

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF LAKEWOOD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. 0118 (HUNTLEY ROAD)
CHICAGO AVENUE TO LAKE AVENUE
BICYCLE TRAIL IMPROVEMENTS
SECTION NO.: 10-00011-00-BT
PROJECT NO.: CMM-9003 (628)
JOB NO.: C-91-497-10
VILLAGE OF LAKEWOOD
McHENRY COUNTY

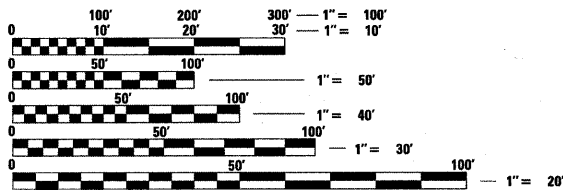
LOCATION MAP
(NOT TO SCALE)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	McHENRY	35	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
1	C-91-497-10	CMM-9003 (628)		

CONTRACT NO. 63545

TRAFFIC DATA

HUNTLEY ROAD
CURRENT ADT = 6,830 (2008)
DESIGN ADT = 9,000 (2030)
SPEED LIMIT = 30 MPH
URBAN COLLECTOR



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.

BAXTER & WOODMAN, INC
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2011

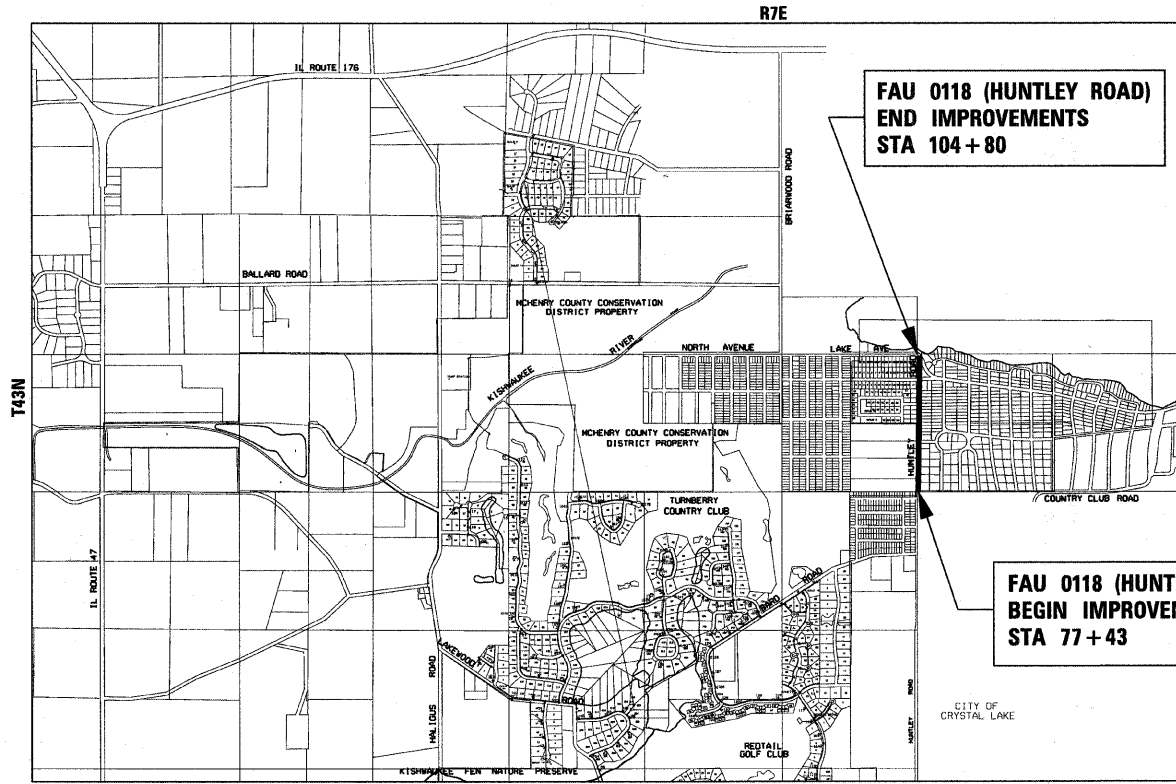
J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A0400237



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:

COUNTY = McHENRY
CITY-TWNSHP. = LAKEWOOD-GRAFTON
SEC. & 1/4 SEC. NO. SE & SW 1/4 SEC. 1, T43N, R7E
48 HOURS (2 working days)
BEFORE YOU DIG

CONTRACT NO. 63545



GRAFTON TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 2,737 LF OR 0.518 MILES
NET LENGTH OF IMPROVEMENT = 2,737 LF OR 0.518 MILES

3RD P.M.



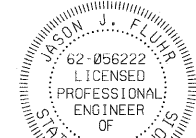
LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *Paul K. [Signature]*
12-15-10
VILLAGE OF LAKEWOOD, PUBLIC WORKS DIRECTOR

PASSED *[Signature]* JANUARY 5, 2011
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW JANUARY 6, 2011
Diana M. O'Keefe
DEPUTY DIRECTOR OF
HIGHWAYS, REGION 1 ENGINEER



[Signature]
PROJECT MANAGER
LICENSE EXPIRES 11-30-11

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 LICENSE NO. - 184-001121 - EXPIRES 4/30/2011
 PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406

GENERAL NOTES

CITY OF CRYSTAL LAKE WATER SYSTEM GENERAL NOTES

1. THE CITY OF CRYSTAL LAKE ENGINEERING MUST BE CONTACTED AT LEAST 48 HOURS PRIOR TO COMPLETING ANY WORK ON ANY WATER SYSTEM COMPONENTS, INCLUDING, BUT LIMITED TO, VALVE VAULTS, WATER MAIN PIPE, WATER SERVICES, AND FIRE HYDRANTS.
2. ONLY CITY OF CRYSTAL LAKE EMPLOYEES SHALL OPERATE ANY WATER DISTRIBUTION APPURTENANCES (I.E. WATER VALVES, HYDRANTS, ETC.).
3. WATER MAIN AND SEWER SEPARATION REQUIREMENTS MUST MEET THE VERTICAL AND HORIZONTAL SEPARATION REQUIREMENTS IN THE "STANDARD SPECIFICATIONS FOR WATER MAIN AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.
4. THRUST BLOCKING SHALL BE INSTALLED ON WATER MAINS AT ALL BENDS, TEES, ELBOWS, ETC. EXCEPT AS NOTED BELOW.
5. THRUST BLOCKS NOT PERMITTED WITH 45° VERTICAL BENDS IN WATER MAIN. THESE SHALL BE RESTRAINED WITH MEGA-LUG OR APPROVED EQUIVALENT.
6. WATER MAIN SHALL BE DUCTILE IRON PIPE, CLASS 52 CONFORMING TO ANSI A-21.51 OR AWWA C-151.
7. GASKETS AND CAST IRON FITTINGS SHALL CONFORM TO ANSI A-21.11 OR AWWA C-110 AND C-111. WATER MAIN SHALL BE CEMENT LINED IN CONFORMANCE WITH ANSI A-21.4 OR AWWA C-104.
8. VALVE VAULT FRAME AND ADJUSTMENT RINGS SHALL BE SET IN A MORTAR BED OR SEALED WITH A PREFORMED BITUMEN SEAL (E-Z-STICK OR APPROVED EQUAL). ADJUSTMENT RING HEIGHT NOT TO EXCEED 8 INCHES WITH A MAXIMUM OF THREE (3) ADJUSTMENT RINGS.
9. SEE FIRE HYDRANT DETAIL FOR REQUIREMENTS RELATED TO RELOCATION AND ADJUSTMENTS. ALL WATER MAIN PIPE FOR FIRE HYDRANTS MOVED OR ADJUSTED SHALL BE SUBJECTED TO A PRESSURE AND LEAKAGE TEST IN ACCORDANCE WITH THE CITY OF CRYSTAL LAKE REQUIREMENTS. THIS WORK IS INCLUDED IN FIRE HYDRANT TO BE MOVED OR FIRE HYDRANT TO BE ADJUSTED.
10. FLUSH AND SWAB ALL PIPING, VALVES, AND FITTINGS USED FOR FIRE HYDRANT RELOCATION OR VERTICAL ADJUSTMENT WITH A 5 PERCENT SOLUTION OF CALCIUM HYPOCHLORITE PRIOR TO ASSEMBLY. FLUSH THE HYDRANT THOROUGHLY AFTER ASSEMBLY. WATER SAMPLES SHALL BE TAKEN ON TWO SUCCESSIVE DAYS AND TESTED FOR BACTERIA IN ACCORDANCE WITH THE IEPA REQUIREMENTS. THIS WORK IS INCLUDED IN FIRE HYDRANT TO BE MOVED OR FIRE HYDRANT TO BE ADJUSTED.
11. SEVERAL DOMESTIC WATER SERVICE BOXES MAY NOT BE SHOWN ON THE PLANS BECAUSE THEY MAY BE BURIED OR OUTSIDE THE SURVEY LIMITS. 6 FOOT OF COVER MUST BE MAINTAINED OVER ALL WATER SERVICES. IF IT IS DETERMINED THAT A WATER SERVICE WILL HAVE LESS THAN 6' OF COVER AFTER PROPOSED DITCHLINES ARE COMPLETED, THE SERVICE LINE SHALL BE LOWERED IN ACCORDANCE WITH CRYSTAL LAKE STANDARDS AND PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. EXISTING SANITARY SEWER AND WATER MAIN IN THE PROJECT LIMITS ARE OWNED BY THE CITY OF CRYSTAL LAKE AND NOT LAKEWOOD. ALL ADJUSTMENTS, RELOCATIONS, ETC. OF THESE FACILITIES SHALL BE COORDINATED WITH THE CITY OF CRYSTAL LAKE PUBLIC WORKS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.
5. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
6. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. FIRE HYDRANTS ON SITE ARE OWNED BY THE CITY OF CRYSTAL LAKE AND USE OF THESE HYDRANTS MUST BE COORDINATED WITH THE CITY OF CRYSTAL LAKE PUBLIC WORKS. THE CONTRACTOR MUST OBTAIN A WATER METER AND RPZ FROM THE CITY AND PAY ALL APPLICABLE DEPOSITS AND FEES FOR WATER USE. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF CITY WATER IF DEEMED NECESSARY.
7. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS AGGREGATE FOR TEMPORARY ACCESS.
8. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
9. EXISTING PAVEMENT AND DRIVEWAY PAVEMENT TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
10. RESERVED
11. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.

12. ALL POSTS, RAILROAD TIES, DECORATIVE TIMBER AND OTHER LANDSCAPING BORDERS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
13. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE PAID FOR AS EXPLORATION TRENCH, SPECIAL.
14. CONNECTION OF PROPOSED STORM SEWER INTO EXISTING STORM SEWER OR EXISTING STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF STORM SEWERS.
15. RESERVED
16. STORM STRUCTURE OFFSET LOCATIONS ARE TO THE CENTER OF STRUCTURE.
17. IN ALL TRENCHES CROSSING DRIVEWAYS AND ALL PROPOSED AND EXISTING ROADWAYS AND SHOULDERS, THE MATERIAL FOR THE TOP 12 INCHES SHALL BE CA-6 CRUSHED GRAVEL OR CRUSHED STONE AND BE INCLUDED IN THE PAY ITEM FOR TRENCH BACKFILL. THE BACKFILL SHALL EXTEND TO AND BE MEASURED FOR PAYMENT TO THE EXISTING GROUND OR SURFACE ELEVATION.
18. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE STRUCTURE.
19. ALL OPEN TRENCHES SHALL BE FILLED AT THE END OF EACH DAY.
20. SAW CUTS MADE IN THE EXISTING PAVEMENT TO REMAIN FOR CONSTRUCTING UTILITIES SHALL BE INCLUDED IN CLASS D PATCHES.
21. FULL-DEPTH SAW CUTS SHALL BE MADE ALONG THE EXISTING EDGE OF PAVEMENT AT THE APPROPRIATE DISTANCE FROM CENTERLINE, AS DETERMINED BY THE ENGINEER, TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE EXISTING AND PROPOSED PAVEMENTS AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
22. "SPECIAL FRAME AND LID" OR "SPECIAL FRAME, OPEN LID" SHALL BE HEAVY DUTY (4") NEENAH R-2595-A, OR APPROVED EQUAL.
23. THE CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING, INCLUDING PLANTS, SHRUBS, TREES, FENCES, ETC. THAT ARE NOT DIRECTLY IMPACTED BY PAVEMENT STORM SEWER OR DITCH CONSTRUCTION.
24. ALL WATER MAIN AND SANITARY SEWER ON SITE IS OWNED AND OPERATED BY THE CITY OF CRYSTAL LAKE. SEE CITY OF CRYSTAL LAKE WATER SYSTEM GENERAL NOTES.

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 25344 1/1/2010



DESIGNED - DSH	REVISED - 12/16/10 PER IDOT
DRAWN - MAC	REVISED - 01/04/11 PER C.L.
CHECKED - JJF	REVISED -
DATE - 12/16/10	FILE - ph2-091263-gen-notes.sht

**VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL**

GENERAL NOTES

SCALE: STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	3
			CONTRACT NO. 63545	
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT CMM-90036281	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				BIKEWAY 00 38
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	216	216
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	98	98
20101100	TREE TRUNK PROTECTION	EACH	26	26
20101200	TREE ROOT PRUNING	EACH	57	57
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	35	35
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20
20200100	EARTH EXCAVATION	CU YD	629	629
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,211	1,211
20800150	TRENCH BACKFILL	CU YD	236	236
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7,281	7,281
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	91	91
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	91	91
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	91	91
* 25200100	SODDING	SQ YD	7,281	7,281
* 25200200	SUPPLEMENTAL WATERING	UNIT	55	55
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	151	151
28000305	TEMPORARY DITCH CHECKS	FOOT	72	72
28000400	PERIMETER EROSION BARRIER	FOOT	2,340	2,340
28000500	INLET AND PIPE PROTECTION	EACH	8	8
28000510	INLET FILTERS	EACH	31	31
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,333	2,333
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	27	27
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	672	672
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	153	153
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	234	234
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	24	24
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	235	235
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	27	27
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	672	672
44002208	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2"	SQ YD	197	197
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	52	52
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	123	123
48203022	HOT-MIX ASPHALT SHOULDERS, 6 1/4"	SQ YD	2,333	2,333
48301000	PROTECTIVE COAT	SQ YD	27	27
50105220	PIPE CULVERT REMOVAL	FOOT	199	199
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	137	137
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	59	59
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3	3
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1

* INDICATES SPECIALTY ITEM

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE
				BIKEWAY 00 38
54213867	STEEL END SECTIONS 12"	EACH	5	5
54213870	STEEL END SECTIONS 15"	EACH	2	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	276	276
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	152	152
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	11	11
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	723	723
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	55	55
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	5	5
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5	5
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	9	9
X6029510	CATCH BASINS, TYPE C, WITH SPECIAL FRAME AND LID	EACH	1	1
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	12	12
X6023500	INLETS, TYPE A, WITH SPECIAL FRAME, OPEN LID	EACH	3	3
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	5
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
72000100	SIGN PANEL - TYPE 1	SQ FT	49	49
73000100	WOOD SIGN SUPPORT	FOOT	132	132
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	68	68
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,113	5,113
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	57	57
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	19	19
78300100	PAVEMENT MARKING REMOVAL	SQ FT	6	6
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	672	672
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	2	2
Z0019500	DRYWELL	EACH	5	5
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH TREE, ACER PLATANOIDES EMERALD QUEEN, (EMERALD QUEEN NORWAY MAPLE), 3" CALIPER, BALLED AND BURLAPPED	FOOT	564	564
* A2000924	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
* A2001224	TREE, MALUS RED JEWEL (RED JEWEL CRABAPPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5
* B2004520	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2	2
* B2005524	TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5
* B2013468	TREE, MALUS GOLDEN RAINDROPS (GOLDEN RAINDROPS CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3
X0322935	PIPE CULVERTS TO BE CLEANED	EACH	1	1
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100

* INDICATES SPECIALTY ITEM

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 7/7/2010



DESIGNED - DSH	REVISED - 12/16/10 PER IDOT
DRAWN - MAC	REVISED - 01/04/11 PER C.L.
CHECKED - JJF	REVISED -
DATE - 12/16/10	FILE - ph2-091263-soq1.sht

**VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL**

SUMMARY OF QUANTITIES

SCALE: STA. TO STA.

