

FOR INDEX OF SHEETS, SEE SHEET NO. 2 09-21-12 LETTING ITEM 060

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	63633	

PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

FAU 3860 (CHARLES J. MILLER ROAD)
EAST OF GREEN STREET (FAU 0087) TO FAU 0089 (RIVER ROAD)
RECONSTRUCTION

SECTION: 09-00372-00-PW
PROJECT: HPP-1964(003)
MCHENRY COUNTY, ILLINOIS
JOB: C-91-102-07

STRUCTURE INFORMATION:

EXISTING SN 056-3149:
EXISTING STRUCTURE IS A FIVE SPAN STRUCTURE CONSIST OF A CAST IN PLACE CONCRETE DECK ON STEEL PLATE GIRDERS WITH AN OUT-TO-OUT WIDTH OF 44'-2" AND A TOTAL LENGTH OF 658'-6 1/2" BK. BK. ABUTMENTS. THE SKEW IS 0 DEGREES. THE SUBSTRUCTURE CONSIST OF HAMMERHEAD PIERS FOUNDED ON STEEL H-PILES, AND STUB ABUTMENTS FOUNDED ON H-PILES. STRUCTURE TO REMAIN.

PROPOSED SN 056-3190:
PROPOSED STRUCTURE CONSIST OF A CAST IN PLACE CONCRETE DECK ON STEEL PLATE GIRDERS WITH AN OUT-TO-OUT WIDTH OF 31'-2" AND A TOTAL LENGTH OF 658'-6 1/2" BK. BK. ABUTMENTS. THE SKEW IS 0 DEGREES. THE SUBSTRUCTURE CONSIST OF HAMMERHEAD PIERS FOUNDED ON STEEL H-PILES, AND STUB ABUTMENTS FOUNDED ON H-PILES.

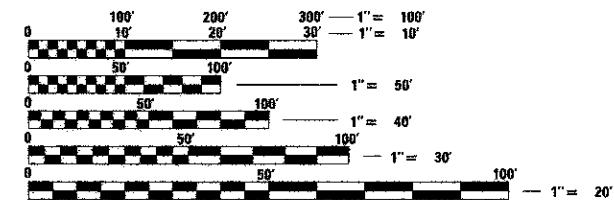
TRAFFIC DATA

ADT:
CHARLES J. MILLER ROAD 20,700 VPD (2009) 34,000 VPD (2030)
RIVER ROAD 18,400 VPD (2009) 29,700 VPD (2030)

ROADWAY	POSTED SPEED	DESIGN SPEED
CHARLES J. MILLER ROAD	45 MPH (EXISTING/ PROPOSED)	45 MPH
RIVER ROAD	45 MPH (EXISTING/ PROPOSED)	45 MPH

DESIGN DESIGNATION

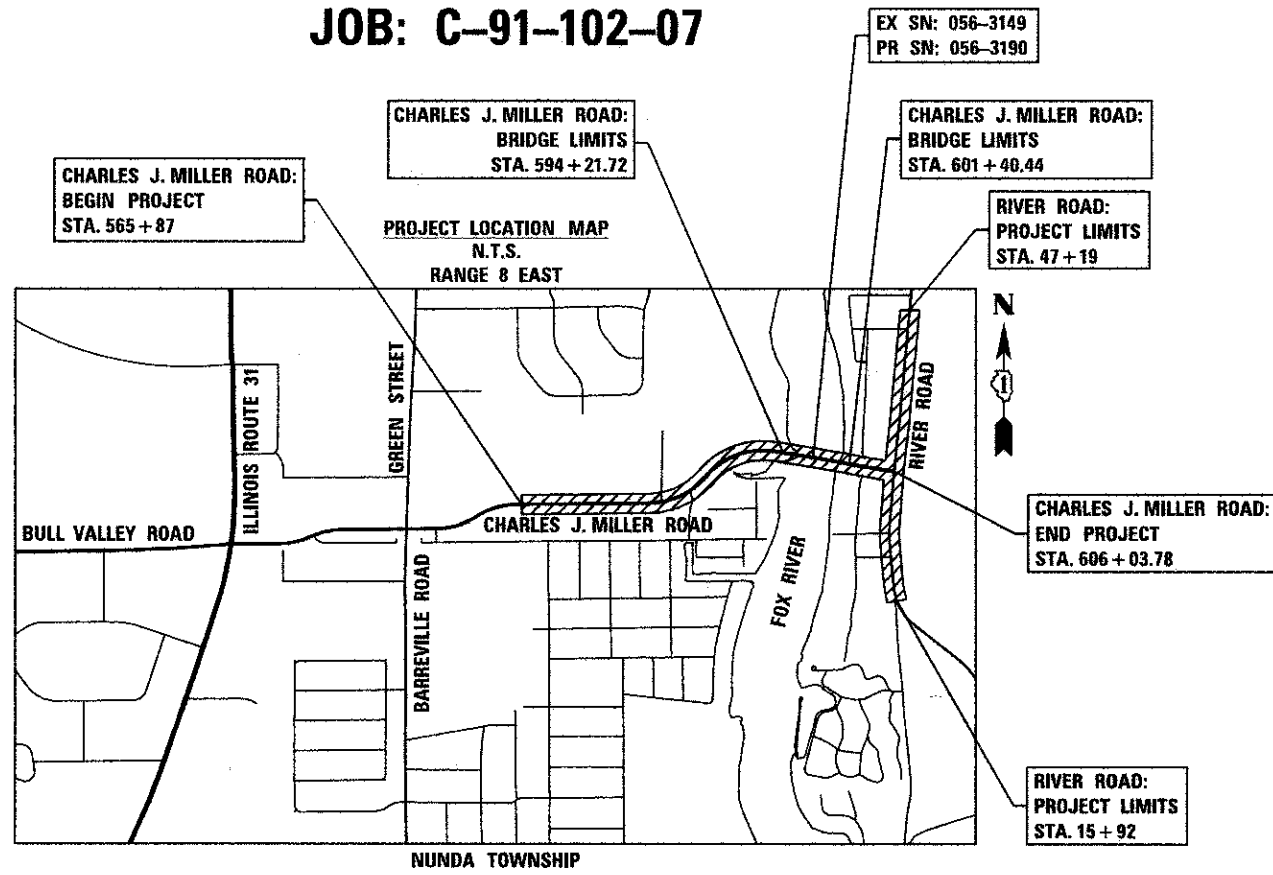
FAU 3860 (CHARLES J. MILLER ROAD) - URBAN MINOR ARTERIAL



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
CALL 811

Know what's below.
Call before you dig.



PROJECT LENGTH
GROSS AND NET LENGTH OF PROJECT = 4,016.78 FT (0.76 MI)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED July 9 2012
Joseph R. Korpakowski Jr.
COUNTY ENGINEER, MCHENRY COUNTY

PASSED July 20 2012
C. Hest
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW July 23, 2012
John F. ...
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-1406 SCHAUMBURG, IL

420 NORTH FRONT STREET, SUITE 100 | MCHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

PROJECT ENGINEER: D. JOHANSON
PROJECT MANAGER: J. PISHA

CONTRACT NO. 63633

PROFESSIONAL ENGINEER'S SIGN & SEAL
EXCLUDING SHEET(S):

Jeffery L. Pisha 7/10/2012
JEFFERY L. PISHA, P.E.
EXPIRES: 11-30-13

STRUCTURAL ENGINEER'S SIGN & SEAL
FOR STRUCTURAL SHEET(S): S-1 THRU S-41
SB-1 THRU SB-7
SC-1 THRU SC-3

Robert G. Davies 7/10/2012
ROBERT G. DAVIES, P.E., S.E.
EXPIRES: 11-30-12

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DRAWN BY:
CHECKED BY:
DATE:
SCALE:
PEN TABLE:

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND STATE STANDARDS
3	GENERAL NOTES
4 - 10	SUMMARY OF QUANTITIES
11 - 14	SCHEDULE OF QUANTITIES
15 - 18	TYPICAL SECTIONS
19 - 22	ALIGNMENT, TIES AND BENCHMARKS
23	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - GENERAL NOTES
24 - 33	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - TYPICAL SECTIONS
34	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - TEMPORARY SIGN DETAILS
35 - 38	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
39 - 40	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A
41 - 44	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
45 - 48	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
49 - 52	ROADWAY PLAN AND PROFILE - CHARLES J. MILLER ROAD
53 - 54	ROADWAY PLAN AND PROFILE - RIVER ROAD
55	ROADWAY PLAN AND PROFILE - WASTE WATER TREATMENT PLANT ACCESS DRIVE
56 - 59	INTERSECTION ELEVATION PLAN
60 - 61	DRAINAGE AND UTILITY REMOVAL PLAN - CHARLES J. MILLER ROAD
62	DRAINAGE AND UTILITY REMOVAL PLAN - RIVER ROAD
63 - 66	DRAINAGE AND UTILITY PLAN AND PROFILE - CHARLES J. MILLER ROAD
67 - 68	DRAINAGE AND UTILITY PLAN AND PROFILE - RIVER ROAD
69 - 71	DRAINAGE SCHEDULE OF QUANTITIES
72	DETENTION BASIN 3 GRADING PLAN
73	DETENTION BASIN 3B GRADING PLAN
74	DETENTION BASIN 4 GRADING PLAN
75	OMITTED
76 - 90	PLAT OF HIGHWAYS
91 - 93	PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN
94	SIGNING SCHEDULE
95	SIGN DETAILS
96 - 98	EROSION AND SEDIMENT CONTROL PLAN - CHARLES J. MILLER ROAD
99 - 100	EROSION AND SEDIMENT CONTROL DETAILS
101 - 102	TEMPORARY TRAFFIC SIGNAL PLAN
103	TEMPORARY CABLE PLAN AND PHASE DESIGNATION
104	TEMPORARY TRAFFIC SIGNAL STAGING - STAGE 1A, STAGE 2, STAGE 3
105 - 106	TRAFFIC SIGNAL INSTALLATION PLAN
107	CABLE AND PHASE DESIGNATION DIAGRAM
108	DETAIL SHEET MAST ARM MOUNTED STREET NAME SIGNS
109 - 114	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS
115	CHARLES J. MILLER ROAD LIGHTING PLAN GENERAL NOTES AND LEGEND
116	SUMMARY OF QUANTITIES AND LIGHTING PLAN - STA. 581+00 TO STA. 592+00
117	LIGHTING PLAN - STA. 592+00 TO RIVER ROAD
118	LIGHTING PLAN - WIRING DIAGRAM
119	ELECTRIC SERVICE INSTALLATION ABOVE GROUND (BE-220)
120	ALUMINUM LIGHT POLE 40'-0" MOUNTING HEIGHT
121	MISCELLANEOUS ELECTRICAL DETAILS
122	LIGHT POLE FOUNDATION, METAL
123	LIGHTING CONTROLLER
124 - 164	STRUCTURAL PLAN - CHARLES J. MILLER ROAD BRIDGE
165 - 170	STRUCTURAL PLAN - RIVER ROAD RETAINING WALL
171 - 173	STRUCTURAL PLAN - CHARLES J. MILLER ROAD BOX CULVERT
174 - 187	IDOT DISTRICT 1 DETAILS
188	MANHOLE WITH RESTRICTOR PLATE
189	MCDOT DETAILS
190	ROADWAY WEATHER INFORMATION SYSTEM (RWIS) AND CORRUGATED MEDIAN DETAIL
191 - 231	CROSS SECTIONS - CHARLES J. MILLER ROAD
232 - 252	CROSS SECTIONS - RIVER ROAD

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 MM) THRU 54" (1300 MM) PIPE)
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602011-02	CATCH BASIN, TYPE C
602301-03	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602416-03	MANHOLE, TYPE A, 8' (2.4 M) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE TYPE 8
604051-03	FRAME AND GRATE TYPE 11
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
609006-05	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA SHOULDER STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-00	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS = 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
836001-01	LIGHT POLE FOUNDATION
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-02	PEDESTRIAN PUSH BUTTON POST
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-02	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. Jettens
 DATE PLOTTED: 7/23/2012 12:06:56 AM
 FILE NAME: 090071-gm-01.dgn
 PLOT DRIVER: Poff, J
 PEN TABLE: 3 from standard-trans.tbl



USER NAME = jettens	DESIGNED - JPA	REVISED -
FILE NAME = 090071-gm-01.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**INDEX OF SHEETS AND STATE STANDARDS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	2
FED. ROAD DIST. NO.			CONTRACT NO. 63633	
ILLINOIS			FED. AID PROJECT	

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1, THE CITY OF MCHENRY AT (815) 363-2100, AND MCDOT AT (815) 334-4960 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE USGS DATUM.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.1 GALLONS / SQ YD.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.
- DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. OR UNLESS OTHERWISE NOTED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER, REGARDLESS OF CURB AND GUTTER TYPE, SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL".
- ALL SIGNS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE MCDOT AND SHALL BE RETURNED TO MCDOT AT 16111 NELSON ROAD, WOODSTOCK, IL 60098 UPON REMOVAL.
- ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR VESTS AT ALL TIMES THAT MEET THE ANSI 207 STANDARD WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- ALL PROPOSED COMMERCIAL ENTRANCES ARE COMPRISED OF 6 INCHES OF HOT-MIX ASPHALT, BASE COURSE, AND 2 INCHES OF HOT-MIX ASPHALT, SURFACE COURSE, UNLESS OTHERWISE NOTED ON THE PLANS. PRIVATE DRIVEWAYS ARE COMPRISED OF 4 INCHES OF HOT-MIX ASPHALT, BASE COURSE, AND 2 INCHES OF HOT-MIX ASPHALT, SURFACE COURSE.
- THE CURB & GUTTER SHALL BE DEPRESSED THROUGH DRIVEWAYS AND PAID FOR AS COMBINATION CONCRETE CURB & GUTTER AS NOTED ON THE PLANS.
- POROUS GRANULAR EMBANKMENT SUBGRADE (PGES), HAS BEEN PROVIDED FOR GENERAL USE. THE ACTUAL NEED FOR REMOVAL OF UNSUITABLE AND UNSTABLE SOILS AND REPLACEMENT WITH PGE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED FROM THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE DUE TOWARDS THE CONTRACTOR. IN THE AREAS WHERE PGE IS PLACED, A GEOTEXTILE GROUND STABILIZATION FABRIC WILL BE PLACED UNDER THE PGE, AS INDICATED BY SOILS REPORT AND DIRECTED BY THE ENGINEER REMEDIAL WORK FOR WESTBOUND LANES (WIDENING ON NORTH SIDE) BETWEEN STATIONS 588+00 TO 590+00 SHALL INCLUDE TWO FEET OF TOPSOIL TO BE STRIPPED AND REPLACED WITH TWO FEET OF PGES CONTAINING BX1200 GEOGRID OR APPROVED EQUAL. THE GEOGRID SHALL BE PLACED IN THE MIDDLE OF THE PGE LAYER.
- THE THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES ARE TO BE PLACED.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
- RAMPED NOSE ADJACENT TO GRASS MEDIAN SHALL BE PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12. RAMPED NOSE ADJACENT TO CONCRETE MEDIAN SURFACE SHALL BE PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.12.
- TEMPORARY FENCE SHALL BE USED FOR TREE PROTECTION. ALL TREE PROTECTION SHALL BE PAID FOR AS TEMPORARY FENCE.
- THE EXISTING PATH ALONG THE SOUTH SIDE OF MILLER ROAD WILL BE CLOSED DURING CONSTRUCTION UNLESS OTHERWISE AUTHORIZED BY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION.
- CONTRACTOR SHALL ABIDE BY ACCESSIBLE PUBLIC RIGHT-OF-WAY REQUIREMENTS.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.
- UNLESS OTHERWISE NOTED OFFSETS FOR DRAINAGE STRUCTURES LOCATED IN CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT AND OFFSETS FOR DRAINAGE STRUCTURES NOT LOCATED IN THE CURB AND GUTTER ARE TO THE CENTER OF THE STRUCTURE.
- STORM SEWER LENGTHS ARE MEASURED FROM INSIDE EDGE OF STRUCTURE TO THE INSIDE EDGE OF STRUCTURE, THEN ADDING 0.5' TO EACH END OF PIPE. SLOPE OF PIPE IS CALCULATED BY DIVIDING THE DIFFERENCE IN ELEVATION BY THE PIPE LENGTH. INVERT IS MEASURED AT THE END OF THE FLARE ON ALL FLARED END SECTIONS.
- THE PAY ITEM FOR STORM SEWER REMOVAL SHALL INCLUDE ANY TRENCH BACKFILL REQUIRED TO FILL AREA OF SEWER REMOVAL WHERE THERE IS NO REPLACEMENT. IF PROPOSED STORM SEWER IS REPLACED IN THE SAME TRENCH, THEN TRENCH BACKFILL SHALL BE PAID FOR SEPARATELY.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AT 16111 NELSON ROAD, WOODSTOCK, IL 60098.
- ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR DELIVERY TO THE APPLICABLE AGENCY, AS APPLICABLE SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY." ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE FRAMES AND CLOSED LIDS PROVIDED.
- 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, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.
- ALL STORM SEWER SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE OF STORM SEWER.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING PERFORMED.

BACKFILL

- STORM SEWER SHALL BE BACK FILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.
- PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE.
- COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED, INCLUDING BEDDING MATERIAL, SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
- ALL REMOVED SIGNS SHALL BE RETURNED TO THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AT 16111 NELSON ROAD, WOODSTOCK, IL 60098.

- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL PLANS

- SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.

TRAFFIC CONTROL

- SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.
- THE CONTRACTOR SHALL PLACE FOUR CHANGEABLE MESSAGE SIGNS, ONE AT THE BEGINNING OF THE PROJECT ON CHARLES J. MILLER ROAD AND TWO ON RIVER ROAD. ONE SIGN SHALL ALSO BE PROVIDED TO BE PLACED AT THE ENGINEER'S DISCRETION IN ORDER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".

EARTHWORK

- PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL AS APPROVED BY THE ENGINEER.
- SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.
- EXISTING TOPSOIL IS ASSUMED TO BE 2 FEET IN THICKNESS AND IS REMOVED UNDER THE PAY ITEM, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

STRUCTURAL PLANS

- SEE STRUCTURAL PLANS FOR GENERAL NOTES CONCERNING STRUCTURAL DESIGN.

LIGHTING PLANS

- SEE LIGHTING PLANS FOR GENERAL NOTES CONCERNING LIGHTING DESIGN.

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 PROJECT CONTACT: Illinois Professional Design Firm
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PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**GENERAL NOTES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	3
CONTRACT NO. 63633				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,708	1,708					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,342	1,342					
20100500	TREE REMOVAL, ACRES	ACRE	1.50	1.50					
20101000	TEMPORARY FENCE	FOOT	363	363					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	72,291	72,081		210			
20400800	FURNISHED EXCAVATION	CU YD	23,213	23,213					
20800150	TRENCH BACKFILL	CU YD	465	465					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	37,701	37,701					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	53,940	53,940					
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	2,961	2,961					
25000210	SEEDING, CLASS 2A	ACRE	7.50	7.50					
25000312	SEEDING, CLASS 4A	ACRE	1.75	1.75					
25000314	SEEDING, CLASS 4B	ACRE	2.00	2.00					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,020	1,020					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,020	1,020					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,020	1,020					
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	51,582	51,582					
25100900	TURF REINFORCEMENT MAT	SQ YD	292	292					
25200110	SODDING, SALT TOLERANT	SQ YD	840	840					
25200200	SUPPLEMENTAL WATERING	UNIT	42	42					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,070	1,070					
28000305	TEMPORARY DITCH CHECKS	FOOT	150	150					
28000400	PERIMETER EROSION BARRIER	FOOT	12,560	12,560					
28000500	INLET AND PIPE PROTECTION	EACH	16	16					
28000510	INLET FILTERS	EACH	92	92					
28100105	STONE RIPRAP, CLASS A3	SQ YD	289	289					
28100107	STONE RIPRAP, CLASS A4	SQ YD	127	127					
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	82		82				
28100709	STONE DUMPED RIPRAP, CLASS A5	SQ YD	12			12			
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	3	3					
28200200	FILTER FABRIC	SQ YD	573	400	173				
30300104	AGGREGATE SUBGRADE IMPROVEMENT 4"	SQ YD	2,380	2,380					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	34,962	34,962					
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	3,203	3,203					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	1,728	1,728					
35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	820	820					
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	3,943	3,943					
40600300	AGGREGATE (PRIME COAT)	TON	79	79					
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	79	79					
40600895	CONSTRUCTING TEST STRIP	EACH	2	2					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	439	439					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	715	715					

- SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

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HRGreen.com
 Illinois Professional Design Firm
 # 194-001222

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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

SUMMARY OF QUANTITIES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 4
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	

SCALE: N.T.S. SHEET NO. 1 OF 7 SHEETS STA. _____ TO STA. _____

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	99	99					
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	559	559					
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	472	472					
40701961	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	SQ YD	34,026	34,026					
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	125	125					
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	678	678					
42400800	DETECTABLE WARNINGS	SQ FT	58	58					
44000100	PAVEMENT REMOVAL	SQ YD	28,218	28,218					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	259	259					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,611	1,611					
44000600	SIDEWALK REMOVAL	SQ FT	156	156					
44004250	PAVED SHOULDER REMOVAL	SQ YD	3,240	3,240					
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	850	850					
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,093	1,093					
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	550	550					
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	205	205					
50102400	CONCRETE REMOVAL	CU YD	8.7		8.7				
50200100	STRUCTURE EXCAVATION	CU YD	1,112		27	1,085			
50200300	COFFERDAM EXCAVATION	CU YD	424		424				
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		1				
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		1				
50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		1				
50201124	COFFERDAM (TYPE 2) (LOCATION - 4)	EACH	1		1				
50300225	CONCRETE STRUCTURES	CU YD	653		397	256			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	777.2		777.2				
50300260	BRIDGE DECK GROOVING	SQ YD	2,075		2,075				
50300265	SEAL COAT CONCRETE	CU YD	149.5		149.5				
50300280	CONCRETE ENCASEMENT	CU YD	7.7		7.7				
50300300	PROTECTIVE COAT	SQ YD	5,697		5,697				
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1				
50500505	STUD SHEAR CONNECTORS	EACH	10,688		10,688				
50800105	REINFORCEMENT BARS	POUND	39,550	2,720	36,830				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	251,310		221,930	29,380			
50800515	BAR SPLICERS	EACH	56		56				
51100300	SLOPE WALL 6 INCH	SQ YD	200		200				
51201400	FURNISHING STEEL PILES HP10X42	FOOT	1,070		1,070				
51201600	FURNISHING STEEL PILES HP12X53	FOOT	2,854		2,854				
51202305	DRIVING PILES	FOOT	3,924		3,924				
51203400	TEST PILE STEEL HP10X42	EACH	2		2				
51203600	TEST PILE STEEL HP12X53	EACH	4		4				
51204650	PILE SHOES	EACH	36		36				
51500100	NAME PLATES	EACH	1		1				

- * SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

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 PROJECT CONTACT: HRGreen.com
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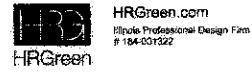
 HRGreen.com Illinois Professional Design Firm #186-091322	USER NAME = jattano FILE NAME = 09071-sum.dgn PLOT SCALE = N.T.S. PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	SUMMARY OF QUANTITIES CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS	F.A.I. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY TOTAL SHEETS 252 SHEET NO. 5	SCALE: N.T.S. SHEET NO. 2 OF 7 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	CONTRACT NO. 63633							

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
52000110	PREFORMED JOINT STRIP SEAL	FOOT	30.0		30.0				
52000216	FINGER PLATE EXPANSION JOINT, 5"	FOOT	28.0		28.0				
52000340	NEOPRENE EXPANSION JOINT 4"	FOOT	44		44				
52000365	NEOPRENE EXPANSION JOINT 6 1/2"	FOOT	44.3		44.3				
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	4		4				
52100030	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH	4		4				
52100520	ANCHOR BOLTS, 1"	EACH	64		64				
52100530	ANCHOR BOLTS, 1 1/4"	EACH	8		8				
54002020	EXPANSION BOLTS 3/4 INCH	EACH	16	16					
54003000	CONCRETE BOX CULVERTS	CU YD	14.0	14.0					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	17	17					
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1					
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5	5					
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,624	1,624					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	174	174					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	99	99					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	199	199					
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	171	171					
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	209	209					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,627	1,627					
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	448	448					
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	847	847					
550B0040	STORM SEWERS, CLASS B, TYPE 1 10"	FOOT	284	284					
55100500	STORM SEWER REMOVAL 12"	FOOT	490	490					
55100700	STORM SEWER REMOVAL 15"	FOOT	728	728					
55100900	STORM SEWER REMOVAL 18"	FOOT	55	55					
55101100	STORM SEWER REMOVAL 21"	FOOT	110	110					
55101200	STORM SEWER REMOVAL 24"	FOOT	73	73					
55101400	STORM SEWER REMOVAL 30"	FOOT	105	105					
55101600	STORM SEWER REMOVAL 36"	FOOT	76	76					
*56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1					
58700300	CONCRETE SEALER	SQ FT	784.4		784.4				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	208		48	160			
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE I FRAME, OPEN LID	EACH	1	1					
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE B GRATE	EACH	2	2					
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE II FRAME AND GRATE	EACH	11	11					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	10	10					
60207605	CATCH BASINS, TYPE C, TYPE B GRATE	EACH	7	7					
60207905	CATCH BASINS, TYPE C, TYPE II FRAME AND GRATE	EACH	35	35					
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	8	8					

- * SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 3 OF 7 SHEETS STA. TO STA.


F.A.U. R.T.E. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 6
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT CONTRACT NO. 63633		

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	17	17					
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	3	3					
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	21	21					
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	10	10					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1					
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE I FRAME, OPEN LID	EACH	1	1					
60500040	REMOVING MANHOLES	EACH	3	3					
60500050	REMOVING CATCH BASINS	EACH	3	3					
60500060	REMOVING INLETS	EACH	8	8					
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	1	1					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	8,616	8,616					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6,482	6,482					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	10,478	10,478					
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	8,319	8,319					
60624600	CORRUGATED MEDIAN	SQ FT	815	815					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	987.5	800.0					187.5
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1,187.5	1,187.5					
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3					
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2	2					
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3					
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6					
63200310	GUARDRAIL REMOVAL	FOOT	415	415					
* 66400305	CHAIN LINK FENCE, 6'	FOOT	20						20
* 66401900	CHAIN LINK GATES, 5' X 6' SINGLE	EACH	2						2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18					
67100100	MOBILIZATION	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	403	403					
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	39	39					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,662	4,662					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	370	370					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	56,120	56,120					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,065	1,065					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1,970	1,970					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	445	445					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	125	125					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	12,255	12,255					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,060	3,060					
70400100	TEMPORARY CONCRETE BARRIER	FOOT	499	499					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	137	137					
72000100	SIGN PANEL - TYPE 1	SQ FT	551	545			6		
72000200	SIGN PANEL - TYPE 2	SQ FT	60	35			25		

- * SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. Jettano
 CLIENT: MCHENRY COUNTY
 DATE: 7/23/2012
 FILE NAME: 090071-sum.dgn
 PLOT SCALE: N.T.S.
 PLOT DATE: 7/23/2012
 PEN TABLE: standard-trans.tbl



HRGreen.com
 Illinois Professional Design Firm
 # 184-001522

USER NAME = jettano	DESIGNED - JPA	REVISED -
FILE NAME = 090071-sum.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	4						4
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	185	185					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,395	21,395					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	485	485					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	230	230					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	60	60					
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3,190	3,190					
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	100	100					
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	36	36					
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	32	32					
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6					
78300100	PAVEMENT MARKING REMOVAL	SQ FT	8,350	8,350					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	20	20					
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1					1	
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1					1	
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1				1		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	391				102	50	239
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	172				172		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	21				21		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	464				309	155	
* 81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	700						700
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	620					620	
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	4					4	
* 81400100	HANDHOLE	EACH	3				3		
* 81400300	DOUBLE HANDHOLE	EACH	2				2		
* 81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND. (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,225					2,225	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,400						1,400
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	638					638	
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1,914					1,914	
* 81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	150					150	
* 82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	18					18	
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1					1	
* 83008200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. MAST ARM	EACH	6					6	
* 83008500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. MAST ARM	EACH	10					10	
* 83600355	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 6"	EACH	7					7	
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	6					6	
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	9					9	
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	6					6	
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	638					638	
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	835				835		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	557				557		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,639				1,639		

* SPECIALTY ITEM

X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: MCHENRY COUNTY
 FILE NAME: 090071-sum.dgn
 PLOT DATE: 7/23/2012
 PEN TABLE: standard-trans.tbl



HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

USER NAME = jettana	DESIGNED - JPA	REVISED -
FILE NAME = 090071-sum.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 8
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 63633

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,869				1,869		
87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	729				729		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	126				126		
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	726				726		
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1		
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3				3		
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1				1		
87700250	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1				1		
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1				1		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16				16		
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4				4		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	36				36		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4				4		
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3				3		
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1				1		
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2				2		
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1				1		
88030250	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1				1		
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2				2		
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	5				5		
88700200	LIGHT DETECTOR	EACH	2						2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1						1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2				2		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1		
89100400	ILLUMINATED SIGN, LED	EACH	3				3		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1		
X0323868	DRAINAGE RESTRICTOR	EACH	1	1					
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	326						326
X0325110	BIAXIAL GEOGRID	SQ YD	1,160	1,160					
X0326990	FURNISHING HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	12		12				
X0327262	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K (ERECT ONLY)	EACH	12		12				
X2010400	STUMP REMOVAL ONLY	UNIT	25	25					
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	1,008		103	905			
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3	3					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2					
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4					
X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	2,192	2,192					
X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	170	170					
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	1,175	1,175					
X7310110	BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL	EACH	15	15					

* SPECIALTY ITEM

X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRCGreen
 PROJECT CONTACT: J. J. Jett
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:10:05 AM
 FILE NAME: 09071-sum.dgn
 PLOT DRIVER: cadplot
 PEN TABLE: standard-tran.tbl



USER NAME = jett	DESIGNED - JPA	REVISED -
FILE NAME = 09071-sum.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 6 OF 7 SHEETS STA. TO STA.


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	9
CONTRACT NO.			63633	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES (CONTINUED)

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY 80% FEDERAL 20% LOCAL 0003	BRIDGE 80% FEDERAL 20% LOCAL 0008	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL 0021
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	14,550	14,550					
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3,030	3,030					
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	890	890					
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,040	1,040					
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	160	160					
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1				1		
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1				1		
XX005230	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	L SUM	1				1		
Z0005300	BOX CULVERTS TO BE CLEANED	EACH	1			1			
*Z0007120	WELDED WIRE FABRIC 6X6	SQ YD	4						4
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1				
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 IN.)	SQ FT	9		9				
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 IN.)	SQ FT	66		66				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	3.3		3.3				
Z0018002	DRAINAGE SCUPPER, DS-11	EACH	4		4				
Z0018010	DRAINAGE SCUPPER, DS-33	EACH	4		4				
Z0018800	DRAINAGE SYSTEM	L SUM	1		1				
Z0022800	FENCE REMOVAL	FOOT	1,956	1,956					
Z0026407	TEMPORARY SHEET PILING	SQ FT	740		740				
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2					
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	550	550					
Z0041895	POLYMER CONCRETE	CU FT	10.6		10.6				
3030001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	12,975	12,975					
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	72		72				
Z0062456	TEMPORARY PAVEMENT	SQ YD	3,400						
Z0066400	STABILIZED DRIVEWAYS 6"	SQ YD	446	446					
Z0066600	STABILIZED DRIVEWAYS 8"	SQ YD	700	700					
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1				1		
X Z0076600	TRAINEES	HOUR	2,000						
X Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2,000						
XX008695	LIGHT POLE, ALUMINUM, 40 FT. M.H.	EACH	1						1
XX008696	PROCUREMENT AND INSTALLATION OF RWIS	L SUM	1						1
XX008697	UNIT DUCT, 600V, 2-1C NO. 10 (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE	FOOT	750						750
XX008698	WET REFLECTIVE PREFORMED PLASTIC MARKINGS-LETTERS AND SYMBOLS	SQ FT	885						885
XX008699	WET REFLECTIVE PREFORMED PLASTIC MARKINGS, 4 INCH	FOOT	18,230						18,230
XX008700	WET REFLECTIVE PREFORMED PLASTIC MARKINGS, 6 INCH	FOOT	3,070						3,070
XX008701	WET REFLECTIVE PREFORMED PLASTIC MARKINGS, 8 INCH	FOOT	890						890
XX008702	WET REFLECTIVE PREFORMED PLASTIC MARKINGS, 12 INCH	FOOT	1,050						1,050
XX008703	WET REFLECTIVE PREFORMED PLASTIC MARKINGS, 24 INCH	FOOT	160						160

* SPECIALTY ITEM
X CONSTRUCTION TYPE CODE 0042

COMPANY NAME: HRCGreen.com
PROJECT CONTACT: HRCGreen.com
CLIENT: HRCGreen.com
DATE PLOTTED: 7/23/2012 10:12:09 AM
PLOT SCALE: N.T.S.
PLOT DRIVER: Standard-trans, Nil

 HRCGreen.com Illinois Professional Design Firm # 184-001922	USER NAME = jettone FILE NAME = 090071-sum.dgn PLOT SCALE = N.T.S. PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION		SUMMARY OF QUANTITIES CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS		F.A.U. RTE. = 3860 SECTION = 09-00372-00-PW COUNTY = MCHENRY FED. ROAD DIST. NO. = ILLINOIS	TOTAL SHEETS = 252 SHEET NO. = 10 CONTRACT NO. = 63633 ILLINOIS FED. AID PROJECT
	SCALE: N.T.S. SHEET NO. 7 OF 7 SHEETS STA. TO STA.								

