

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	1
FED. ROAD DIST. NO. 1		ILLINOIS	FED AID PROJECT CMM-9003 (680)	

CONTRACT NO. 63578

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF CRYSTAL LAKE, ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

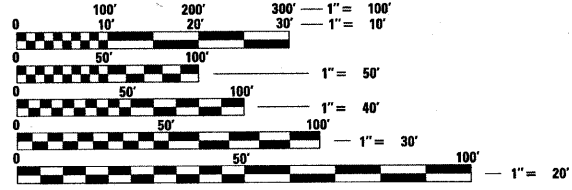
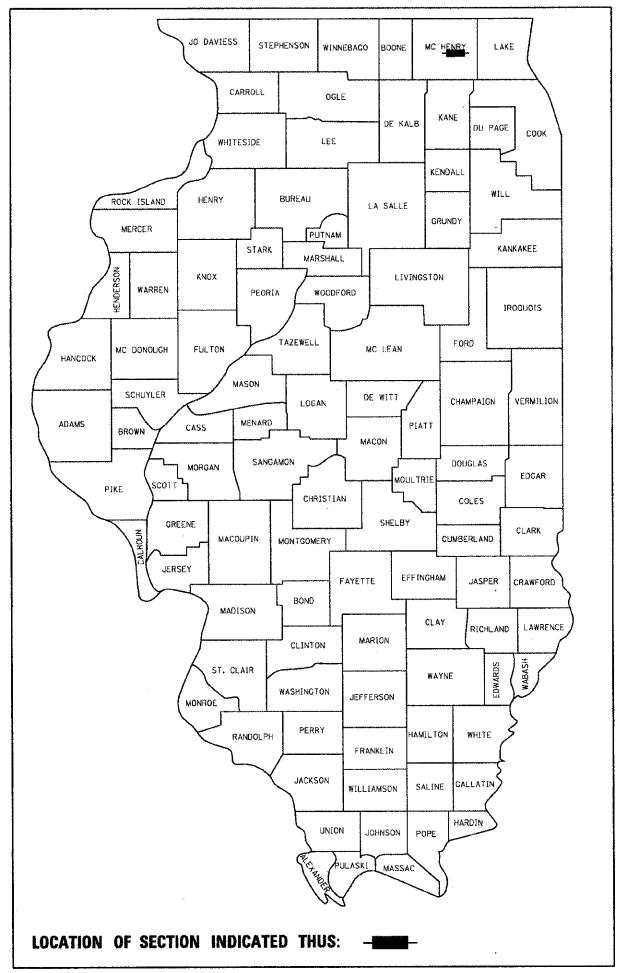
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

RIDGEFIELD TRACE EXTENSION
FROM FAU 0119 (OAK STREET) TO VETERANS ACRES PARK
BICYCLE PATH

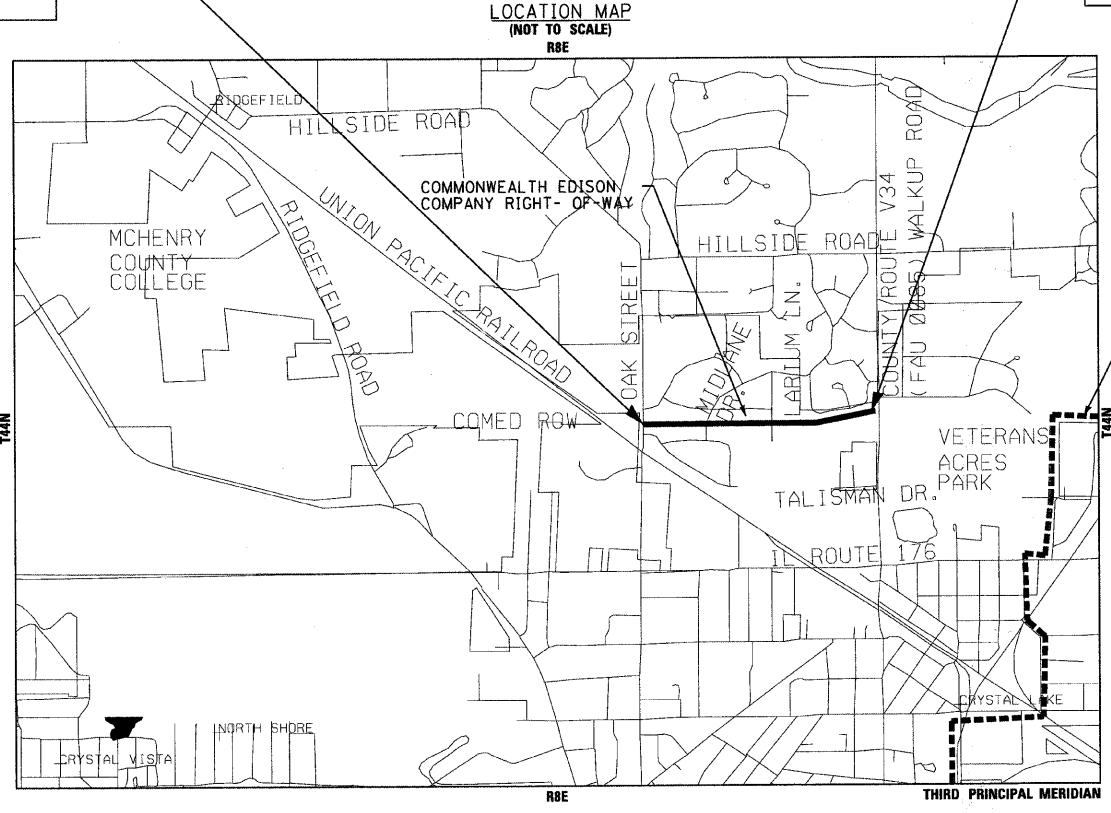
PROJECT NO: CMM-9003 (680)
SECTION NO: 00-C2000-03-BT
JOB NO: C-91-711-10
McHENRY COUNTY

PROJECT NO.:
CMM-9003 (680)
BEGIN IMPROVEMENTS
STA 415+77

PROJECT NO.:
CMM-9003 (680)
END IMPROVEMENTS
STA 496+34



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.



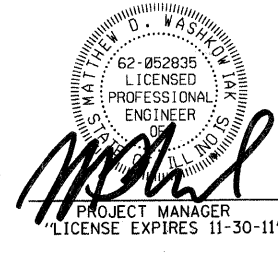
NUNDA TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 4,053 LF OR 0.768 MILES
NET LENGTH OF IMPROVEMENT = 4,053 LF OR 0.768 MILES

J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. X3560529/X3560532



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = McHENRY
CITY-TWNSHP. = NUNDA
SEC. & 1/4 SEC. NO. = 29,31,32
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 63578



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 3-31-11
AME. PETERSON
McHENRY COUNTY CONSERVATION DISTRICT, REPRESENTATIVE

PASSED APRIL 13, 2011
Chad Christopher
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW APRIL 14, 2011
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

COPYRIGHT © 2002 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00021 - EXPIRES 7/30/2012
 PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAUMBURG, IL
 V:\CAD\DRAWINGS\PROJECTS\090593.DWG VAP BY: CAD: SUBVEY\DRAWINGS\090593-COVER.dwg

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2-L, 2W, MORE THAN 4.5m (15') AWAY
701006-03	OFF-RD OPERATIONS, 2-L, 2W, 4.5m (15') TO 600mm (24") FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2-L, 2W, DAY ONLY, SHORT TERM OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-04	URBAN LANE CLOSURE, 2L 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS

COMMITMENTS

- SEPTIC LINES MAY BE LOCATED WITHIN THE COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY. IF ENCOUNTERED, ALL SEPTIC LINES SHALL BE REPAIRED, MAINTAINED AND PROTECTED.

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS AND HMA MIXTURE REQUIREMENTS
6	SCHEDULE OF QUANTITIES
7	OVERALL PLAN, SIGNAGE AND BENCHMARKS
8 - 16	PLAN AND PROFILE - COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY
17	EROSION AND SEDIMENT CONTROL NOTES AND MISCELLANEOUS DETAILS
18	MISCELLANEOUS DETAILS
19	DISTRICT 1 DETAIL - (TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
20	DISTRICT 1 DETAIL - (TC-13) TYPICAL PAVEMENT MARKINGS
21	DISTRICT 1 DETAIL - (TC-22) ARTERIAL ROAD INFORMATION SIGN
22 - 25	CROSS SECTIONS

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 04-00027 - EXPIRES 4/30/2013
 1001 W. WASHINGTON ST., SUITE 200, CHICAGO, IL 60606
 312.467.1000
 FAX 312.467.1001
 WWW.BAXTERANDWOODMAN.COM



USER NAME = 418cjo	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090593-GEN-NOTE.shx	DRAWN - RKM	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS

SCALE: NONE

STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	2
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT NO: CMM-9003 (680)		
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				

GENERAL NOTES

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 MCHENRY COUNTY CONSERVATION DISTRICT 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. 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.
4. THE CONTRACTOR SHALL NOTIFY THE MCHENRY COUNTY CONSERVATION DISTRICT (SARAH J. RUMMEL, ASLA - ASSOCIATE LANDSCAPE ARCHITECT II - 815-338-6223) AND THE CITY OF CRYSTAL LAKE (ERIK D. MORIMOTO, PE - CITY ENGINEER - 815-356-3615) AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
5. THE CONTRACTOR SHALL KEEP ALL ROADS FREE FROM CONSTRUCTION DEBRIS AT ALL TIMES. CONSTRUCTION DEBRIS REMOVAL SHALL BE INCLUDED IN THE EARTH EXCAVATION PAY ITEM.
6. THIS PROJECT WILL BE CONSTRUCTED IN THE COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY. COMMONWEALTH EDISON DOES NOT ALLOW STOCKPILING OF MATERIAL IN THEIR RIGHT OF WAY. SURPLUS MATERIALS RESULTING FROM CONSTRUCTION SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE MCHENRY COUNTY CONSERVATION DISTRICT, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE MCHENRY COUNTY CONSERVATION DISTRICT WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
7. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN WATER AS REQUIRED FOR CONSTRUCTION. THE USE OF CITY OF CRYSTAL LAKE FIRE HYDRANTS IS PROHIBITED.
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. ANY SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH THE HIGHWAY STANDARDS AND INCLUDED IN THE EARTH EXCAVATION PAY ITEM.
10. EXISTING PAVEMENT OR SIDEWALK 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 REMOVAL PAY ITEM.
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. PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES OR SIGN POSTS, 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 INCLUDED IN THE PROPOSED UTILITY CONSTRUCTION OR SIGN POST PAY ITEM.
13. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE MOBILIZATION PAY ITEM.
14. DAMAGED FIELD TILE SHALL BE REPAIRED WITH NEW PIPE OF SIMILAR SIZE AND MATERIAL AND CONNECTED TO THE EXISTING WITH COUPLINGS CONNECTIONS APPROVED BY THE ENGINEER. THE REPAIRED FIELD TILE GRADE SHALL MATCH THE GRADE PRIOR TO DISTURBANCE. A RECORD OF THE FIELD TILE LOCATION SHALL BE KEPT BY THE CONTRACTOR AND FURNISHED TO THE ENGINEER. THE COST OF EXTENDING OR REPAIRING EXISTING FIELD TILES SHALL BE INCLUDED IN THE COST OF THE PAY ITEM OF WORK WHICH CAUSED THE DAMAGE.
15. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER ACCEPTABLE METHOD. THE CONTRACTORS FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR THE CREATION OF UNSUITABLE MATERIALS. THIS WORK SHALL BE INCLUDED IN THE EARTH EXCAVATION PAY ITEM.
16. LINE AND GRADE STAKES SHALL BE SUPPLIED BY THE CONTRACTOR TO THE ENGINEER. SUPPLYING LINE AND GRADES WILL BE INCLUDED IN THE EARTH EXCAVATION PAY ITEM. LINE AND GRADE STAKES WILL BE SET ONE TIME BY THE ENGINEER. CONTRACTORS SHALL NOTIFY THE ENGINEER THAT STAKES WILL BE NEEDED AT LEAST 3 WORKING DAYS IN ADVANCE OF STARTING THEIR WORK (ADDITIONAL NOTIFICATION SHALL BE PROVIDED PRIOR TO THE START OF INITIAL PROJECT CONSTRUCTION OPERATIONS). ANY REQUIRED RESTAKING WILL BE PERFORMED BY THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR REQUIRING THE RESTAKING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT STAKES PROVIDED FOR THEIR USE AND TO REPORT TO THE DISTRICT ANY SPECIFIC INSTANCES OF DAMAGED OR ALTERED STAKES AND/OR MONUMENTS PROVIDED.
17. THE CONTRACTOR SHALL MAINTAIN A LEGIBLE RECORD ON A SET OF CONSTRUCTION PLANS SO THAT ALL DRAINAGE SYSTEMS ETC. CAN BE LOCATED IN THE FIELD IN A MANNER ACCEPTABLE TO THE MCHENRY COUNTY CONSERVATION DISTRICT AND THE CITY OF CRYSTAL LAKE. FINAL CONTRACT PAYMENT SHALL NOT COME DUE UNTIL THIS INFORMATION IS RECEIVED BY THE ENGINEER.
18. STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE APPROVED BY THE ENGINEER. STORAGE OF CONSTRUCTION MATERIALS AND EQUIPMENT IS NOT PERMITTED IN MCHENRY COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY.
19. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
20. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
21. ALL POSTS, RAILROAD TIES, DECORATIVE TIMBER AND DECORATIVE GARDEN MATERIALS 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.
22. THE PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY. THE AGGREGATE PRIME COAT APPLICATION RATE SHALL BE 4 LB/SY.
23. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL CHARGE.
24. PORTLAND CEMENT CONCRETE SHALL BE THICKENED TO 8-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.
25. DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A PRE-CAST 'UNILOCK PAVER' 12"x12" NOMINAL PANEL SIZE AS MANUFACTURED BY 'UNILOCK, INC.' (CONTACT JAY RIENTS (630) 327-7530 OR BRAD PUNKE (630) 892-9191 EXT 253, OF AURORA, ILLINOIS) OR APPROVED EQUAL. THE PAVER SHALL BE A 12x12 ADA PAVER 7 CM AND COMPLY WITH ADA REQUIREMENTS. THE DOMES LOCATED ON THE PAVER SHALL PARALLEL THE PAVEMENT CROSS WALK WITH THE CLOSEST EDGE LOCATED AT THE BACK OF CURB. THE PAVER COLOR IS PROPOSED TO BE RED, BUT SHALL ULTIMATELY BE SELECTED BY THE ENGINEER. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
26. THE CONTRACTOR WILL ONLY BE ALLOWED TO REMOVE AND REPLACE CURB AND GUTTER ON ONE SIDE OF THE ROAD AT A TIME TO MINIMIZE CONGESTION. REPLACEMENT MUST BE COMPLETE ON ONE SIDE OF THE ROAD BEFORE THE CONTRACTOR IS ALLOWED TO BEGIN REMOVING CURB AND GUTTER ON THE OTHER SIDE OF THE ROAD.
27. CURB AND GUTTER AND DRIVEWAYS PROVIDING ACCESS SHALL BE REMOVED AND REPLACED WITHIN 3 DAYS.
28. ALL PAVEMENT MARKING LOCATIONS SHALL BE IDENTIFIED AND OUTLINED BY THE CONTRACTOR WITH TEMPORARY PAINT OR OTHER NON-PERMANENT MARKING METHOD APPROVED BY THE ENGINEER. ALL LOCATIONS SHALL BE APPROVED BY THE ENGINEER, PRIOR TO PAVEMENT MARKING INSTALLATION. THE USE OF STENCIL(S) SHALL BE USED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. FURNISHING AND UTILIZING THE STENCIL(S) SHALL BE INCLUDED IN THE APPLICABLE PAVEMENT MARKING PAY ITEM.
29. PAINT PAVEMENT MARKING SHALL BE INSTALLED WITH 'HOTLINE FAST DRY WATERBORNE' PAVEMENT MARKING PAINT, PRODUCT NUMBER TM2302 OR TM2303, (AS MANUFACTURED BY 'THE SHERMAN-WILLIAMS COMPANY', CONTACT JOSEPH E. TURKOC, PAVEMENT MARKING GROUP (800) 368-2026 OR (216) 344-5617), OR APPROVED EQUAL. THE PAINT PAVEMENT MARKING SHALL BE IDOT APPROVED. THE PAINT COLOR SHALL BE WHITE (TM2302) FOR STOP BARS AND LETTERING AND SYMBOLS OR LEAD FREE YELLOW (TM2303) FOR CENTERLINES. ALL PAVEMENT MARKING LOCATIONS SHALL BE IDENTIFIED AND OUTLINED BY THE CONTRACTOR WITH TEMPORARY PAINT OR OTHER NON-PERMANENT MARKING METHOD APPROVED BY THE ENGINEER. ALL LOCATIONS SHALL BE APPROVED BY THE ENGINEER, PRIOR TO PAVEMENT MARKING INSTALLATION. THE USE OF STENCIL(S) SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. FURNISHING AND UTILIZING THE STENCIL(S) SHALL BE INCLUDED IN THE APPLICABLE PAVEMENT MARKING PAY ITEM. PAINT PAVEMENT MARKING INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
30. SIGN SUPPORT HARDWARE SHALL BE TELESAR 3' OMNI-DIRECTIONAL ANCHORS, 10' 2" SQUARE POSTS AND DRIVE RIVETS AS MANUFACTURED BY TELESAR, CONTACT DALE EVANS - GRIFFIN SUPPLY - 800-759-0879 WHEN ATTACHING SIGNS TO TELESCOPING STEEL SIGN SUPPORTS. SIGN SUPPORT HARDWARE SHALL BE INCLUDED IN THE SIGN PANEL - TYPE 1 AND TELESCOPING STEEL SIGN SUPPORT PAY ITEMS.

