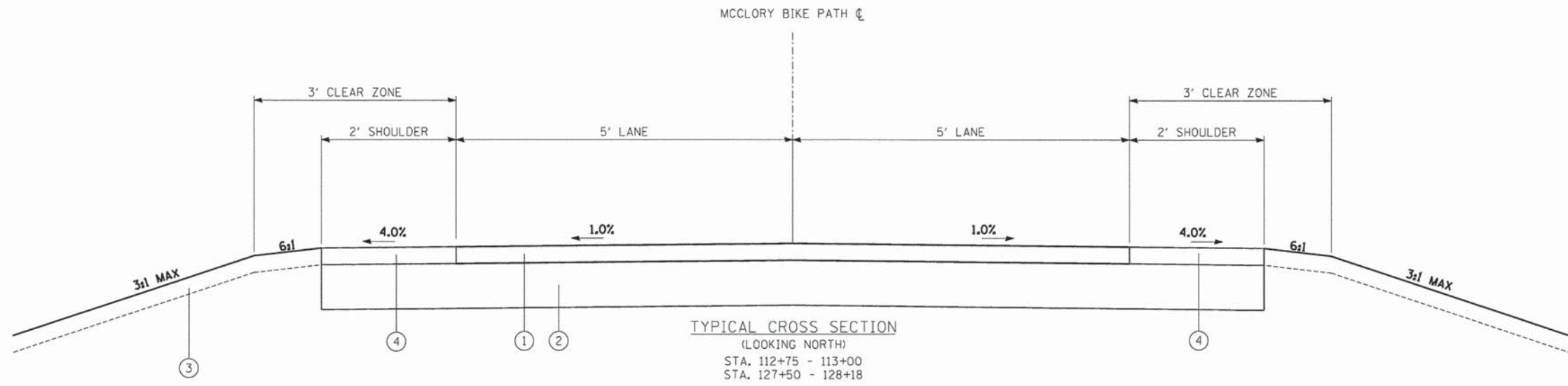
HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR Voids @ Ndes
HOT-MIX ASPHALT SURFACE COURSE MIX "D" N50	4% @ 50 Gyr

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS
4. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS



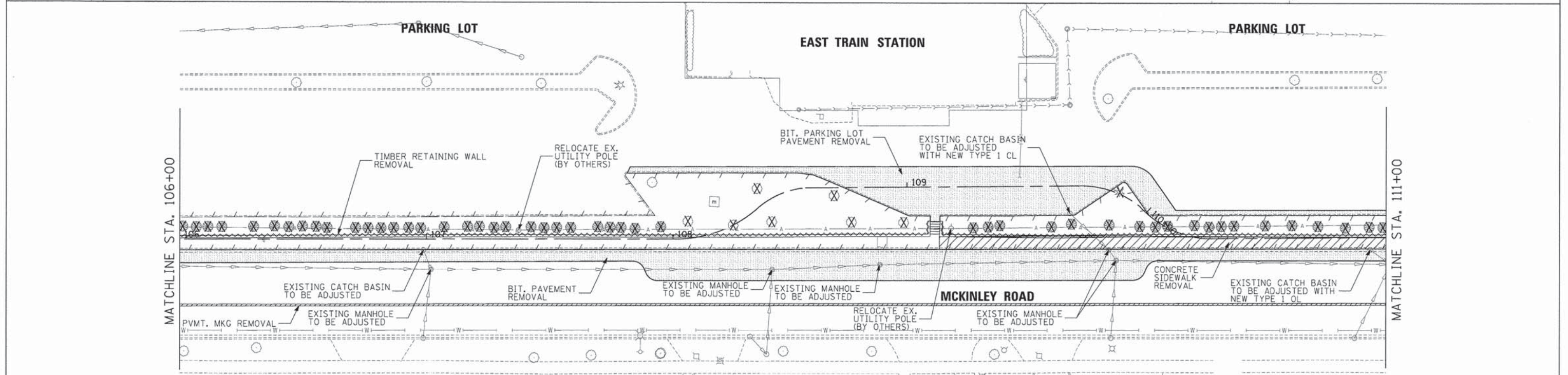
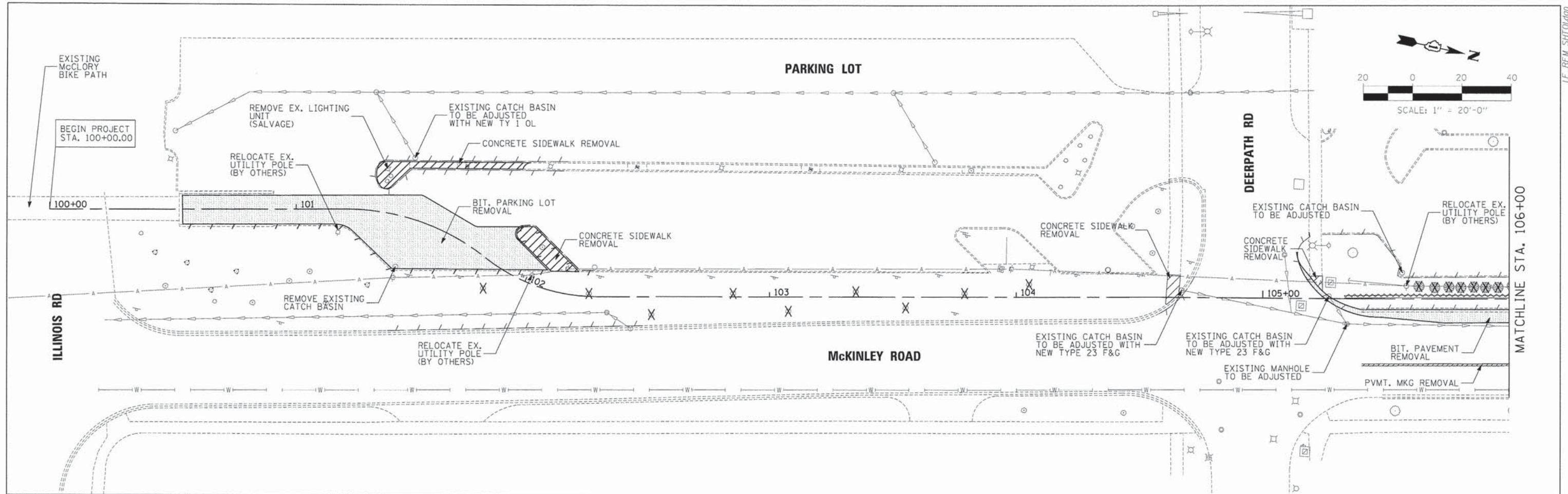
- 1 3" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- 2 AGGREGATE BASE COURSE, TYPE B 8"
- 3 PLACING TOPSOIL, 4" PLANTINGS PER LANDSCAPING PLAN TBD
- 4 3" AGGREGATE SURFACE COURSE, TYPE B
- 5 5" PCC SIDEWALK
- 6 AGGREGATE BASE COURSE, TYPE B 4"

TYLIN INTERNATIONAL PLOT DATE = 5/29/2014	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLOSKEY BIKE PATH PROPOSED TYPICAL SECTIONS			F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	12-00093-00-BT	LAKE	63	8	
	CHECKED - DBD	REVISED -					CONTRACT NO. 61A61				
	DATE - 5/12/2014	REVISED -									



- ① 3" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ② AGGREGATE BASE COURSE, TYPE B 8"
- ③ PLACING TOPSOIL, 4" PLANTINGS PER LANDSCAPING PLAN TBD
- ④ 3" AGGREGATE SURFACE COURSE, TYPE B
- ⑤ 5" PCC SIDEWALK
- ⑥ AGGREGATE BASE COURSE, TYPE B 4"

TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED TYPICAL SECTIONS		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	12-00093-00-BT	LAKE	63	9
PLOT DATE - 5/29/2014	CHECKED - DBD	REVISED -				CONTRACT NO. 61A61				
	DATE - 5/12/2014	REVISED -								

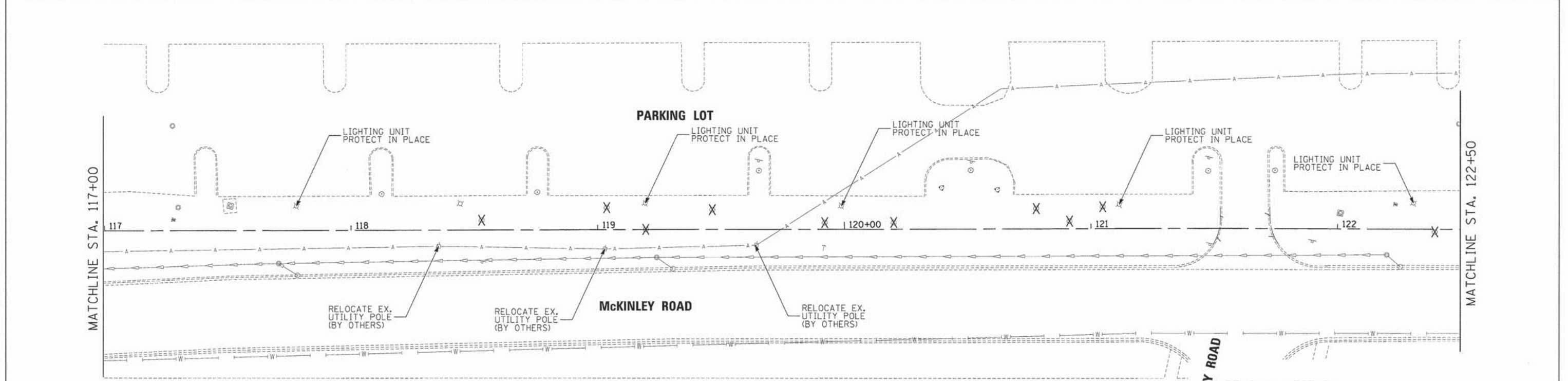
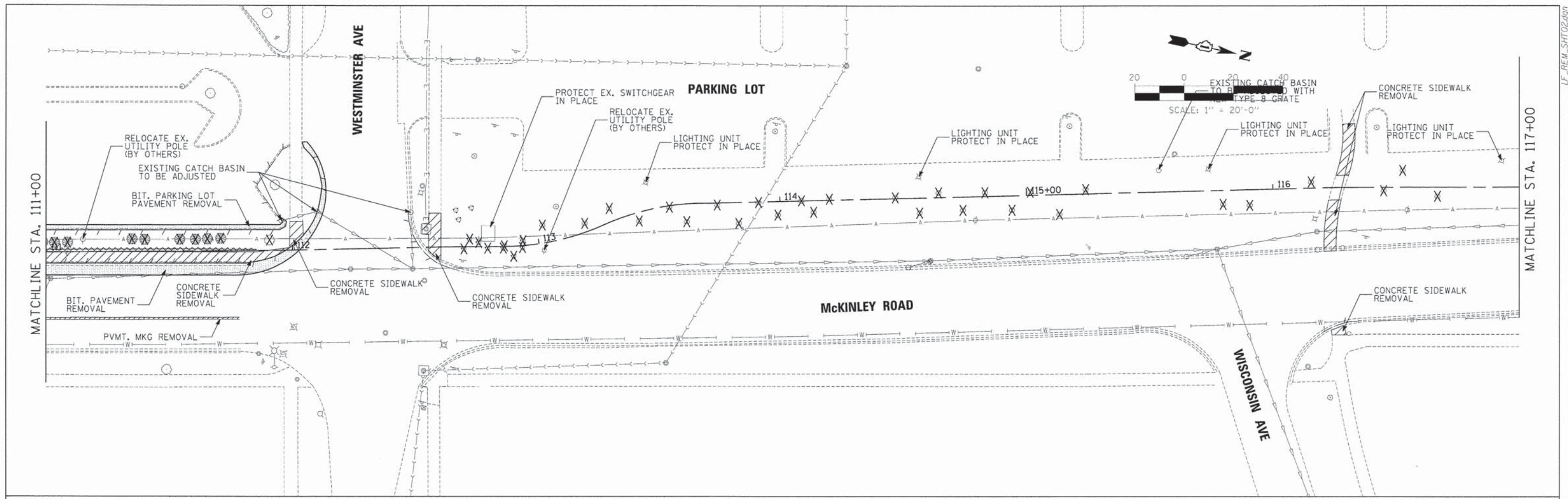


NOTE:
SEE TREE PRESERVATION PLANS FOR DETAILS AND DIRECTION ON TREE AND SHRUB REMOVAL AND PROTECTION.

REMOVAL LEGEND:

	CURB REMOVAL		TIMBER RETAINING WALL REMOVAL
	PAVEMENT MARKING REMOVAL		TREE REMOVAL
	CONCRETE SIDEWALK REMOVAL		BITUMINOUS PAVEMENT REMOVAL

TYLIN INTERNATIONAL PLOT DATE = 5/29/2014	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH REMOVAL PLAN		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA. 100+00 TO STA. 111+00	12-00093-00-BT	LAKE	63	10
	CHECKED - DBD	REVISED -						CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -								

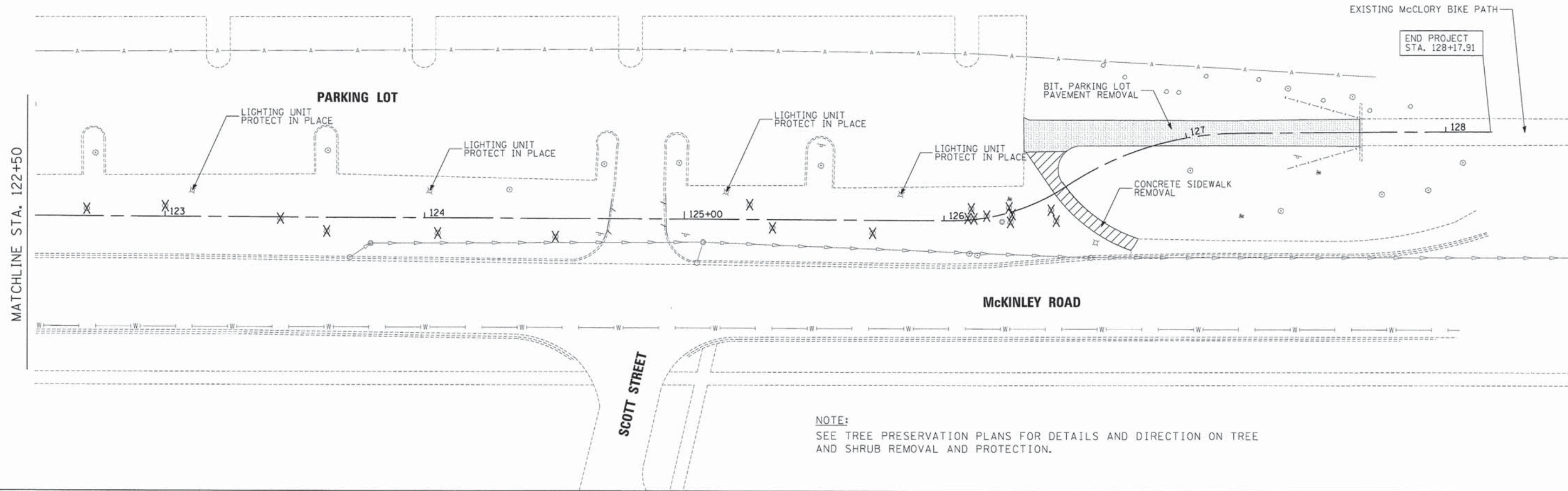


NOTE:
SEE TREE PRESERVATION PLANS FOR DETAILS AND DIRECTION ON TREE AND SHRUB REMOVAL AND PROTECTION.

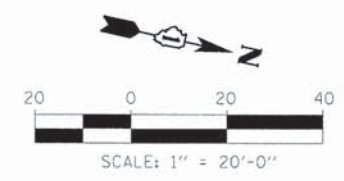
REMOVAL LEGEND:

	CURB REMOVAL		TIMBER RETAINING WALL REMOVAL
	PAVEMENT MARKING REMOVAL		TREE REMOVAL
	CONCRETE SIDEWALK REMOVAL		BITUMINOUS PAVEMENT REMOVAL

TYLIN INTERNATIONAL PLOT DATE: 5/29/2014	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CITY OF LAKE FOREST MCCLORY BIKE PATH REMOVAL PLAN		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 3 SHEETS	STA. 111+00 TO STA. 122+50	12-00093-00-BT	LAKE	63	11
	CHECKED - DBD	REVISED -					CONTRACT NO. 61A61				
	DATE - 5/12/2014	REVISED -									



NOTE:
SEE TREE PRESERVATION PLANS FOR DETAILS AND DIRECTION ON TREE AND SHRUB REMOVAL AND PROTECTION.



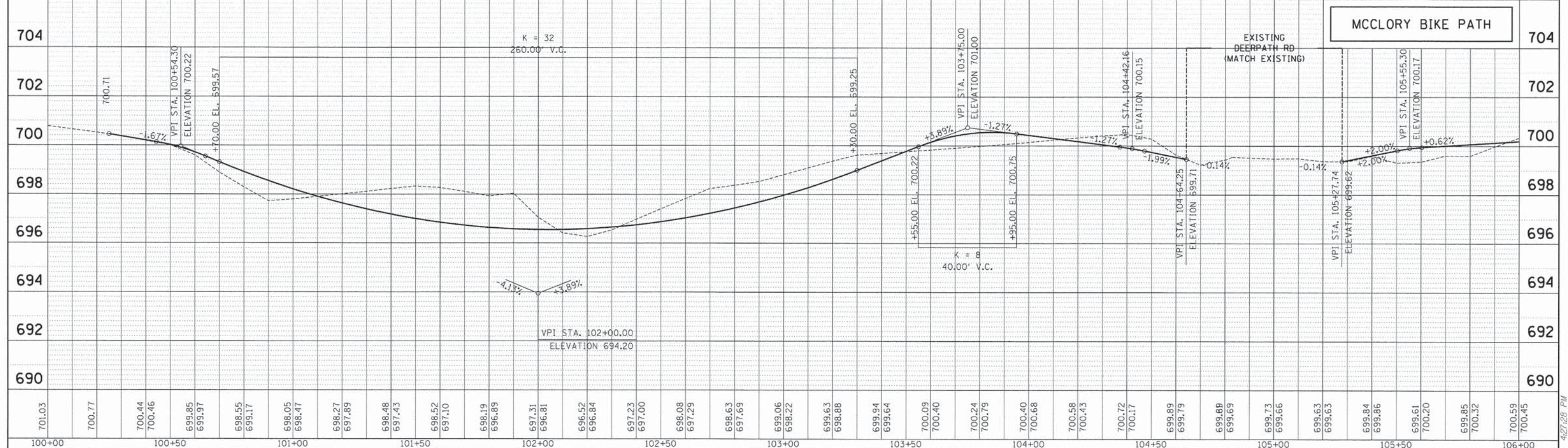
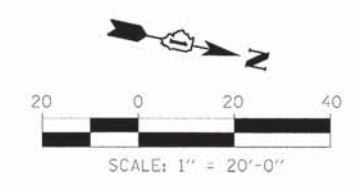
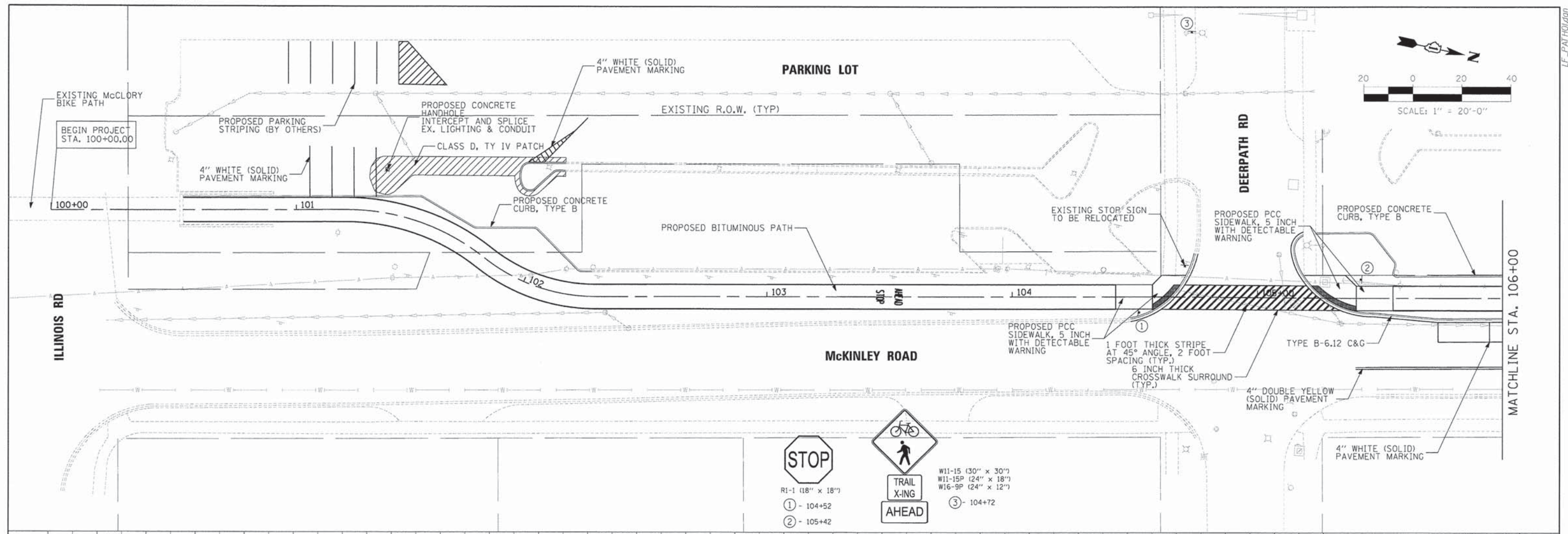
REMOVAL LEGEND:

CURB REMOVAL	TIMBER RETAINING WALL REMOVAL
PAVEMENT MARKING REMOVAL	TREE REMOVAL
CONCRETE SIDEWALK REMOVAL	BITUMINOUS PAVEMENT REMOVAL

TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST McCLORY BIKE PATH REMOVAL PLAN		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA. 122+50 TO STA. END	12-00093-00-BT	LAKE	63	12
	CHECKED - DBD	REVISED -						CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -								

PLAN	SURVEYED	DATE
	BY	
	NO. OF SHEETS	
	NO. OF THIS SHEET	
	DATE	

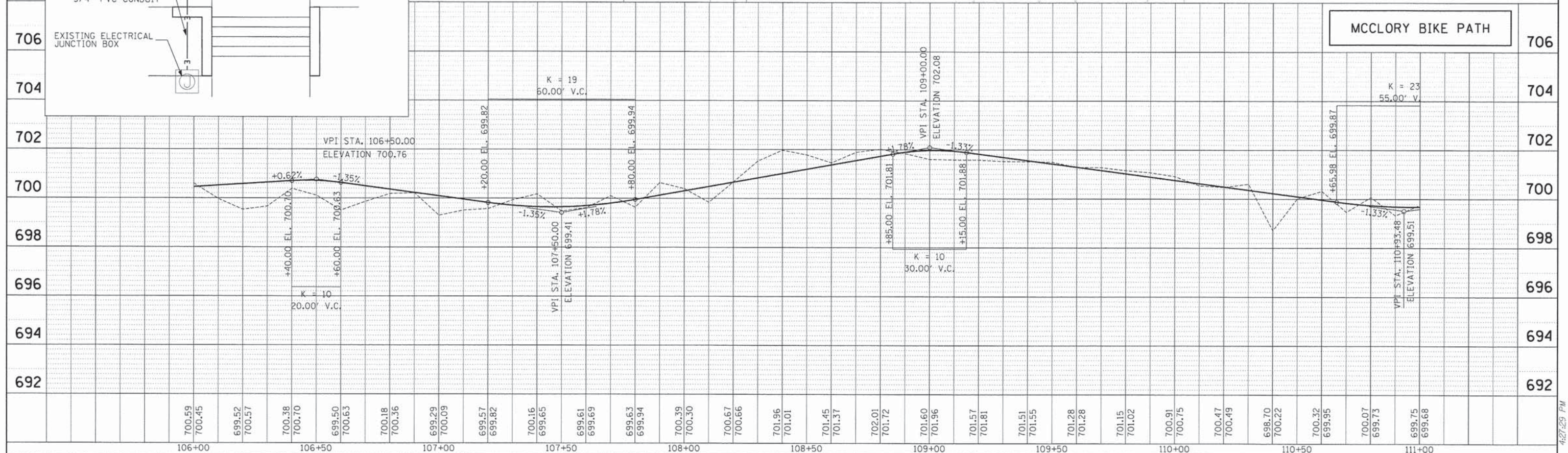
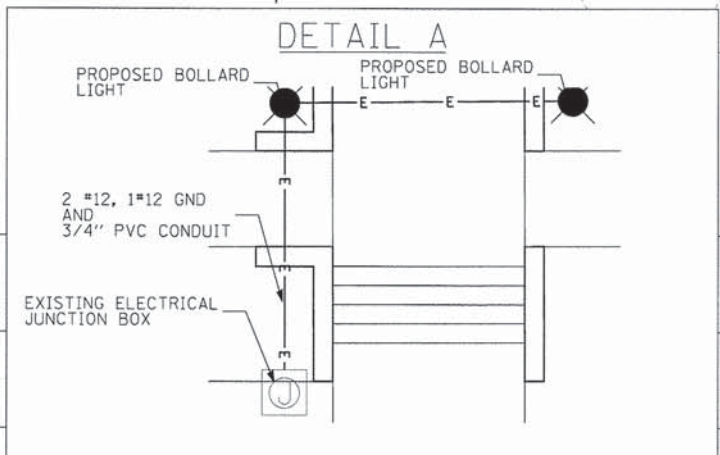
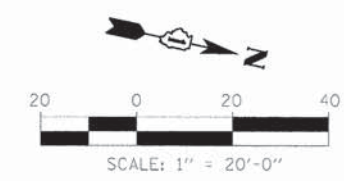
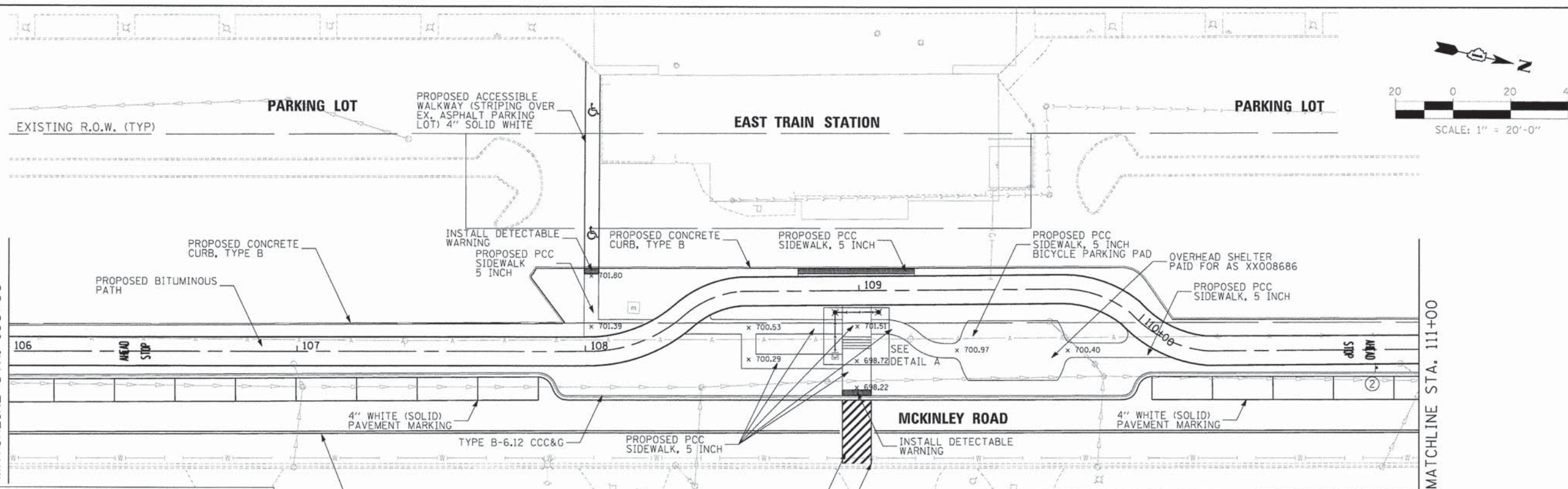
PROFILE	SURVEYED	DATE
	BY	
	NO. OF SHEETS	
	NO. OF THIS SHEET	
	DATE	



TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST McCLORY BIKE PATH		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		PROPOSED PLAN AND PROFILE		12-00093-00-BT	LAKE	63	13	
	CHECKED - DBD	REVISED -		SCALE: 1" = 20'		SHEET NO. 1 OF 5 SHEETS		CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -		STA. 100+00 TO STA. 106+00						

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

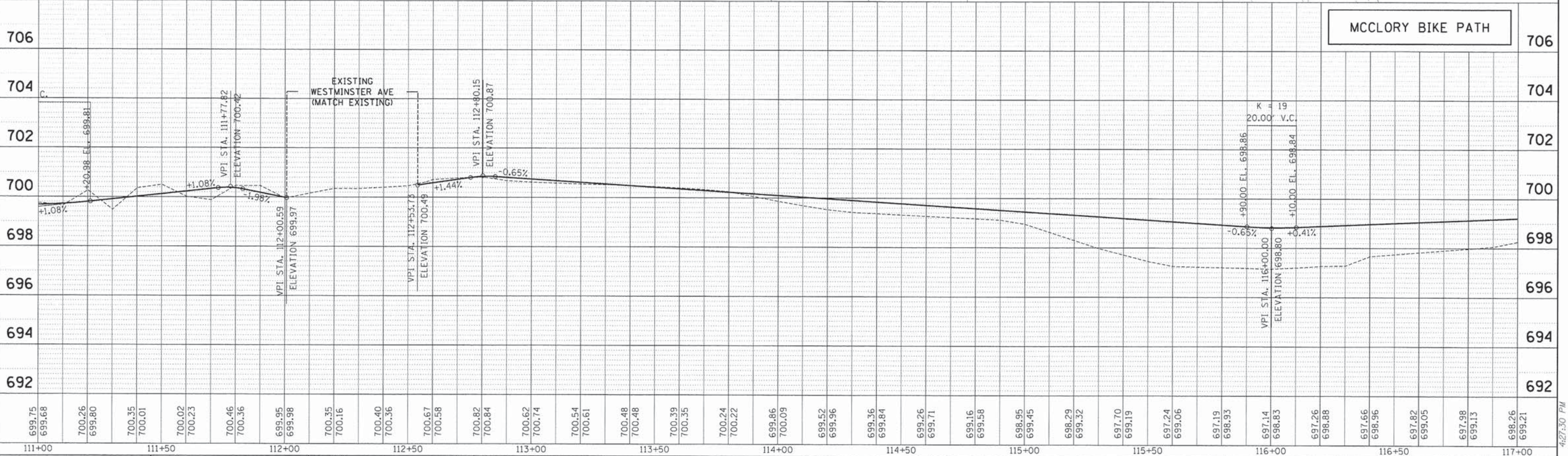
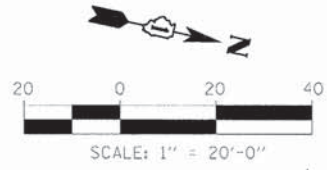
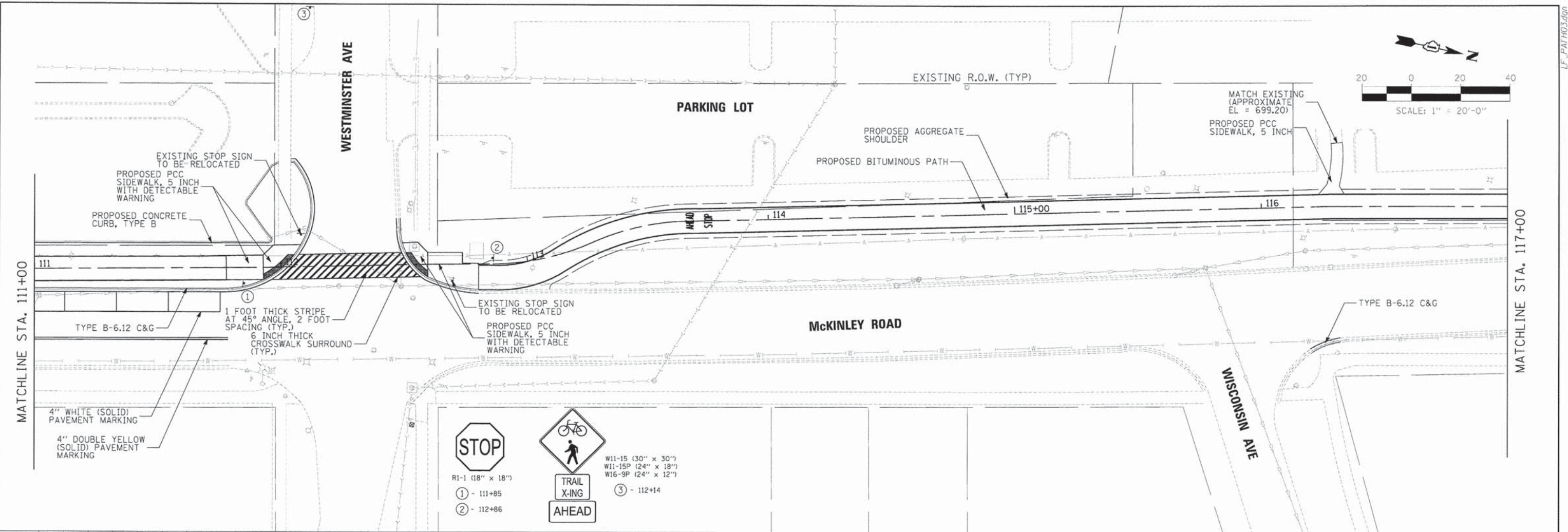
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	FILE NAME	



TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		PROPOSED PLAN AND PROFILE		12-00093-00-BT	LAKE	63	14	
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	DATE - 5/12/2014	REVISED -		STA. 106+00 TO STA. 111+00						

PLAN SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. / DATE
 STRUCTURE NOTATIONS CITY

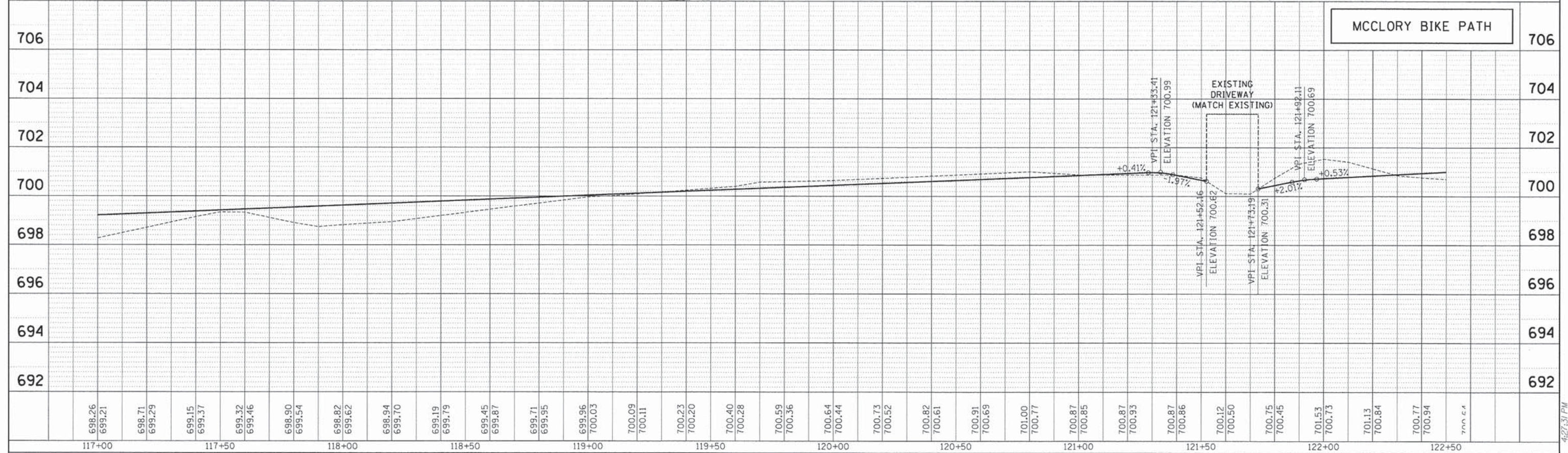
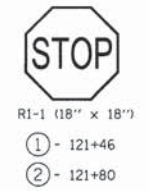
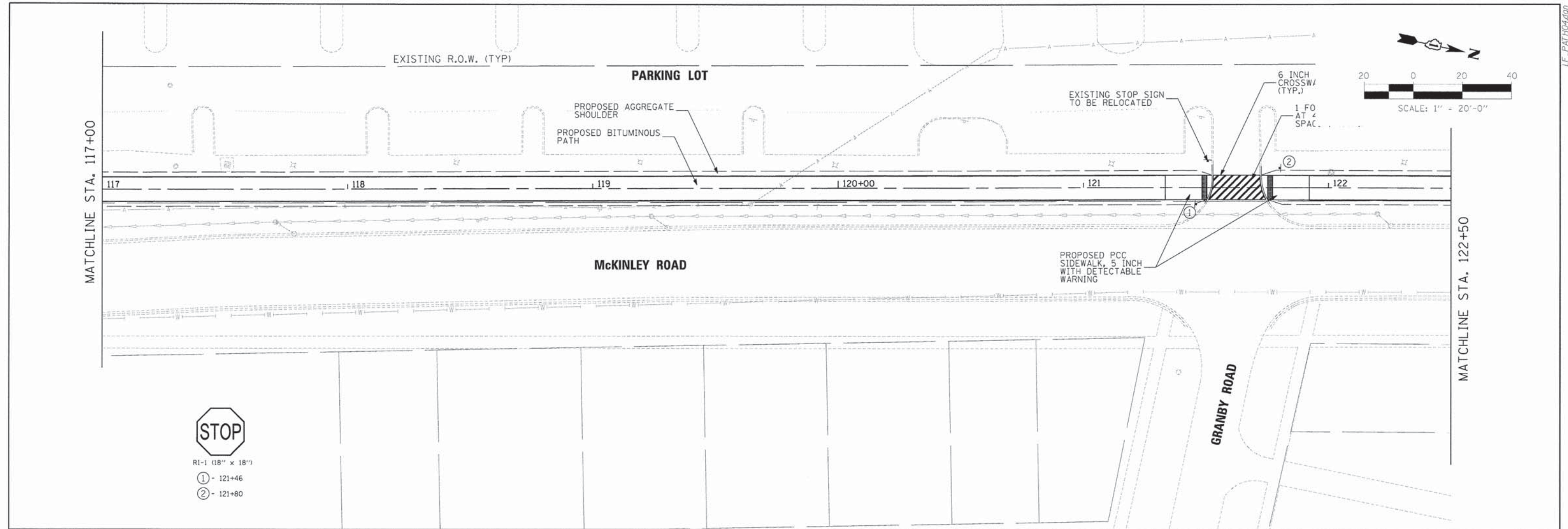
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 PLOTTED BY
 NOTE BOOK NO. / DATE
 STRUCTURE NOTATIONS CITY