SCHEDULE OF QUANTITIES - TREE REMOVAL

(20100110) TREE REMOVAL (6 TO 15 UNITS)		
STA.	OFFSET	UNIT
571+98.8	56.2' RT	14
578+72.2	61.1' RT	14
578+72.2	60.0' RT	12
578+72.2	59.0' RT	10
579+11.9	58.1' RT	14
579+52.8	63.0' RT	14
579+52.8	61.5' RT	14
579+71.0	44.2' LT	12
579+75.1	49.2' LT	12
579+74.6	50.4' LT	12
579+75.2	56.7' LT	12
579+75.2	54.0' LT	14
579+75.2	58.0' LT	12
579+78.3	58.2' LT	12
579+80.8	62.6' LT	8
579+80.8	64.0' LT	8
584+77.3	51.5' LT	8
584+82.9	51.0' LT	6
584+93.2	49.0' LT	8
585+04.6	43.7' LT	12
585+07.1	45.5' LT	8
587+37.0	46.6' LT	7
594+71.0	70.6' RT	8
594+71.0	72.0' RT	8
605+02.3	56.9' LT	12
605+11.2	59.5' LT	8
605+20.0	66.6' LT	6
605+16.1	52.3' LT	8
602+81.6	156.5' LT	6
602+95.3	167.6' LT	15
602+96.5	121.9' LT	6
603+04.5	140.1' LT	10
603+06.5	143.6' LT	10
603+11.8	142.9' LT	10
602+85.2	135.5' LT	12
602+85.2	137.0' LT	12
602+85.2	138.5' LT	10
603+07.4	121.0' LT	10
603+07.4	122.0' LT	10
603+07.4	123.0' LT	10
603+07.4	124.0' LT	10
605+02.3	83.8' RT	10
605+11.2	85.6' RT	10
605+20.0	95.7' RT	8
605+16.1	95.2' RT	6
595+06.2	35.8' LT	12
595+43.5	29.6' LT	6
595+46.0	29.8' LT	6
595+48.4	30.0' LT	6
595+49.1	29.9' LT	6
595+49.2	30.0' LT	6
595+84.6	22.4' LT	14
600+73.8	45.1' LT	14
601+16.8	53.8' LT	6
602+17.1	57.1' LT	6
602+17.1	58.1' LT	6
602+45.8	45.1' LT	8
602+47.3	27.0' LT	8
603+43.5	28.7' LT	12
603+53.0	26.0' LT	11
603+76.5	38.4' LT	6
604+72.3	42.3' LT	10
604+08.8	31.0' LT	12
604+07.3	29.2' LT	12
604+52.2	41.3' LT	14
604+65.1	38.8' LT	8
604+65.8	40.1' LT	8
604+58.9	57.8' LT	14
604+58.9	61.5' LT	14
604+58.9	63.0' LT	12
604+58.9	64.5' LT	6
604+58.9	66.0' LT	14
604+95.8	28.8' LT	10
604+96.8	30.3' LT	10
604+75.0	75.7' LT	8
604+83.8	87.9' LT	6
604+94.2	88.1' LT	8
605+32.5	78.4' LT	8
605+36.9	77.5' LT	8
605+34.1	49.0' LT	10
24+47.5	28.6' LT	10
24+74.0	24.1' LT	14
25+70.2	19.2' LT	12
16+15.5	29.6' LT	6

(20100110) TREE REMOVAL (6 TO 15 UNITS)		
STA.	OFFSET	UNIT
26+16.1	26.7' LT	6
27+00.6	43.1' LT	14
32+64.9	43.8' LT	12
27+79.8	28.6' LT	12
28+15.4	68.9' LT	6
28+68.0	88.7' LT	10
28+97.1	112.7' LT	6
28+98.2	126.1' LT	6
29+02.3	122.1' LT	6
29+03.3	122.3' LT	6
28+69.4	63.0' LT	8
28+66.2	72.8' LT	12
28+66.3	73.0' LT	12
29+34.4	122.3' LT	6
29+36.7	123.8' LT	6
29+40.6	199.5' LT	8
29+38.3	109.9' LT	6
29+52.7	117.5' LT	10
29+48.2	137.2' LT	10
34+78.9	24.7' LT	12
35+39.3	50.2' LT	14
35+39.3	52.0' LT	10
35+55.2	16.6' LT	14
36+93.1	20.5' LT	12
37+04.8	20.7' LT	14
37+47.6	17.3' LT	14
37+63.0	22.1' LT	10
38+14.2	26.4' LT	14
38+14.2	24.0' LT	12
38+17.3	31.3' LT	6
29+20.7	21.7' LT	12
39+52.2	26.7' LT	6
39+93.1	20.7' LT	7
40+04.0	20.3' LT	10
40+04.0	21.5' LT	8
40+65.8	18.3' LT	8
41+23.0	21.2' LT	10
41+23.0	23.0' LT	8
41+30.5	20.2' LT	14
41+65.4	18.2' LT	6
41+77.5	23.1' LT	14
42+40.9	20.3' LT	8
42+46.3	18.9' LT	8
43+68.9	18.6' LT	8
43+68.9	20.0' LT	6
43+74.8	18.0' LT	6
43+84.4	17.8' LT	6
43+93.9	19.7' LT	6
44+00.1	19.5' LT	12
44+21.6	19.2' LT	10
44+22.6	19.8' LT	6
44+32.2	19.8' LT	6
44+36.7	19.5' LT	10
44+41.0	20.1' LT	6
44+45.7	19.8' LT	10
44+48.1	18.5' LT	10
44+48.1	20.0' LT	6
44+46.3	19.1' LT	10
40+50.1	21.7' LT	8
40+50.1	22.5' LT	7
40+50.1	23.5' LT	6
40+50.1	24.5' LT	6
12+16.0	9.2' LT	6
12+49.0	24.1' LT	8
12+57.0	57.7' LT	8
16+53.5	3.9' LT	12
16+73.3	11.0' LT	15
16+95.3	25.9' LT	15
12+46.1	76.0' RT	10
12+45.2	63.3' RT	12
12+45.3	55.4' RT	12
12+46.5	43.6' RT	10
12+11.6	3.3' RT	6
12+36.0	12.1' RT	12
12+57.0	1.2' RT	8
16+24.0	90.2' RT	10
16+24.0	92.0' RT	12
16+24.0	94.0' RT	12
16+24.5	91.7' RT	12
16+23.7	92.9' RT	12
16+23.5	95.5' RT	8
16+21.6	109.3' RT	10
16+21.6	105.0' RT	10
16+20.1	119.7' RT	14

(20100110) TREE REMOVAL (6 TO 15 UNITS)		
STA.	OFFSET	UNIT
16+20.1	121.0' RT	12
16+42.9	12.0' RT	12
16+54.6	1.6' RT	6
16+26.9	69.3' RT	8
16+23.7	55.7' RT	6
16+33.0	59.5' RT	8
16+30.2	53.8' RT	8
16+35.0	50.7' RT	8
16+32.3	45.3' RT	8
16+36.2	41.9' RT	15
TOTAL:		1,708

(20100210) TREE REMOVAL (OVER 15 UNITS)		
STA.	OFFSET	UNIT
571+98.8	56.2' RT	20
580+08.0	73.6' RT	20
600+85.1	50.6' LT	26
600+87.3	28.0' LT	30
601+09.1	29.1' LT	42
601+71.4	53.6' LT	16
603+67.1	58.3' LT	36
604+10.6	27.8' LT	24
604+46.6	67.3' LT	32
604+58.9	57.8' LT	16
604+53.8	30.3' LT	28
605+24.5	89.3' LT	34
605+24.7	131.1' LT	24
593+90.7	77.8' RT	18
594+66.4	71.6' RT	20
604+64.2	94.2' RT	30
26+93.6	34.3' LT	24
27+21.4	42.4' LT	24
27+63.0	43.9' LT	16
27+64.1	39.1' LT	16
25+57.8	26.1' LT	20
27+40.8	51.2' LT	48
27+83.1	70.7' LT	16
28+02.7	69.9' LT	20
28+04.1	83.5' LT	18
28+20.4	90.9' LT	36
28+32.5	76.6' LT	22
28+51.8	98.4' LT	18
28+56.1	79.3' LT	32
28+83.7	124.4' LT	16
28+95.2	119.6' LT	18
27+85.0	52.7' LT	16
28+04.1	55.9' LT	16
28+46.8	49.4' LT	24
28+73.1	79.1' LT	40
29+04.5	93.5' LT	20
29+20.0	105.9' LT	16
29+24.3	115.1' LT	24
29+25.5	115.5' LT	18
29+29.5	94.9' LT	30
29+36.0	98.2' LT	16
29+47.3	114.2' LT	16
35+40.6	40.4' LT	20
35+96.9	18.5' LT	24
36+18.8	19.5' LT	20
36+70.6	20.3' LT	18
36+82.3	20.1' LT	18
37+15.1	20.4' LT	16
37+27.2	20.4' LT	18
38+14.2	26.4' LT	18
39+87.3	19.1' LT	16
41+86.2	30.9' LT	16
42+12.4	29.1' LT	20
42+73.1	28.2' LT	20
43+01.5	28.3' LT	22
43+83.0	28.3' LT	20
16+24.0	90.2' RT	24
16+21.6	109.3' RT	16
16+20.1	119.7' RT	16
16+31.0	61.4' RT	24
TOTAL:		1,342

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
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 PLOT DRIVER: pdfplot
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PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTEL: 3860	SECTION: 09-00372-00-PW	COUNTY: MCHENRY	TOTAL SHEETS: 252	SHEET NO.: 11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63633		

(60619600) CONCRETE MEDIAN, TYPE SB-6.12			
STATION	TO	STATION	AREA (SQ FT)
524+28.0		574+46.5	1,524.2
583+21.5		589+91.5	4,842.7
602+88.0		605+14.2	1,951.7
			8,318.6

(Z0022800) FENCE REMOVAL					
STATION	OFFSET	TO	STATION	OFFSET	LENGTH
578+27.6	60.0' RT		579+52.9	63.7' RT	136
589+42.7	26.1' LT		591+61.6	25.1' LT	224
593+37.7	83.1' RT		594+39.5	47.0' RT	137
602+45.4	62.9' LT		602+48.3	28.7' LT	34
594+39.7	3.2' RT		594+55.5	30.6' LT	37
25+17.8	29.2' LT		25+86.6	21.3' LT	78
25+85.5	41.6' LT		26+86.1	26.0' LT	123
31+45.0	39.8' LT		35+23.2	39.5' LT	388
35+39.8	60.0' LT		36+23.7	16.8' LT	124
36+50.1	40.6' LT		37+38.6	60.0' LT	150
38+05.8	60.0' LT		38+40.5	19.4' LT	71
38+92.4	19.8' LT		43+23.6	18.3' LT	431
41+70.9	60.0' LT		41+73.4	37.5' LT	23
TOTAL:					1,956

(63100070) TRAFFIC BARRIER TERMINAL, TYPE 5					
STATION	OFFSET	TO	STATION	OFFSET	EACH
594+25.6	37.3' LT		594+40.2	37.3' LT	1
594+25.6	8.57' LT		594+40.2	8.25' LT	1
TOTAL:					2

(63100085) TRAFFIC BARRIER TERMINAL, TYPE 6					
STATION	OFFSET	TO	STATION	OFFSET	EACH
594+37.7	37.3' LT		594+40.2	37.3' RT	1
601+24.5	37.25' LT		601+68.2	37.4' LT	1
601+24.5	7.34' LT		601+68.2	7.23' LT	1
TOTAL:					3

(63200310) GUARDRAIL REMOVAL					
STATION	OFFSET	TO	STATION	OFFSET	LENGTH
592+21.5	40.5' RT		594+55.9	36.9' RT	229
593+27.2	2.9' LT		594+52.1	4.7' RT	125
602+50.0	25.6' LT		603+11.2	25.9' LT	61
TOTAL:					415.0

(63000001) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS					
STATION	OFFSET	TO	STATION	OFFSET	LENGTH
591+84.3	7.4' RT		593+96.8	3.9' RT	212.5
592+38.1	9.0' LT		594+25.6	8.57' LT	187.5
601+68.2	7.23' LT		602+43.2	7.9' LT	75.0
24+11.8	18.6' RT		29+38.7	29.6' RT	525.0
TOTAL:					1,000.0

(42400300) PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH				
STATION	TO	STATION	OFFSET	AREA (SQ FT)
582+24.4		582+45.7	RT	173.1
583+13.3		583+28.5	RT	135.4
605+49.6		605+71.1	RT	234.5
29+58.8		29+72.4	RT	135.3
TOTAL:				678.3

(63000003) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS					
STATION	OFFSET	TO	STATION	OFFSET	LENGTH
584+88.9	34.8' LT		587+70.2	34.8' LT	287.5
591+12.1	33.6' RT		594+24.6	37.3' LT	312.5
590+71.8	42.0' LT		593+96.8	37.5' LT	325.0
601+37.7	37.7' LT		604+25.2	44.3' LT	287.5
TOTAL:					1,212.5

COMPANY NAME: HRGreen
 PROJECT CONTACT: jattano
 DATE PLOTTED: 7/23/2012 11:11:42 AM
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PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

EARTHWORK - CHARLES J. MILLER ROAD

MILLER STATION	STAGE 1 (CU YD)		STAGE 2 (CU YD)	
	UNSUITABLE	FURNISHED EXCAVATION	UNSUITABLE	FURNISHED EXCAVATION
567+00.00				
567+50.00	27.1	20.3	0.0	3.2
568+00.00	39.4	27.6	0.0	3.6
568+50.00	53.2	44.0	0.0	4.4
569+00.00	59.8	52.7	9.1	6.0
569+50.00	73.2	40.0	25.7	5.6
570+00.00	87.5	38.8	41.0	5.5
570+50.00	90.4	49.6	54.2	7.1
571+00.00	83.6	36.9	104.2	5.6
571+50.00	82.5	21.0	155.4	2.1
572+00.00	137.3	18.9	179.5	2.3
572+50.00	227.0	11.9	208.6	3.4
573+00.00	285.0	3.4	233.1	3.5
573+50.00	311.9	2.4	244.6	2.9
574+00.00	277.7	4.2	225.5	5.9
574+50.00	217.5	7.2	197.9	27.3
574+83.87	159.1	7.3	129.3	51.7
575+00.00	76.5	9.3	62.5	34.9
575+50.00	474.4	35.9	192.3	108.9
576+00.00	1,293.5	31.3	192.9	118.2
576+50.00	1,728.5	27.6	194.5	128.3
577+00.00	1,565.7	22.9	193.8	124.9
577+50.00	1,626.2	28.9	189.9	109.8
578+00.00	1,938.8	27.2	186.9	102.9
578+50.00	2,278.7	19.2	185.8	106.9
579+00.00	2,473.8	43.5	128.1	145.9
579+50.00	2,189.4	47.5	138.2	149.1
580+00.00	1,091.6	29.1	219.9	180.7
580+50.00	319.4	90.5	234.9	218.8
581+00.00	672.2	111.5	234.3	186.6
581+50.00	1,146.6	78.2	231.6	173.1
582+00.00	1,241.4	73.1	231.7	139.0
582+50.00	1,095.7	46.9	260.4	73.3
582+79.90	565.8	16.4	294.2	11.6
583+00.00	370.9	13.4	239.6	2.5
583+50.00	804.4	51.6	332.3	5.6
584+00.00	582.1	64.5	152.9	4.5
584+50.00	349.6	66.7	124.2	1.2
585+00.00	167.5	90.1	110.6	2.9
585+50.00	116.6	100.0	113.1	22.2
586+00.00	130.9	108.8	112.5	50.6
586+50.00	136.8	151.2	99.6	51.5
587+00.00	140.5	184.5	89.2	40.0
587+50.00	138.3	209.9	85.6	39.4
588+00.00	142.8	235.9	83.4	36.9
588+50.00	154.8	259.9	81.9	30.5
589+00.00	165.7	276.0	83.1	23.0
589+50.00	175.6	296.3	95.1	43.0
590+00.00	195.8	239.7	106.6	38.1
590+27.81	159.4	100.9	59.9	4.5
590+50.00	132.5	89.7	47.8	3.3
591+00.00	220.5	293.7	107.2	8.7
591+50.00	200.5	401.5	99.0	6.9
592+00.00	191.7	458.8	90.2	8.1
592+50.00	187.5	520.9	92.8	12.1
593+00.00	184.5	591.2	106.4	26.3
593+50.00	172.0	685.4	130.4	72.0
594+00.00	151.4	778.0	165.5	127.8

EARTHWORK - CHARLES J. MILLER ROAD (CONT.)

MILLER STATION	STAGE 1 (CU YD)		STAGE 2 (CU YD)	
	UNSUITABLE	FURNISHED EXCAVATION	UNSUITABLE	FURNISHED EXCAVATION
594+21.72	59.9	360.0	82.5	60.3
594+50.00	77.4	513.8	112.6	94.0
594+51.21	3.4	24.1	5.0	5.1
BRIDGE OMMISION				
600+50.00				
601+00.00	195.2	2.6	0.0	0.0
601+08.46	47.8	77.8	15.9	17.3
601+40.44	175.5	514.4	124.8	107.3
601+50.00	58.0	128.7	38.0	21.7
602+00.00	305.0	573.9	173.6	67.8
602+50.00	423.1	451.8	143.8	55.8
602+88.00	399.7	299.6	94.5	44.4
603+00.00	116.3	89.5	27.4	11.6
603+50.00	300.6	340.6	108.6	46.2
604+00.00	131.9	310.6	102.9	37.1
604+50.00	148.8	358.9	106.4	31.9
604+58.70	28.9	71.3	21.3	7.6
605+00.00	158.2	321.2	105.8	34.4
605+50.00	318.2	246.1	153.1	25.6
606+00.00	293.1	62.4	93.1	12.4
606+03.78	6.1	0.0	0.0	0.0
TOTAL				
	32,610.0	12,141.1	9,498.0	3,595.2
	(CU YD)	(CU YD)	(CU YD)	(CU YD)

EARTHWORK - WASTEWATER TREATMENT PLANT ACCESS DRIVE

WWTP ACCESS AND BERM	STAGE 1 (CU YD)		STAGE 2 (CU YD)	
	UNSUITABLE	FURNISHED	UNSUITABLE	FURNISHED
TOTAL	4,281.7	2,748.0	0.0	0.0

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm #184-001522
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 PLOT DRIVER: pdf.plt
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	PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS			
SCALE: N.T.S.	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.

F.A.J. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

EARTHWORK - RIVER ROAD

PRIVER STATION	STAGE 1 (CU YD)		STAGE 2 (CU YD)		STAGE 3 (CU YD)	
	UNSUITABLE	FURNISHED EXCAVATION	UNSUITABLE	FURNISHED EXC	UNSUITABLE	FURNISHED EXCAVATION
19+40.00						
19+50.00	11.1	2.6	9.7	3.1	0.0	0.0
20+00.00	57.3	41.8	49.1	31.9	31.7	0.0
20+50.00	56.5	40.0	36.5	31.6	62.7	0.0
21+00.00	68.3	20.3	36.9	26.4	61.2	0.0
21+22.88	56.9	4.2	18.2	10.6	27.1	0.0
21+50.00	59.0	3.2	23.7	13.8	30.5	0.0
22+00.00	47.7	18.7	52.2	23.3	52.2	0.0
22+50.00	57.7	27.6	61.5	21.3	45.1	0.0
23+00.00	60.2	19.9	60.2	17.1	37.5	0.0
23+50.00	69.2	10.1	63.1	7.0	38.8	0.0
23+67.29	55.9	1.7	25.7	1.0	14.9	0.0
24+00.00	105.0	5.6	49.9	5.8	28.5	0.0
24+50.00	74.1	16.6	77.4	10.9	44.1	0.0
25+00.00	90.2	25.0	83.5	7.4	45.0	0.0
25+50.00	99.6	18.9	93.3	17.7	47.1	0.0
26+00.00	107.0	21.5	101.8	35.0	46.3	0.0
26+50.00	106.8	84.9	96.9	52.3	46.1	0.0
27+00.00	100.7	176.1	85.7	53.0	54.6	0.0
27+50.00	121.0	209.3	78.1	48.6	64.7	0.0
28+00.00	113.8	170.0	77.0	50.8	70.8	0.0
28+50.00	94.5	97.3	78.0	49.1	75.3	0.0
29+00.00	93.1	62.9	83.6	40.9	67.0	0.0
29+50.00	80.6	37.3	99.7	28.9	55.3	0.0
29+65.61	22.6	1.9	34.6	5.6	20.6	0.0
30+00.00	163.4	4.0	75.1	13.9	54.8	0.0
30+23.41	120.2	0.1	49.6	11.1	37.8	0.0
30+50.00	43.1	0.4	57.3	6.8	46.0	0.0
31+00.00	152.8	276.9	107.8	11.1	61.4	0.0
31+50.00	196.4	316.3	103.1	14.6	30.6	0.0
32+00.00	123.5	64.2	102.6	15.1	26.6	0.0
32+50.00	119.4	39.3	108.8	16.7	15.6	0.0
33+00.00	129.4	33.2	115.0	19.4	5.6	0.0
33+50.00	144.6	35.2	119.5	20.1	6.7	0.0
34+00.00	154.4	45.1	127.1	17.3	17.9	0.0
34+50.00	149.6	72.0	134.7	15.9	26.9	0.0
35+00.00	127.1	120.6	132.5	18.3	26.9	0.0
35+27.39	65.4	63.8	70.9	11.8	12.8	0.0
35+50.00	50.9	49.7	59.6	11.1	10.5	0.0
36+00.00	100.8	157.9	139.5	21.8	25.2	0.0
36+42.07	101.6	104.3	125.2	13.6	23.6	0.0
36+50.00	20.3	13.0	24.1	2.5	4.6	0.0
37+00.00	114.1	144.4	149.7	16.6	27.4	0.0
37+50.00	104.2	170.9	144.2	16.8	25.6	0.0
38+00.00	97.4	98.2	140.4	17.0	24.8	0.0
38+50.00	110.4	52.3	139.0	17.9	23.7	0.0
39+00.00	115.7	73.1	138.0	19.0	22.4	0.0
39+50.00	107.9	95.9	135.0	17.5	21.2	0.0
40+00.00	93.8	71.4	130.5	17.3	20.2	0.0
40+50.00	80.2	54.2	128.5	20.6	19.3	0.0
41+00.00	90.1	37.8	130.5	20.5	18.8	0.0
41+50.00	136.0	8.1	131.2	18.0	18.9	0.0
42+00.00	188.9	6.5	129.1	11.9	17.8	0.0
42+50.00	177.1	5.9	122.9	11.2	15.9	0.0
43+00.00	140.7	16.7	115.3	19.4	14.4	0.0
43+45.66	66.9	20.5	89.4	21.4	8.9	0.6

EARTHWORK - RIVER ROAD (CONT.)

PRIVER STATION	STAGE 1 (CU YD)		STAGE 2 (CU YD)		STAGE 3 (CU YD)	
	UNSUITABLE	FURNISHED EXCAVATION	UNSUITABLE	FURNISHED EXC	UNSUITABLE	FURNISHED EXCAVATION
43+50.00	1.5	1.4	7.2	1.4	0.5	0.1
43+57.77	5.7	3.9	12.7	1.9	0.9	0.2
44+00.00	47.8	39.3	65.2	25.1	3.8	0.4
44+50.00	63.1	64.5	69.2	44.3	5.2	0.0
44+90.95	89.0	28.8	50.0	33.5	12.4	0.0
45+00.00	22.9	0.2	10.0	6.5	4.6	0.0
45+40.00	50.9	6.8	35.0	21.7	31.6	0.0
TOTAL	5,675.8	3,514.0	5,201.7	1,213.6	1,838.6	1.3
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)

LOCATION	20201200	20400800	Z20042002
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	FURNISHED EXCAVATION	POROUS GRANULAR EMBANKMENT, SUBGRADE
MILLER ROAD	42,108	15,736	0
RIVER ROAD	12,716	4,729	0
WWTP ACCESS DRIVE AND BURM	4,282	2,748	0
PGE INSTALLATION *	12,975	0	12,975
RETAINING WALL INSTALLATION	210	0	0
TOTAL	72,291	23,213	12,975

* THE QUANTITY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL HAS BEEN ESTIMATED AND INCLUDED IN THE SUMMARY OF QUANTITIES TO ACCOUNT FOR INSTALLATION OF PGES. SEE NOTE 17 ON THE GENERAL NOTES.

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
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 FILE NAME: 090071-sch-01.dgn
 PLOT DRIVER: pdf.plt
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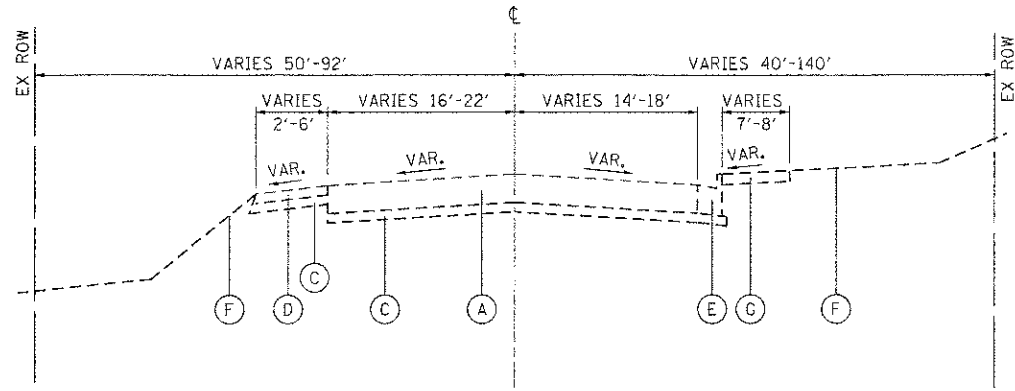
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	PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

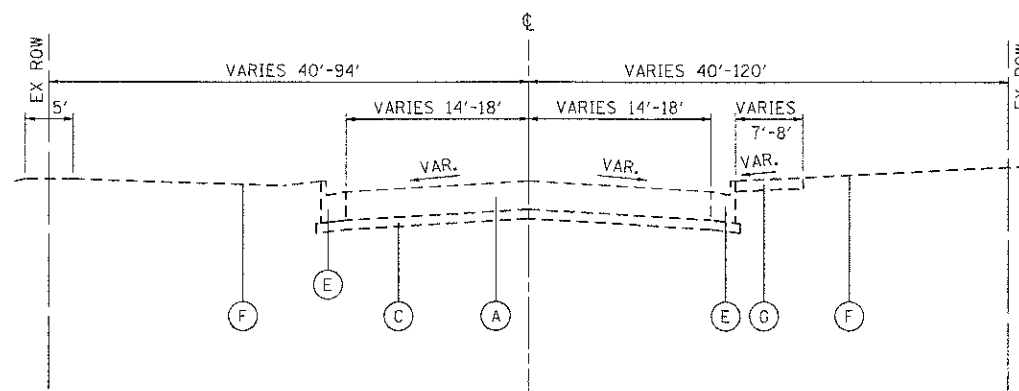
SCHEDULE OF QUANTITIES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

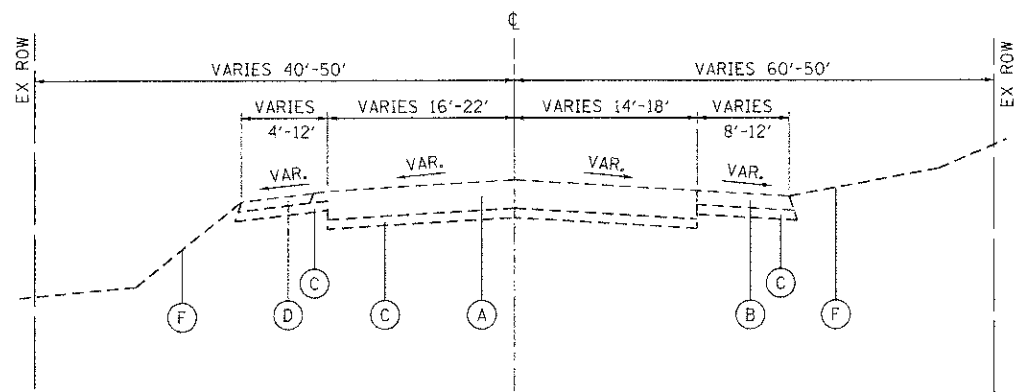
F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT CONTRACT NO. 63633	



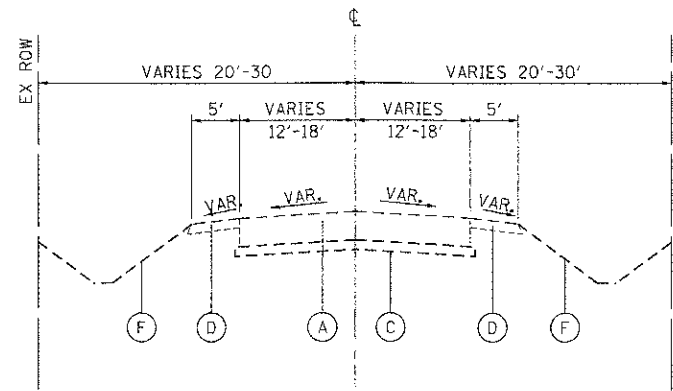
EXISTING CHARLES J. MILLER ROAD
STA. 567+00 TO STA. 574+50



EXISTING CHARLES J. MILLER ROAD
STA. 601+30 TO STA. 606+04

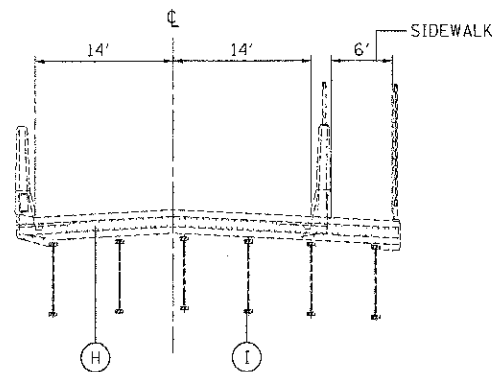


EXISTING CHARLES J. MILLER ROAD
STA. 574+50 TO STA. 594+32



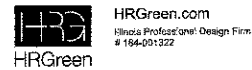
EXISTING RIVER ROAD
STA. 19+00 TO STA. 45+40

- EXISTING TYPICAL SECTION LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES (6" TO 10")
 - (B) HOT-MIX ASPHALT SHOULDERS
 - (C) SUBBASE GRANULAR MATERIAL
 - (D) AGGREGATE SHOULDERS
 - (E) COMBINATION CONCRETE CURB AND GUTTER
 - (F) EXISTING GRADE
 - (G) HOT-MIX ASPHALT PAVEMENT, BIKE PATH
 - (H) REINFORCED CONCRETE SLAB (SEE STRUCTURAL PLAN)
 - (I) STEEL GIRDER (SEE STRUCTURAL PLAN)



EXISTING CHARLES J. MILLER ROAD BRIDGE
STA. 594+32 TO STA. 601+30

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jattana
 DATE PLOTTED: 7/23/2012 10:05:53 AM
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 PLOT DRIVER: pdfcut
 PEN TABLE: standard-trans.tbl



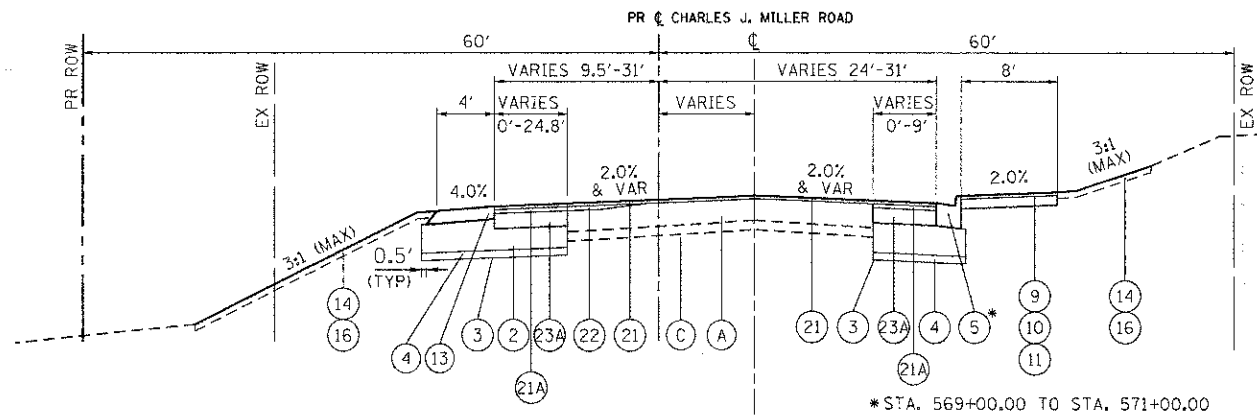
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FILE NAME = 090071-1-up-01.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. NO. 3880	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	



PROPOSED CHARLES J. MILLER ROAD

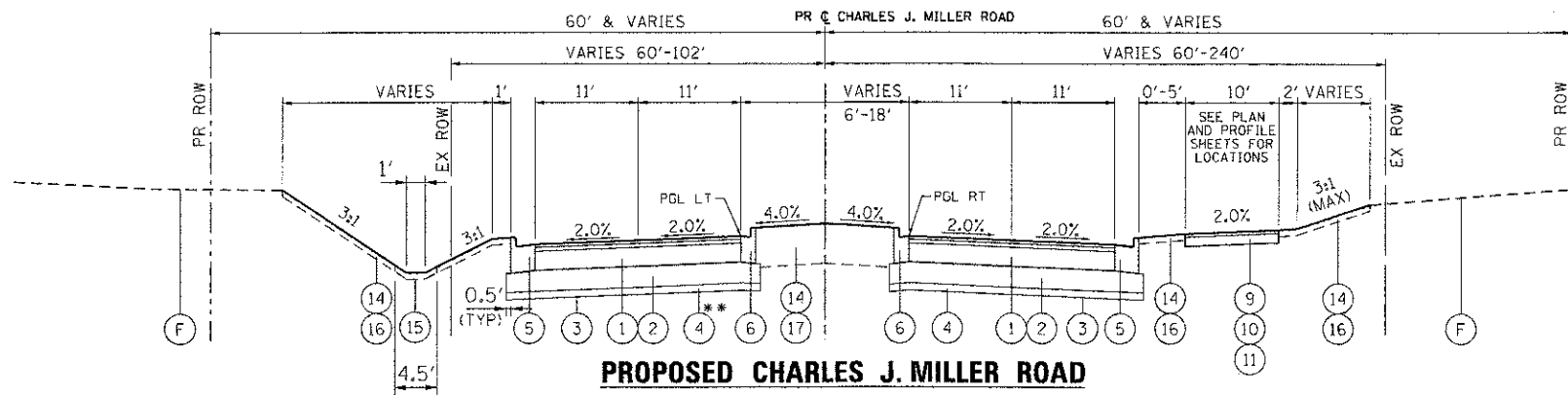
STA 565+87.00 TO STA 571+00.00

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES (6" TO 10")
- (B) HOT-MIX ASPHALT SHOULDERS
- (C) SUBBASE GRANULAR MATERIAL
- (D) AGGREGATE SHOULDERS
- (E) COMBINATION CONCRETE CURB AND GUTTER
- (F) EXISTING GRADE
- (G) HOT-MIX ASPHALT PAVEMENT, BIKE PATH
- (H) REINFORCED CONCRETE SLAB (SEE STRUCTURAL PLAN)
- (I) STEEL GIRDER (SEE STRUCTURAL PLAN)

PROPOSED TYPICAL SECTION LEGEND

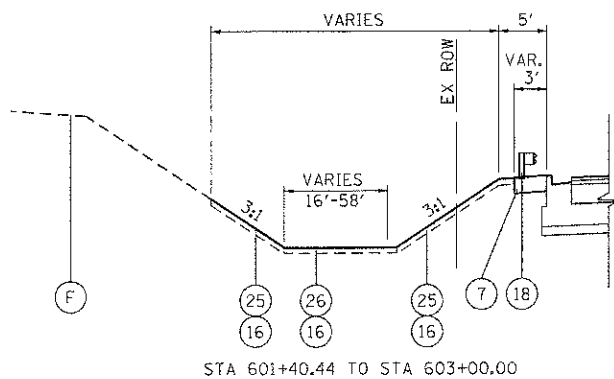
- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- (4) POROUS GRANULAR EMBANKMENT, SUBGRADE (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) HOT-MIX ASPHALT SHOULDERS, 6"
- (8) CONCRETE MEDIAN, TYPE SB-6.12
- (9) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (10) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4"
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- (12) HOT-MIX ASPHALT SHOULDERS, 8"
- (13) AGGREGATE SHOULDERS, TYPE B, 6"
- (14) SEEDING, CLASS 2A
- (15) SODDING, SALT TOLERANT
- (16) TOPSOIL FURNISH AND PLACE, 4"
- (17) TOPSOIL, FURNISH AND PLACE, 24"
- (18) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (19) REINFORCED CONCRETE SLAB, 7 1/4" (SEE STRUCTURAL PLAN)
- (20) WEB STEEL PLATE GIRDER, 50" (SEE STRUCTURAL PLAN)
- (21) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (21A) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90; 2 1/2"
- (22) LEVELING BINDER (MACHINE METHOD), N70, VARIES 0"-1"
- (23) HOT-MIX ASPHALT BASE COURSE, 6"
- (23A) HOT-MIX ASPHALT BASE COURSE WIDENING 6"
- (24) AGGREGATE SUBGRADE IMPROVEMENT 4"
- (25) SEEDING, CLASS 4A
- (26) SEEDING, CLASS 4B
- (27) CONCRETE MEDIAN SURFACE, 4 INCH



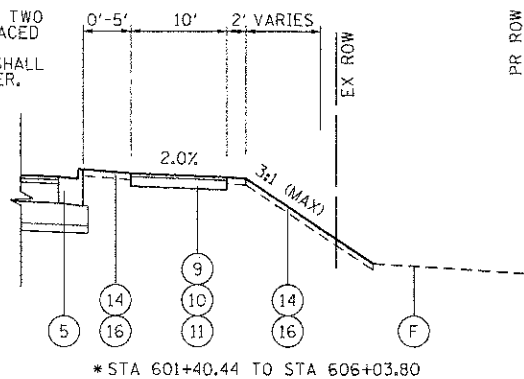
PROPOSED CHARLES J. MILLER ROAD

STA 571+00.00 TO STA 575+00.00
STA 601+40.44 TO STA 606+03.78 *

** AS INDICATED BY SOILS REPORT AND DIRECTED BY THE ENGINEER REMEDIAL WORK FOR WESTBOUND LANES (WIDENING ON NORTH SIDE) BETWEEN STATIONS 588+00 TO 590+00 SHALL INCLUDE TWO FEET OF TOPSOIL TO BE STRIPPED AND REPLACED WITH TWO FEET OF PGES CONTAINING BX1200 GEGRID OR APPROVED EQUAL. THE GEGRID SHALL BE PLACED IN THE MIDDLE OF THE PGES LAYER.