DRAWN BY: BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL ENGINEER
 LICENSE NO. 184-00081 - EXPIRES 4/30/2013
 4/13/2011 9:56:40 PM
 ...:\projects\110722\110722.dwg
 ...:\CAD\11-SURVEY\11-DIST\090593.dwg
 I:\projects\110722\110722.dwg



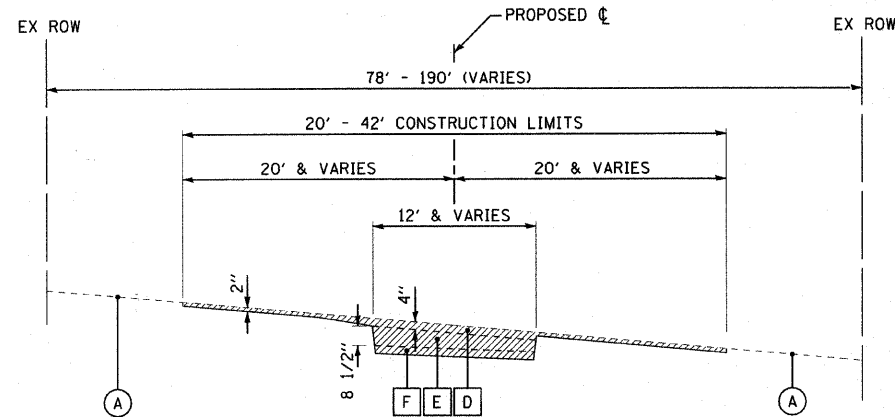
USER NAME = 522-rkm	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090593-GEN-NOTE.dwg	DRAWN - RKM	REVISED - PER IDOT 4/11/11
PLOT DATE = 4/13/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

**MCHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH**

GENERAL NOTES

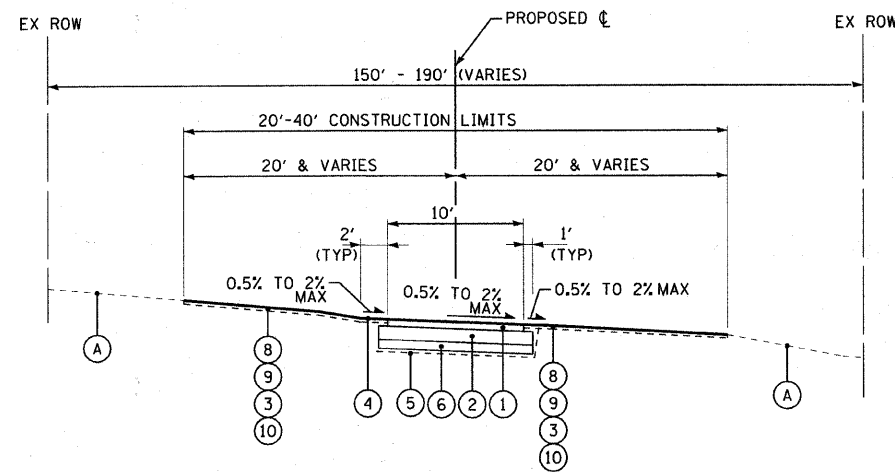
SCALE: NONE STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	MCHENRY	25	3
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT NO: CMM-9003 (680)		



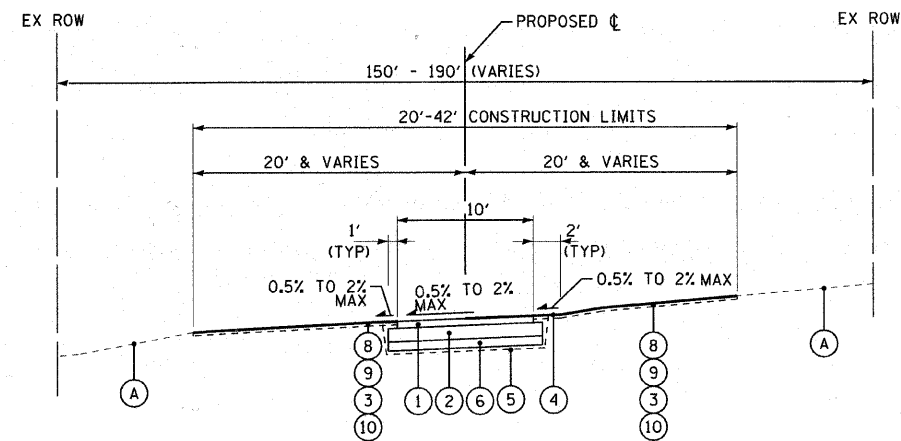
EXISTING TYPICAL SECTION

STA 415+77 TO STA 496+34
NOT TO SCALE



PROPOSED TYPICAL SECTION

STA 415+77 TO STA 433+89
STA 471+50 TO STA 472+50
STA 494+50 TO STA 496+34
NOT TO SCALE



PROPOSED TYPICAL SECTION

STA 433+89 TO STA 471+50
STA 472+50 TO STA 494+50
NOT TO SCALE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
BICYCLE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, IL 9.5 mm; 2 1/2"	4% @ 50 Gyr.

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

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

EXISTING LEGEND

- (A) EXISTING GROUND
- (B) EXISTING PAVEMENT
- (C) CURB AND GUTTER
- (D) TOPSOIL EXCAVATION AND PLACEMENT (4" ASSUMED THICKNESS)
- (E) EARTH EXCAVATION
- (F) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (UNDERCUT) (6-INCH MAXIMUM DEPTH)
- ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50, 2 1/2"
- (2) AGGREGATE BASE COURSE, TYPE B 6"
- (3) TOPSOIL EXCAVATION AND PLACEMENT
- (4) EARTH SHOULDER (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
- (5) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (6) POROUS GRANULAR EMBANKMENT, SUBGRADE (6-INCH MAXIMUM DEPTH)
- (7) NOT USED
- (8) HEAVY DUTY EROSION CONTROL BLANKET (NA GREEN 575BN)
- (9) SEEDING, CLASS 2
- (10) TEMPORARY EROSION CONTROL SEEDING

•• A QUANTITY OF 950 CUBIC YARDS OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES FOR BIDDING PURPOSES. THE ACTUAL NEED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND POROUS GRANULAR EMBANKMENT, SUBGRADE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF PROOF ROLLING OR A CONE PETROMETER IN CONJUNCTION WITH IDOT SUBGRADE STABILITY MANUAL). IF UNSUITABLE SOILS ARE ENCOUNTERED, THE SOIL SHALL BE REMOVED TO A MAXIMUM OF 6-INCHES AND REPLACED WITH A MAXIMUM OF 6-INCHES OF POROUS GRANULAR EMBANKMENT, SUBGRADE. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITIES FOR THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND POROUS GRANULAR EMBANKMENT, SUBGRADE QUANTITIES SHALL BE REDUCED. NO ADJUSTMENT IN UNIT PRICE SHALL BE MADE FOR REDUCED QUANTITIES.

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC. ...
 LICENSE NO. 184-00072-EXPRES 4/30/2011
 48CJC



USER NAME = 418cjp	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090513-TYP.dwg	DRAWN - RKM	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS
 SCALE: NONE STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	5
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO: CUM-9003 (680)				
McHENRY COUNTY CONSERVATION DISTRICT BID *0311.09.01				

EARTHWORK SCHEDULE

STATION	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	POROUS GRANULAR EMBANKMENT, SUBGRADE (UNDERCUT) (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) SHORTAGE (-) (CU YD)
415+77 TO 416+35	25	36	36	5	5	-	5
416+35 TO 433+72	251	162	162	182	155	-	155
433+72 TO 471+93	611	404	404	418	356	-	356
471+93 TO 496+34	518	348	348	385	328	6	322
TOTALS	1,405	950	950	990	844	6	838

NOTES:

- 15% SHRINKAGE FACTOR USED
- ASSUMED 2" TOPSOIL EXCAVATION BEYOND AGGREGATE BASE COURSE AND 4 INCHES WITHIN AGGREGATE BASE COURSE
- ANY POROUS GRANULAR EMBANKMENT, SUBGRADE AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR GROUND STABILIZATION NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.

SUMMARY			
20200100	20201200	21101505	Z0042002
EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)
990	950	1,405	950

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC. ...
 LICENSE NO. 184-00127 - EXPIRES 4/30/2013
 3/31/2011 10:46:06 PM

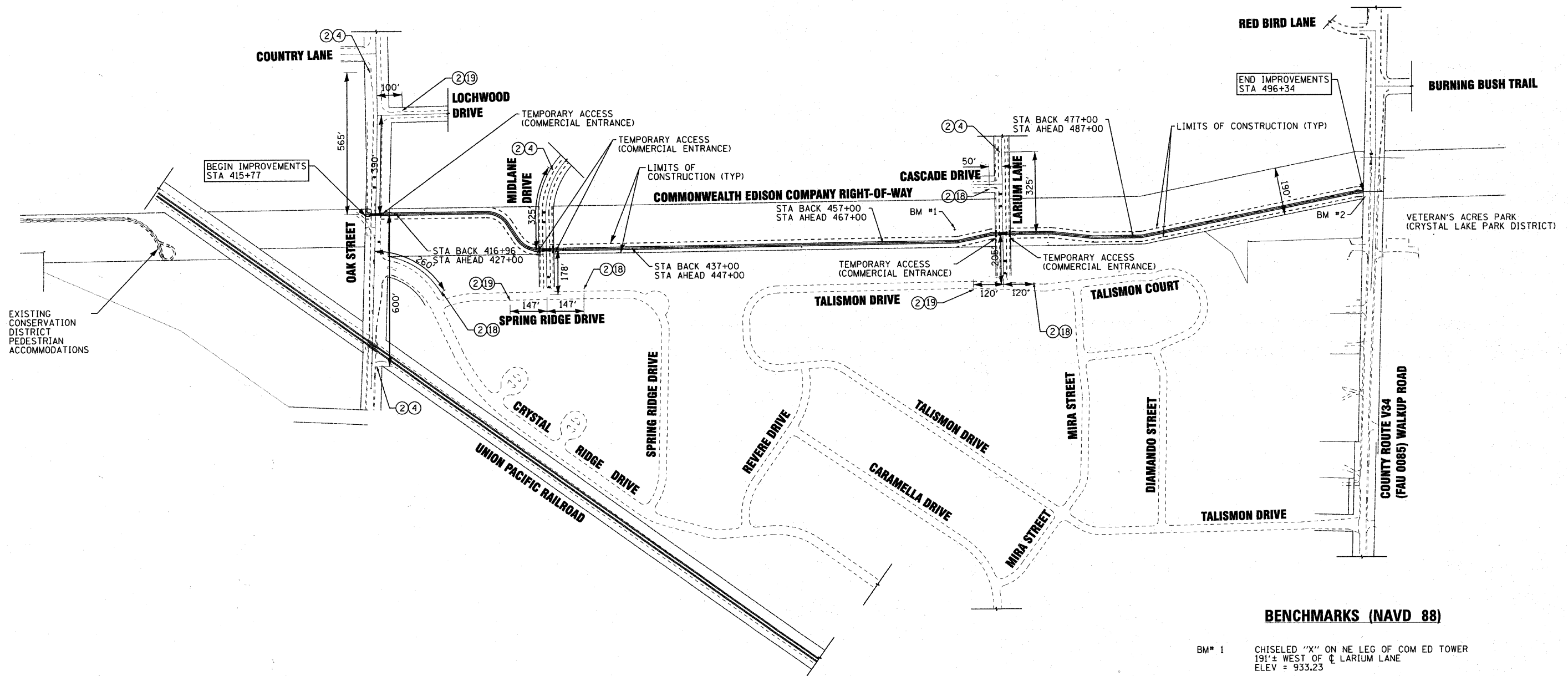
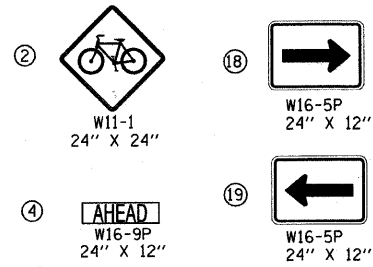


USER NAME = 418e.jc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = @90593-S00.dwg	DRAWN - RKM	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

SCHEDULE OF QUANTITIES	
SCALE:	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	6
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT NO: CMM-9003 (680)		



BENCHMARKS (NAVD 88)