TYLIN INTERNATIONAL PLOT SCALE = 48,000" / 1" / 1" PLOT DATE = 5/29/2014	DESIGNED - PP DRAWN - PP CHECKED - DBD DATE - 5/12/2014	REVISED - 5/29/2014 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED PLAN AND PROFILE	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. CONTRACT NO.
	SCALE: 1" = 20' SHEET NO. 3 OF 5 SHEETS STA. 111+00 TO STA. 117+00	12-00093-00-BT LAKE 63 15 61A61			

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	
	FILE NAME	

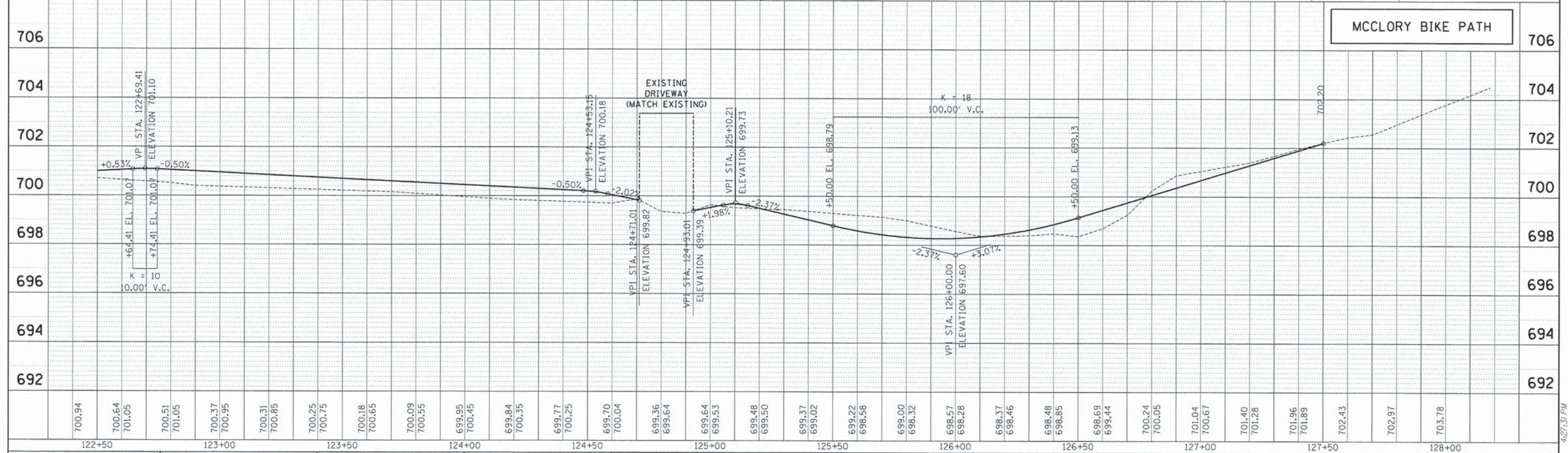
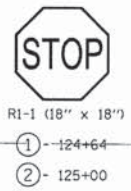
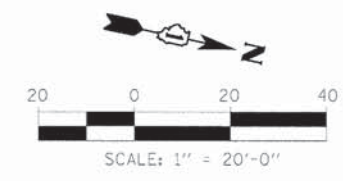
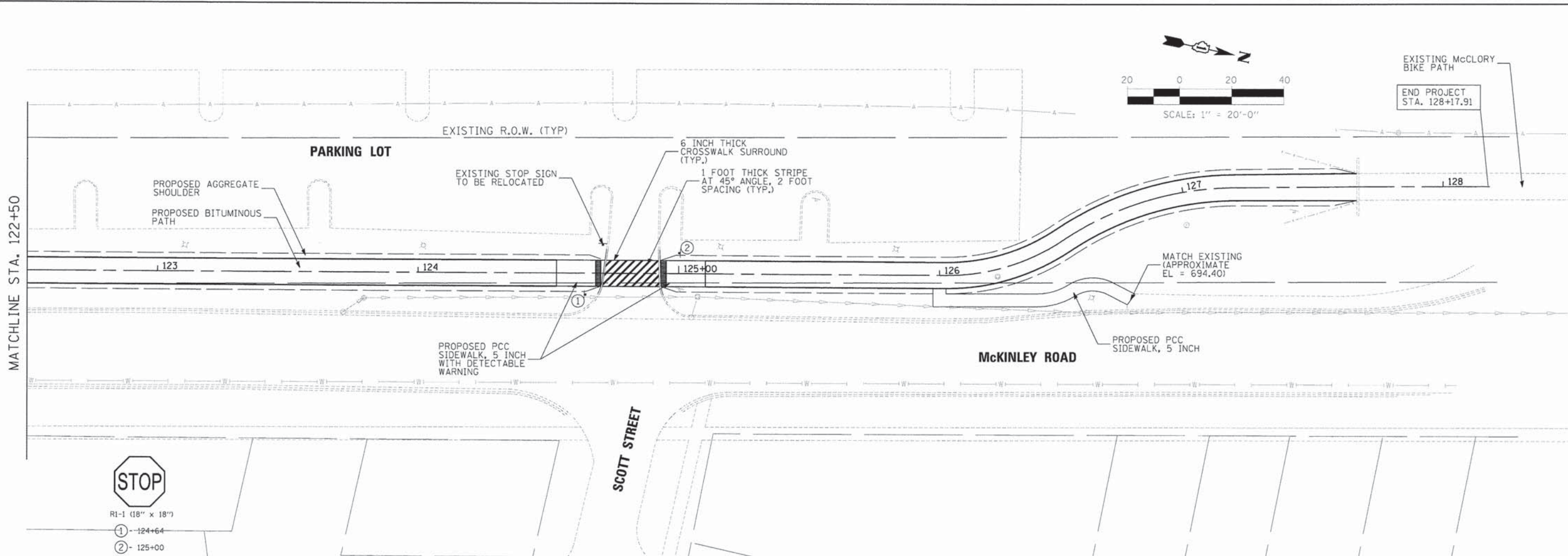
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	PLOTTED	BY
	CHECKED	
	NO. _____	
	FILE NAME	



TYLIN INTERNATIONAL PLOT SCALE = 40,0000' / in. PLOT DATE = 5/29/2014	DESIGNED - PP DRAWN - PP CHECKED - DBD DATE - 5/12/2014	REVISED - 5/29/2014 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED PLAN AND PROFILE	F.A. R.T.E. SECTION 12-00093-00-BT COUNTY LAKE CONTRACT NO. 61A61	TOTAL SHEETS 63 SHEET NO. 16 CONTRACT NO. 61A61
	SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 117+00 TO STA. 122+50			5/29/2014 4:27:31 PM		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	DESIGNED	
	NO. _____	

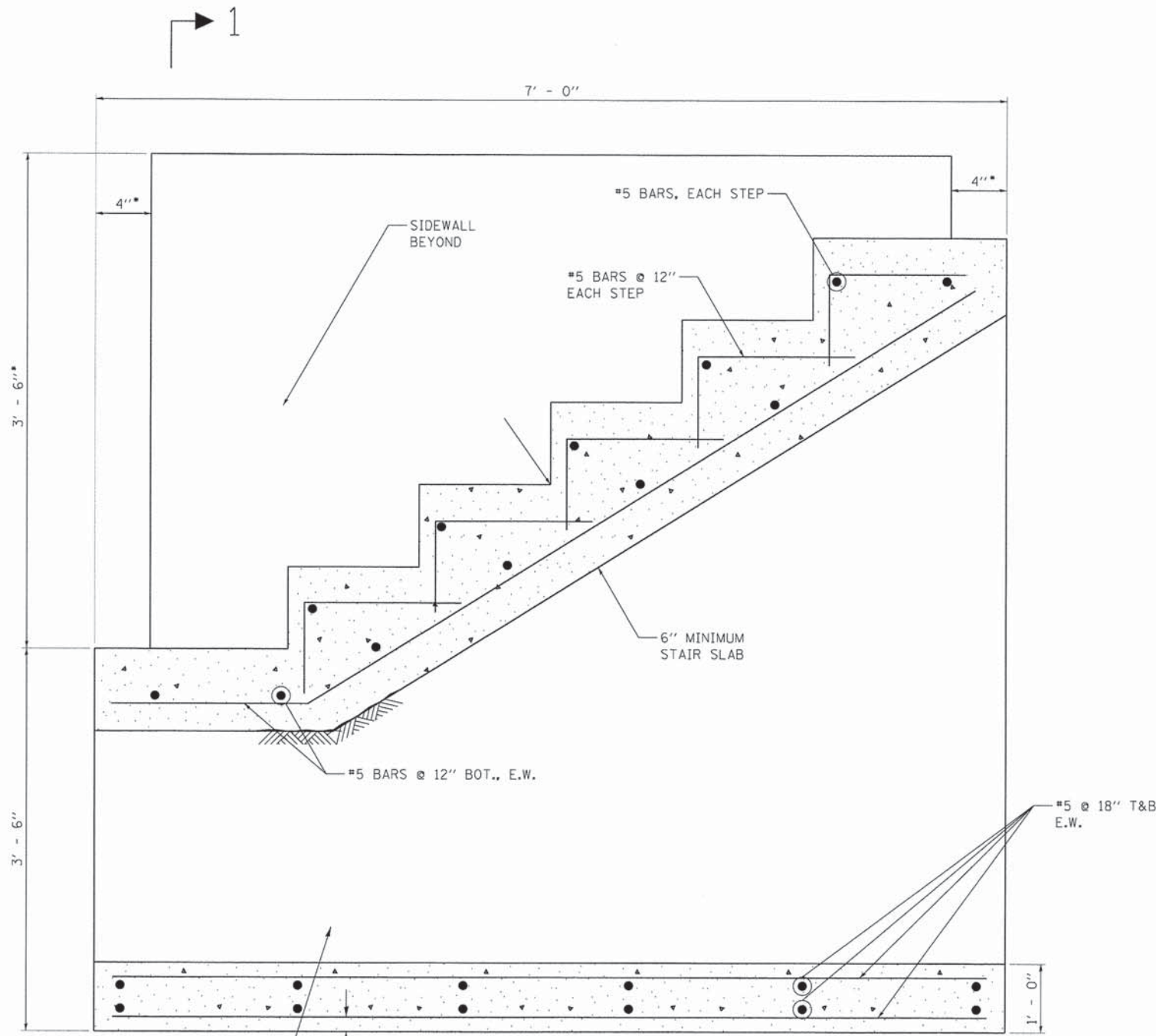
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	CHECKED	
	DESIGNED	
	NO. _____	



TYLIN INTERNATIONAL PLOT SCALE = 48.0000" / in. PLOT DATE = 5/29/2014	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST McCLORY BIKE PATH PROPOSED PLAN AND PROFILE		F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SCALE: 1" = 20'	SHEET NO. 5 OF 5 SHEETS	STA. 122+50 TO STA. END	12-00093-00-BT	LAKE	63	17
	CHECKED - DBD	REVISED -								CONTRACT NO. 61A61
	DATE - 5/12/2014	REVISED -								

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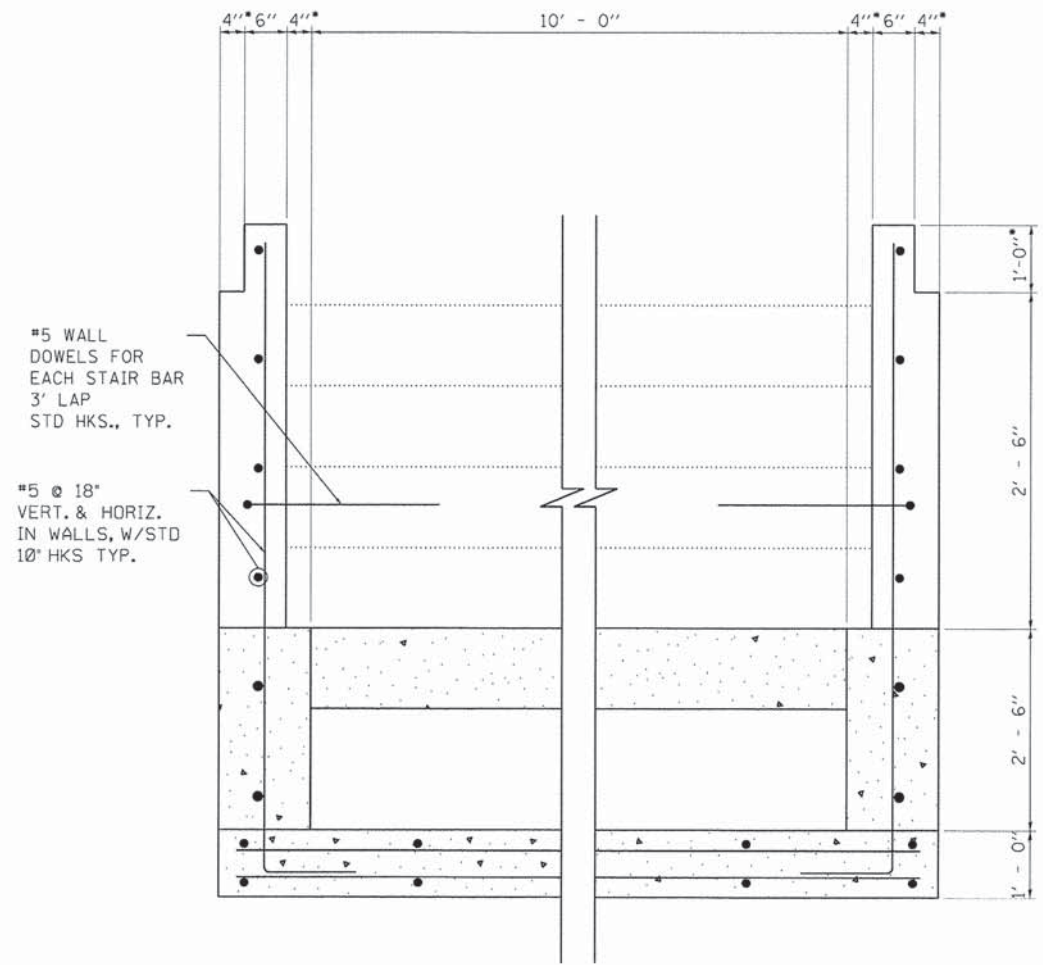
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	DRAWN - PP	REVISED -		GENERAL NOTES, LIST OF HIGHWAY STANDARDS & LEGEND		12-00093-00-BT	LAKE	63	18	
	CHECKED - DBD	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -								



SECTION THROUGH STAIR

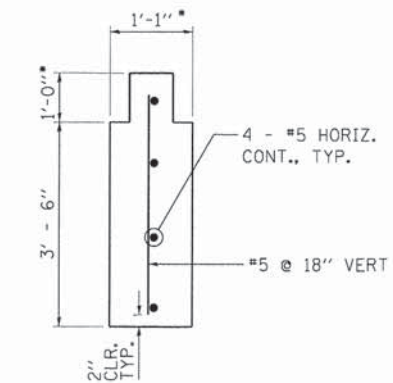
COMPACTED FILL BETWEEN WALLS TYP.

- COORDINATE BRICK LEDGE DIMENSIONS WITH MASONRY WORK
COORDINATE STAIR GEOMETRY WITH ARCHITECTURAL DRAWINGS.
- 2" CLEAR COVER TO BARS, UNLESS NOTED OTHERWISE
- PROVIDE FORMED SLEEVE TO FORM HANDRAIL POST BASE ANCHORS. COORDINATE SLEEVE LOCATION WITH RAIL AND ARCHITECTURAL DETAILS.
- GROUT RAIL POST BASES INTO POCKETS WITH IDOT APPROVED NON-SHRINK GROUT. THE COST OF THIS WORK SHALL BE INCLUDED WITH CONCRETE STRUCTURES.



SECTION 1

• COORDINATE BRICK LEDGE DIMENSIONS WITH MASONRY WORK



TYPICAL LOW BRICK RETAINING WALL

• COORDINATE BRICK LEDGE DIMENSIONS WITH MASONRY WORK

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DESIGNED - PDF	REVISED - 5/29/2014
DRAWN - PP	REVISED -
CHECKED - PDF	REVISED -
DATE - 5/12/2014	REVISED -

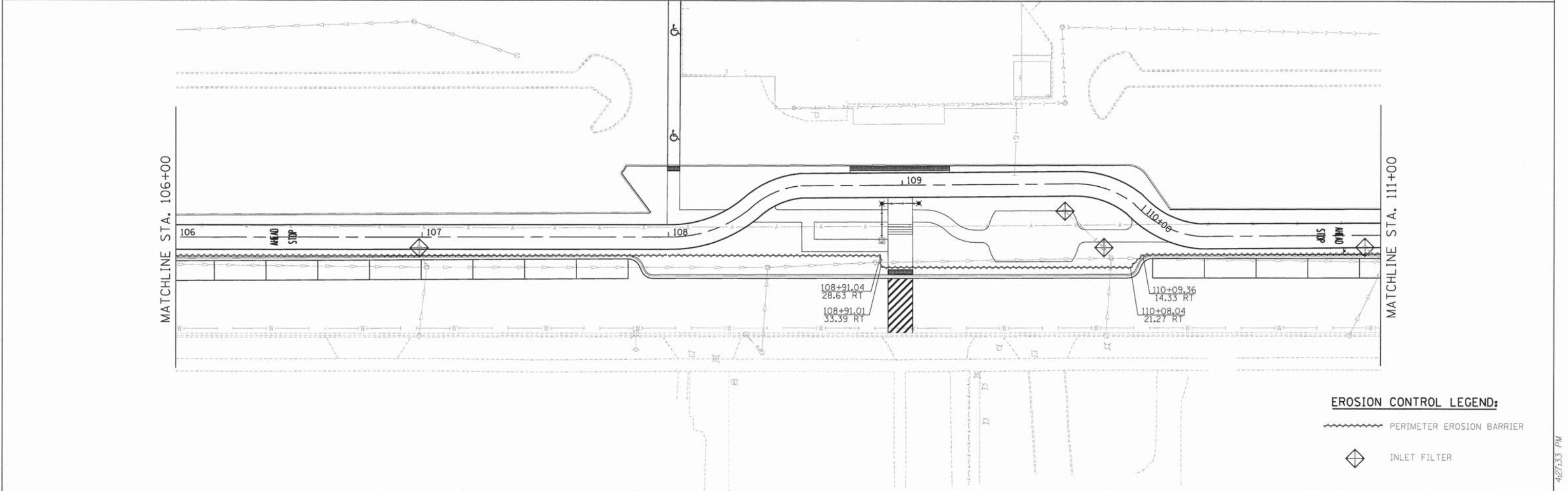
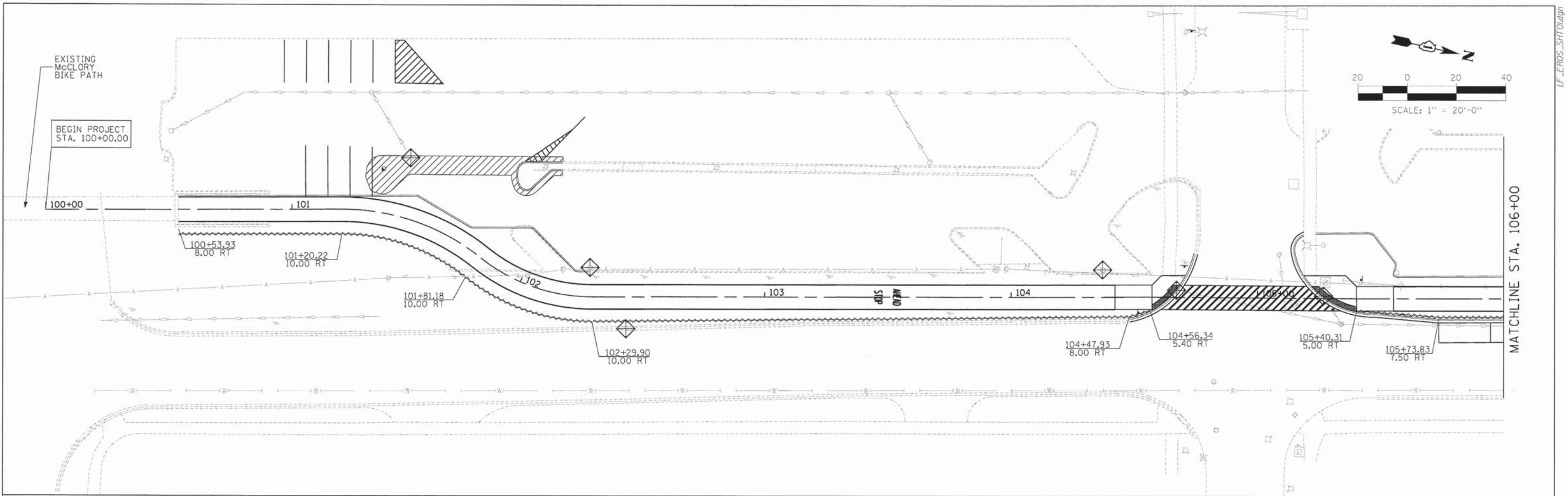
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DRAWN - PP	REVISED -
CHECKED - PDF	REVISED -
DATE - 5/12/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
STAIRS, STAIR WALLS, AND LOW RETAINING WALL DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	19
CONTRACT NO. 61A61				



- EROSION CONTROL LEGEND:**
- PERIMETER EROSION BARRIER
 - INLET FILTER

TYLIN INTERNATIONAL

DESIGNED - PP
 DRAWN - PP
 CHECKED - DBD
 DATE - 5/12/2014

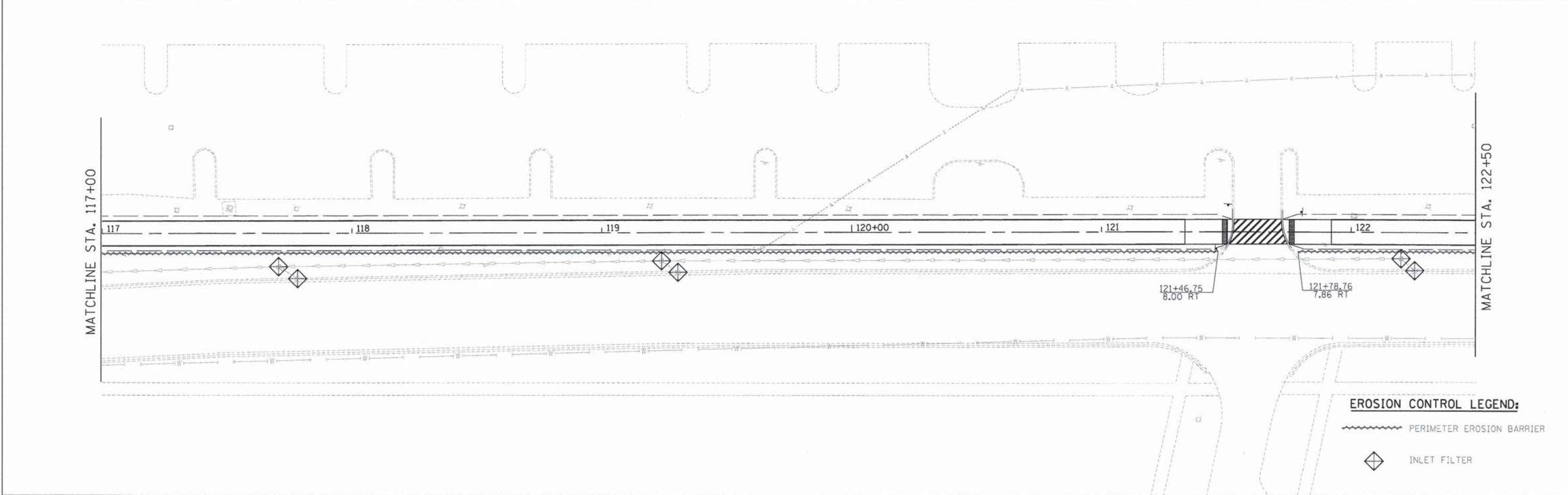
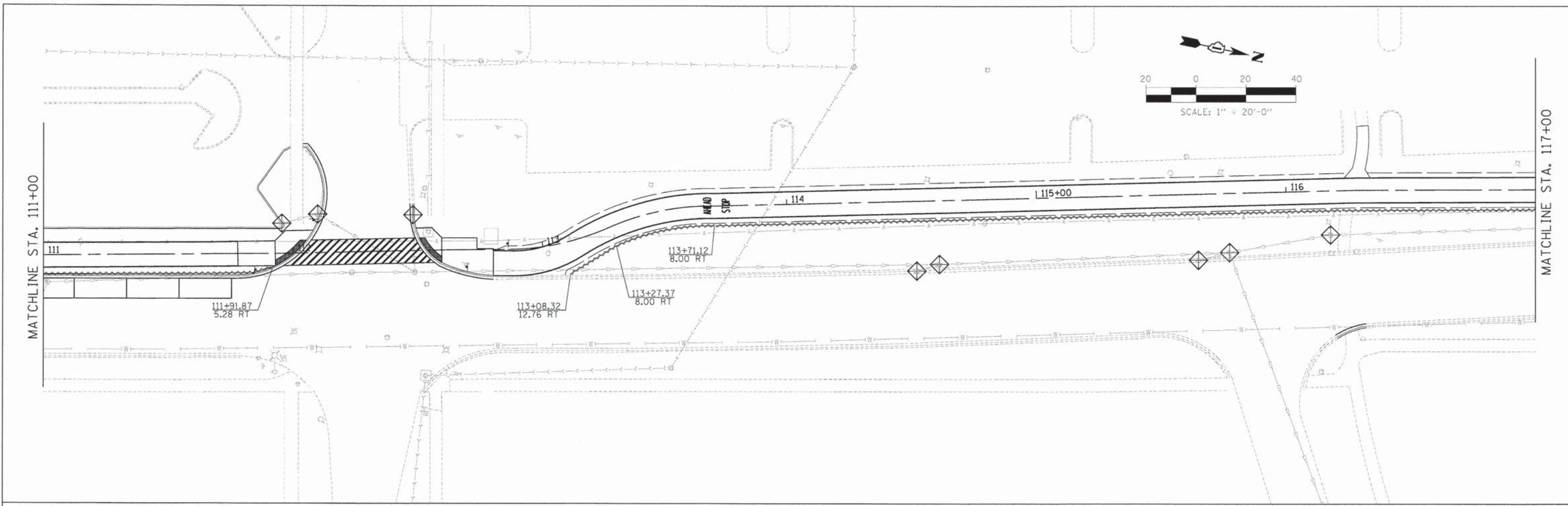
REVISED - 5/29/2014
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**CITY OF LAKE FOREST MCCLORY BIKE PATH
 EROSION CONTROL PLAN**

SCALE: 1" = 20'
 SHEET NO. 1 OF 3 SHEETS
 STA. 100+00 TO STA. 111+00

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	20
CONTRACT NO. 61A61				



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 DATE - 5/12/2014

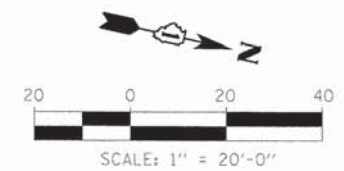
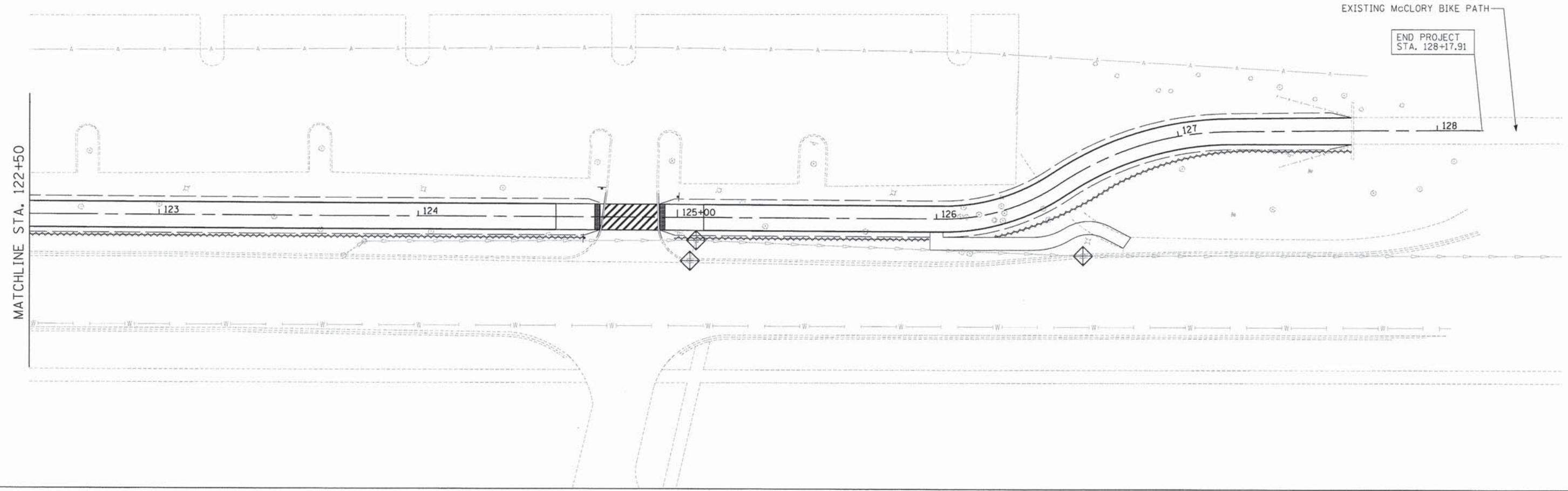
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
 EROSION CONTROL PLAN**

SCALE: 1" = 20'
 SHEET NO. 2 OF 3 SHEETS
 STA. 111+00 TO STA. 122+50

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	21
CONTRACT NO. 61A61				



EROSION CONTROL LEGEND:

- PERIMETER EROSION BARRIER
- INLET FILTER

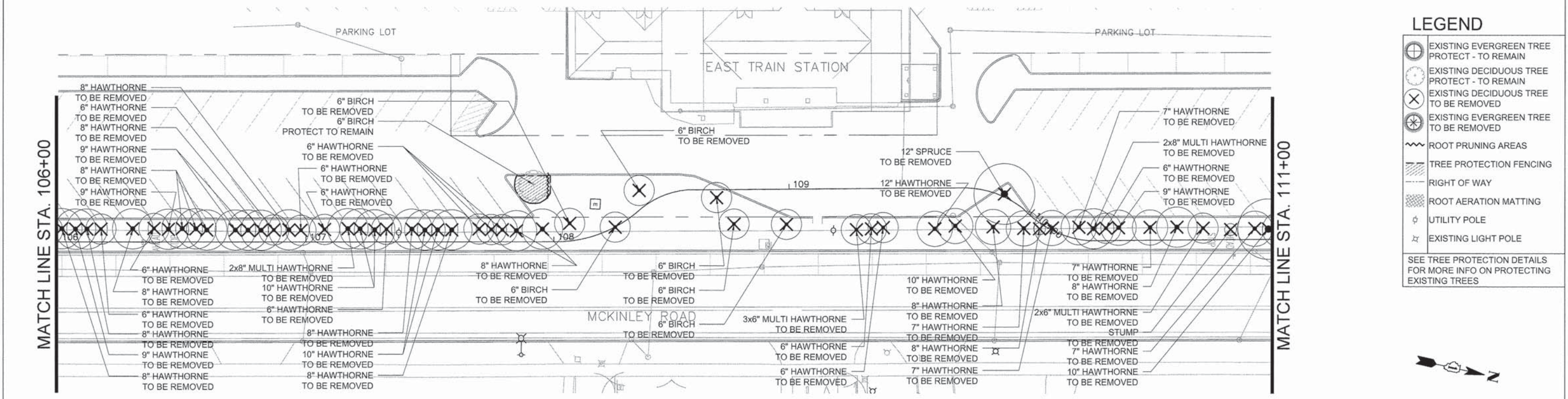
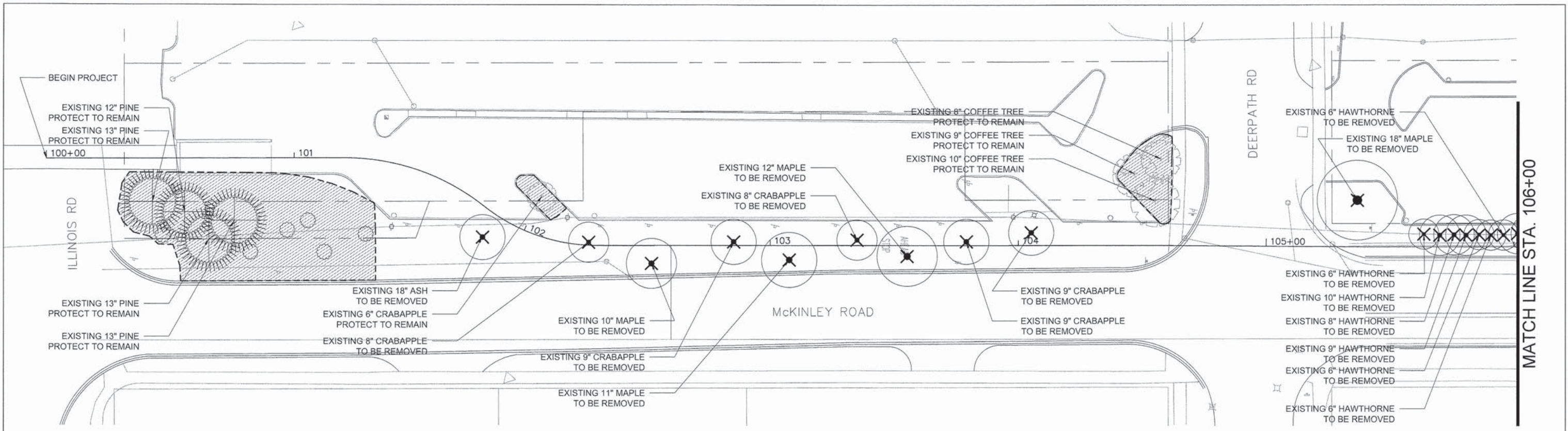
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	DRAWN - PP	REVISED -
	CHECKED - DBD	REVISED -
	DATE - 5/12/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 122+50 TO STA. END

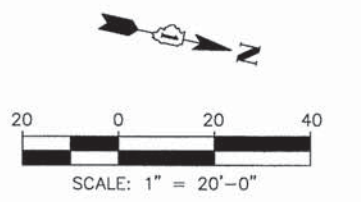
F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	22
CONTRACT NO. 61A61				