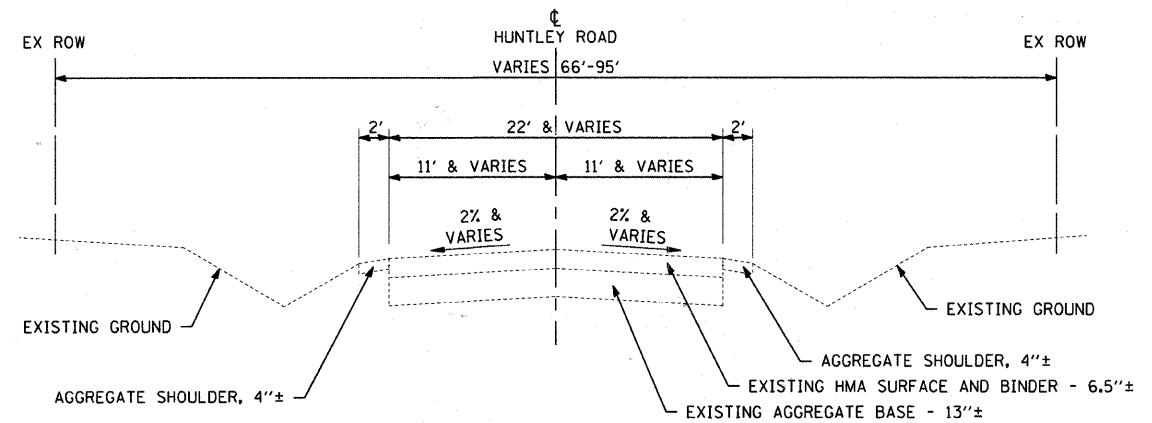
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	4
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT CMM-90036281	
			CONTRACT NO. 63545	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:

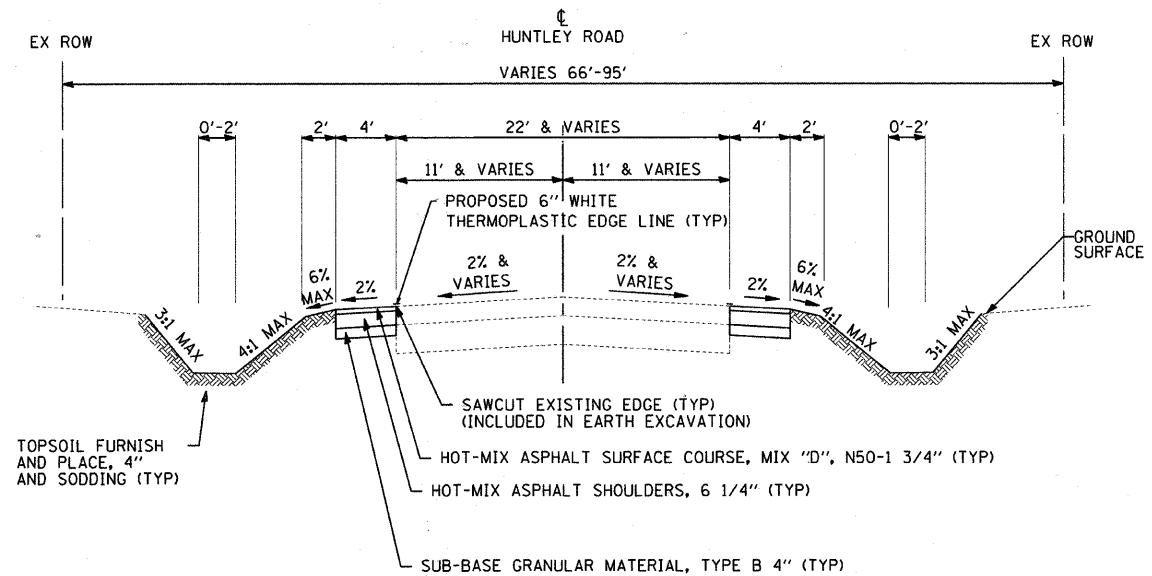
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT

MIXTURE TYPE	AIR VOIDS @ Ndes
SHOULDER WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm)	4% @ 50 GYR
HOT-MIX ASPHALT SHOULDER, 6 1/4" (HMA BINDER IL-19 mm) (2 LIFTS)	2% @ 30 GYR
DRIVEWAYS	
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (HMA SURFACE, MIX "C" N50, 9.5mm) (2 LIFTS)	4% @ 50 GYR
PATCHING	
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA SURFACE, MIX "D", N50, IL-9.5 mm)	4% @ 50 GYR
CLASS D PATCHES (HMA BINDER IL-19.0 mm)	4% @ 70 GYR

- NOTES: 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



**EXISTING TYPICAL SECTION
 HUNTLEY ROAD
 STA 77+43 TO STA 104+80**



**PROPOSED TYPICAL SECTION
 HUNTLEY ROAD
 STA 77+43 TO STA 104+80**

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 I:\projects\lake\ph2\091263-huntley rd b\add-survey-arrows\gps\phase 2\ph2-091263-tysec.sht



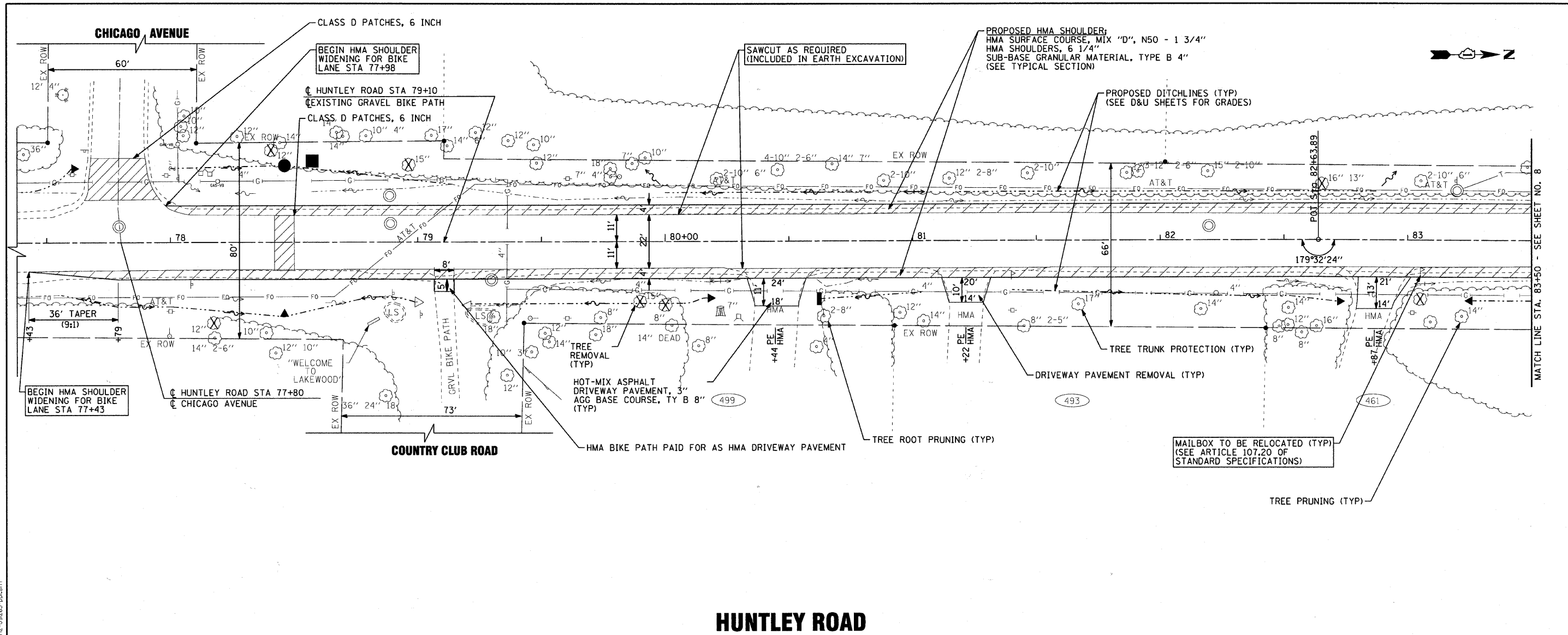
DESIGNED - DSH	REVISED - 12/16/10 PER IDOT
DRAWN - MAC	REVISED -
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DATE - 12/16/10	FILE - ph2-091263-tysec.sht

**VILLAGE OF LAKEWOOD, ILLINOIS
 HUNTLEY ROAD
 BICYCLE TRAIL**

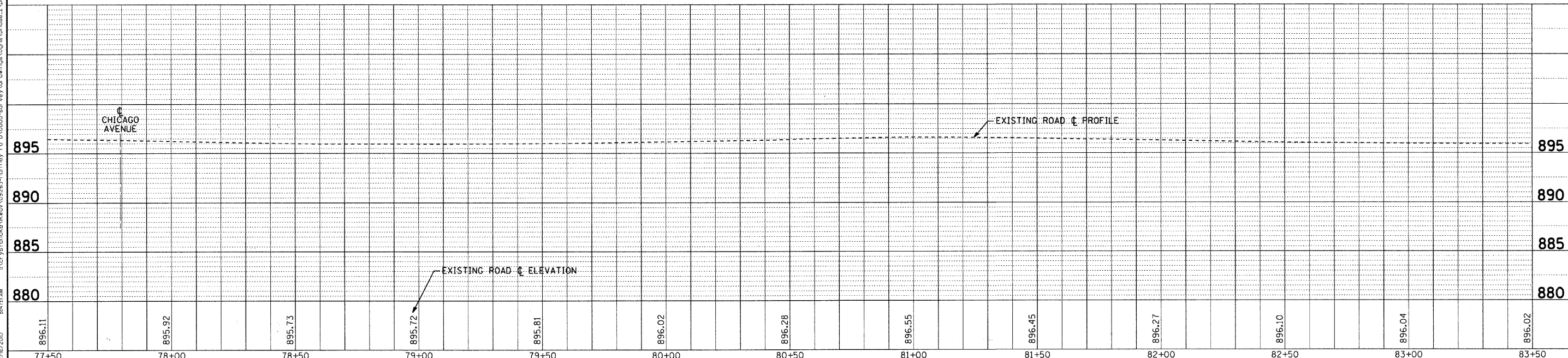
TYPICAL SECTIONS

SCALE: STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	5
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63545	
FED. AID PROJECT			CMM-9003(628)	



HUNTLEY ROAD



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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 018-00111-00-BT
 EXP. DATE 12/31/2010
 PROJECT NO. 10-00011-00-BT
 SHEET NO. 7
 CONTRACT NO. 63545
 CDM-900316281



DESIGNED - DSH	REVISED - 12/16/10 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - JJF	REVISED -
DATE - 12/16/10	FILE - ph2-091263-pp1.shp

**VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL**

PLAN AND PROFILE HUNTLEY ROAD	
SCALE: H: 1"=20' V: 1"=5'	STA. 77+50 TO STA. 83+50

F.A.I. RTE. 0118	SECTION 10-00011-00-BT	COUNTY MCHENRY	TOTAL SHEETS 35	SHEET NO. 7
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CDM-900316281		CONTRACT NO. 63545

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. SEDIMENTATION AND EROSION CONTROL STANDARDS

THE FOLLOWING STANDARDS MUST BE SATISFIED:

- A. ALL AREAS LOCATED DOWNSTREAM FROM DISTURBED AREAS OF A DEVELOPMENT SITE SHALL BE PROTECTED FROM POTENTIAL INCREASE OF EROSION AND SEDIMENTATION RESULTING FROM UPSTREAM ACTIVITIES.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO OR CONCURRENTLY WITH THE START OF DISTURBANCE.
- C. PERMANENT STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED; BUT IN NO CASE SHALL THESE MEASURES BE INSTALLED MORE THAN 14 DAYS AFTER THE CONSTRUCTION IN THE AREA TEMPORARILY OR PERMANENTLY CEASES.

2. SEDIMENTATION AND EROSION CONTROL METHODS

THE FOLLOWING SEDIMENTATION AND EROSION CONTROL METHODS MUST BE INSTALLED AND MAINTAINED:

- A. ALL STORM SEWER STRUCTURES THAT RECEIVE RUNOFF DURING CONSTRUCTION SHALL INCLUDE INLET PROTECTION TO PREVENT DEBRIS AND EXCESSIVE SEDIMENT FROM ENTERING THE STORM SEWER PIPING SYSTEM. THESE PROTECTIVE MEASURES SHALL BE PROPERLY INSTALLED, MAINTAINED, AND REMOVED IN THEIR ENTIRETY AFTER THE AREA TRIBUTARY TO THE STORM STRUCTURE IS STABILIZED.
- B. DISCHARGES FROM DEWATERING OPERATIONS SHALL ENTER OR BE ROUTED TO A SEDIMENT AND EROSION CONTROL SYSTEM OR DEVICE.
- C. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PROPERLY STABILIZED OR DISPOSED.
- D. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING THE CONSTRUCTION SITE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PERIODICALLY MAINTAINED TO REMOVE MUD AND DEBRIS. THE STABILIZED CONSTRUCTION ENTRANCE SHALL CONSIST OF AN APPROPRIATE GEOTEXTILE FABRIC COVERED WITH AT LEAST SIX INCHES OF CLEAN STONE THAT IS AT LEAST TWO (2) INCHES IN DIAMETER.
- E. TEMPORARY EARTHEN EMBANKMENTS, GRADE TRANSITIONS AND BERMS SHALL BE CONSTRUCTED WITH SIDE SLOPES NO STEEPER THAN 3H:1V. SIDE SLOPES BELOW NORMAL WATER LEVEL SHALL BE NO STEEPER THAN 2H:1V. MORE GRADUAL SLOPES MAY BE REQUIRED FOR SOILS THAT EASILY ERODE.

3. MAINTENANCE

ALL TEMPORARY MEASURES AND PERMANENT EROSION AND SEDIMENT CONTROL MUST BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION AS IDENTIFIED BY REQUIRED INSPECTIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- A. REPAIR, REPLACE OR MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES AFTER A SINGULAR OR CUMULATIVE RAINFALL EVENT(S) OF 0.5 INCH OR MORE OVER A TWENTY-FOUR-HOUR PERIOD.
- B. MAKE ADJUSTMENTS TO THE SEDIMENTATION AND EROSION CONTROL PLAN AND METHODS, AS NEEDED, TO ACCOMPLISH THE INTENDED PURPOSE.
- C. ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY OR AS DETERMINED BY THE VILLAGE OF LAKEWOOD OR THE ENGINEER.