STA 601+40.44 TO STA 603+00.00



* STA 601+40.44 TO STA 606+03.78

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	PERCENT AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT - MILLER AND RIVER ROAD	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 2"	4% @ 90 GYR.
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 2 1/2"	4% @ 90 GYR.
HMA BINDER COURSE, IL-19.0, N90; 9 1/2" (IN 3 LIFTS)	4% @ 90 GYR.
WWTP ACCESS DRIVE	
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); 6" (IN 2 LIFTS)	4% @ 50 GYR.
PAVEMENT WIDENING	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 2"	4% @ 90 GYR.
POLYMERIZED HMA BINDER COURSE, IL-19.0, N90; 2 1/2"	4% @ 90 GYR.
HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm); N90; 6" (IN 2 LIFTS)	4% @ 90 GYR.
RESURFACING	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 2"	4% @ 90 GYR.
LEVELING BINDER (MACHINE METHOD), N70	4% @ 70 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); PE -4", CE - 6" (IN 2 LIFTS)	4% @ 50 GYR.
SHOULDERS	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5mm); 2"	4% @ 90 GYR.
HMA SHOULDER (HMA BINDER IL-19 mm); 6" (IN 2 TO 3 LIFTS)	4% @ 50 GYR.
SHARED-USE PATH	
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4% @ 50 GYR.
HMA BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER, IL-19mm)	4% @ 70 GYR.
TEMPORARY PAVEMENT	
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4% @ 50 GYR.
TEMP PAVEMENT (HMA BINDER IL-19 mm); 8" (IN 3 LIFTS)	4% @ 50 GYR.

1. THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 3. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
 NOTE: THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

STRUCTURAL PAVEMENT DESIGN			
STRUCTURAL DESIGN TRAFFIC:	YEAR:	2022	
PV = 23,232	SU = 1,848	MU = 1,320	
ROAD/STREET CLASSIFICATION: URBAN MINOR ART.	CLASS	I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 88%	S = 7%	M = 5%	
TRAFFIC FACTOR:	ACTUAL TF = 7.96	AC TYPE = 20	
	MINIMUM TF = 3.56		
PG GRADE: BINDER = 64-28	SURFACE = 64-28		
SUBGRADE SUPPORT RATING:			
SSR = POOR	(STA. 514+25.00	TO	594+61.34
SSR = POOR	(STA. 601+16.01	TO	606+03.80

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jstana
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:59 AM
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 PLOT DRIVER: pdf.plt
 PLOT TABLE: standard-trans.tbl



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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

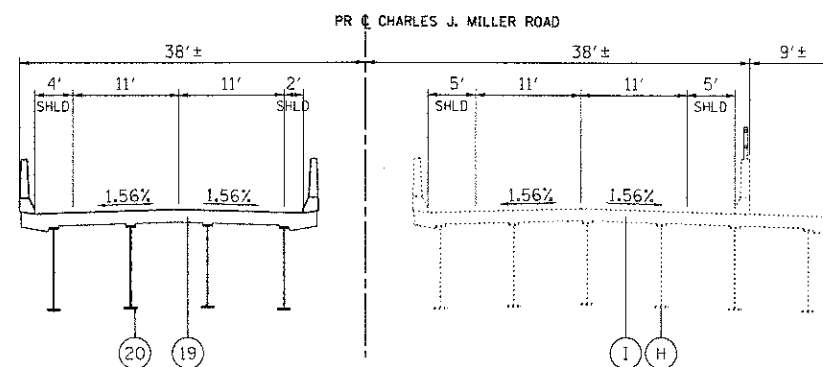
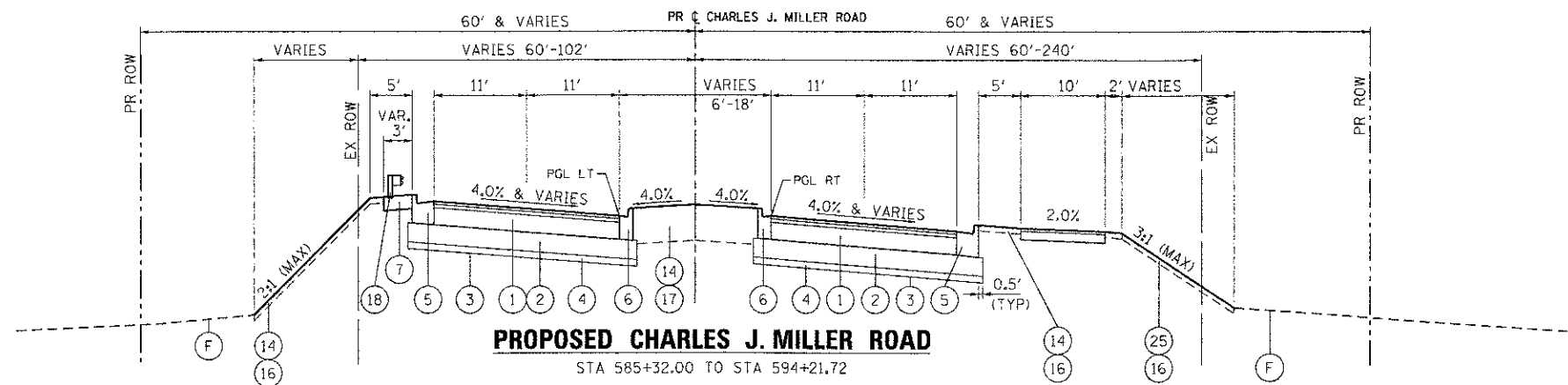
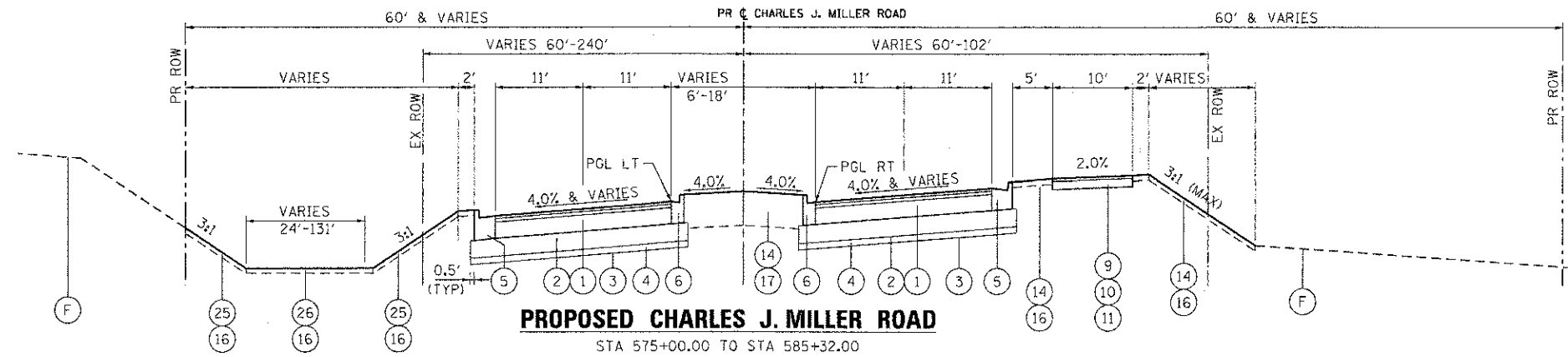
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES (6" TO 10")
- (B) HOT-MIX ASPHALT SHOULDERS
- (C) SUBBASE GRANULAR MATERIAL
- (D) AGGREGATE SHOULDERS
- (E) COMBINATION CONCRETE CURB AND GUTTER
- (F) EXISTING GRADE
- (G) HOT-MIX ASPHALT PAVEMENT, BIKE PATH
- (H) REINFORCED CONCRETE SLAB (SEE STRUCTURAL PLAN)
- (I) STEEL GIRDER (SEE STRUCTURAL PLAN)

PROPOSED TYPICAL SECTION LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"
- (2) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (3) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- (4) POROUS GRANULAR EMBANKMENT, SUBGRADE (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) HOT-MIX ASPHALT SHOULDERS, 6"
- (8) CONCRETE MEDIAN, TYPE SB-6.12
- (9) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- (10) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4"
- (11) SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- (12) HOT-MIX ASPHALT SHOULDERS, 8"
- (13) AGGREGATE SHOULDERS, TYPE B, 6"
- (14) SEEDING, CLASS 2A
- (15) SODDING, SALT TOLERANT
- (16) TOPSOIL FURNISH AND PLACE, 4"
- (17) TOPSOIL, FURNISH AND PLACE, 24"
- (18) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (19) REINFORCED CONCRETE SLAB, 7 1/4" (SEE STRUCTURAL PLAN)
- (20) WEB STEEL PLATE GIRDER, 50" (SEE STRUCTURAL PLAN)
- (21) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (21A) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90; 2 1/2"
- (22) LEVELING BINDER (MACHINE METHOD), N70, VARIES 0"-1"
- (23) HOT-MIX ASPHALT BASE COURSE, 6"
- (23A) HOT-MIX ASPHALT BASE COURSE WIDENING 6"
- (24) AGGREGATE SUBGRADE IMPROVEMENT 4"
- (25) SEEDING, CLASS 4A
- (26) SEEDING, CLASS 4B
- (27) CONCRETE MEDIAN SURFACE, 4 INCH



PROPOSED CHARLES J. MILLER ROAD BRIDGE

STA 594+21.72 TO STA 601+40.44

SEE STRUCTURAL PLANS FOR DETAILED TYPICAL SECTIONS

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. J. J. J.
 DATE PLOTTED: 7/23/2012 11:20:05 AM
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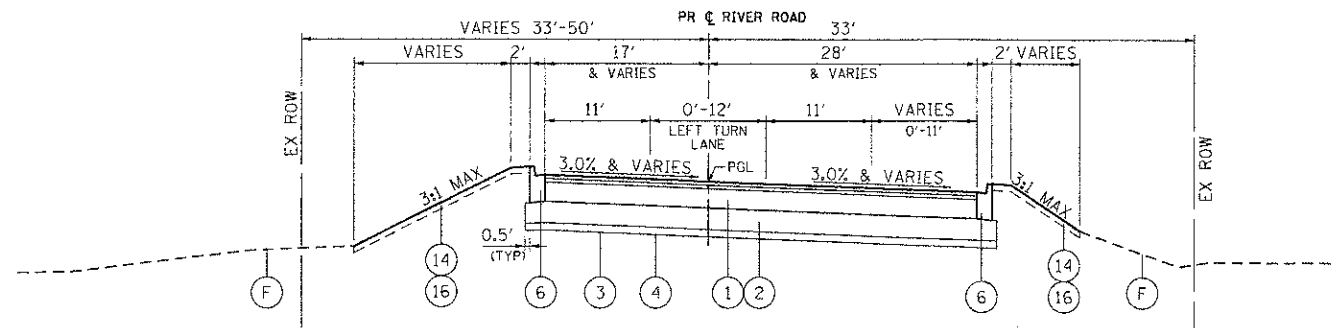
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PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

MCHENRY COUNTY DIVISION OF TRANSPORTATION

TYPICAL SECTIONS CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

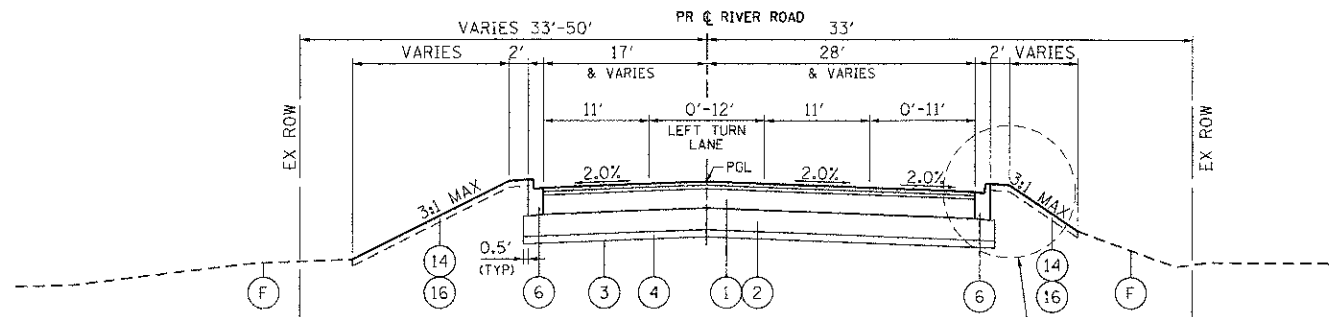
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	17
FED. ROAD DIST. NO.			CONTRACT NO. 63633	
ILLINOIS FED. AID PROJECT				



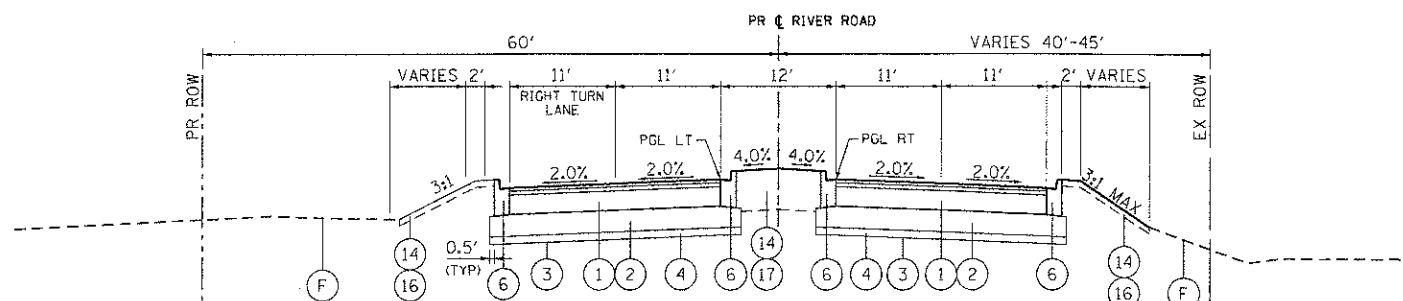
PROPOSED RIVER ROAD

STA 15+92.00 TO STA 26+10.35



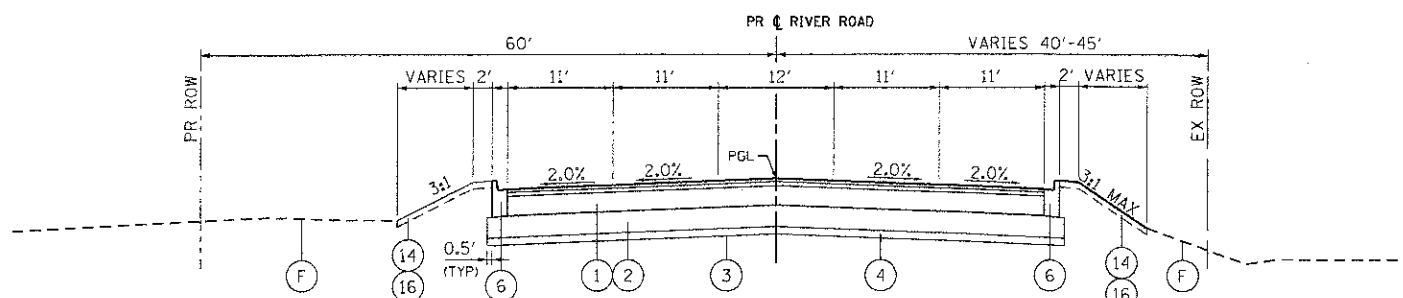
PROPOSED RIVER ROAD

STA 26+10.35 TO STA 31+00.00



PROPOSED RIVER ROAD

STA 31+00.00 TO STA 36+00.00



PROPOSED RIVER ROAD

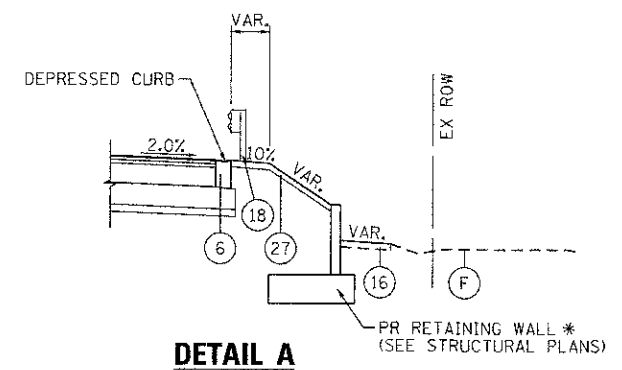
STA 36+00.00 TO STA 43+00.00

PROPOSED TYPICAL SECTION LEGEND

- 1 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"
- 2 AGGREGATE SUBGRADE IMPROVEMENT 12"
- 3 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- 4 POROUS GRANULAR EMBANKMENT, SUBGRADE (AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION)
- 5 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 6 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 7 HOT-MIX ASPHALT SHOULDERS, 6"
- 8 CONCRETE MEDIAN, TYPE SB-6.12
- 9 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- 10 HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4"
- 11 SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- 12 HOT-MIX ASPHALT SHOULDERS, 8"
- 13 AGGREGATE SHOULDERS, TYPE B, 6"
- 14 SEEDING, CLASS 2A
- 15 SODDING, SALT TOLERANT
- 16 TOPSOIL FURNISH AND PLACE, 4"
- 17 TOPSOIL, FURNISH AND PLACE, 24"
- 18 STEEL PLATE BEAM GUARDRAIL, TYPE A
- 19 REINFORCED CONCRETE SLAB, 7 1/4" (SEE STRUCTURAL PLAN)
- 20 WEB STEEL PLATE GIRDER, 50" (SEE STRUCTURAL PLAN)
- 21 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- 21A POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90; 2 1/2"
- 22 LEVELING BINDER (MACHINE METHOD), N70, VARIES 0"-1"
- 23 HOT-MIX ASPHALT BASE COURSE, 6"
- 23A HOT-MIX ASPHALT BASE COURSE WIDENING 6"
- 24 AGGREGATE SUBGRADE IMPROVEMENT 4"
- 25 SEEDING, CLASS 4A
- 26 SEEDING, CLASS 4B
- 27 CONCRETE MEDIAN SURFACE, 4 INCH

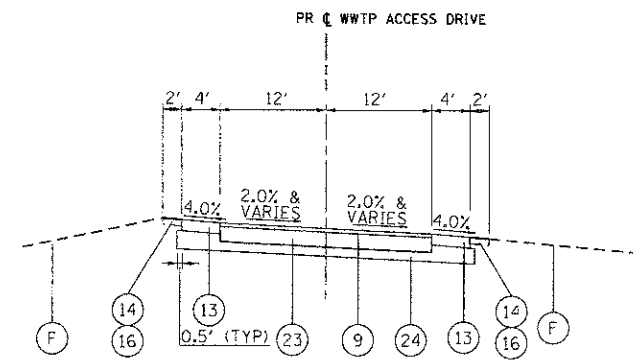
EXISTING TYPICAL SECTION LEGEND

- A HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES (6" TO 10")
- B HOT-MIX ASPHALT SHOULDERS
- C SUBBASE GRANULAR MATERIAL
- D AGGREGATE SHOULDERS
- E COMBINATION CONCRETE CURB AND GUTTER
- F EXISTING GRADE
- G HOT-MIX ASPHALT PAVEMENT, BIKE PATH
- H REINFORCED CONCRETE SLAB (SEE STRUCTURAL PLAN)
- I STEEL GIRDER (SEE STRUCTURAL PLAN)



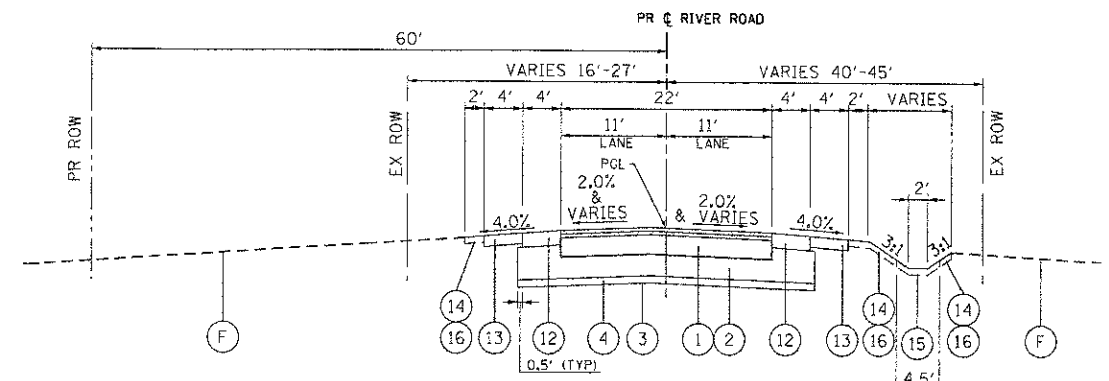
DETAIL A

STA 24+87.40 TO STA 29+40.00
*STA 25+68.90 TO STA 29+30.00



PROPOSED WWTP ACCESS DRIVE

STA 10+00.00 TO STA 17+31.00



PROPOSED RIVER ROAD

STA 43+00.00 TO STA 47+19.00

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. Jettone
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:10:40 AM
 FILE NAME: 090071-tyr-04.dgn
 PLOT DRIVER: pdt.plt
 PLOT TABLE: standard-trans.tbl



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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

DESCRIPTION	STATION	N	E
POINT PMILLO1	565+40.21	2,060,039.21	1,003,231.84
PC PMILL-7	578+67.97	2,060,051.94	1,004,559.53
PT PMILL-7	584+28.53	2,060,260.40	1,005,065.33
PC PMILL-8	586+38.53	2,060,406.93	1,005,215.76
PT PMILL-8	593+28.83	2,060,605.20	1,005,850.73
POINT PMILLO2	606+03.78	2,060,393.37	1,007,107.97

DESCRIPTION	STATION	N	E
INTERSECTION	10+00.00	2,060,048.26	1,004,175.45
PC PWWTP-1	11+23.81	2,060,172.05	1,004,177.19
PT PWWTP-1	12+39.84	2,060,245.99	1,004,251.47
PC PWWTP-2	16+06.07	2,060,249.51	1,004,617.68
PT PWWTP-2	17+21.25	2,060,322.59	1,004,691.94
END PROJECT	17+31.39	2,060,332.72	1,004,692.20

PROP. CURVE PWWTP-1
 PI STA. = 11+97.05
 $\Delta = 88^\circ 38' 36''$ (RT)
 $D = 76^\circ 23' 40''$
 $R = 75.00'$
 $T = 73.24'$
 $L = 116.03'$
 $E = 29.83'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 11+23.81$
 $P.T. STA. = 12+39.84$

PROP. CURVE PWWTP-2
 PI STA. = 16+78.49
 $\Delta = 87^\circ 59' 24''$ (LT)
 $D = 76^\circ 23' 40''$
 $R = 75.00'$
 $T = 72.41'$
 $L = 115.18'$
 $E = 29.25'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 16+06.07$
 $P.T. STA. = 17+21.25$

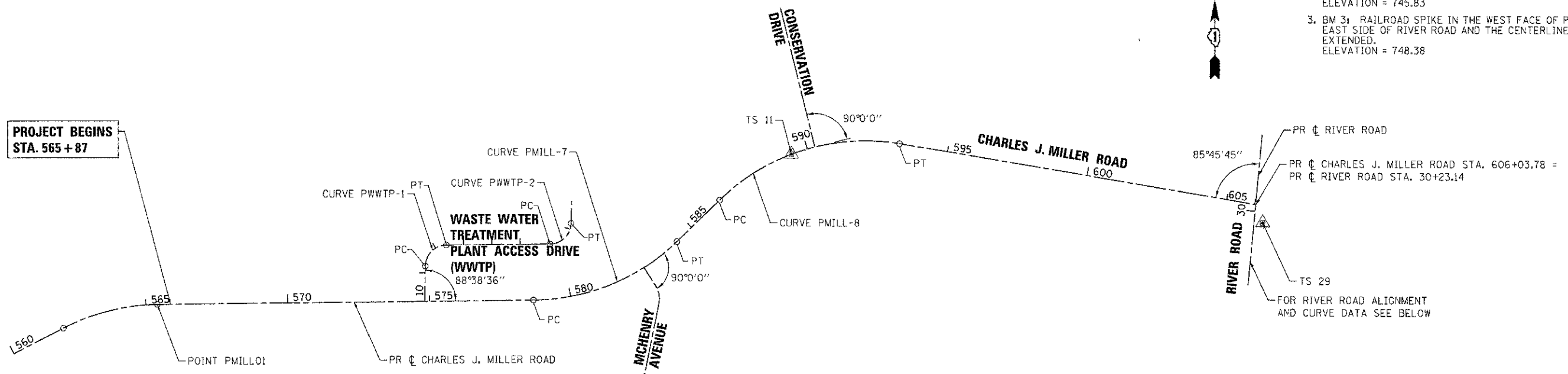
PROP. CURVE PMILL-7
 PI STA. = 581+62.67
 $\Delta = 43^\circ 41' 52''$ (LT)
 $D = 7^\circ 47' 43''$
 $R = 735.00'$
 $T = 294.71'$
 $L = 560.56'$
 $E = 56.88'$
 $e = 4.0\%$
 $T.R. = 44.33'$
 $S.E. RUN = 133.00'$
 $P.C. STA. = 578+67.97$
 $P.T. STA. = 584+28.53$

PROP. CURVE PMILL-8
 PI STA. = 590+11.51
 $\Delta = 53^\circ 48' 40''$ (RT)
 $D = 7^\circ 47' 43''$
 $R = 735.00'$
 $T = 372.98'$
 $L = 690.30'$
 $E = 89.22'$
 $e = 4.0\%$
 $T.R. = 44.33'$
 $S.E. RUN = 133.00'$
 $P.C. STA. = 586+38.53$
 $P.T. STA. = 593+28.83$

STATION EQUATION	N	E
CHARLES J. MILLER RD. STA. 574+83.87 = WWTP ACCESS DRIVE STA. 10+00.00	2,060,048.26	1,004,175.45
CHARLES J. MILLER RD. STA. 606+03.78 = RIVER RD. STA. 30+23.14	2,060,393.37	1,007,107.97

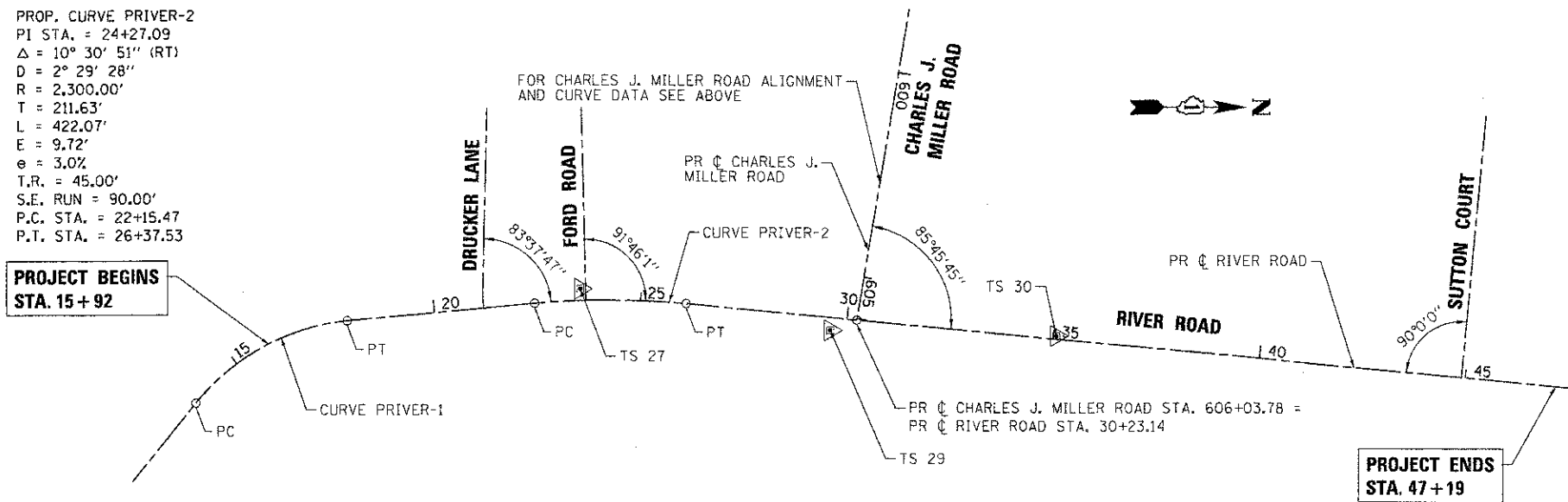
BENCHMARKS

- BM 1: RAILROAD SPIKE IN WEST FACE OF THE LAST POWERPOLE ON THE EAST SIDE OF MCHENRY AVENUE. ALSO, IT IS THE FIRST POWERPOLE NORTH OF THE TREATMENT PLANT ENTRANCE. ELEVATION = 746.88
- BM 2: RAILROAD SPIKE IN THE SOUTH FACE OF POWERPOLE AT THE NORTHEAST CORNER OF MILLER ROAD AND MCHENRY AVENUE. ELEVATION = 745.83
- BM 3: RAILROAD SPIKE IN THE WEST FACE OF POWERPOLE AT THE EAST SIDE OF RIVER ROAD AND THE CENTERLINE OF MILLER ROAD EXTENDED. ELEVATION = 748.38

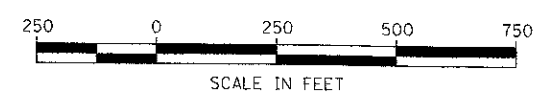


PROP. CURVE PRIVER-1
 PI STA. = 15+91.48
 $\Delta = 45^\circ 53' 18''$ (RT)
 $D = 10^\circ 36' 37''$
 $R = 540.00'$
 $T = 228.60'$
 $L = 432.49'$
 $E = 46.39'$
 $e = N/A$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 13+62.88$
 $P.T. STA. = 17+95.37$

PROP. CURVE PRIVER-2
 PI STA. = 24+27.09
 $\Delta = 10^\circ 30' 51''$ (RT)
 $D = 2^\circ 29' 28''$
 $R = 2,300.00'$
 $T = 211.63'$
 $L = 422.07'$
 $E = 9.72'$
 $e = 3.0\%$
 $T.R. = 45.00'$
 $S.E. RUN = 90.00'$
 $P.C. STA. = 22+15.47$
 $P.T. STA. = 26+37.53$



DESCRIPTION	STATION	N	E
BEGIN FULL-DEPTH CONSTRUCTION	19+40.00	2,059,313.35	1,007,096.54
PC PRIVER-1	13+62.88	2,058,798.03	1,007,308.13
PT PRIVER-1	17+95.37	2,059,169.31	1,007,109.62
PC PRIVER-2	22+15.47	2,059,587.69	1,007,071.64
PT PRIVER-2	26+37.53	2,060,009.16	1,009,362.15
END FULL-DEPTH CONSTRUCTION	45+40.00	2,061,903.41	1,007,248.75



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Jettano
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:24:48 AM
 FILE NAME: 090071-rte-df.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard.ctb



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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