LEGEND

- EXISTING EVERGREEN TREE PROTECT - TO REMAIN
- EXISTING DECIDUOUS TREE PROTECT - TO REMAIN
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING EVERGREEN TREE TO BE REMOVED
- ROOT PRUNING AREAS
- TREE PROTECTION FENCING
- RIGHT OF WAY
- ROOT AERATION MATTING
- UTILITY POLE
- EXISTING LIGHT POLE

SEE TREE PROTECTION DETAILS FOR MORE INFO ON PROTECTING EXISTING TREES



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PLOT DATE =	CHECKED -- JB	REVISED --
	DATE -- 5/12/2014	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

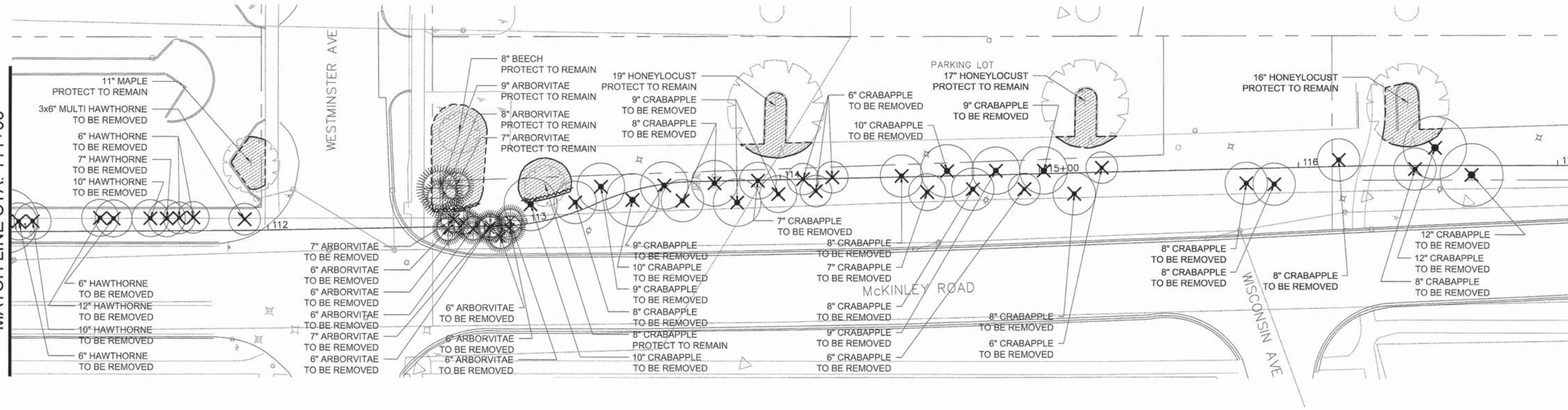
CITY OF LAKE FOREST MCCLORY BIKE PATH
 TREE PRESERVATION AND REMOVAL PLAN
 SCALE: 1"=20'-0" SHEET NO. 1 OF 3 SHEETS STA. 100+00 TO STA. 111+00

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	23
CONTRACT NO.			61A6	

\$ DATE\$

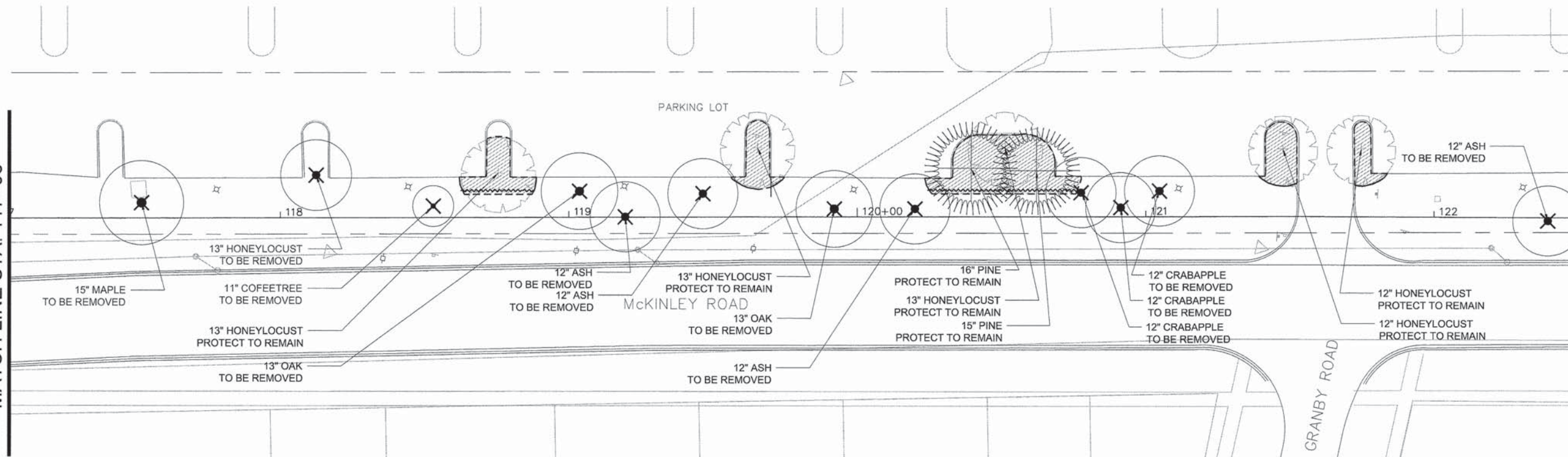
MATCH LINE STA. 111+00

MATCH LINE STA. 117+06



MATCH LINE STA. 117+06

MATCH LINE STA. 122+50



LEGEND

- EXISTING EVERGREEN TREE PROTECT - TO REMAIN
- EXISTING DECIDUOUS TREE PROTECT - TO REMAIN
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING EVERGREEN TREE TO BE REMOVED
- ROOT PRUNING AREAS
- TREE PROTECTION FENCING
- RIGHT OF WAY
- ROOT AERATION MATTING
- UTILITY POLE
- EXISTING LIGHT POLE

SEE TREE PROTECTION DETAILS FOR MORE INFO ON PROTECTING EXISTING TREES



SCALE: 1" = 20'-0"

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PLOT DATE =	CHECKED -- JB	REVISED --
	DATE -- 5/12/2014	REVISED --

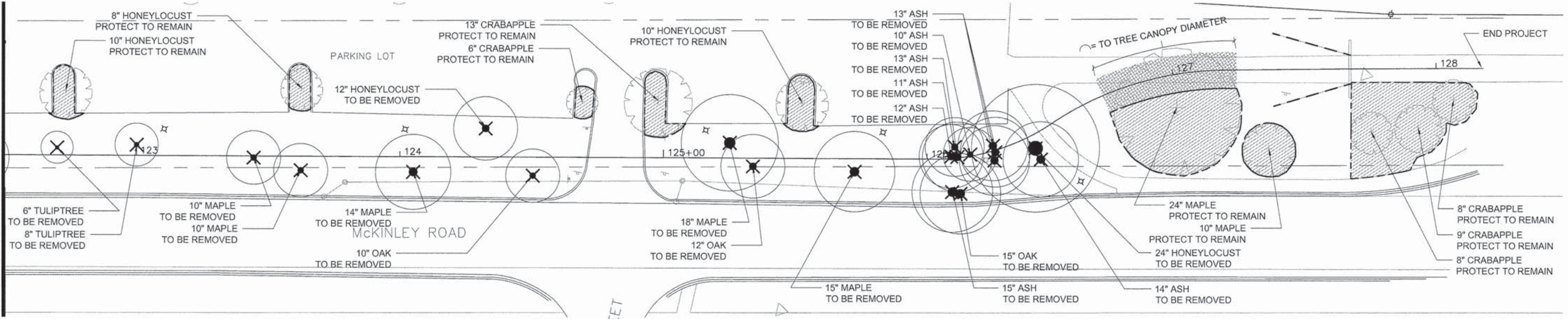
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
 TREE PRESERVATION AND REMOVAL PLAN
 SCALE: 1"=20'-0" SHEET NO. 2 OF 3 SHEETS STA. 111+00 TO STA. 122+50

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	24
CONTRACT NO.			61A61	

\$ TIME \$

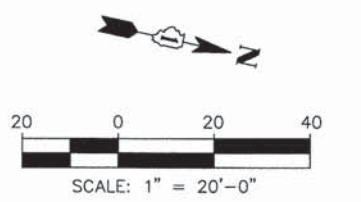
MATCH LINE STA. 122+50



LEGEND

- EXISTING EVERGREEN TREE PROTECT - TO REMAIN
- EXISTING DECIDUOUS TREE PROTECT - TO REMAIN
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING EVERGREEN TREE TO BE REMOVED
- ROOT PRUNING AREAS
- TREE PROTECTION FENCING
- RIGHT OF WAY
- ROOT AERATION MATTING
- UTILITY POLE
- EXISTING LIGHT POLE

SEE TREE PROTECTION DETAILS FOR MORE INFO ON PROTECTING EXISTING TREES



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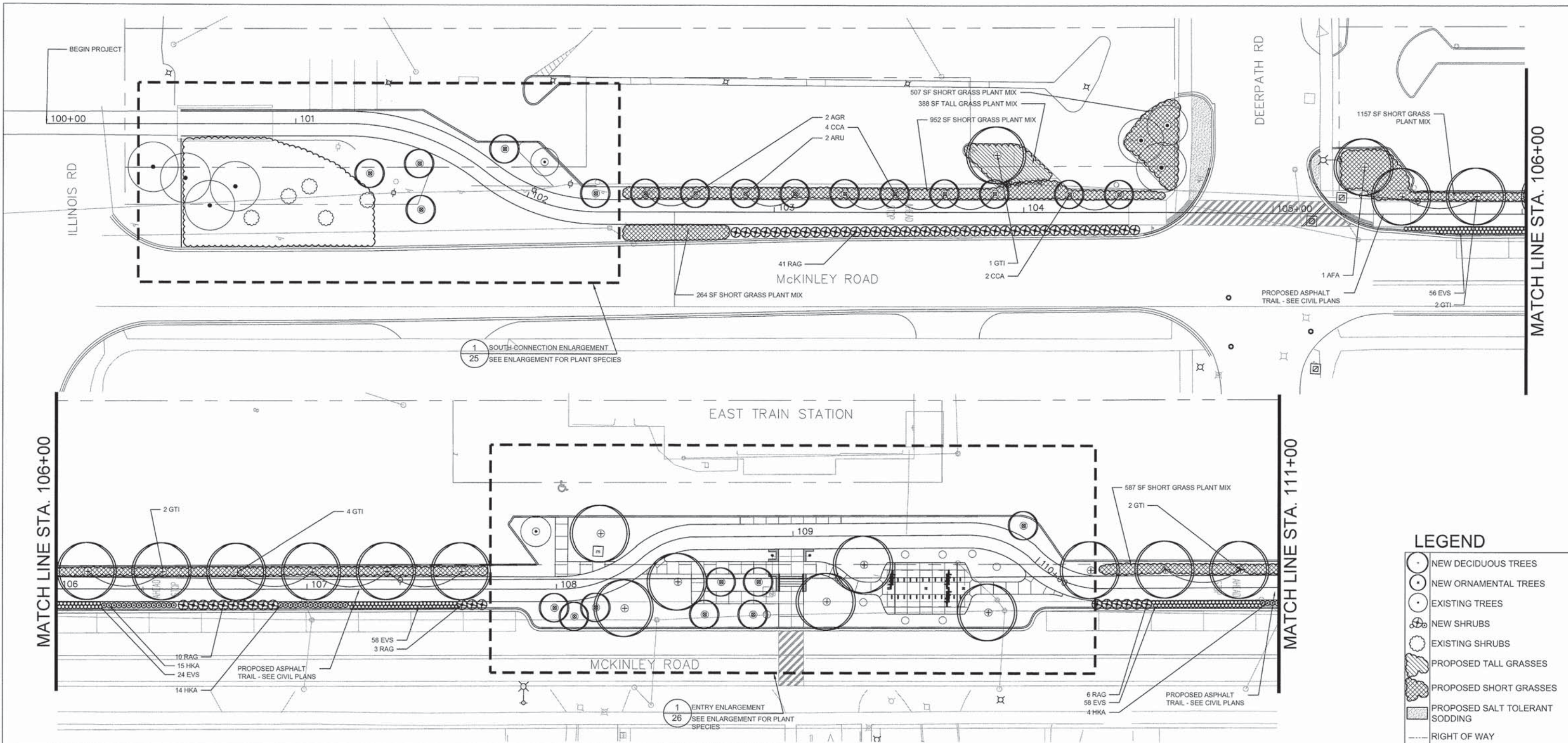
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
 TREE PRESERVATION AND REMOVAL PLAN

SCALE: 1"=20'-0" SHEET NO. 3 OF 3 SHEETS STA. 122+50 TO STA. END

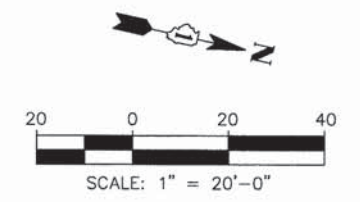
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	25
CONTRACT NO.			61A61	

\$ TIME \$



LEGEND

- NEW DECIDUOUS TREES
- NEW ORNAMENTAL TREES
- EXISTING TREES
- NEW SHRUBS
- EXISTING SHRUBS
- PROPOSED TALL GRASSES
- PROPOSED SHORT GRASSES
- PROPOSED SALT TOLERANT SODDING
- RIGHT OF WAY
- EXISTING FENCE PROTECT TO REMAIN
- UTILITY POLE
- EXISTING LIGHT POLE



Layout 1 Plant List

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Comments
Shade Trees						
AFA	1	2" CAL	<i>Acer freemanii</i> 'Autumn Blaze'	Autumn Blaze' Freeman Maple	B&B	
AGR	2	2" CAL	<i>Acer Griseum</i>	Paperbark Maple	B&B	
ARU	2	3.5" CAL	<i>Alnus Rugosa</i>	Alder European Black	B&B	
CCA	6	2" CAL	<i>Carpinus caroliniana</i>	American Hornbeam	B&B	
GTI	8	3" CAL	<i>Gleditsia triacanthos</i> 'Imperial'	Imperial' Honey Locust	B&B	
Shrubs						
HKA	33	#5 Cont	<i>Hypericum kalmianum</i>	Ames St. Johnswort	CG	24" O.C.
RAG	60	#5 Cont	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Sumac	CG	SEE PLANS
Perennials						
EVS	196	#1 Cont	<i>Epimedium x versicolor</i> 'Sulphureum'	Bishop's Hat	CG	18" O.C.

Tall Grass Plant Mix - 9,795 sf

837 plugs

Perennials	Qty	Code	Botanical Name	Common Name	Comments
	98	plugs	<i>Achillea millefolium</i>	Common yarrow	June-Sept bloom
	160	plugs	<i>Aster Laevis</i>	Smooth Blue Aster	2-4' tall, Sept bloom
	193	plugs	<i>Baptiste bracteata</i>	False Indigo	2-2.5' May-June bloom, drought tolerant
	193	plugs	<i>Echinacea purpurea</i>	Purple Cone Flower	2-5' tall, June bloom
	193	plugs	<i>Liatris pycnostachya</i>	Blazing Star	2-5', tolerates many conditions, July bloom
Grasses					
	374	plugs	<i>Andropogon gerardii</i>	Big Bluestem	4-6', slower to establish, low maint. And drought tolerant
	349	plugs	<i>Elymus canadensis</i>	Canadian Wild Rye	2-5', quick to establish, cool season
	297	plugs	<i>Panicum virgatum</i>	Switchgrass	3-6', tolerates variety of conditions, open seed heads
	374	plugs	<i>Sorghastrum nutans</i>	Indian Grass	3-5', tolerates large range of conditions
	219	plugs	<i>Schizachyrium scoparium</i>	Little Bluestem	1.5-2', tolerates wide range of conditions
Short Grass Plant Mix - 16,463 sf					
1,286 plugs					
Perennials					
	212	plugs	<i>Allium cernuum</i>	Nodding Onion	1-1.5', June-August bloom
	143	plugs	<i>Allium schoenoprasum</i>	Chives	1-1.5', April-May bloom
	429	plugs	<i>Asclepias tuberosa</i>	Butterfly Weed	1-2.5', drought tolerant, very showy flowers
	215	plugs	<i>Aquilegia canadensis</i>	Columbine	2-3', April-May bloom
	287	plugs	<i>Coreopsis palmata</i>	Prairie Coreopsis	1.5-2.5', May-July, drought tolerant
Grasses					
	565	plugs	<i>Bouteloua curtipendula</i>	Side Oats	1.5-2.5', tolerant of many soils/conditions
	349	plugs	<i>Bouteloua gracilis</i>	Blue Grama	1-2', drought tolerant, prefers drier soils
	326	plugs	<i>Carex bicknellii</i>	Prairie Sedge	1.5-2.5', tolerates both dry and very wet sites
	386	plugs	<i>Eragrostis spectabilis</i>	Purple Love Grass	1-2', drought tolerant
	463	plugs	<i>Koeleria macrantha</i>	Prairie Junegrass	
	344	plugs	<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3', tolerates wide range of conditions, drought tolerant



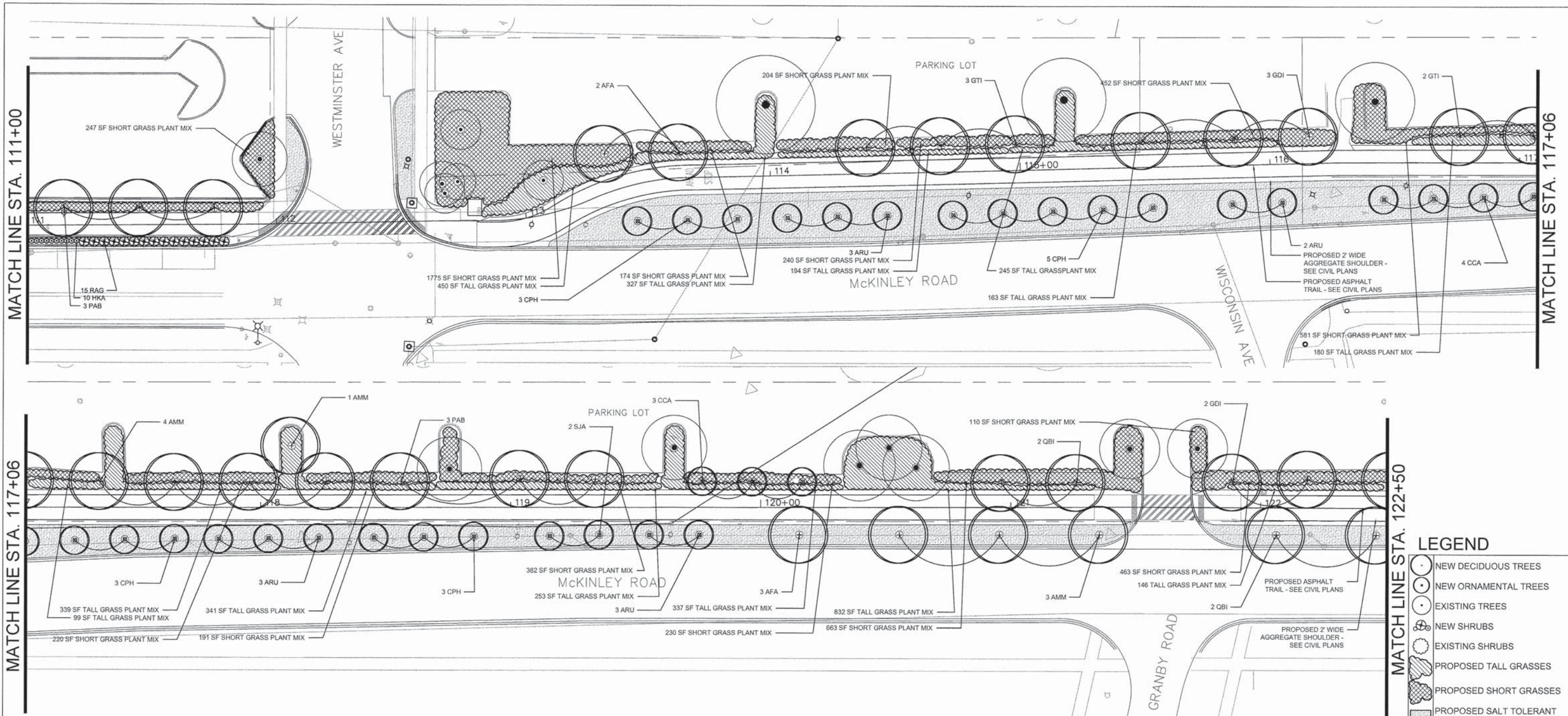
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	DATE -- 5/12/2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
LAYOUT PLAN 1
SCALE: 1"=20'-0" SHEET NO. 1 OF 3 SHEETS STA. 100+00 TO STA. 111+00

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	26
CONTRACT NO.			61A1	

\$ TIME \$



Layout 2 Plant List

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Comments
Shade Trees						
AFA	5	2" CAL	<i>Acer freemanii</i> 'Autumn Blaze'	Autumn Blaze' Freeman Maple	B&B	
AMM	8	2" CAL	<i>Acer miyabei</i> 'Morton'	State Street Miyabe Maple	B&B	
ARU	11	3.5" CAL	<i>Alnus rugosa</i>	Alder European Black	B&B	
CCA	7	2" CAL	<i>Carpinus caroliniana</i>	American Hornbeam	B&B	
GTI	5	3" CAL	<i>Gleditsia triacanthos</i> 'Imperial'	Imperial' Honey Locust	B&B	
PAB	6	2" CAL	<i>Platanus x acerifolia</i> 'Bloodgood'	Bloodgood' London Planetree	B&B	
GDI	5	2" CAL	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	B&B	
QBI	4	2" CAL	<i>Quercus bicolor</i>	Swamp White Oak	B&B	
Flowering Trees						
CPH	11	2" CAL	<i>Crateagus phaenopyrum</i>	Washington Hawthorne	B&B	
Shrubs						
HKA	10	#5 Cont	<i>Hypericum kalmianum</i>	Ames St. Johnswort	CG	24" O.C.
RAG	15	#5 Cont	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Sumac	CG	SEE PLANS

Tall Grass Plant Mix - 9,795 SF

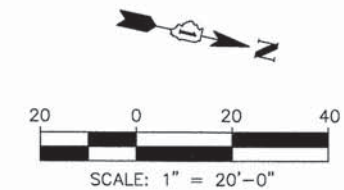
Perennials 837 plugs				
98	plugs	<i>Achillea millefolium</i>	Common yarrow	June-Sept bloom
150	plugs	<i>Aster laevis</i>	Smooth Blue Aster	2-4' tall, Sept bloom
193	plugs	<i>Baptista bracteata</i>	False Indigo	2-2.5' May-June bloom, drought tolerant
193	plugs	<i>Echinacea purpurea</i>	Purple Cone Flower	2-5' tall, June bloom
193	plugs	<i>Liatris pycnostachya</i>	Blazing Star	2-5', tolerates many conditions, July bloom
Grasses 1,613 plugs				
374	plugs	<i>Andropogon gerardii</i>	Big Bluestem	4-6', slower to establish, low maint. And drought tolerant
349	plugs	<i>Elymus canadensis</i>	Canadian Wild Rye	2-5', quick to establish, cool season
297	plugs	<i>Panicum virgatum</i>	Switchgrass	3-6', tolerates variety of conditions, open seed heads
374	plugs	<i>Sorghastrum nutans</i>	Indian Grass	3-5', tolerates large range of conditions
219	plugs	<i>Schizachyium scoparium</i>	Little Bluestem	1.5-2', tolerates wide range of conditions

Short Grass Plant Mix - 16,463 SF

Perennials 1,289 plugs				
212	plugs	<i>Allium oenotherae</i>	Nodding Onion	1-1.5', June-August bloom
143	plugs	<i>Allium schoenoprasum</i>	Chives	1-1.5', April-May bloom
429	plugs	<i>Asclepias tuberosa</i>	Butterfly Weed	1-2.5', drought tolerant, very showy flowers
215	plugs	<i>Aquilegia canadensis</i>	Columbine	2-3', April-May bloom
287	plugs	<i>Coreopsis palmata</i>	Prairie Coreopsis	1.5-2.5', May-July, drought tolerant
Grasses 2,493 plugs				
585	plugs	<i>Bouteloua curtipendula</i>	Side Oats	1.5-2.5', tolerant of many soils/conditions
349	plugs	<i>Bouteloua gracilis</i>	Blue Grama	1-2', drought tolerant, prefers drier soils
386	plugs	<i>Carex bicknellii</i>	Prairie Sedge	1.5-2.5', tolerates both dry and very wet sites
386	plugs	<i>Eragrostis spectabilis</i>	Purple Low Grass	1-2', drought tolerant
463	plugs	<i>Koeleria macrantha</i>	Prairie Junegrass	
344	plugs	<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3', tolerates wide range of conditions, drought tolerant

LEGEND

- NEW DECIDUOUS TREES
- NEW ORNAMENTAL TREES
- EXISTING TREES
- NEW SHRUBS
- EXISTING SHRUBS
- PROPOSED TALL GRASSES
- PROPOSED SHORT GRASSES
- PROPOSED SALT TOLERANT SODDING
- RIGHT OF WAY
- EXISTING FENCE
- PROTECT TO REMAIN
- UTILITY POLE
- EXISTING LIGHT POLE



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PLOT SCALE =	CHECKED -- JB	REVISED --
PLOT DATE =	DATE -- 5/12/2014	REVISED --

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DEPARTMENT OF TRANSPORTATION

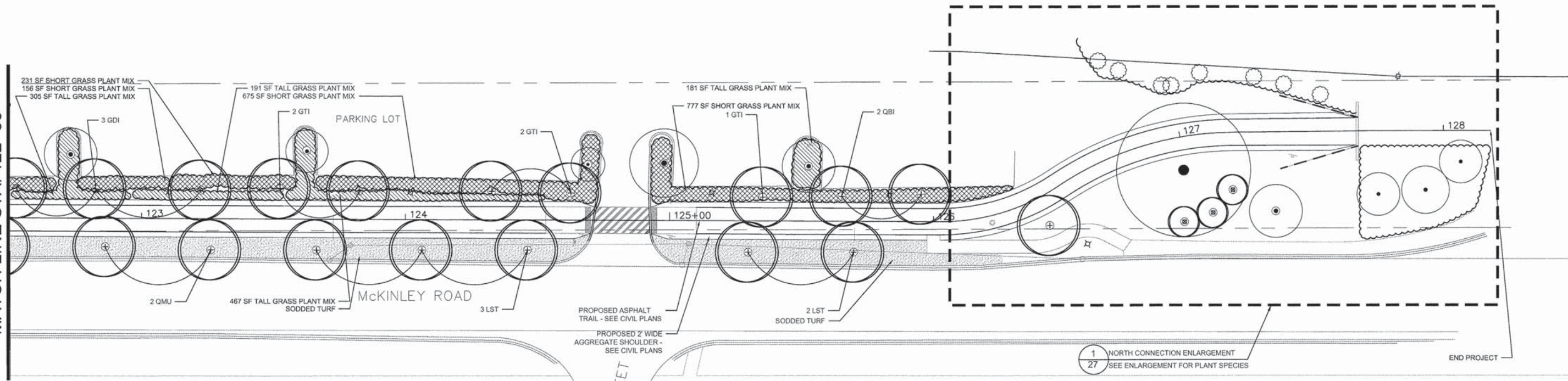
CITY OF LAKE FOREST MCCLORY BIKE PATH
LAYOUT PLAN 2

SCALE: 1"=20'-0" SHEET NO. 2 OF 3 SHEETS STA. 111+00 TO STA. 122+50

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	27
CONTRACT NO.			6161	

\$ DATES

MATCH LINE STA. 122+50



Master Plant List

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Comments
Shade Trees						
AFA	6	2" CAL	<i>Acer freemanii</i> 'Autumn Blaze'	Autumn Blaze Freeman Maple	B&B	
AGR	4	2" CAL	<i>Acer griseum</i>	Paperbark Maple	B&B	
AMM	8	2" CAL	<i>Acer miyabei</i> 'Morton'	State Street Miyabe Maple	B&B	
ARU	13	3 5" CAL	<i>Ailanthus rugosa</i>	Alder European Black	B&B	
CCA	13	2" CAL	<i>Carpinus caroliniana</i>	American Hornbeam	B&B	
GTI	17	3" CAL	<i>Gleditsia triacanthos</i> 'Imperial'	Imperial Honey Locust	B&B	
GDI	6	2" CAL	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	B&B	
LST	3	2" CAL	<i>Liquidambar styraciflua</i>	Sweet Gum	B&B	
PAB	12	2" CAL	<i>Platanus x acerifolia</i> 'Bloodgood'	Bloodgood London Planetree	B&B	
QMU	2	2 5" CAL	<i>Quercus muehlenbergii</i>	Chinkapin Oak	B&B	
QBI	7	2" CAL	<i>Quercus bicolor</i>	Swamp White Oak	B&B	
Flowering Trees						
AGA	4	2" CAL	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Apple Serviceberry	B&B	
CPH	11	2" CAL	<i>Crateagus phaenopyrum</i>	Washington Hawthorne	B&B	
MDO	7	2 5" CAL	<i>Malus Donald Wyman</i>	Flowering Crabapple	B&B	
MPR	3	2" CAL	<i>Malus 'Prairiefire'</i>	Prairiefire Flowering Crabapple	B&B	
MTS	4	2 5" CAL	<i>Malus transitoria</i> 'Schmidtcutleaf' GOLDEN RAINDROPS	Cutleaf Crabapple	B&B	

Shrubs

CAP	24	#3 Cont	<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster	CG	30" O.C.
HKA	43	#5 Cont	<i>Hypericum kalmianum</i>	Ames St. Johnswort	CG	24" O.C.
RAG	172	#5 Cont	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Sumac	CG	SEE PLANS
RCM	20	3 HT Cont	<i>Rhus copallina</i> var. <i>latifolia</i> 'Morton'	Prairieflame Shining Sumac	CG	60" O.C.
VDC	79	2 HT Cont	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Viburnum	CG	42" O.C.
VDR	8	2 HT Cont	<i>Viburnum dentatum</i> 'Ralph Senior'	Autumn Jazz Arrowwood Viburnum	CG	42" O.C.
VTR	13	2 HT	<i>Viburnum trilobum</i>	American Cranberrybush	B&B	60" O.C.

Ornamental Grasses

CAK	28	#1 Cont.	<i>Calamagrostis x acutifolia</i> 'Karl Foerster'	Feather Reed Grass	CG	24" O.C.
CPE	675	#1 Cont.	<i>Carex pennsylvanica</i>	Common Oak Sedge	CG	8" O.C.
MSM	9	#1 Cont.	<i>Miscanthus sinensis</i> 'Morning Light'	Eulalia	CG	8" O.C.
SAU	503	#1 Cont.	<i>Seteria autumnalis</i>	Autumn Moor Grass	CG	12" O.C.
SHT	365	#1 Cont.	<i>Sporobolus heterolepis</i> 'Tara'	Dwarf Prairie Drop Seed	CG	12" O.C.

Perennials

ASB	148	#1 Cont.	<i>Allium Summer Beauty</i>	Summer Beauty Allium	CG	18" O.C.
EVS	196	#1 Cont.	<i>Epimedium x versicolor</i> 'Sulphureum'	Bishop's Hat	CG	18" O.C.
HHR	47	#1 Cont.	<i>Heimerocallis</i> 'Happy Returns'	Happy Returns Daylily	CG	18" O.C.
SNM	34	#1 Cont.	<i>Salvia nemorosa</i> 'May Night'	May Night Salvia	CG	18" O.C.
NRW	72	#1 Cont.	<i>Nepeta racemosa</i> 'Walker's Low'	Walker's Low Catmint	CG	18" O.C.