4. INSPECTIONS

- A. THESE PLANS FOR UPGRADING, STRIPPING, EXCAVATING, AND FILLING WORK, BEAR THE STAMP OF APPROVAL OF THE ENFORCEMENT OFFICER. THESE PLANS SHALL BE MAINTAINED AT THE SITE DURING THE PROGRESS OF THE WORK. THE DISTRICT AND/OR ENGINEER SHALL MAKE INSPECTIONS AND MAINTAIN ON-SITE RECORDS OF SUCH INSPECTIONS AT THE INTERVALS SPECIFIED BELOW:
 - I. UPON COMPLETION OF INSTALLATION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING;
 - II. AFTER ROUGH GRADING;
 - III. AFTER FINAL GRADING; AND
 - IV. WEEKLY AND AFTER EACH RAINFALL EVENT OF 0.5 INCH OR MORE OVER A TWENTY-FOUR-HOUR PERIOD.
- B. ANY NECESSARY REPAIRS TO SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MADE AND REPORTED IN THE ON-SITE INSPECTION RECORDS. COPIES OF THE INSPECTION RECORDS SHALL BE SUBMITTED TO THE ENFORCEMENT OFFICER IN A MONTHLY INSPECTION REPORT.

5. NOTIFICATIONS

- TO FACILITATE ENFORCEMENT OFFICER COMPLIANCE INSPECTIONS THE DISTRICT AND/OR ENGINEER SHALL NOTIFY THE ENFORCEMENT OFFICER WITHIN TWO (2) WORKING DAYS OF THE COMPLETION OF THE CONSTRUCTION STAGES SPECIFIED BELOW:
- A. UPON COMPLETION OF INSTALLATION OF SEDIMENT AND RUNOFF CONTROL (CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING;
 - B. AFTER ROUGH GRADING;
 - C. AFTER FINAL STABILIZATION AND LANDSCAPING, PRIOR TO REMOVAL OF SEDIMENT CONTROLS.
- IF STRIPPING, CLEARING, GRADING AND/OR LANDSCAPING ARE TO BE DONE IN PHASES OR AREAS, THE DISTRICT AND/OR ENGINEER SHALL GIVE NOTICE AT THE COMPLETION OF EACH OF THE ABOVE WORK STAGES IN EACH PHASE OR AREA.

6. SPECIAL PRECAUTIONS

- A. IF AT ANY STAGE OF THE GRADING ON THE SITE, THE ENFORCEMENT OFFICER DETERMINES BY INSPECTION THAT THE NATURE OF THE SITE IS SUCH THAT FURTHER WORK AUTHORIZED BY AN EXISTING PERMIT IS LIKELY TO IMPERIL ANY PROPERTY, PUBLIC WAY, STREAM, LAKE, WETLAND, OR DRAINAGE STRUCTURE, THE ENFORCEMENT OFFICER MAY REQUIRE, AS A CONDITION OF ALLOWING THE WORK TO BE DONE, THAT SUCH REASONABLE SPECIAL PRECAUTIONS BE TAKEN AS ARE CONSIDERED ADVISABLE TO AVOID THE LIKELIHOOD OF SUCH PERIL. "SPECIAL PRECAUTIONS" MAY INCLUDE, BUT SHALL NOT BE LIMITED TO, A MORE LEVEL EXPOSED SLOPE, CONSTRUCTION OF ADDITIONAL DRAINAGE FACILITIES, BERMS, TERRACING, COMPACTION, OR CRIBBING, INSTALLATION OF PLANT MATERIALS FOR EROSION CONTROL, AND RECOMMENDATIONS OF A REGISTERED SOILS ENGINEER AND/OR ENGINEERING GEOLOGIST WHICH MAY OUTLINE REQUIREMENTS FOR FURTHER WORK.
- B. WHERE IT APPEARS THAT STORM DAMAGE MAY OCCUR DUE TO INCOMPLETE GRADING AT SITE, WORK MAY BE STOPPED AND THE CONTRACTOR REQUIRED TO INSTALL TEMPORARY STRUCTURES OR TAKE SUCH OTHER MEASURES AS MAY BE REQUIRED TO PROTECT ADJOINING PROPERTY OR THE PUBLIC SAFETY. WHERE UNUSUAL SITE CONDITIONS PREVAIL, THE ENFORCEMENT OFFICER MAY SPECIFY THE START AND END DATES FOR GRADING OPERATIONS OR MAY REQUIRE THAT THE OPERATIONS BE CONDUCTED IN SPECIFIC STAGES SO AS TO ENSURE COMPLETION OF PROTECTIVE MEASURES OR DEVICES PRIOR TO THE ADVENT OF SEASONAL RAINS.

7. MCHENRY COUNTY SOIL EROSION AND SEDIMENT CONTROL

- A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
- B. SOIL AND MATERIAL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF MCHENRY COUNTY.
- C. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DISPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, EATERS OF THE U.S. OR ISOLATED WATERS OF MCHENRY COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.

SCHEDULE OF EROSION CONTROL QUANTITIES

TEMPORARY DITCH CHECKS	FOOT	72
PERIMETER EROSION BARRIER (INCLUDES MAINTENANCE)	FOOT	2,340
INLET FILTERS	EACH	31
INLET AND PIPE PROTECTION	EACH	8
TEMPORARY EROSION CONTROL SEEDING	POUND	151

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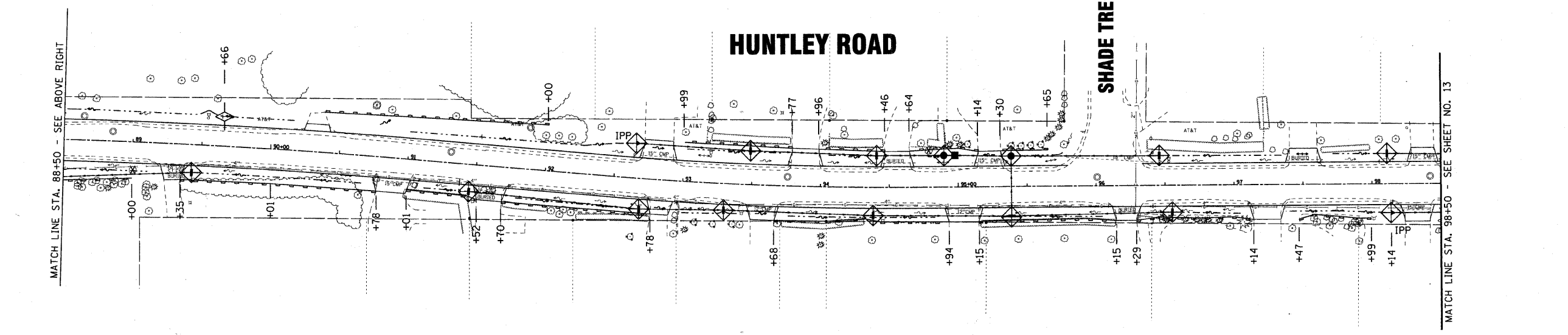
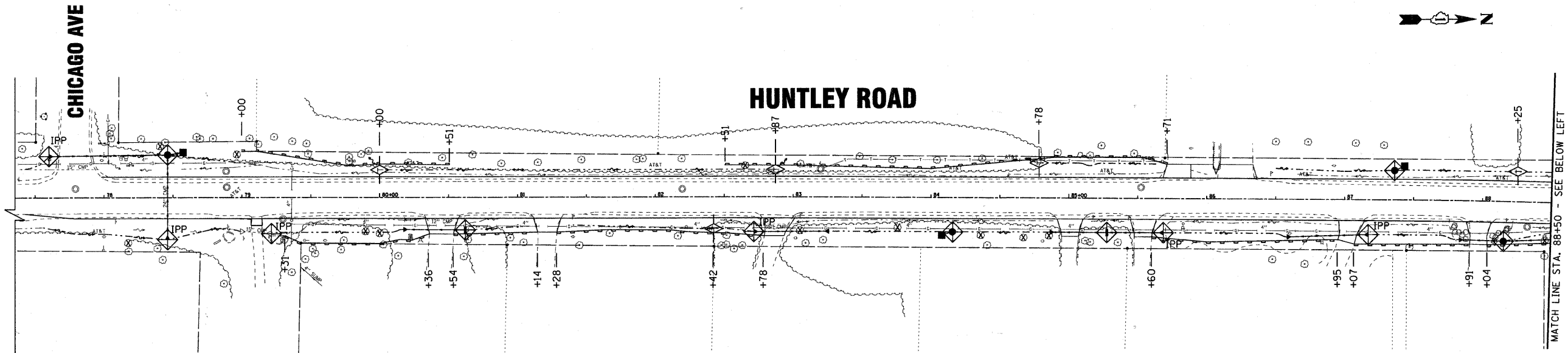
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**VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL**





EROSION AND SEDIMENT CONTROL NOTES

SCALE: NONE STA. TO STA.


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	12
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63545	
FED. AID PROJECT			CMM-900316281	



LEGEND

-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECKS
-  INLET FILTER
-  INLET AND PIPE PROTECTION

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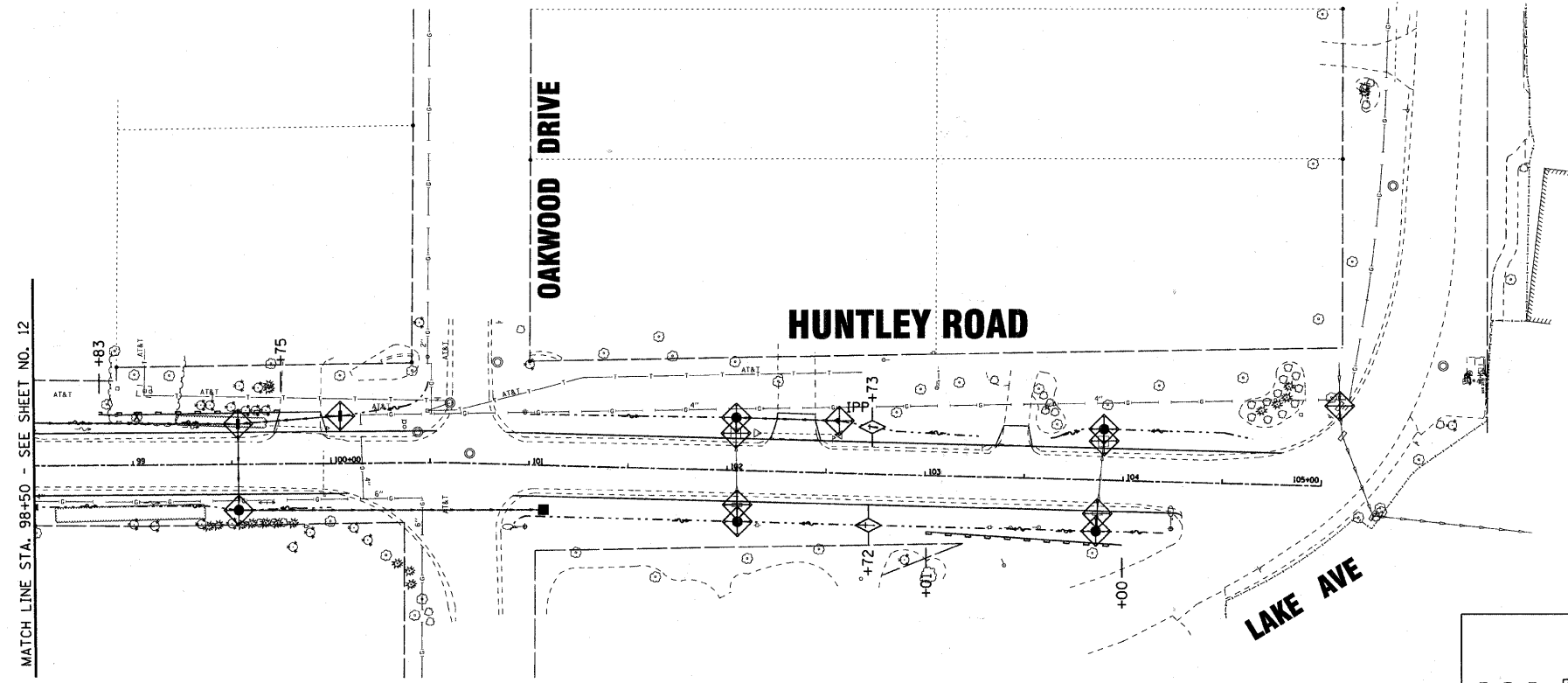
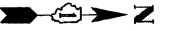
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VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

EROSION CONTROL PLAN

SCALE: STA. 77+50 TO STA. 98+50

F.A.U. RTE. 0118	SECTION 10-00011-00-BT	COUNTY MCHENRY	TOTAL SHEETS 35	SHEET NO. 13
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT	CONTRACT NO. 63545	
			CMM-9003(628)	



LEGEND	
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	INLET FILTER
	INLET AND PIPE PROTECTION

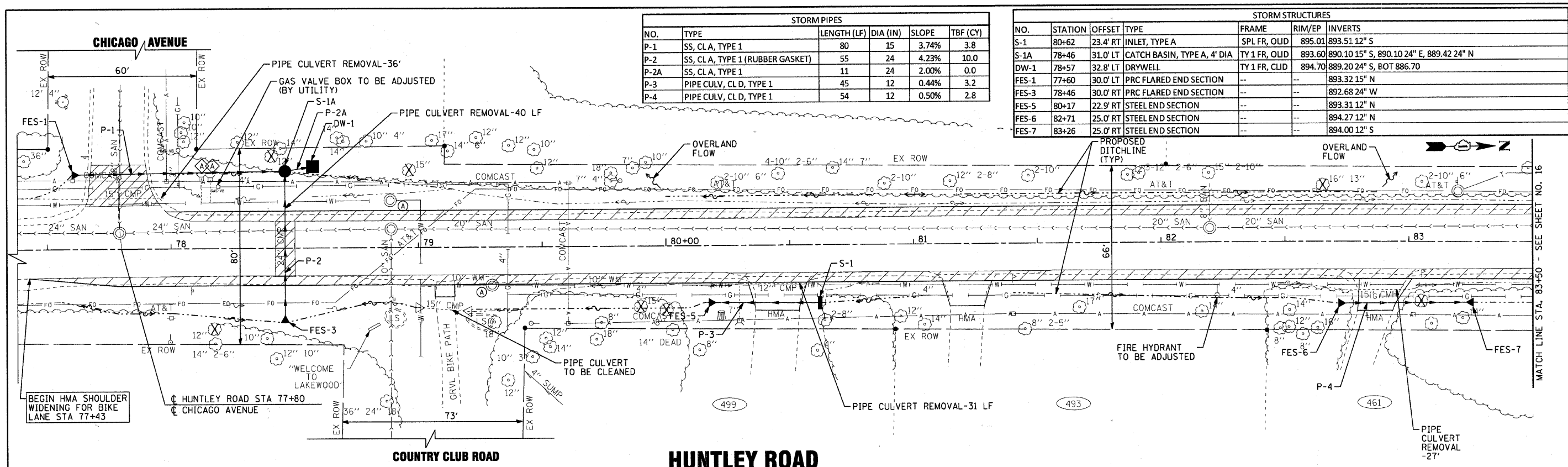
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 PROJECT NO. 091263-ER2
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DESIGNED - DSH	REVISED - 12/16/10 PER IDOT
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DATE - 12/16/10	FILE - ph2-091263-ER2.sht