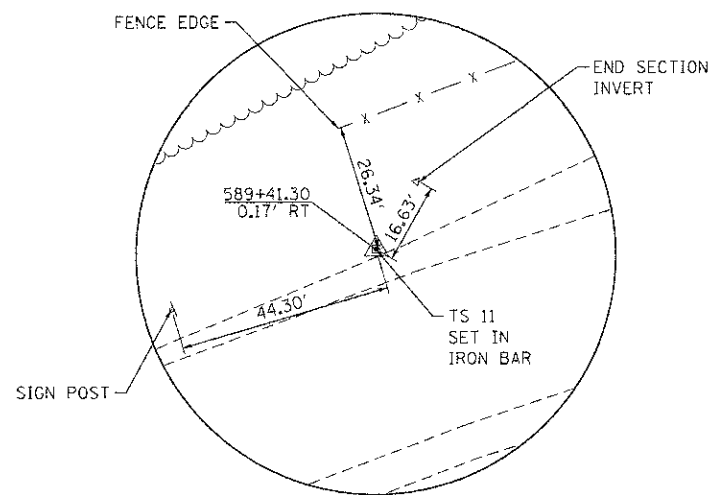
**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

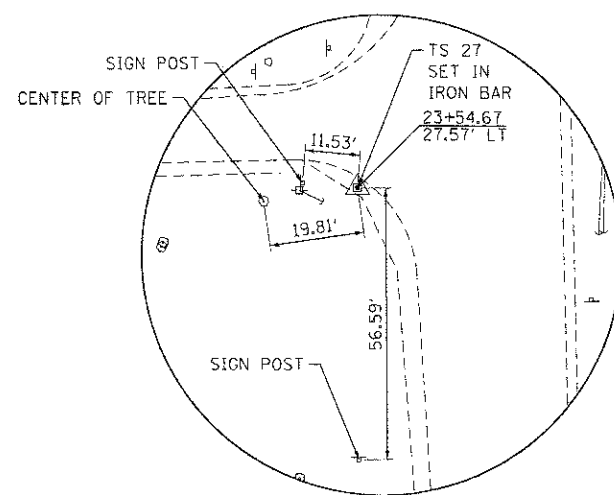
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	19

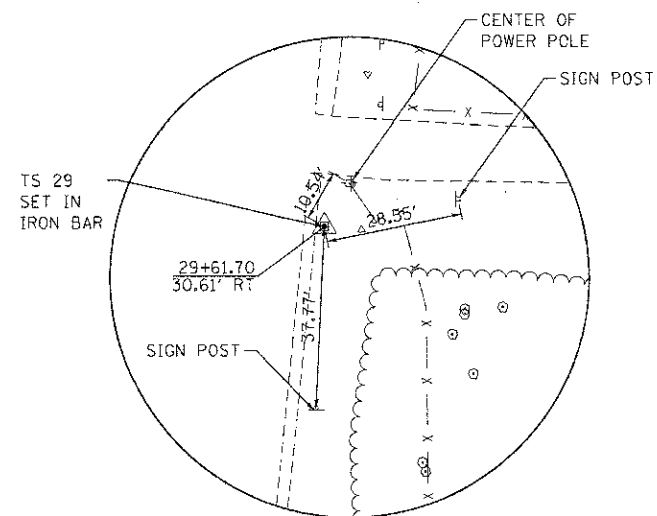
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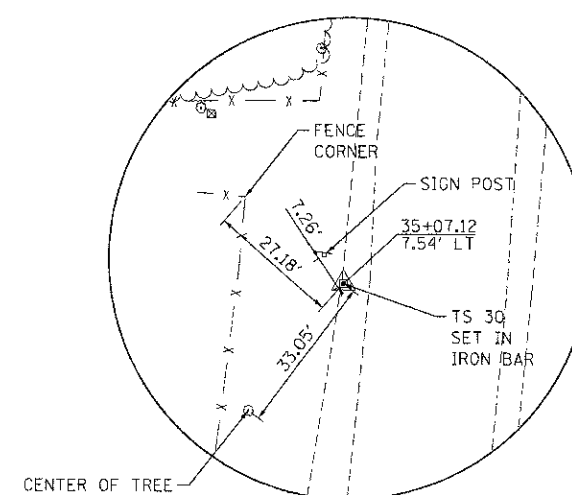
TRAVERSE STATION #11
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E 1005469.53



TRAVERSE STATION #27
N 2059725.79
E 1007035.69



TRAVERSE STATION #29
N 2060329.09
E 1007132.72



TRAVERSE STATION #30
N 2060875.69
E 1007145.36

COMPANY NAME: HRGreen.com
PROJECT CONTACT: Jettana
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PLOT DRIVER: pdfplot
PEN TABLE: s:\standard-trans.tbl



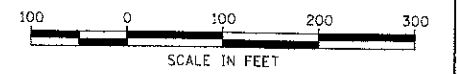
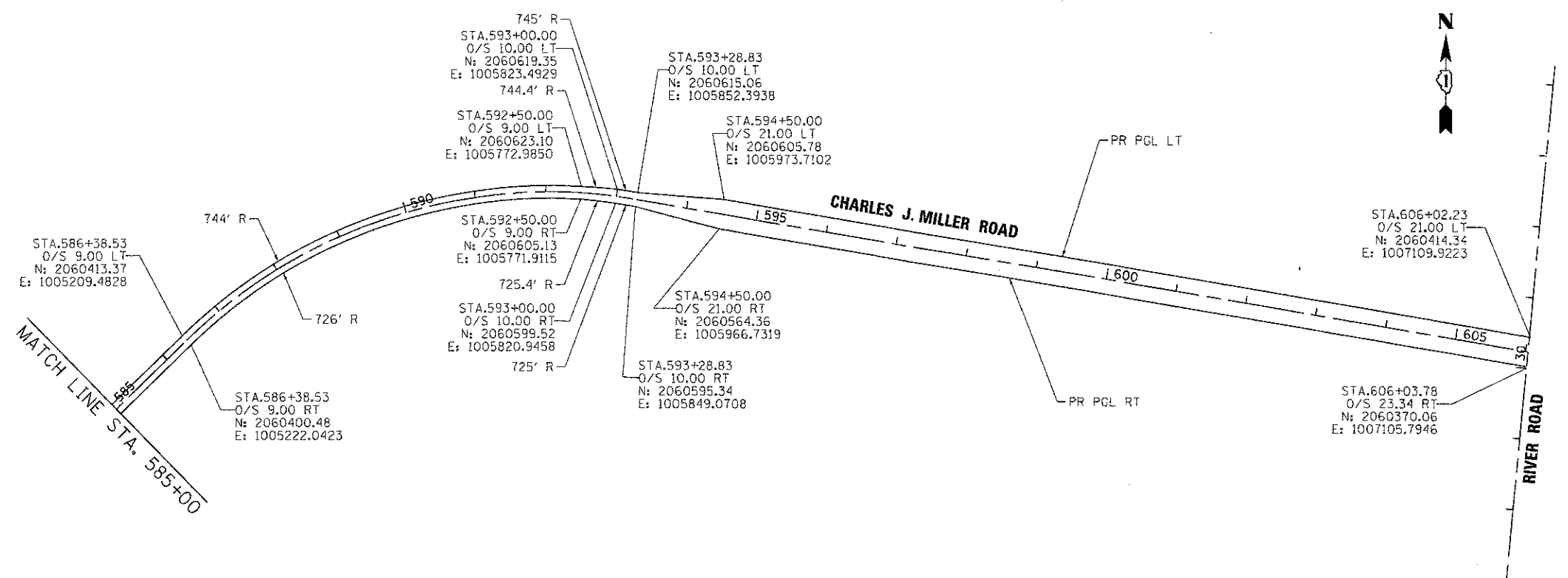
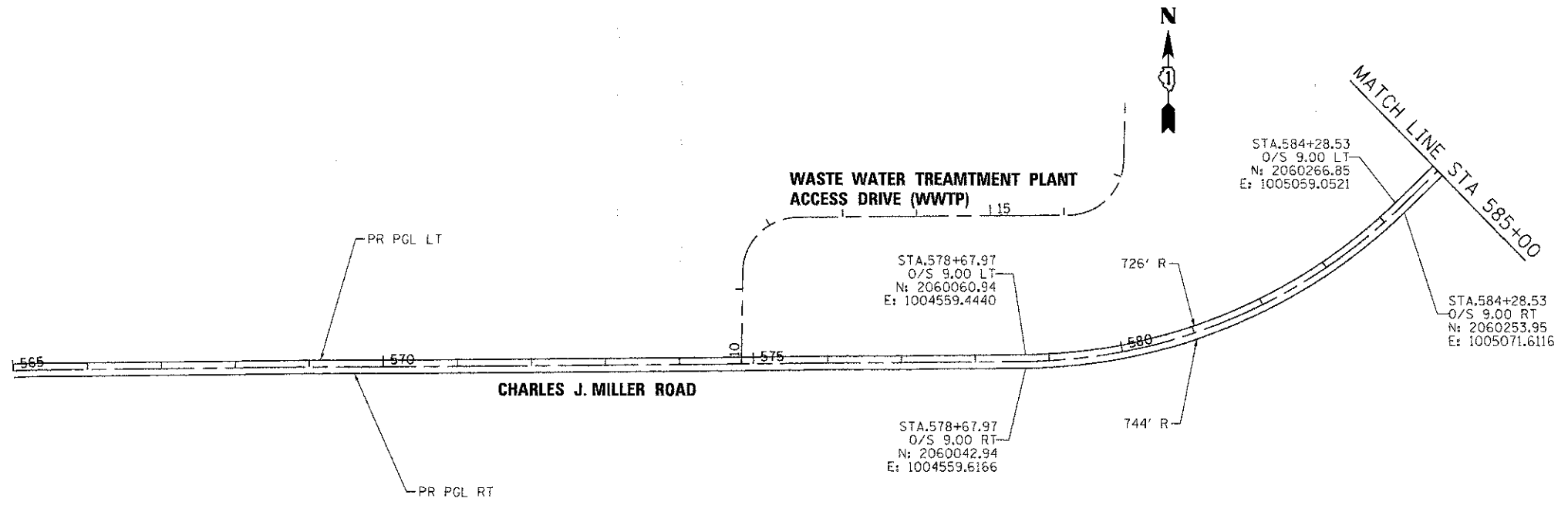
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	



COMPANY NAME: HRGreen
 PROJECT CONTACT: jettens
 DATE PLOTTED: 7/23/2012 11:25:32 AM
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 PLOT DRIVER: pdf24nt
 PLOT TABLE: s:\roadwork\trans.tbl



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PLOT SCALE = 1" = 100'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 100' SHEET NO. 3 OF 4 SHEETS STA. 560+00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	21
FED. ROAD DIST. NO.			CONTRACT NO. 63633	
ILLINOIS FED. AID PROJECT				

SUPERELEVATION TABLES

SUPERELEVATION TRANSITIONS AT CURVE PMILL-7						
LT EOP	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT EOP
752.13	752.79	-2.00% (NC)	577+33.97	-2.00% (NC)	752.79	752.35
751.04	751.66	-2.00% (NC)	577+78.97	0.00% (ZG)	751.66	751.66
749.97	750.55	-2.00% (NC)	578+23.30	2.00% (RC)	750.55	751.03
748.72	749.43	-2.67% (SE)	578+67.97 (PC)	2.67% (SE)	749.43	750.13
747.33	748.31	-4.00% (SE)	579+12.97	4.00% (SE)	748.31	749.82
741.17	742.05	-4.00% (SE)	583+83.53	4.00% (SE)	742.05	742.93
741.69	742.28	-2.67% (SE)	584+28.53 (PT)	2.67% (SE)	742.28	742.87
742.06	742.50	-2.00% (NC)	584+73.20	2.00% (RC)	742.50	742.94
742.28	742.72	-2.00% (NC)	585+17.53	0.00% (ZG)	742.72	742.72
742.96	743.40	-2.00% (NC)	585+62.53	-2.00% (NC)	743.40	742.96

SUPERELEVATION TRANSITIONS AT CURVE PMILL-8						
LT EOP	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT EOP
742.22	742.66	-2.00% (NC)	585+04.53	-2.00% (NC)	742.66	742.22
742.88	742.88	0.00% (ZG)	585+49.53	-2.00% (NC)	742.88	742.44
743.54	743.10	2.00% (RC)	585+93.86	-2.00% (NC)	743.10	742.66
743.90	743.31	2.67% (SE)	586+38.53 (PC)	-2.67% (SE)	743.31	742.72
744.32	743.44	4.00% (SE)	586+83.53	-4.00% (SE)	743.44	742.56
746.76	745.60	4.00% (SE)	592+83.83	-4.00% (SE)	745.60	744.72
747.59	746.88	2.67% (SE)	593+28.33 (PT)	-2.67% (SE)	746.88	746.29
748.90	748.36	2.00% (RC)	593+73.50	-2.00% (NC)	748.36	747.89
749.13	748.70	1.56% **	593+83.25	-1.56% **	748.70	748.33
750.02	750.02	0.00% (ZG)	594+17.83	-2.00% (NC)	750.02	749.51
751.27	751.82	-2.00% (NC)	594+62.83	-2.00% (NC)	751.82	751.28

- PROJECTED ELEVATION AT PROPOSED INTERSECTION
- STATION SUPERELEVATED FROM BRIDGE TRANSITION

SUPERELEVATION TRANSITIONS AT BRIDGE TRANSITION						
LT CROWN	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT CROWN
747.95	747.73	2.00% (RC)	593+55.21	-2.00% (NC)	747.73	747.51
749.28	749.45	-1.56% (SE)	594+03.21	-1.56% (SE)	749.45	749.28
751.13	751.35	-2.00% (NC)	594+51.21	-2.00% (NC)	751.35	751.13
751.22	751.44	-2.00% (NC)	601+10.94	-2.00% (NC)	751.44	751.22
749.65	749.82	-1.56% (SE)	601+58.94	-1.56% (SE)	749.82	749.65
748.25	748.47	-2.00% (NC)	602+06.94	-2.00% (NC)	748.47	748.25

SUPERELEVATION TRANSITIONS AT CURVE PRIVER-2						
LT EOP	PGL ELEV.	X-SLOPE	PR ϕ STATION	X-SLOPE	PGL ELEV.	RT EOP
754.49	754.82	-2.00% (NC)	21+10.47	-2.00% (NC)	754.82	754.51
754.97	754.97	0.00% (ZG)	21+55.47	-2.00% (NC)	754.97	754.64
755.32	754.98	2.00% (RC)	22+00.47	-2.00% (NC)	754.98	754.64
755.30	754.96	2.00% (SE)	22+15.47 (PC)	-2.00% (SE)	754.96	754.62
755.38	754.87	3.00% (SE)	22+45.47	-3.00% (SE)	754.87	754.36
746.10	745.51	3.00% (SE)	26+07.53	-3.00% (SE)	745.51	745.00
749.43	748.89	2.00% (SE)	26+37.53 (PT)	-2.00% (NC)	748.89	748.55
749.17	748.61	2.00% (RC)	26+52.53	-2.00% (NC)	748.61	748.27
747.87	747.87	0.00% (ZG)	26+97.53	-2.00% (NC)	747.87	747.53
746.75	747.31	-2.00% (NC)	27+42.53	-2.00% (NC)	747.31	746.97

- PROJECTED ELEVATION AT PROPOSED INTERSECTION

COMPANY NAME: HRGreen
 PROJECT CONTRACT: 090071-19-06-001
 DATE PLOTTED: 7/23/2012 11:23:41 AM
 FILE NAME: 090071-19-06-001
 PLOT DRIVER: pefplot
 PEN TABLE: standard-trans.tbl



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PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

GENERAL NOTES

THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER AND THE COUNTY FOR APPROVAL.

THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS.

CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION THROUGHOUT THE PROJECT AREA AT ALL TIMES.

TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. ALL TEMPORARY PAVEMENT MARKINGS & TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AT THE BEGINNING OF EACH STAGE, AND SHALL BE MAINTAINED FOR THE DURATION OF THAT STAGE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ENTRANCES AND APPROACHES AS INDICATED ON THE PLANS WITHIN THE PROJECT LIMITS. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), OR TEMPORARY ACCESS (COMMERCIAL ENTRANCE), OR TEMPORARY ACCESS (ROAD).

EMBANKMENT FOR NEW ROAD AND BRIDGE SHOULD BE CONSTRUCTED IN STAGE 1 IN ORDER TO ALLOW THE EMBANKMENTS TO ADJUST OR SETTLE UNDER ITS OWN WEIGHT AS MUCH AS POSSIBLE PRIOR TO PAVEMENT CONSTRUCTION.

A WORK ZONE SPEED LIMIT OF 35 MPH OR AS DIRECTED BY THE ENGINEER SHALL BE IN PLACE PRIOR TO CONSTRUCTION BEGINNING.

SIGNS

TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.

ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT LUMP SUM PRICES PER THE TRAFFIC CONTROL AND PROTECTION STANDARDS.

THE CONTRACTOR SHALL PLACE "CAUTION NEW LANES OPEN" SIGNS AT EVERY ENTRANCE AND SIDE ROADS AT THE TIME OF OPENING NEW LANES TO TRAFFIC AND/OR AS DIRECTED BY THE ENGINEER. SEE TEMPORARY INFORMATION SIGN DETAIL FOR FURTHER INFORMATION.

THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT ALL COMMERCIAL ENTRANCES WITHIN THE PROJECT LIMITS WHERE ENTRANCE IS OBSTRUCTED DUE TO CONSTRUCTION AND/OR AS DIRECTED BY THE ENGINEER. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS WITH THE USE OF AGGREGATE FOR TEMPORARY ACCESS AND/OR BY CONSTRUCTING ONE HALF OF PROPOSED DRIVEWAYS AT A TIME. SEE TEMPORARY INFORMATION SIGNS DETAIL FOR FURTHER INFORMATION.

TEMPORARY SIGNING, AS SHOWN, SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE SPECIAL PROVISIONS AND CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER. ALL TEMPORARY INFORMATION SIGNS SHALL BE PAID FOR SEPARATELY AT THE UNIT PER SQUARE FOOT FOR "TEMPORARY INFORMATION SIGNING".

THE CONTRACTOR SHALL PLACE FOUR CHANGEABLE MESSAGE SIGNS, ONE AT THE BEGINNING OF THE PROJECT ON CHARLES J. MILLER ROAD, GREEN STREET, BARREVILLE ROAD, AND RIVER ROAD. ONE SIGN SHALL ALSO BE PROVIDED TO BE PLACED AT THE ENGINEER'S DISCRETION IN ORDER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR "CHANGEABLE MESSAGE SIGN".

BARRICADES

TYPE II BARRICADES EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS SHALL BE PLACED ALONG THE ROADWAY AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES WITH DIRECTIONAL ARROWS SHALL BE PLACED AT LANE SHIFTS (TAPER SECTIONS) AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER. ALL TYPE II BARRICADES SHALL BE NON-METALLIC.

VERTICAL PANELS SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED 50 FT CENTER TO CENTER.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR.

CHANNELIZING DEVICES ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.

CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT SHALL BE RAISED TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901. THE CONTRACTOR SHALL USE LEG EXTENSIONS FOR TYPE II BARRICADES OR PROVIDE A 2 FT WIDTH EARTH FILL PAD FOR DRUMS TO MEET MINIMUM BARRICADE HEIGHT (SEE STAGING TYPICAL CROSS SECTION SHEETS). THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT LUMP SUM PRICES PER THE TRAFFIC CONTROL AND PROTECTION STANDARDS.

DROP-OFFS GREATER THAN 18 INCHES SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HOURS. ADDITIONALLY, PYLONS OF FLASHING LIGHTS SHALL BE PLACED AT DROP-OFFS GREATER THAN 18 INCHES.

ALL TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH A 6 IN. PAINTED STRIPE, TYPE C REFLECTORS, AND A STEADY BURNING LIGHT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR "TEMPORARY CONCRETE BARRIER."

PAVEMENT MARKING

ALL TEMPORARY PAVEMENT MARKINGS PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.

THE REMOVAL OF ALL PAVEMENT MARKING ON IL ROUTE 31 PCC PAVEMENT MUST BE DONE USING WATER BLASTING WITH VACUUM RECOVERY, AND IT WILL BE PAID AS "PAVEMENT MARKING REMOVAL."

ALL PAVEMENT MARKINGS CONFLICTING WITH REVISED TRAFFIC PATTERNS SHALL BE REMOVED. TYPE III MARKING TAPE SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING WILL CONFLICT WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS.

OTHER

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

ANY SAWCUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "PAVEMENT REMOVAL".

ALL DRAINAGE STRUCTURES THAT ARE REQUIRED TO BE INSTALLED WITHIN TEMPORARY PAVEMENT OR AT A TEMPORARY ELEVATION NECESSARY TO MAINTAIN TRAFFIC AND DRAINAGE ARE REQUIRED TO BE ADJUSTED TO THE PROPOSED TEMPORARY ELEVATION WITH A TYPE 1 FRAME OPEN LID AND THEN ADJUSTED TO FINAL GRADE WITH THE PROPOSED FRAME AND GRATE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SPECIFIED.

THE CONTRACTOR SHALL PROVIDE TEMPORARY HMA RAMP TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION BETWEEN THE NEW CONSTRUCTION AND EXISTING PAVEMENT. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. THE WORK TO INSTALL AND REMOVE THE TEMPORARY HMA RAMP SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT LUMP SUM PRICES PER THE TRAFFIC CONTROL AND PROTECTION STANDARDS.

STAGE 4

CONSTRUCTION

1. PLACE THE HOT MIX ASPHALT BINDER AND SURFACE COURSES.
2. COMPLETE REMAINING RESTORATION AND LANDSCAPING.
3. COMPLETE INSTALLATION OF TRAFFIC SIGNALS AT RIVER ROAD.
4. REMOVE TEMPORARY TRAFFIC SIGNALS.
5. INSTALL PERMANENT PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS.

MAINTENANCE OF TRAFFIC

1. MAINTAIN MINIMUM OF TWO LANES OF TRAFFIC.

SEQUENCE OF CONSTRUCTION

PRE-STAGE

CONSTRUCTION

1. PREPARE THE TEMPORARY SIGNALS AT THE INTERSECTION OF RIVER ROAD PER THE TEMPORARY SIGNAL PLANS.
2. PREPARE THE ROADWAYS AND INTERSECTIONS FOR STAGE 1 TRAFFIC WITH TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS.
3. CONSTRUCT TEMPORARY PAVEMENT AT LOCATIONS SHOWN IN THE PLANS.
4. REMOVE CONFLICTING EXISTING SIGNS LOCATED ALONG THE MAINLINE. RELOCATE EXISTING SIGNS AS NEEDED.
5. REMOVE ALL EXISTING RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS IN CONFLICT WITH MAINTENANCE OF TRAFFIC STRIPING.

MAINTENANCE OF TRAFFIC

1. MAINTAIN THE EXISTING TRAFFIC CONFIGURATION.

STAGE 1

CONSTRUCTION

1. PLACE STAGE 1 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF RIVER ROAD PER THE TEMPORARY SIGNAL PLANS.
2. CONSTRUCT THE CURB AND GUTTER WITHIN THE WORK ZONE FOR STAGE 1 AT LOCATIONS SHOWN. CONSTRUCT THE PROPOSED PAVEMENT UP TO THE BINDER COURSE OR SURFACE OF PCC JOINTED PAVEMENT. PREPARE THE MAINLINE AND INTERSECTIONS FOR STAGE 2 TRAFFIC WITH TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS OF STAGE 2 TEMPORARY PAVEMENT.
3. CONSTRUCT DRAINAGE STRUCTURES AND STORM SEWER AT LOCATIONS SHOWN IN THE PLANS.
4. CONSTRUCT ALL EMBANKMENT FOR BRIDGE AND ROADWAY WITHIN STAGE 1 WORK ZONE AS EARLY AS POSSIBLE.
5. CONSTRUCT BRIDGE ACCORDING TO BRIDGE CONSTRUCTION SEQUENCE (SEE STRUCTURAL PLANS).

MAINTENANCE OF TRAFFIC

1. MAINTAIN TWO LANES OF TRAFFIC AT ALL TIMES AS SHOWN IN THE PLANS.
2. TRAFFIC WILL BE SHIFTED FOR STAGE 1 CONSTRUCTION AND WILL UTILIZE THE EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 2

CONSTRUCTION

1. INSTALL STAGE 2 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF RIVER ROAD PER THE TEMPORARY SIGNAL PLANS.
2. CONSTRUCT THE CURB AND GUTTER WITHIN THE WORK ZONE FOR STAGE 2. CONSTRUCT THE PROPOSED PAVEMENT UP TO THE BINDER COURSE OR SURFACE OF PCC JOINTED PAVEMENT. PREPARE THE MAINLINE AND INTERSECTIONS FOR STAGE 3 TRAFFIC WITH TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS OF STAGE 3 TEMPORARY PAVEMENT.
3. CONSTRUCT DRAINAGE STRUCTURES AND STORM SEWER AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

1. MAINTAIN TWO LANES OF TRAFFIC AT ALL TIMES AS SHOWN IN THE PLANS.
2. TRAFFIC WILL BE SHIFTED FOR STAGE 2 CONSTRUCTION AND WILL UTILIZE NEWLY CONSTRUCTED PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 3

CONSTRUCTION

1. PLACE STAGE 3 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF RIVER ROAD PER THE TEMPORARY SIGNAL PLANS.
2. CONSTRUCT THE REMAINING PAVEMENTS UP TO THE BINDER COURSE. CONSTRUCT THE CURB AND GUTTER ALONG MEDIANS AND MEDIAN SURFACES.
3. CONSTRUCT IMPROVEMENTS TO EXISTING BRIDGE OVER FOX RIVER.
4. CONSTRUCT DRAINAGE AND PARKWAY IMPROVEMENTS ALONG MILLER ROAD AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

1. MAINTAIN TWO LANES OF TRAFFIC AT ALL TIMES AS SHOWN IN THE PLANS.
2. SHIFT TRAFFIC ONTO NEW BRIDGE.

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 PROJECT CONTACT: HRGreen.com
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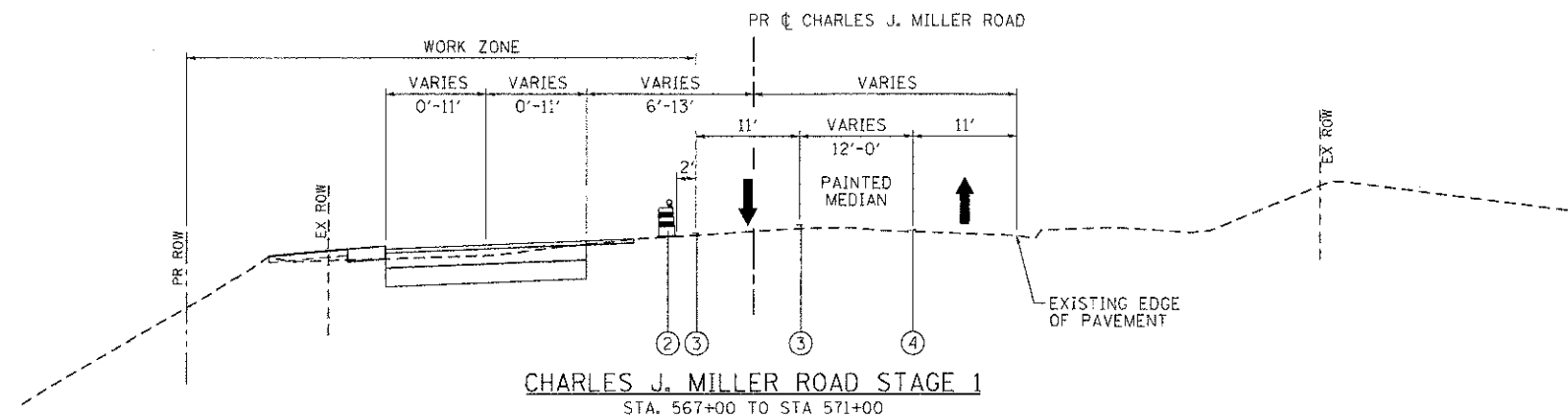
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

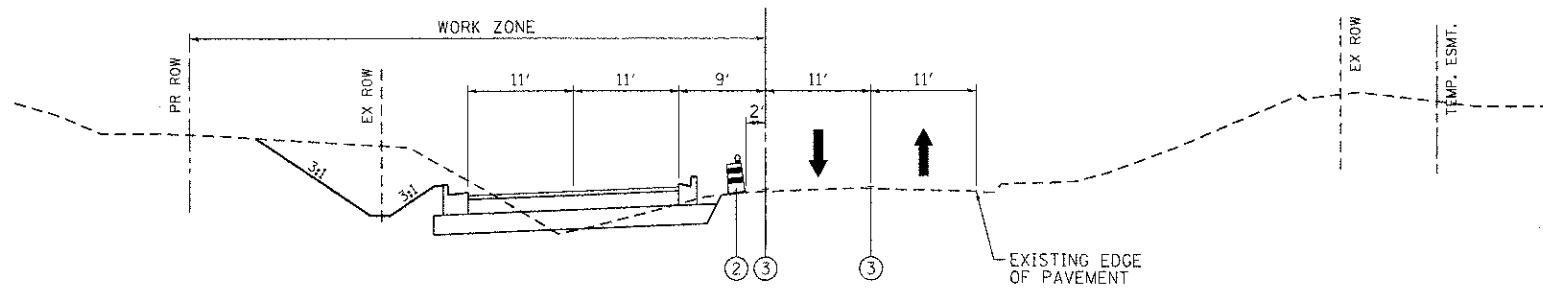
**SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

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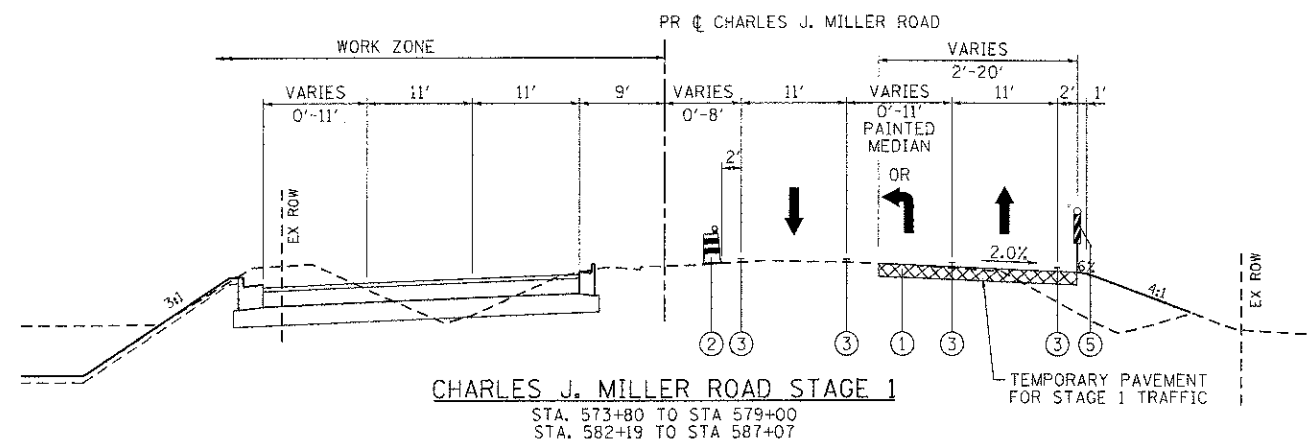
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FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT
CONTRACT NO.				63633



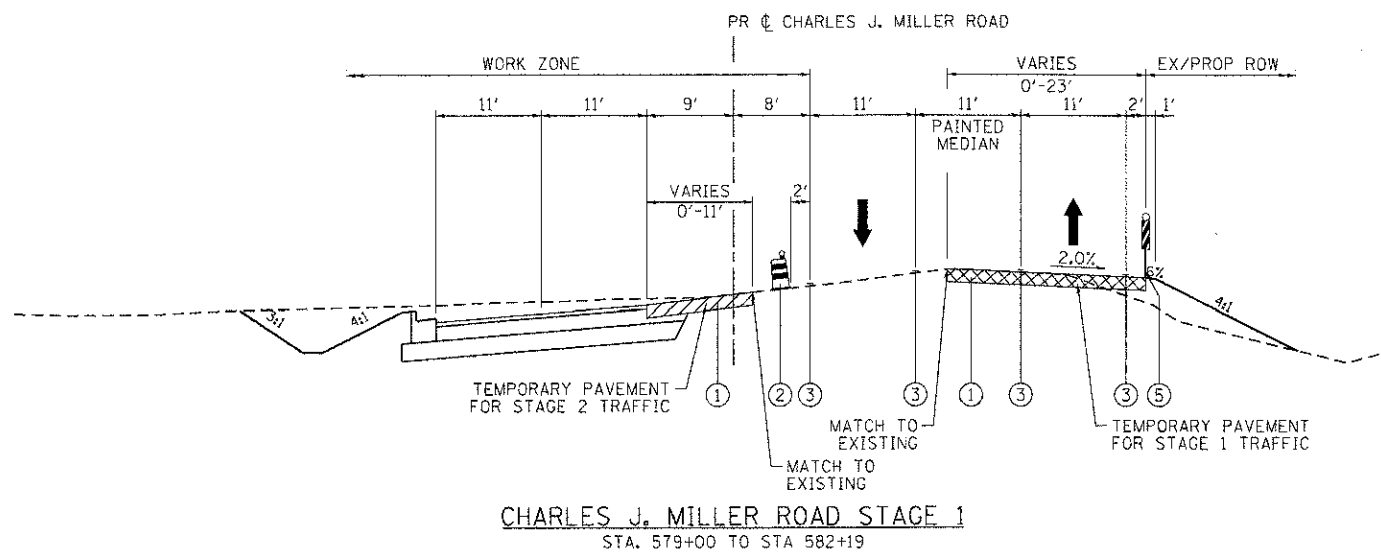
CHARLES J. MILLER ROAD STAGE 1
STA. 567+00 TO STA 571+00



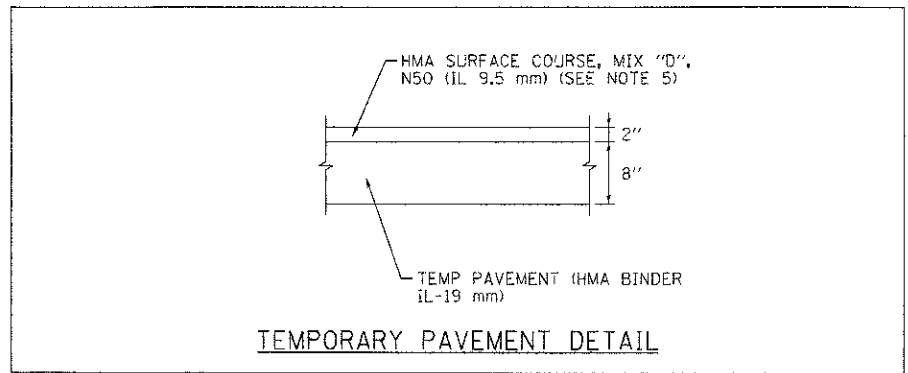
CHARLES J. MILLER ROAD STAGE 1
STA. 571+00 TO STA 573+80