Tall Grass Plant Mix - 9,795 SF

Perennials	837 plugs			
98	plugs	<i>Achillea millefolium</i>	Common yarrow	June-Sept bloom
160	plugs	<i>Aster laevis</i>	Smooth Blue Aster	2-4' tall, Sept bloom
193	plugs	<i>Baptista bracteata</i>	False Indigo	2-2.5' May-June bloom, drought tolerant
193	plugs	<i>Echinacea purpurea</i>	Purple Cone Flower	2-5' tall, June bloom
193	plugs	<i>Liatris pycnostachya</i>	Blazing Star	2-5', tolerates many conditions, July bloom

Grasses

Grasses	1,613 plugs			
374	plugs	<i>Andropogon gerardi</i>	Big Bluestem	4-6', slower to establish, low maint. And drought tolerant
349	plugs	<i>Elymus canadensis</i>	Canadian Wild Rye	2-5', quick to establish, cool season
297	plugs	<i>Panicum virgatum</i>	Switchgrass	3-6', tolerates variety of conditions, open seed heads
374	plugs	<i>Sorghastrum nutans</i>	Indian Grass	3-5', tolerates large range of conditions
219	plugs	<i>Schizachyrium scoparium</i>	Little Bluestem	1.5-2', tolerates wide range of conditions

Short Grass Plant Mix - 16,463 SF

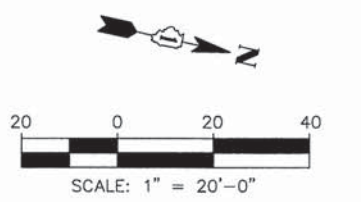
Perennials	1,286 plugs			
212	plugs	<i>Allium cernuum</i>	Nodding Onion	1-1.5', June-August bloom
143	plugs	<i>Allium schoenoprasum</i>	Chives	1-1.5', April-May bloom
429	plugs	<i>Asclepias tuberosa</i>	Butterfly Weed	1-2.5', drought tolerant, very showy flowers
215	plugs	<i>Aquilegia canadensis</i>	Columbine	2-3', April-May bloom
287	plugs	<i>Coreopsis palmata</i>	Prairie Coreopsis	1.5-2.5', May-July, drought tolerant

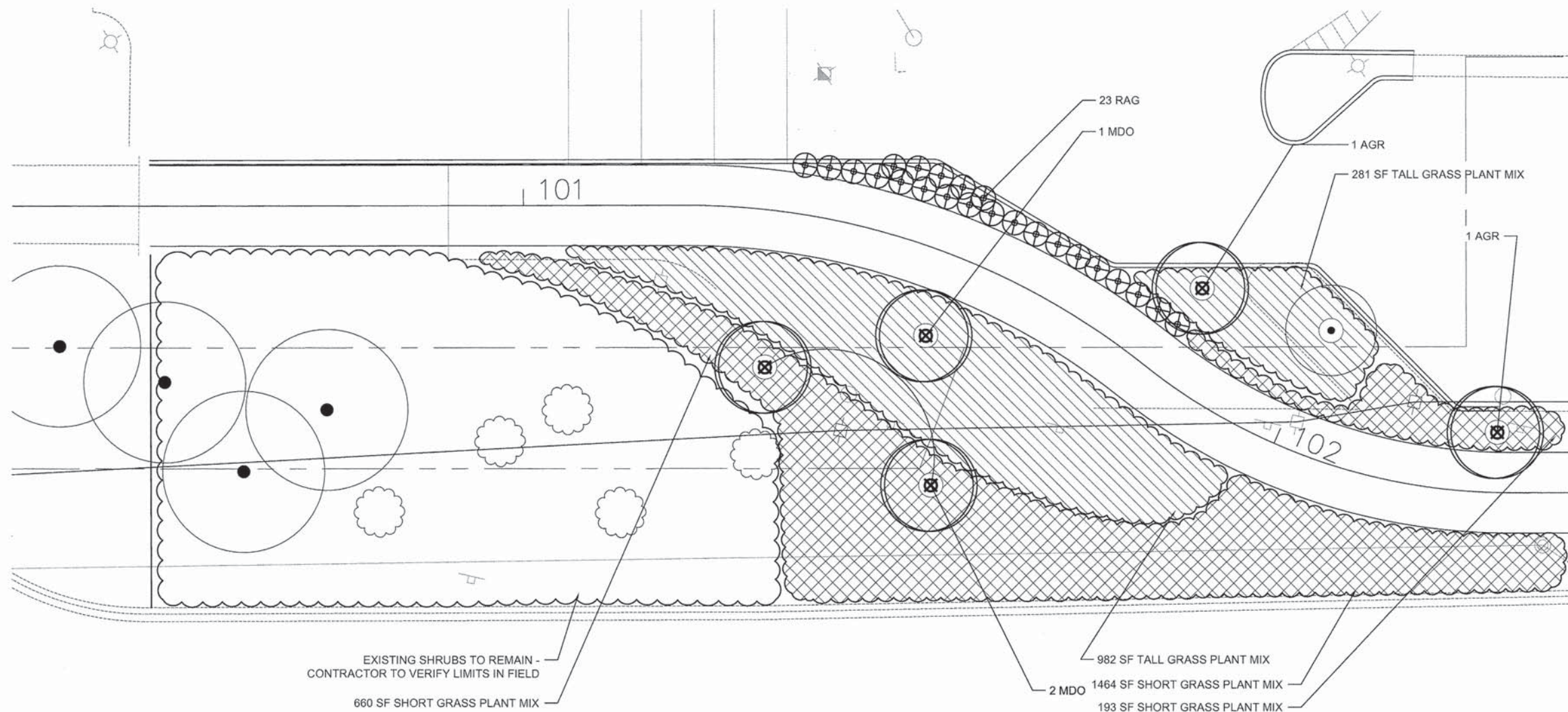
Grasses

Grasses	2,493 plugs			
955	plugs	<i>Bouteloua curtipendula</i>	Side Oats	1.5-2.5', tolerant of many soils/conditions
349	plugs	<i>Bouteloua gracilis</i>	Blue Grama	1-2', drought tolerant, prefers drier soils
386	plugs	<i>Carex biokanelii</i>	Prairie Sedge	1.5-2.5', tolerates both dry and very wet sites
386	plugs	<i>Eragrostis spectabilis</i>	Purple Love Grass	1-2', drought tolerant
463	plugs	<i>Koeleria macrantha</i>	Prairie Junegrass	1-2', drought tolerant
344	plugs	<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3', tolerates wide range of conditions, drought tolerant

LEGEND

- NEW DECIDUOUS TREES
- NEW ORNAMENTAL TREES
- EXISTING TREES
- NEW SHRUBS
- EXISTING SHRUBS
- PROPOSED TALL GRASSES
- PROPOSED SHORT GRASSES
- PROPOSED SALT TOLERANT SODDING
- RIGHT OF WAY
- EXISTING FENCE PROTECT TO REMAIN
- UTILITY POLE
- EXISTING LIGHT POLE





1 SOUTH CONNECTION ENLARGEMENT
1/8" = 1'-0"

LEGEND

- NEW DECIDUOUS TREES
- NEW ORNAMENTAL TREES
- EXISTING TREES
- NEW SHRUBS
- EXISTING SHRUBS
- PROPOSED TALL GRASSES
- PROPOSED SHORT GRASSES
- PROPOSED SALT TOLERANT SODDING
- RIGHT OF WAY
- EXISTING FENCE PROTECT TO REMAIN
- UTILITY POLE
- EXISTING LIGHT POLE

Enlargement 1 Plant List

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Comments
Shade Trees						
AGR	2	2" CAL	<i>Acer Grisseum</i>	Paperbark Maple	B&B	
Flowering Trees						
MDO	3	2.5" CAL	<i>Malus 'Donald Wyman'</i>	Flowering Crabapple	B&B	
Shrubs						
RAG	23	#5 Cont	<i>Rhus aromatica 'Gro-Low'</i>	Gro-Low Sumac	CG	SEE PLANS

Tall Grass Plant Mix- 9,795 SF

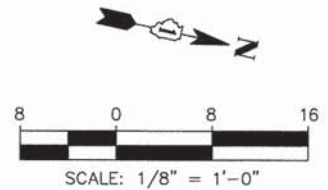
Perennials 837 plugs				
98	plugs	<i>Achillea millefolium</i>	Common yarrow	June-Sept bloom
160	plugs	<i>Aster laevis</i>	Smooth Blue Aster	2-4' tall, Sept bloom
193	plugs	<i>Baptista bracteata</i>	False Indigo	2-2.5' May-June bloom, drought tolerant
193	plugs	<i>Echinacea purpurea</i>	Purple Cone Flower	2-5' tall, June bloom
193	plugs	<i>Liatris pycnostachya</i>	Blazing Star	2-5', tolerates many conditions, July bloom

Grasses 1,613 plugs				
374	plugs	<i>Andropogon gerardi</i>	Big Bluestem	4-6', slower to establish, low maint. And drought tolerant
349	plugs	<i>Elymus canadensis</i>	Canadian Wild Rye	2-5', quick to establish, cool season
297	plugs	<i>Panicum virgatum</i>	Switchgrass	3-6', tolerates variety of conditions, open seed heads
374	plugs	<i>Sorghastrum nutans</i>	Indian Grass	3-5', tolerates large range of conditions
219	plugs	<i>Schizachyrium scoparium</i>	Little Bluestem	1.5-2', tolerates wide range of conditions

Short Grass Plant Mix- 16,463 SF

Perennials 1,286 plugs				
212	plugs	<i>Allium cernuum</i>	Nodding Onion	1-1.5', June-August bloom
143	plugs	<i>Allium schoenoprasum</i>	Chives	1-1.5', April-May bloom
429	plugs	<i>Asclepias tuberosa</i>	Butterfly Weed	1-2.5', drought tolerant, very showy flowers
215	plugs	<i>Aquilegia canadensis</i>	Columbine	2-3', April-May bloom
287	plugs	<i>Coreopsis palmata</i>	Prairie Coreopsis	1.5-2.5', May-July, drought tolerant

Grasses 2,493 plugs				
565	plugs	<i>Bouteloua curtipendula</i>	Side Oats	1.5-2.5', tolerant of many soils/conditions
349	plugs	<i>Bouteloua gracilis</i>	Blue Grama	1-2', drought tolerant, prefers drier soils
386	plugs	<i>Carex bichnesii</i>	Prairie Sedge	1.5-2.5', tolerates both dry and very wet sites
386	plugs	<i>Eragrostis spectabilis</i>	Purple Love Grass	1-2', drought tolerant
463	plugs	<i>Koeleria macrantha</i>	Prairie Junegrass	1-2', drought tolerant
344	plugs	<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3', tolerates wide range of conditions, drought tolerant



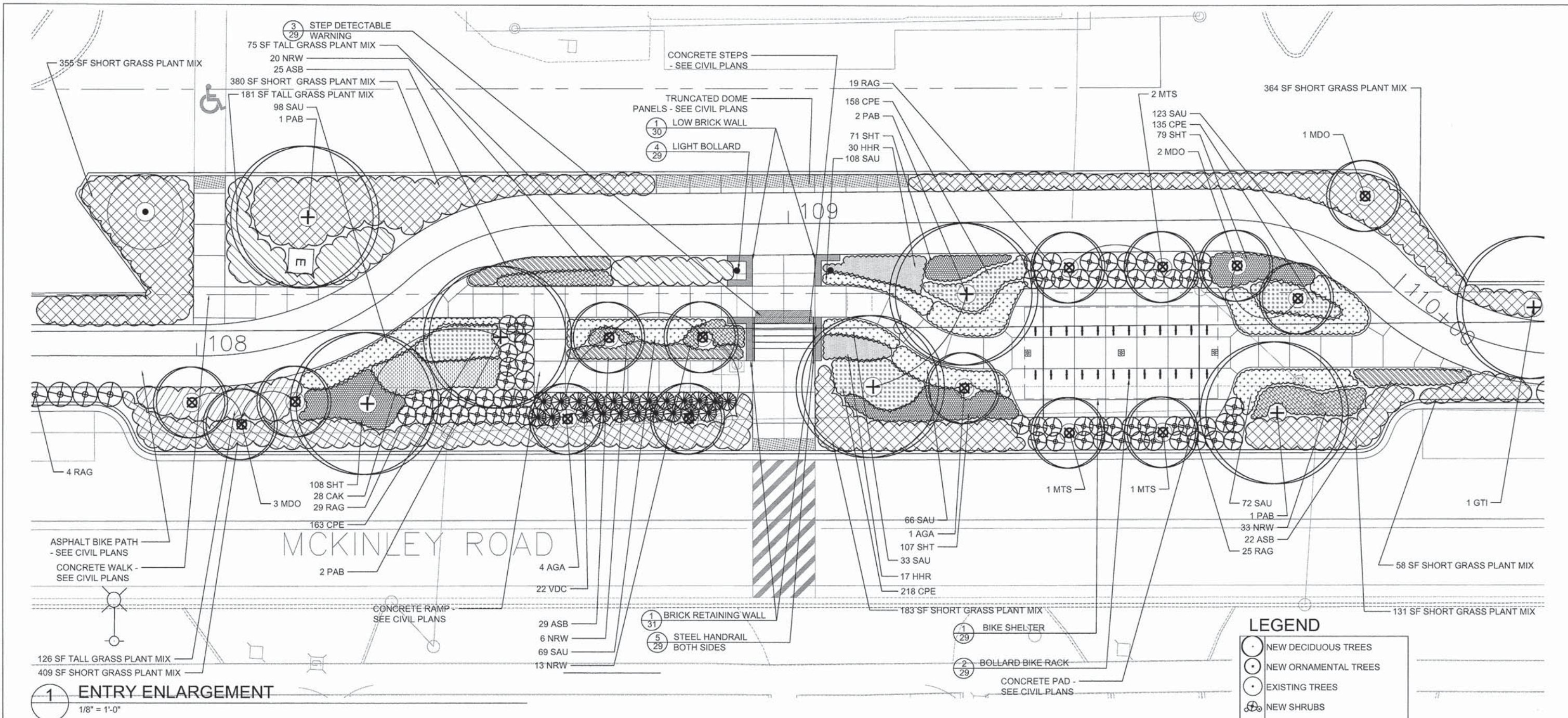
 landscape architecture • urban design • planning	USER NAME =	DESIGNED -- PH	REVISED --
	PLOT SCALE =	DRAWN -- OJ	REVISED --
	PLOT DATE =	CHECKED -- JB	REVISED --
		DATE -- 5/12/2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
ENLARGEMENT PLAN 1
SCALE: 1/8"=1'-0" SHEET NO. 1 OF 3 SHEETS STA. 100+00 TO STA. 102+40

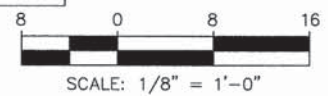
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	29
			CONTRACT NO.	
			61161	

\$DATE\$



LEGEND

- NEW DECIDUOUS TREES
- NEW ORNAMENTAL TREES
- EXISTING TREES
- NEW SHRUBS
- EXISTING SHRUBS
- PROPOSED TALL GRASSES
- PROPOSED SHORT GRASSES
- PROPOSED PERENNIAL PLANTS
- PROPOSED SALT TOLERANT SODDING
- RIGHT OF WAY
- EXISTING FENCE PROTECT TO REMAIN
- UTILITY POLE
- EXISTING LIGHT POLE



Enlargement 2 Plant List

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Comments
Shade Trees						
PAB	6	2" CAL.	<i>Platanus x acerifolia</i> 'Bloodgood'	Bloodgood London Planetree	B&B	
Flowering Trees						
AGA	4	2" CAL.	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Apple Serviceberry	B&B	
MDO	7	2.5" CAL.	<i>Malus Donald Wyman</i>	Flowering Crabapple	B&B	
MTS	4	2.5" CAL.	<i>Malus transitoria</i> 'Schmidtcutleaf'	GOLDEN RAINDROPS Cutleaf Crabapple	B&B	
Shrubs						
RAG	74	#5 Cont.	<i>Rhus aromatica</i> 'Gro-Low'	Gro-Low Sumac	CG	SEE PLANS
VDC	22	2" HT. Cont.	<i>Viburnum dentatum</i> 'Chistom'	Blue Muffin Viburnum	CG	42" O.C.
Grasses						
CAK	28	#1 Cont.	<i>Calamagrostis x acutifolia</i> 'Karl Foerster'	Feather Reed Grass	CG	24" O.C.
CPE	675	#1 Cont.	<i>Carex pennsylvanica</i>	Common Oak Sedge	CG	8" O.C.
SAU	503	#1 Cont.	<i>Sesleria autumnalis</i>	Autumn Moor Grass	CG	12" O.C.
SHT	365	#1 Cont.	<i>Sporobolus heterolepis</i> 'Tara'	Dwarf Prairie Drop Seed	CG	12" O.C.
Perennials						
ASB	76	#1 Cont.	<i>Allium Summer Beauty</i>	Summer Beauty Allium	CG	18" O.C.
HHR	47	#1 Cont.	<i>Hemerocallis 'Happy Returns'</i>	Happy Returns Daylily	CG	18" O.C.
NRW	59	#1 Cont.	<i>Nepeta racemosa</i> 'Walker's Low'	Walker's Low Catmint	CG	18" O.C.

Tall Grass Plant Mix - 9,795 SF

Perennials	Qty	Code	Botanical Name	Common Name	Comments
	98	plugs	<i>Achillea millefolium</i>	Common yarrow	June-Sept bloom
	160	plugs	<i>Aster laevis</i>	Smooth Blue Aster	2-4' tall, Sept bloom
	193	plugs	<i>Baptista bracteata</i>	False Indigo	2-2.5' May-June bloom, drought tolerant
	193	plugs	<i>Echinacea purpurea</i>	Purple Cone Flower	2.5' tall, June bloom
	193	plugs	<i>Liatris pycnostachya</i>	Blazing Star	2-5', tolerates many conditions, July bloom
Grasses 1,613 plugs					
	374	plugs	<i>Andropogon gerardii</i>	Big Bluestem	4-6', slower to establish, low maint. And drought tolerant
	349	plugs	<i>Elymus canadensis</i>	Canadian Wild Rye	2-5', quick to establish, cool season
	297	plugs	<i>Panicum virgatum</i>	Switchgrass	3-5', tolerates variety of conditions, open seed heads
	374	plugs	<i>Sorghastrum nutans</i>	Indian Grass	3-5', tolerates large range of conditions
	219	plugs	<i>Schizachyrium scoparium</i>	Little Bluestem	1.5-2', tolerates wide range of conditions
Short Grass Plant Mix - 16,463 SF					
Perennials 1,286 plugs					
	212	plugs	<i>Allium cernuum</i>	Nodding Onion	1-1.5', June-August bloom
	143	plugs	<i>Allium schoenoprasum</i>	Chives	1-1.5', April-May bloom
	429	plugs	<i>Asclepias tuberosa</i>	Butterfly Weed	1-2.5', drought tolerant, very showy flowers
	215	plugs	<i>Aquilegia canadensis</i>	Columbine	2-3', April-May bloom
	287	plugs	<i>Coreopsis palmata</i>	Prairie Coreopsis	1.5-2.5', May-July, drought tolerant
Grasses 2,493 plugs					
	565	plugs	<i>Bouteloua curtipendula</i>	Side Oats	1.5-2.5', tolerant of many soils/conditions
	349	plugs	<i>Bouteloua gracilis</i>	Blue Grama	1-2', drought tolerant, prefers drier soils
	386	plugs	<i>Carex bicknellii</i>	Prairie Sedge	1.5-2.5', tolerates both dry and very wet sites
	386	plugs	<i>Eragrostis spectabilis</i>	Purple Low Grass	1-2', drought tolerant
	463	plugs	<i>Koeleria macrantha</i>	Prairie Junegrass	
	344	plugs	<i>Sporobolus heterolepis</i>	Prairie Dropseed	2-3', tolerates wide range of conditions, drought tolerant



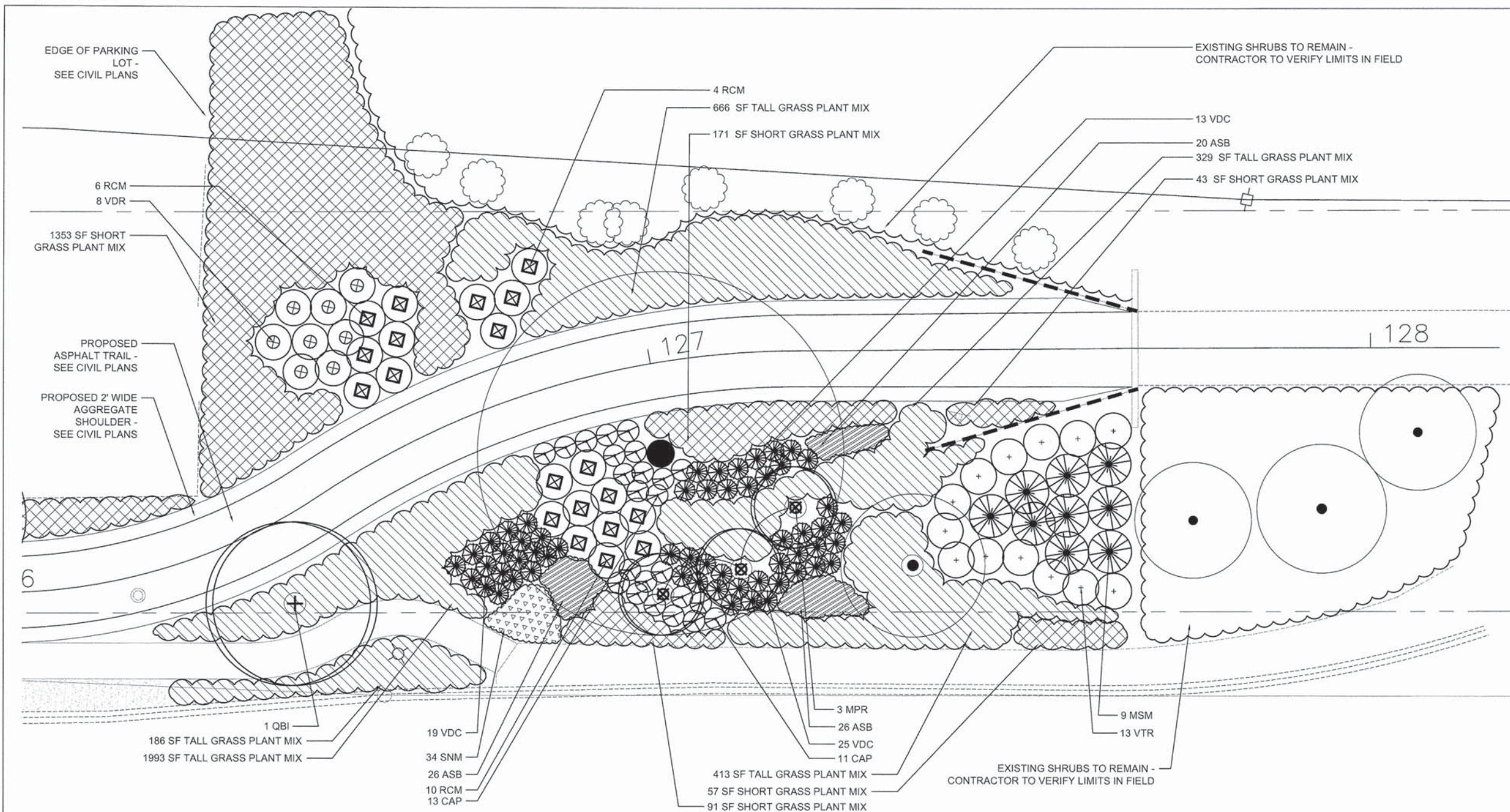
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PLOT DATE =	CHECKED -- JB	REVISED --
	DATE -- 5/12/2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
ENLARGEMENT PLAN 2
SCALE: 1/8"=1'-0" SHEET NO. 2 OF 3 SHEETS STA. 107+75 TO STA. 110+25

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	30
CONTRACT NO.			61A61	

\$DIAE\$



1 NORTH CONNECTION ENLARGEMENT
1/8" = 1'-0"

Enlargement 3 Plant List

Plant Code	Qty	Size	Botanical Name	Common Name	Form	Comments
Shade Trees						
QBI	1	2" CAL	<i>Quercus bicolor</i>	Swamp White Oak	B&B	
Flowering Trees						
MPR	3	2" CAL	<i>Malus 'Prainefire'</i>	'Prainefire' Flowering Crabapple	B&B	
Shrubs						
CAP	24	#3 Cont	<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster	CG	30" O.C.
RCM	20	3' HT Cont	<i>Rhus copallina</i> var. <i>latifolia</i> 'Morton'	Prainefire Shining Sumac	CG	60" O.C.
VDC	57	2' HT Cont	<i>Viburnum dentatum</i> 'Christom'	Blue Muffin Viburnum	CG	42" O.C.
VDR	8	2' HT Cont	<i>Viburnum dentatum</i> 'Ralph Senior'	Autumn Jazz Arrowwood Viburnum	CG	42" O.C.
VTR	13	2' HT	<i>Viburnum trilobum</i>	American Cranberrybush	B&B	60" O.C.
Grasses						
MSM	9	#1 Cont	<i>Miscanthus sinensis</i> 'Morning Light'	Eulalia	CG	6' O.C.
Perennials						
ASB	72	#1 Cont	<i>Allium Summer Beauty</i>	Summer Beauty Allium	CG	18" O.C.
SNM	34	#1 Cont	<i>Salvia nemorosa</i> 'May Night'	May Night Salvia	CG	18" O.C.

Tall Grass Plant Mix - 9,795 sf

Perennials	Qty	Plant Name	Common Name	Notes
	98	<i>Achillea millefolium</i>	Common yarrow	June-Sept bloom
	160	<i>Aster laevis</i>	Smooth Blue Aster	2-4' tall, Sept bloom
	193	<i>Baptisia bracteata</i>	False Indigo	2-2.5' May-June bloom, drought tolerant
	193	<i>Echinacea purpurea</i>	Purple Cone Flower	2-5' tall, June bloom
	193	<i>Liatris pycnostachya</i>	Blazing Star	2-5', tolerates many conditions, July bloom

Grasses

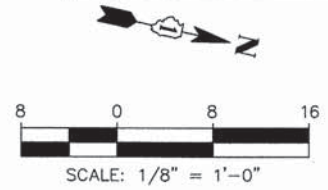
Grasses	Qty	Plant Name	Common Name	Notes
	374	<i>Andropogon gerardii</i>	Big Bluestem	4-6', slower to establish, low maint. And drought tolerant
	349	<i>Elymus canadensis</i>	Canadian Wild Rye	2-5', quick to establish, cool season
	297	<i>Panicum virgatum</i>	Switchgrass	3-6', tolerates variety of conditions, open seed heads
	374	<i>Sorghastrum nutans</i>	Indian Grass	3-5', tolerates large range of conditions
	219	<i>Schizachyium scoparium</i>	Little Bluestem	1.5-2', tolerates wide range of conditions

Short Grass Plant Mix - 16,463 sf

Perennials	Qty	Plant Name	Common Name	Notes
	212	<i>Allium cernuum</i>	Nodding Onion	1-1.5', June-August bloom
	143	<i>Allium schoenoprasum</i>	Chives	1-1.5', April-May bloom
	429	<i>Asclepias tuberosa</i>	Butterfly Weed	1-2.5', drought tolerant, very showy flowers
	215	<i>Aquilegia canadensis</i>	Columbine	2-3', April-May bloom
	287	<i>Coreopsis palmata</i>	Prairie Coreopsis	1.5-2.5', May-July, drought tolerant
Grasses				
	2,463			
	565	<i>Bouteloua curtipendula</i>	Side Oats	1.5-2.5', tolerant of many soils/conditions
	349	<i>Bouteloua gracilis</i>	Blue Grama	1-2', drought tolerant, prefers drier soils
	396	<i>Carex bicknellii</i>	Prairie Sedge	1.5-2.5', tolerates both dry and very wet sites
	396	<i>Eragrostis spectabilis</i>	Purple Love Grass	1-2', drought tolerant
	463	<i>Koeleria macrantha</i>	Prairie Junegrass	
	344	<i>Sporobolus heterotetis</i>	Prairie Dropseed	2-3', tolerates wide range of conditions, drought tolerant

LEGEND

- NEW DECIDUOUS TREES
- NEW ORNAMENTAL TREES
- EXISTING TREES
- NEW SHRUBS
- EXISTING SHRUBS
- PROPOSED TALL GRASSES
- PROPOSED SHORT GRASSES
- PROPOSED PERENNIAL PLANTS
- PROPOSED SALT TOLERANT SODDING
- RIGHT OF WAY
- EXISTING FENCE
- PROTECT TO REMAIN
- UTILITY POLE
- EXISTING LIGHT POLE



USER NAME =	DESIGNED -- PH	REVISED --
PLOT SCALE =	DRAWN -- OJ	REVISED --
PLOT DATE =	CHECKED -- JB	REVISED --
	DATE -- 5/12/2014	REVISED --

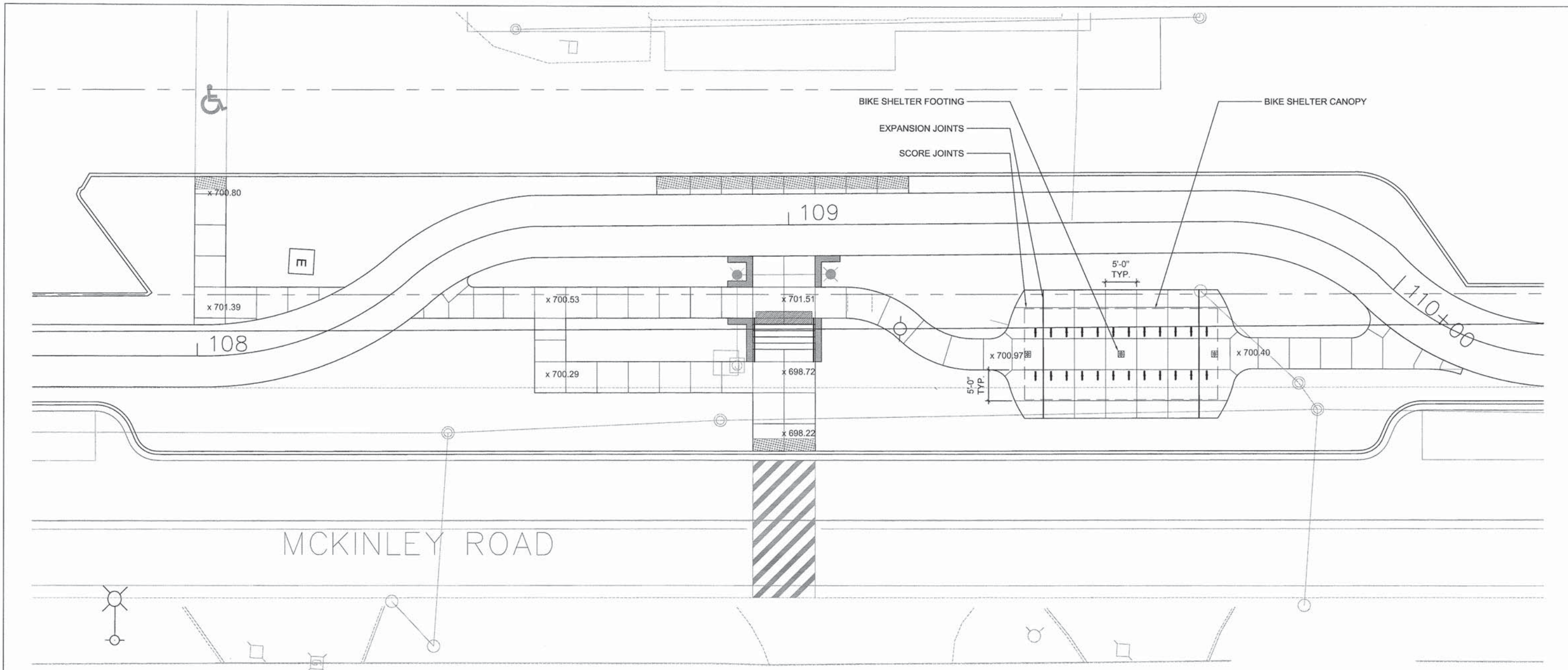
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
ENLARGEMENT PLAN 3

SCALE: 1/8"=1'-0" SHEET NO. 3 OF 3 SHEETS STA. 126+25 TO STA. END

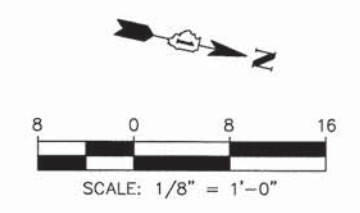
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	31
CONTRACT NO.			61861	

\$ TIME \$



1 CONCRETE PLAZA
1/8" = 1'-0"

MCKINLEY ROAD



TYLIN INTERNATIONAL
Altamanu Inc.
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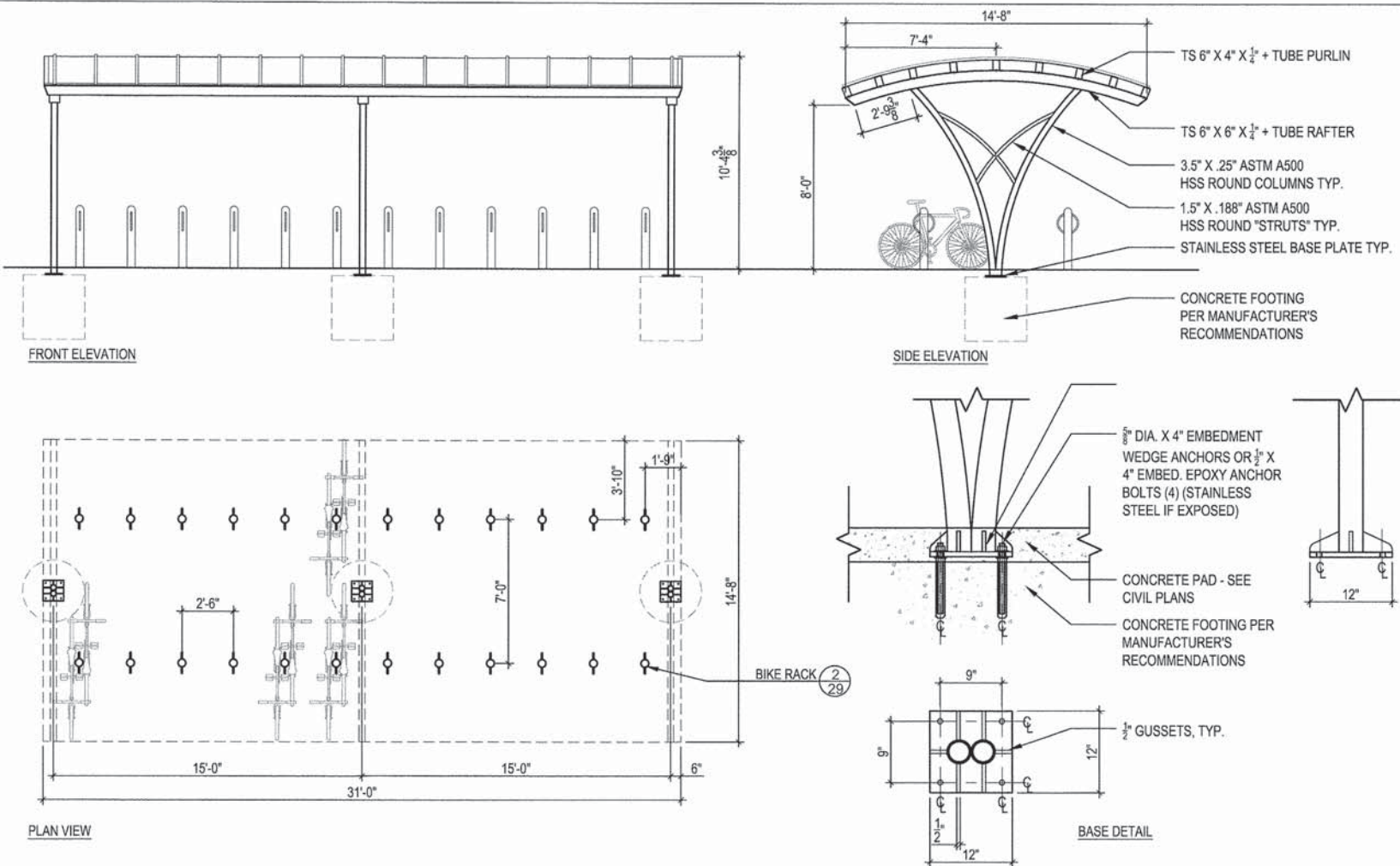
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DRAWN -- OJ	CHECKED -- JB	REVISED --
PLOT SCALE =	DATE -- 5/12/2014	REVISED --
PLOT DATE =		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
ENLARGEMENT PLAN 2
SCALE: 1/8"=1'-0" SHEET NO. 1 OF 1 SHEETS STA. 107+75 TO STA. 110+25

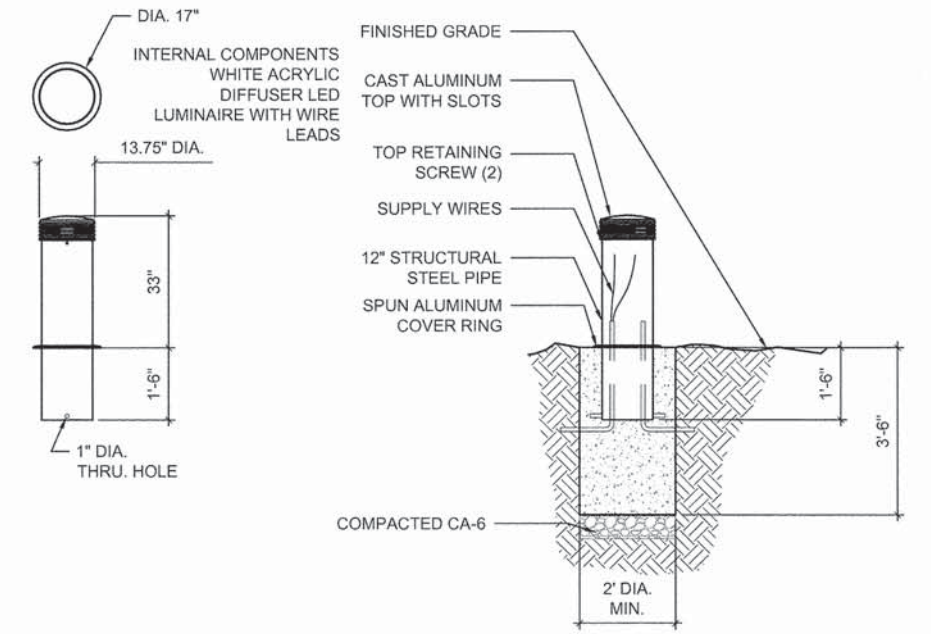
F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	32
CONTRACT NO.			61A61	

\$ TIME \$



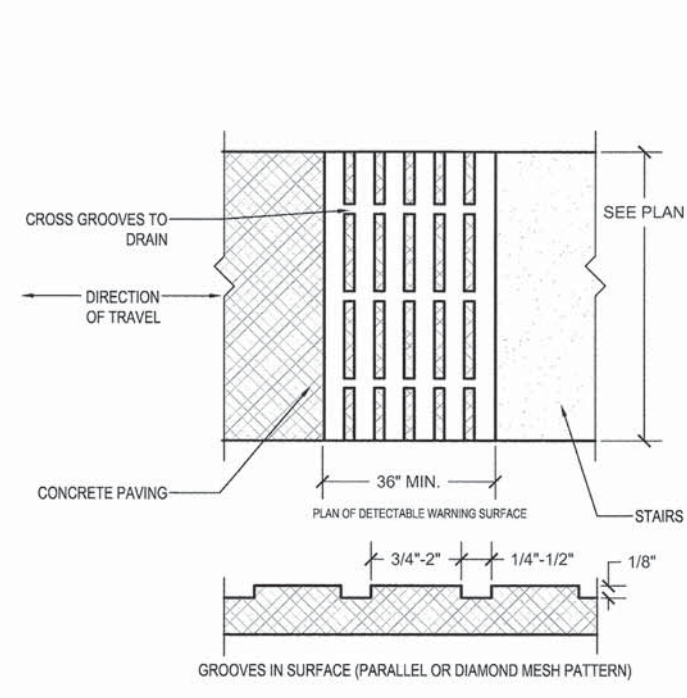
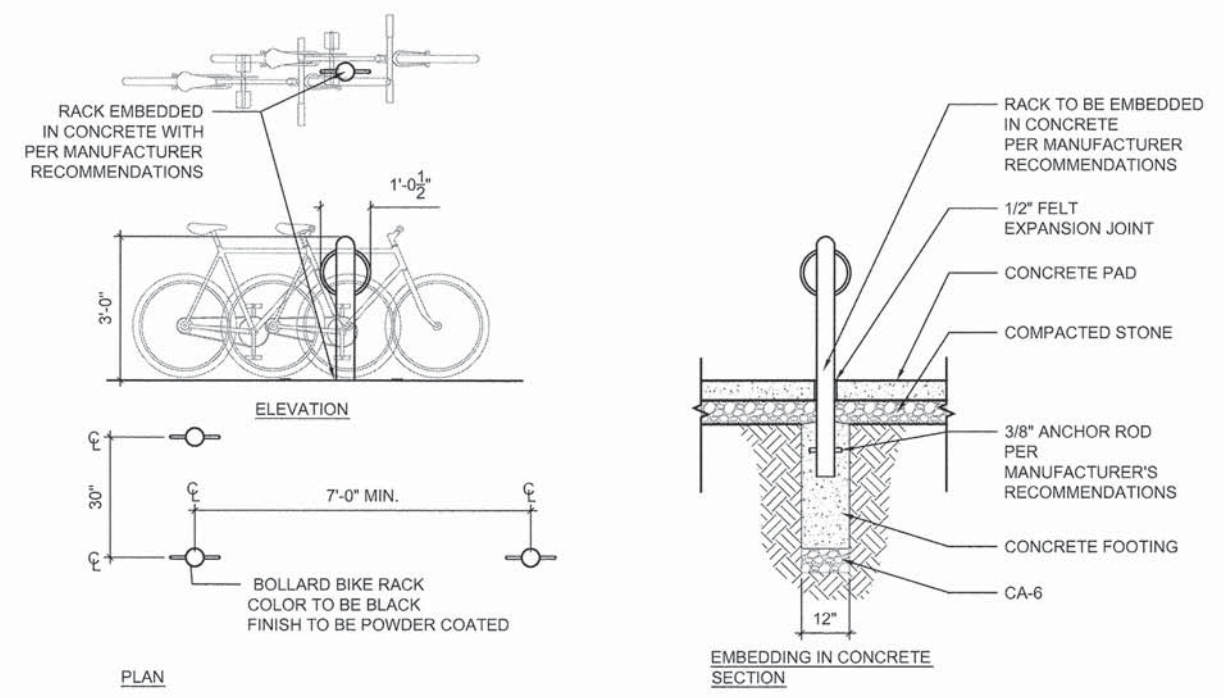
NOTES:
 *FRAMEWORK TO BE WELDED AND MECHANICALLY FASTENED STEEL
 *ALL FASTENERS TO BE STAINLESS STEEL
 *ROOF GLAZING TO BE: 8MM POLYCARBONATE STRUCTURED SHEET, BATTEN SYSTEM, IN ALUMINUM TRIM. TINT: CLEAR
 *STEEL FINISHING:
 *MEDIA BLAST PREP
 *TNEC TNEC ZINC 90-97 PRIMER
 *TNEC SERIES N69 HI-BUILD EPOXOLINE
 2-PART EPOXY MIDCOAT:
 *TNEC SERIES 73 ENDURA-SHIELD
 TOPCOAT:
 *ALUMINUM TRIM TO HAVE SAME TOP TWO COATS.
 *COLOR: BLACK

*ALL DIMENSIONS TO BE FIELD VERIFIED BASED ON FINAL ENGINEERING PHASE AND CUSTOMER APPROVAL.