- BM# 1 CHISELED "X" ON NE LEG OF COM ED TOWER
191'± WEST OF C LARIUM LANE
ELEV = 933.23
- BM# 2 NORTHEAST BONNET BOLT ON FIRE HYDRANT
42'± WEST OF C WALKUP ROAD ON SOUTH COM ED ROW
ELEV = 926.16

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF BAXTER & WOODMAN, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BAXTER & WOODMAN, INC.
 PROJECT: McHENRY COUNTY CONSERVATION DISTRICT RIDGEFIELD TRACE EXTENSION BICYCLE PATH
 DRAWING: OVERALL PLAN, SIGNAGE AND BENCHMARKS
 DATE: 3/31/2011



USER NAME = 418eja	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090593-OVERALL_LAYOUT.dwg	DRAWN - RKM	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

OVERALL PLAN, SIGNAGE AND BENCHMARKS
 SCALE: 1" = 200'
 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	7
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT NO: CMM-9003 (680)		
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				

SIGN LEGEND

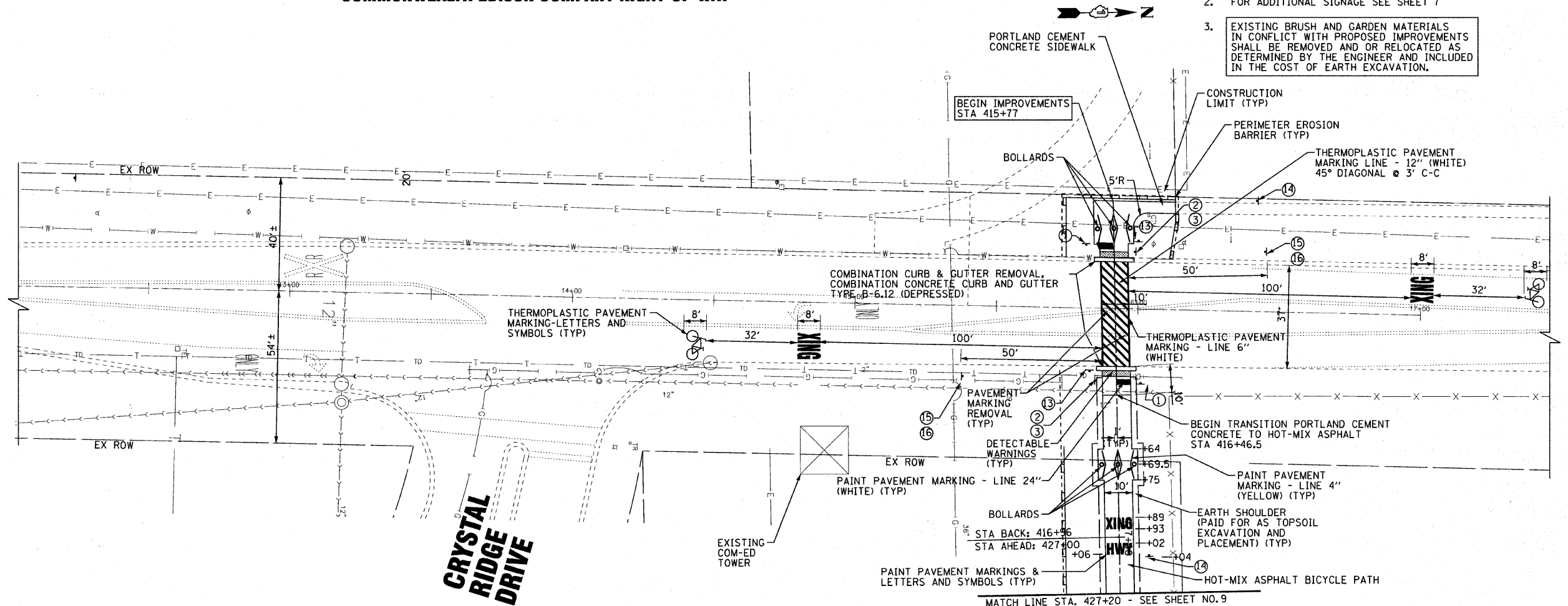
FOR ADDITIONAL SIGNAGE SEE SHEET 7

- ① STOP
R1-1
24" X 24"
- ②
W11-1
24" X 24"
- ③
W16-7PL
24" X 12"
- ⑬ NO MOTOR VEHICLES
R5-3
24" X 24"
- ⑭
W2-1
24" X 24"
- ⑮
BIKE ROUTE
D11-1
24" X 18"
- ⑯
M6-4
12" X 9"

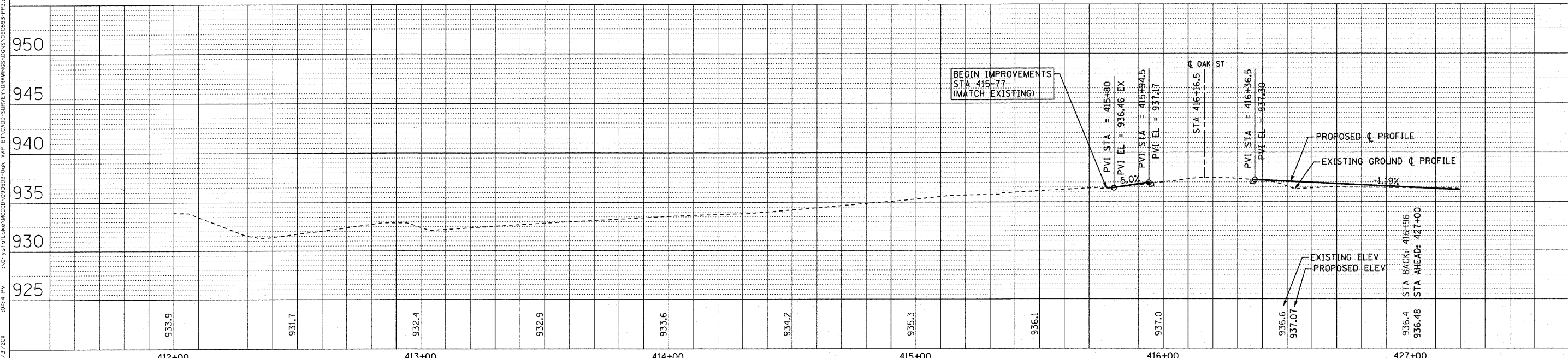
COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY

NOTES:

1. ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
2. FOR ADDITIONAL SIGNAGE SEE SHEET 7
3. EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.

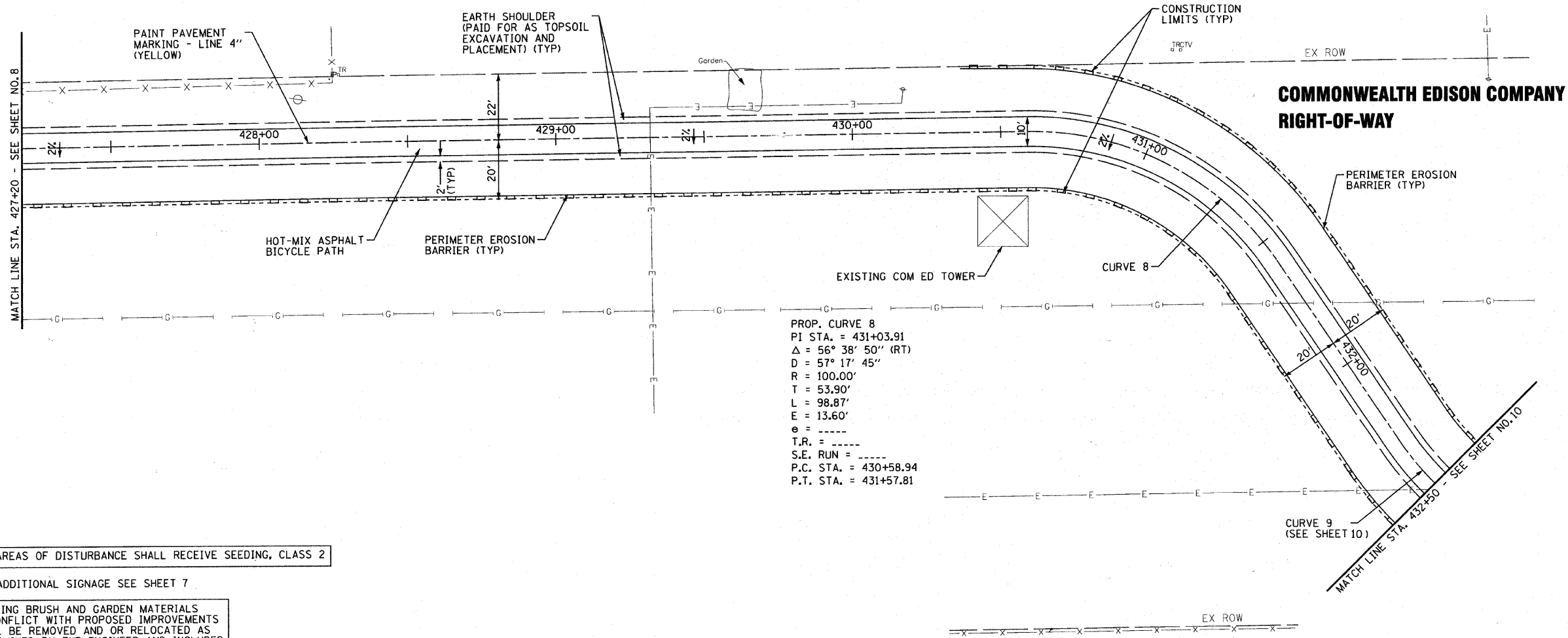


OAK STREET



COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 5115 N. ILLINOIS STREET, CHICAGO, IL 60630
 312.467.1000 FAX 312.467.1001
 WWW.BAXTERANDWOODMAN.COM
 3/21/2011

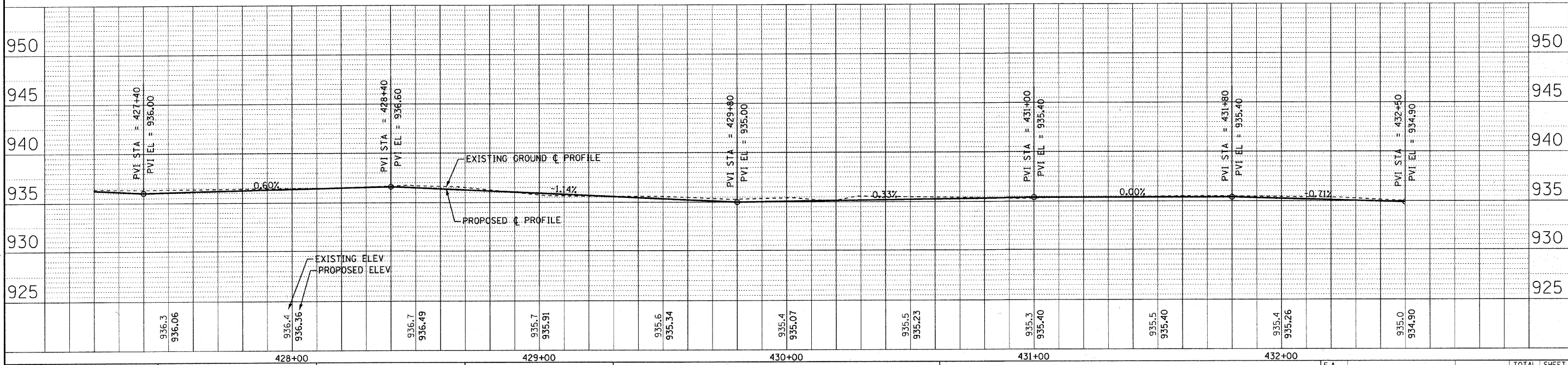
	USER NAME = 418c_jc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11	McHENRY COUNTY CONSERVATION DISTRICT RIDGEFIELD TRACE EXTENSION BICYCLE PATH	PLAN AND PROFILE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 092693-PP3.aht	CHECKED - MDW	REVISED -			N/A	00-C2000-03-BT	McHENRY	25	8
	PLOT DATE = 3/31/2011	DATE = 1/26/11	REVISED -			JOB NO: C-91-711-10	CONTRACT NO. 63578			
						SCALE: 1" = 20'		STA. 411+80 TO STA. 427+20		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO. CMM-9003 (6801)
						McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				



PROP. CURVE 8
PI STA. = 431+03.91
 Δ = 56° 38' 50" (RT)
D = 57° 17' 45"
R = 100.00'
T = 53.90'
L = 98.87'
E = 13.60'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 430+58.94
P.T. STA. = 431+57.81

NOTES:

- ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
- FOR ADDITIONAL SIGNAGE SEE SHEET 7
- EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.



USER NAME = 418ejc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 098593-PP4.dwg	DRAWN - RKM/CJC	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

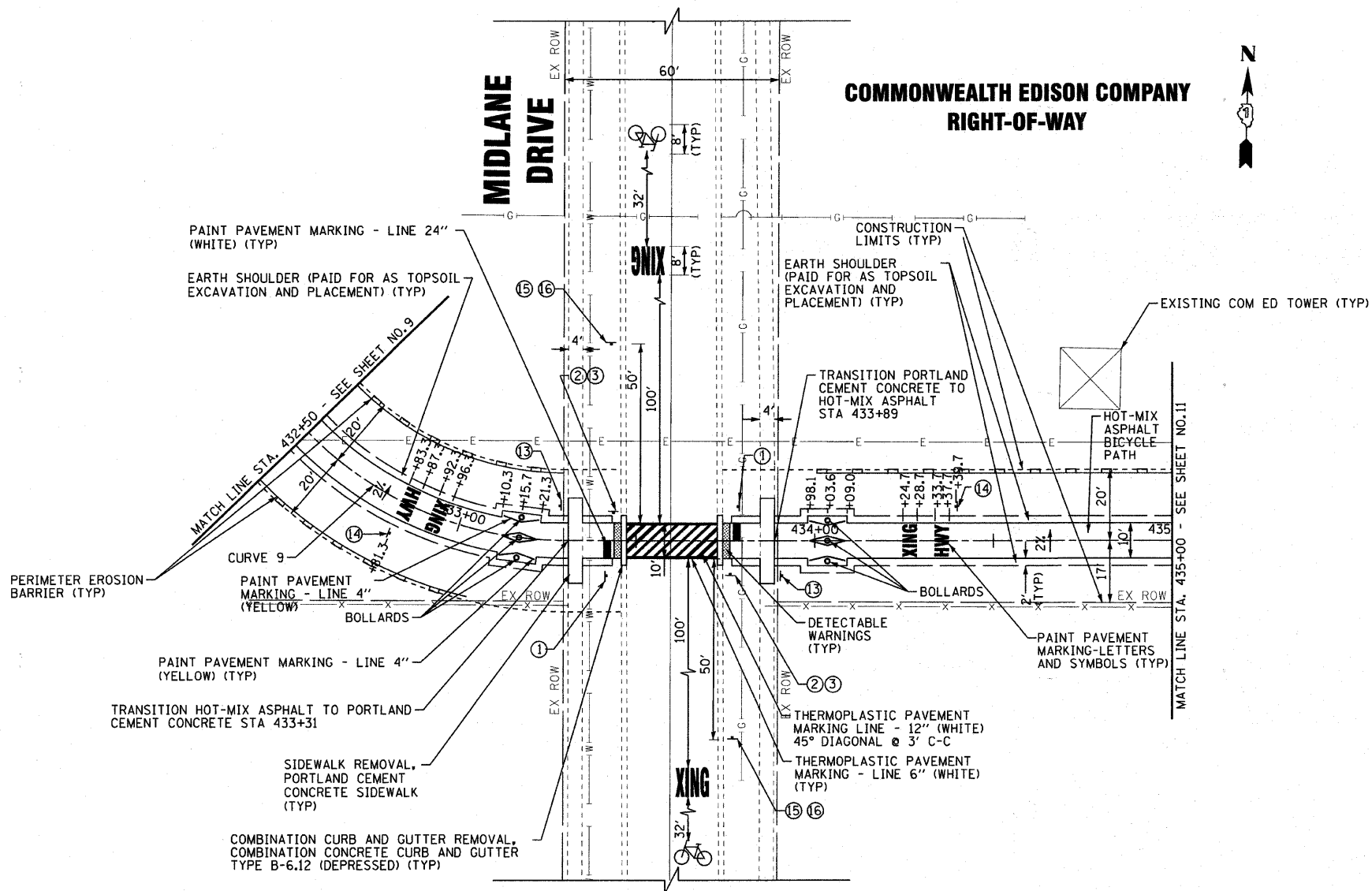
**McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH**