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

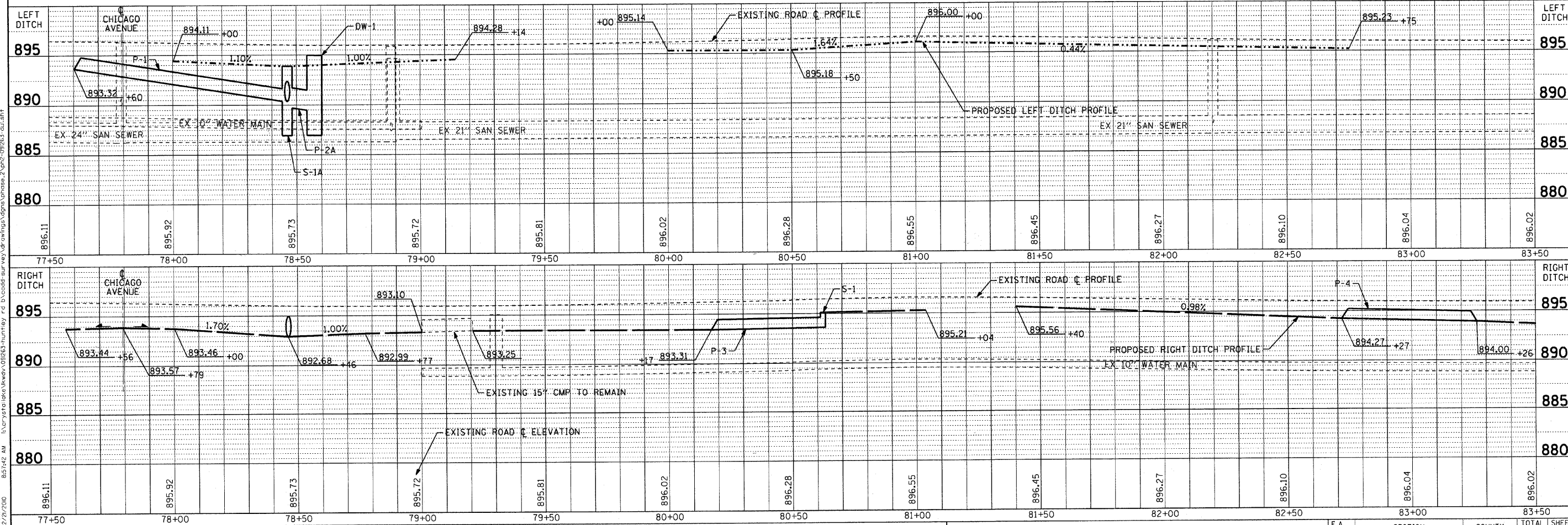
EROSION CONTROL PLAN
 SCALE: STA. 98+50 TO STA. 105+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHEMRY	35	14
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63545	
FED. AID PROJECT			CMM-900316281	



STORM PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-1	SS, CL, TYPE 1	80	15	3.74%	3.8
P-2	SS, CL, TYPE 1 (RUBBER GASKET)	55	24	4.23%	10.0
P-2A	SS, CL, TYPE 1	11	24	2.00%	0.0
P-3	PIPE CULV, CLD, TYPE 1	45	12	0.44%	3.2
P-4	PIPE CULV, CLD, TYPE 1	54	12	0.50%	2.8

STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME	RIM/EP	INVERTS
S-1	80+62	23.4' RT	INLET, TYPE A	SPL FR, OLID	895.01	893.51 12" S
S-1A	78+46	31.0' LT	CATCH BASIN, TYPE A, 4' DIA	TY 1 FR, OLID	893.60	890.10 15" S, 890.10 24" E, 889.42 24" N
DW-1	78+57	32.8' LT	DRYWELL	TY 1 FR, CLID	894.70	889.20 24" S, BOT 886.70
FES-1	77+60	30.0' LT	PRC FLARED END SECTION	--	--	893.32 15" W
FES-3	78+46	30.0' RT	PRC FLARED END SECTION	--	--	892.68 24" W
FES-5	80+17	22.9' RT	STEEL END SECTION	--	--	893.31 12" N
FES-6	82+71	25.0' RT	STEEL END SECTION	--	--	894.27 12" N
FES-7	83+26	25.0' RT	STEEL END SECTION	--	--	894.00 12" S



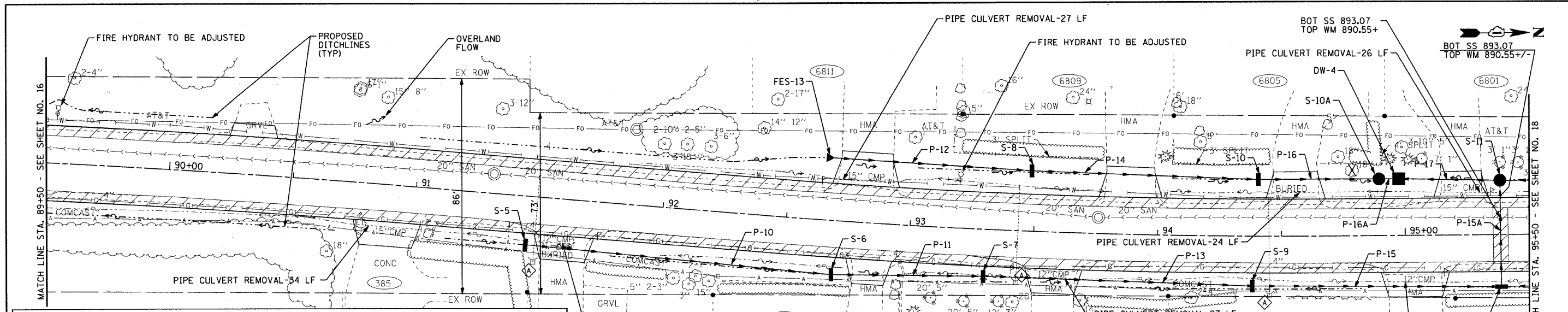
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 DRAWING NO. 10-00011-00-BT-DR-01
 DATE: 12/16/10

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VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

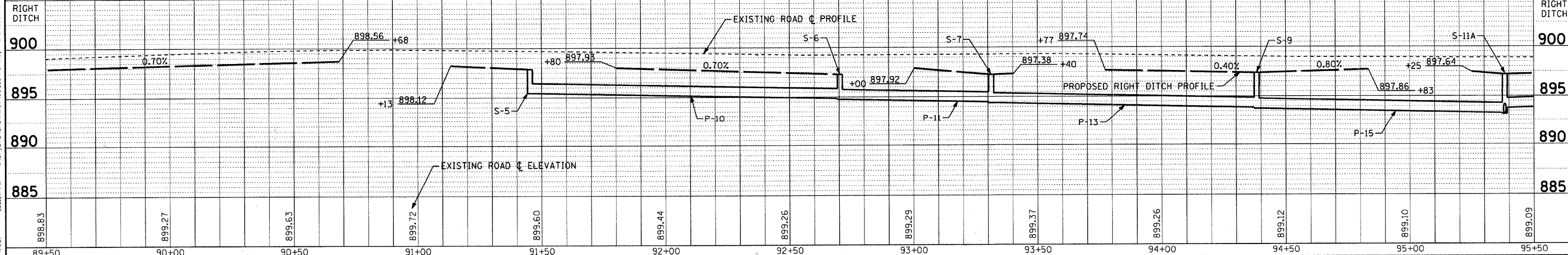
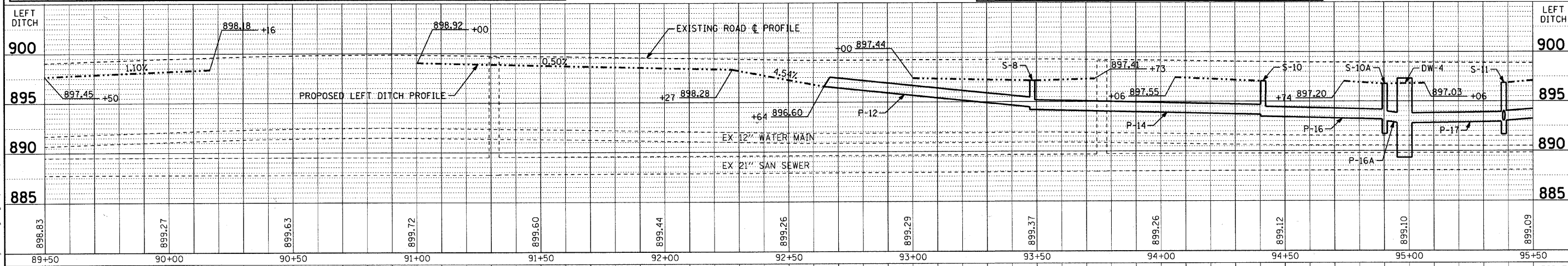
DRAINAGE & UTILITY
HUNTLEY ROAD
 SCALE: H: 1"=20' V: 1"=5'
 STA. 77+50 TO STA. 83+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-3003(628)			CONTRACT NO. 63545	



STORM STRUCTURES						
NO.	STATION	OFFSET	TYPE	FRAME	RIM/EP	INVERTS
S-5	91+46	19.8' RT	INLET, TYPE A	TY 1 FR, OLID	897.79	895.37 12" N
S-6	92+70	22.0' RT	INLET, TYPE A	TY 1 FR, OLID	897.30	894.87 12" S, 894.77 12" N
S-7	92+31	19.0' RT	INLET, TYPE A	TY 1 FR, OLID	897.30	894.53 12" S, 894.43 12" N
S-8	93+48	24.4' LT	INLET, TYPE A	TY 1 FR, OLID	897.23	894.53 12" S, 894.25 12" N
S-9	94+39	20.3' RT	INLET, TYPE A	TY 1 FR, OLID	897.50	893.99 12" S, 893.89 12" N
S-10	94+40	22.9' LT	INLET, TYPE A	TY 1 FR, OLID	897.20	893.80 12" S, 893.60 12" N
S-10A	94+90	22.9' LT	CATCH BASIN, TYPE C	TY 1 FR, OLID	896.97	893.36 12" S, 893.16 12" N
S-11	95+38	22.0' LT	CATCH BASIN, TYPE C	TY 1 FR, OLID	897.08	893.22 12" E & N, 893.12 12" S
S-11A	95+39	21.1' RT	INLET, TYPE A	TY 1 FR, OLID	897.40	893.49 12" S, 893.39 12" W, 894.00 12" N
DW-4	94+98	22.9' LT	DRYWELL	TY 1 FR, CLID	897.50	893.00 12" S, 892.96 12" N, BOT 889.50
FES-13	92+64	25.0' LT	PRC FLARED END SECTION	--	--	896.60 12" N

STORM PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-10	SS, CL A, TYPE 1 (RUBBER GASKET)	124	12	0.40%	4.4
P-11	SS, CL A, TYPE 1 (RUBBER GASKET)	61	12	0.40%	4.5
P-12	SS (WATER MAIN REQ.)	77	12	2.50%	3.4
P-13	SS, CL A, TYPE 1 (RUBBER GASKET)	109	12	0.40%	7.6
P-14	SS (WATER MAIN REQ.)	91	12	0.50%	6.4
P-15	SS, CL A, TYPE 1 (RUBBER GASKET)	100	12	0.40%	9.9
P-15A	SS, CL A, TYPE 1 (RUBBER GASKET)	43	12	0.40%	12.3
P-16	SS (WATER MAIN REQ.)	48	12	0.50%	7.5
P-16A	SS (WATER MAIN REQ.)	8	12	2.00%	0.0
P-17	SS (WATER MAIN REQ.)	40	12	0.40%	8.5



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REVISED - 01/04/11 PER C.L.
REVISED -
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VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

DRAINAGE & UTILITY
HUNTLEY ROAD

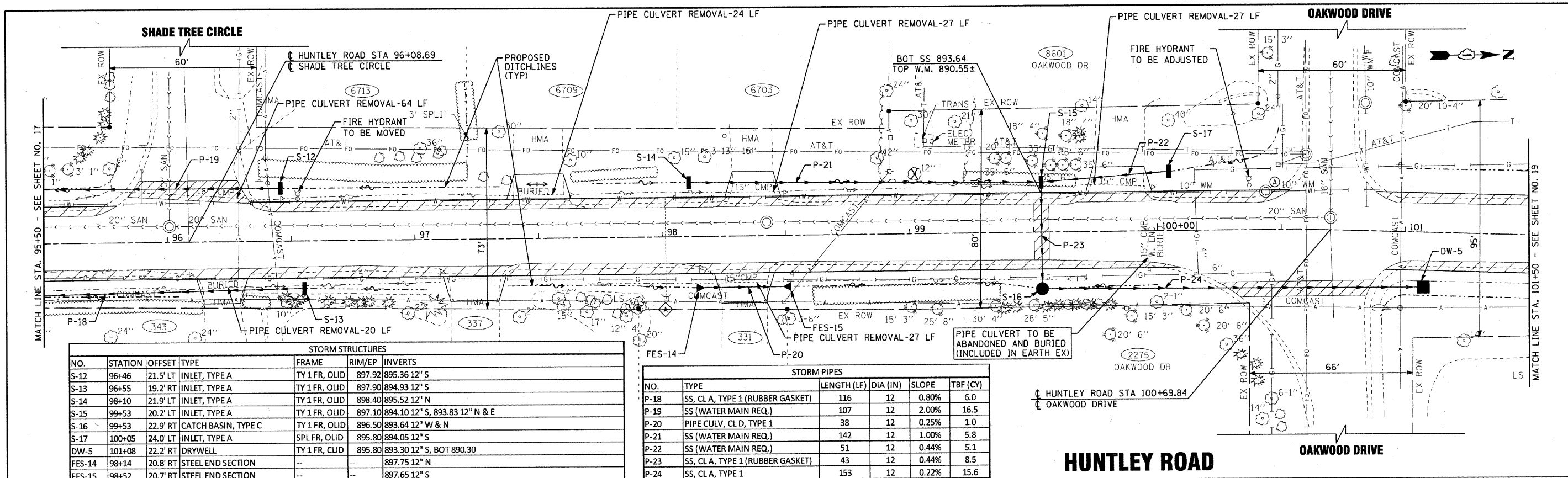
SCALE: H: 1"=20' V: 1"=5'