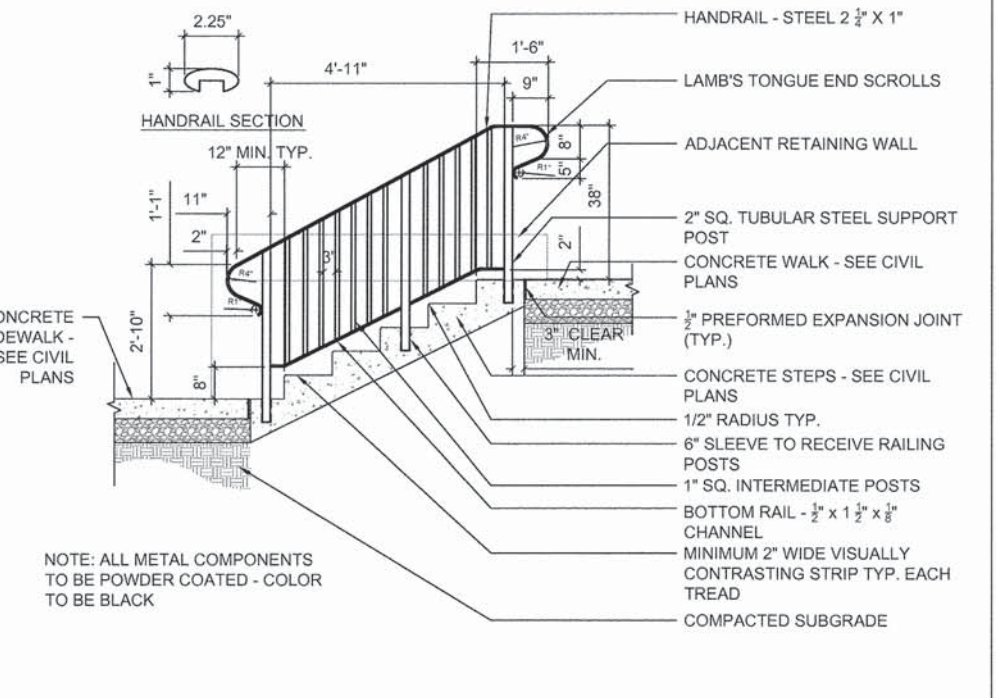
1 BIKE SHELTER
 1/4"=1'-0"

4 LIGHT BOLLARD
 1/2"=1'-0"

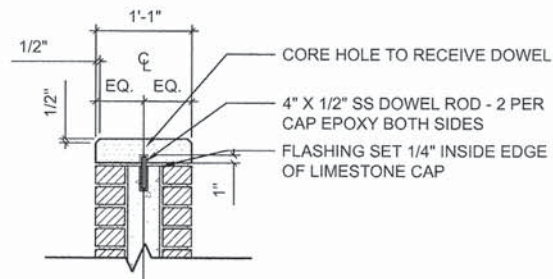


2 BIKE RACK
 1/2"=1'-0"

3 STEP DETECTABLE WARNING
 1/2"=1'-0"

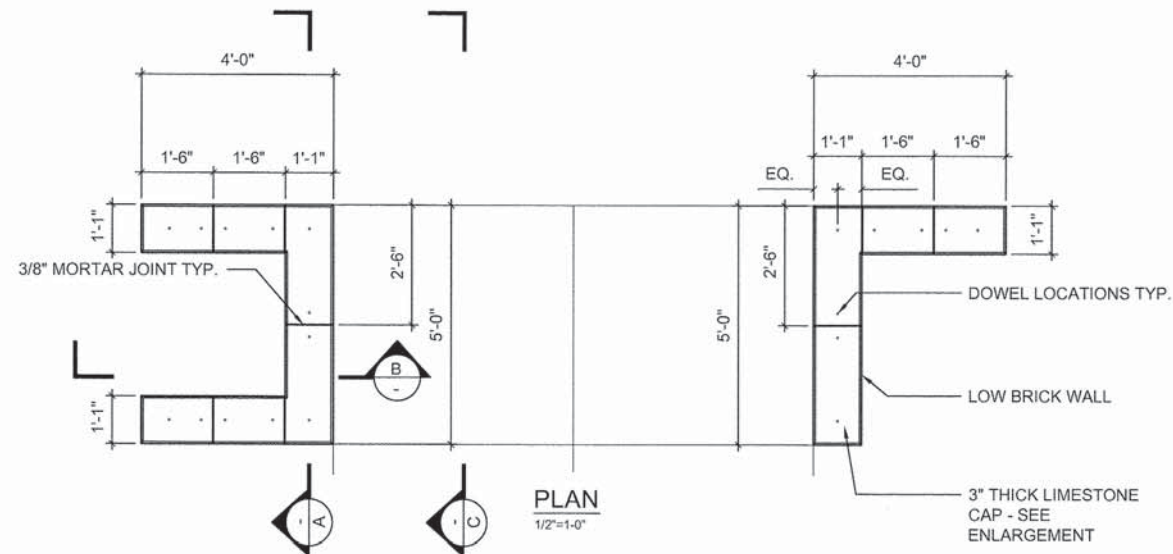


5 STEEL HANDRAIL
 1/2"=1'-0"



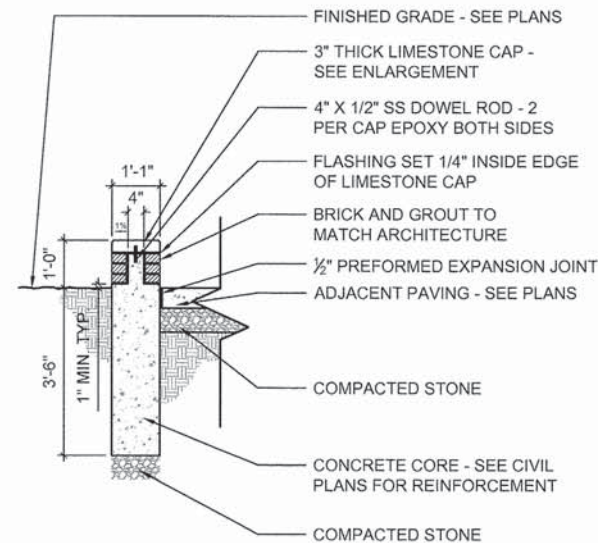
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1"=1'-0"



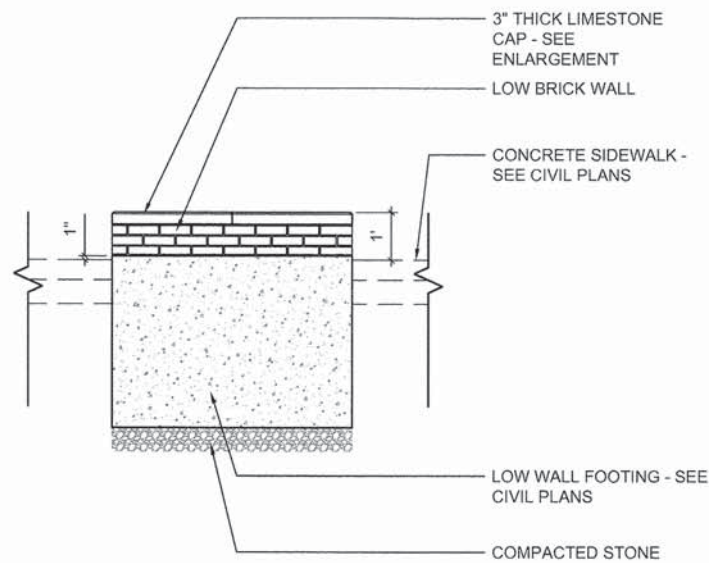
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1/2"=1'-0"



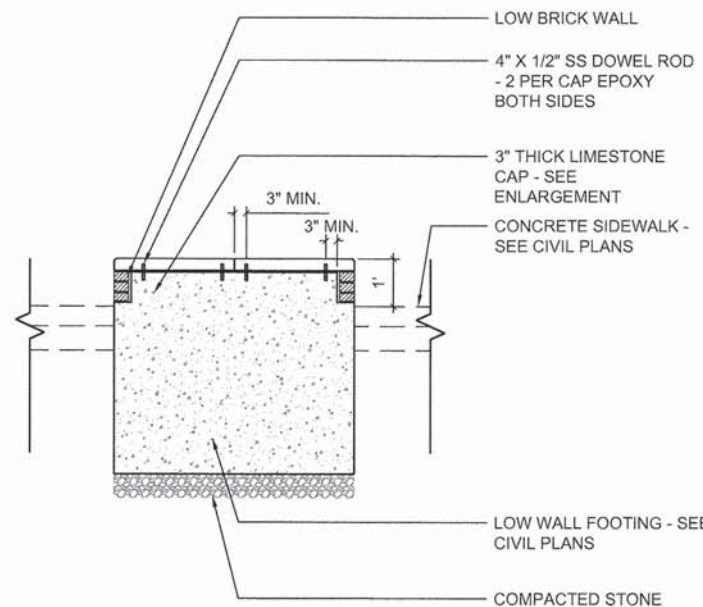
SECTION B

1/2"=1'-0"



ELEVATION

1/2"=1'-0"



SECTION A

1/2"=1'-0"

BRICK COLOR: YANKEE HILL
MEDIUM RED SMOOTH
SIZE: 3-5/8" x 2-1/4" x 7-5/8"
MORTAR: GRAY
JOINT SIZE: 3/8" CONCAVE
AVAILABLE THRU.: ILLINOIS
BRICK COMPANY
LIMESTONE COLOR: BUFF
GRADE: RUSTIC
FINISH: SMOOTH
AVAILABLE THRU.: INDIANA
LIMESTONE COMPANY

1 LOW BRICK WALL

TYLIN INTERNATIONAL
Altamanu Inc.
landscape architecture • urban design • planning

USER NAME =	DESIGNED -- PH	REVISED --
DRAWN -- OJ	REVISED --	
CHECKED -- JB	REVISED --	
DATE -- 5/12/2014	REVISED --	

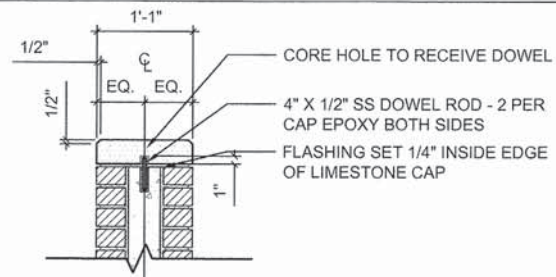
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
LANDSCAPE DETAILS

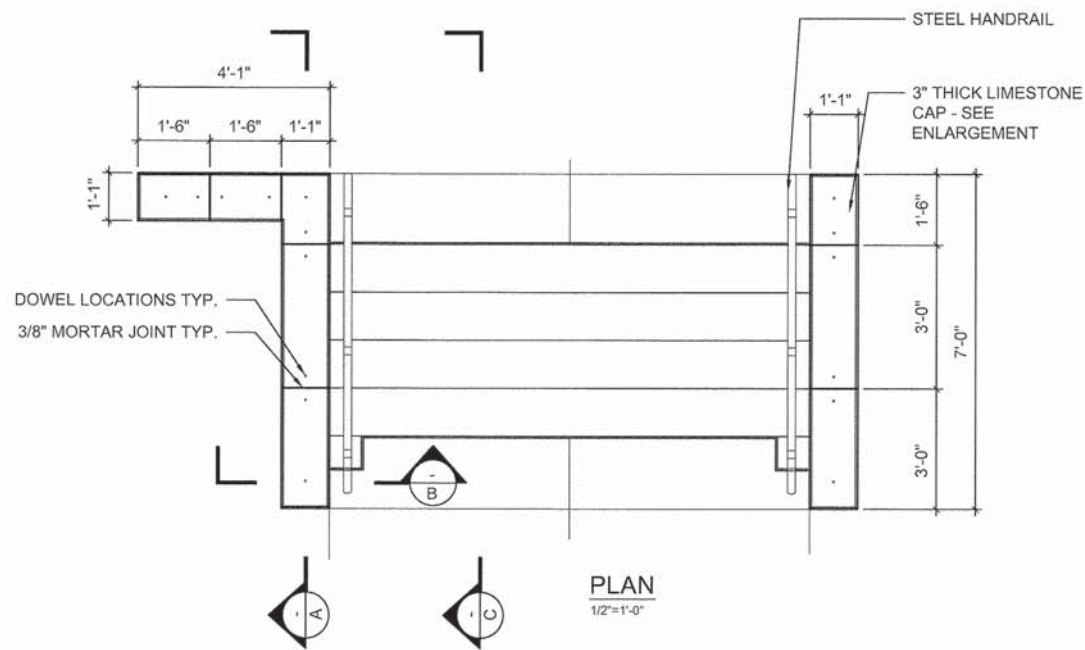
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F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	34
			CONTRACT NO.	
			61861	

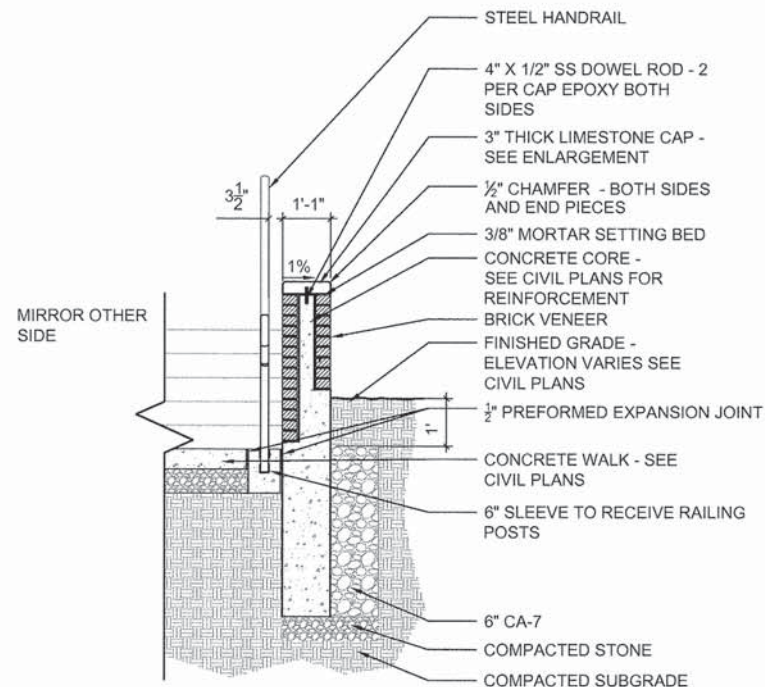
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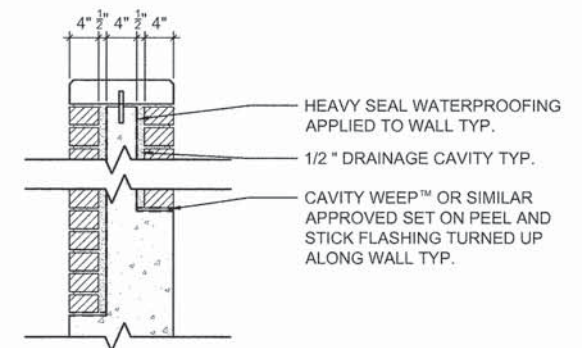
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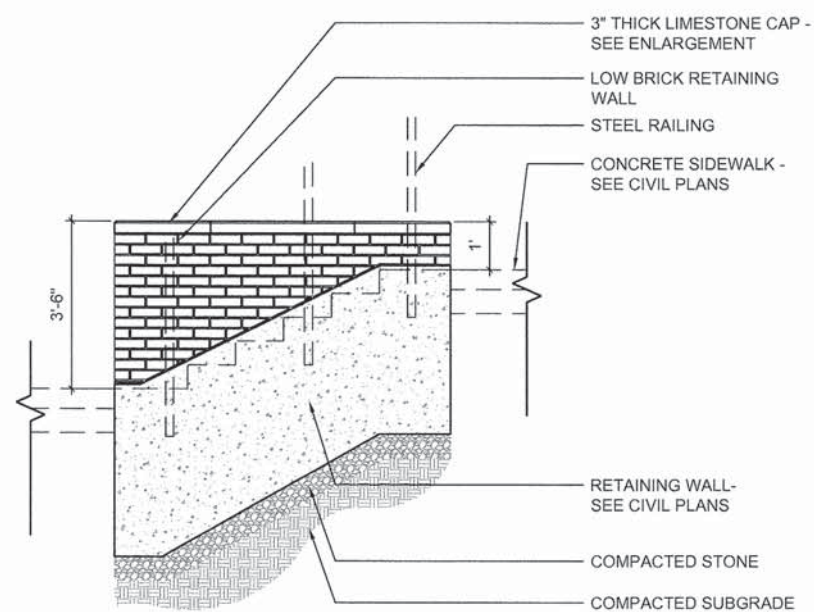
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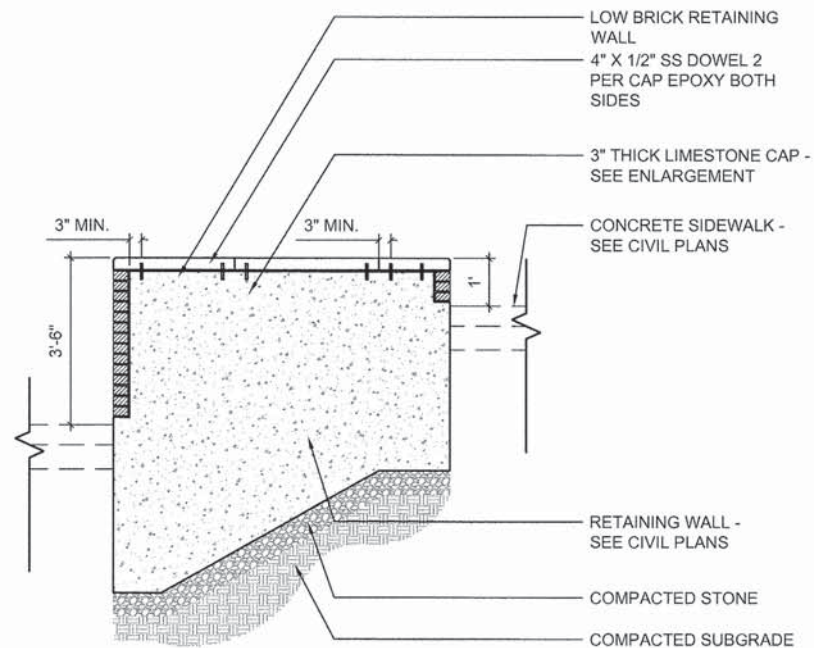
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1/2"=1'-0"



CORE ENLARGEMENT
1"=1'-0"



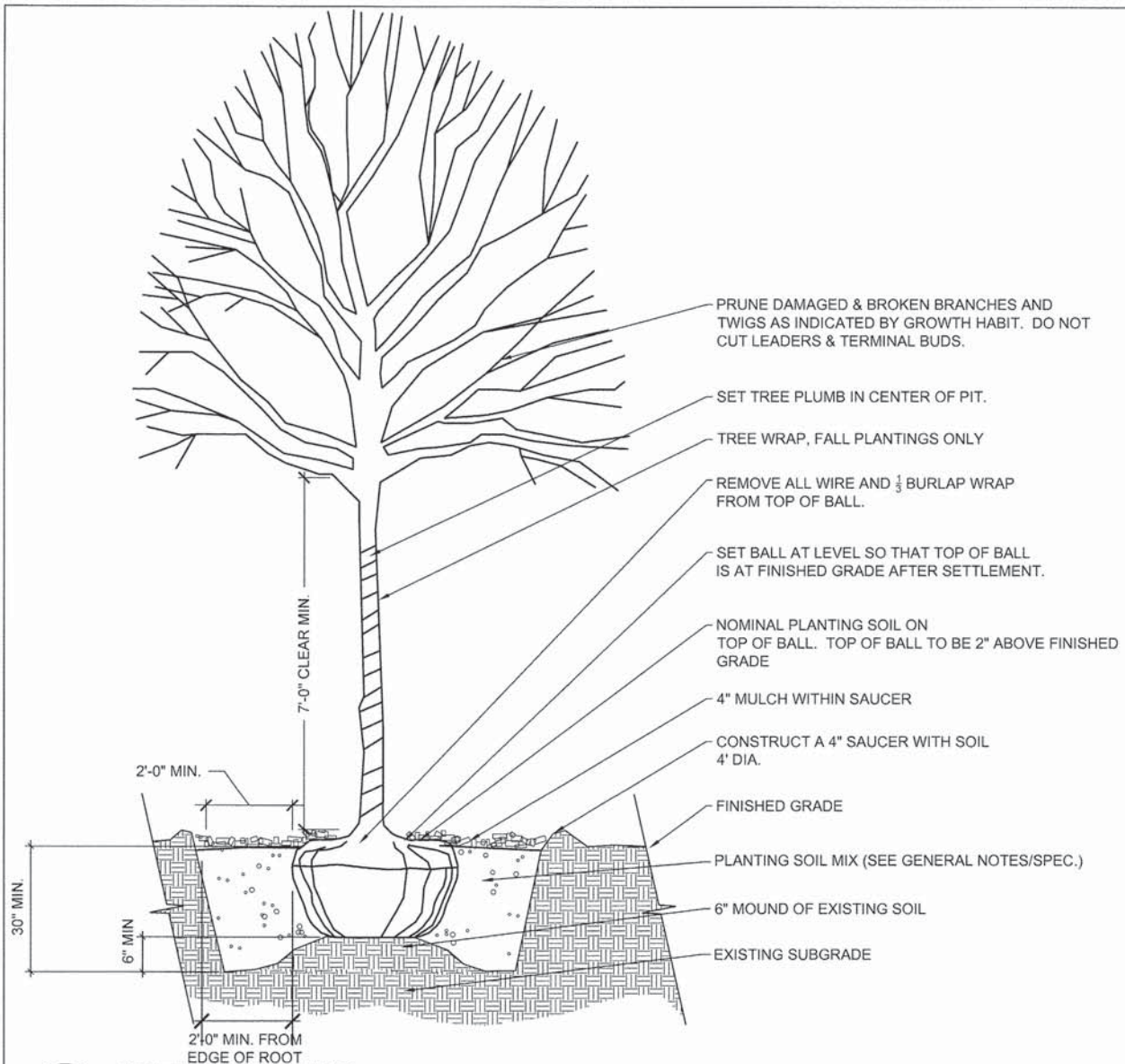
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1/2"=1'-0"



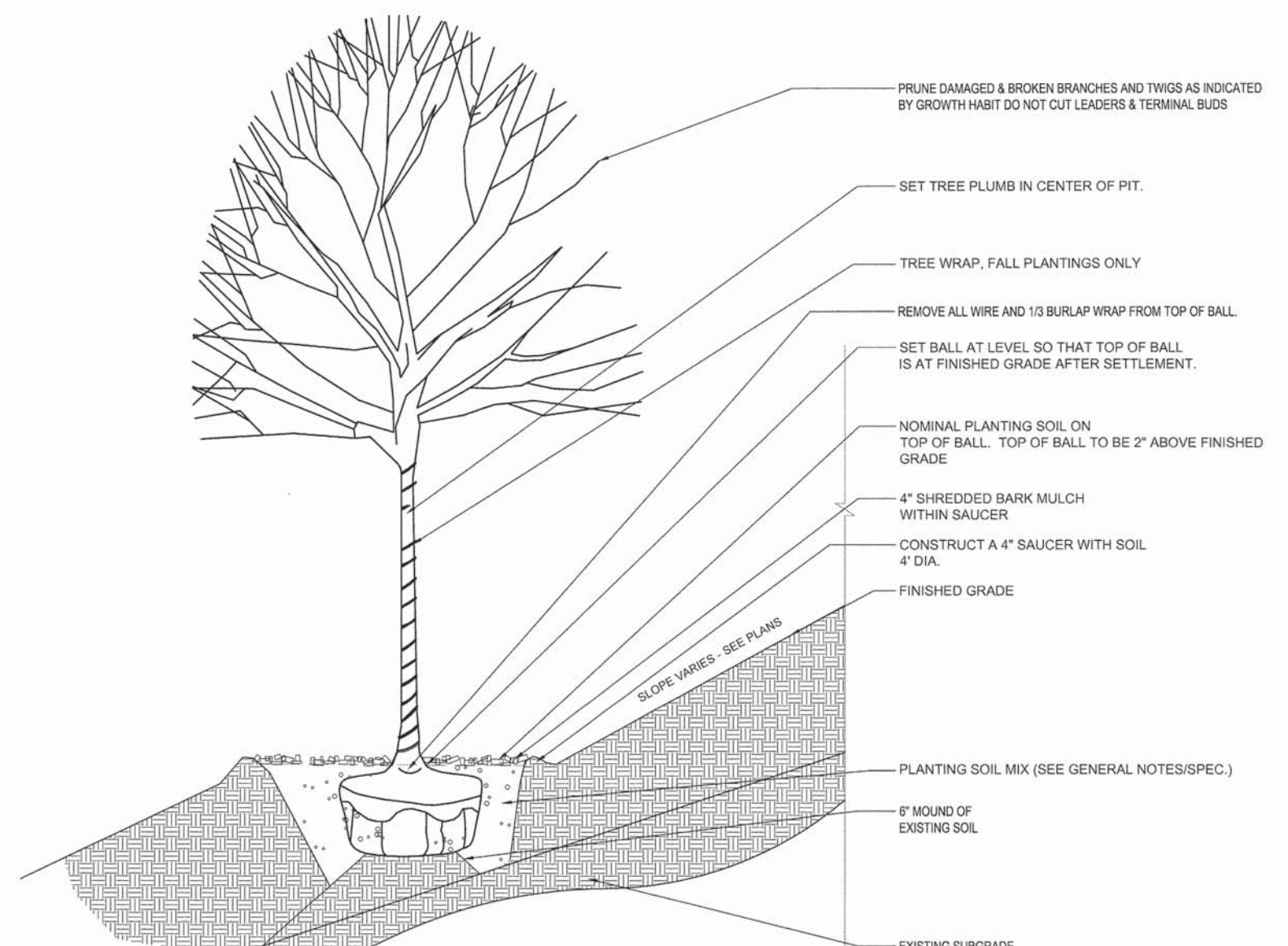
SECTION A
1/2"=1'-0"

BRICK COLOR: YANKEE HILL
MEDIUM RED SMOOTH
SIZE: 3-5/8" x 2-1/4" x 7-5/8"
MORTAR: GRAY
JOINT SIZE: 3/8" CONCAVE
AVAILABLE THRU.: ILLINOIS
BRICK COMPANY
LIMESTONE COLOR: BUFF
GRADE: RUSTIC
FINISH: SMOOTH
AVAILABLE THRU.: INDIANA
LIMESTONE COMPANY

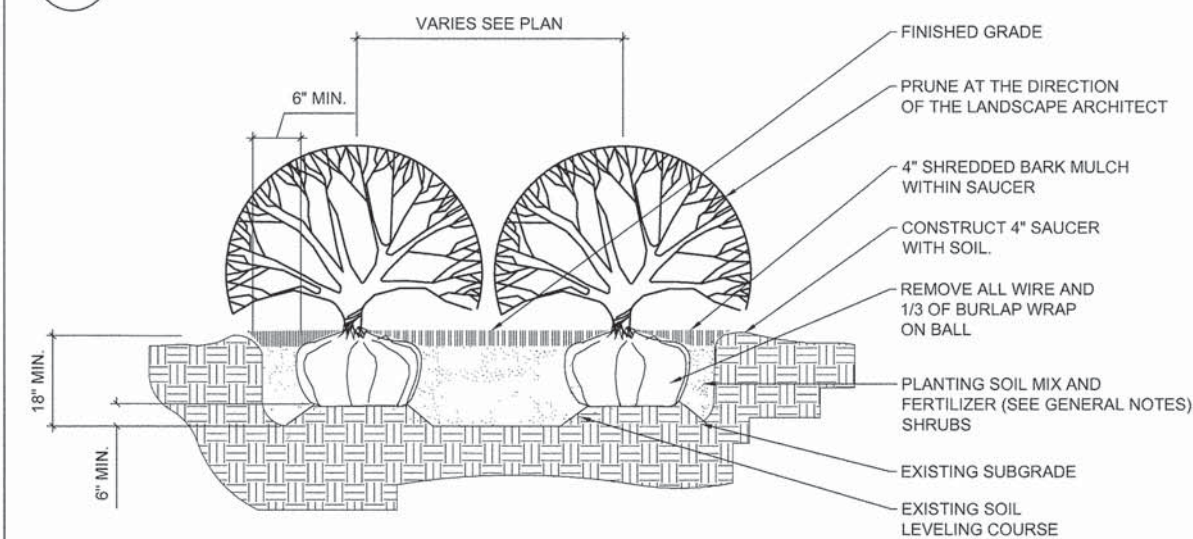
1 BRICK RETAINING WALL



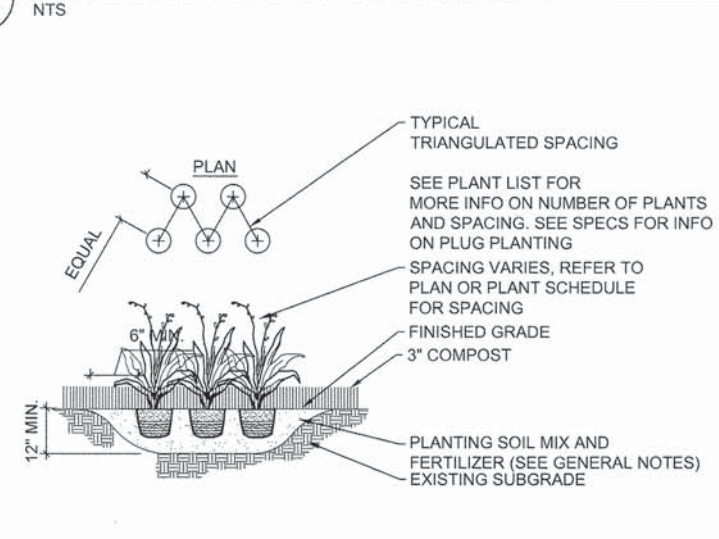
1 TREE PLANTING
NTS



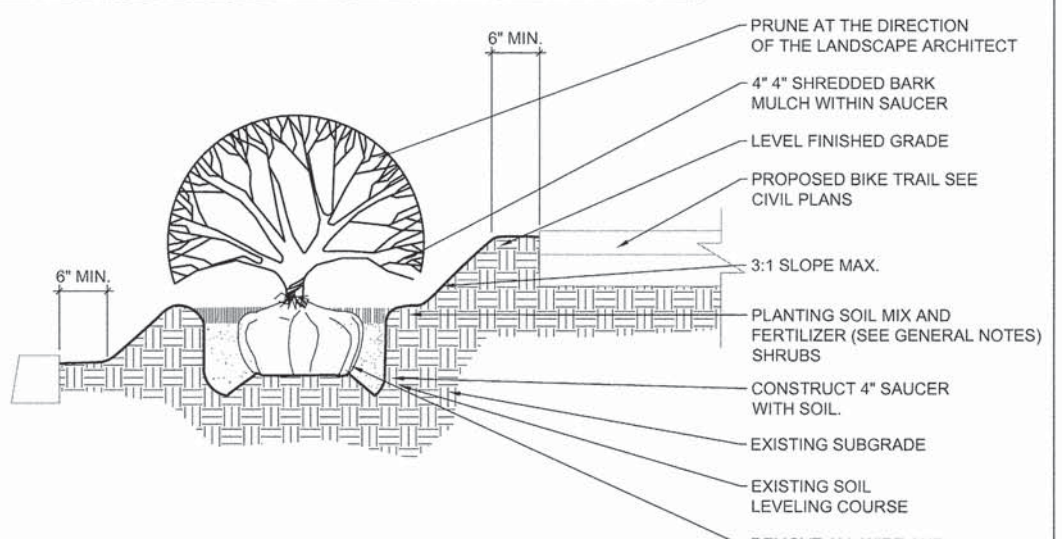
3 TREE PLANTING ON SLOPE
NTS



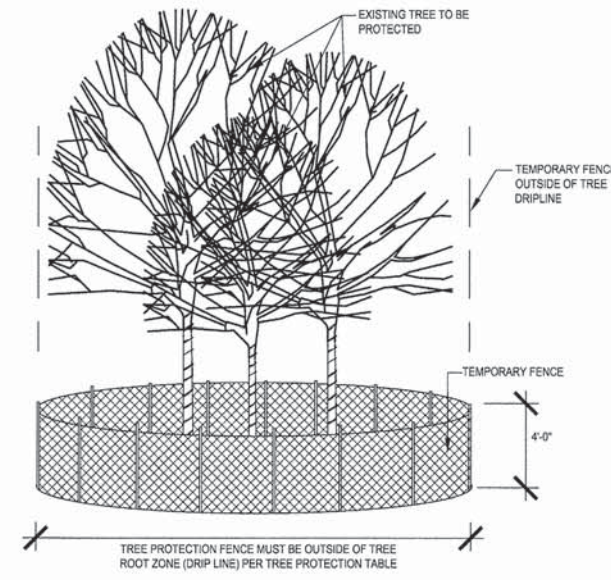
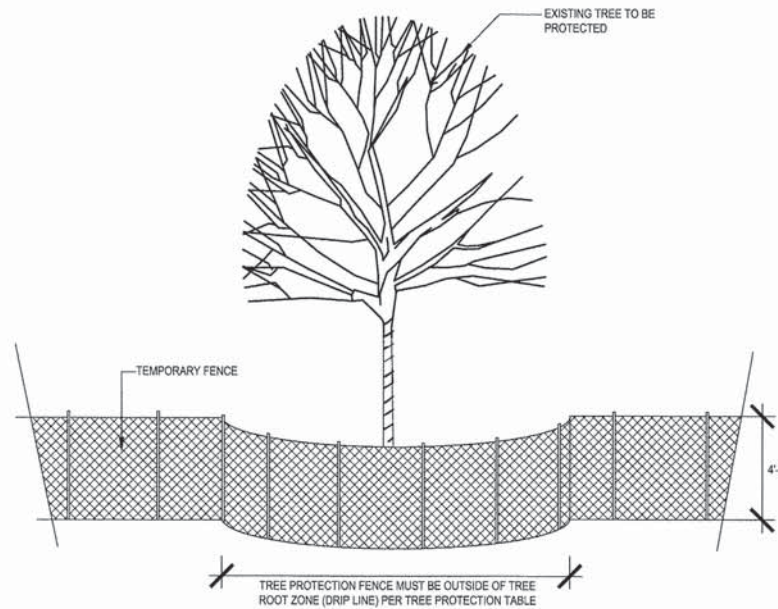
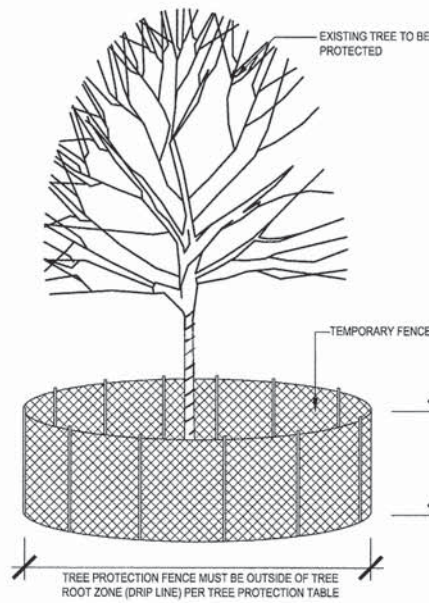
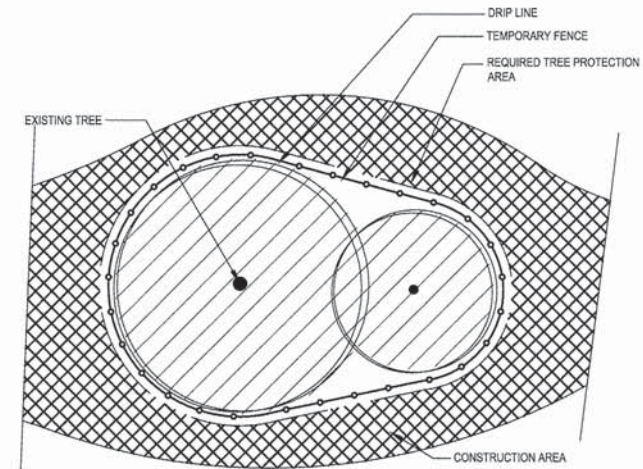
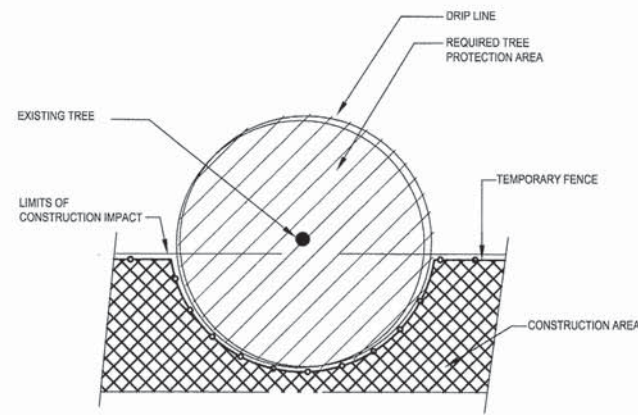
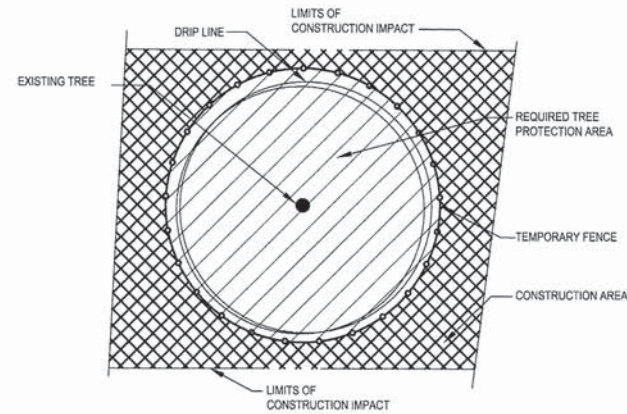
2 SHRUB PLANTING
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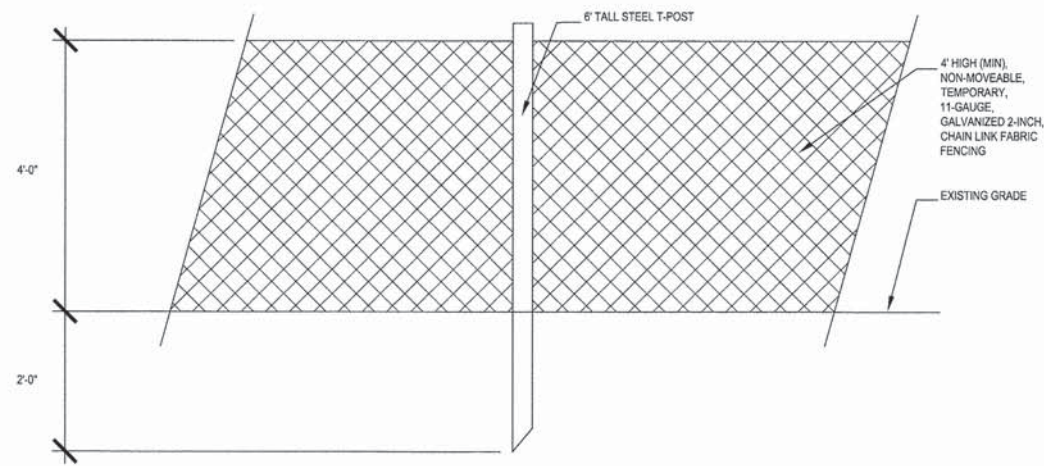
4 PLUG AND PERENNIAL PLANTING
NTS