PLAN AND PROFILE
SCALE: 1" = 20'
STA. 427+20 TO STA. 432+50

F.A. RTE. N/A	SECTION 00-C2000-03-BT	COUNTY McHENRY	TOTAL SHEETS 25	SHEET NO. 9
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO. CUM-9003 (680) McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				

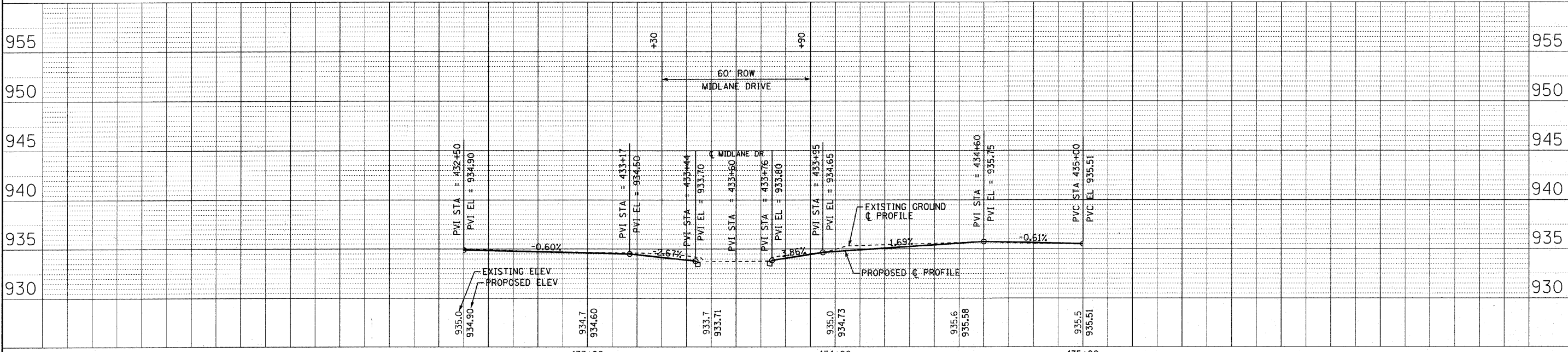
COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
No. 002-08943-00 Exp. 12/31/2011
No. 002-08943-00 Exp. 12/31/2011
No. 002-08943-00 Exp. 12/31/2011

PROP. CURVE 9
 PI STA. = 432+84.69
 Δ = 56° 38' 50" (LT)
 D = 57° 17' 45"
 R = 100.00'
 T = 53.90'
 L = 98.87'
 E = 13.60'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 432+30.79
 P.T. STA. = 433+29.66



- SIGN LEGEND**
 FOR ADDITIONAL SIGNAGE SEE SHEET 7
- ① STOP R1-1 24" X 24"
 - ② BICYCLE W11-1 24" X 24"
 - ③ W16-7PL 24" X 12"
 - ⑬ NO MOTOR VEHICLES R5-3 24" X 24"
 - ⑭ W2-1 24" X 24"
 - ⑮ BIKE ROUTE D11-1 24" X 18"
 - ⑯ M6-4 12" X 9"

- NOTES:**
- ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
 - FOR ADDITIONAL SIGNAGE SEE SHEET 7
 - EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.



COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 001-000000000000000000
 4/18/11



USER NAME = 418a_jc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090693-PPS.dwg	DRAWN - RKM/CJC	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

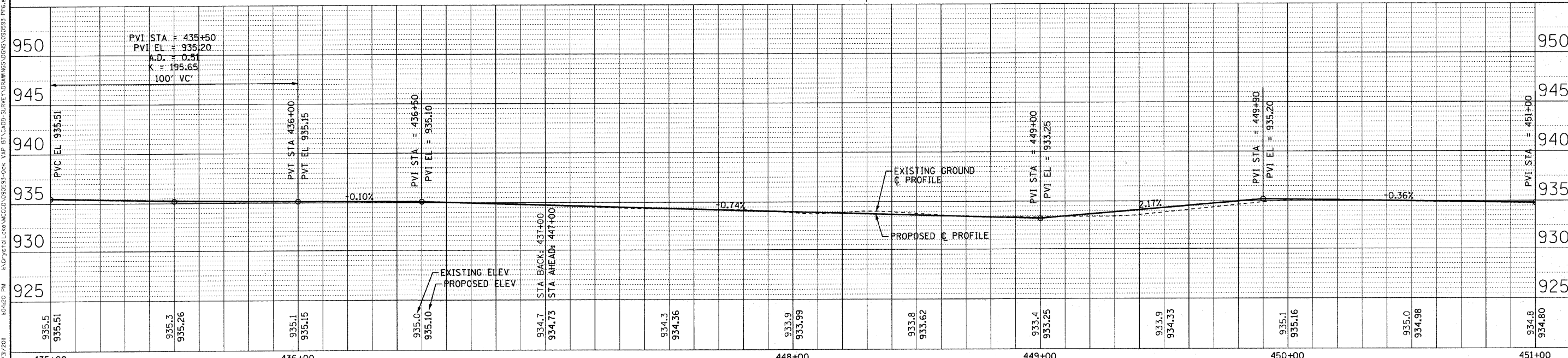
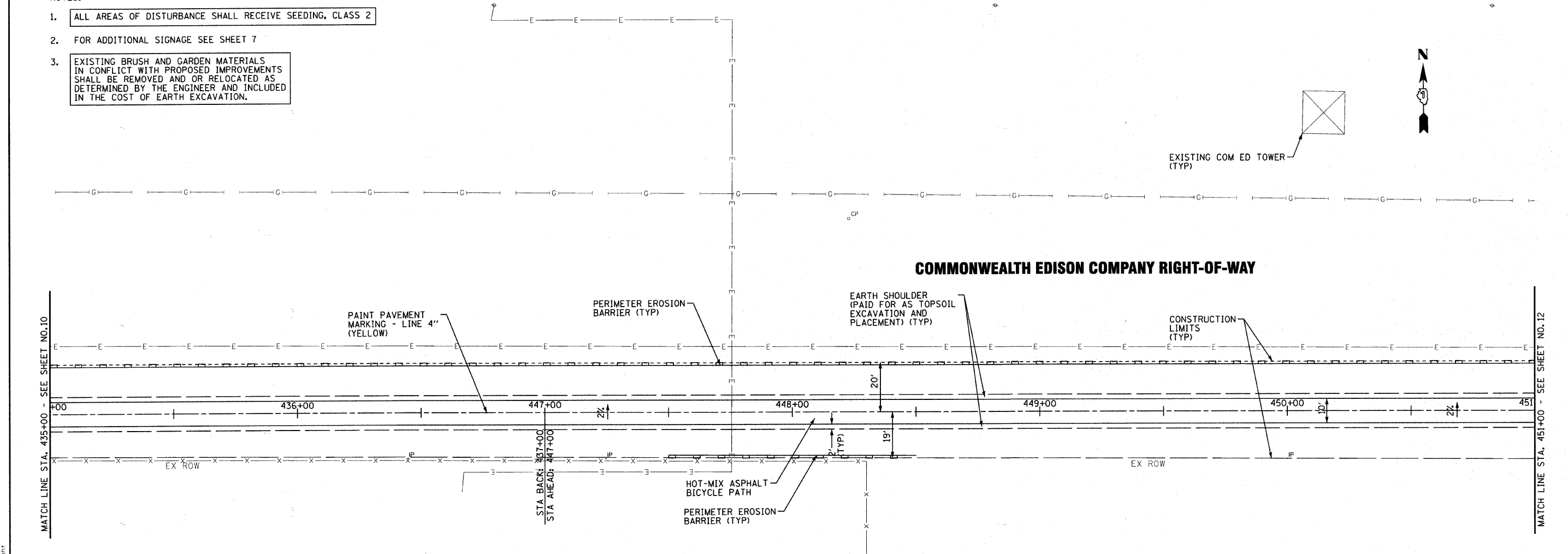
McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

PLAN AND PROFILE
 SCALE: 1" = 20'
 STA. 432+50 TO STA. 435+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	10
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT NO. CMM-9003 (680)		

NOTES:

1. ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
2. FOR ADDITIONAL SIGNAGE SEE SHEET 7
3. EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.



WOODMAN
Civil Engineering

USER NAME = 418cjc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090593-PP6.aht	DRAWN - RKM/CJC	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

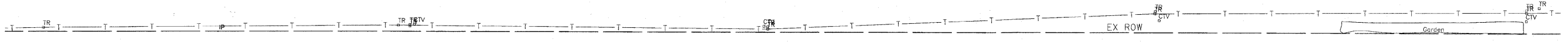
McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

PLAN AND PROFILE
SCALE: 1" = 20'
STA. 435+00 TO STA. 451+00

F.A. RTE. N/A	SECTION 00-C2000-03-BT	COUNTY McHENRY	TOTAL SHEETS 25	SHEET NO. 11
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO: CMM-9003 (6801)				

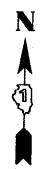
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS
 PROFESSIONAL DESIGN FIRM
 NO. 184-044637
 EXPIRES 10/31/2011
 486310
 V:\Projects\090593\PP6\PP6.plt

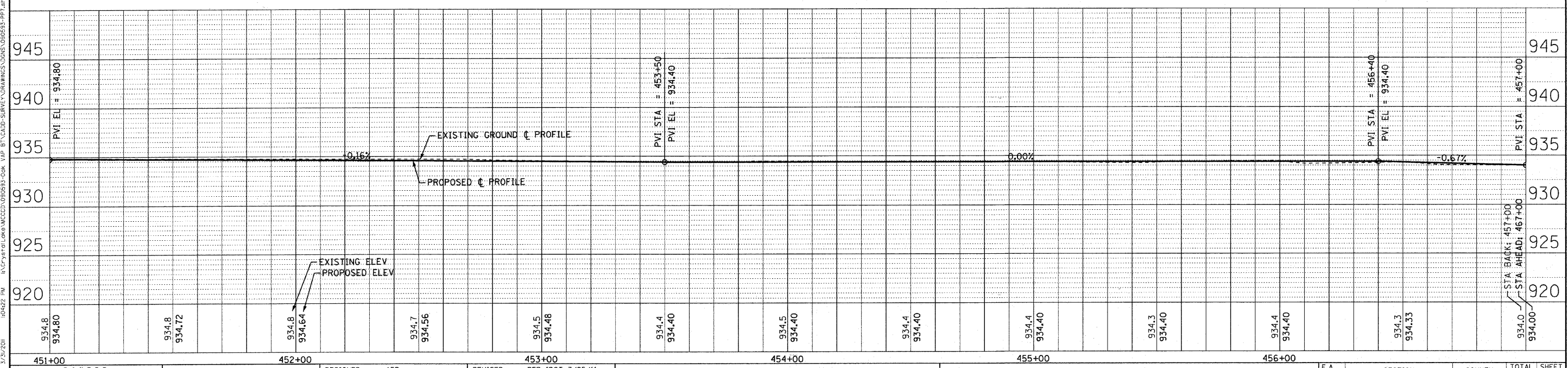
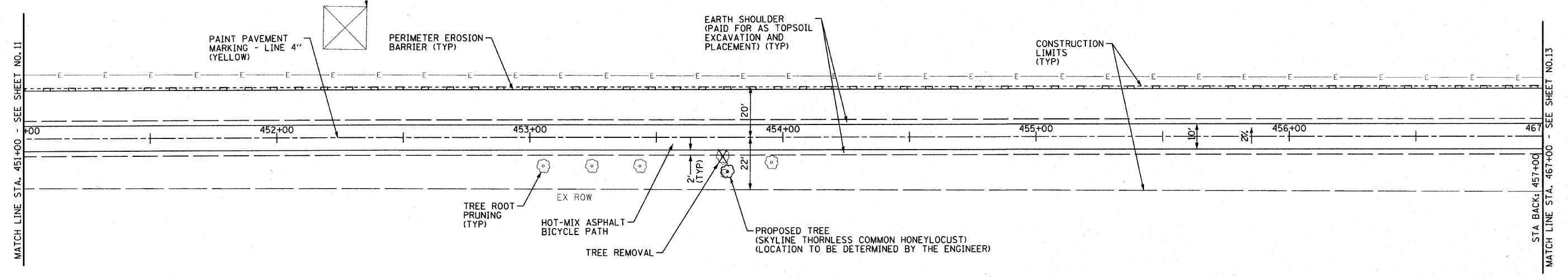


NOTES:

1. ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
2. FOR ADDITIONAL SIGNAGE SEE SHEET 7
3. EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.



COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY



COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 087-070-0001
 DATE: 3/21/2011
 FILE: B90593-PP7.dwg
 PLOT DATE: 3/31/2011



USER NAME = 418c_jc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = B90593-PP7.dwg	DRAWN - RKM/CJC	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

**McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH**

PLAN AND PROFILE
SCALE: 1" = 20'
STA. 451+00 TO STA. 467+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	12
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO. CM-9003 (680)				

McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01

SIGN LEGEND

FOR ADDITIONAL SIGNAGE SEE SHEET 7

- ① RI-1
24" X 24"
- ② W11-1
24" X 24"
- ③ W16-7PL
24" X 12"
- ④ RS
24" X 24"
(BROWN WITH WHITE LETTERS)
- ⑤ M6-1
24" X 12"
(BROWN WITH WHITE LETTERS)
- ⑥ M6-1a
24" X 12"
(BROWN WITH WHITE LETTERS)
- ⑦ R5-3
24" X 24"
- ⑧ W2-1
24" X 24"
- ⑨ D11-1
24" X 18"
- ⑩ M6-4
12" X 9"

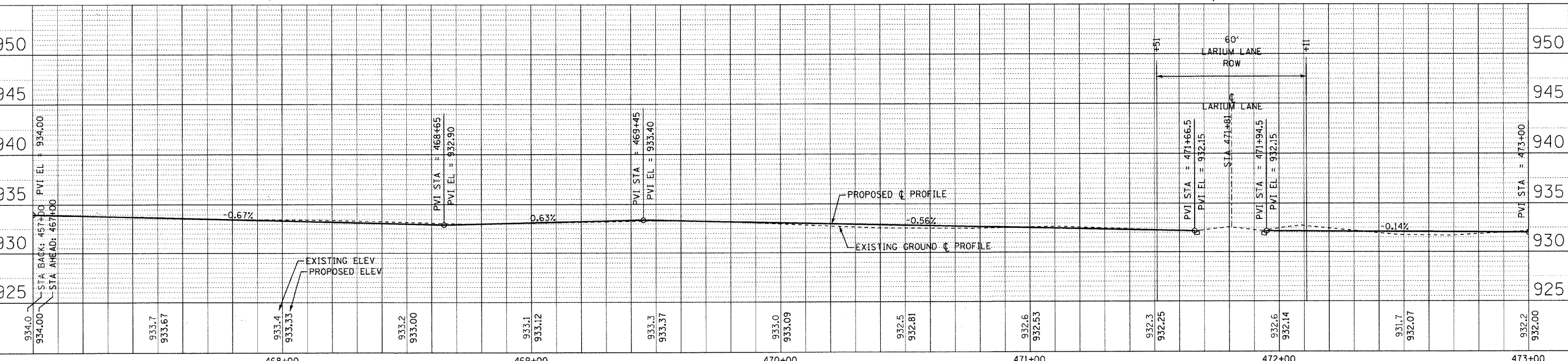
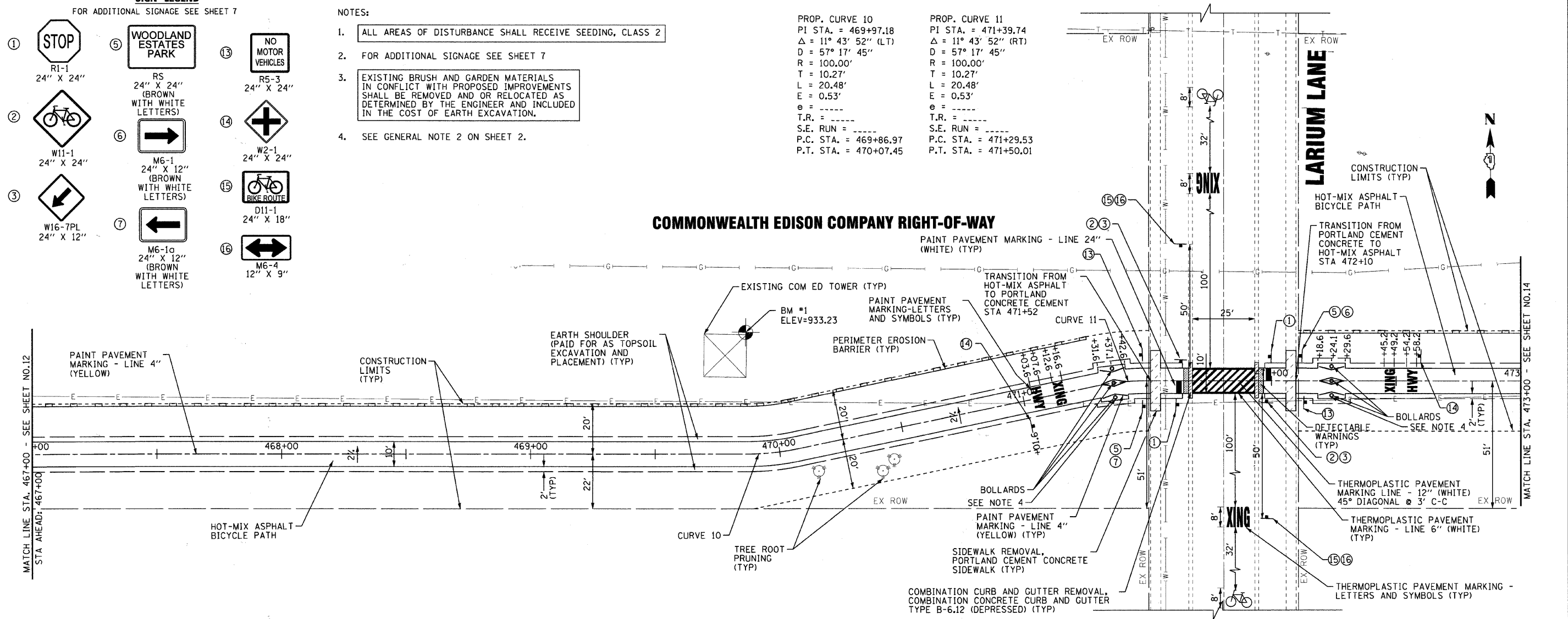
NOTES:

1. ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
2. FOR ADDITIONAL SIGNAGE SEE SHEET 7
3. EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.
4. SEE GENERAL NOTE 2 ON SHEET 2.

PROP. CURVE 10
PI STA. = 469+97.18
Δ = 11° 43' 52" (LT)
D = 57° 17' 45"
R = 100.00'
T = 10.27'
L = 20.48'
E = 0.53'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 469+86.97
P.T. STA. = 470+07.45

PROP. CURVE 11
PI STA. = 471+39.74
Δ = 11° 43' 52" (RT)
D = 57° 17' 45"
R = 100.00'
T = 10.27'
L = 20.48'
E = 0.53'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 471+29.53
P.T. STA. = 471+50.01

COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY



USER NAME = 522rkm	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 092593-PPB.sht	DRAWN - RKM/CJC	REVISED - PER IDOT 4/11/11
PLDT DATE = 4/13/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

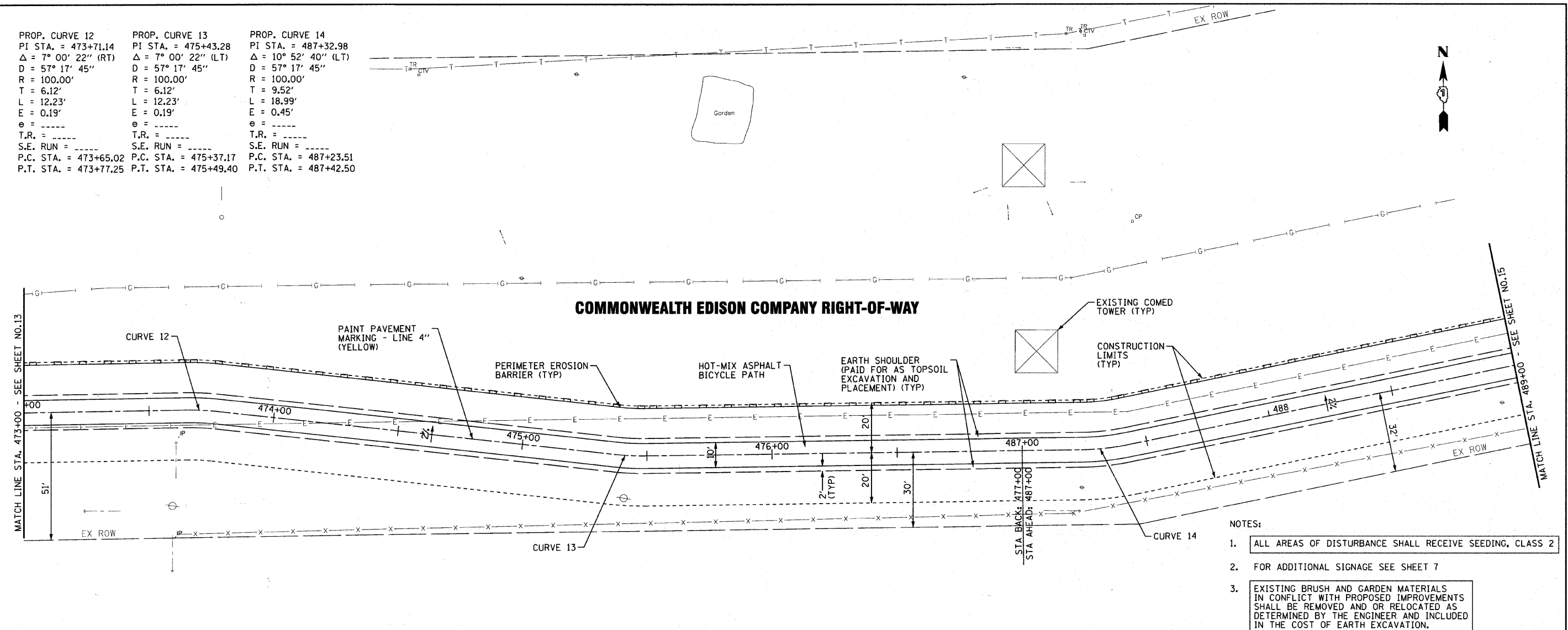
McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

PLAN AND PROFILE
SCALE: 1" = 20'
STA. 467+00 TO STA. 473+00

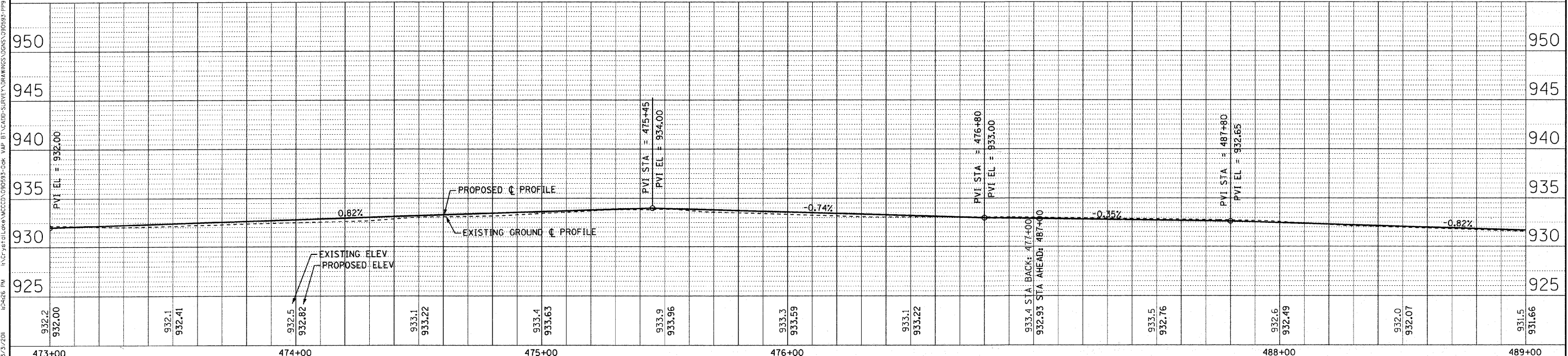
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	13
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS; FED. AID PROJECT NO: CMM-9003 (680)				

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 ALL RIGHTS RESERVED.
 LICENSE NO. 00-00001-EXPIRES 4/30/2013
 4/13/2011

PROP. CURVE 12 PI STA. = 473+71.14 Δ = 7° 00' 22" (RT) D = 57° 17' 45" R = 100.00' T = 6.12' L = 12.23' E = 0.19'	PROP. CURVE 13 PI STA. = 475+43.28 Δ = 7° 00' 22" (LT) D = 57° 17' 45" R = 100.00' T = 6.12' L = 12.23' E = 0.19'	PROP. CURVE 14 PI STA. = 487+32.98 Δ = 10° 52' 40" (LT) D = 57° 17' 45" R = 100.00' T = 9.52' L = 18.99' E = 0.45'
T.R. = ----- S.E. RUN = ----- P.C. STA. = 473+65.02 P.T. STA. = 473+77.25	T.R. = ----- S.E. RUN = ----- P.C. STA. = 475+37.17 P.T. STA. = 475+49.40	T.R. = ----- S.E. RUN = ----- P.C. STA. = 487+23.51 P.T. STA. = 487+42.50



- NOTES:
- ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
 - FOR ADDITIONAL SIGNAGE SEE SHEET 7
 - EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.

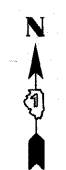


COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 001-078788-00
 PROJECT NO. 090593-PP3.dwg
 DATE: 3/21/2011
 DRAWN BY: RKM/CJC
 CHECKED BY: MDW
 DATE: 1/26/11

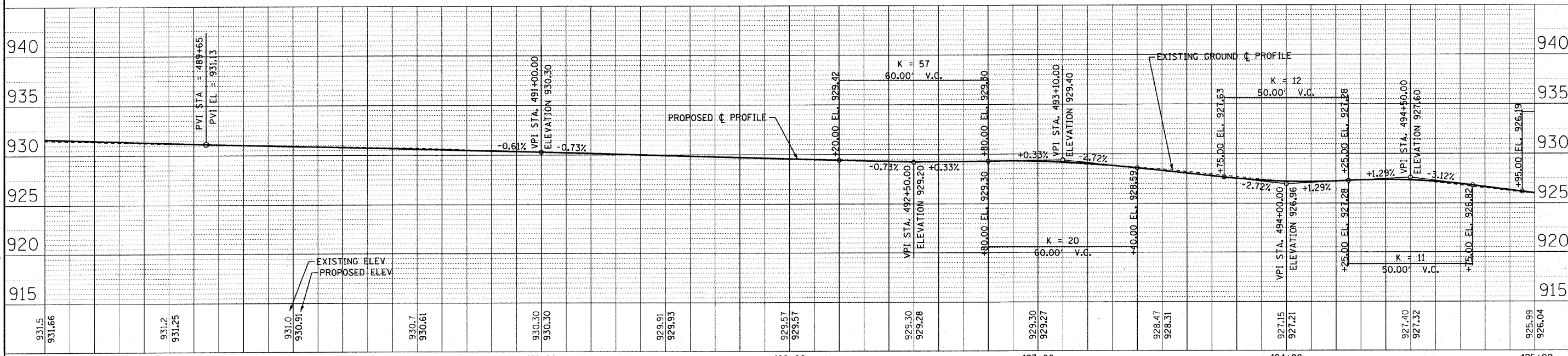
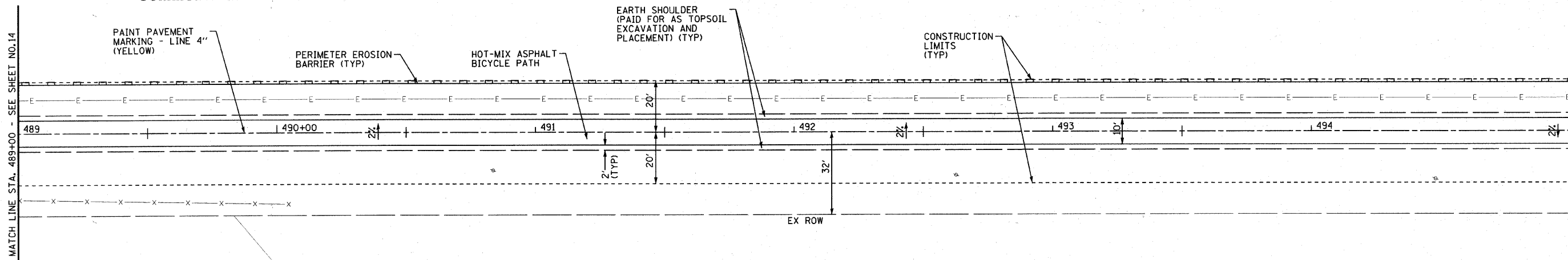
	USER NAME = 418c_jc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11	McHENRY COUNTY CONSERVATION DISTRICT RIDGEFIELD TRACE EXTENSION BICYCLE PATH	PLAN AND PROFILE SCALE: 1" = 20' STA. 473+00 TO STA. 489+00	F.A. RTE. N/A	SECTION 00-C2000-03-BT	COUNTY McHENRY	TOTAL SHEETS 25	SHEET NO. 14
	FILE NAME = 090593-PP3.dwg	CHECKED - MDW	DATE - 1/26/11			JOB NO: C-91-711-10	CONTRACT NO. 63578	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT NO: CMM-9003 (680)	McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01

NOTES:

- ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
- FOR ADDITIONAL SIGNAGE SEE SHEET 7
- EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.