CHARLES J. MILLER ROAD STAGE 1
STA. 573+80 TO STA 579+00
STA. 582+19 TO STA 587+07



CHARLES J. MILLER ROAD STAGE 1
STA. 579+00 TO STA 582+19



TEMPORARY PAVEMENT DETAIL

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
 - ➔ DIRECTION OF TRAFFIC

- MAINTENANCE OF TRAFFIC NOTES:**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen
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 DATE PLOTTED: 7/23/2012 11:25:55 AM
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HRGreen.com
 4540 Professional Design Firm
 #184-801532

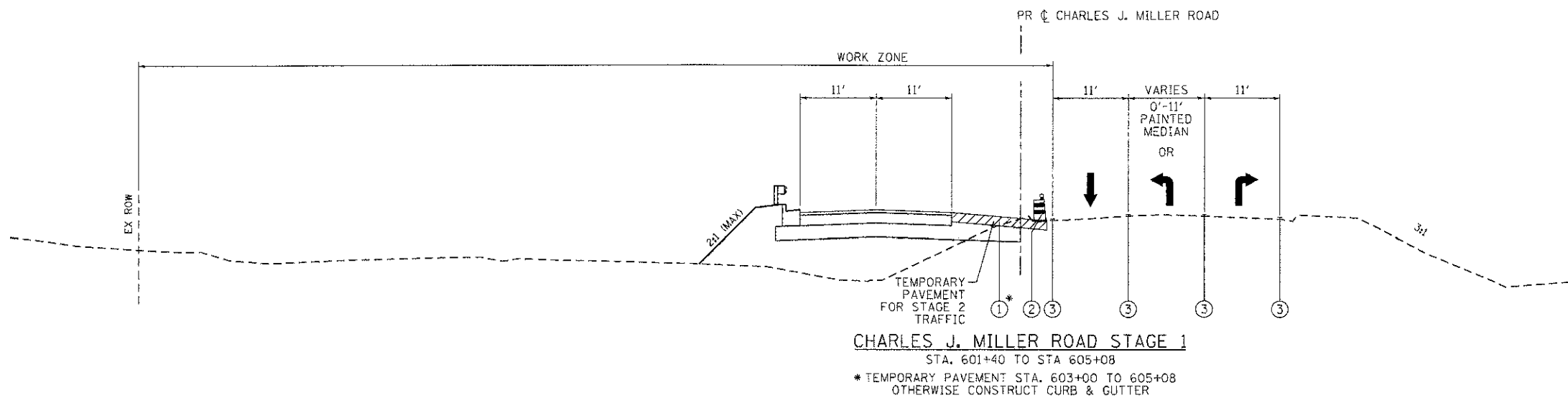
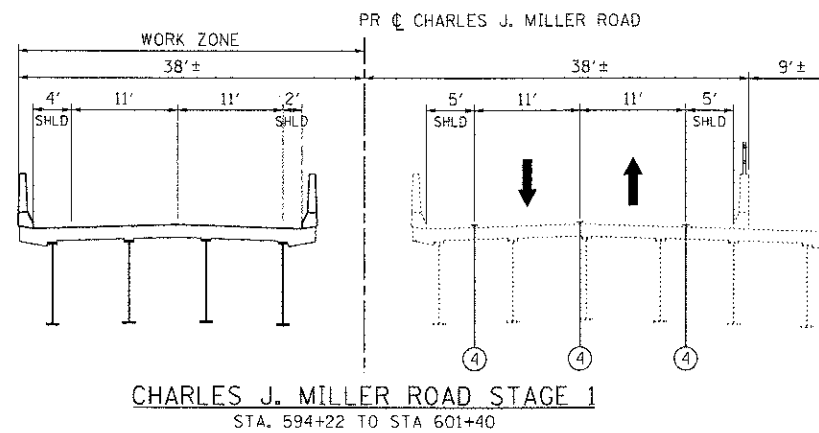
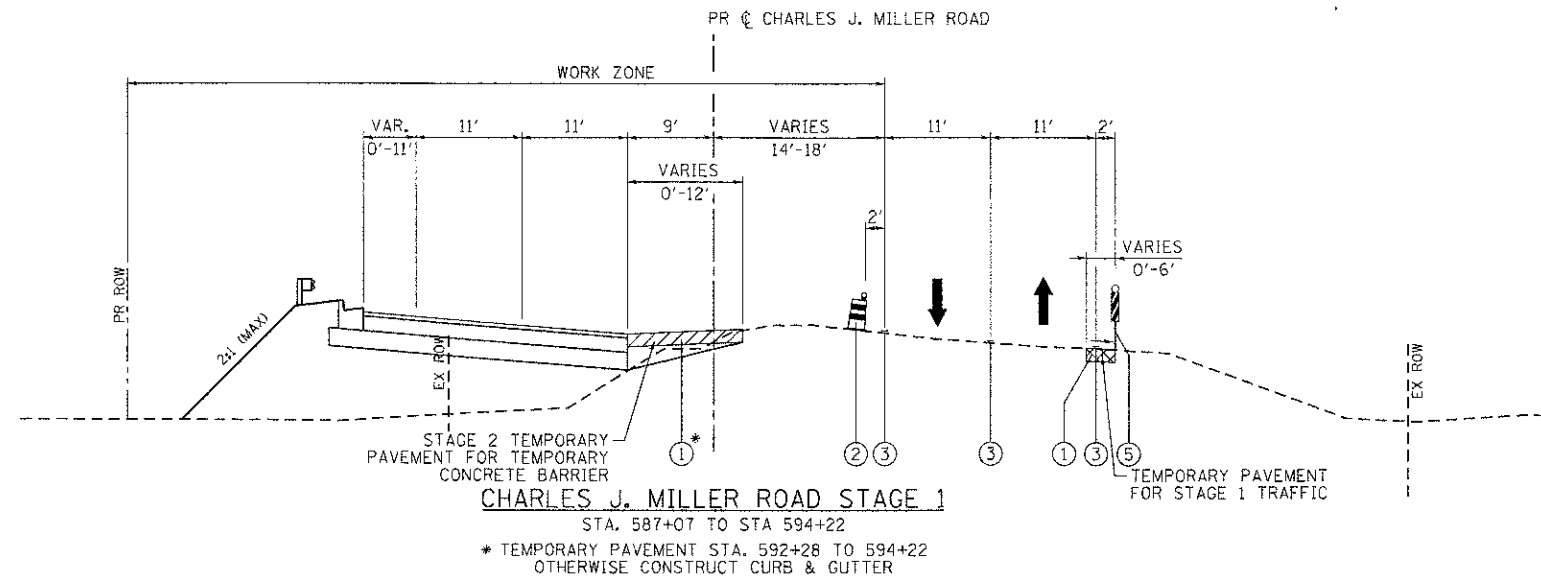
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 2 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	24
FED. ROAD DIST. NO.			CONTRACT NO. 63633	
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
- ➔ DIRECTION OF TRAFFIC

- MAINTENANCE OF TRAFFIC NOTES:**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. J. J. J.
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HRGreen.com
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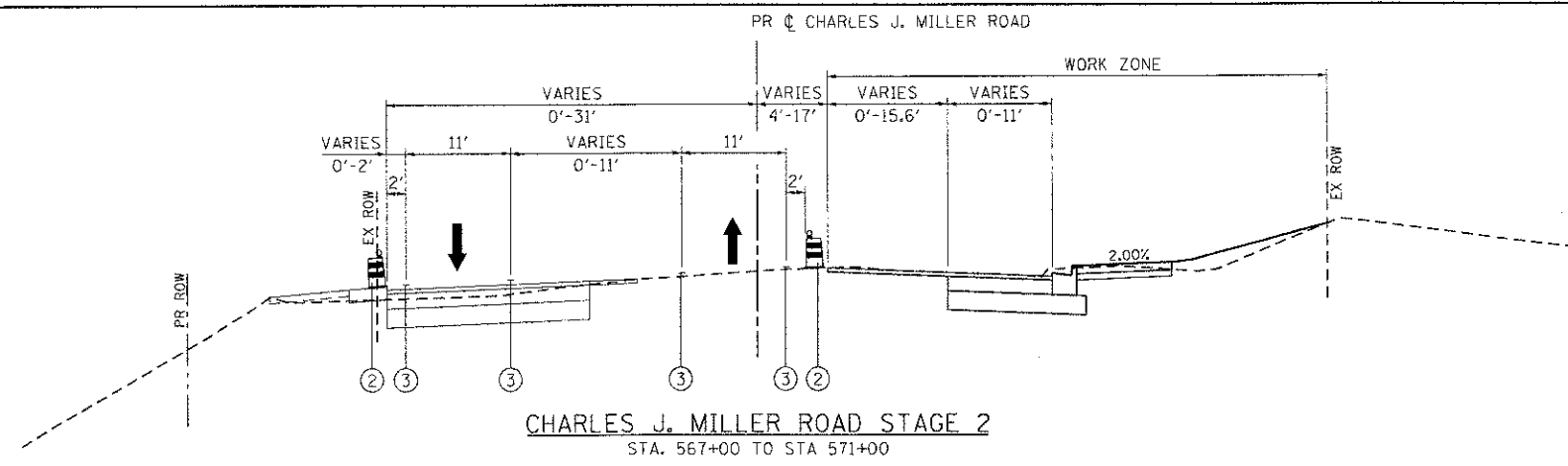
**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

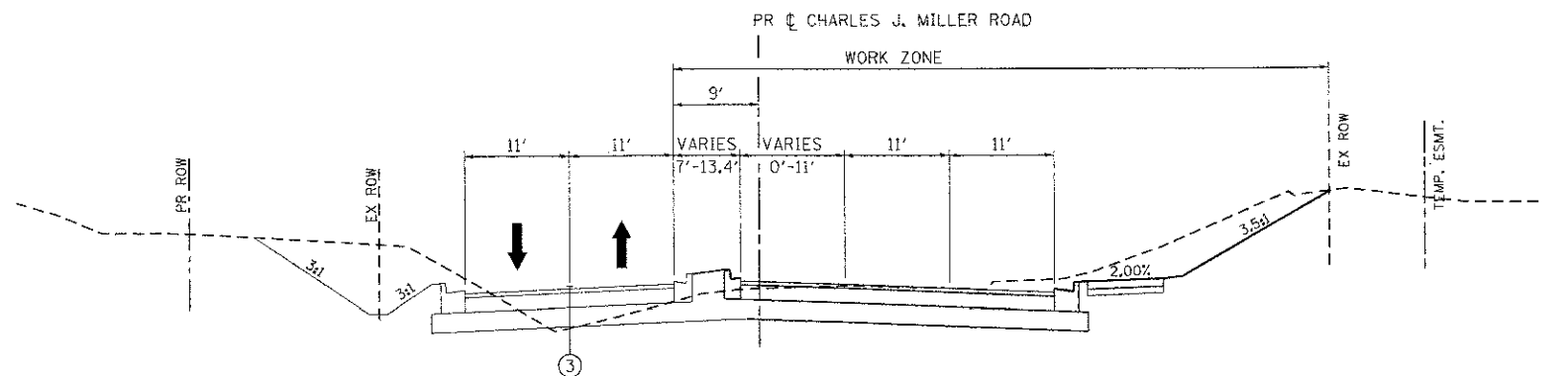
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CONTRACT NO. 63633				

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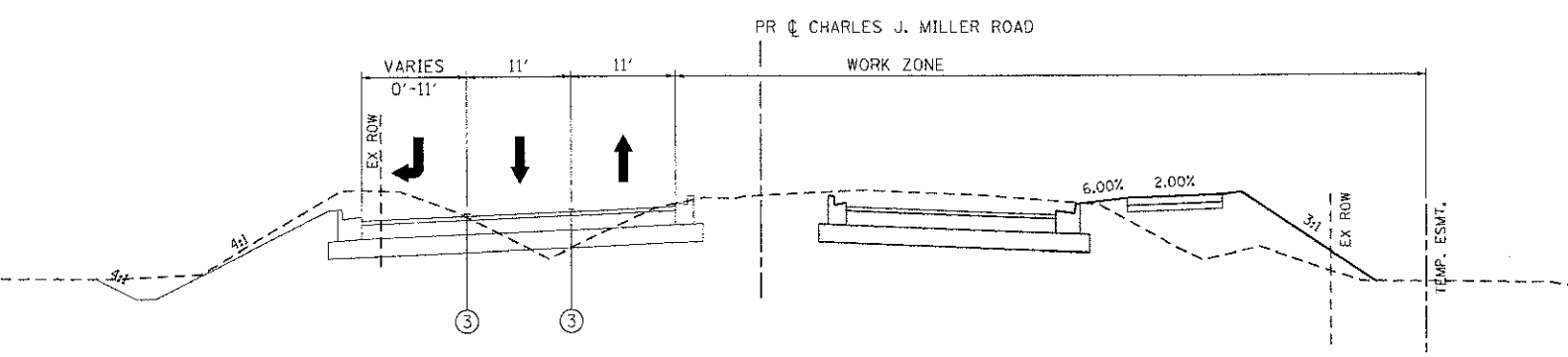
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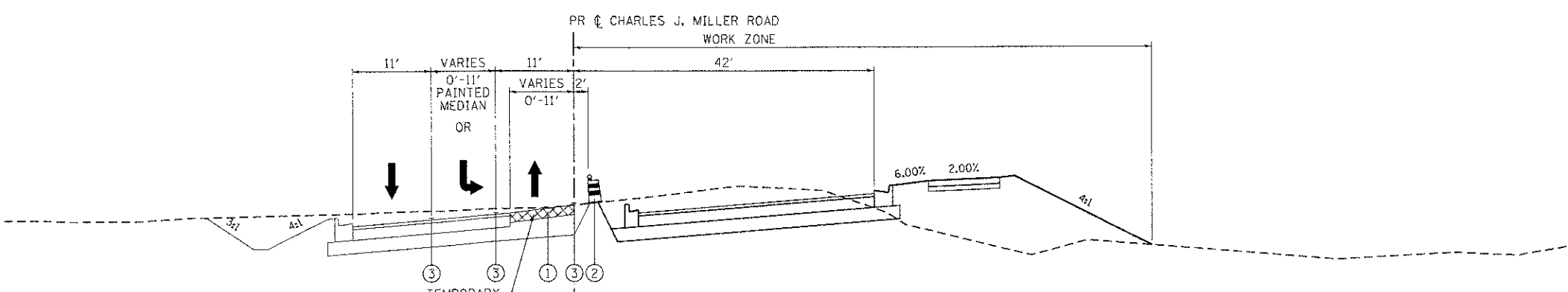
CHARLES J. MILLER ROAD STAGE 2
STA. 567+00 TO STA 571+00



CHARLES J. MILLER ROAD STAGE 2
STA. 571+00 TO STA 575+00



CHARLES J. MILLER ROAD STAGE 2
STA. 575+00 TO STA 579+00



CHARLES J. MILLER ROAD STAGE 2
STA. 579+00 TO STA 582+19

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
 - ➔ DIRECTION OF TRAFFIC

- MAINTENANCE OF TRAFFIC NOTES:**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

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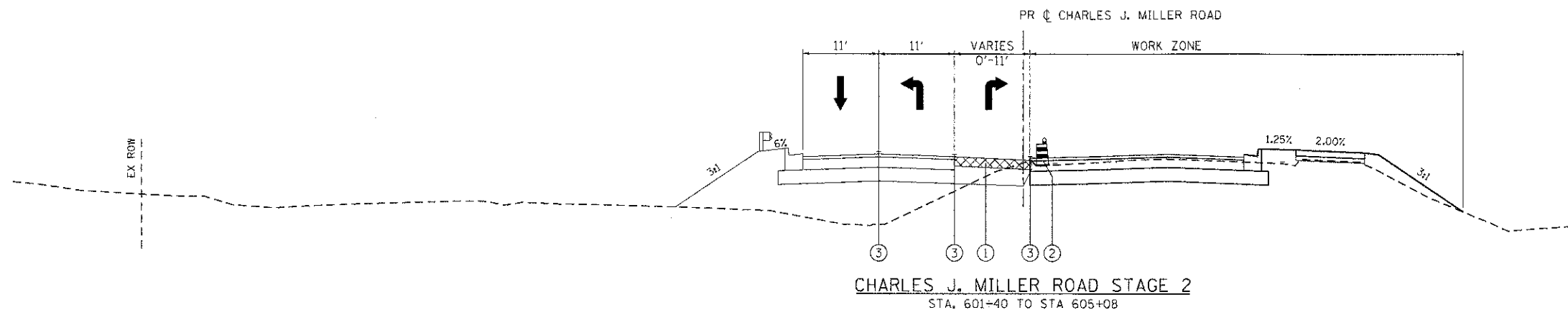
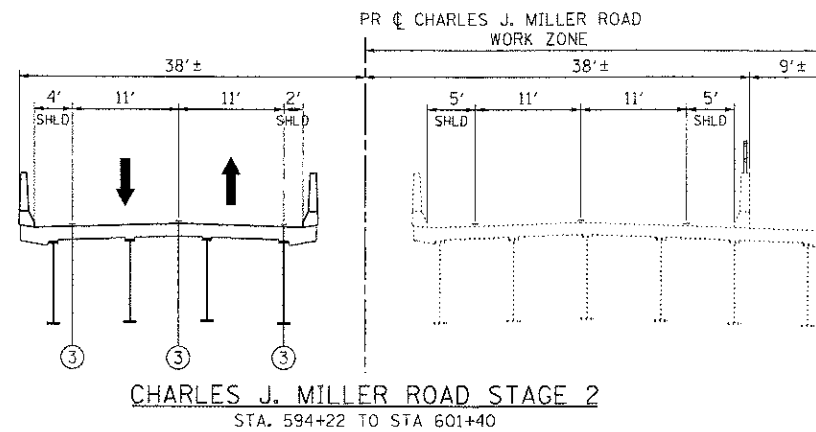
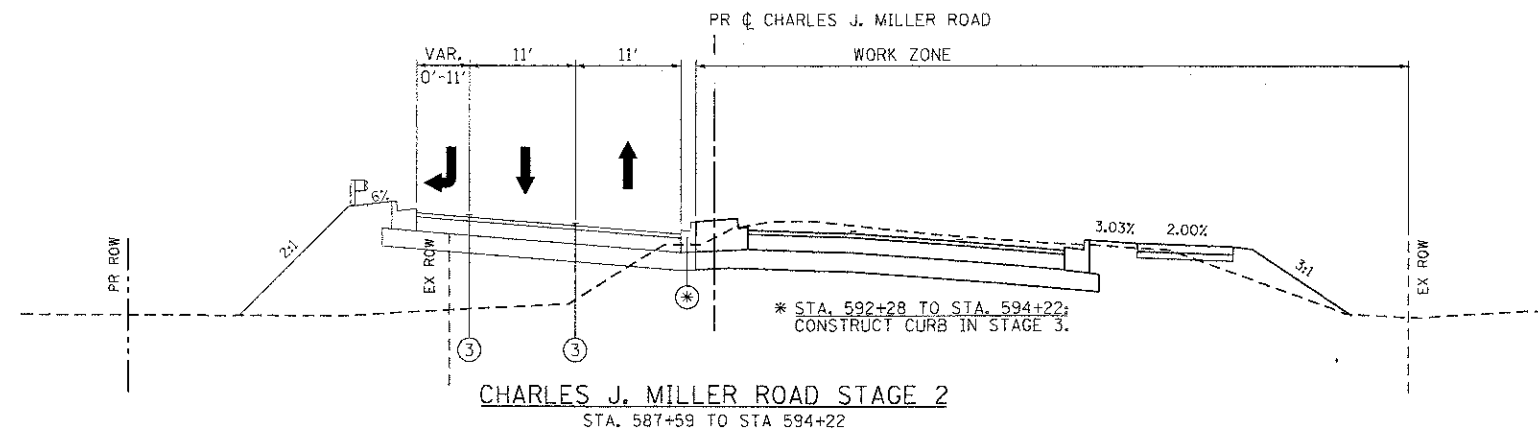
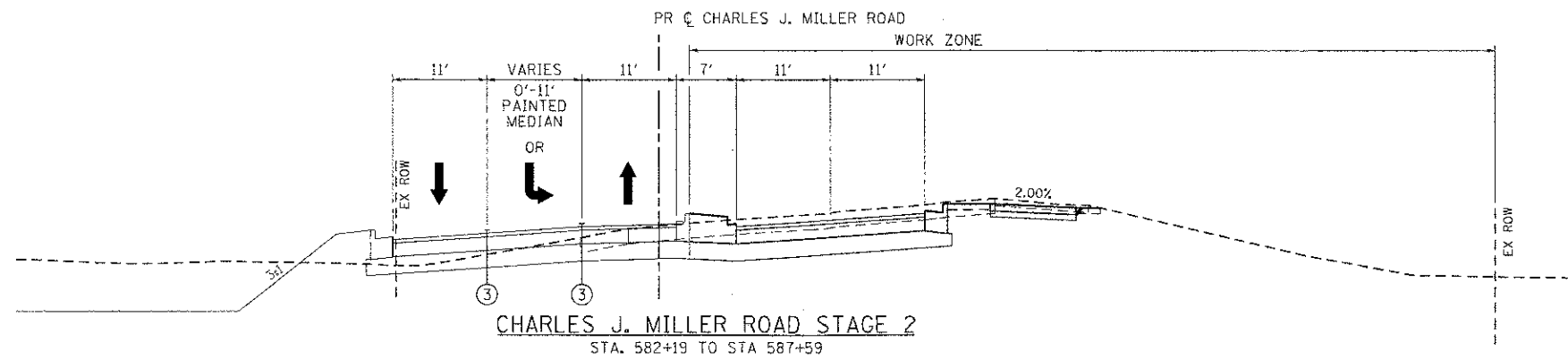
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	26
FED. ROAD DIST. NO.			ILL/NOIS/FED. AID PROJECT	
CONTRACT NO. 63633				

SCALE: N.T.S. SHEET NO. 4 OF 12 SHEETS STA. TO STA.



- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
- ➔ DIRECTION OF TRAFFIC

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

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 PROJECT CONTRACT: 090071-09-003-PW
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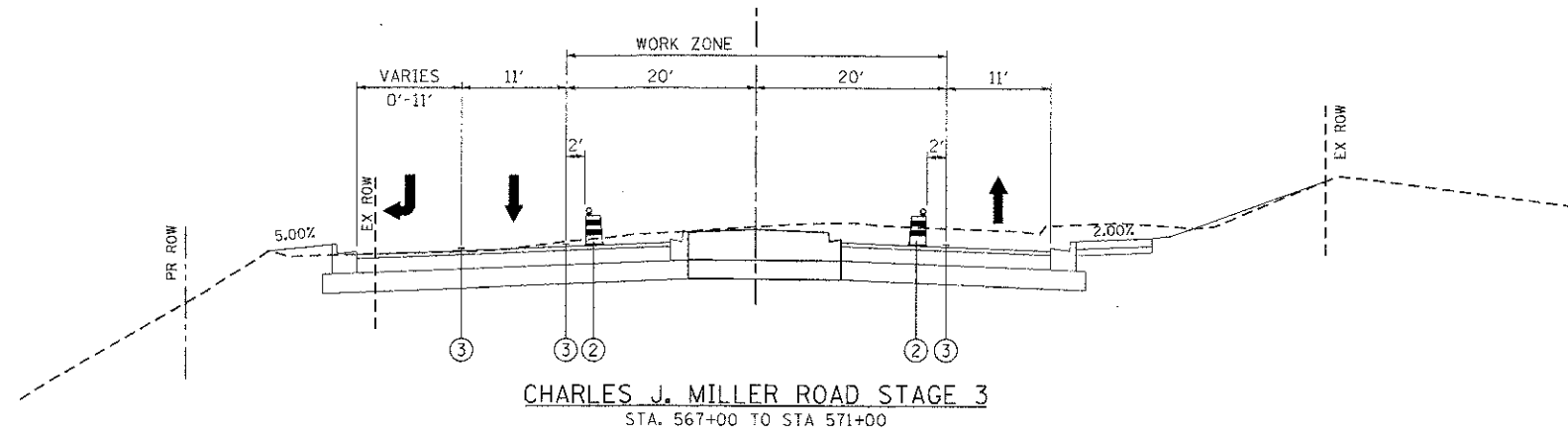
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

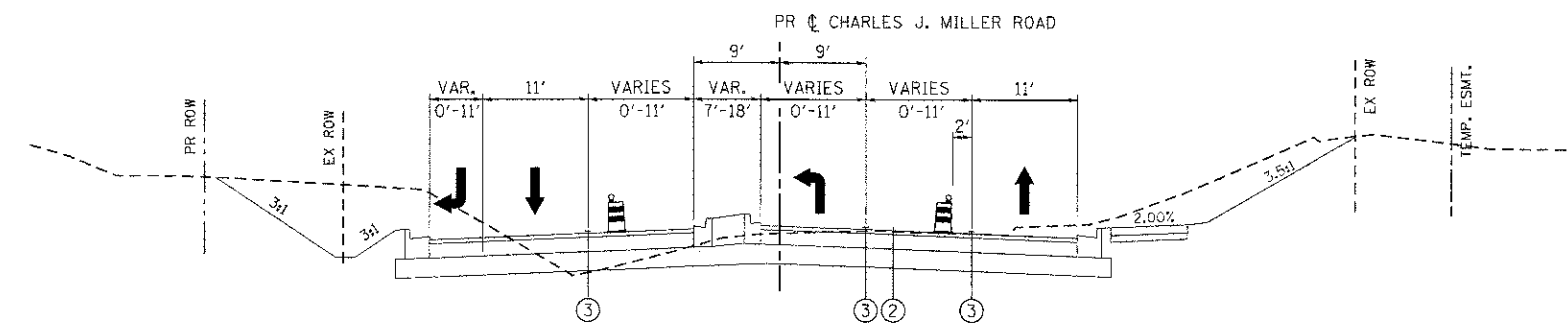
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 5 OF 12 SHEETS | STA. TO STA.

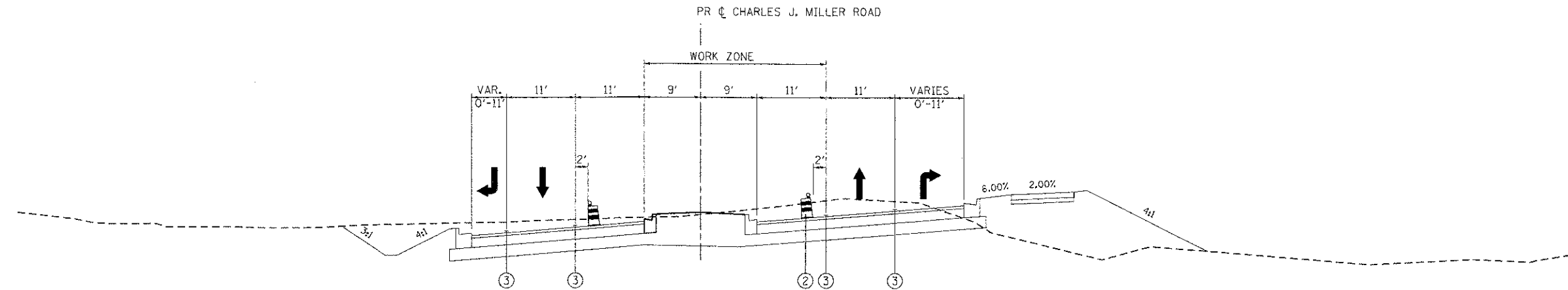
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	27
CONTRACT NO. 63633				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



CHARLES J. MILLER ROAD STAGE 3
STA. 567+00 TO STA 571+00



CHARLES J. MILLER ROAD STAGE 3
STA. 571+00 TO STA 579+00



CHARLES J. MILLER ROAD STAGE 3
STA. 579+00 TO STA 582+19

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
 - ➔ DIRECTION OF TRAFFIC

- MAINTENANCE OF TRAFFIC NOTES:**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jattano
 CLIENT: MCHENRY COUNTY
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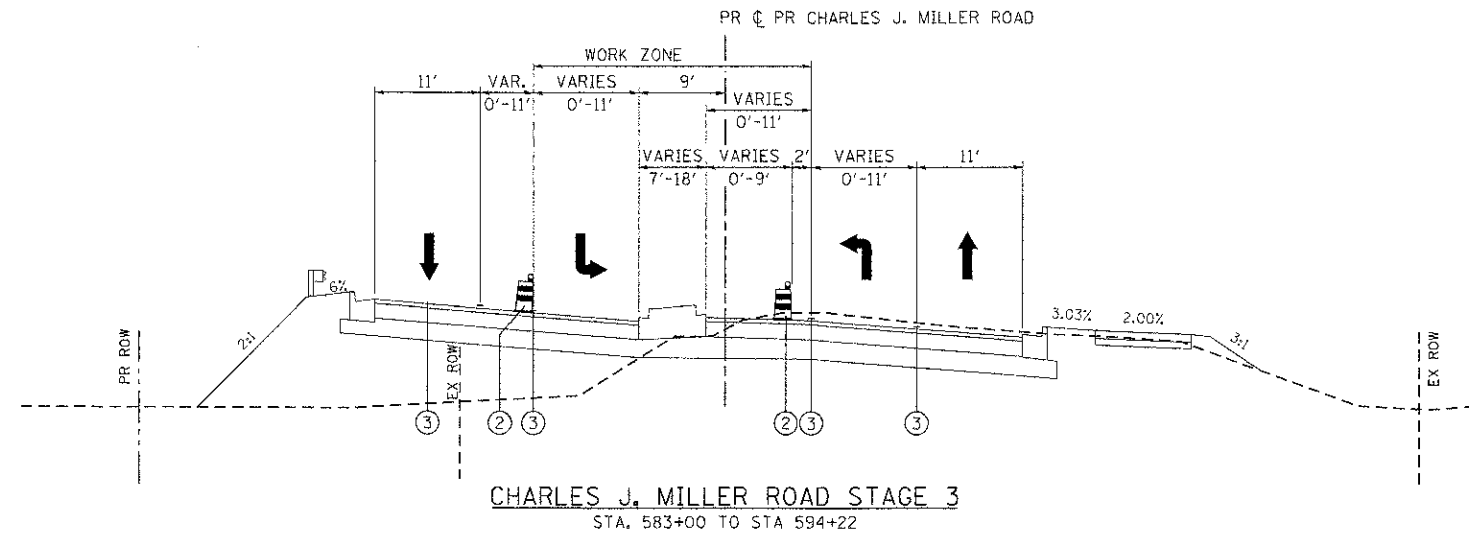
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

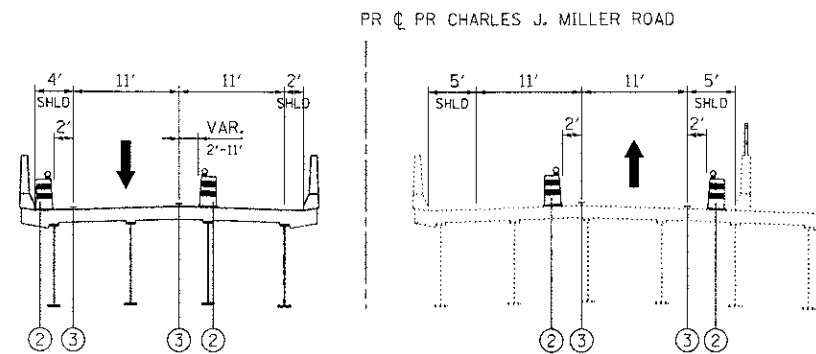
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 6 OF 12 SHEETS STA. TO STA.

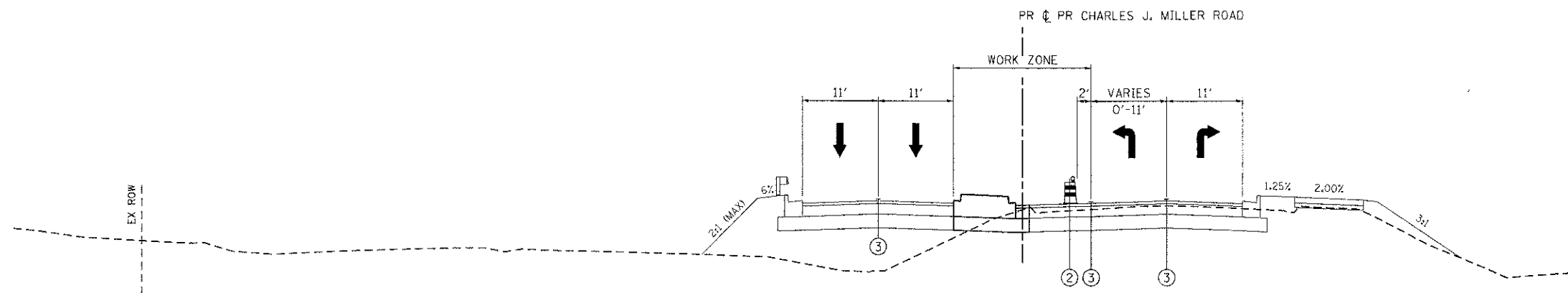
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386G	09-00372-00-PW	MCHENRY	252	28
FED. ROAD DIST. NO. 2(ILLINOIS) FED. AID PROJECT			CONTRACT NO. 63633	



CHARLES J. MILLER ROAD STAGE 3
STA. 583+00 TO STA 594+22



CHARLES J. MILLER ROAD STAGE 3
STA. 594+22 TO STA 601+40



CHARLES J. MILLER ROAD STAGE 3
STA. 601+40 TO STA 605+08

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
- ➔ DIRECTION OF TRAFFIC

- MAINTENANCE OF TRAFFIC NOTES:**
1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
 2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen
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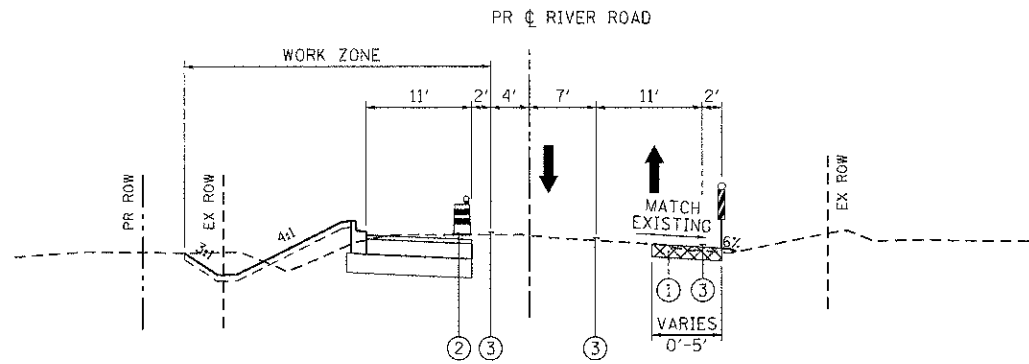
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

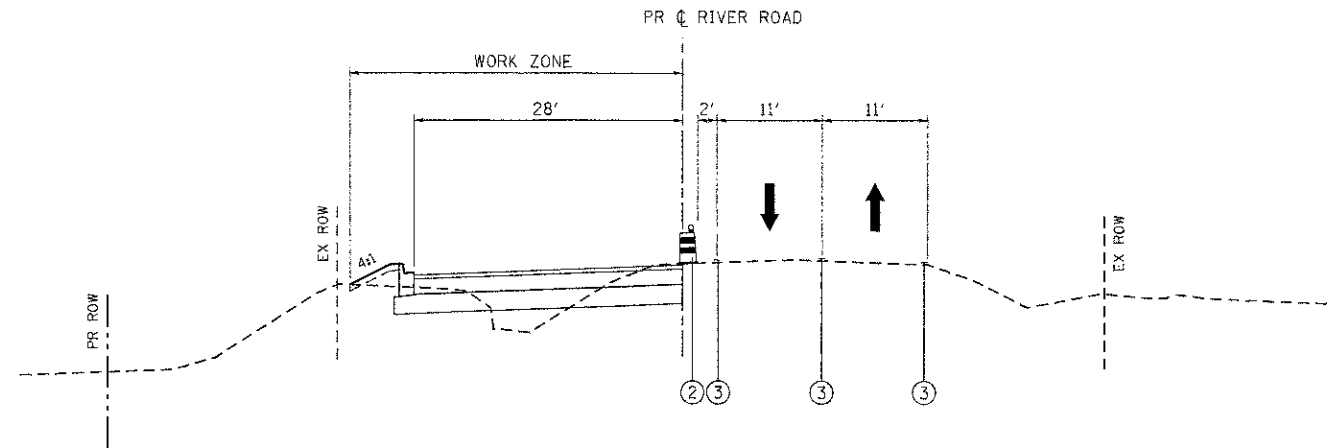
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 7 OF 12 SHEETS STA. TO STA.