5 SHRUB PLANTING ON SLOPE
NTS



TREE PROTECTION	MEASURED TREE CALIPER	RADIUS OF TREE PROTECTION FENCE AT EDGE OF DRIP LINE
PROTECTED PARKWAY AREA	VARIABLES	NONE, TREE PROTECTED BY TEMPORARY FENCE AT PROTECTION LIMITS
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE	0 CM - 20.3 CM (0'-8")	MINIMUM 2.44M (8') OR AS APPROVED BY SUPERINTENDENT
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE	>20.3 CM - 63.5 CM (>8'-25")	0.3048M (1') RADIUS FENCE FOR EACH 2.54CM (1") CALIPER OR AS APPROVED BY SUPERINTENDENT
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE	>63.5 CM (>25")	MINIMUM 2.44 (8') OR AS APPROVED BY SUPERINTENDENT
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE, ROOTPRUNED	0 CM - 20.3 CM (0'-8")	MINIMUM 2.44M (8') OR AS APPROVED BY SUPERINTENDENT
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE, ROOTPRUNED	>20.3 CM - 63.5 CM (>8'-25")	0.3048M (1') RADIUS FENCE FOR EACH 2.54CM (1") CALIPER OR AS APPROVED BY SUPERINTENDENT
TREE WITH DRIP LINE INTERSECTING THE TEMPORARY FENCE, ROOTPRUNED	>63.5 CM (>25")	MINIMUM 2.44 (8') OR AS APPROVED BY SUPERINTENDENT



1 TREE PROTECTION
NTS



USER NAME =	DESIGNED -- PH	REVISED --
PLOT SCALE =	DRAWN -- OJ	REVISED --
PLOT DATE = \$DATE\$	CHECKED -- JB	REVISED --
	DATE -- 5/12/2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
LANDSCAPE DETAILS

SCALE: VARIES SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	37
CONTRACT NO.			61A61	

\$DIAE\$



EXISTING TREE AND ROOTS
TO BE PRESERVED

12"-18" TURFNAILS WITH 1.5"
WASHERS (STAGGERED 3' O.C.)

APPROVED CONTRACTOR FOR ROOT AERATION
MATTING AND
SUPERSONIC AIR EXCAVATION:
THE CARE OF TREES
2371 S. FOSTER AVE
WHEELING, IL 60090
847.394.4226

NOTES:
ALL TREE ROOT PROTECTION/AERATION WORK
MUST BE DONE UNDER THE DIRECTION OF A
CERTIFIED ARBORIST, AND IN THE PRESENCE
OF THE LANDSCAPE ARCHITECT. WORK SHALL
BE PERFORMED BY A QUALIFIED CONTRACTOR
WHOSE WORK HAS RESULTED IN SUCCESSFUL
ROOT AERATION MATTING INSTALLATIONS.
DOCUMENTATION TO SUPPORT CONTRACTOR
QUALIFICATIONS SHALL BE SUBMITTED TO
OWNER. THE QUALIFIED CONTRACTOR SHALL
HAVE THREE (3) YEARS EXPERIENCE
INSTALLING ROOT AERATION MATTING.

ROOT AERATION MATTING TO BE INSTALLED
ON TOP OF EXISTING ROOTS. SECURED WITH
TURFNAILS AND VENTED AT TOE OF SLOPE.
ROOT AERATION MAT:
HEAVY DUTY HIGH DENSITY POLYETHYLENE
0.54" THICKNESS
PER ARBORIST RECOMMENDATIONS
(SEE SUPPLEMENTAL INFORMATION IN
SPECIFICATIONS FOR ADDITIONAL DETAIL ON
MATTING)

SLOPE BACKFILL DOWN TO EXISTING GRADE
3" HOT-MIX ASPHALT SURFACE COURSE - SEE CIVIL PLANS
8" AGGREGATE BASE COURSE - SEE CIVIL PLANS
GEOGRID

TOPSOIL SHALL BE NON-INVASIVELY
EXCAVATED WITH SUPERSONIC AIR TOOL (SSAT)
TO ROOT DENIAL DEPTH PRIOR TO INSTALLATION
OF ROOT AERATION MATTING.

RESULTS OF EXCAVATION SHALL BE DOCUMENTED WITH
A CERTIFIED ARBORIST AND FINAL DETAIL OF SIDEWALK
INSTALLATION MAY BE MODIFIED BY ENGINEER / LANDSCAPE
ARCHITECT BASED ON THOSE RESULTS.

ROOTS MUST NOT BE EXPOSED FOR LONGER THAN 6 HOURS
AND CONTRACTOR MUST PREVENT DESICCATION OF ROOTS.

1 ROOT AERATION MATTING

NTS



USER NAME ==	DESIGNED -- PH	REVISED --
	DRAWN -- OJ	REVISED --
PLOT SCALE ==	CHECKED -- JB	REVISED --
PLOT DATE == \$DATE\$	DATE -- 5/12/2014	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF LAKE FOREST MCCLORY BIKE PATH
LANDSCAPE DETAILS

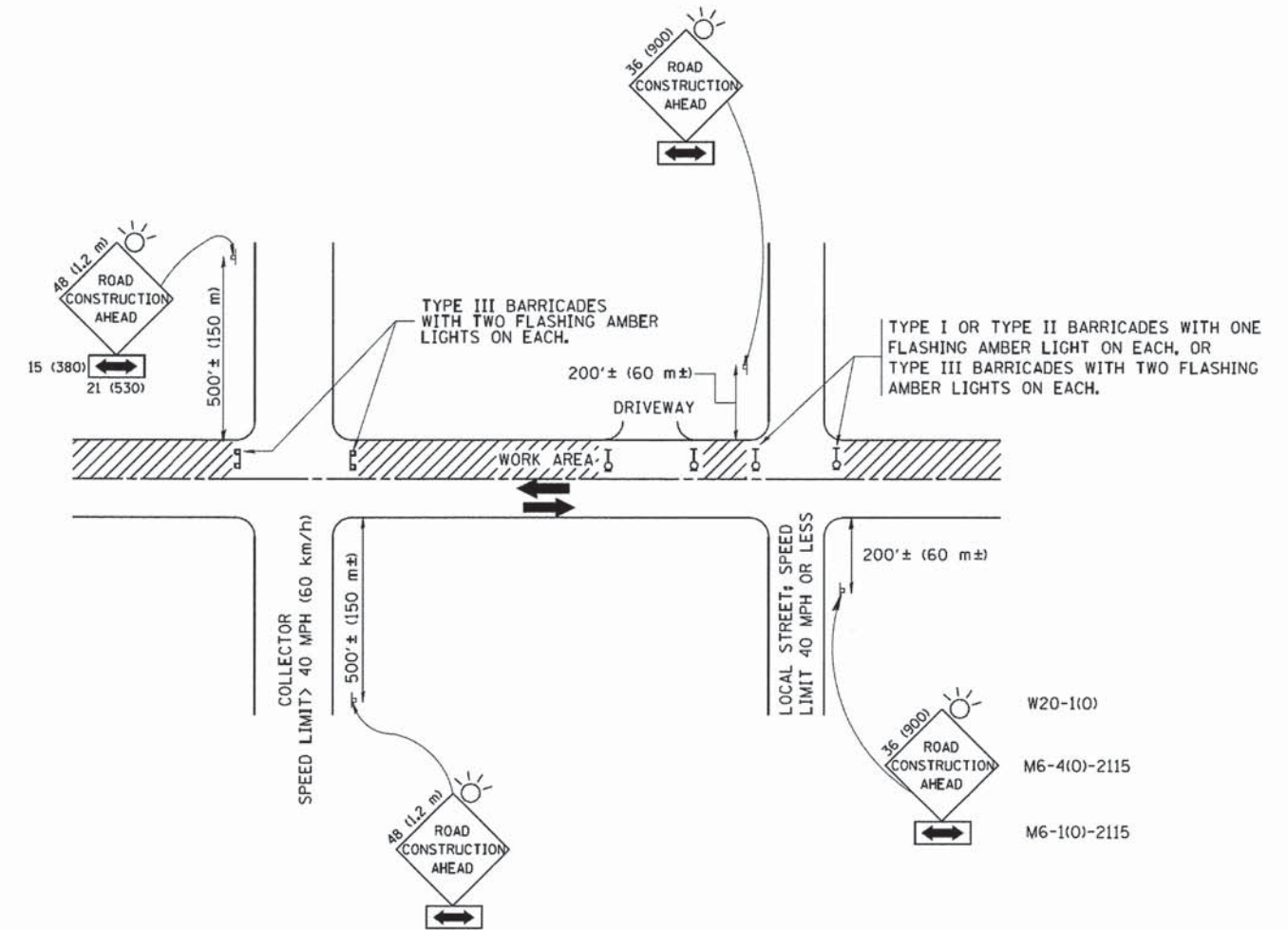
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F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	38
			CONTRACT NO.	
			61A61	

\$DATE\$

THIS SHEET LEFT INTENTIONALLY BLANK

TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		GENERAL NOTES, LIST OF HIGHWAY STANDARDS & LEGEND			12-00093-00-BT	LAKE	63	39
	CHECKED - DBD	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61A61		
	DATE - 5/12/2014	REVISED -								



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.

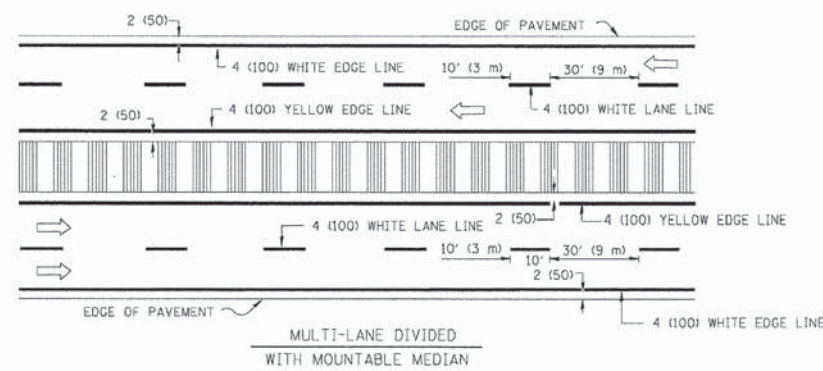
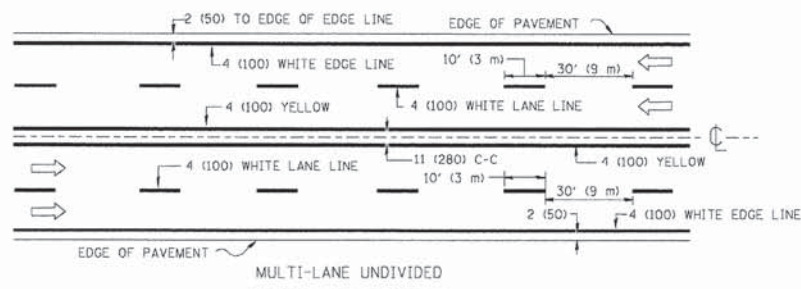
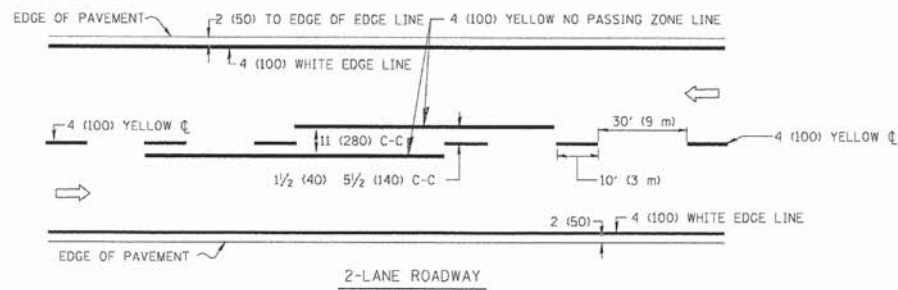
All dimensions are in millimeters (inches) unless otherwise shown.

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		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

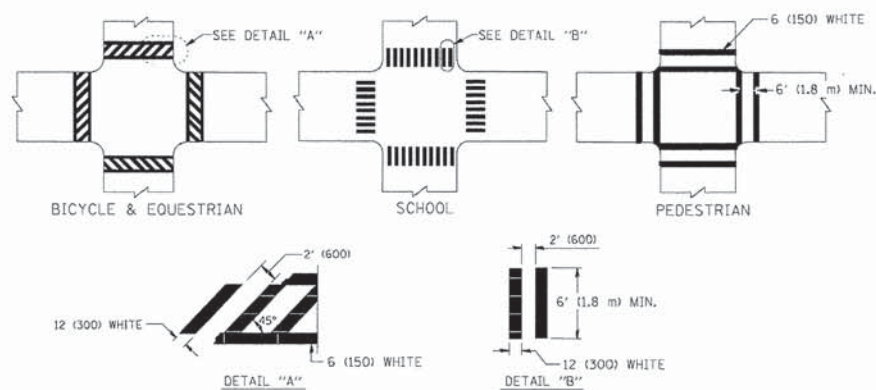
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 61A61	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

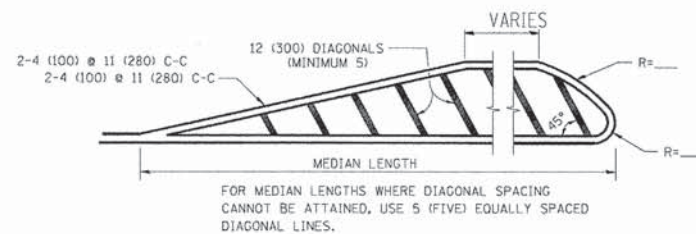
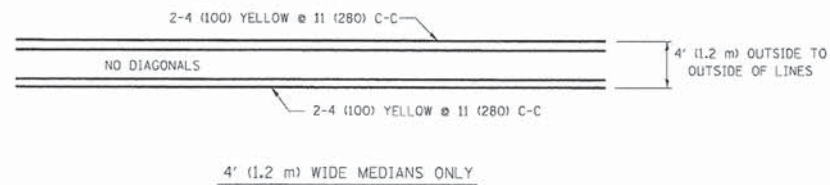


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

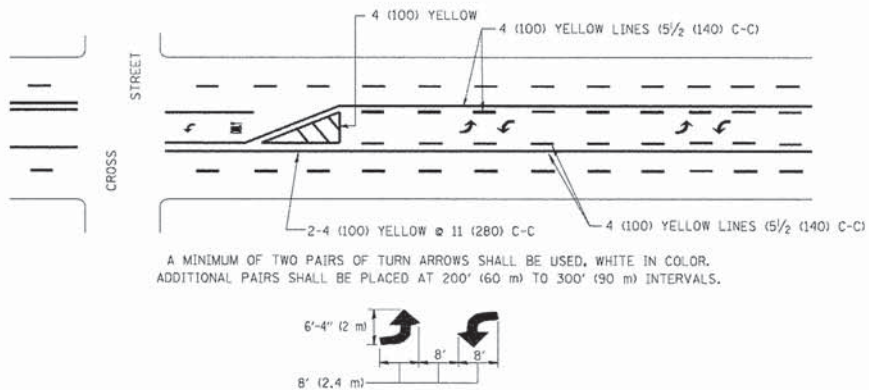


TYPICAL CROSSWALK MARKING

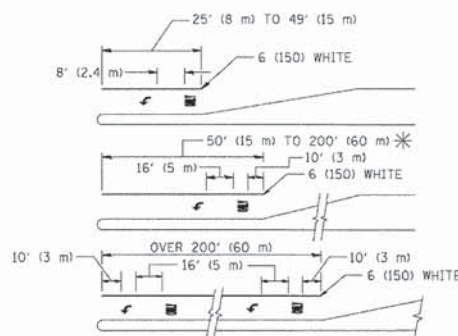


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



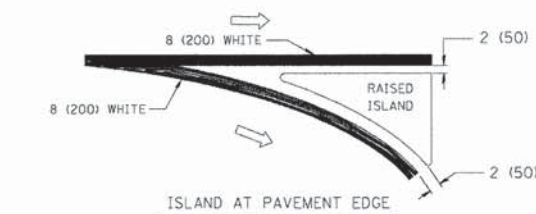
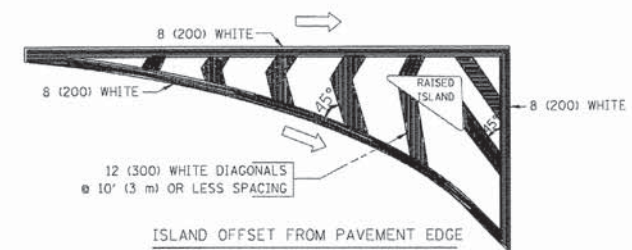
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2' (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINES; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2' (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT; OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

FILE NAME =	USER NAME = drsvakosgn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
et:\pw\work\pwidot\drsvakosgn\d8108315\to3.dgn		DRAWN -	REVISED -C. JUXTUS 09-09-09
		CHECKED -	REVISED -
		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

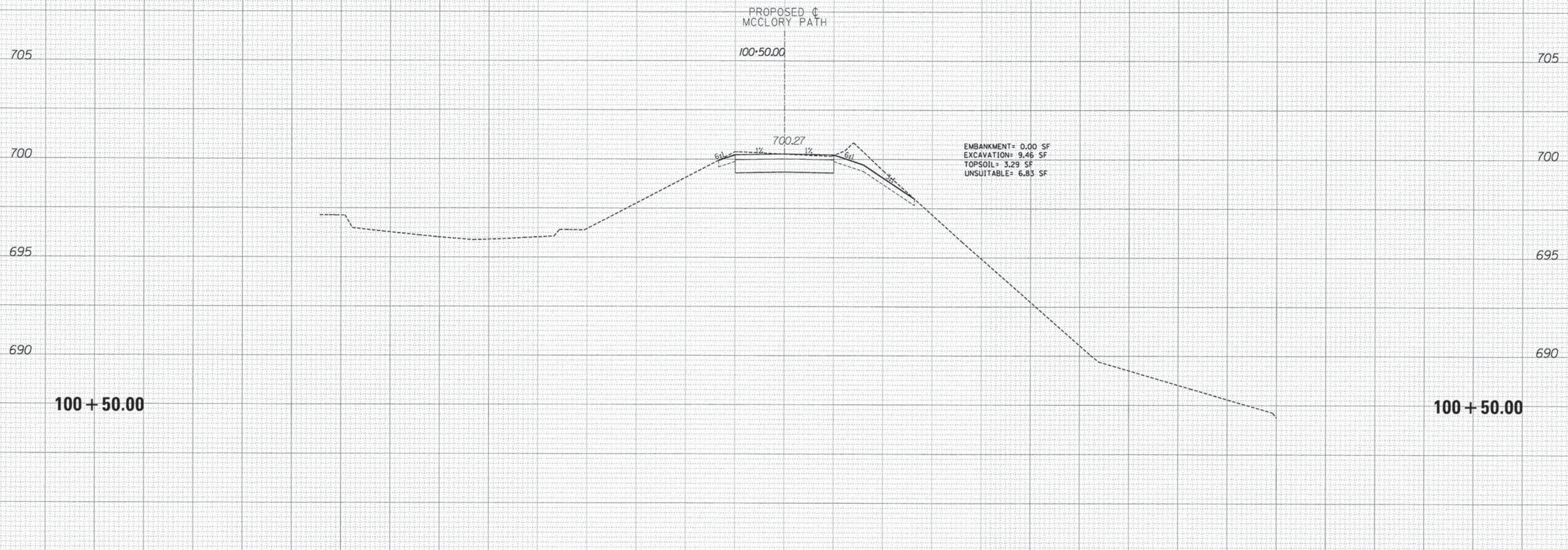
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	41
TC-13		CONTRACT NO. 61A61		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
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TYLIN INTERNATIONAL

DESIGNED - PP	REVISED - 5/29/2014
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DATE - 05/12/2014	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

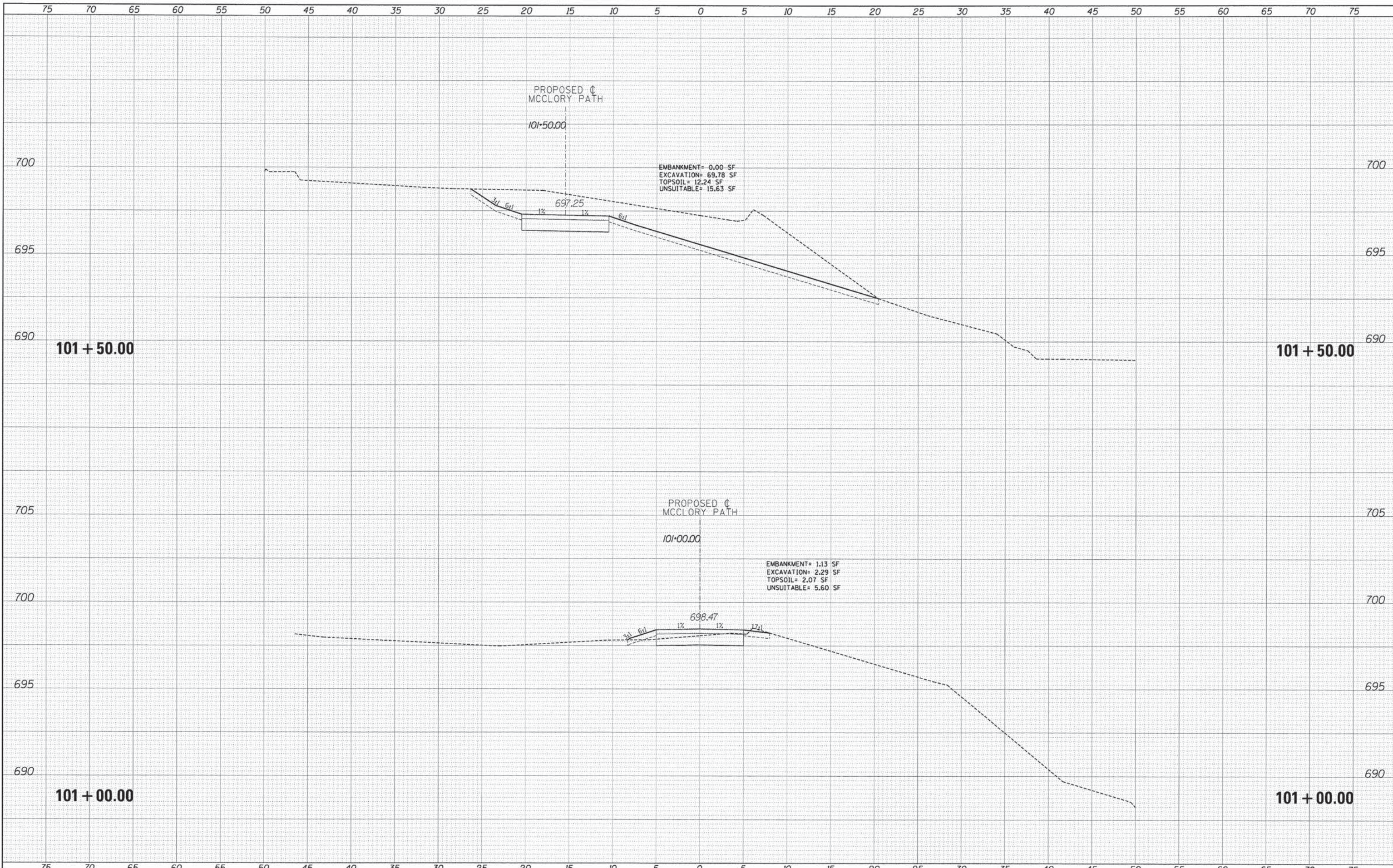
CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS
SCALE: 1" = 10' H
SHEET 1 OF 22 SHEETS STA. 100+50.00 TO STA. 100+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	42
CONTRACT NO. 61A61				
ILLINOIS FED. AID PROJECT				

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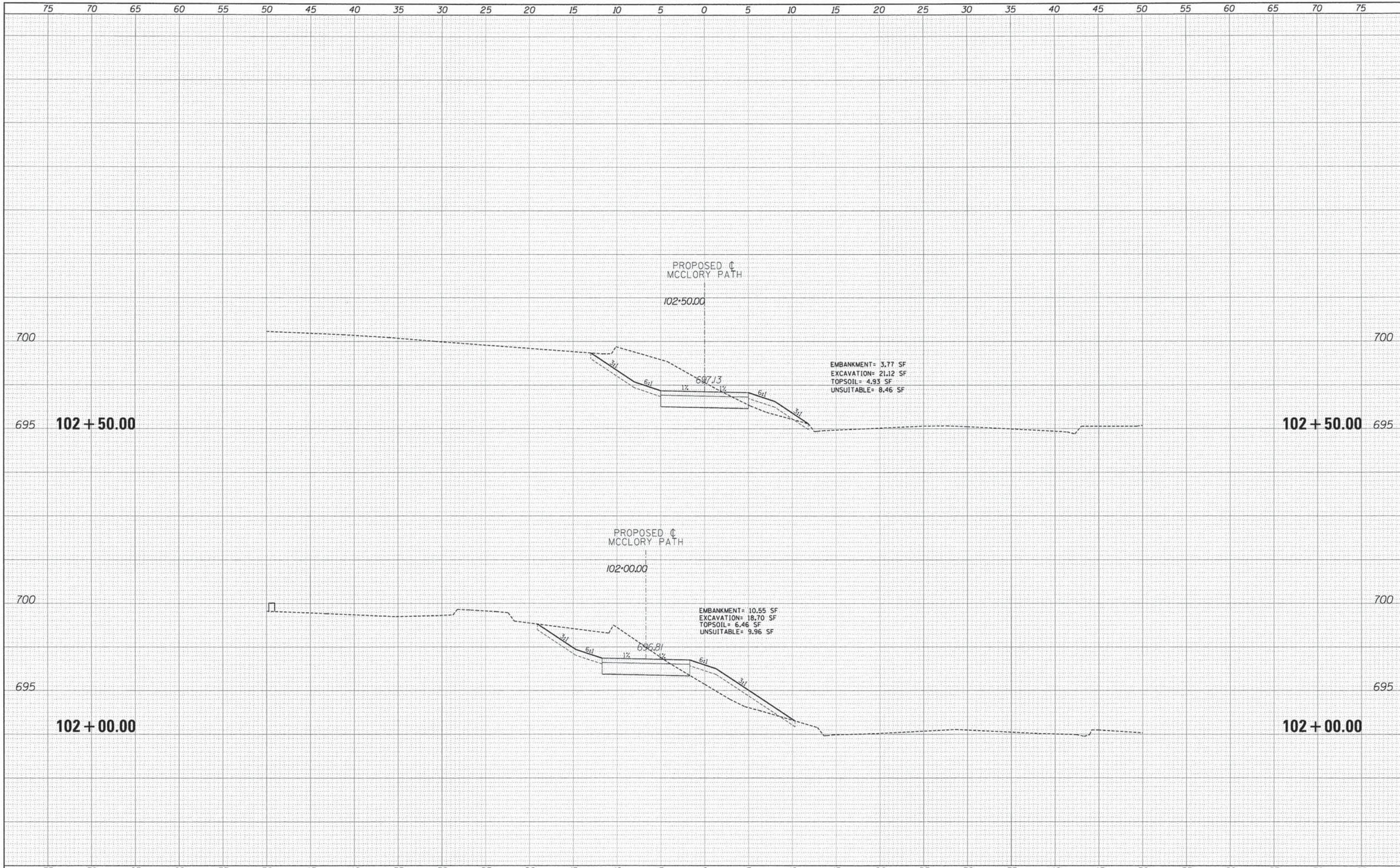


TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - PP	REVISED -		PROPOSED CROSS SECTIONS			12-00093-00-BT	LAKE	63	43	
	CHECKED - DBD	REVISED -		SCALE: 1" = 10' H	SHEET 2 OF 22 SHEETS	STA. 101+00.00 TO STA. 101+50.00	CONTRACT NO. 61A61				
	DATE - 05/12/2014	REVISED -		ILLINOIS FED. AID PROJECT							

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TYLIN INTERNATIONAL

DESIGNED - PP	REVISED - 5/29/2014
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DATE - 05/12/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

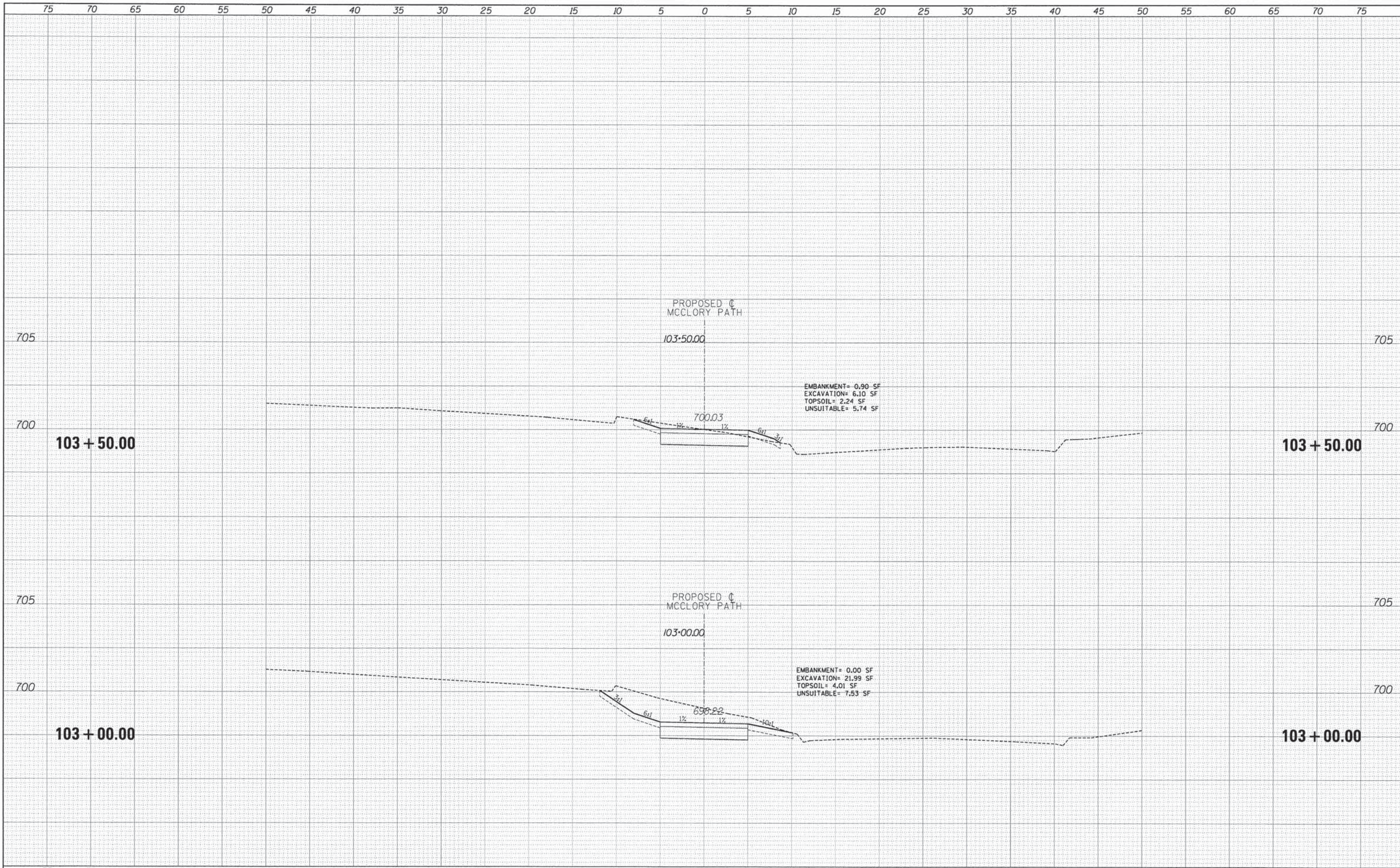
SCALE: 1" = 10' H
1" = 5' V SHEET 3 OF 22 SHEETS STA. TO STA. 102+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	44
CONTRACT NO. 61A61			ILLINOIS FED. AID PROJECT	

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TYLIN INTERNATIONAL

DESIGNED	PP	REVISED	5/29/2014
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DATE	05/12/2014	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