COMMONWEALTH EDISON COMPANY RIGHT-OF-WAY



COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL ENGINEERING EXAMINER LICENSE NO. 042928 PM
 3/21/2011
 ...\\p01dr\server\pp12\233740...
 VAP BT\CADD\SURVEY DRAWINGS\DN\090593-PP10.DWG
 11:07:51 AM 3/21/2011

489+00	490+00	491+00	492+00	493+00	494+00	495+00
931.5 931.66	931.2 931.25	931.0 930.91	930.7 930.61	930.30 930.30	929.91 929.93	929.57 929.57
				929.30 929.28	929.30 929.27	928.47 928.31
						927.15 927.21
						927.40 927.32
						925.99 926.04



USER NAME = 418a_jp	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090593-PP10.sht	DRAWN - RKM/CJC	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

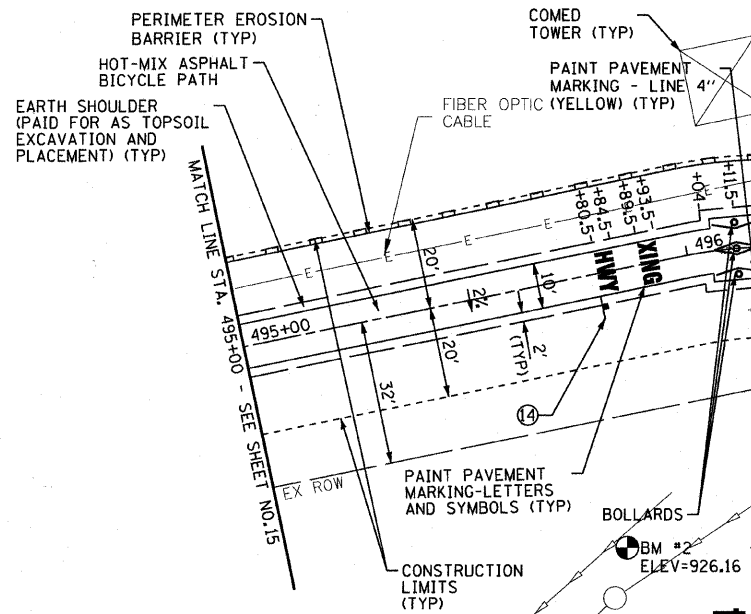
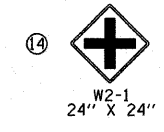
McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

PLAN AND PROFILE
 SCALE: 1" = 20'
 STA. 489+00 TO STA. 495+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	15
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO. CMM-9003 (680)				
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				

**COMMONWEALTH EDISON COMPANY
RIGHT-OF-WAY**

SIGN LEGEND



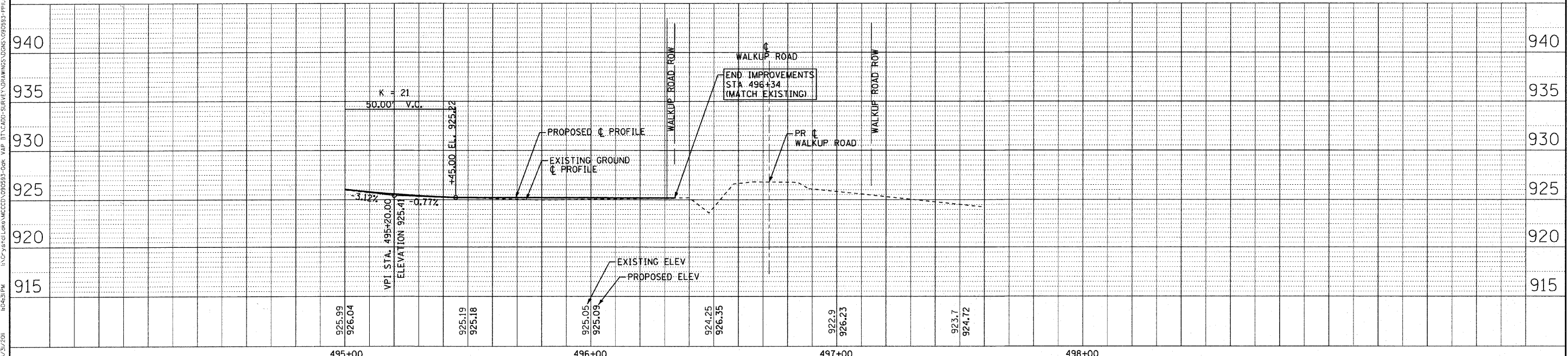
PROP. CURVE 15
 PI STA. = 496+09.24
 $\Delta = 11^\circ 38' 48''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 10.20'$
 $L = 20.33'$
 $E = 0.52'$
 $e = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA = 495+99.05$
 $P.T. STA = 496+19.37$

**COUNTY ROUTE V34
(FAU 0085)**

WALKUP ROAD

NOTES:

1. ALL AREAS OF DISTURBANCE SHALL RECEIVE SEEDING, CLASS 2
2. FOR ADDITIONAL SIGNAGE SEE SHEET 7
3. EXISTING BRUSH AND GARDEN MATERIALS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND OR RELOCATED AS DETERMINED BY THE ENGINEER AND INCLUDED IN THE COST OF EARTH EXCAVATION.



COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 061-092-0001
 3/31/2011
 ...\\notifier\p\p224242...
 I:\Cyril\1069\1069\MCCD\990593-D04 VAP BT\CADD\SURVEY\DRAWINGS\061090593-P01.dwg



USER NAME = 418ajc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090593-PP11.dwt	DRAWN - RKM/CJC	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

**McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH**

PLAN AND PROFILE
 SCALE: 1" = 20'
 STA. 495+00 TO STA. 497+14

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	16
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT NO. CMM-9003 (680)		
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				

EROSION AND SEDIMENT CONTROL NOTES

1. SEDIMENTATION AND EROSION CONTROL STANDARDS

THE FOLLOWING STANDARDS MUST BE SATISFIED:

- A. TEMPORARY AND PERMANENT SOIL STABILIZATION MEASURES SHALL BE APPROPRIATE FOR THE SITE CONDITIONS, INCLUDING THE TIME OF YEAR, SLOPE AND SOIL TYPE.
- B. 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.
- C. TEMPORARY CROSSINGS OF WATERWAYS SHALL BE CONSTRUCTED OF NON-EROSIVE MATERIALS AND SHALL BE ABLE TO WITHSTAND THE FORCE FROM THE ONE-HUNDRED-YEAR FLOOD PRIOR TO THE COMMENCEMENT OF LAND DISTURBANCE.
- D. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO OR CONCURRENTLY WITH THE START OF DISTURBANCE.
- E. TEMPORARY AND PERMANENT STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE 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. DISTURBED AREAS SHALL BE PROTECTED BY A PERIMETER EROSION BARRIER TO CONTROL THE SEDIMENT LOAD FROM THE DISTURBED AREA.
- B. 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.
- C. DISCHARGES FROM DEWATERING OPERATIONS SHALL ENTER OR BE ROUTED TO A SEDIMENT AND EROSION CONTROL SYSTEM OR DEVICE.
- D. 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.
- E. TEMPORARY ACCESS (COMMERCIAL 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.
- F. 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.

STRAW BALES SHALL NOT BE USED AS TEMPORARY DITCH CHECKS.
THE USE OF OTHER CONTROL METHODS MUST FIRST BE APPROVED BY THE ENGINEER.

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 ENGINEER.

4. INSPECTIONS

- A. THESE PLANS FOR UPGRADING, STRIPPING, EXCAVATING, AND FILLING WORK, BEAR THE STAMP OF APPROVAL OF THE CITY OF CRYSTAL LAKE'S ENFORCEMENT OFFICER. THESE PLANS SHALL BE MAINTAINED AT THE SITE DURING THE PROGRESS OF THE WORK. THE 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 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 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.

7. RESPONSIBLE PARTIES FOR MAINTAINING EROSION CONTROL

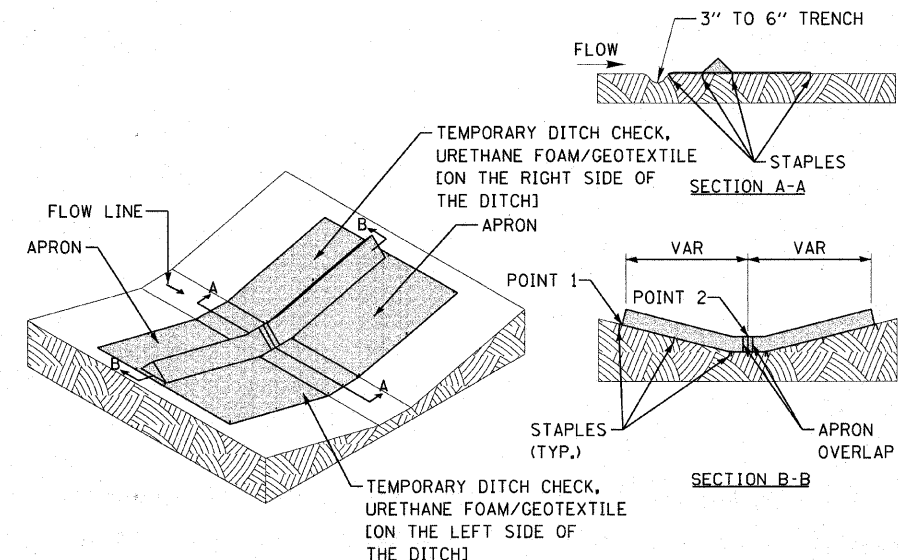
THE GENERAL CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE MAINTENANCE OF EROSION AND SEDIMENT CONTROL PRACTICES.

THEIR NAME AND TELEPHONE NUMBERS SHALL BE ADDED TO THE PLANS IN THE SPACE PROVIDED AFTER THE CONTRACT IS AWARDED.

(NAME) _____

(PRIMARY CONTACT TELEPHONE NUMBER) _____

(SECONDARY CONTACT TELEPHONE NUMBER) _____



SILT DIKE UNIT
ISOMETRIC

- NOTES:
1. THE INSTALLATION SHOWN ABOVE WILL BE MEASURED FOR PAYMENT IN FEET PERPENDICULAR TO THE FLOW LINE.

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

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

TEMPORARY DITCH CHECK

NO SCALE

COPYRIGHT © 2006 BY BAXTER & WOODMAN, INC. ... ILLINOIS LICENSE NO. 000-00079-EXPIRES 6/30/2013 ... 3/21/2011



USER NAME = 418cjc	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 099593.eros.notes.sht	DRAWN - RKM	REVISED -
PLLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

EROSION AND SEDIMENT CONTROL NOTES AND MISCELLANEOUS DETAILS

SCALE: NONE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	17
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO: CM-9003 (680)				

McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01

INSTALLATION INSTRUCTIONS FOR: (HDHB & LPHDHB)
LOW PROFILE HEAVY DUTY HINGED BOLLARD

1. Verify that all Low Profile Heavy Duty Hinged Bollard parts are in the shipment package as shown on the "Bill of Material".
 2. Provide Low Profile Heavy Duty Hinged Bollard Anchor System (see Included Anchor System Drawing-BAS) of your choice at a location to suit your specific needs.
 3. Install LPHDHB Base (Item 2) true and level on your selected Anchor System using the flat washers and hex nuts included in your Anchor System Kit. Use S.S. shims to level if needed. Torque hex nuts to Minimum 100 ft-lbs for Anchor Systems CPAS and ESAS. Torque hex nuts for other Anchor Systems to Manufacturer's Specification.
 4. Install LPHDHB Post (Item 1) to LPHDHB Base (Item 2) using Hinge Bolt (Item 3), Flat Washer (Item 5), and Hex Nut (Item 4) as shown. Tack Weld Hex Nut to Hinge Bolt or Chisel Hinge Bolt Threads such that Hex Nut cannot be easily removed.
 5. Install Locking Pin thru UP Position Bollard Post, and Install Padlock where shown. A Hex Nut (Item 4) is included in case a padlock is not available.
 6. Install the four Labels at the locations shown.
 7. Check the functional operation of the Low Profile Heavy Duty Hinged Bollard.
- Note: S.S. shims, tools, grease, and padlocks are not provided.

LOW PROFILE HEAVY DUTY HINGED BOLLARD		TrafficGuard®	
ASSEMBLY DRAWING	DATE: 03/31/2011	SCALE: 1/8" = 1'-0"	PROJECT: LPHDHB
ZABEL ENGINEERING	DESIGNED BY: AEB	DRAWN BY: RKM	CHECKED BY: MDW
DATE: 1/26/11	REVISED: PER IDOT 3/25/11	REVISED: -	REVISED: -

TrafficGuard LOW PROFILE HEAVY DUTY HINGED BOLLARD (LPHDHB) & HEAVY DUTY HINGED BOLLARD (HDHB)

"The Original Multifunction Bollard"
Standard Features Include

Ease of use in 5 easy steps

1. Remove padlock
2. Remove locking pin
3. Lower bollard post
4. Replace padlock and locking pin to locking pin hole in Bollard Post.
5. Allows vehicle access

Safety
30" overall height and "Safety Yellow" finish are standard for high visibility. Custom colors available upon request.