STA. 89+50 TO STA. 95+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	17

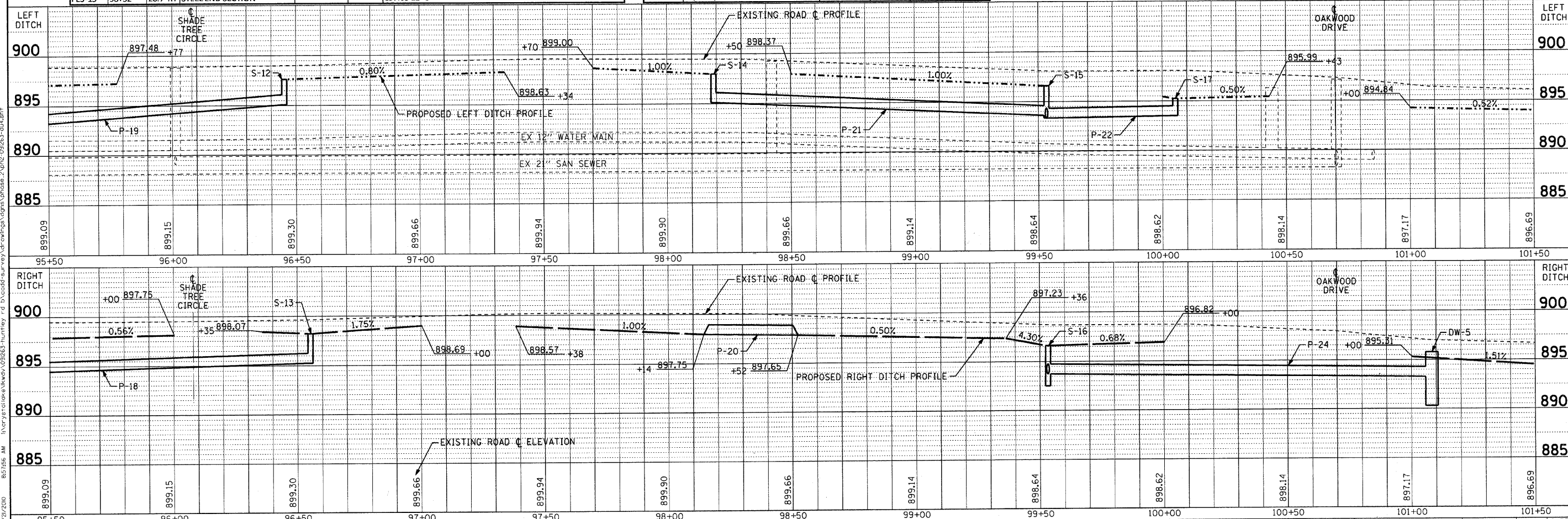
CONTRACT NO. 63545
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-9003(628)

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 LICENSE NO. 034-00187 - EXP. 01/31/2011
 1/12/2011



STORM STRUCTURES					
NO.	STATION	OFFSET	TYPE	FRAME	RIM/EP INVERTS
S-12	96+46	21.5' LT	INLET, TYPE A	TY 1 FR, OLID	897.92 895.36 12" S
S-13	96+55	19.2' RT	INLET, TYPE A	TY 1 FR, OLID	897.90 894.93 12" S
S-14	98+10	21.9' LT	INLET, TYPE A	TY 1 FR, OLID	898.40 895.52 12" N
S-15	99+53	20.2' LT	INLET, TYPE A	TY 1 FR, OLID	897.10 894.10 12" S, 893.83 12" N & E
S-16	99+53	22.9' RT	CATCH BASIN, TYPE C	TY 1 FR, OLID	896.50 893.64 12" W & N
S-17	100+05	24.0' LT	INLET, TYPE A	SPL FR, OLID	895.80 894.05 12" S
DW-5	101+08	22.2' RT	DRYWELL	TY 1 FR, CLID	895.80 893.30 12" S, BOT 890.30
FES-14	98+14	20.8' RT	STEEL END SECTION	--	897.75 12" N
FES-15	98+52	20.7' RT	STEEL END SECTION	--	897.65 12" S

STORM PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-18	SS, CL A, TYPE 1 (RUBBER GASKET)	116	12	0.80%	6.0
P-19	SS (WATER MAIN REQ.)	107	12	2.00%	16.5
P-20	PIPE CULV, CL D, TYPE 1	38	12	0.25%	1.0
P-21	SS (WATER MAIN REQ.)	142	12	1.00%	5.8
P-22	SS (WATER MAIN REQ.)	51	12	0.44%	5.1
P-23	SS, CL A, TYPE 1 (RUBBER GASKET)	43	12	0.44%	8.5
P-24	SS, CL A, TYPE 1	153	12	0.22%	15.6



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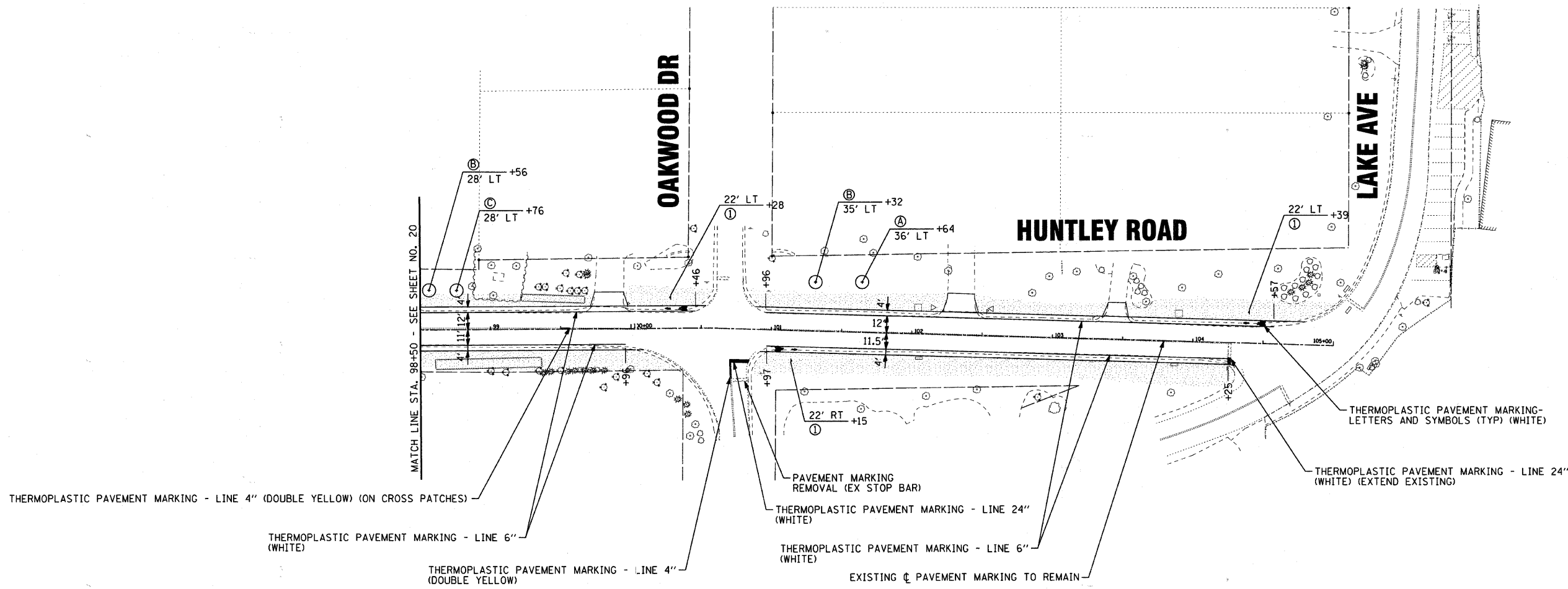
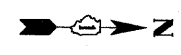


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DATE - 12/16/10	FILE - ph2-091263-du4.sht

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

DRAINAGE & UTILITY
HUNTLEY ROAD
 SCALE: H: 1"=20' V: 1"=5'
 STA. 95+50 TO STA. 101+50

F.A. RTE. 0118	SECTION 10-00011-00-BT	COUNTY MCHENRY	TOTAL SHEETS 35	SHEET NO. 18
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63545	
FED. AID PROJECT CMM-9003(628)				



THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (ON CROSS PATCHES)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)

PAVEMENT MARKING REMOVAL (EX STOP BAR)

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)

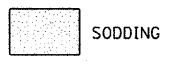
EXISTING ϕ PAVEMENT MARKING TO REMAIN

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) (EXTEND EXISTING)

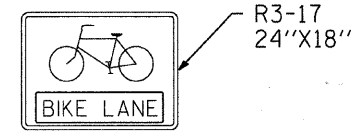
THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (TYP) (WHITE)

TREE LEGEND

- (A) RED SUNSET RED MAPLE (3" CALIPER)
- (B) EMERALD QUEEN NORWAY MAPLE (3" CALIPER)
- (C) ARISTOCRAT CALLERY PEAR (3" CALIPER)
- (D) GOLDEN RAINDROPS CRABAPPLE (2" CALIPER)
- (E) RED JEWEL CRABAPPLE (2 1/2" CALIPER)



SIGN LEGEND

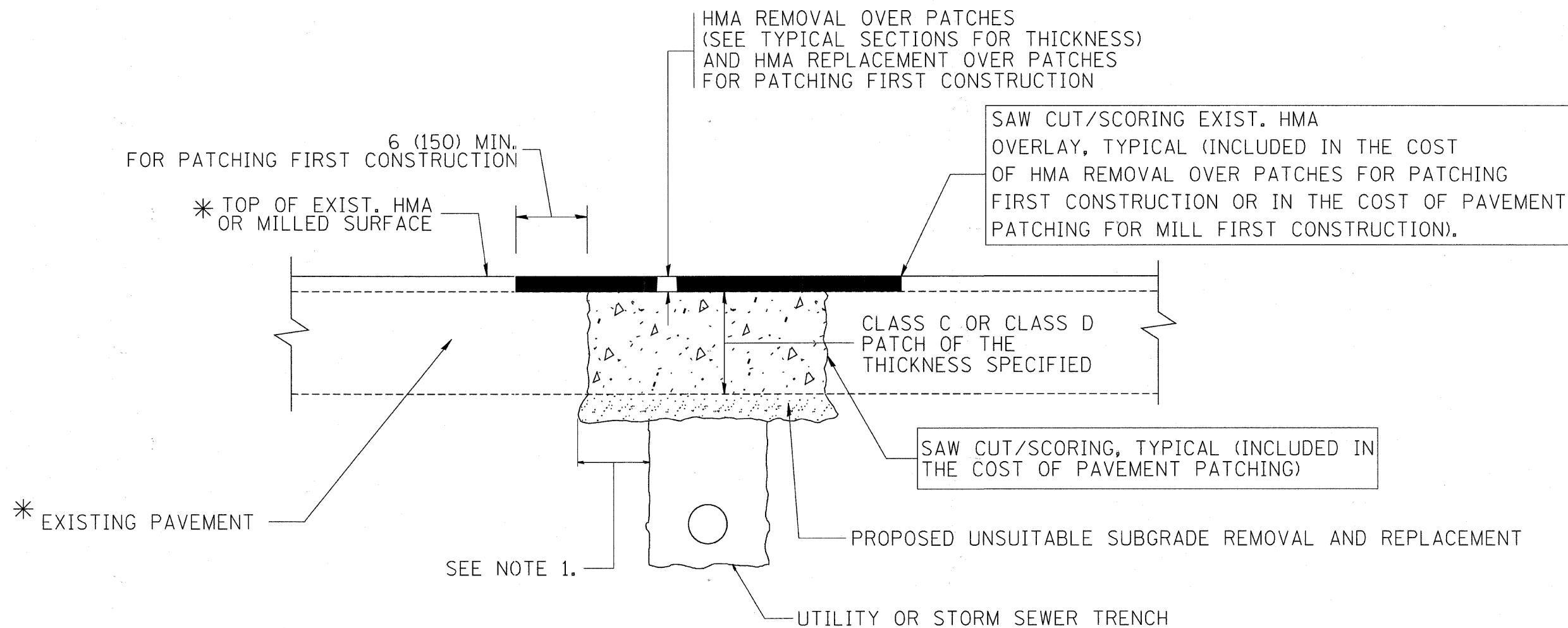


NOTE: ALL SIGNS SHALL BE MOUNTED ON WOODEN POSTS

NOTE: TREE LOCATIONS SHOWN ARE FOR BIDDING PURPOSES ONLY, ACTUAL LOCATIONS WILL BE AS DETERMINED BY THE VILLAGE.

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 01/17/2010 08:05 AM

	DESIGNED - DSH	REVISED - 12/16/10 PER IDOT	VILLAGE OF LAKEWOOD, ILLINOIS HUNTLEY ROAD BICYCLE TRAIL	PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN	F.A.I. RTE. 0118	SECTION 10-00011-00-BT	COUNTY MCHENRY	TOTAL SHEETS 35	SHEET NO. 21
	DRAWN - MAC	REVISED -			SCALE: 1" = 40'	STA. 98+50 TO STA. 105+00	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT CMM-9003628)	
	CHECKED - JJF	REVISED -			CONTRACT NO. 63545				
	DATE - 12/16/10	FILE - ph2-091263-pm2.sh1							



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

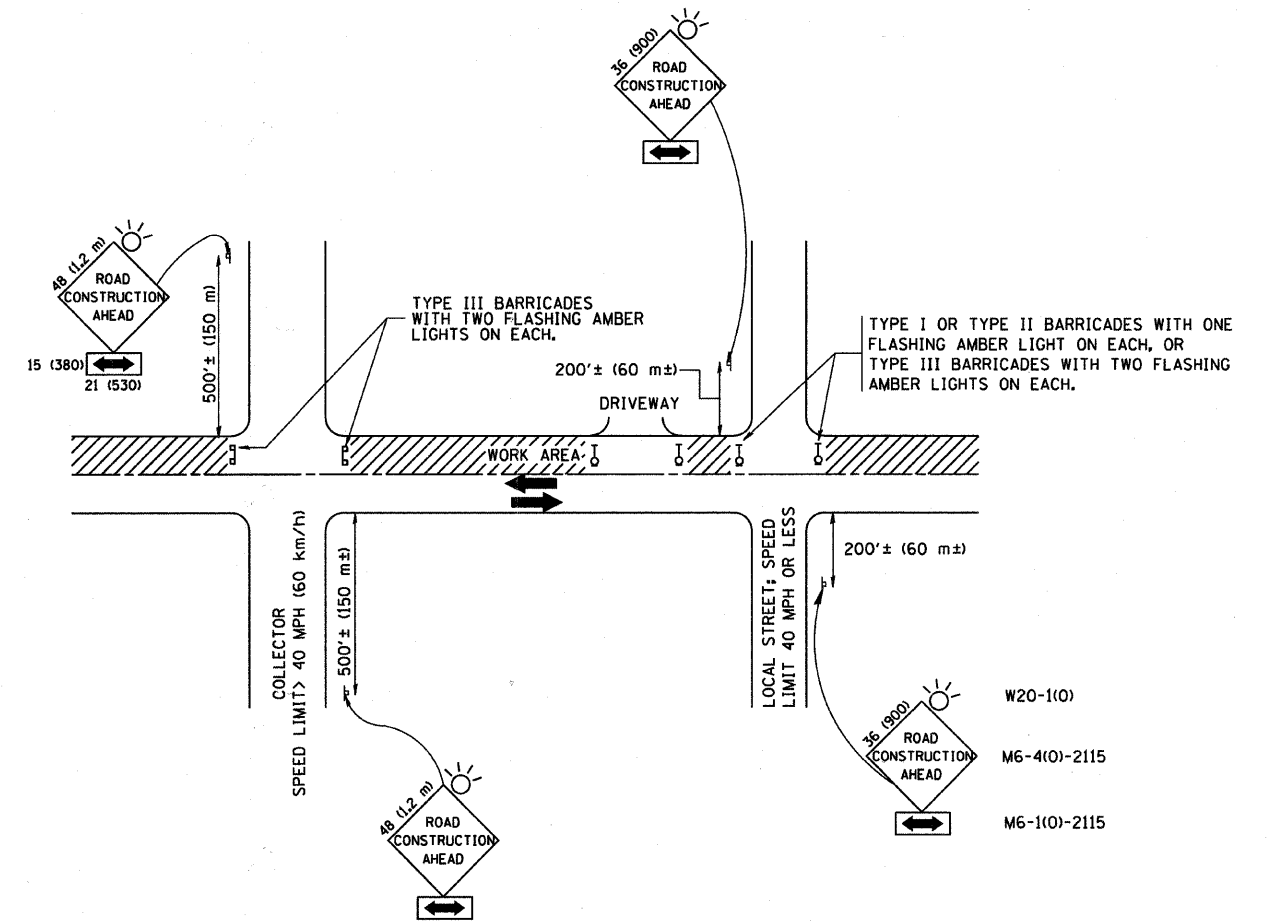
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\dstatd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07		0118	10-00011-00-BT	McHENRY	35	23			
		CHECKED -	REVISED - R. BORO 09-01-07		BD400-04 (BD-22)			CONTRACT NO. 63545				
		DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-9003(628)			



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.