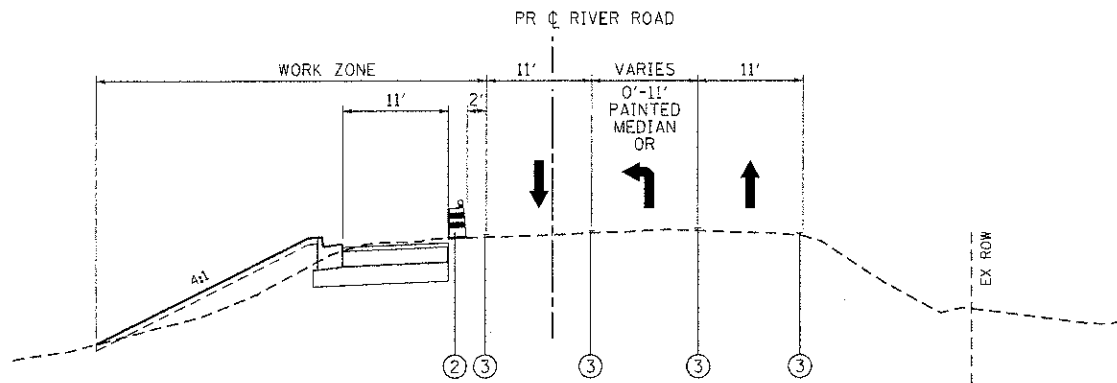
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3860	09-00372-00-PW	MCHENRY	252	29
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63633	



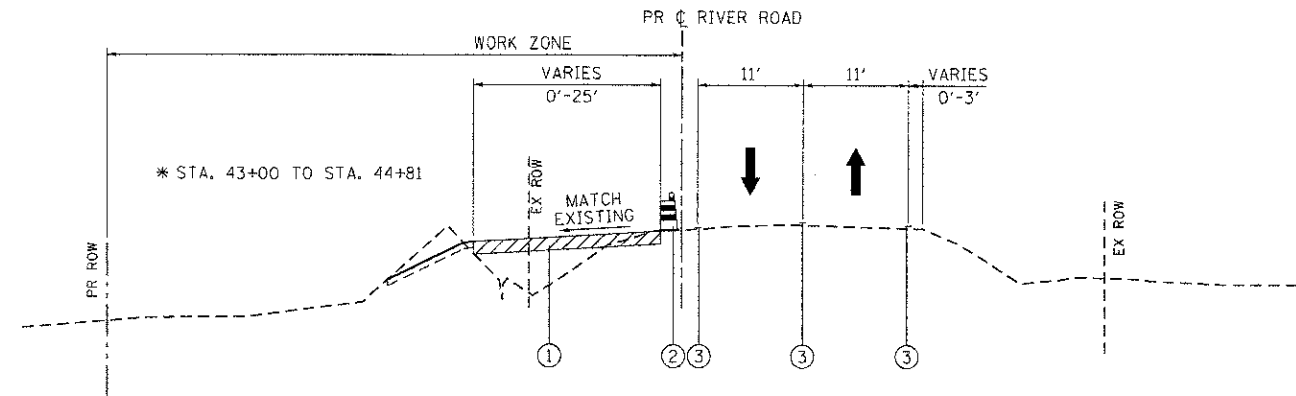
RIVER ROAD STAGE 1
STA. 19+40 TO STA 25+98



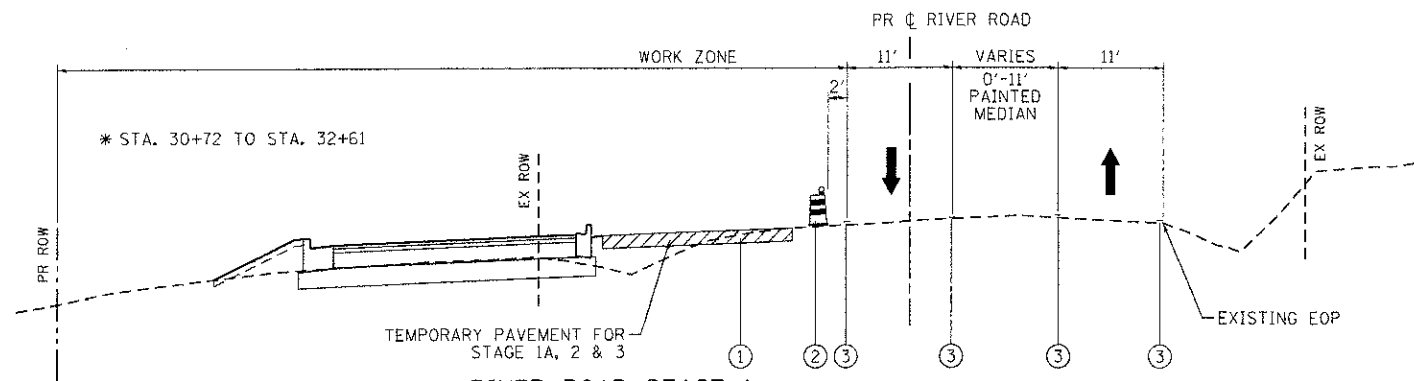
RIVER ROAD STAGE 1
STA. 39+59 TO STA 43+00



RIVER ROAD STAGE 1
STA. 25+98 TO STA 30+72



RIVER ROAD STAGE 1
STA. 43+00 TO STA 45+40



RIVER ROAD STAGE 1
STA. 30+72 TO STA 39+59

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
 - ➔ DIRECTION OF TRAFFIC

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen
 PROJECT CONTACT: jstetter
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:53:59 AM
 FILE NAME: 090071-mo1gn-21.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl



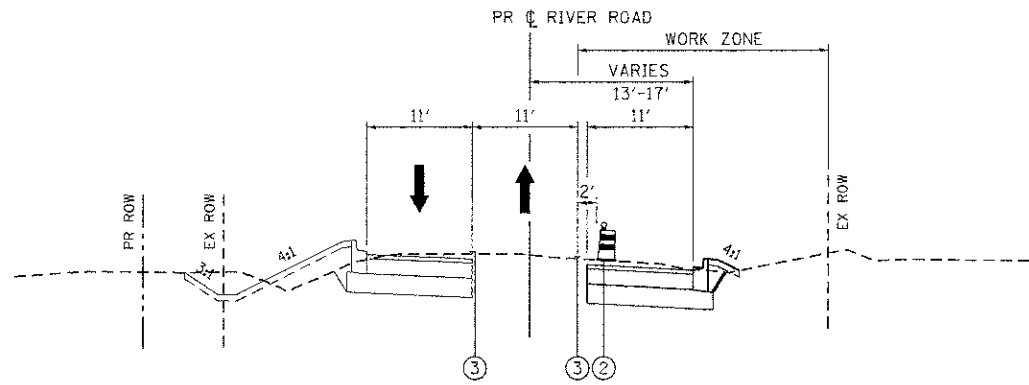
USER NAME = jstetter	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo1gn-21.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

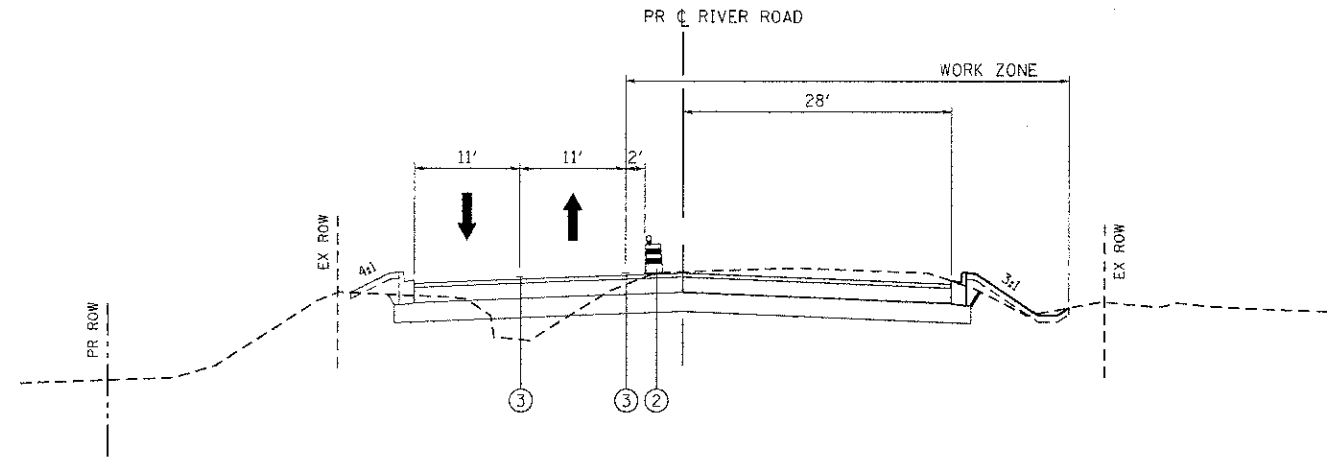
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 8 OF 12 SHEETS STA. TO STA.

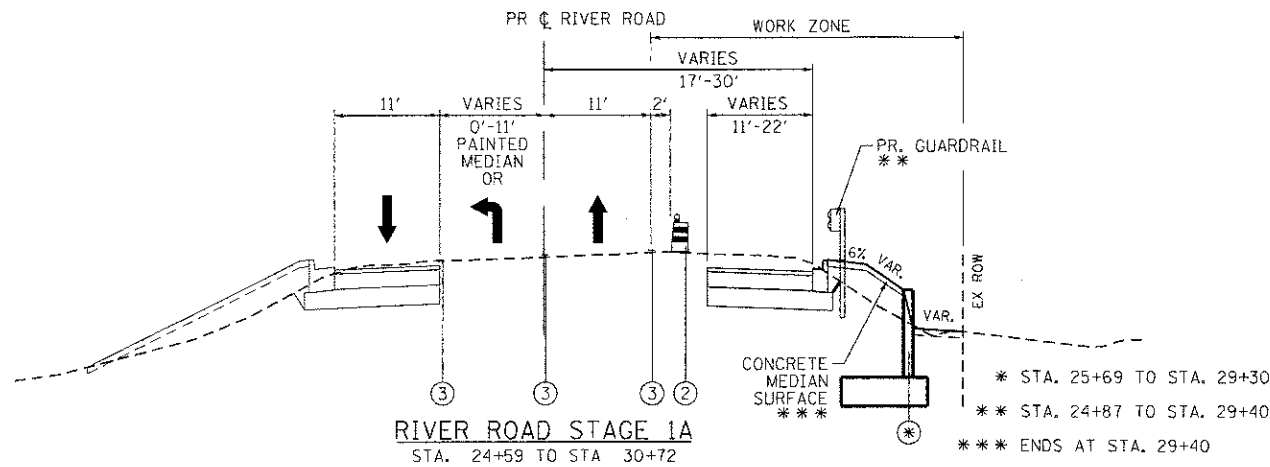
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	



RIVER ROAD STAGE 1A
STA. 19+40 TO STA 24+59

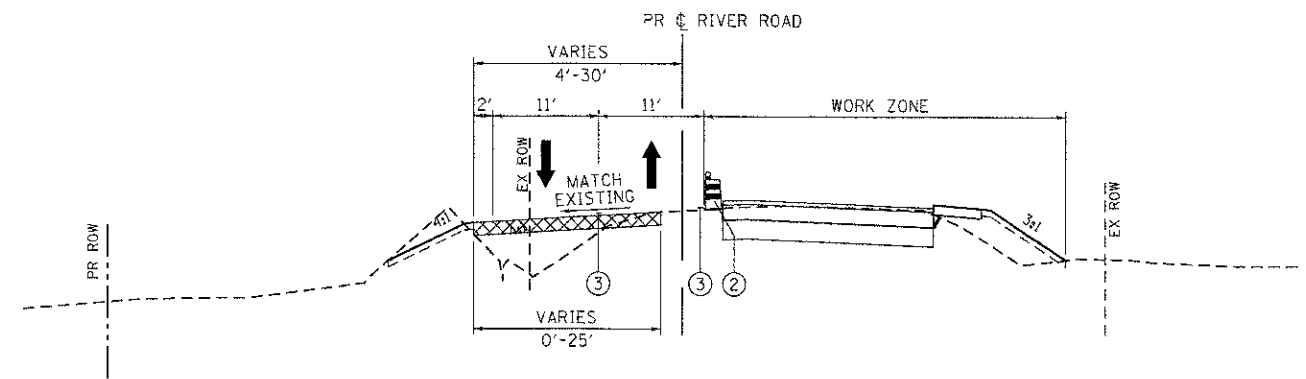


RIVER ROAD STAGE 1A
STA. 39+59 TO STA 43+00

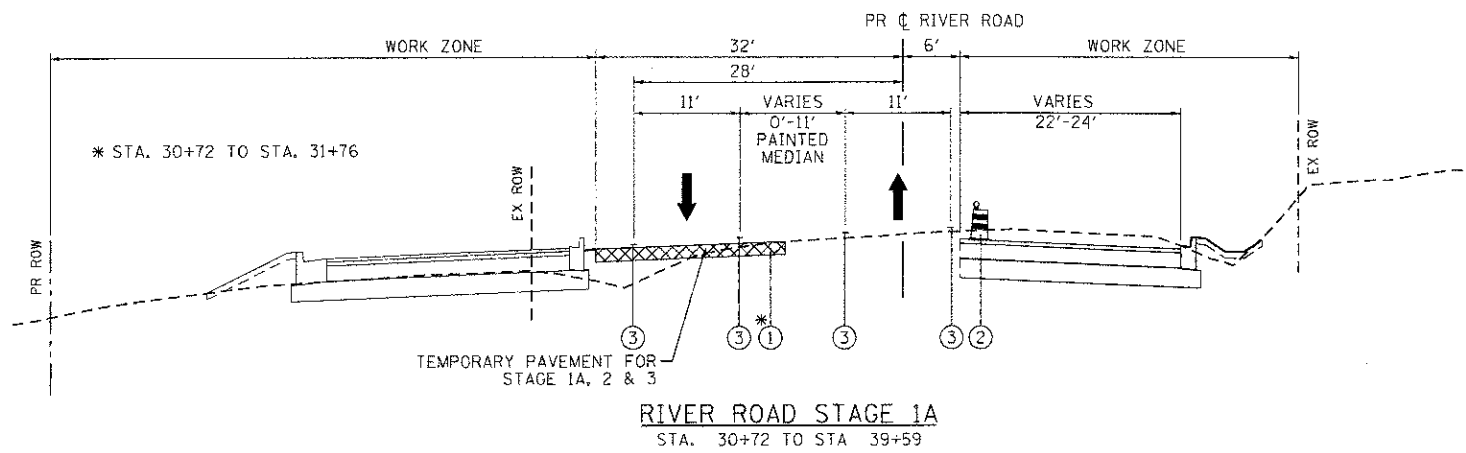


RIVER ROAD STAGE 1A
STA. 24+59 TO STA 30+72

* STA. 25+69 TO STA. 29+30
** STA. 24+87 TO STA. 29+40
*** ENDS AT STA. 29+40



RIVER ROAD STAGE 1A
STA. 43+00 TO STA 47+25



RIVER ROAD STAGE 1A
STA. 30+72 TO STA 39+59

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
 - ➔ DIRECTION OF TRAFFIC

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jstanna
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:13:45 AM
 FILE NAME: 090071-motgn-22.dgn
 PLOT DRIVER: pcfplot
 PEN TABLE: standard-trans.tbl



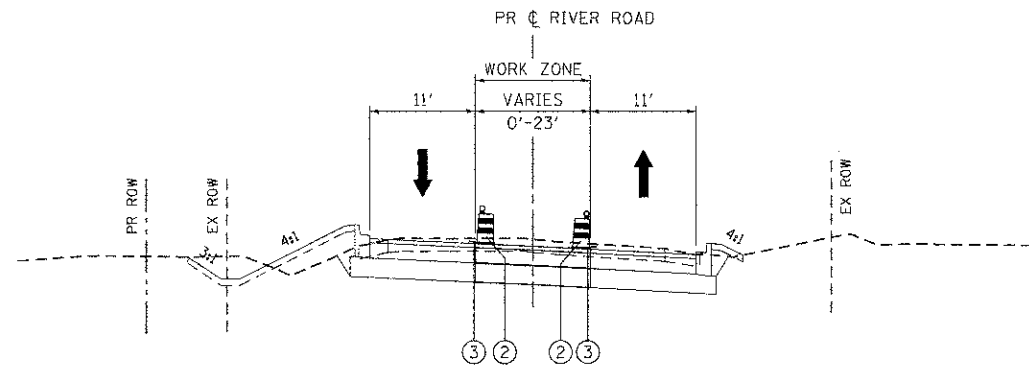
USER NAME = jstanna	DESIGNED - JPA	REVISED -
FILE NAME = 090071-motgn-22.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

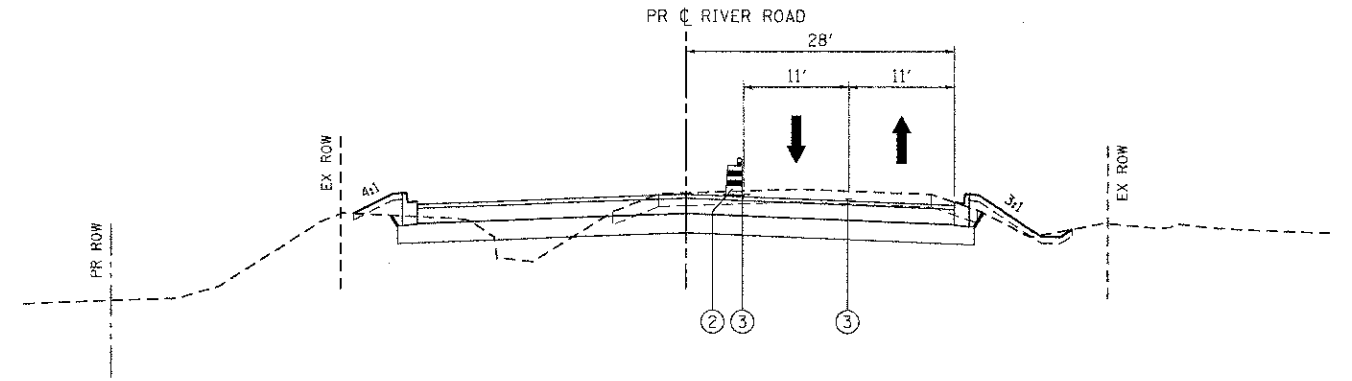
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 9 OF 12 SHEETS STA. TO STA.

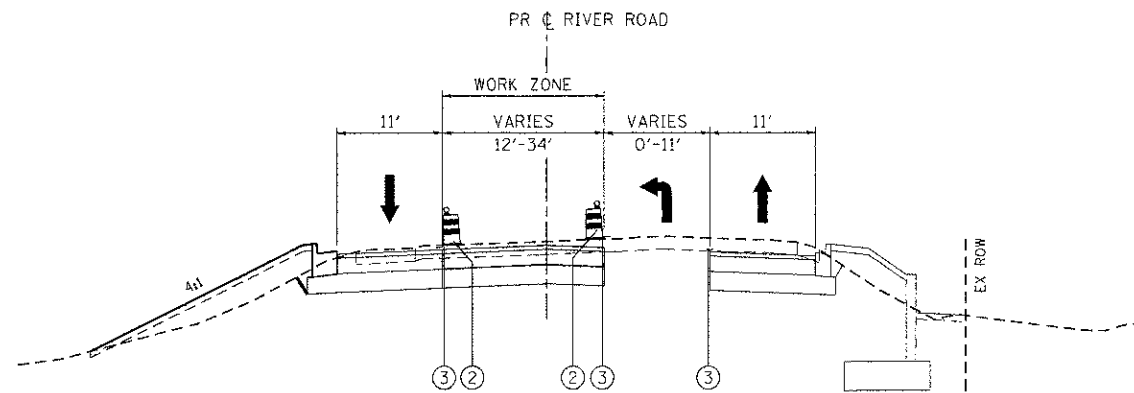
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	



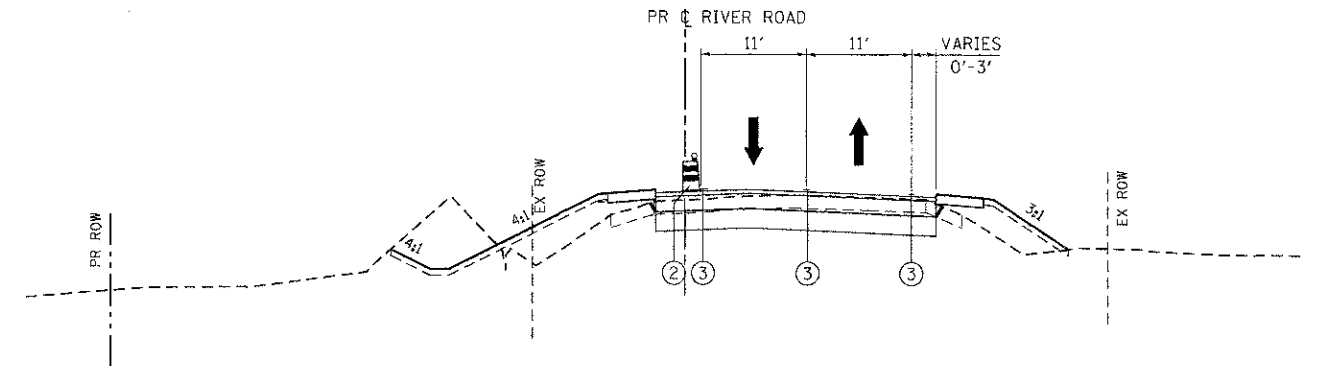
RIVER ROAD STAGE 2
STA. 19+40 TO STA. 27+72



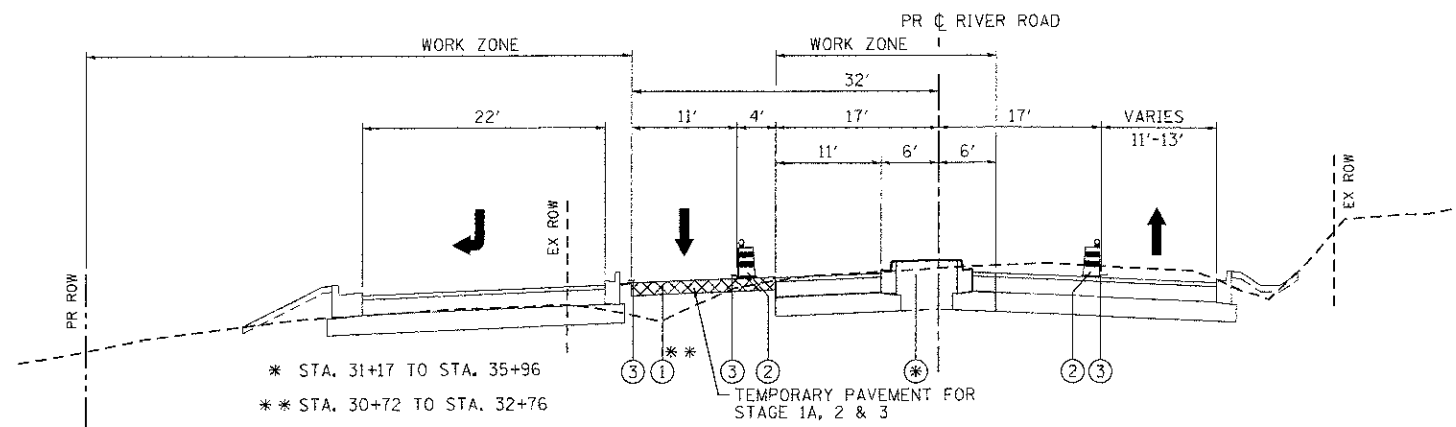
RIVER ROAD STAGE 2
STA. 39+59 TO STA. 42+00



RIVER ROAD STAGE 2
STA. 27+72 TO STA. 30+00



RIVER ROAD STAGE 2
STA. 42+00 TO STA. 45+40



RIVER ROAD STAGE 2
STA. 30+00 TO STA. 39+59

* STA. 31+17 TO STA. 35+96
** STA. 30+72 TO STA. 32+76

TEMPORARY PAVEMENT FOR STAGE 1A, 2 & 3

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
- ➔ DIRECTION OF TRAFFIC

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen
 PROJECT CONTRACT: 090071-00-00-00-00
 DATE: 7/23/2012 10:35:55 AM
 CLIENT: MCHENRY COUNTY
 FILE NAME: 090071-mo'op-22-dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



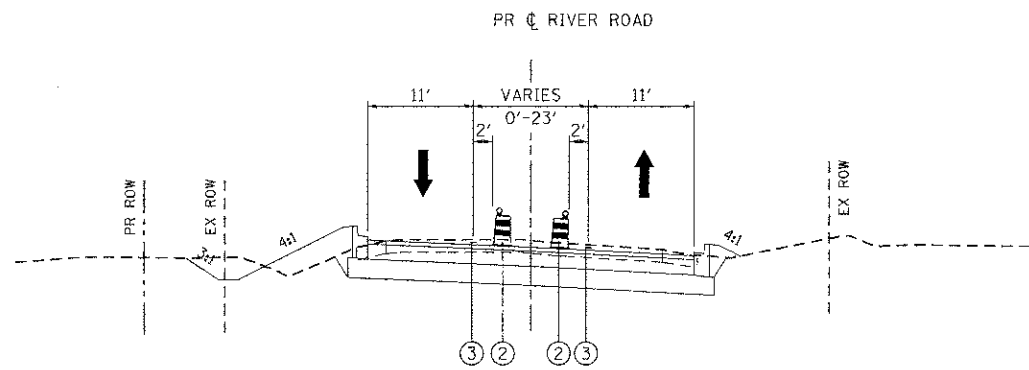
USER NAME = jattana	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo'op-22.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

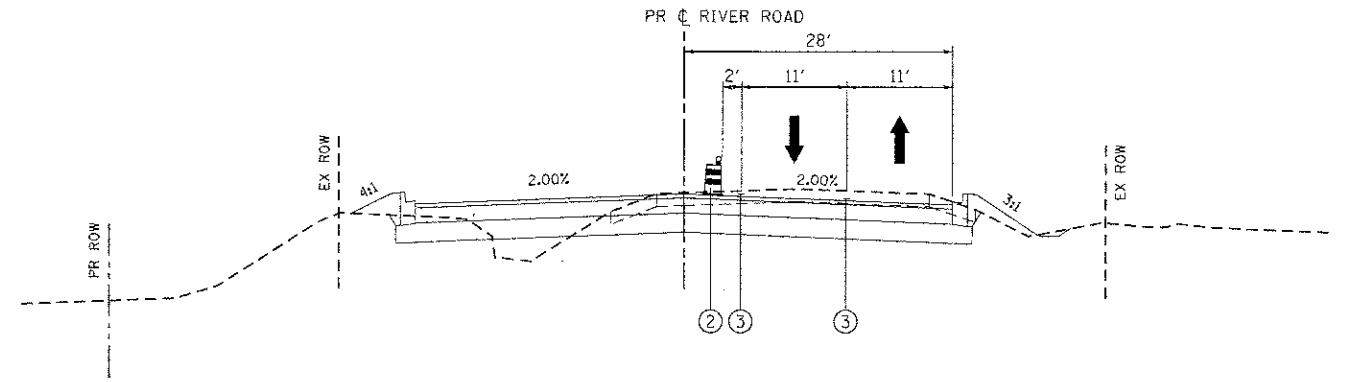
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 10 OF 12 SHEETS STA. TO STA.

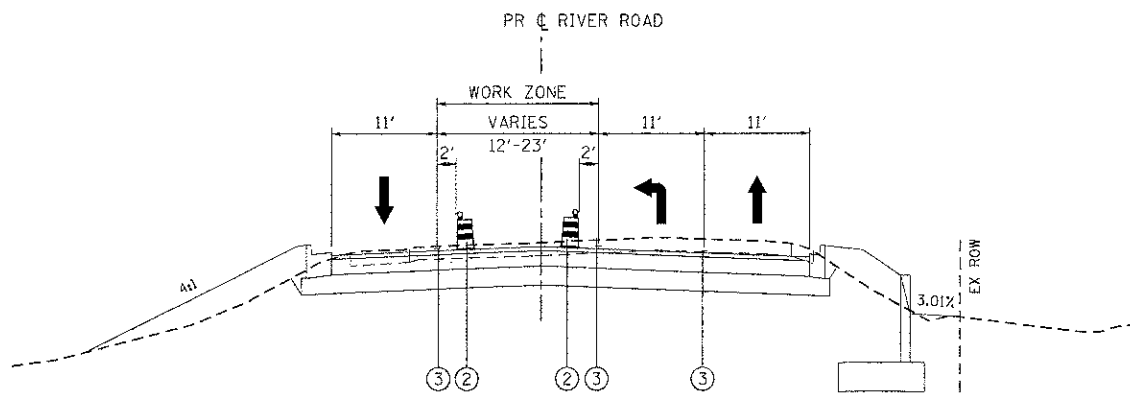
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	32
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63633	



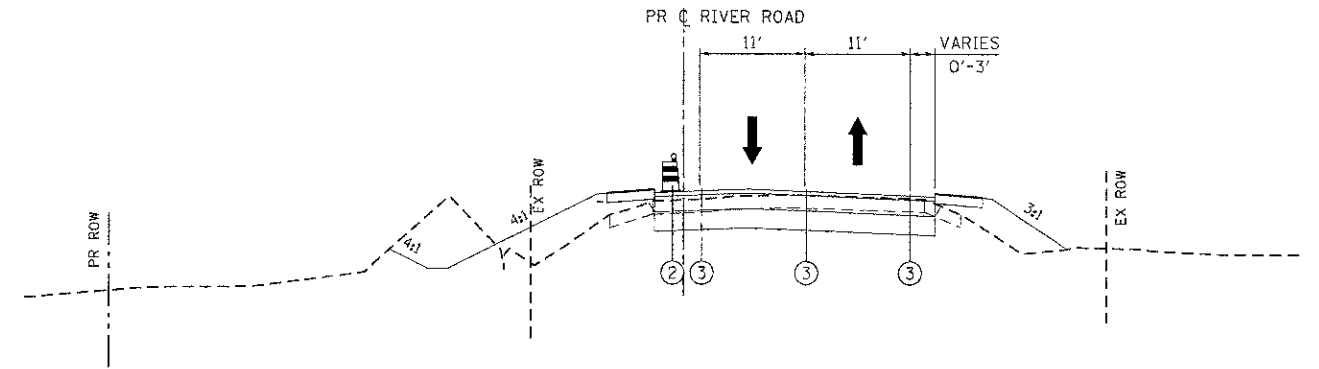
RIVER ROAD STAGE 3
STA. 19+40 TO STA 27+72



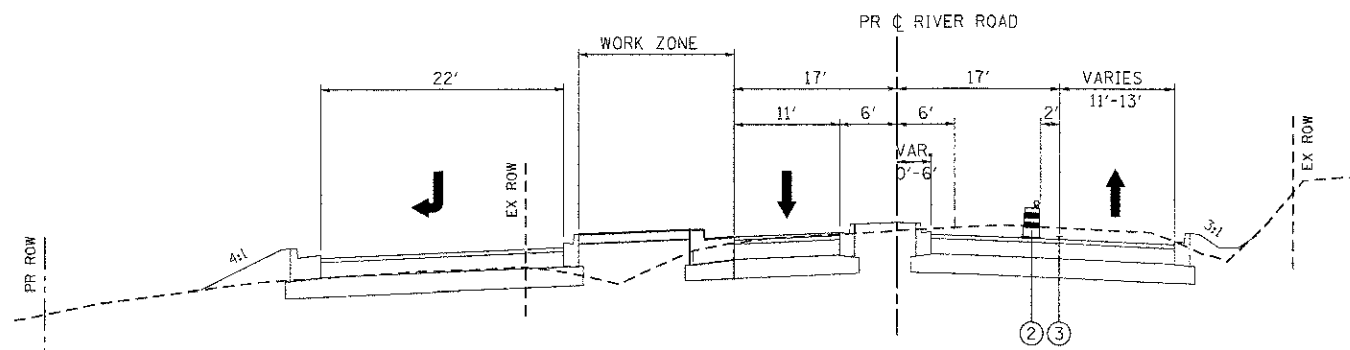
RIVER ROAD STAGE 3
STA. 39+59 TO STA 43+00



RIVER ROAD STAGE 3
STA. 27+72 TO STA 39+59



RIVER ROAD STAGE 3
STA. 43+00 TO STA 45+40



RIVER ROAD STAGE 3
STA. 30+00 TO STA 39+59

- LEGEND:**
- ① TEMPORARY PAVEMENT, 10" (SEE NOTE 2)
 - ② TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
 - ③ PAVEMENT MARKING TAPE, TYPE III; TEMPORARY PAVEMENT MARKING (SEE NOTE 1)
 - ④ EXISTING PAVEMENT MARKING
 - ⑤ VERTICAL PANELS WITH STEADY BURNING LIGHTS (50 FT CENTERS)
 - ➔ DIRECTION OF TRAFFIC

MAINTENANCE OF TRAFFIC NOTES:

1. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS AND TYPE OF TEMPORARY PAVEMENT MARKING.
2. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR TEMPORARY PAVEMENT CONSTRUCTION STAGING.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jettena
 DATE PLOTTED: 7/23/2012 11:46:03 AM
 FILE NAME: 090071-motgn-24.dgn
 PLOT DRIVER: pdfcut
 PLOT TABLE: standard-trans.tbl



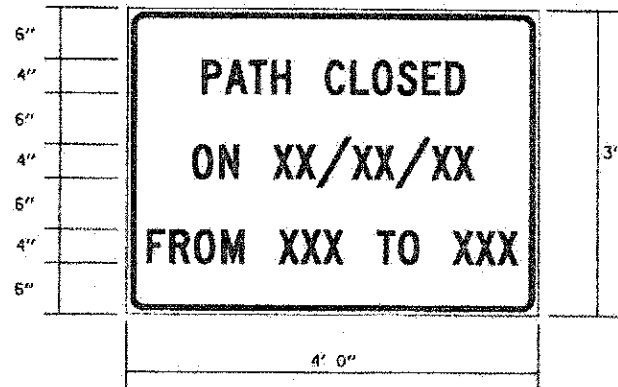
USER NAME = jettena	DESIGNED - JPA	REVISED -
FILE NAME = 090071-motgn-24.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

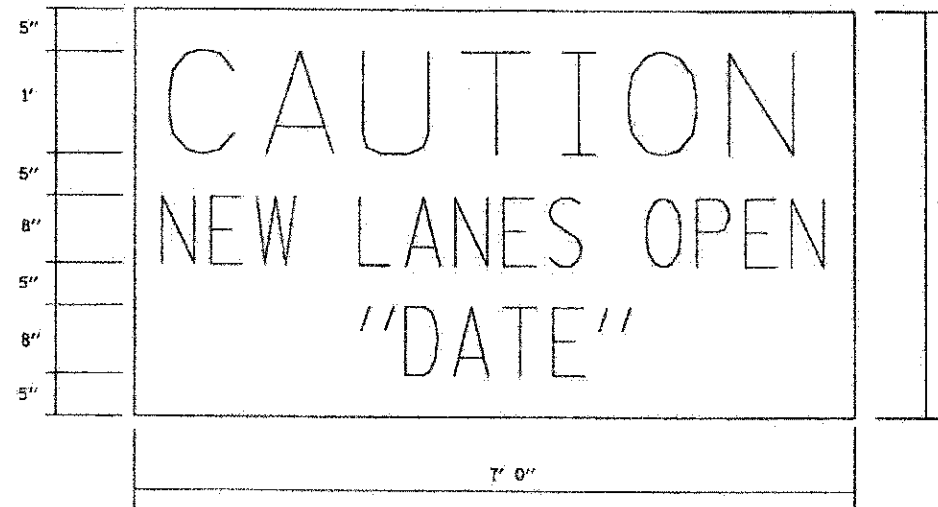
**SUGGESTED MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 11 OF 12 SHEETS STA. TO STA.