Heavy Duty
Closed Steel Tube Construction
Stainless Steel Locking Pin

Proven Performance
References Available Upon Request

Low Maintenance

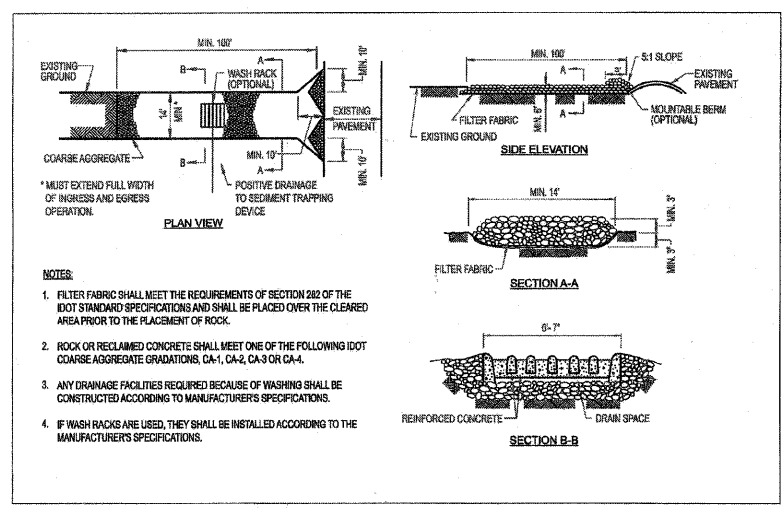
Warranty
\$1,000,000 Liability Coverage

Orders for "Safety Yellow"
shipped in 48 hours.

PRODUCT HIGHLIGHTS

- Locking Pin at Base
- Clearance Height 4" in lowered position
- Single Post design with 3" x 6" x 3/8" steel tube

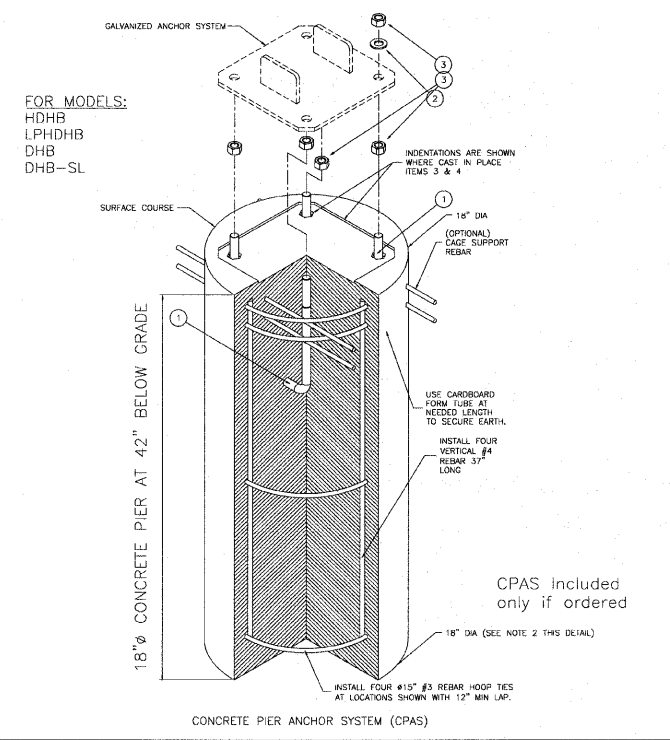
LOW PROFILE HEAVY DUTY HINGED BOLLARD		TrafficGuard®	
ISOMETRIC DISPLAY DRAWING	DATE: 03/31/2011	SCALE: 1/8" = 1'-0"	PROJECT: LPHDHB
ZABEL ENGINEERING	DESIGNED BY: AEB	DRAWN BY: RKM	CHECKED BY: MDW
DATE: 1/26/11	REVISED: PER IDOT 3/25/11	REVISED: -	REVISED: -



THE FOLLOWING SHALL BE PROVIDED AT ALL LOCATIONS REQUIRING ACCESS WITHIN THE CITY OF CRYSTAL LAKE RIGHT-OF-WAY. THIS WILL BE INCLUDED IN THE TEMPORARY ACCESS (COMMERCIAL ENTRANCE) PAY ITEM.

BILL OF MATERIAL		
ITEM PART #	DESCRIPTION	QTY.
1	0001 CPAS KIT - INCLUDES THE FOLLOWING PART NUMBERS	1
2	0002 #3/4" x 12" TYPE L ANCHOR BOLT - H.D.G.	4
3	0003 #3/4" TYPE L FLAT WASHER GALVANIZED STEEL	4
4	0004 #3/4" HEX NUT GALVANIZED STEEL	8

- NOTES:**
1. CONCRETE, FORM AND REBAR PROVIDED BY OTHERS
 2. WHERE UNSUITABLE SOILS ARE ENCOUNTERED, INCREASE CONCRETE PIER BASE TO 24" DIA. 42" BELOW GRADE, CREATING A CONICAL SHAPE. IF REQUIRED, THIS WORK SHALL BE INCLUDED IN THE FOLD DOWN BOLLARD PAY ITEM.



LPHDHB & HDHB

BILL OF MATERIAL	
ITEM PART #	DESCRIPTION
1	ANCHOR SYSTEM
2	ANCHOR SYSTEM
3	ANCHOR SYSTEM
4	ANCHOR SYSTEM
5	ANCHOR SYSTEM
6	ANCHOR SYSTEM
7	ANCHOR SYSTEM
8	ANCHOR SYSTEM

LOW PROFILE HEAVY DUTY HINGED BOLLARD		TrafficGuard®	
ASSEMBLY DRAWING	DATE: 03/31/2011	SCALE: 1/8" = 1'-0"	PROJECT: LPHDHB
ZABEL ENGINEERING	DESIGNED BY: AEB	DRAWN BY: RKM	CHECKED BY: MDW
DATE: 1/26/11	REVISED: PER IDOT 3/25/11	REVISED: -	REVISED: -

THE LOW PROFILE HEAVY DUTY HINGED BOLLARD (LPHDHB) SHALL BE FURNISHED AND INSTALLED. THIS WILL BE INCLUDED IN THE FOLD DOWN BOLLARDS PAY ITEM.

COPYRIGHT © 2010 BY BAXTER & WOODMAN, INC. ALL RIGHTS RESERVED. LICENSE NO. 184-00027 - EXPIRES 12/31/2013. 1/16/10 PM 3/31/2011



USER NAME = 418eje	DESIGNED - AEB	REVISED - PER IDOT 3/25/11
FILE NAME = 090913-MIS-DETAILS.sht	DRAWN - RKM	REVISED -
PLOT DATE = 3/31/2011	CHECKED - MDW	REVISED -
	DATE - 1/26/11	REVISED -

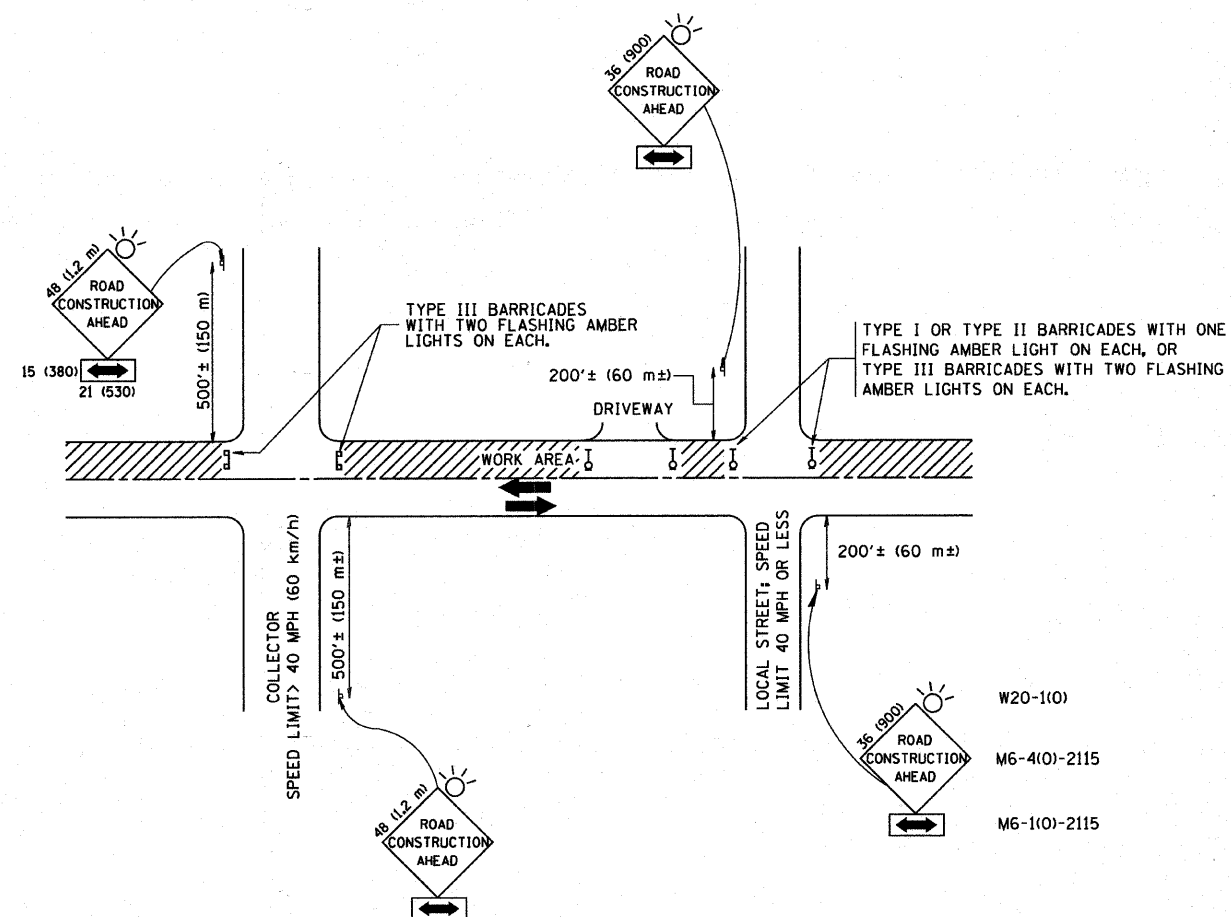
McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	00-C2000-03-BT	McHENRY	25	18
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO. CMM-9003 (680)				

SCALE: _____ STA. _____ TO STA. _____

MISCELLANEOUS DETAILS

McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01



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.
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = geglionobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\diststd\22x34\col18.dgn		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

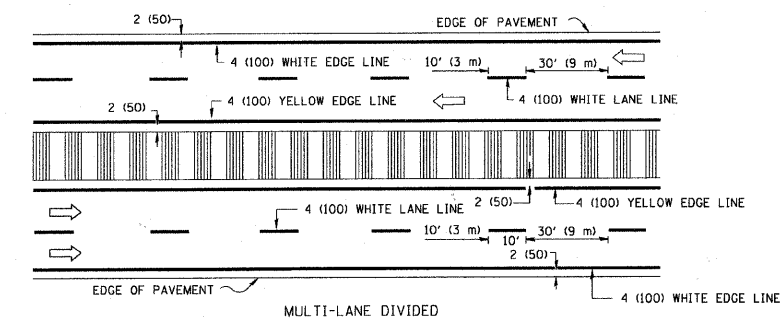
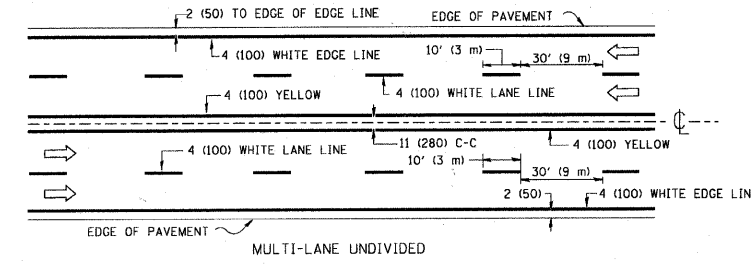
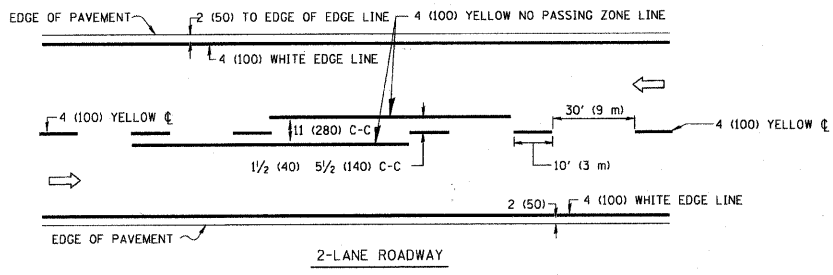
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00-C2000-03-BT	McHENRY	25	19
TC-10			CONTRACT NO. 63578	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-9003 (680)				

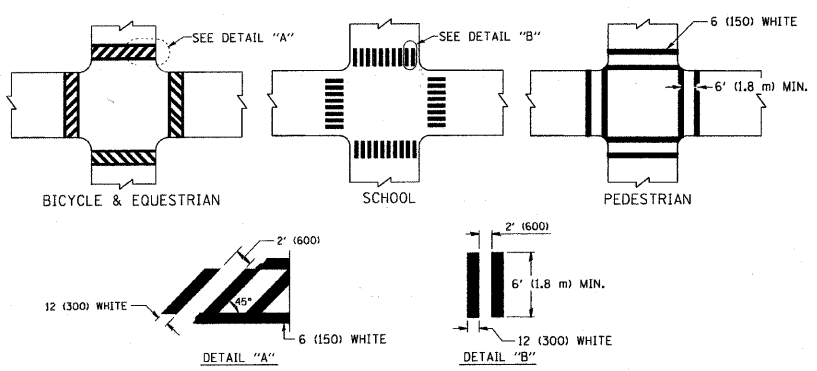
C-91-711-10

McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01

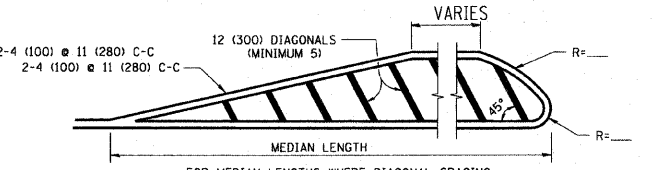
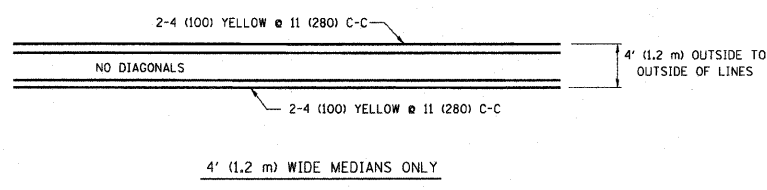


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

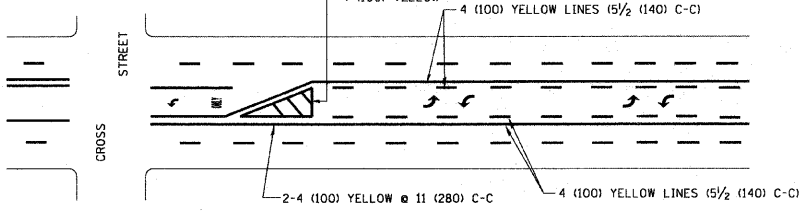


TYPICAL CROSSWALK MARKING

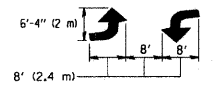


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

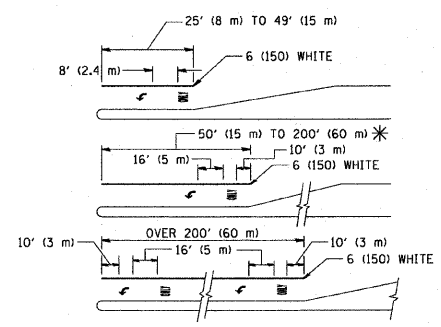
MEDIANS OVER 4' (1.2 m) WIDE



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.