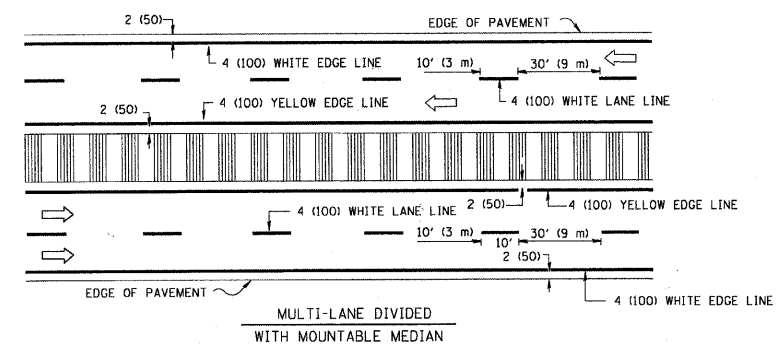
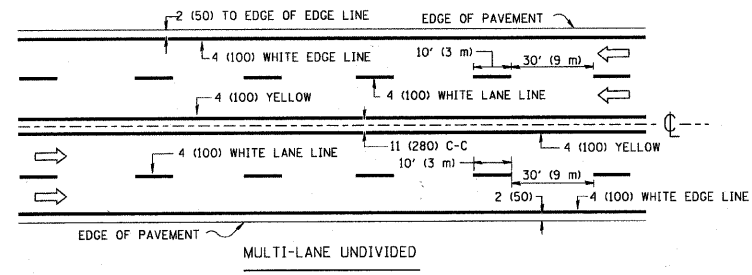
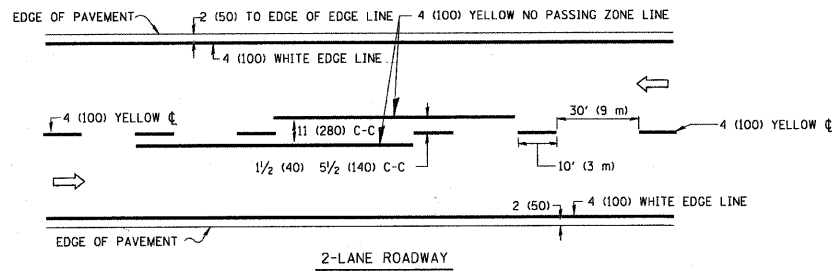
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 58.000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

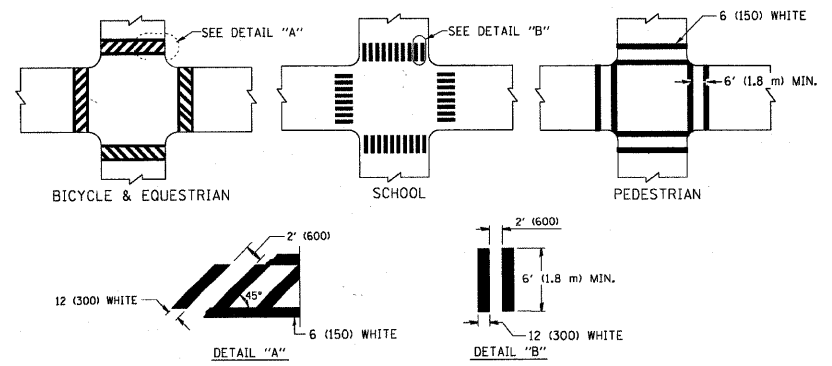
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

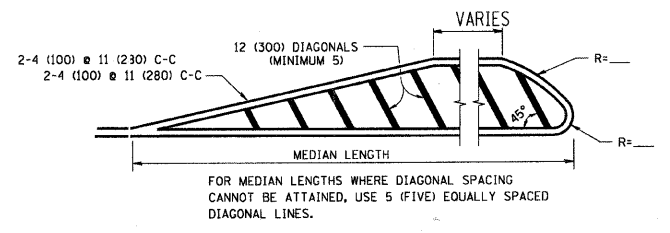
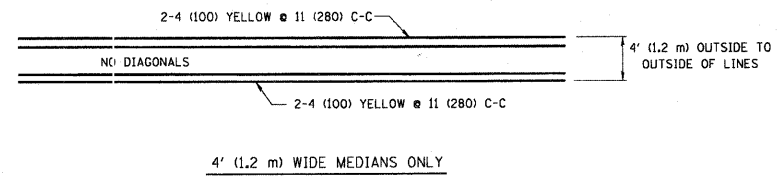
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 63545	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-9003 (628)				



NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE
TYPICAL LANE AND EDGE LINE MARKING

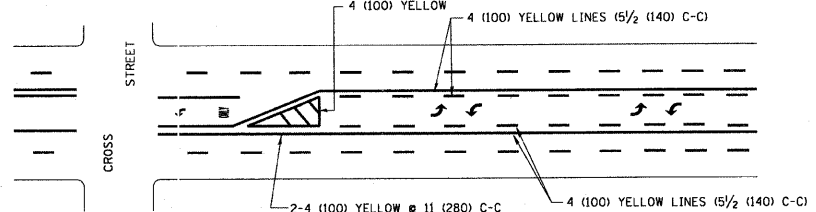


TYPICAL CROSSWALK MARKING

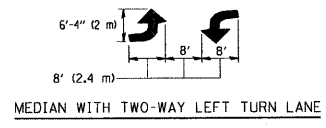


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

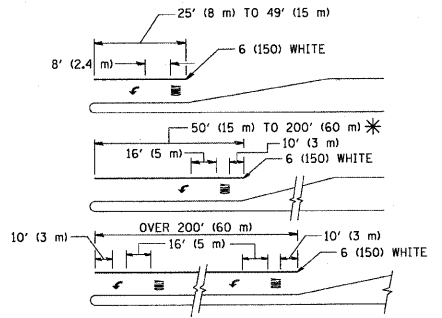
MEDIANS OVER 4' (1.2 m) WIDE



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



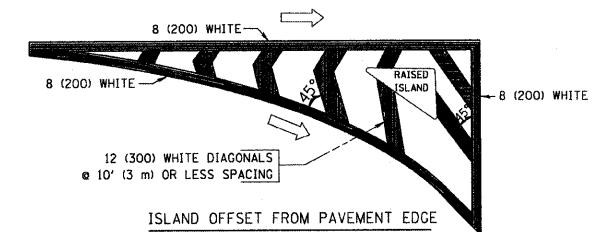
TYPICAL PAINTED MEDIAN MARKING



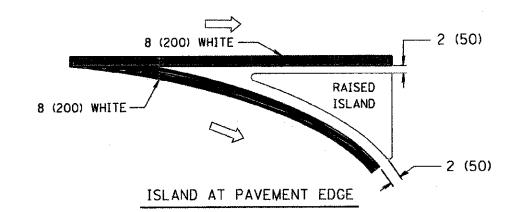
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

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 FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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: "R"=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.

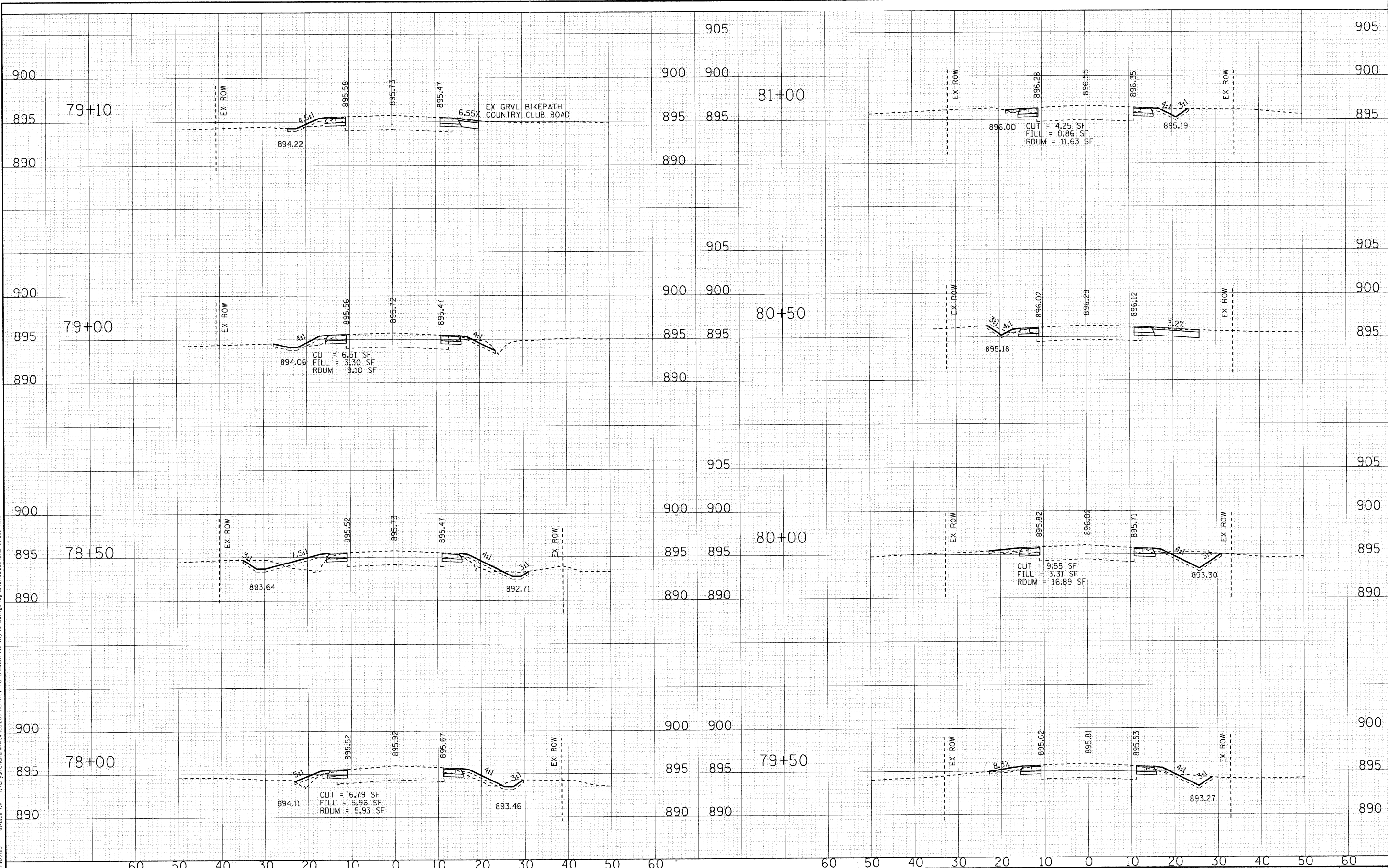
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	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

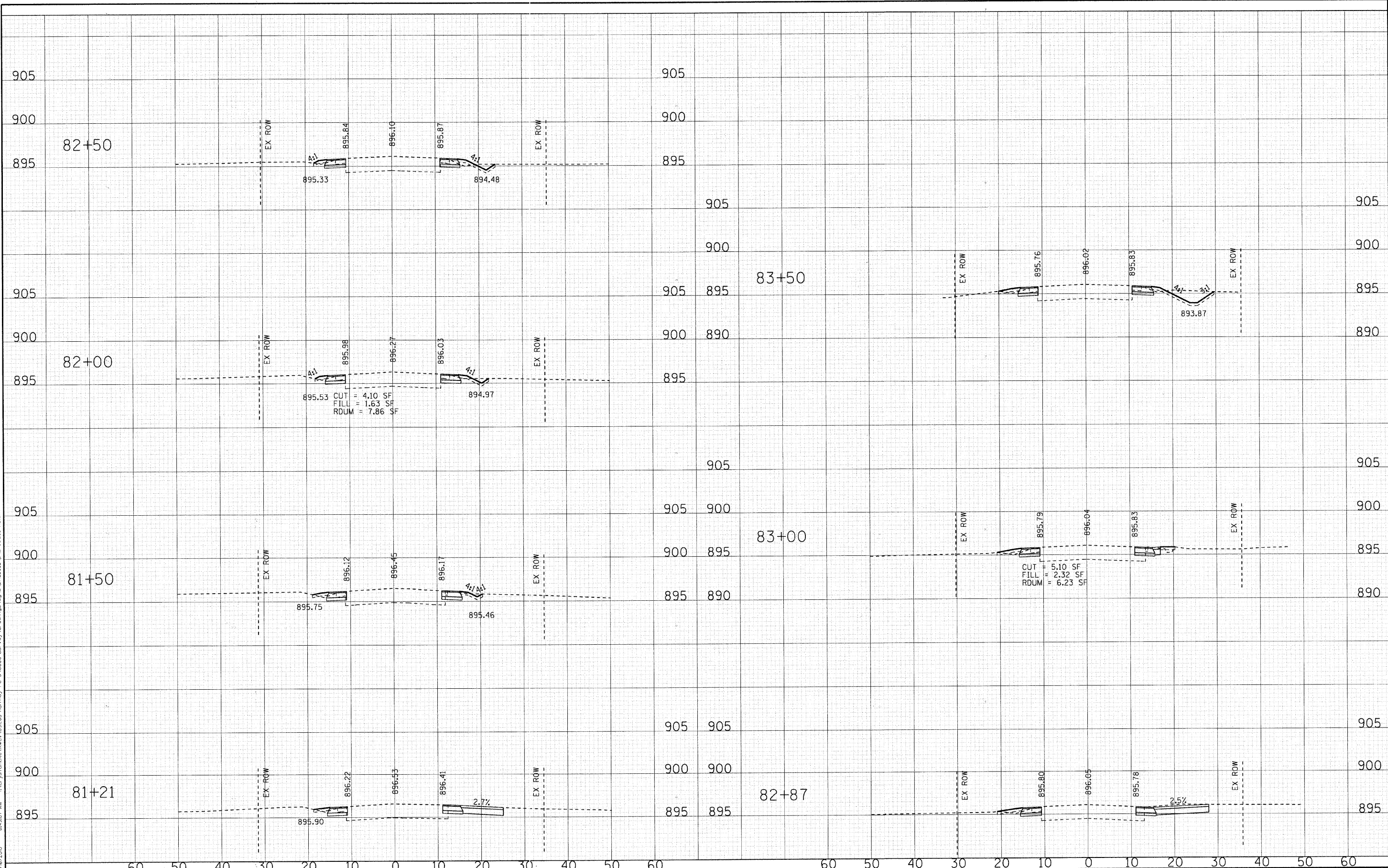
F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	McHENRY	35	25
TC-13			CONTRACT NO. 63545	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT CMB-9003 (628)				

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 PROJECT: VILLAGE OF LAKEWOOD, ILLINOIS, HUNTLEY ROAD BIKEWAY
 DRAWING NO.: 10-00011-00-BT
 DATE: 12/16/2000



VILLAGE OF LAKEWOOD, ILLINOIS HUNTLEY ROAD BIKEWAY		CROSS SECTIONS HUNTLEY ROAD		SECTION 10-00011-00-BT	COUNTY MCHENRY	TOTAL SHEETS 35	SHEET NO. 26
DESIGNED - DSH DRAWN - MAC CHECKED - JUF DATE - 12/16/20	REVISED - REVISED - REVISED - REVISED -	SCALE: H: 1"=10' V: 1"=5' STA. 78+00 TO STA. 81+00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-9003628J				