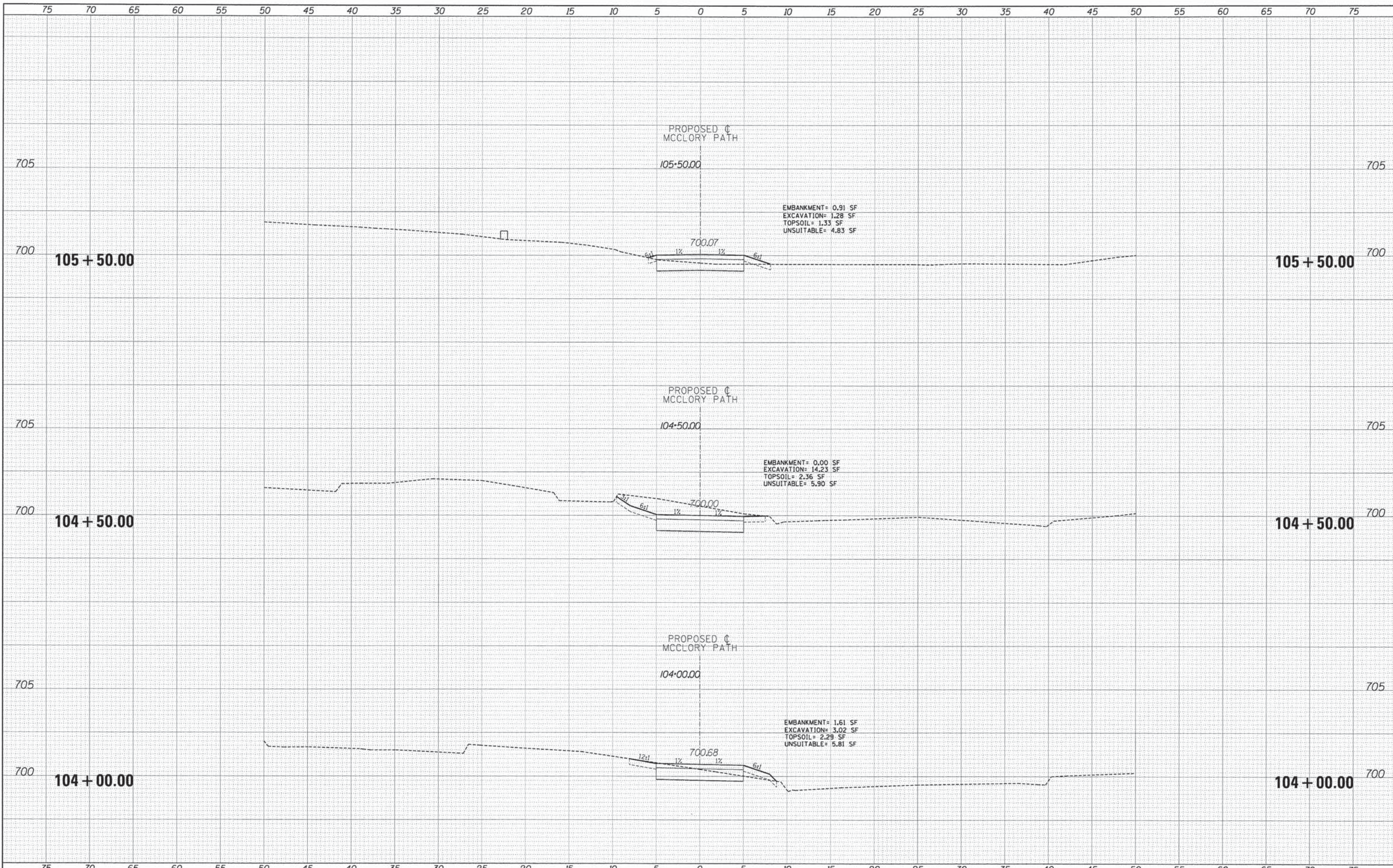
SCALE: 1" = 10' H
SHEET 4 OF 22 SHEETS STA. 103+00.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	45
			CONTRACT NO. 61A61	
ILLINOIS FED. AID PROJECT				

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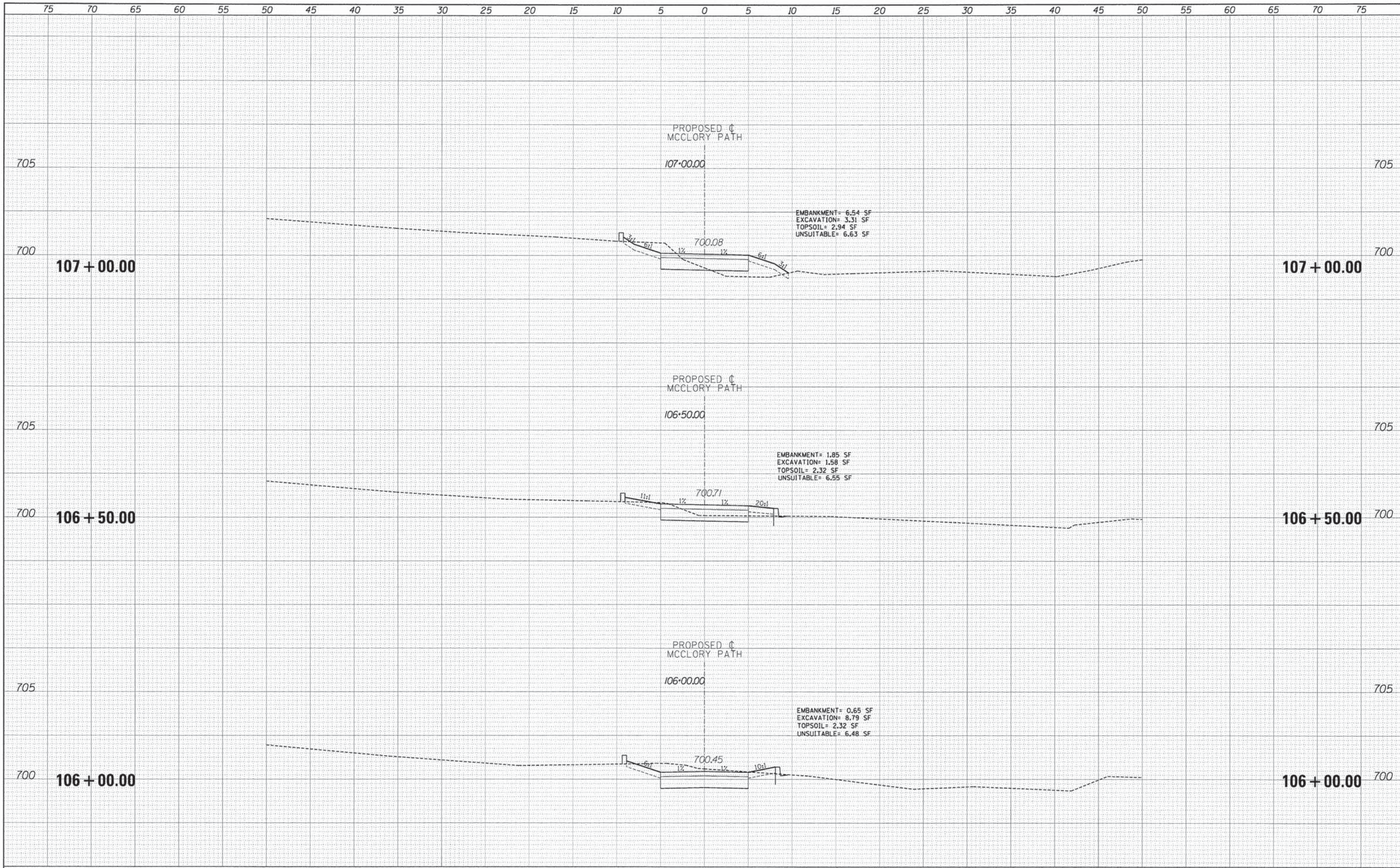


TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -			12-00093-00-BT	LAKE	63	46	
	CHECKED - DBD	REVISED -			CONTRACT NO. 61A61		[ILLINOIS] FED. AID PROJECT		
	DATE - 05/12/2014	REVISED -			SCALE: 1" = 10' V	SHEET 5 OF 22 SHEETS	STA. TO STA. 105+50.00		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

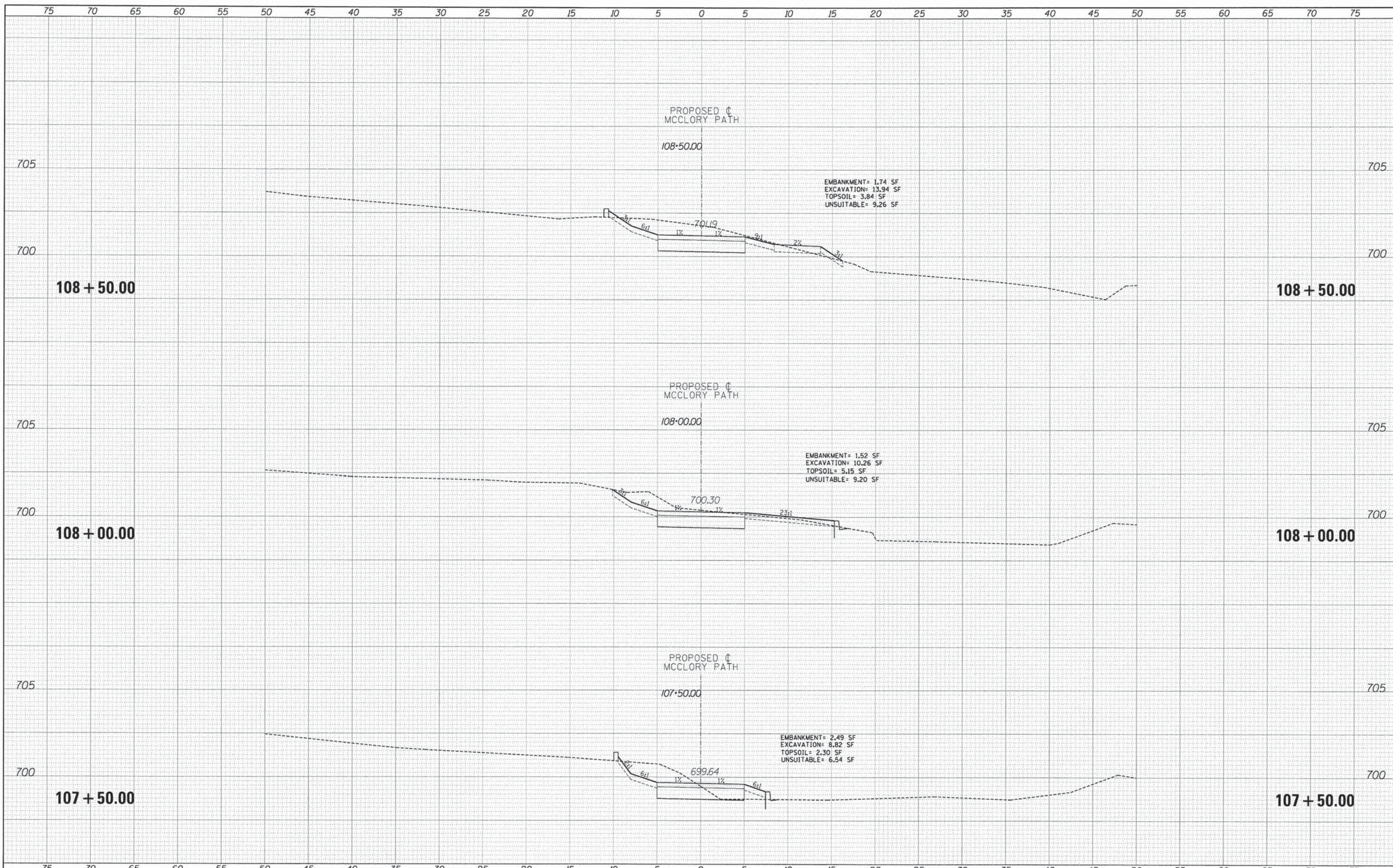
**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**
 SCALE: 1" = 10' H
 SHEET 6 OF 22 SHEETS | STA. 106+00.00 TO STA. 107+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	47
CONTRACT NO. 61A61				
ILLINOIS FED. AID PROJECT				

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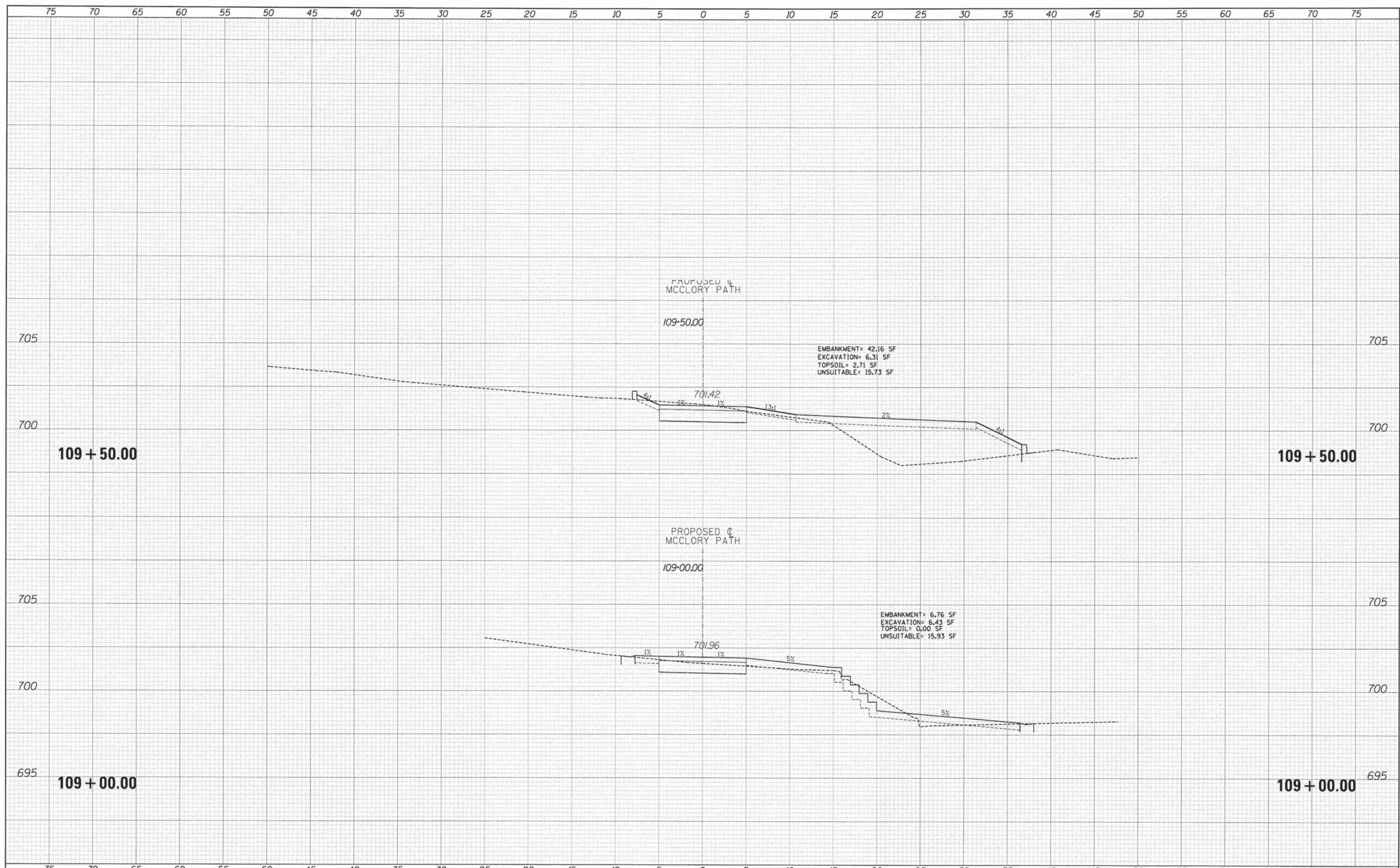
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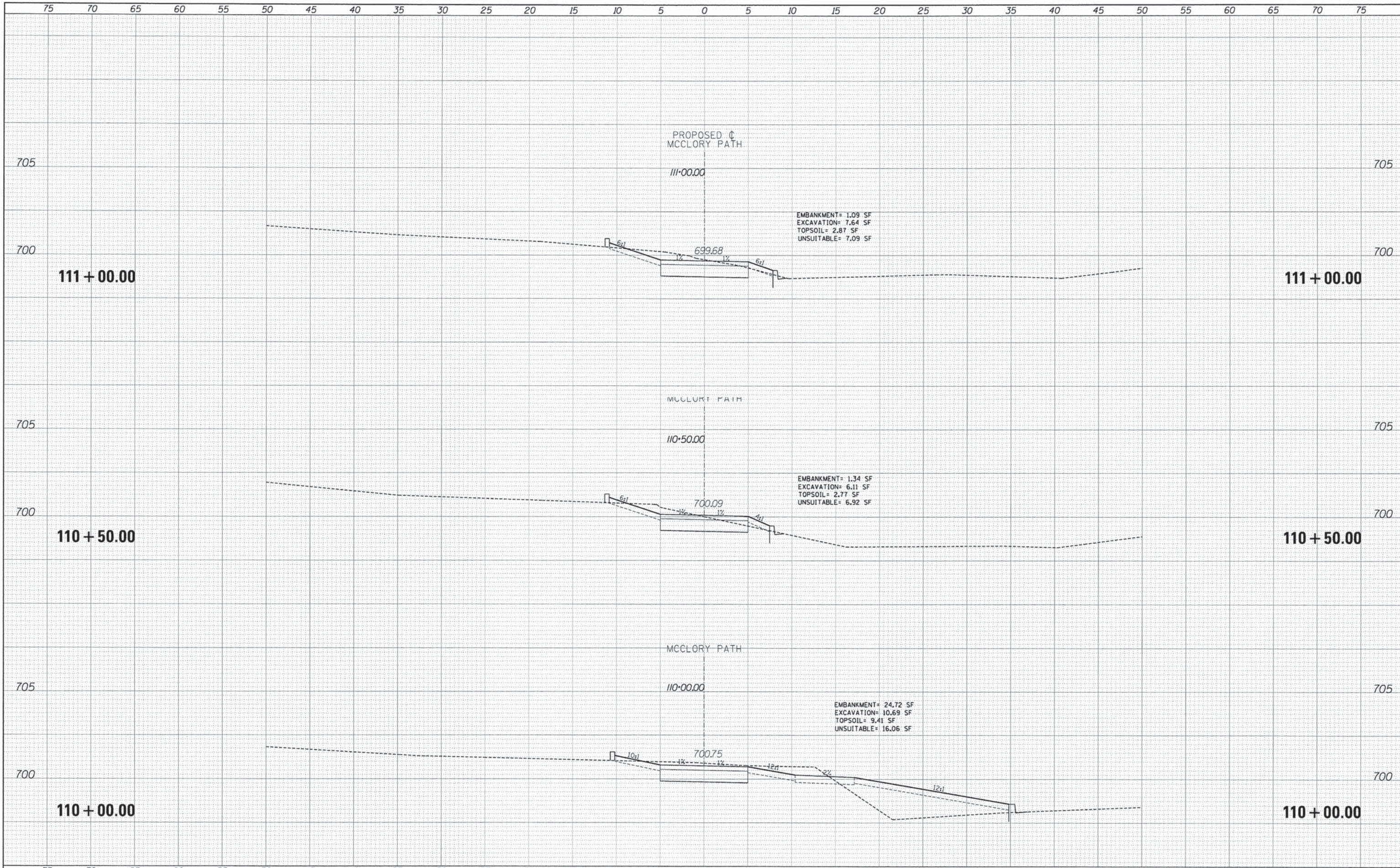
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TYLIN INTERNATIONAL

DESIGNED	PP	REVISED	5/29/2014
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DATE	05/12/2014	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

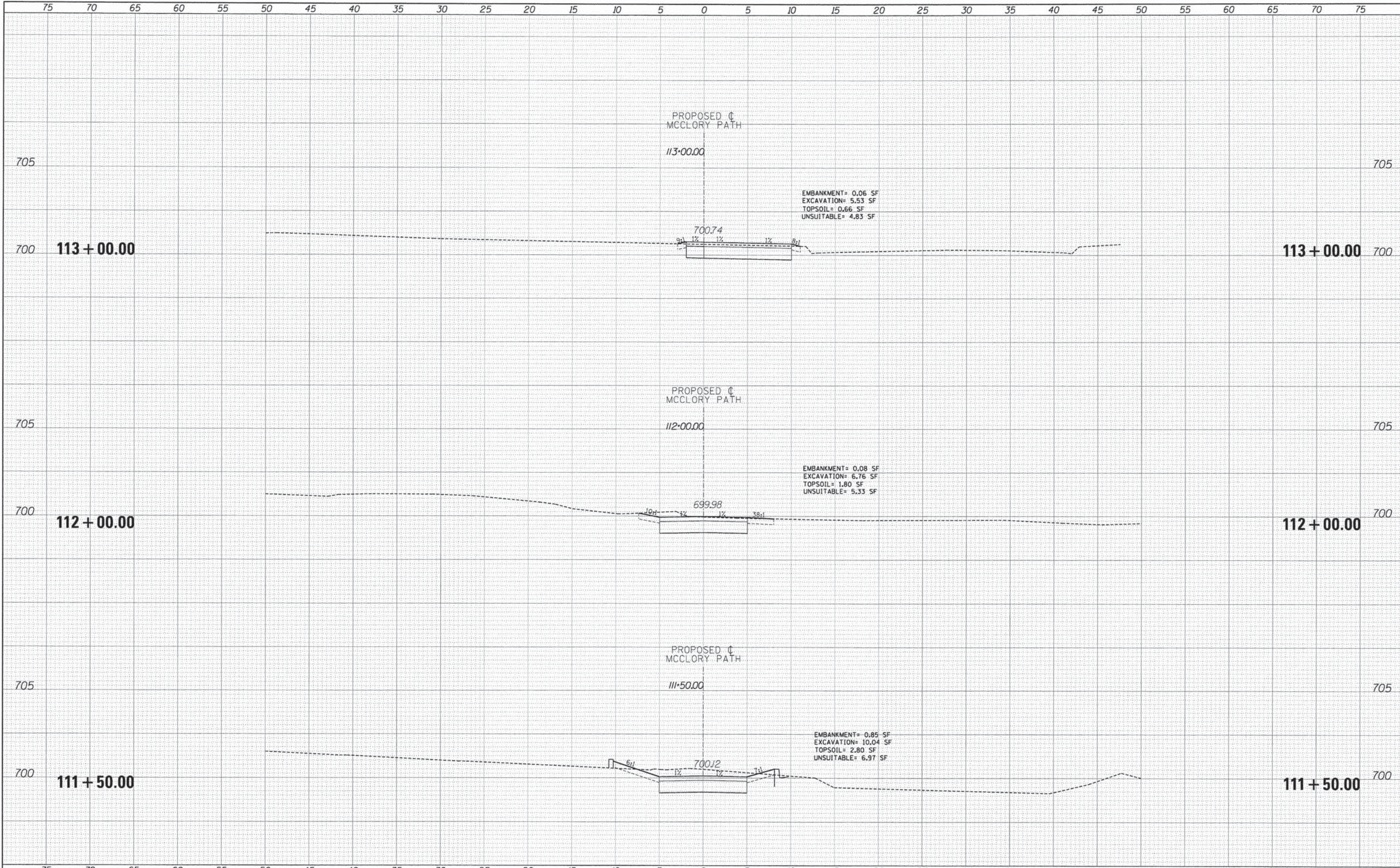
**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**
SCALE: 1" = 10' H
SHEET 9 OF 22 SHEETS STA. 110+00.00 TO STA. 111+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	50
CONTRACT NO. 61A61				
ILLINOIS FED. AID PROJECT				

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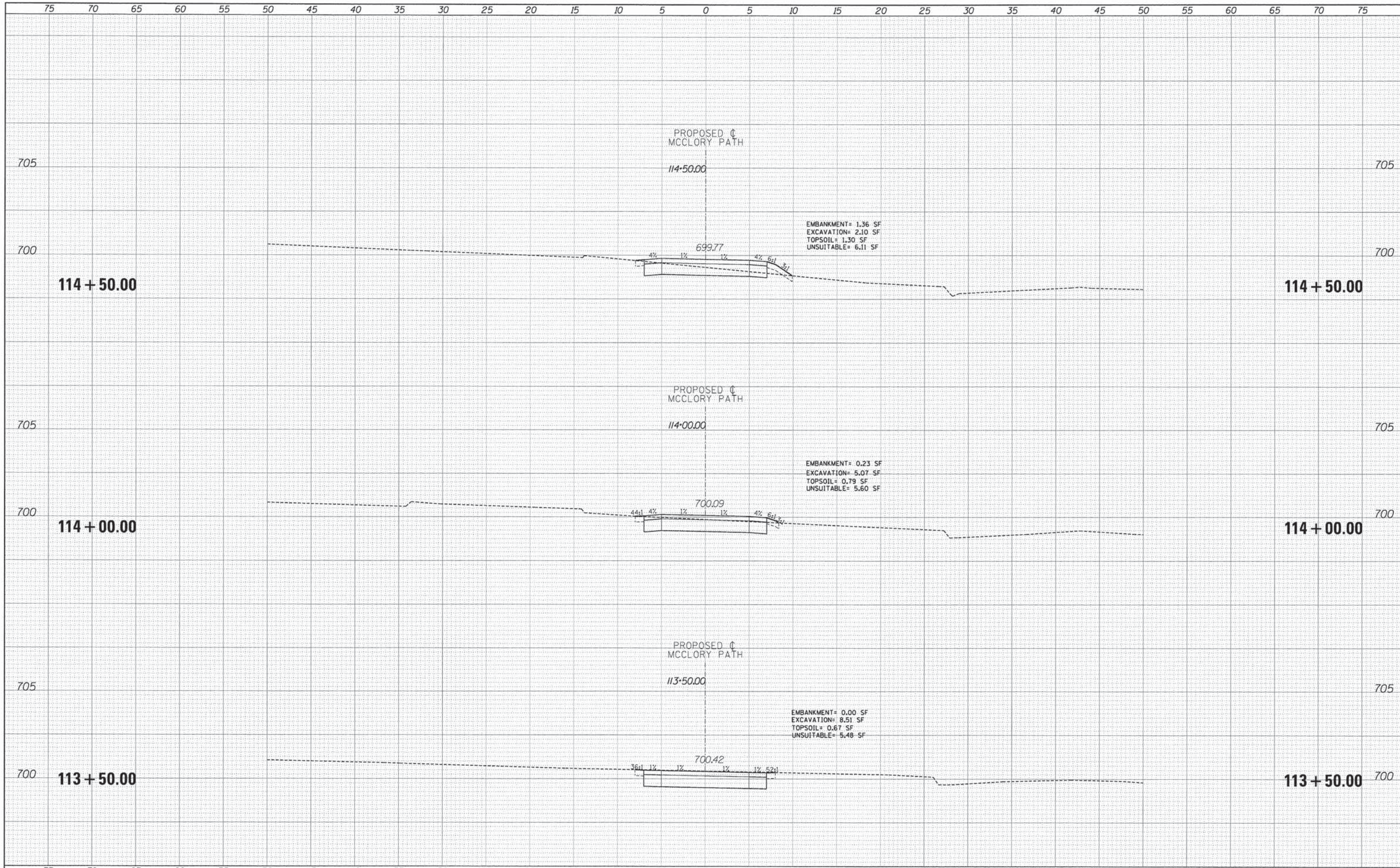


TYLIN INTERNATIONAL PL01 DATE = 6/3/2014	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED CROSS SECTIONS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		12-00093-00-BT	LAKE	63	51					
	CHECKED - DBD	REVISED -		CONTRACT NO. 61A61				ILLINOIS FED. AID PROJECT				
	DATE - 05/12/2014	REVISED -		SCALE: 1" = 10' H 1" = 5' V	SHEET 10 OF 22 SHEETS	STA. TO STA. 113+00.00						

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TYLIN INTERNATIONAL

DESIGNED	PP	REVISED	5/29/2014
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

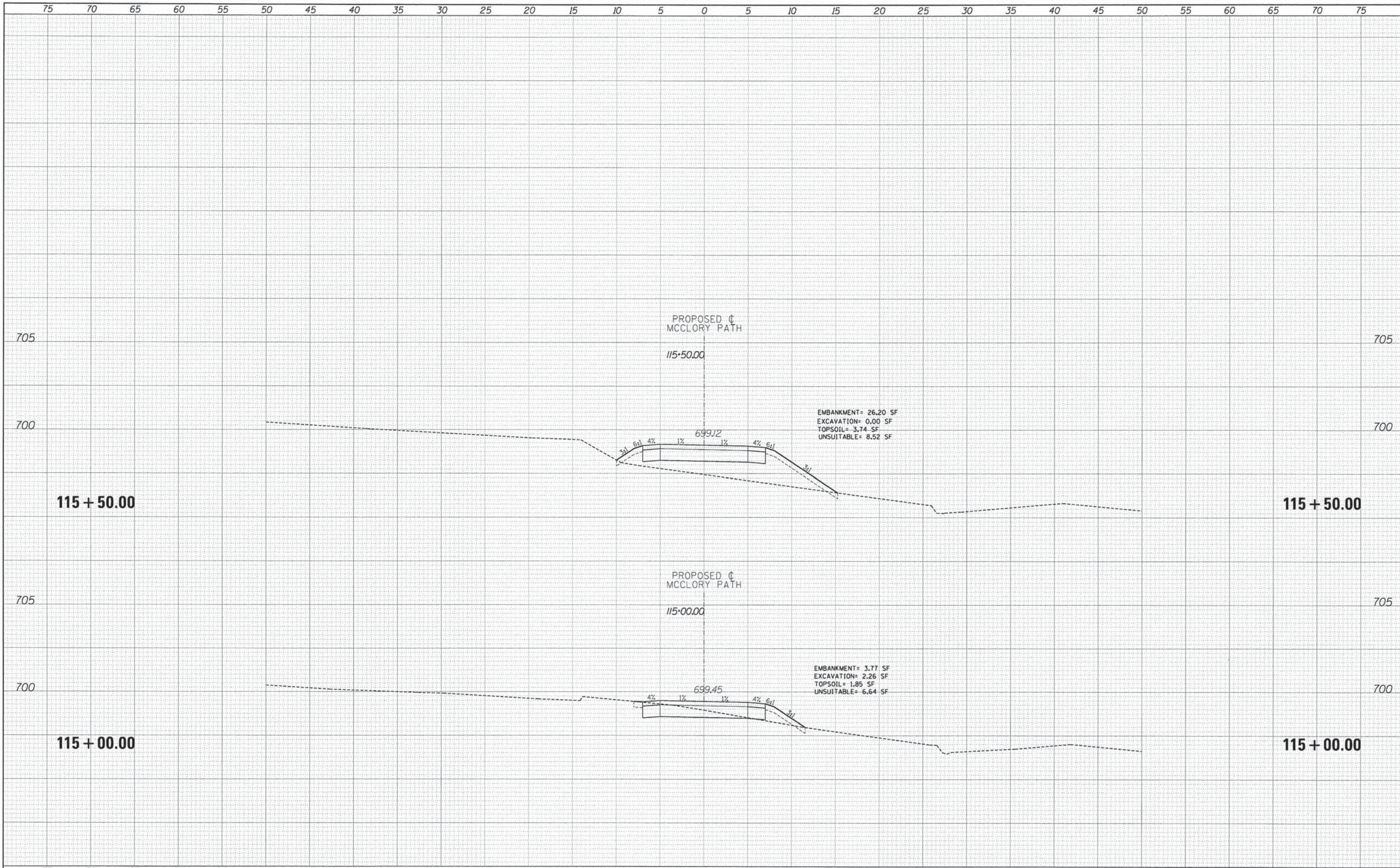
SCALE: 1" = 10' H
SHEET 11 OF 22 SHEETS
STA. 113+50.00 TO STA. 114+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	52
CONTRACT NO. 61A61				
ILLINOIS FED. AID PROJECT				

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TYLIN INTERNATIONAL

DESIGNED -	PP	REVISED -	5/29/2014
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

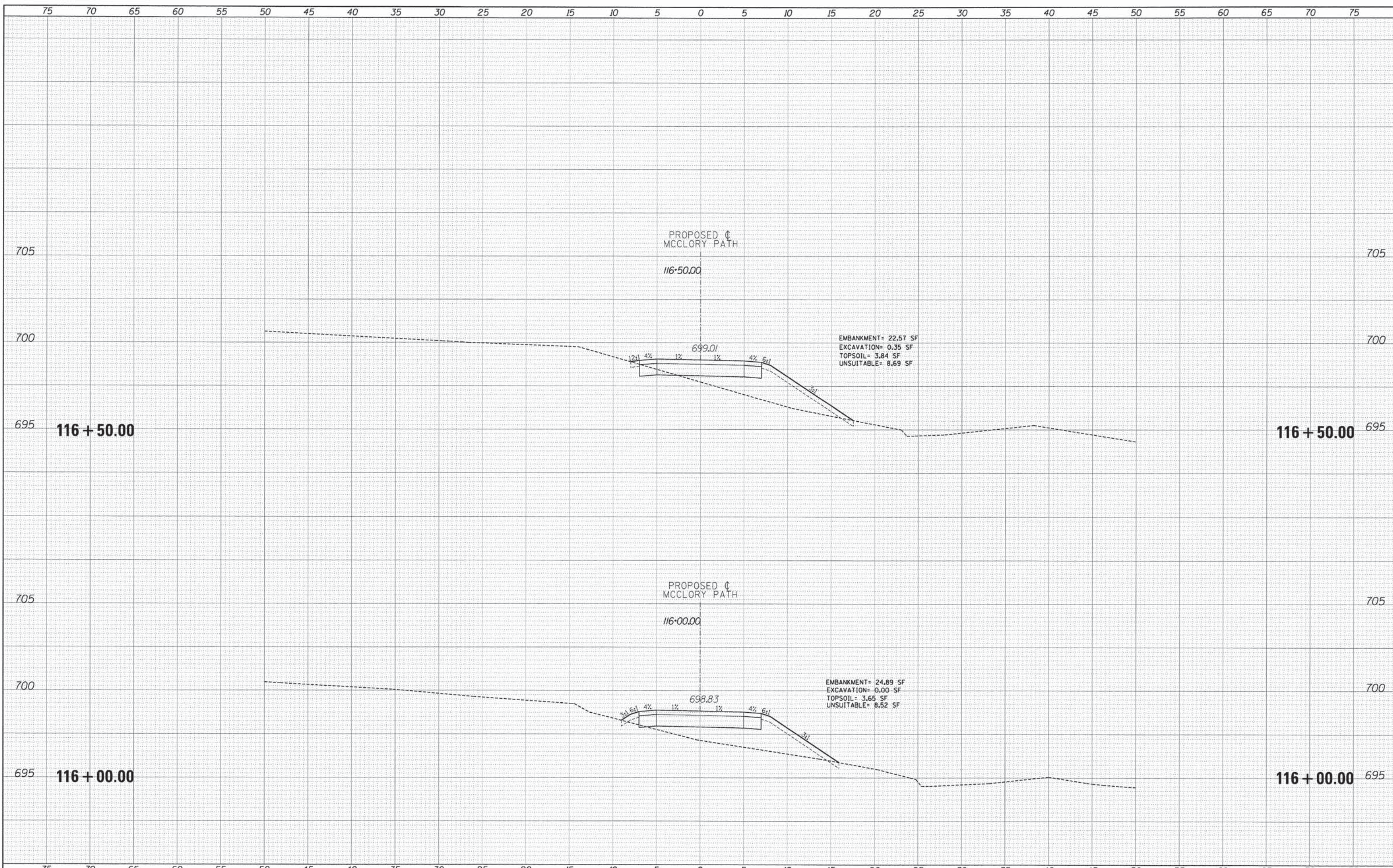
SCALE: 1" = 10' H
SHEET 12 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	53
CONTRACT NO. 61A61				
ILLINOIS FED. AID PROJECT				

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TYLIN INTERNATIONAL

DESIGNED - PP	REVISED - 5/29/2014
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