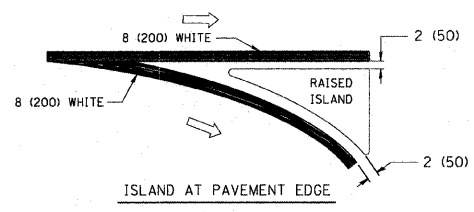
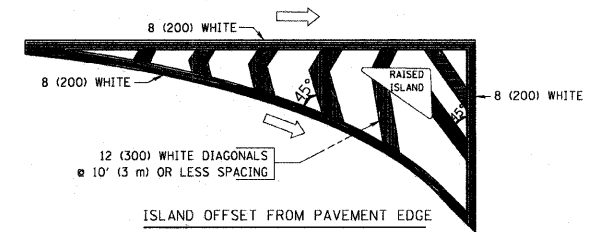
TYPICAL PAINTED MEDIAN MARKING



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



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) 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 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" 15 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))

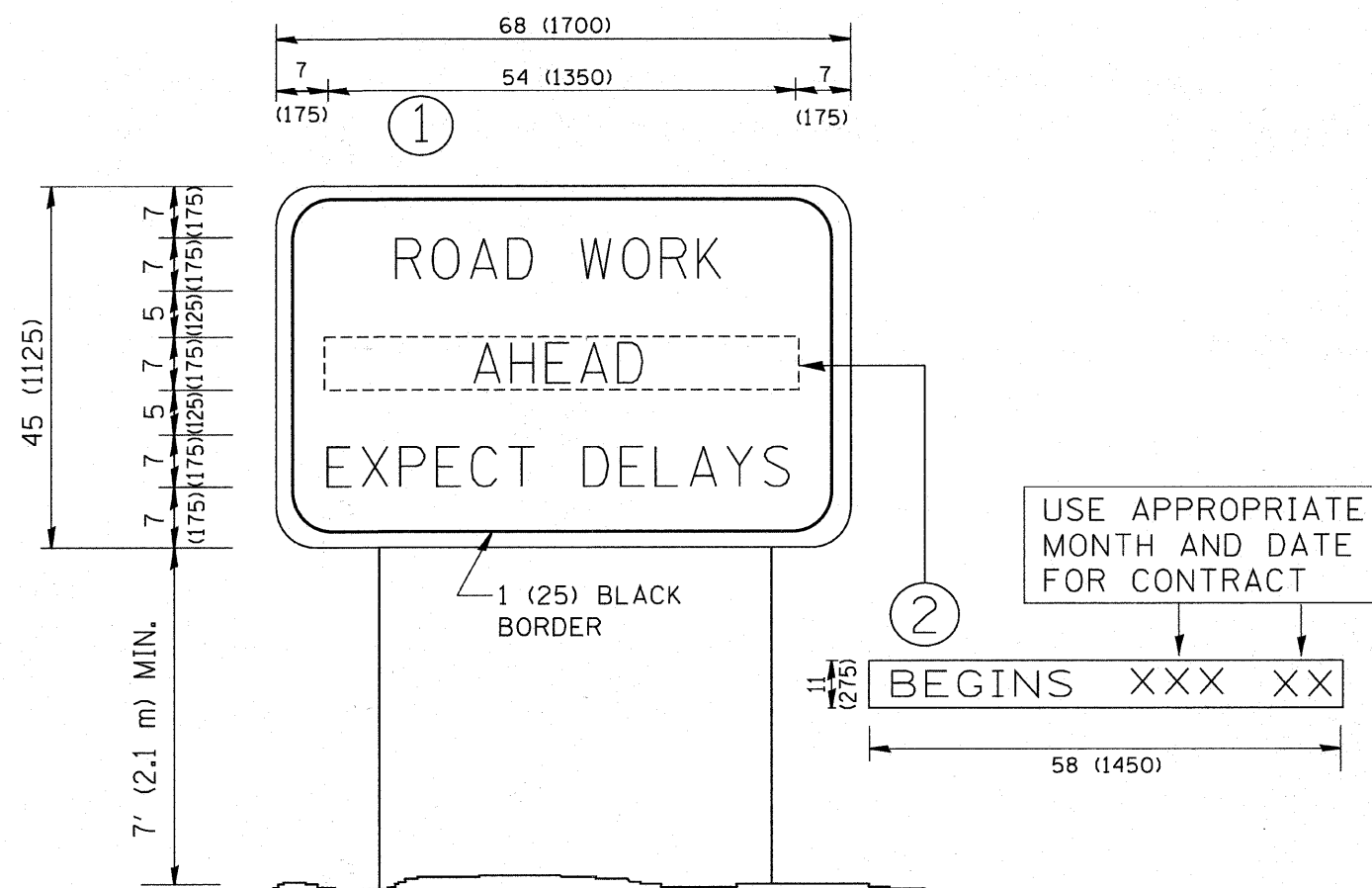
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
c:\pw_work\pavidos\drivakosgn\d0108315\td3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS			00-C2000-03-BT	McHENRY	25	20
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 63578	
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-9003 (880)		



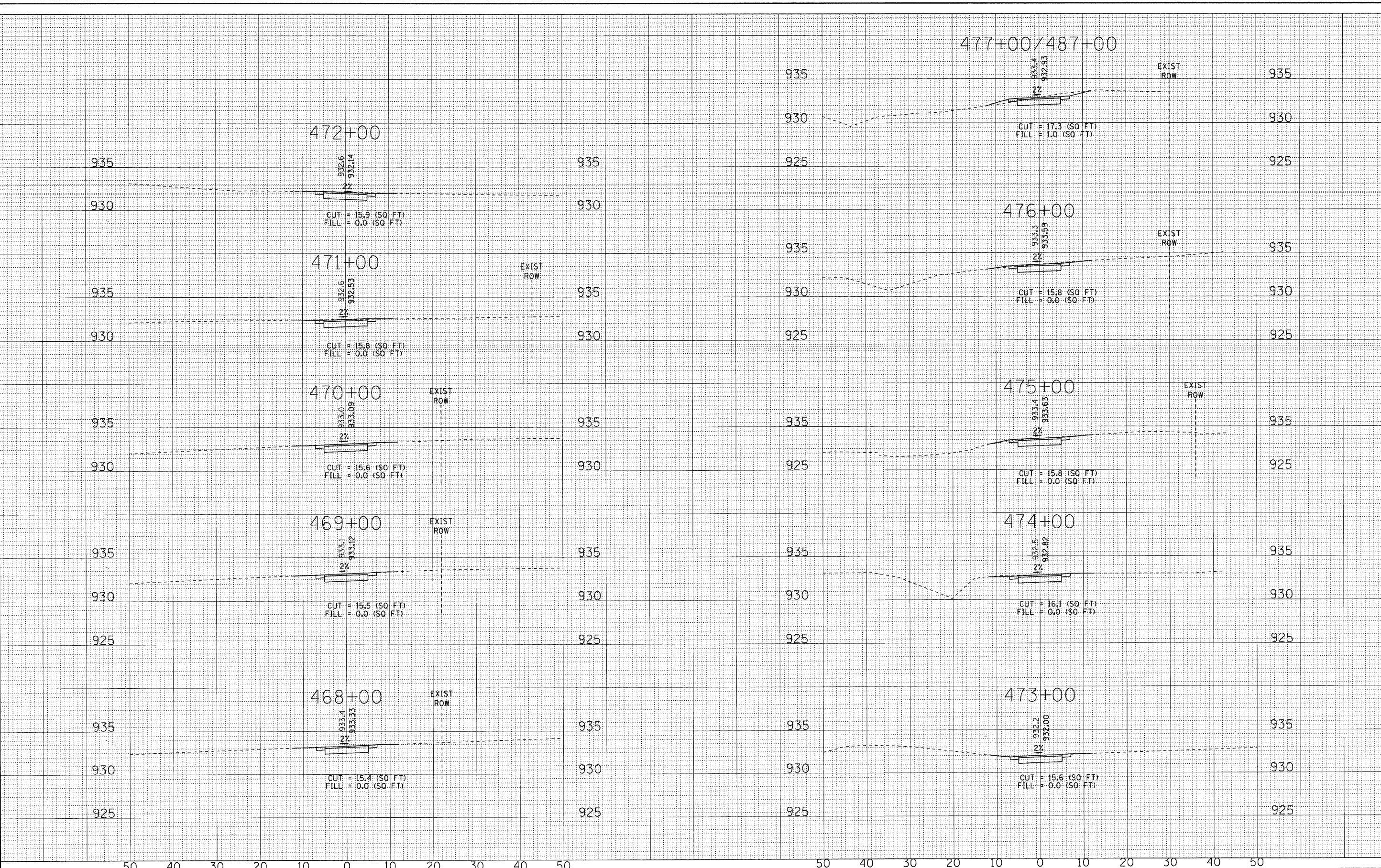
NOTES:

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

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

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gaglianob1	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE. N/A	SECTION 00-C2000-03-BT	COUNTY McHENRY	TOTAL SHEETS 25	SHEET NO. 21
PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22 CONTRACT NO. 63578				
PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT NO: GMM-9003 (680)									
JOB NO: C-91-711-10 McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01												

COPYRIGHT © 2011 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 5227 N. WILSON AVENUE, SUITE 100, CHICAGO, IL 60641
 4/19/2011 2:45:03 PM



50 40 30 20 10 0 10 20 30 40 50



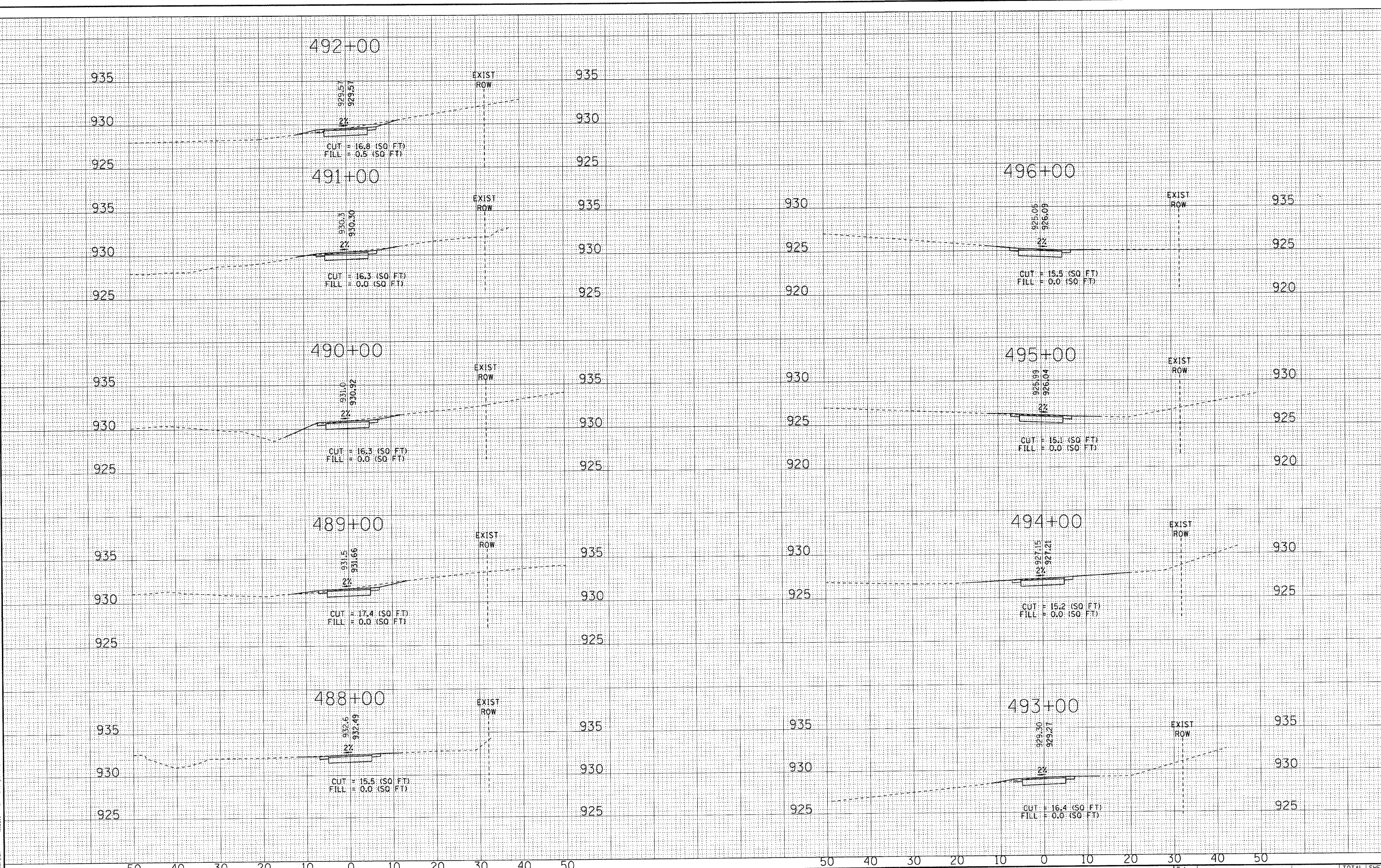
DESIGNED - TLH	REVISED - PER IDOT 3/25/11
CHECKED - MDW	REVISED - PER IDOT 4/11/11
DRAWN - RKM	REVISED -
DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGEFIELD TRACE EXTENSION
BICYCLE PATH

CROSS SECTIONS
 SCALE: HORIZ. 1"=10' / VERT. 1"=5'
 STA. 468+00 TO STA. 477+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00-C2000-03-BT	McHENRY	25	24
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 ILLINOIS				
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				

DRAWN BY: BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 00121 - EXPIRES 4/30/2018
 4/13/2011 10:52:04 PM
 PROJECT: C:\PROJECTS\2011\RIDGFIELD TRACE EXTENSION\DRAWINGS\DWG_031109_01.DWG
 PLOT: C:\PROJECTS\2011\RIDGFIELD TRACE EXTENSION\DRAWINGS\DWG_031109_01.PLT



DESIGNED - TLH	REVISED - PER IDOT 3/25/11
CHECKED - MDW	REVISED - PER IDOT 4/11/11
DRAWN - RKM	REVISED -
DATE - 1/26/11	REVISED -

McHENRY COUNTY CONSERVATION DISTRICT
RIDGFIELD TRACE EXTENSION
BICYCLE PATH

CROSS SECTIONS
 SCALE: HORIZ. 1"=10' / VERT. 1"=5'
 STA. 488+00 TO STA. 496+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00-C2000-03-BT	McHENRY	25	25
JOB NO: C-91-711-10		CONTRACT NO. 63578		
FED. ROAD DIST. NO. 1 (ILLINOIS)				
McHENRY COUNTY CONSERVATION DISTRICT BID #0311.09.01				