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 LICENSE NO. 0118 - EXPIRES 1/30/2011
 DATE: 12/16/2010



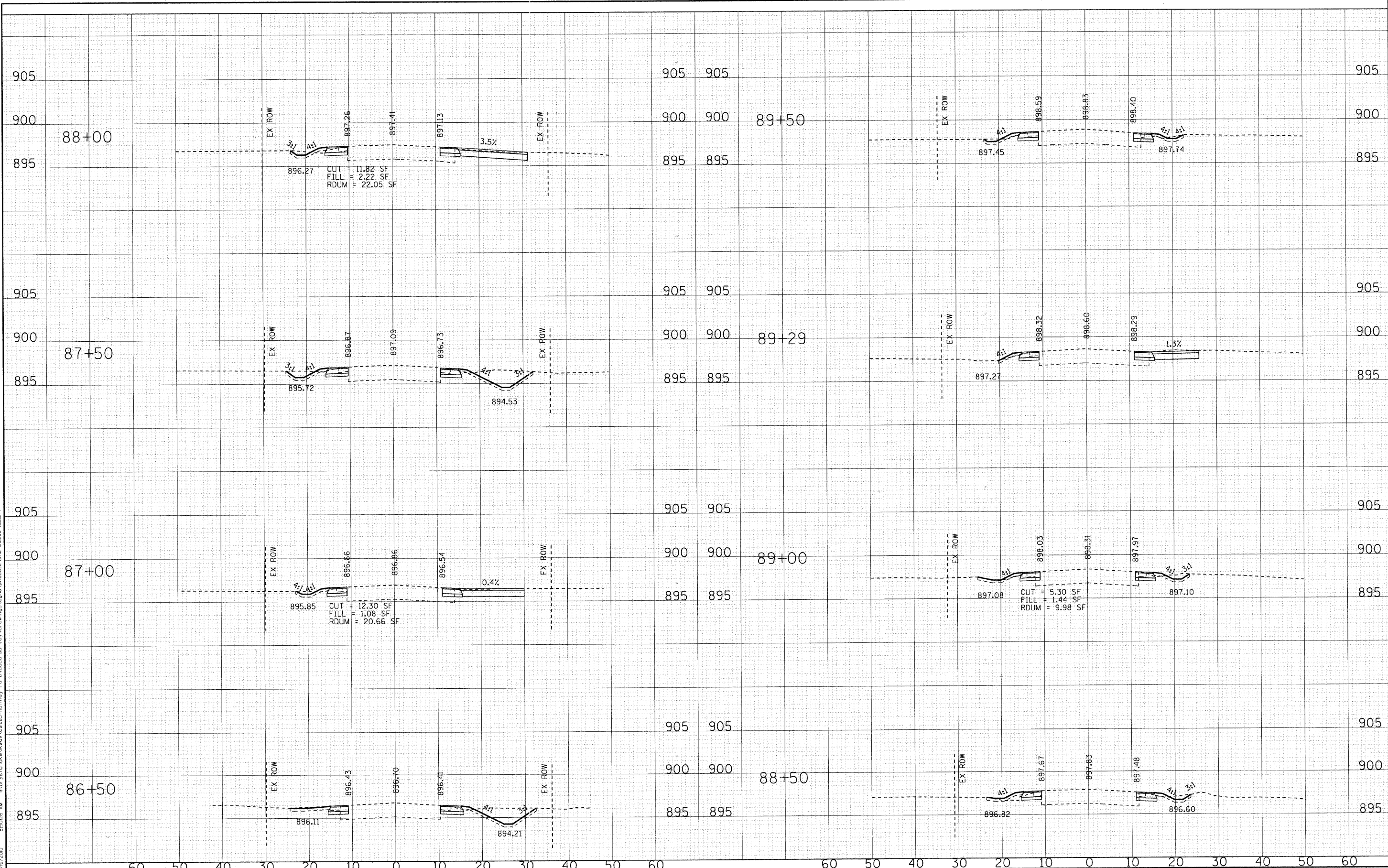
DESIGNED - DSH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - JJF	REVISED -
DATE - 12/16/10	REVISED -

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

CROSS SECTIONS
HUNTLEY ROAD
 SCALE: H: 1"=10' V: 1"=5'
 STA. 81+21 TO STA. 83+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	27
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63545	
FED. AID PROJECT			CMM-900316281	

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 LICENSE NO. 184-00029 - EXPIRES 4/30/2011
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DESIGNED - DSH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - JUF	REVISED -
DATE - 12/16/10	REVISED -

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

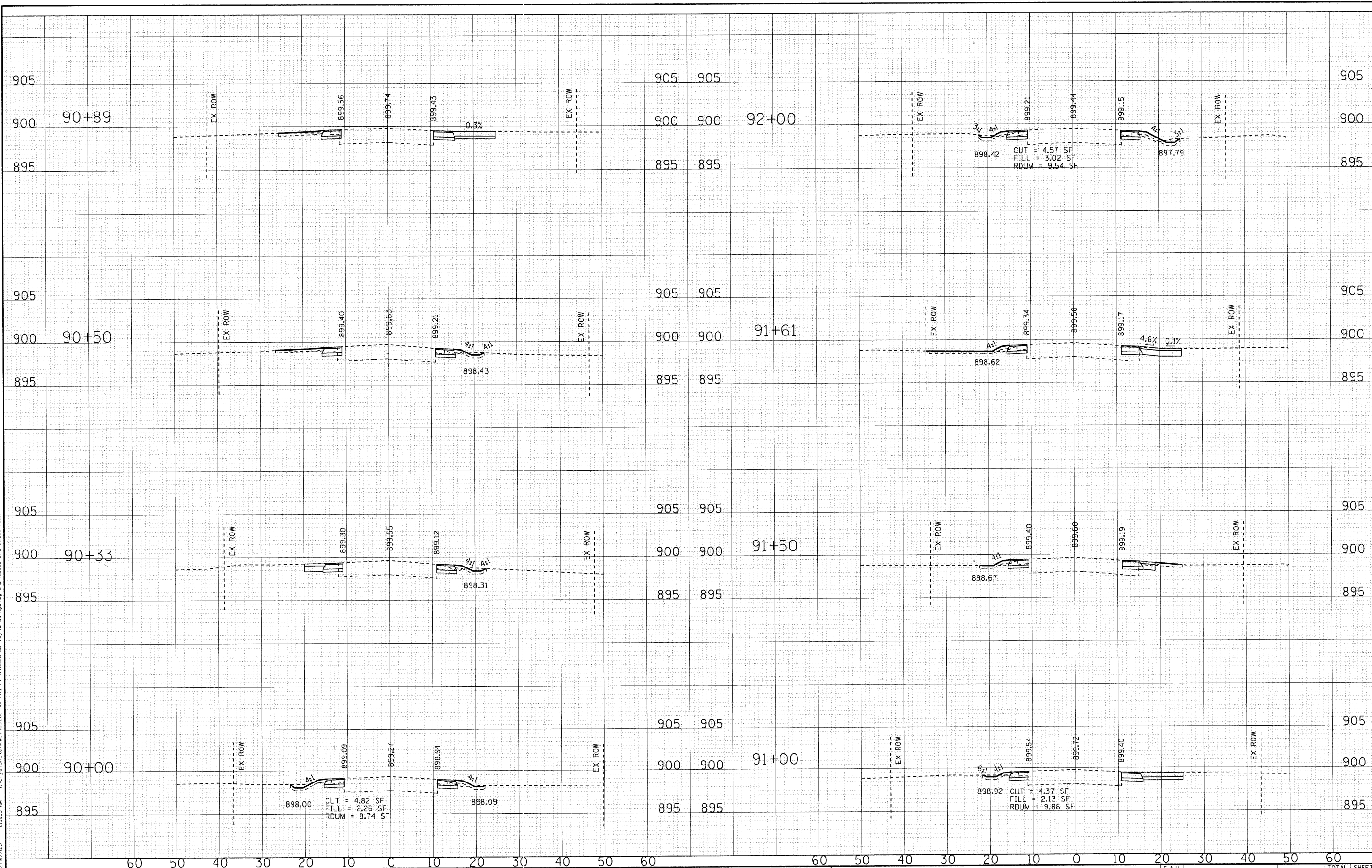
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CROSS SECTIONS
HUNTLEY ROAD

STA. 86+50 TO STA. 89+50

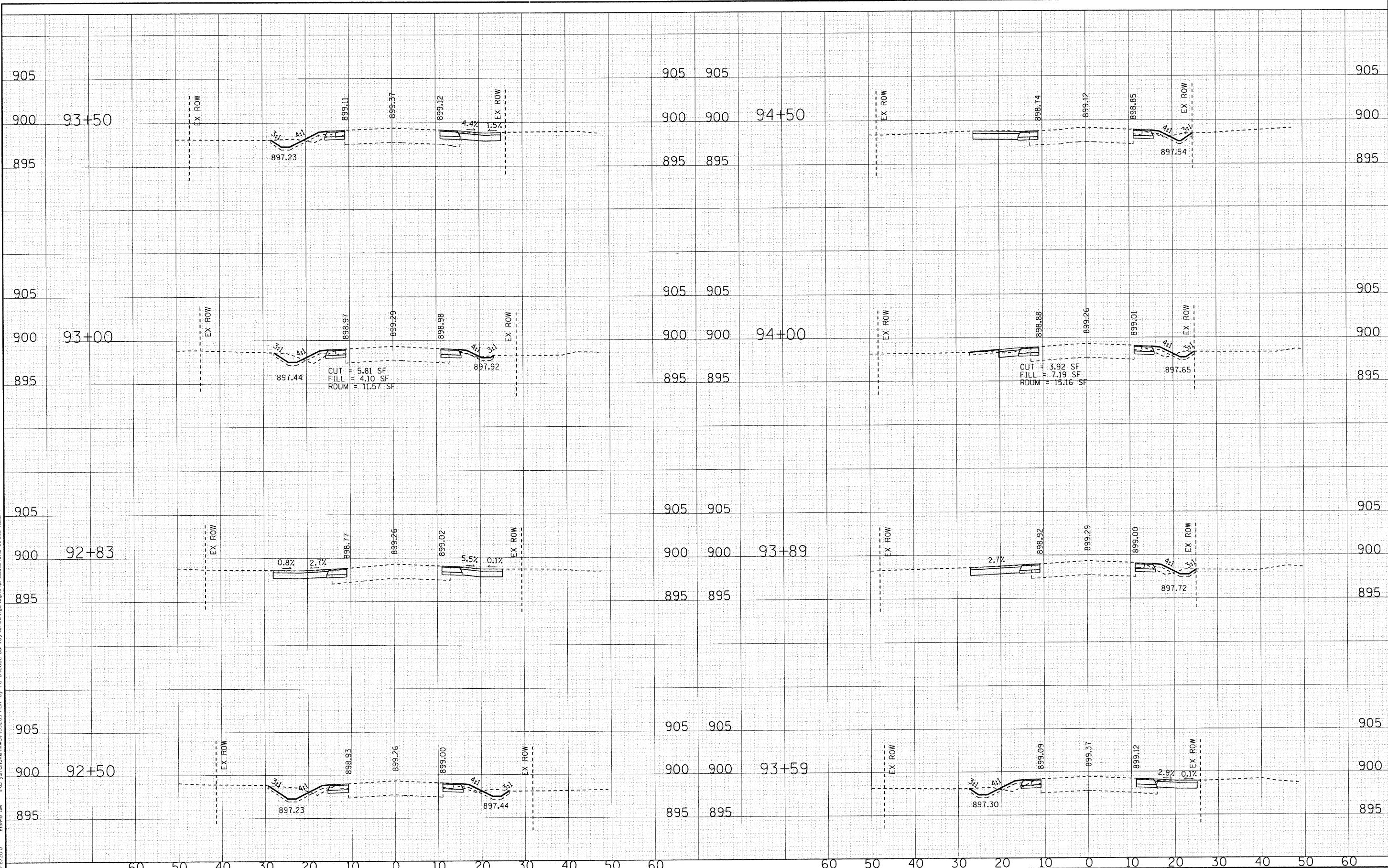
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FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT CMM-9003(628)	
			CONTRACT NO. 63545	

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 PROJECT: VILLAGE OF LAKEWOOD, ILLINOIS, HUNTLEY ROAD BICYCLE TRAIL
 DRAWING NO.: 10-00011-00-BT
 DATE: 12/16/10
 DESIGNED BY: DSH
 DRAWN BY: MAC
 CHECKED BY: JUF
 DATE: 12/16/10



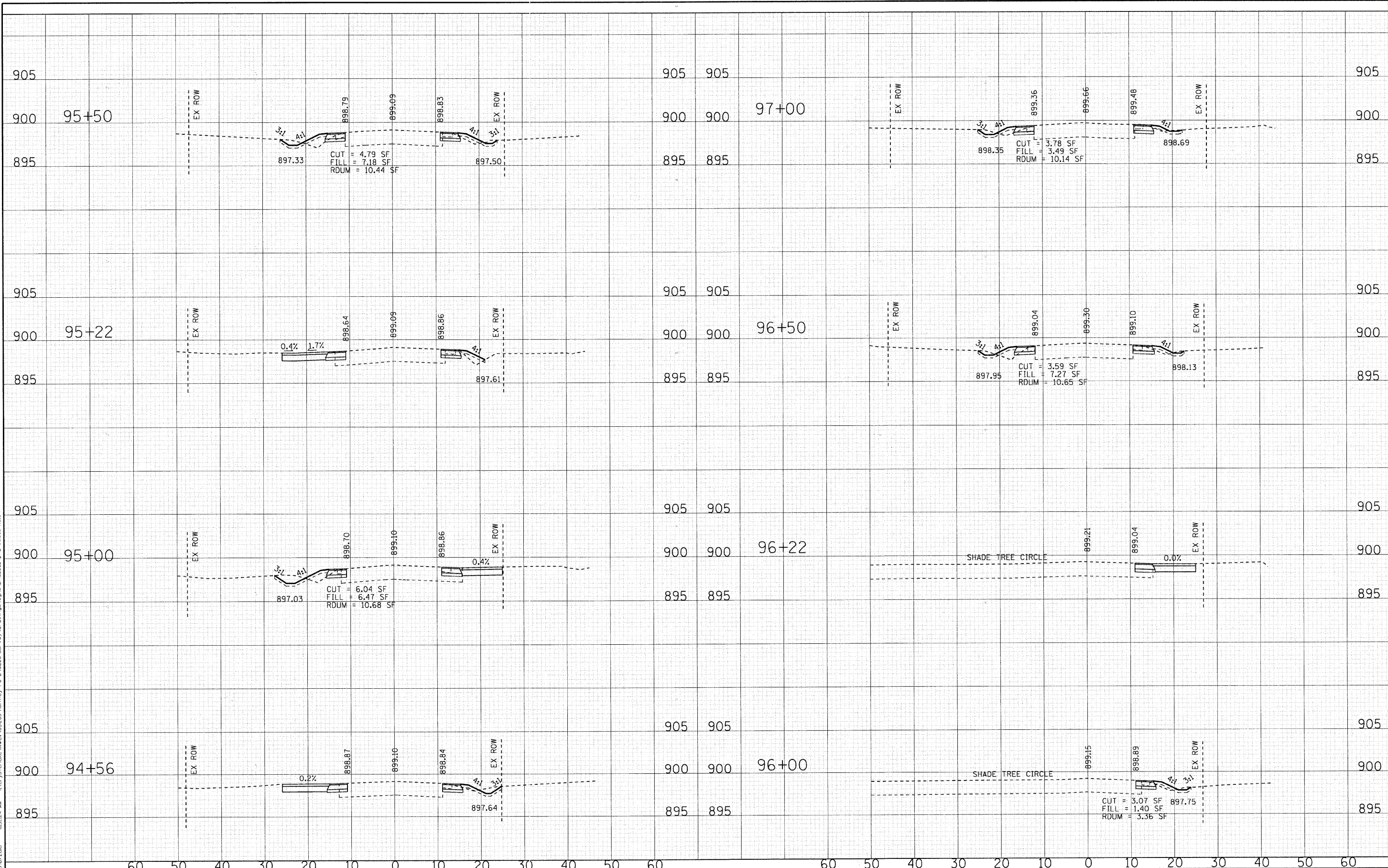
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DRAWN - MAC	REVISED -							
CHECKED - JUF	REVISED -							
DATE - 12/16/10	REVISED -							