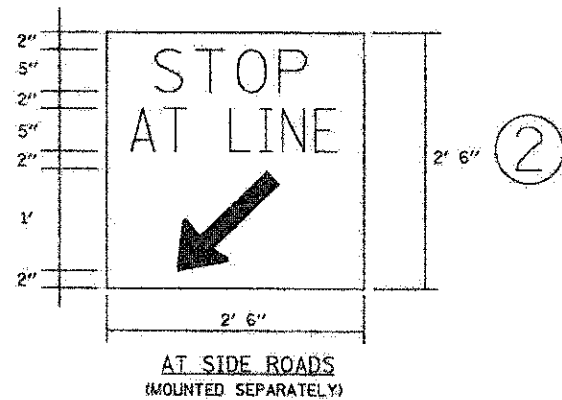
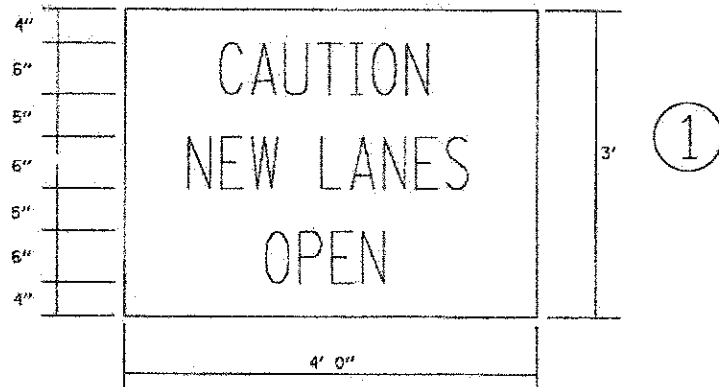
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	33
FED. ROAD DIST. NO.			BILLING: FED. AID PROJECT	
			CONTRACT NO. 63633	



BIKE PATH TEMPORARY INFORMATION SIGNING

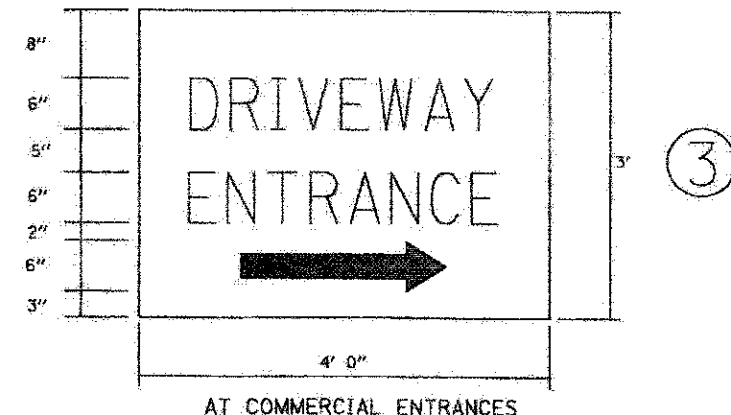


AT ENDS OF PROJECT



AT SIDE ROADS (MOUNTED SEPARATELY)

NOTE: ABOVE SIGNS SHALL BE BLACK ON ORANGE REFLECTIVE BACKGROUND



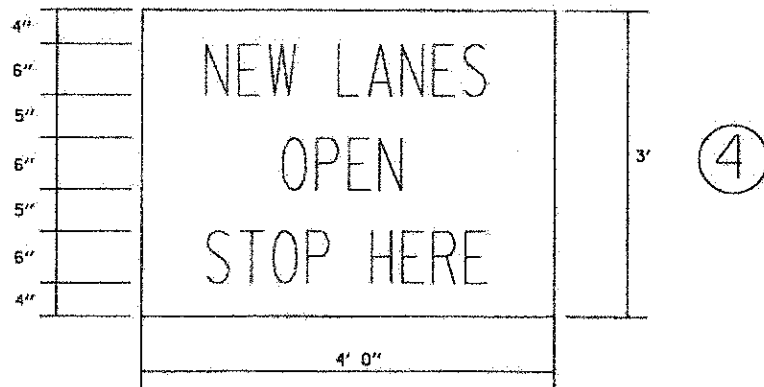
AT COMMERCIAL ENTRANCES

NOTE: SIGN SHALL BE GREEN ON WHITE REFLECTIVE BACKGROUND WITH .50 IN. BORDER.

TWO SIGNS SHALL BE USED AT EACH COMMERCIAL DRIVEWAY AS DIRECTED BY THE ENGINEER.

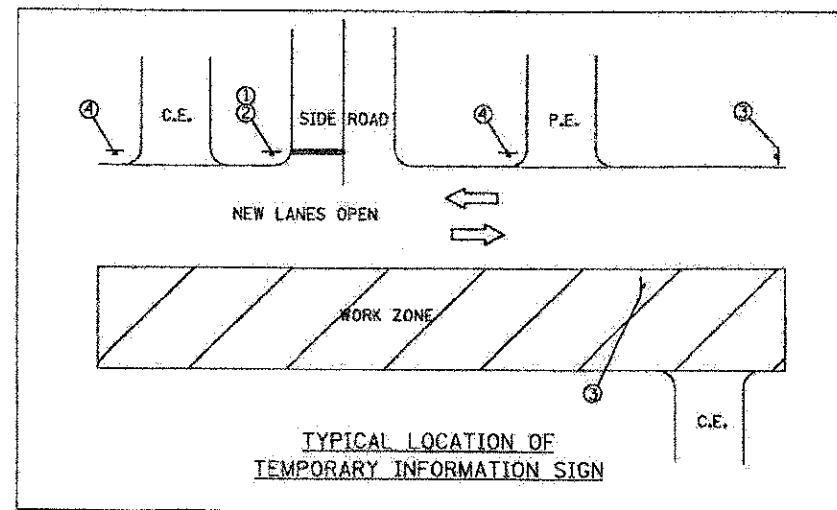
HALF OF THE SIGNS SHALL REQUIRE THE ARROW TO POINT TO THE LEFT AND THE OTHER HALF TO THE RIGHT (AS SHOWN).

SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNS" FOR ADDITIONAL INFORMATION. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN.



AT ENTRANCES

NOTE: ABOVE SIGNS SHALL BE BLACK ON ORANGE REFLECTIVE BACKGROUND.



TYPICAL LOCATION OF TEMPORARY INFORMATION SIGN

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:40:08 AM
 FILE NAME: 090071-motgn-25.dgn
 PLOT NAME: pat_cvt
 PEN TABLE: standard-trans.tbl



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FILE NAME = 090071-motgn-25.dgn	DRAWN - SVJ	REVISED -
PLT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

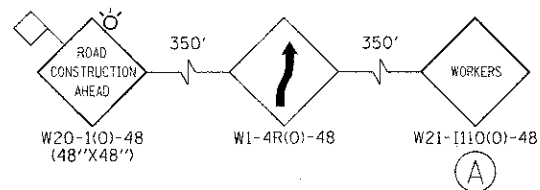
SUGGESTED MAINTENANCE OF TRAFFIC - TEMPORARY SIGN DETAILS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

SCALE: N.T.S. SHEET NO. 12 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	34
FED. ROAD DIST. NO.			CONTRACT NO. 63633	
ILLINOIS FED. AID PROJECT				

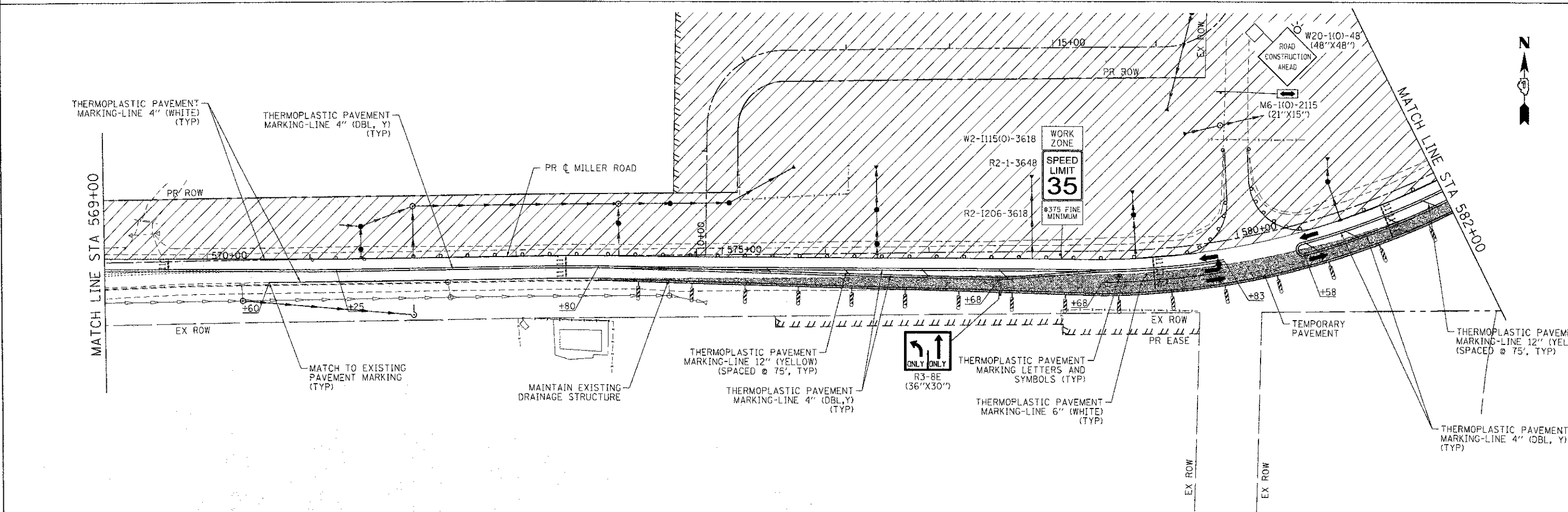
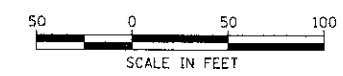
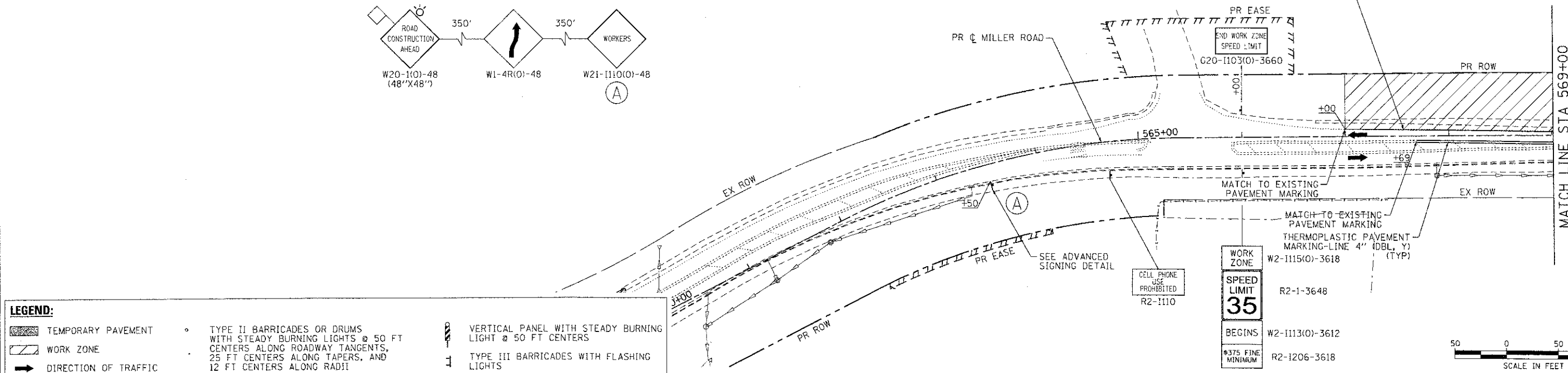


ADVANCED SIGNING DETAIL



LEGEND:

- TEMPORARY PAVEMENT
- WORK ZONE
- DIRECTION OF TRAFFIC
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
- VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
- TYPE III BARRICADES WITH FLASHING LIGHTS



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. Jettano
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:55:58 AM
 FILE NAME: 090071-mch-04.dgn
 PLOT SCALE: 1" = 50'
 PLOT DATE: 7/23/2012

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

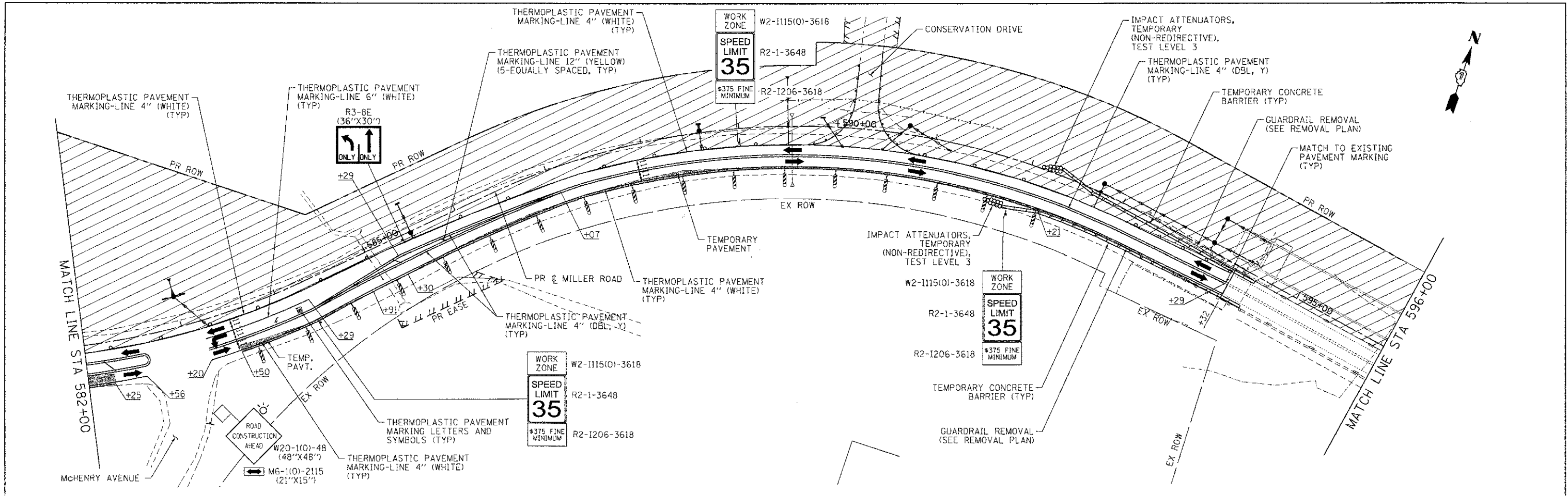
USER NAME = jettano	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mch-04.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

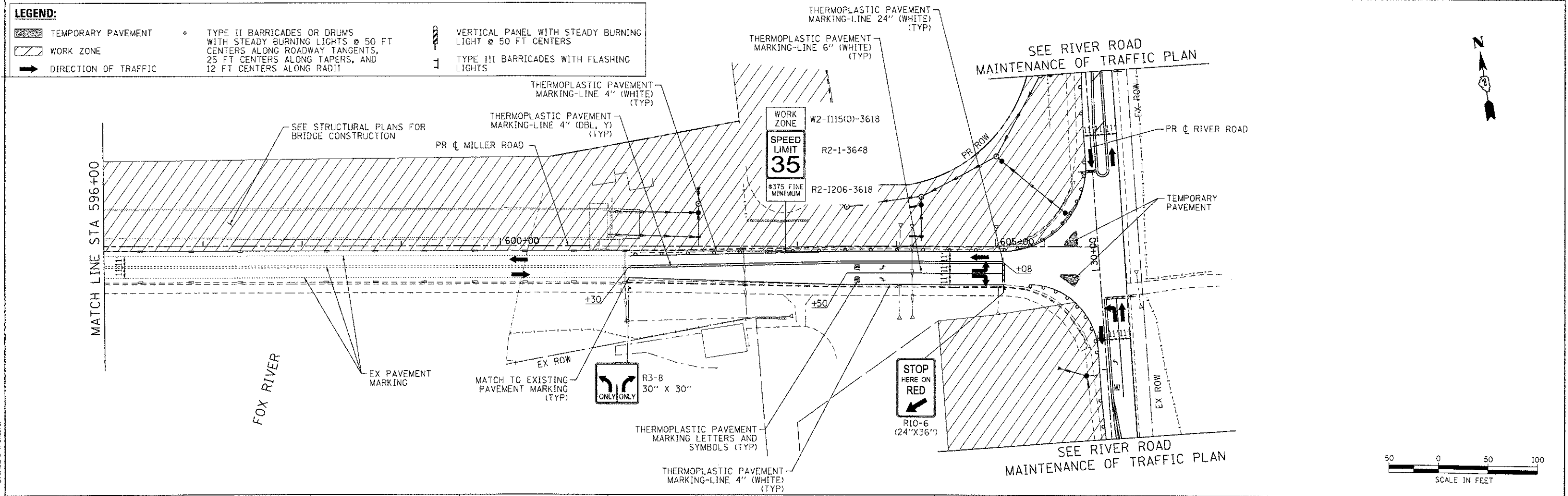
SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

SCALE: 1" = 50' | SHEET NO. 1 OF 14 SHEETS | STA. TO STA.



- LEGEND:**
- TEMPORARY PAVEMENT
 - WORK ZONE
 - DIRECTION OF TRAFFIC
 - TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADIUS
 - VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
 - TYPE III BARRICADES WITH FLASHING LIGHTS



7/23/2012 11:56:07 AM
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 strondarc-trans.tbl



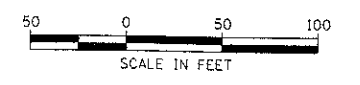
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FILE NAME = 090071-mch1-05.dgn	DRAWN = SVJ	REVISED =
PLOT SCALE = 1" = 50'	CHECKED = JLP	REVISED =
PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

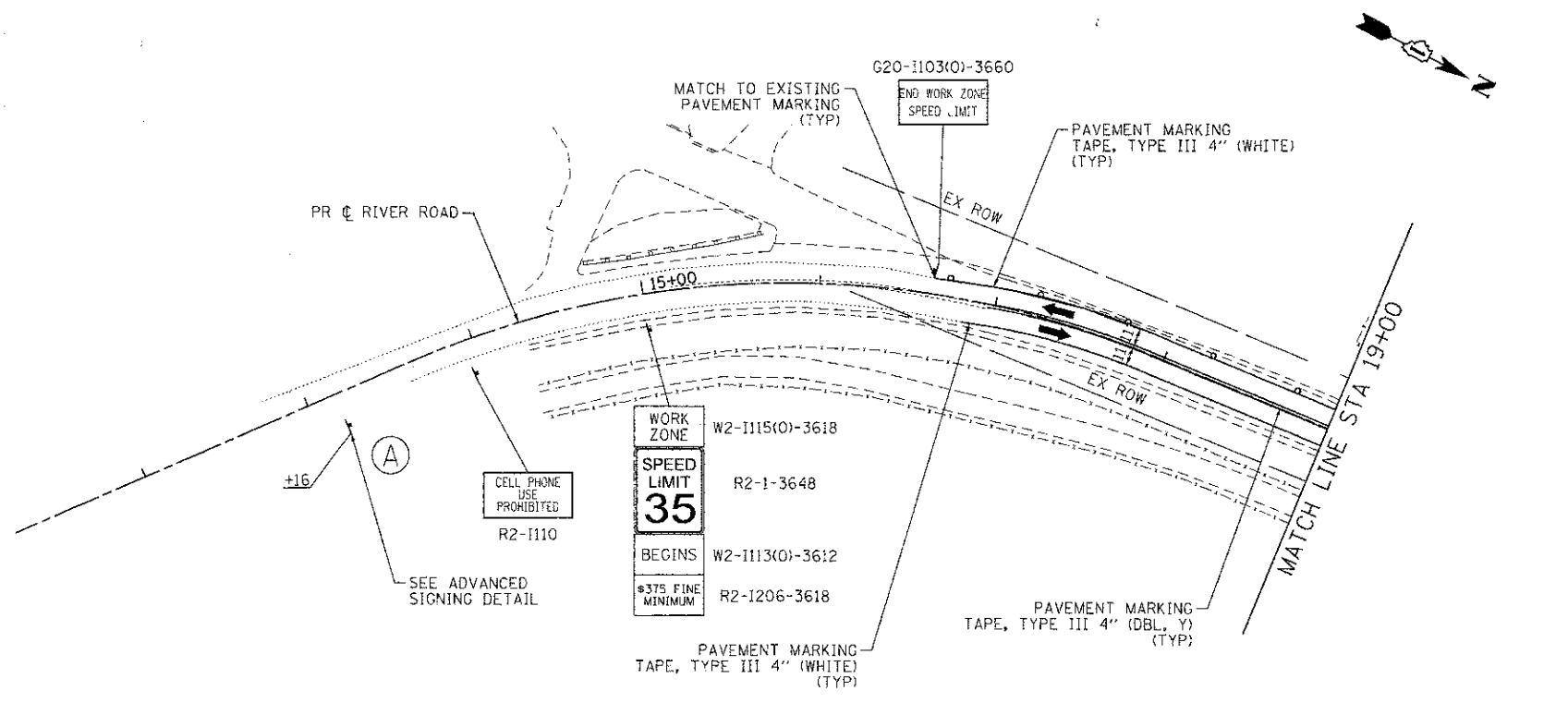
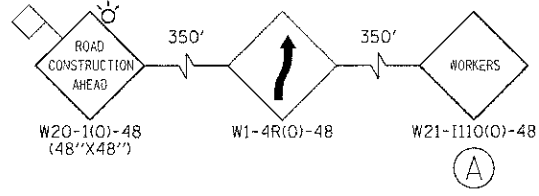
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.J. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 36
CONTRACT NO. 63633			ILLINOIS/FED. AID PROJECT	

SCALE: 1" = 50' SHEET NO. 2 OF 14 SHEETS STA. TO STA.

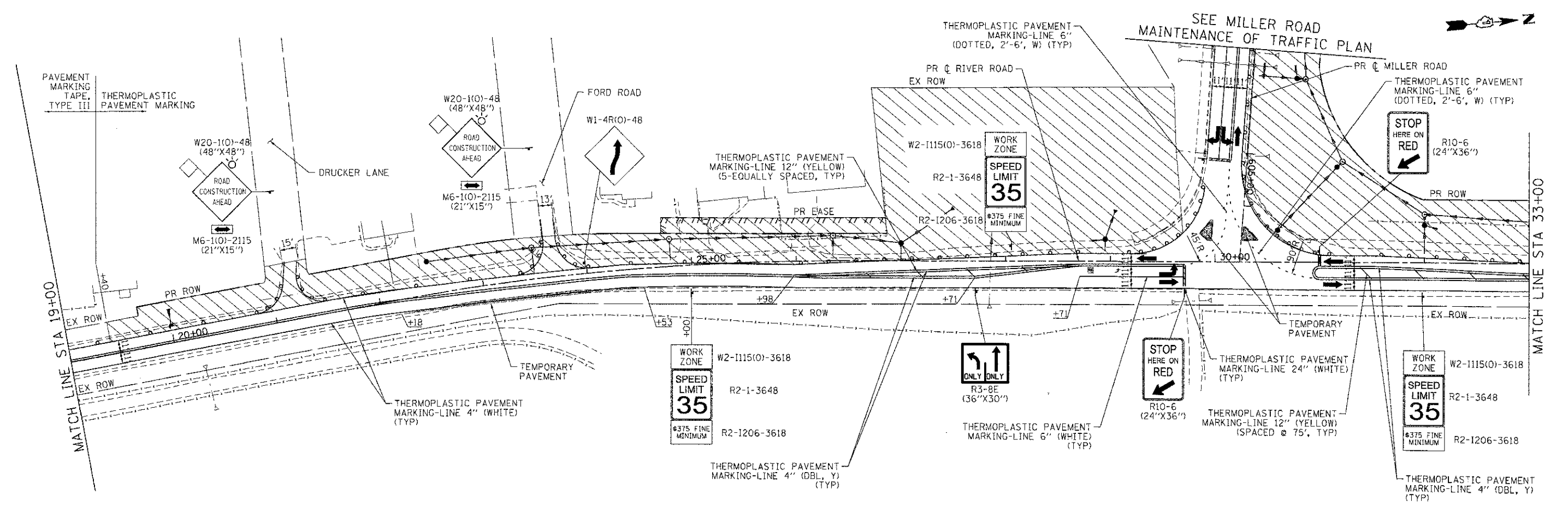
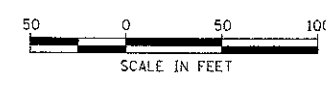


ADVANCED SIGNING DETAIL



LEGEND:

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	
DIRECTION OF TRAFFIC		



COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:17:41 AM
 FILE NAME: 090071-mo1-09.dgn
 PLOT DRIVER: pct
 PEN TABLE: standard-trans.tbl



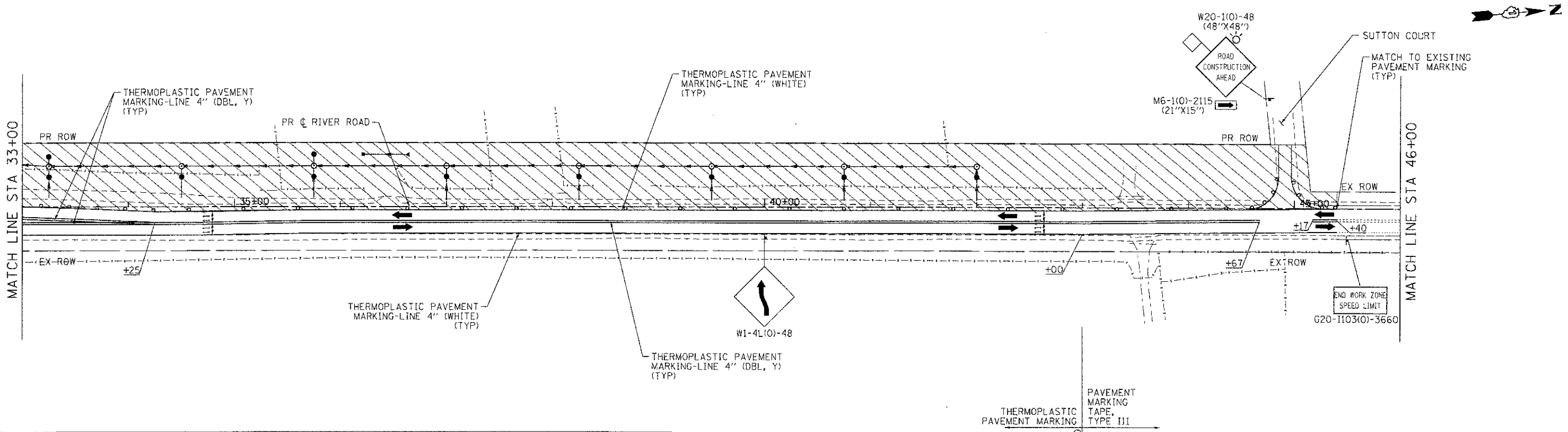
USER NAME = jactena	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo1-09.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

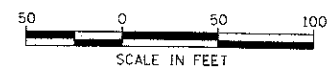
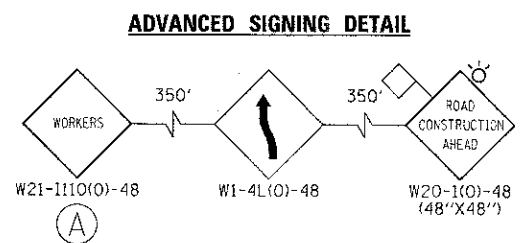
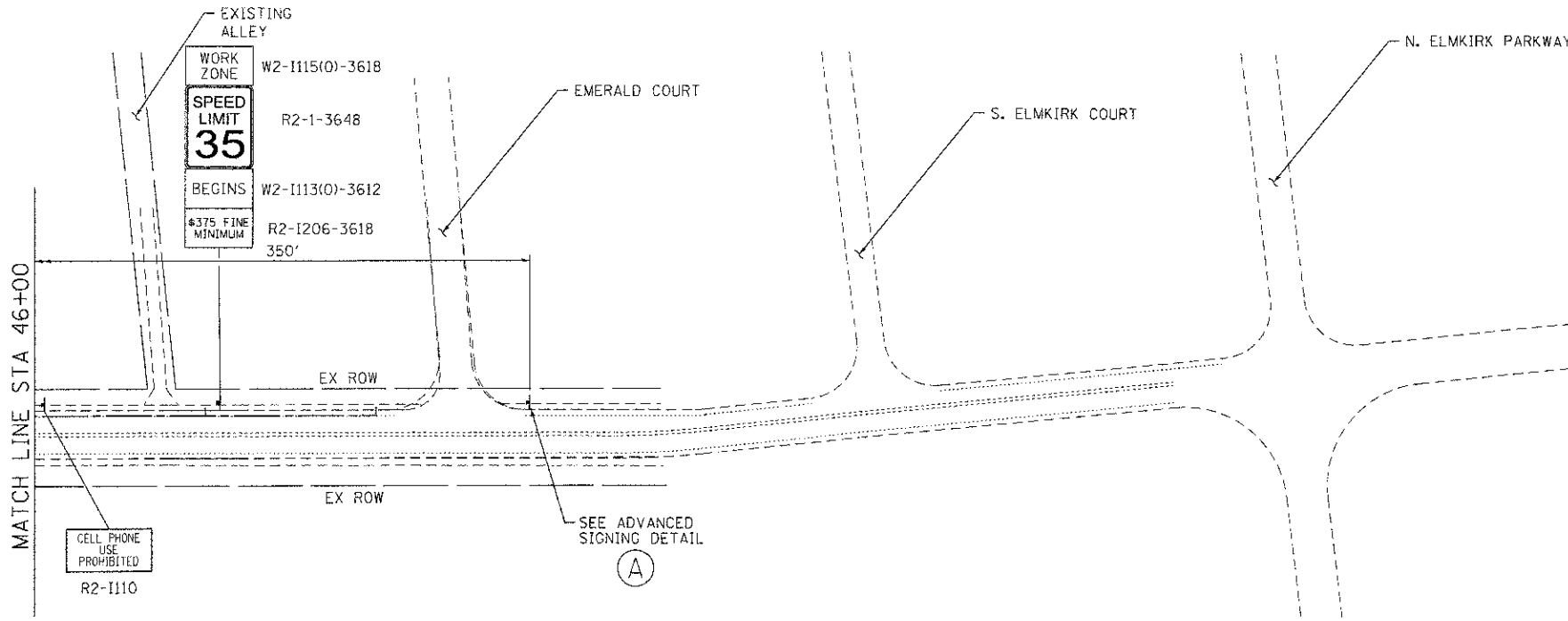
SCALE: 1" = 50' SHEET NO. 3 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 37
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS



COMPANY NAME: HRGreen
 PROJECT CONTACT: J. J. J. J.
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:16:26 AM
 FILE NAME: 090372-mat1-10.dgn
 PLOT DRIVERS: pdfplot
 PEN TABLE: s-render-0-trans.tbl



USER NAME = jettone	DESIGNED - JPA	REVISED -
FILE NAME = 090372-mat1-10.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

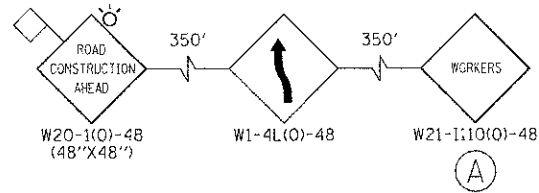
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

SCALE: 1" = 50' SHEET NO. 4 OF 14 SHEETS STA. TO STA.