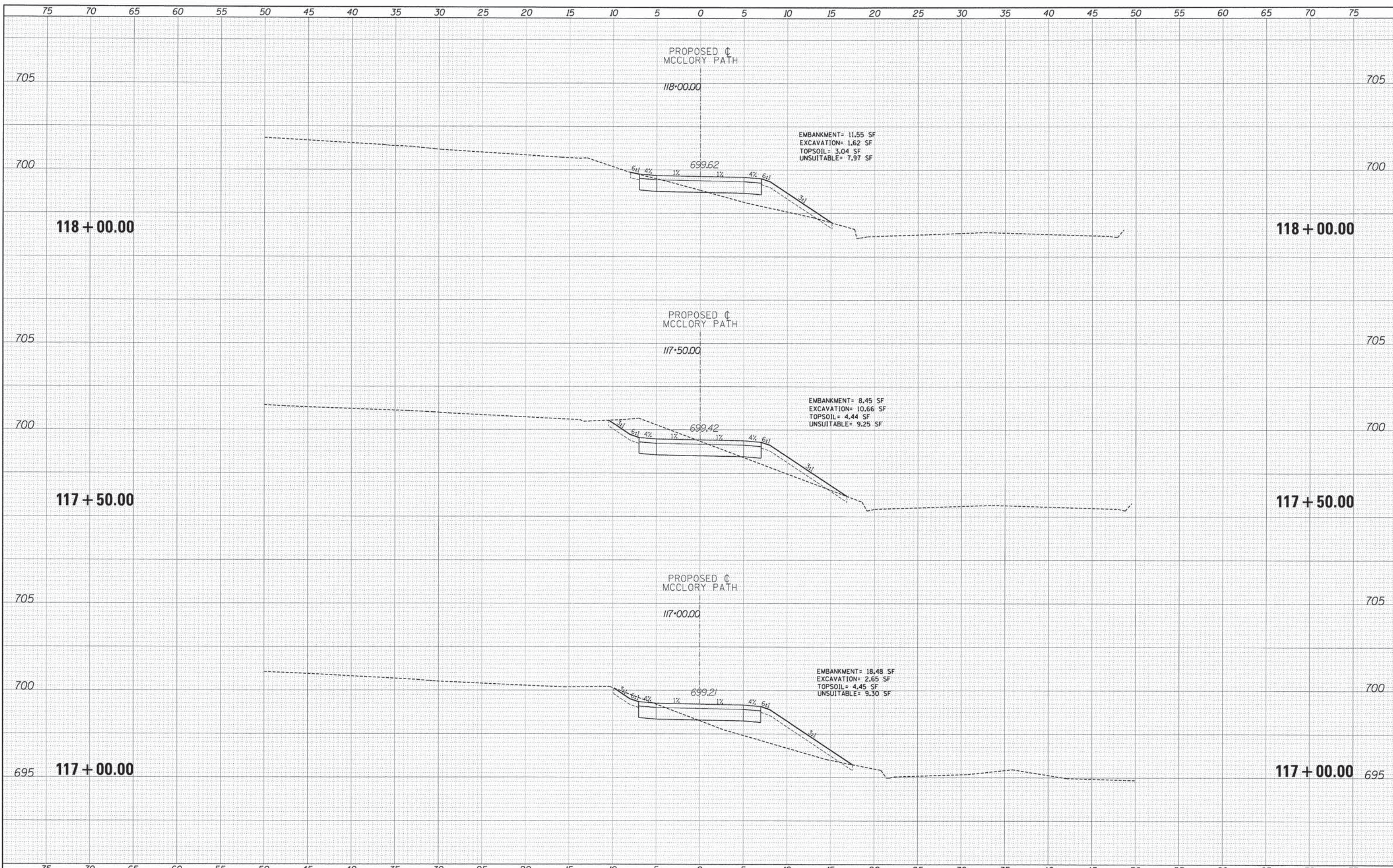
**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	54
CONTRACT NO. 61A61				

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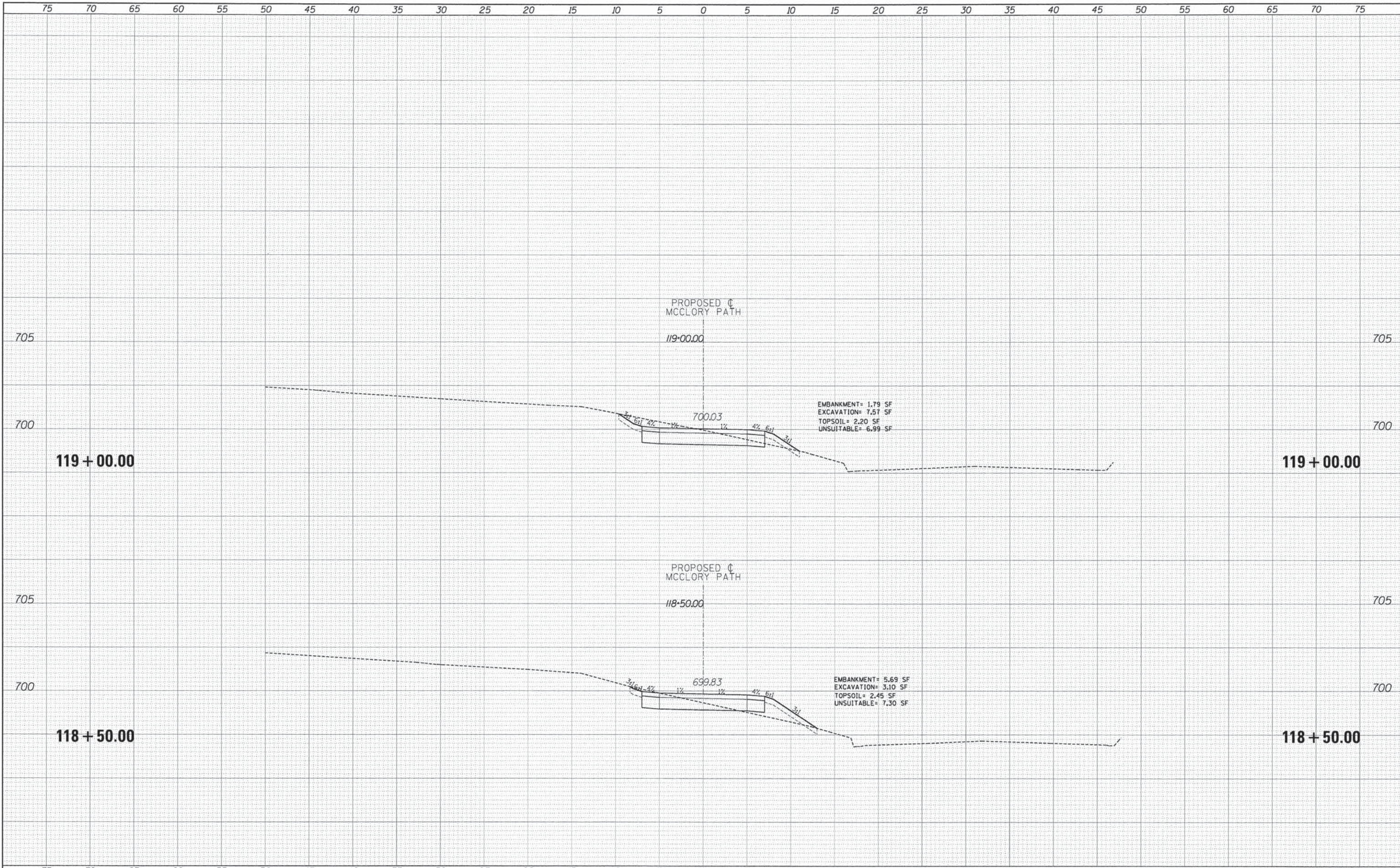


TYLINTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		PROPOSED CROSS SECTIONS			12-00093-00-BT	LAKE	63	55
	CHECKED - DBD	REVISED -		SCALE: 1" = 10' H	SHEET 14 OF 22 SHEETS		CONTRACT NO. 61A61			
	DATE - 05/12/2014	REVISED -			STA. 117+00.00 TO STA.		ILLINOIS FED. AID PROJECT			

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TYLIN INTERNATIONAL

DESIGNED	PP	REVISED	5/29/2014
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

SCALE: $\frac{1"}{40'} = \frac{10"}{400'} = \frac{1"}{40'}$ H
 $\frac{1"}{80'} = \frac{10"}{800'} = \frac{1"}{80'}$ V

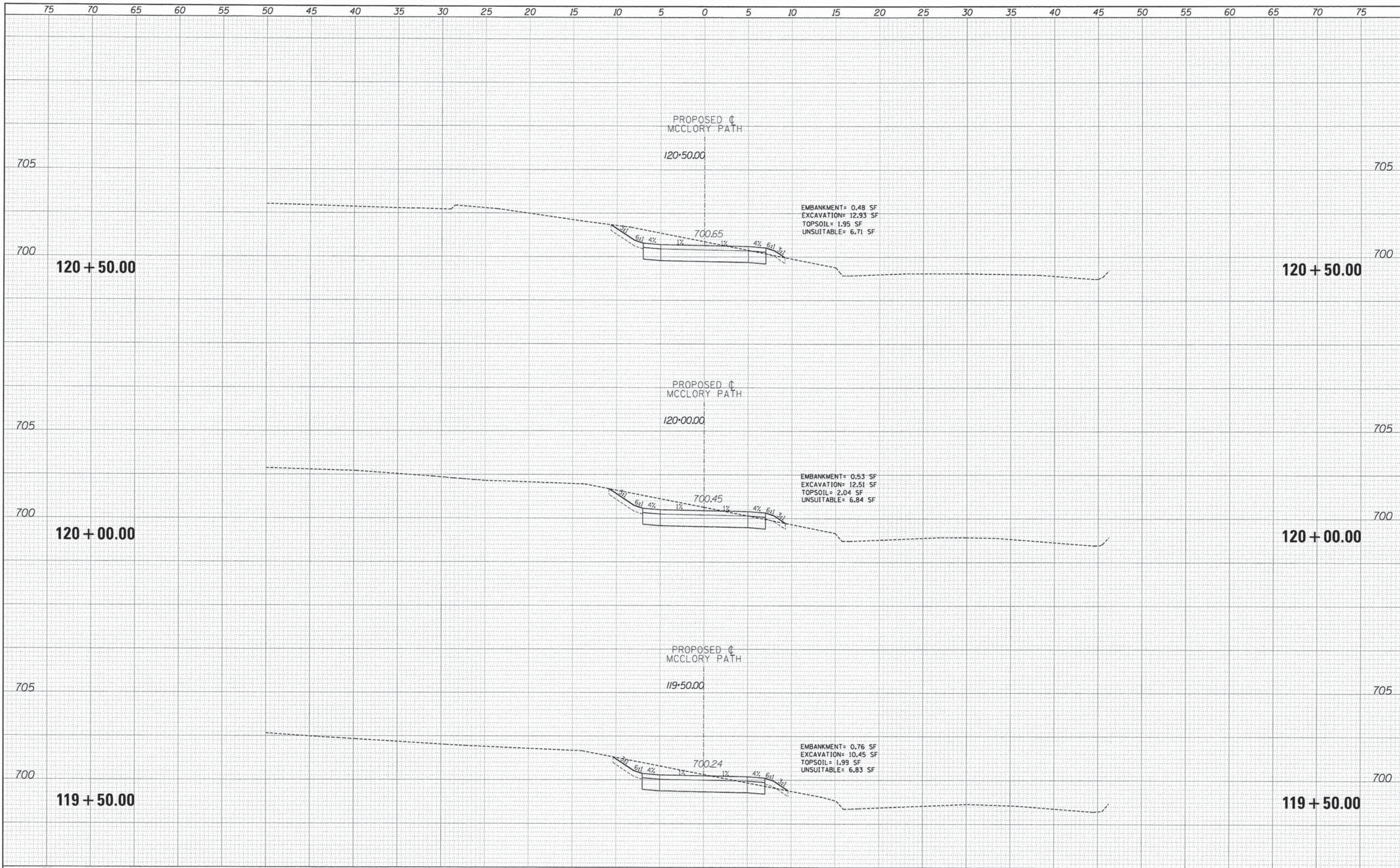
SHEET 15 OF 22 SHEETS STA. 118+50.00 TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	56
CONTRACT NO. 61A61				

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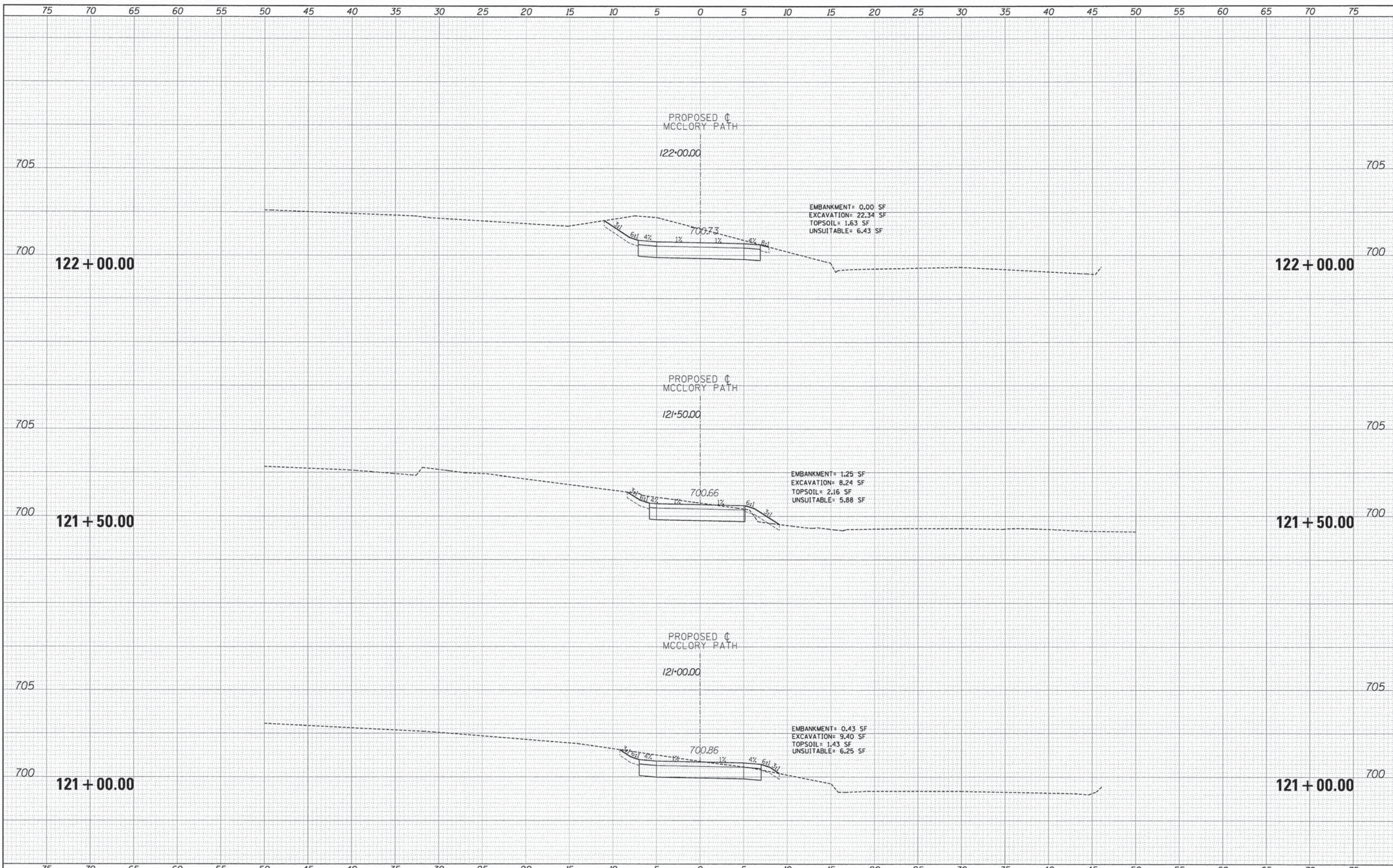


TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -			12-00093-00-BT	LAKE	63	57	
	CHECKED - DBD	REVISED -			CONTRACT NO. 61A61		[ILLINOIS] FED. AID PROJECT		
	DATE - 05/12/2014	REVISED -		SCALE: 1" = 10' H 1" = 80' V	SHEET 16	OF 22 SHEETS	STA. 119+50.00	TO STA. 120+50.00	

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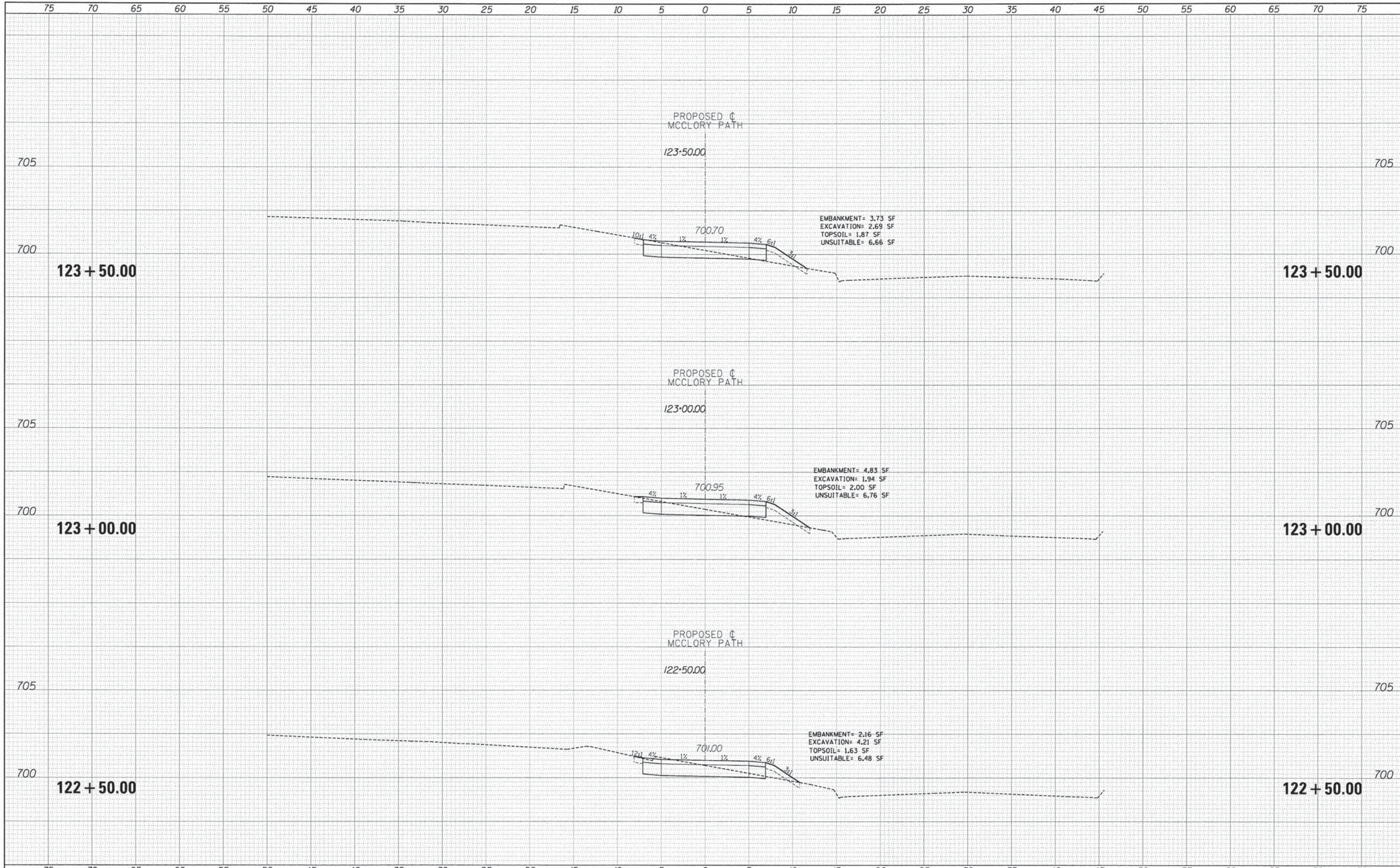


TYLIN INTERNATIONAL DESIGNED - PP DRAWN - PP CHECKED - DBD DATE - 05/12/2014	REVISIONS REVISION 1 - 5/29/2014 REVISION 2 - REVISION 3 - REVISION 4 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED CROSS SECTIONS		F.A.I. RTE.	SECTION 12-00093-00-BT	COUNTY LAKE	TOTAL SHEETS 63	SHEET NO. 58
		PLOT DATE 6/3/2014	DATE 05/12/2014	SCALE: 1" = 10' V 1" = 10' H	SHEET 17 OF 22 SHEETS	STA. TO STA. 122+00.00	CONTRACT NO. 61A61		[ILLINOIS] FED. AID PROJECT	

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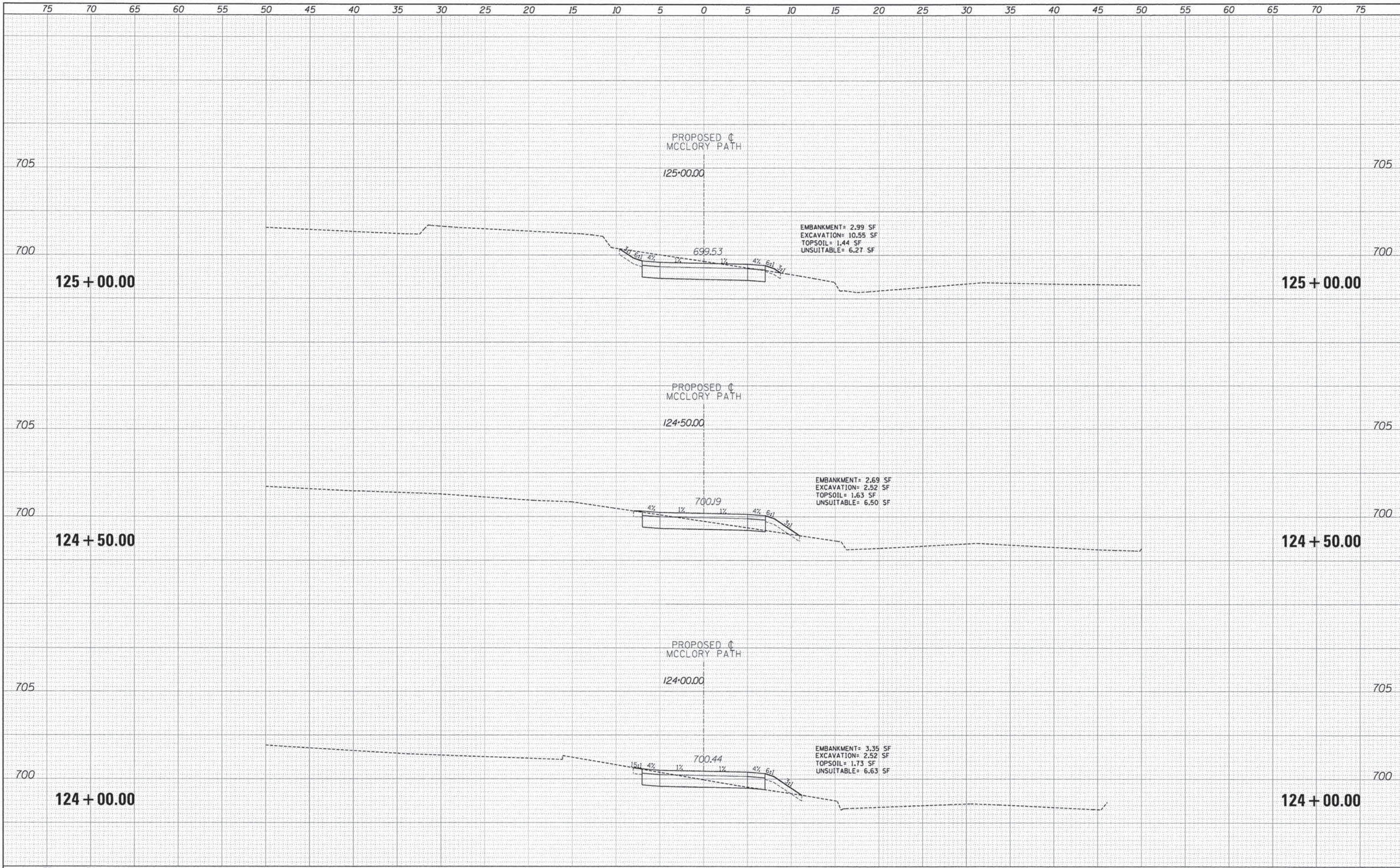


TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH PROPOSED CROSS SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		SCALE: 1" = 10' H 1" = 5' V	SHEET 18 OF 22 SHEETS	STA. TO STA. 123+50.00	12-00093-00-BT	LAKE	63	59
PLLOT DATE = 5/3/2014	CHECKED - DBD	REVISED -				CONTRACT NO. 61A61		ILLINOIS FED. AID PROJECT		
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TYLIN INTERNATIONAL

DESIGNED - PP	REVISED - 5/29/2014
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

SCALE: 1" = 10' H
1" = 5' V

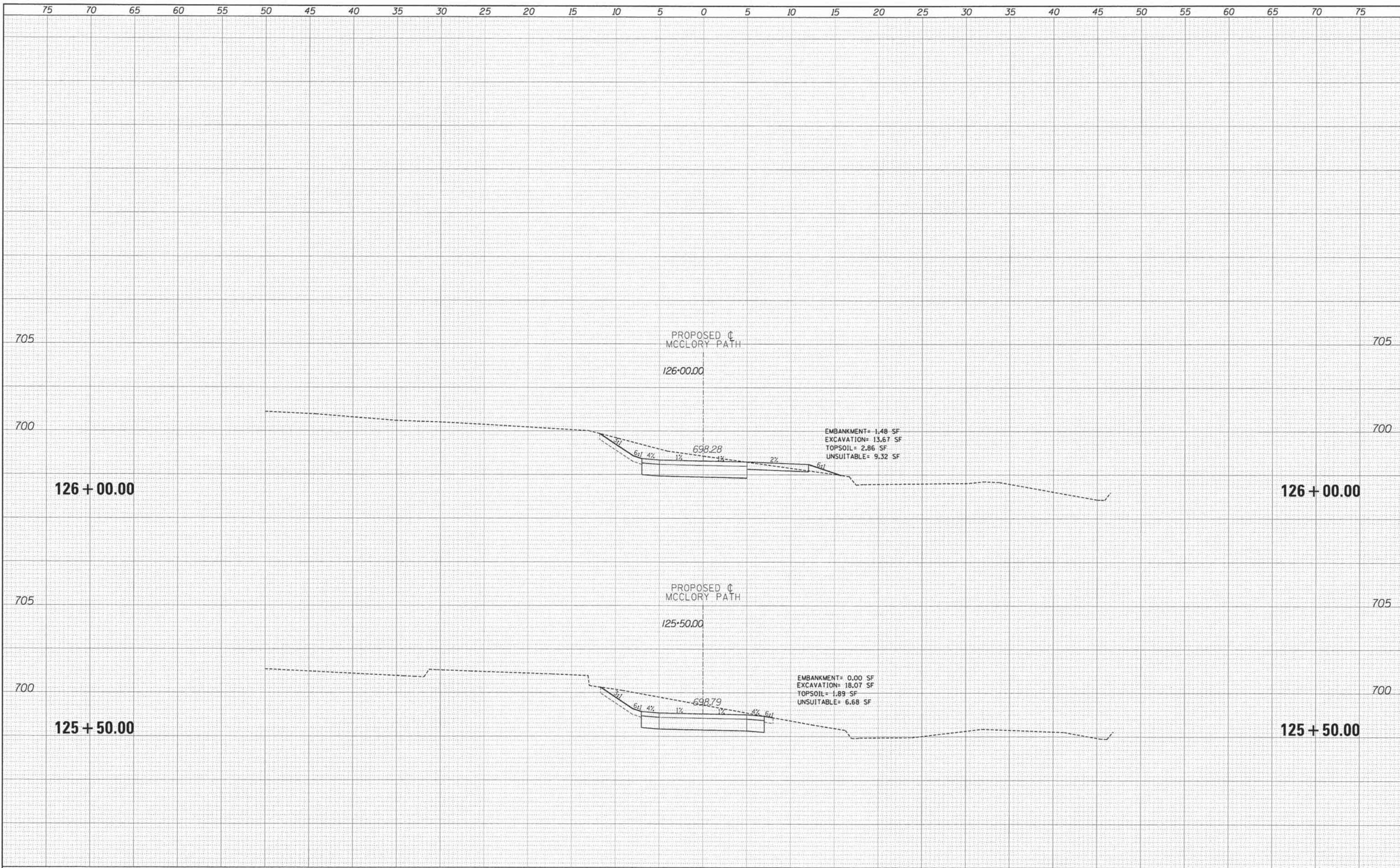
SHEET 19 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	60
CONTRACT NO. 61A61			ILLINOIS FED. AID PROJECT	

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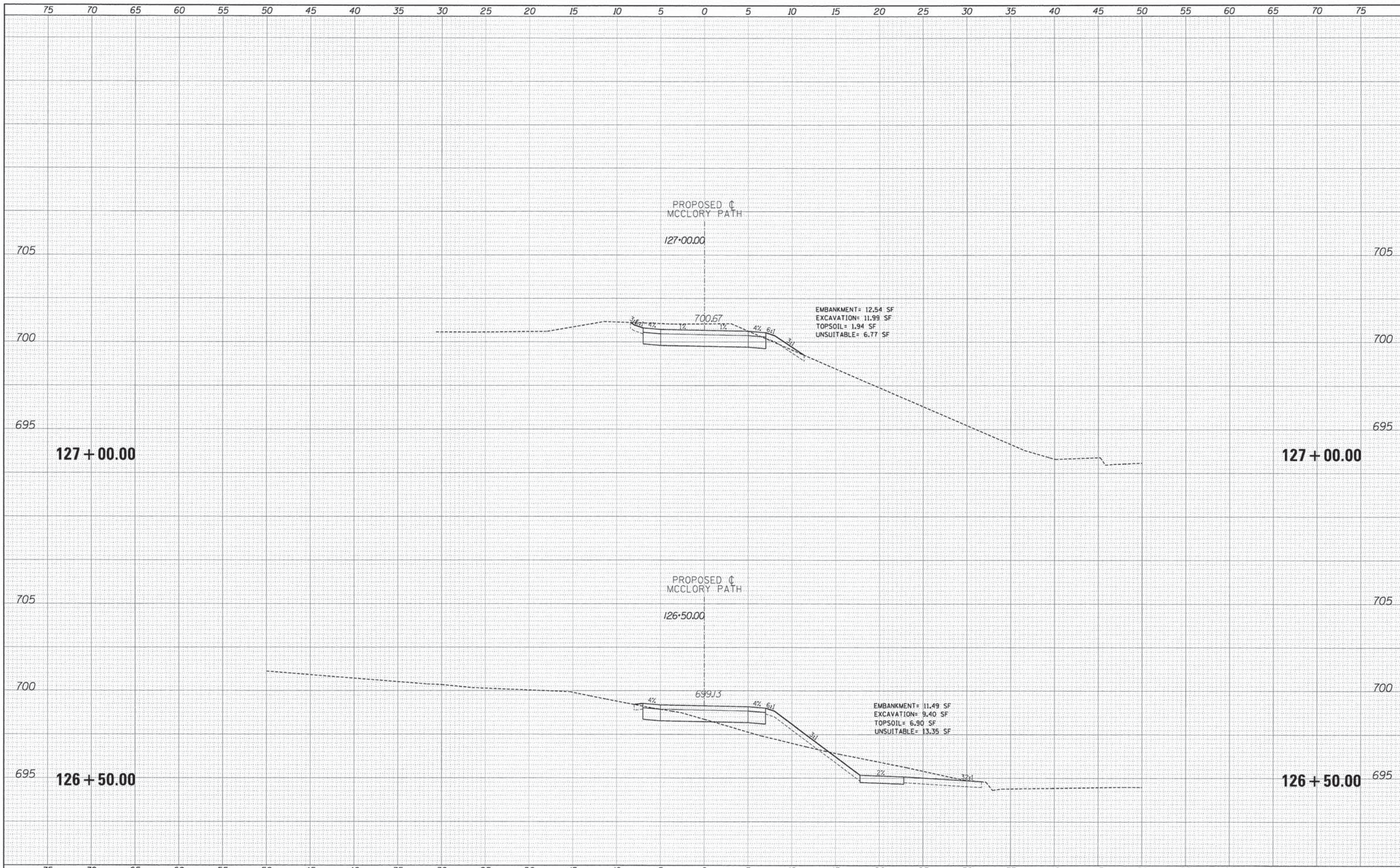


TYLIN INTERNATIONAL	DESIGNED - PP	REVISED - 5/29/2014	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF LAKE FOREST MCCLORY BIKE PATH		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - PP	REVISED -		PROPOSED CROSS SECTIONS		12-00093-00-BT	LAKE	63	61	
	CHECKED - DBD	REVISED -		SCALE: 1" = 10' H	SHEET 20 OF 22 SHEETS	CONTRACT NO. 61A61		ILLINOIS FED. AID PROJECT		
	DATE - 05/12/2014	REVISED -		STA. TO STA.						

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TYLIN INTERNATIONAL

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

SCALE: 1" = 10' H
1" = 5' V

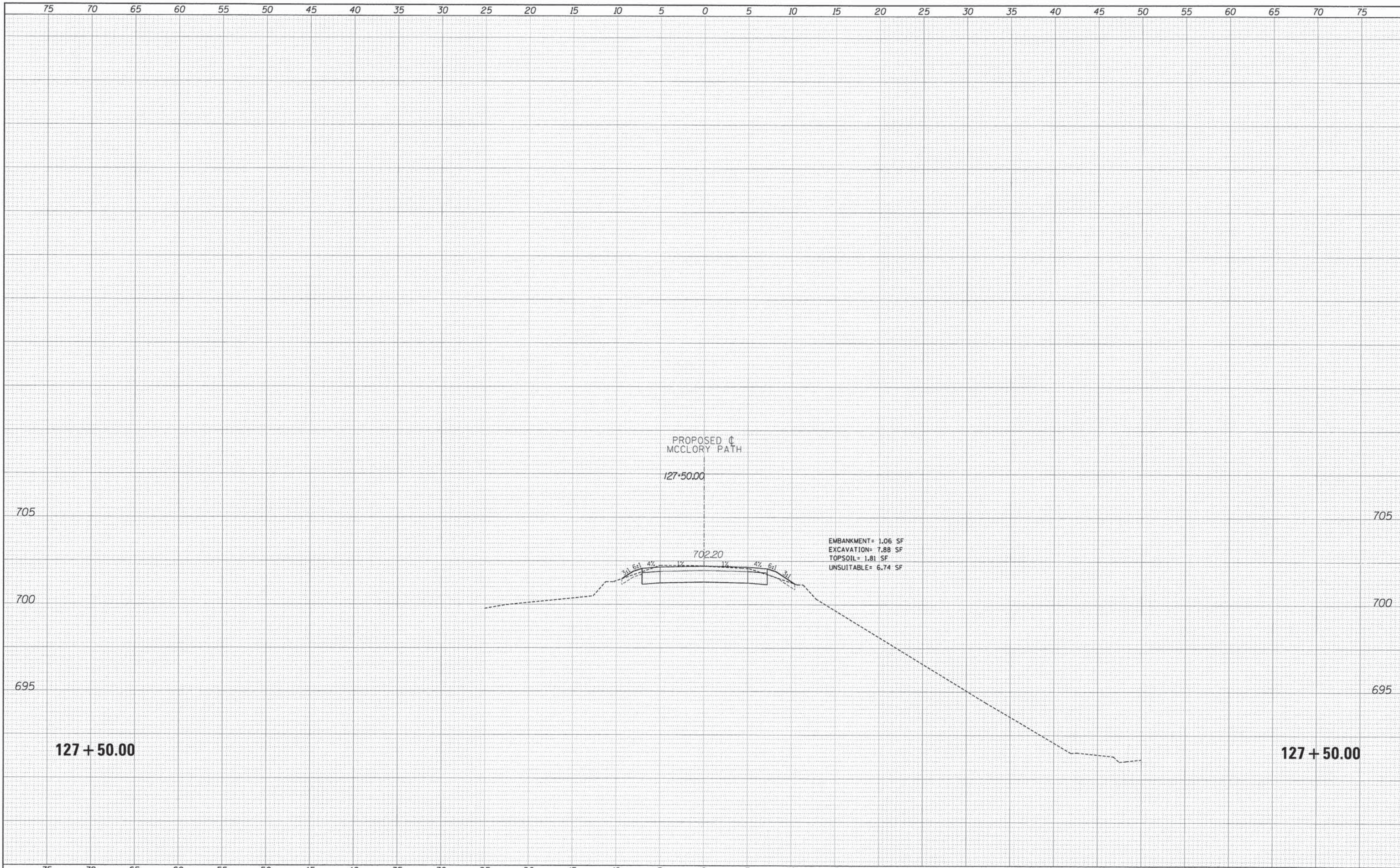
SHEET 21 OF 22 SHEETS STA. TO STA. 127+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	62
CONTRACT NO. 61A61			ILLINOIS FED. AID PROJECT	

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DATE	
BY	
FINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	



TYLIN INTERNATIONAL

DESIGNED	-	PP	REVISED	-	5/29/2014
DRAWN	-	PP	REVISED	-	
CHECKED	-	DBD	REVISED	-	
DATE	-	05/12/2014	REVISED	-	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF LAKE FOREST MCCLORY BIKE PATH
PROPOSED CROSS SECTIONS**

SCALE: $\frac{1"}{40'} = \frac{10"}{400'} = \frac{1"}{40'} H$
 $\frac{1"}{80'} = \frac{10"}{800'} = \frac{1"}{80'} V$

SHEET 22 OF 22 SHEETS STA. 127+50.00 TO STA. 127+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00093-00-BT	LAKE	63	63
CONTRACT NO. 61A61				
ILLINOIS FED. AID PROJECT				

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