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 LICENSE NO. 08-00012 - EXPIRES 4/30/2011
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	DRAWN - MAC	REVISED -			SCALE: H: 1"=10' V: 1"=5'		STA. 92+50 TO STA. 94+50	FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CMM-9003628J		
	CHECKED - JJF	REVISED -									CONTRACT NO. 63545	
	DATE - 12/16/10	REVISED -										

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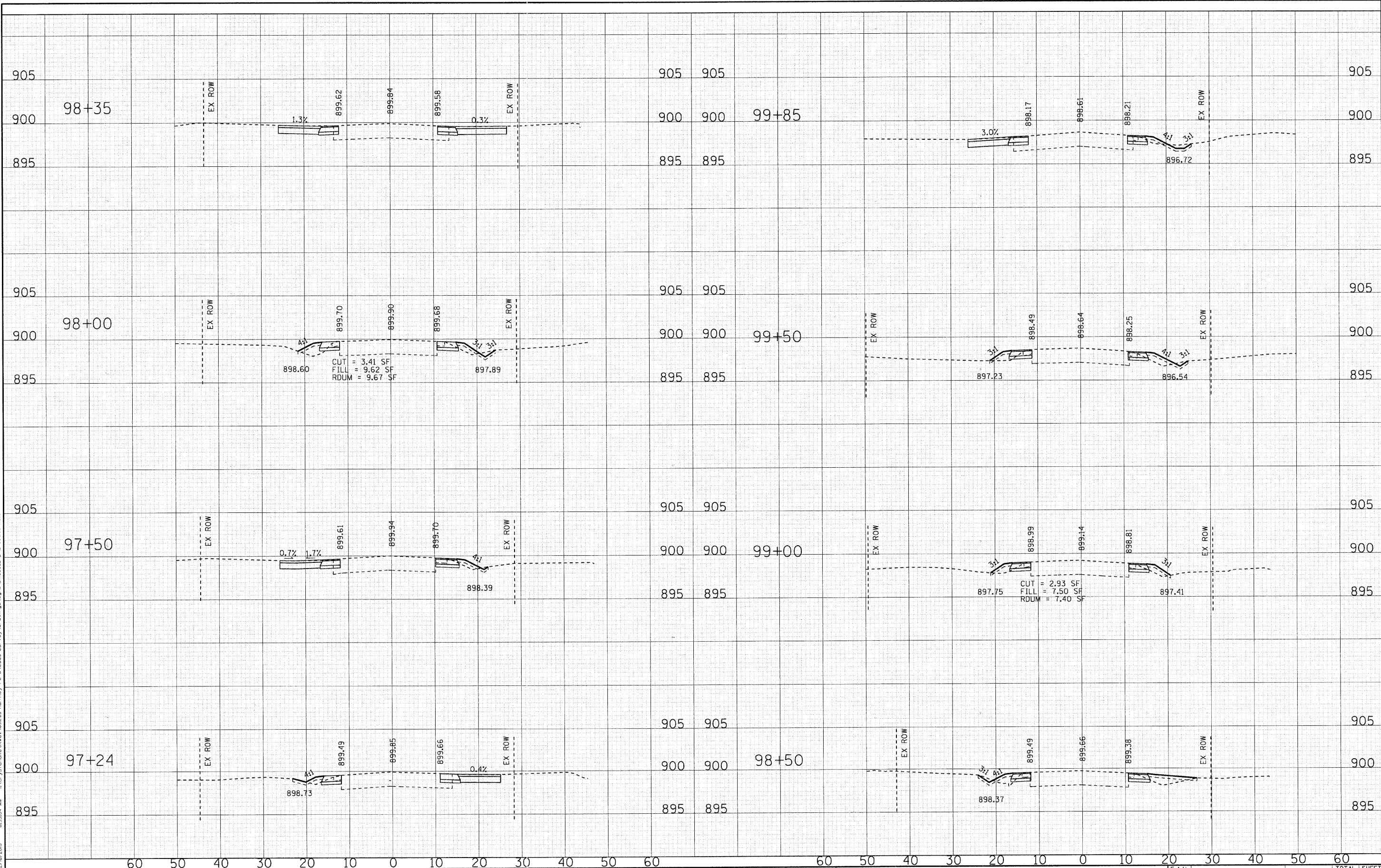
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DRAWN - MAC	REVISED -
CHECKED - JJF	REVISED -
DATE - 12/16/10	REVISED -

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

CROSS SECTIONS
HUNTLEY ROAD
 SCALE: H: 1"=10' V: 1"=5'
 STA. 94+56 TO STA. 97+00

F.A.U. RTE. 0118	SECTION 10-00011-00-BT	COUNTY MCHENRY	TOTAL SHEETS 35	SHEET NO. 32
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT	CONTRACT NO. 63545	
CMM-90036281				

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 PROJECT: HUNTERVILLE, ILLINOIS
 LICENSE NO. 184-00021 - EXPIRES 4/30/2011
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 DATE: 12/16/10



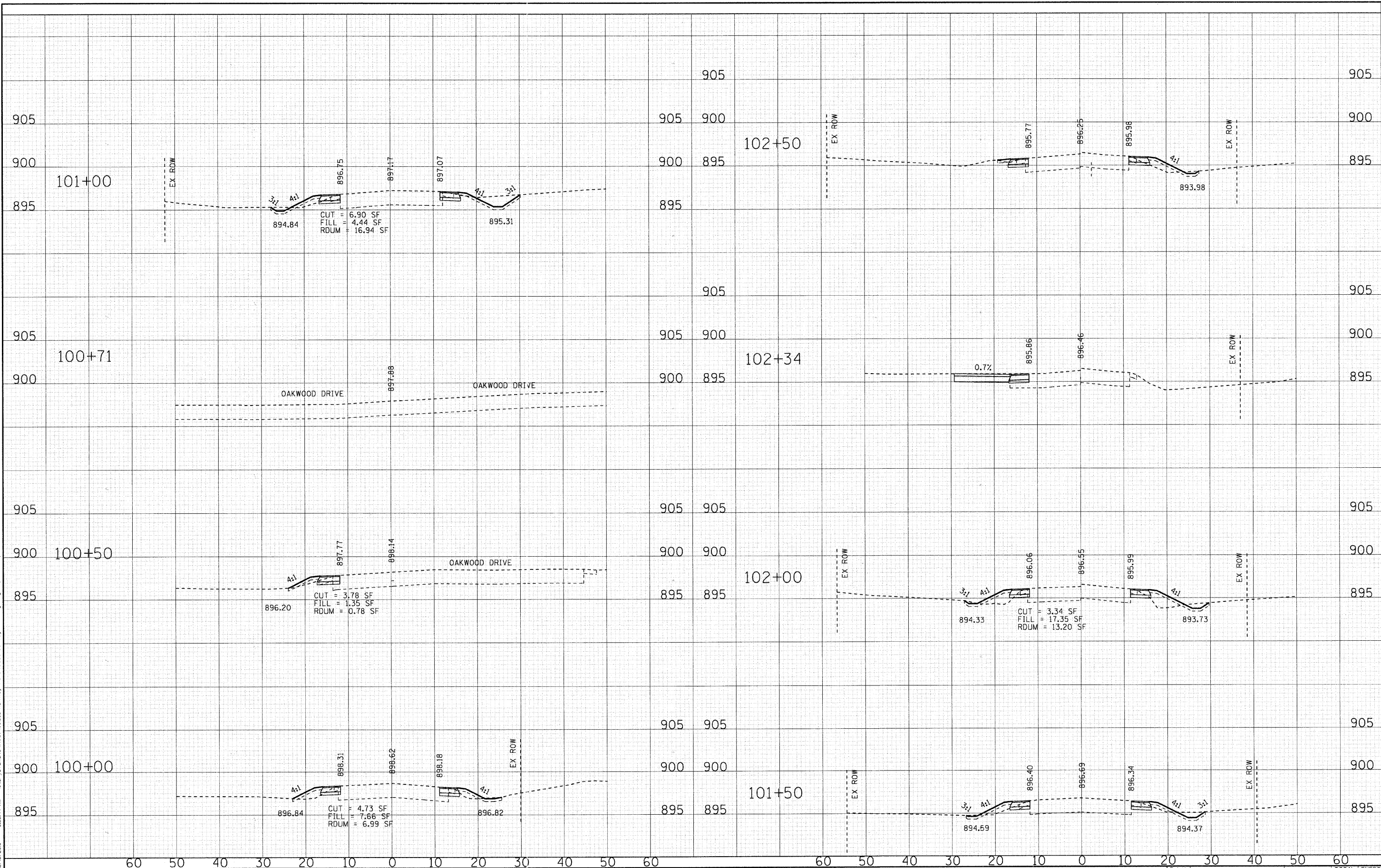
DESIGNED	- DSH	REVISED	-
DRAWN	- MAC	REVISED	-
CHECKED	- JUF	REVISED	-
DATE	- 12/16/10	REVISED	-

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

CROSS SECTIONS
HUNTLEY ROAD
 SCALE: H: 1"=10' V: 1"=5'
 STA. 97+24 TO STA. 99+85

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-00011-00-BT	MCHENRY	35	33
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 63545	
FED. AID PROJECT			CMM-9003628J	

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00128 - EXPIRES 4/30/2011
 12/16/2010 8:53:44 AM \\c:\projects\lakewood\091613-huntley\c2\c2\c2\survey\dwg\cross\hntley\c2\hntley-091613-ss.dwg

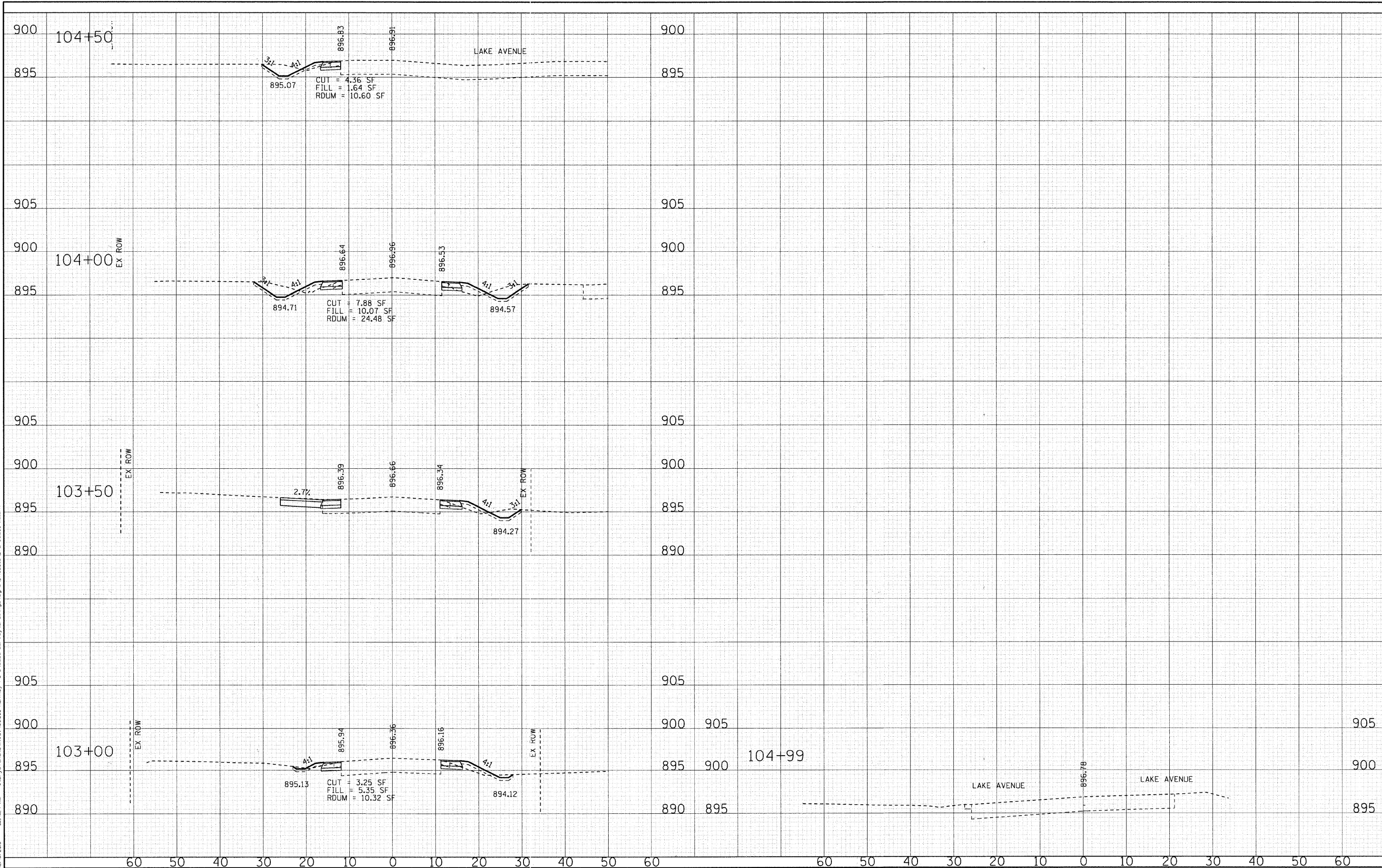


DESIGNED - DSH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - JJF	REVISED -
DATE - 12/16/10	REVISED -

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

SCALE: H: 1"=10' V: 1"=5'		STA. 100+00 TO STA. 102+50		F.A.U. RTE. 0118		SECTION 10-00011-00-BT		COUNTY MCHENRY		TOTAL SHEETS 35		SHEET NO. 34	
FED. ROAD DIST. NO. 1 ILLINOIS										CONTRACT NO. 63545		CMM-90036281	

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 018-000111-00-BT
 PROJECT NO. 10-000111-00-BT
 SHEET NO. 35 OF 35
 DATE: 12/16/10



DESIGNED - DSH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - JJF	REVISED -
DATE - 12/16/10	REVISED -

VILLAGE OF LAKEWOOD, ILLINOIS
HUNTLEY ROAD
BICYCLE TRAIL

CROSS SECTIONS
HUNTLEY ROAD
 SCALE: H: 1"=10' V: 1"=5'
 STA. 103+00 TO STA. 104+99

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0118	10-000111-00-BT	MCHENRY	35	35
FED. ROAD DIST. NO. 1 (ILLINOIS)			CONTRACT NO. 63545	
FED. AID PROJECT			CMM-900316291	