ADVANCED SIGNING DETAIL



G20-1103(0)-3660
END WORK ZONE
SPEED LIMIT

CELL PHONE
USE
PROHIBITED
R2-1110

WORK ZONE
SPEED LIMIT
35
BEGINS
#375 FINE
MINIMUM

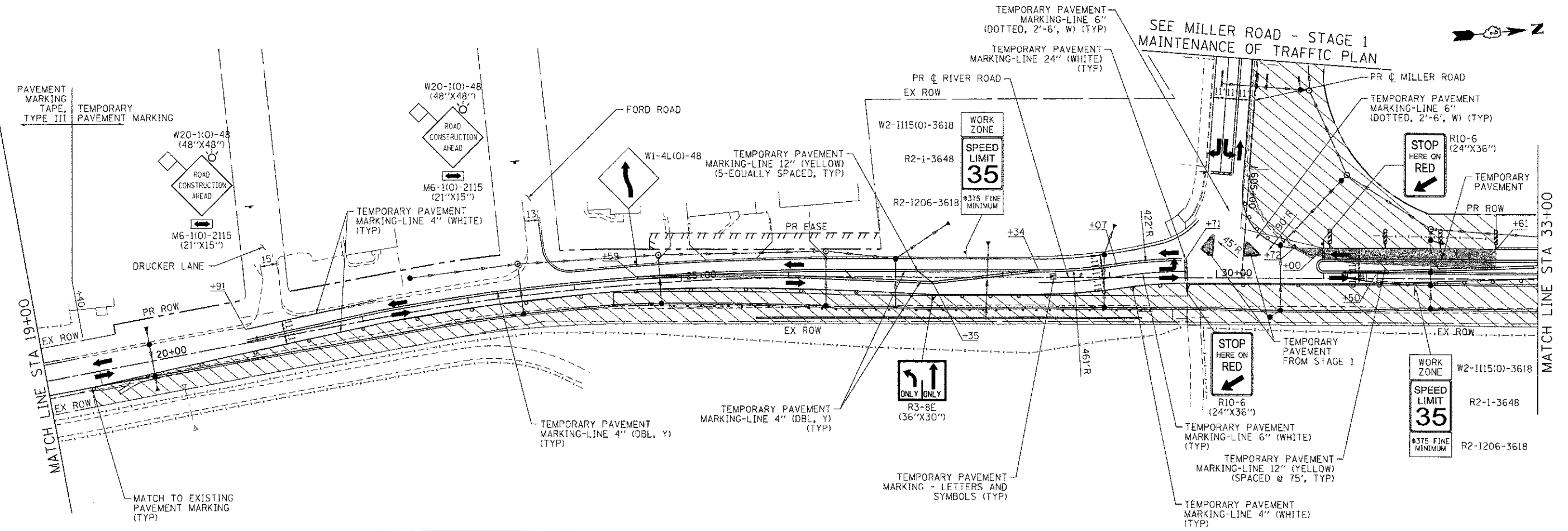
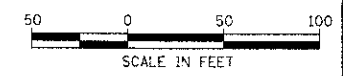
W2-1115(0)-3618
R2-1-3648
W2-1113(0)-3612
R2-1206-3618

SEE ADVANCED
SIGNING DETAIL
(A)

MATCH LINE STA 19+00

LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen.com
PROJECT CONTACT: J. Jettone
CLIENT: MCHENRY COUNTY
FILE NAME: 090071-mc11a-09.dgn
PLOT DRIVER: nrf.drf
PEN TABLE: standard-trans.tbl

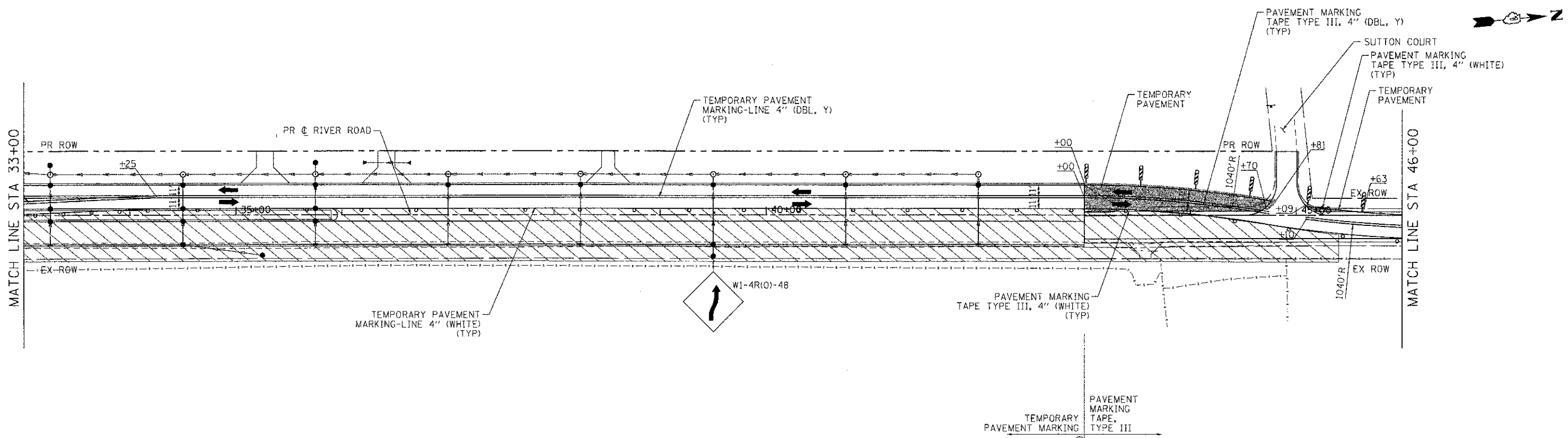
USER NAME = jettone	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mc11a-09.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 60'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

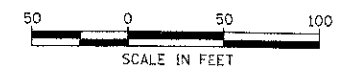
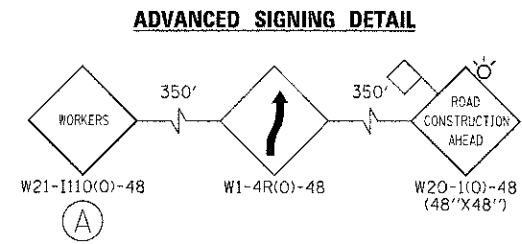
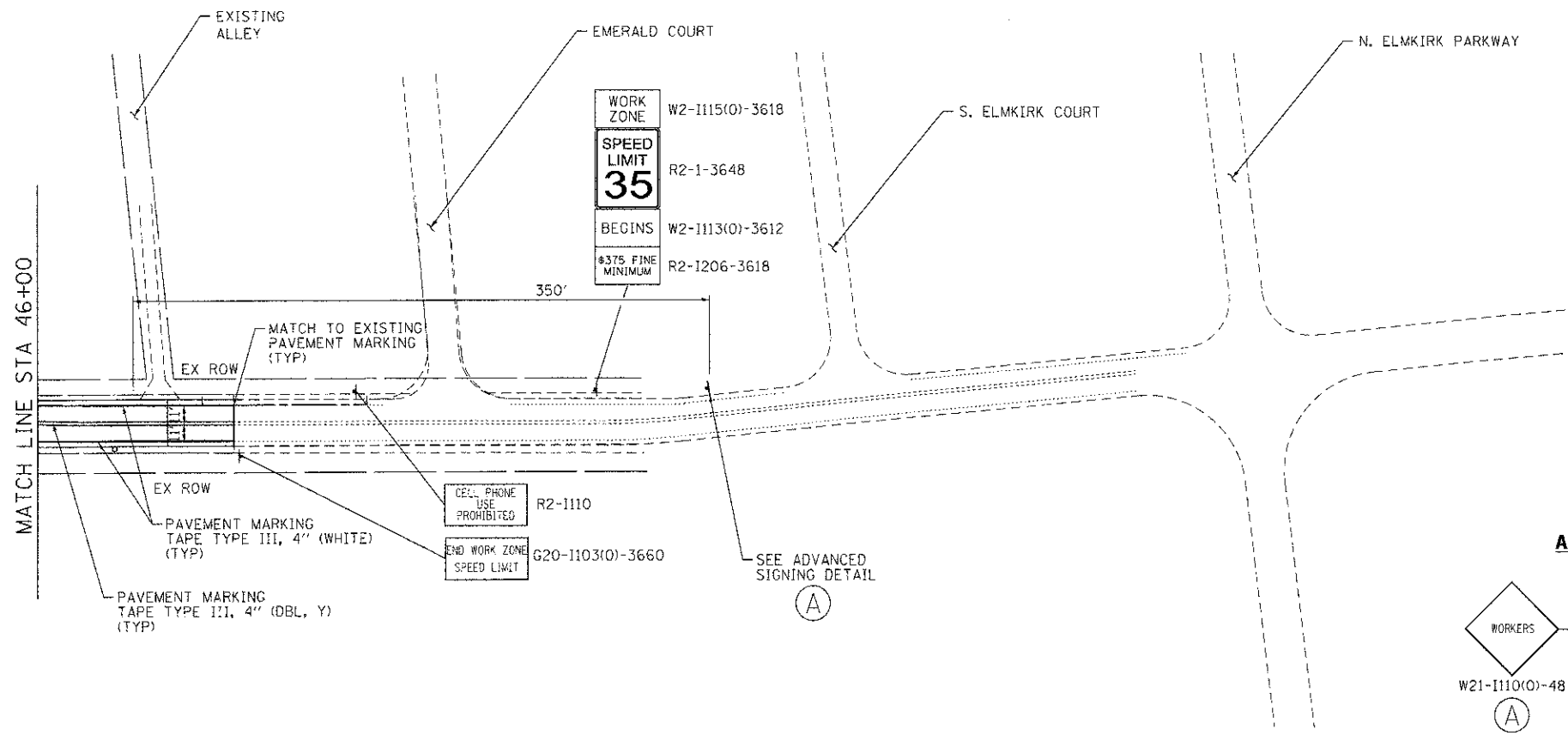
SCALE: 1" = 50' SHEET NO. 5 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 39
CONTRACT NO. 63633				



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jattena
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:54:42 AM
 FILE NAME: 090071-mct10-10.dgn
 PLOT DRIVER: pefpnt
 VIEW TABLE: g:\roads\cl-trans.tbl



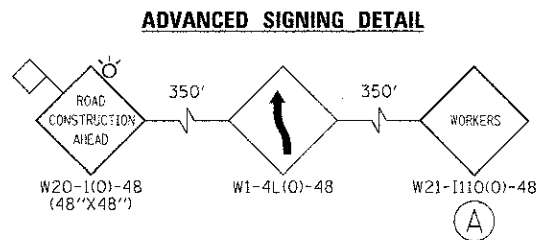
USER NAME = jattena	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mct10-10.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

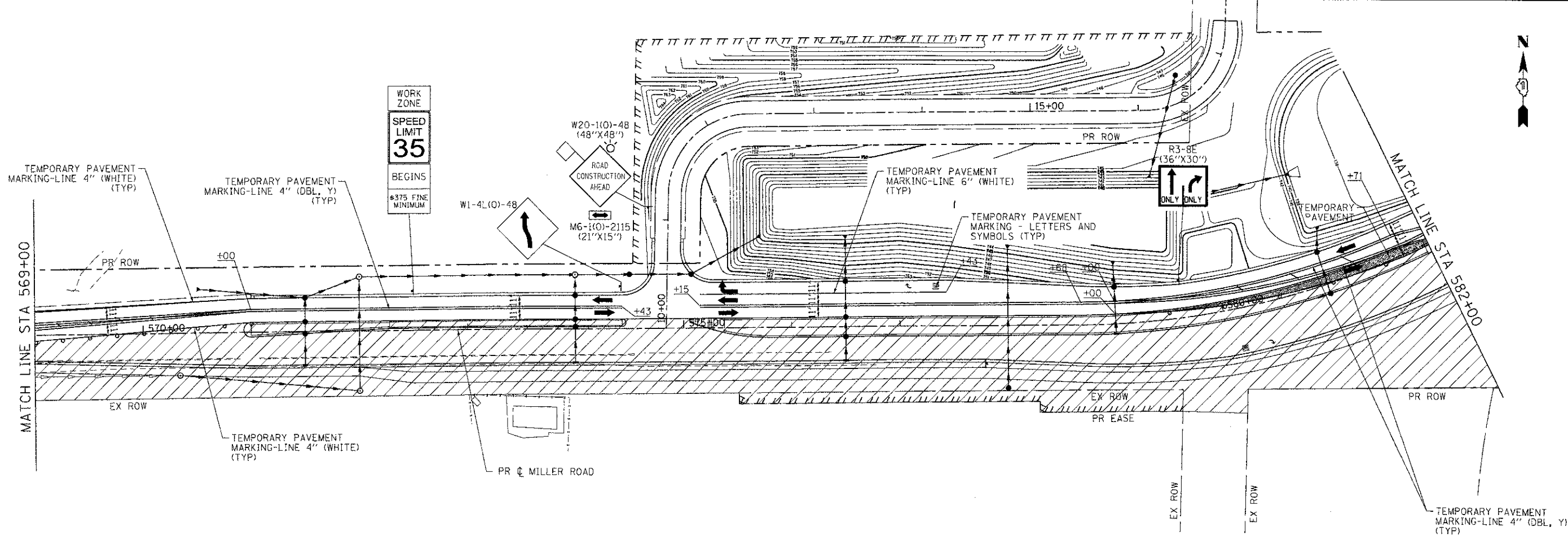
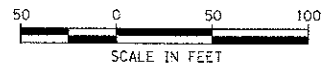
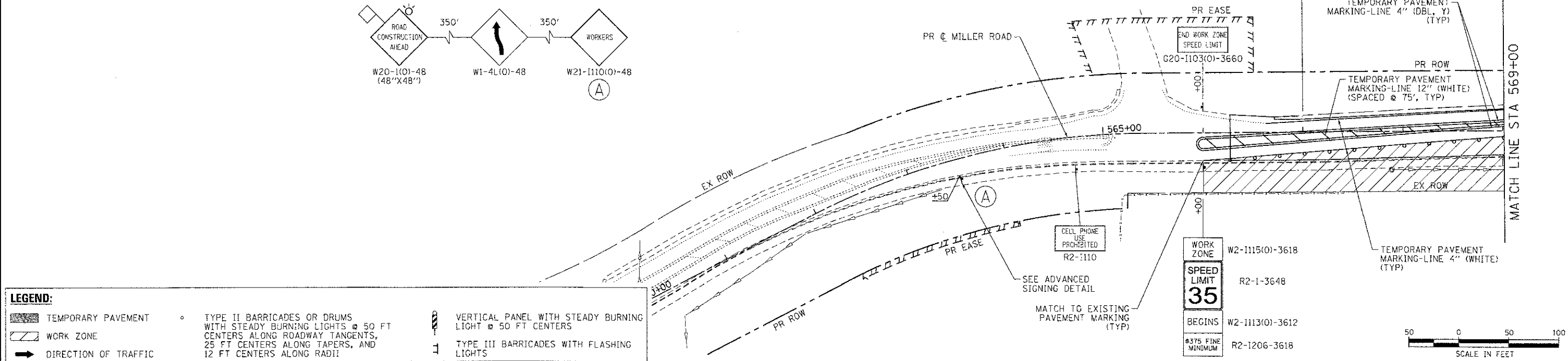
SCALE: 1" = 50' SHEET NO. 6 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	40
CONTRACT NO. 63633			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen
 PROJECT CONTACT: jettana
 DATE PLOTTED: 7/23/2012 10:05:00 AM
 FILE NAME: 090071-mo12-04.dgn
 PLOT DRIVER: pofcpl
 PEN TABLE: standard-trans.tbl



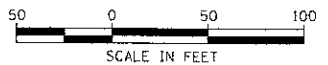
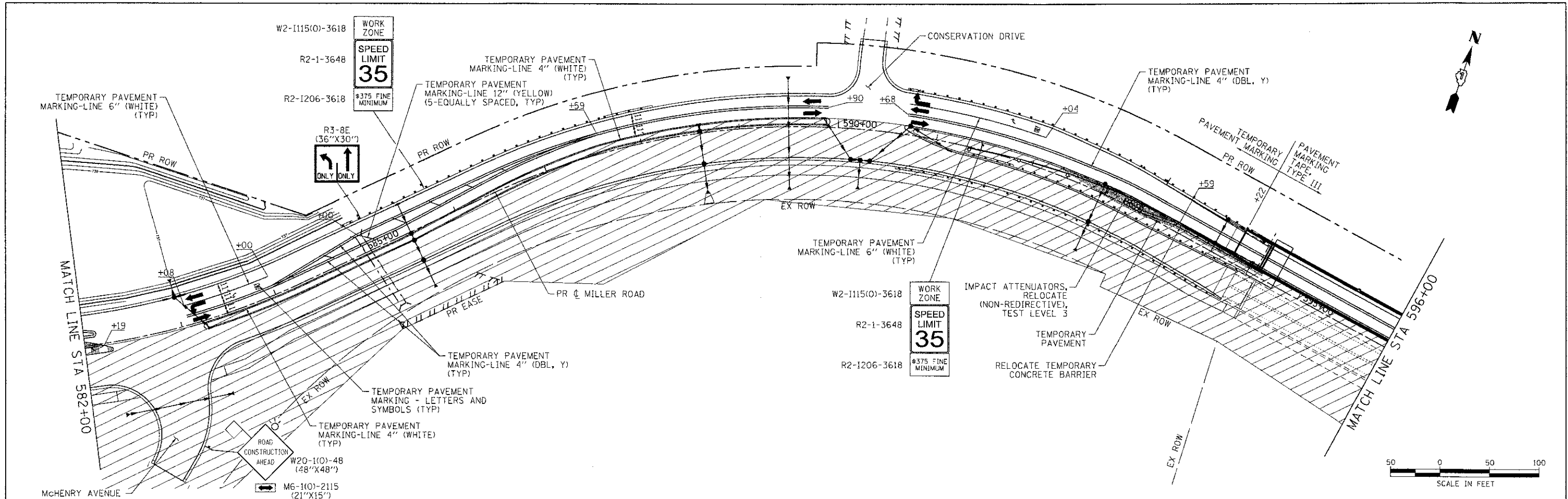
USER NAME = jettana	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo12-04.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

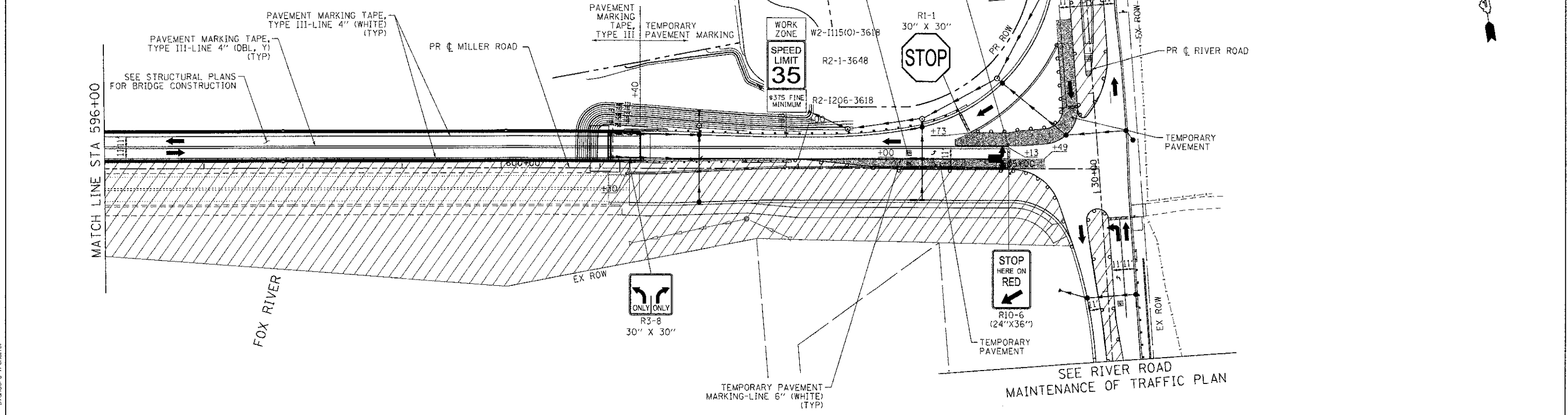
SCALE: 1" = 50' SHEET NO. 7 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 41
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 63633



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen
 PROJECT CONTACT: J. Jastana
 CLIENT: MCHENRY COUNTY
 DATE: 7/23/2012 10:16:58 AM
 FILE NAME: 090071-mo12-05.dgn
 PLOT DRIVER: pct.plt
 PEN TABLE: s:\standard-tr\ans.tbl



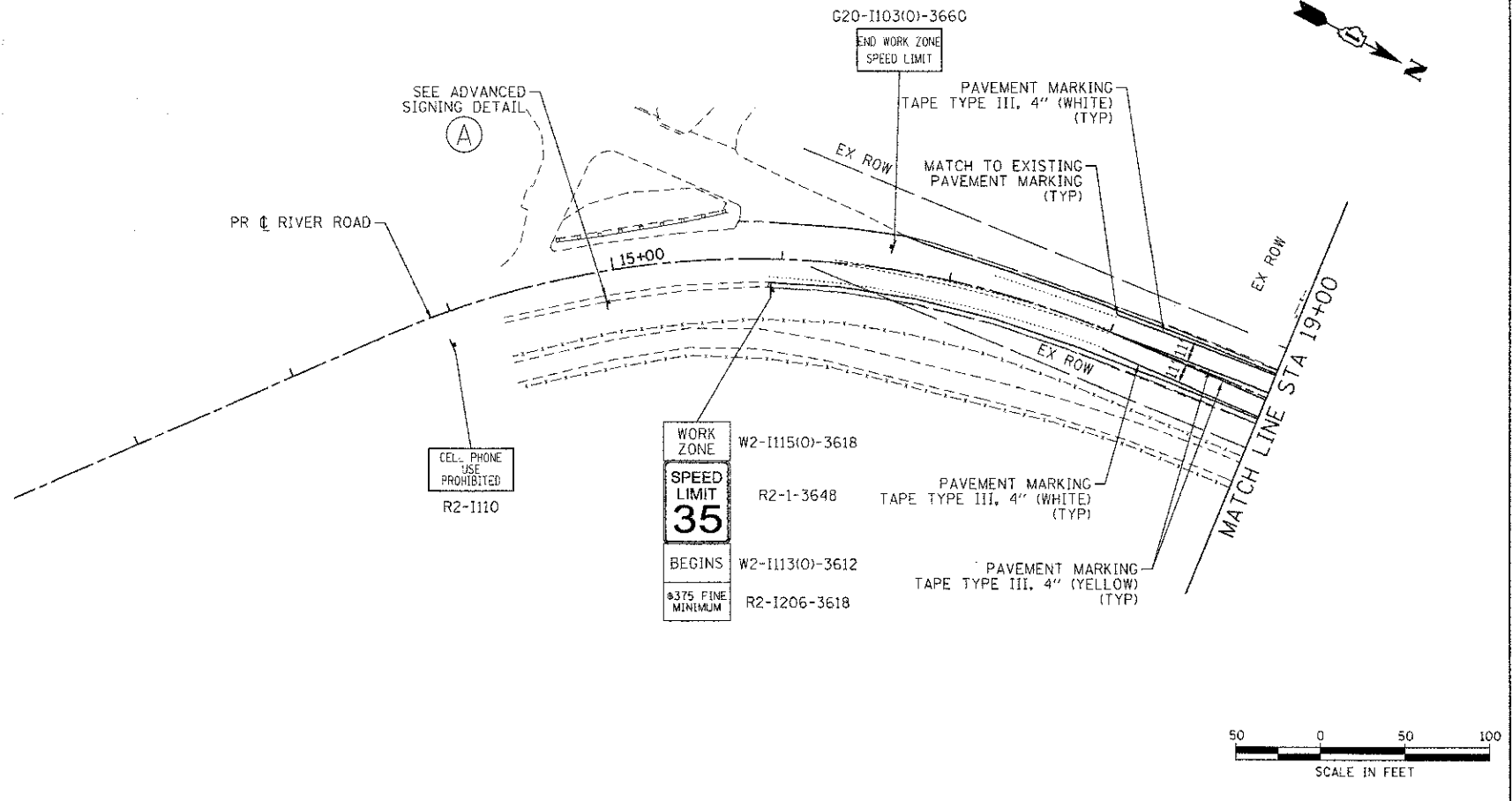
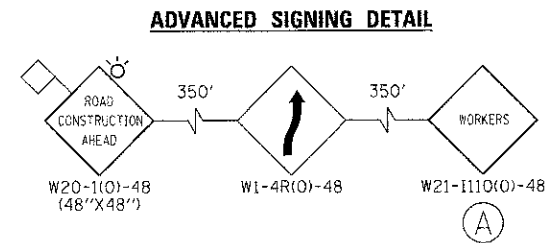
USER NAME = jastana	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo12-05.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

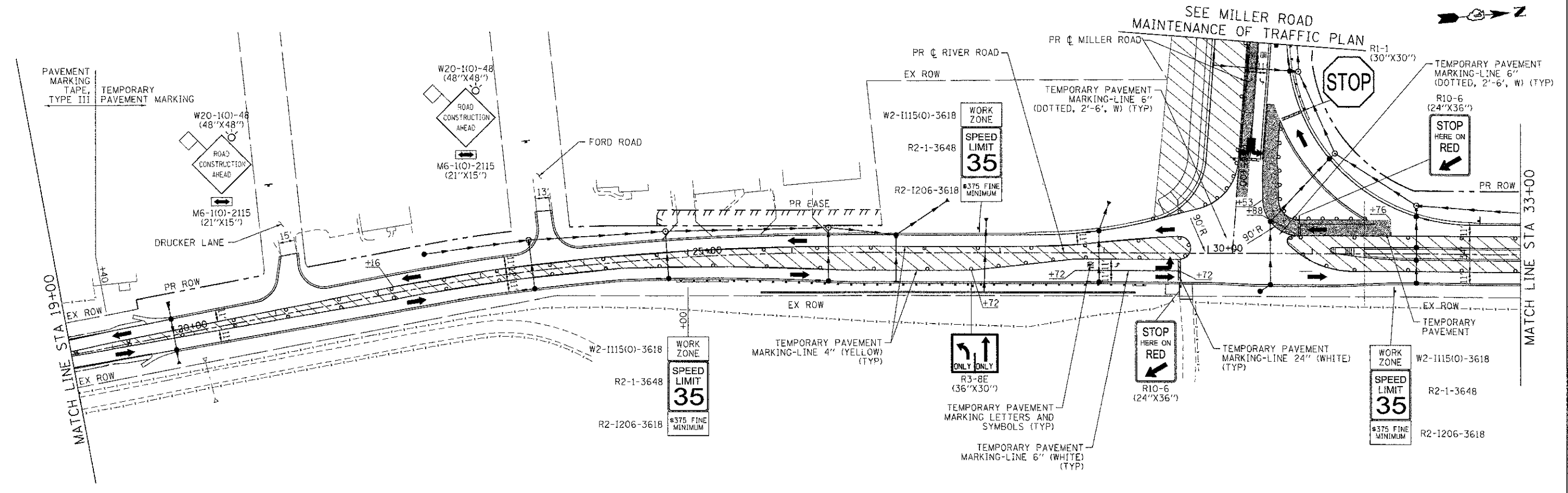
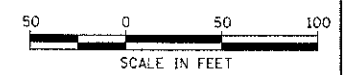
SCALE: 1" = 50' | SHEET NO. 8 OF 14 SHEETS | STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63633		



LEGEND:

TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII	VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
WORK ZONE	TYPE III BARRICADES WITH FLASHING LIGHTS	
DIRECTION OF TRAFFIC		



COMPANY NAME: HRGreen
 PROJECT CONTACT: J. Jettone
 DATE PLOTTED: 7/23/2012 10:20:55 AM
 FILE NAME: 090071-mo-p-08.dgn
 PLOT DRIVER: perfplot
 PLOT TABLE: s:\standard-trans.tbl



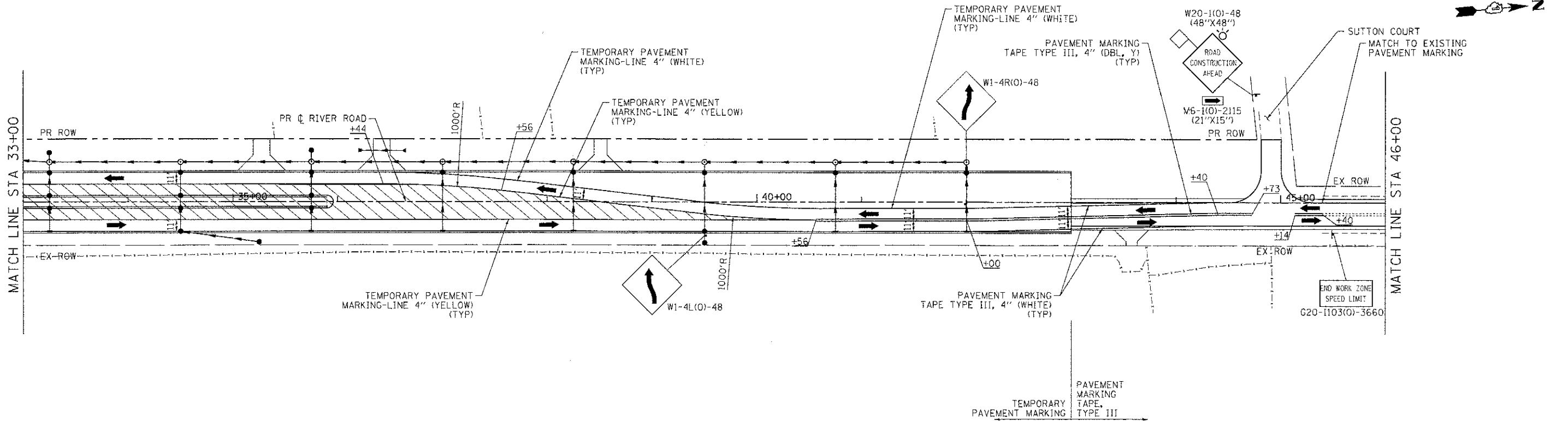
USER NAME = jettone	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo-p-08.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

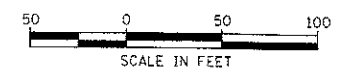
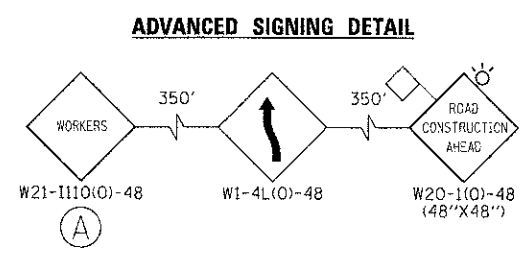
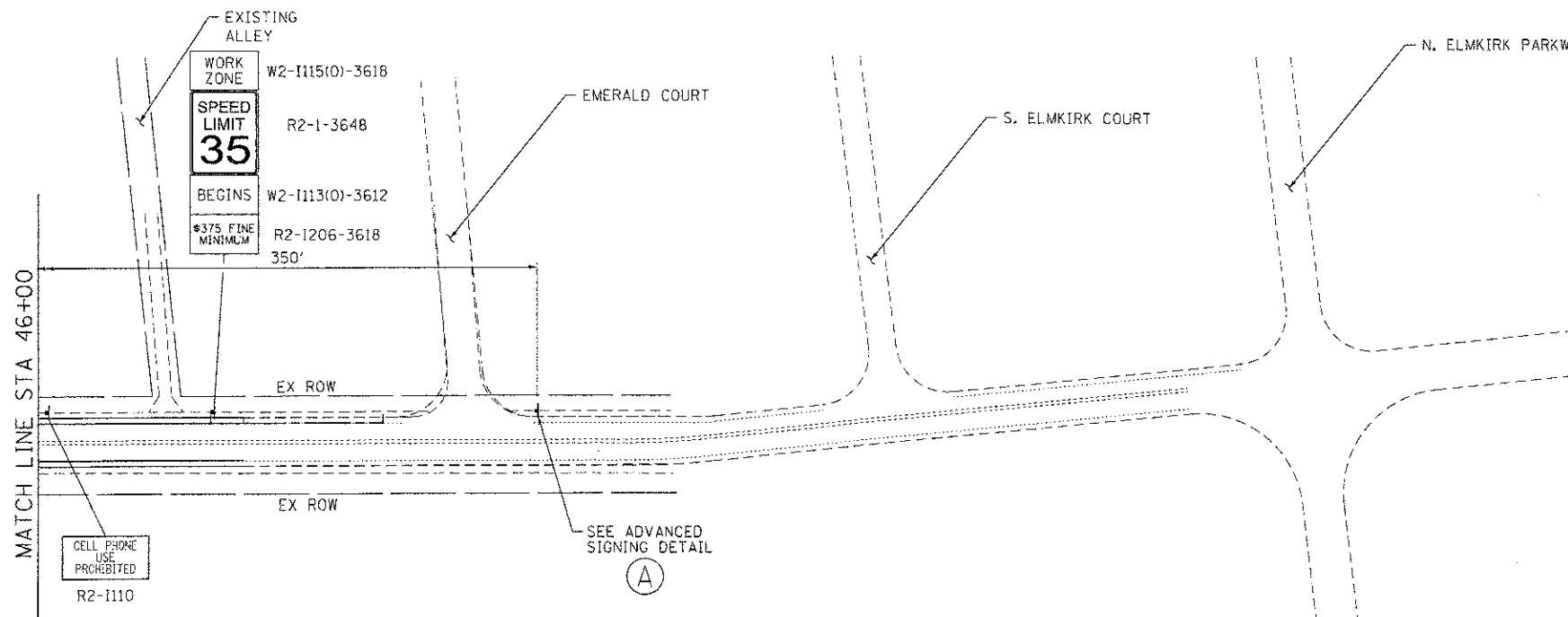
SCALE: 1" = 50' SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 43
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 63633	



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS



COMPANY NAME: HRGreen
 PROJECT CONTACT: J. J. J. J.
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:17:13 AM
 FILE NAME: 090071_m02-10.dgn
 PLOT NAME: pdf.plt
 PEN TABLE: standard-trans.tbl

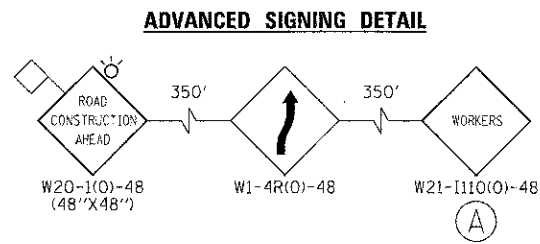
	HRGreen.com Illinois Professional Design Firm #184-01122	USER NAME = j. j. j. j.	DESIGNED - JPA	REVISED -
		FILE NAME = 090071_m02-10.dgn	DRAWN - SVJ	REVISED -
		PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
		PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

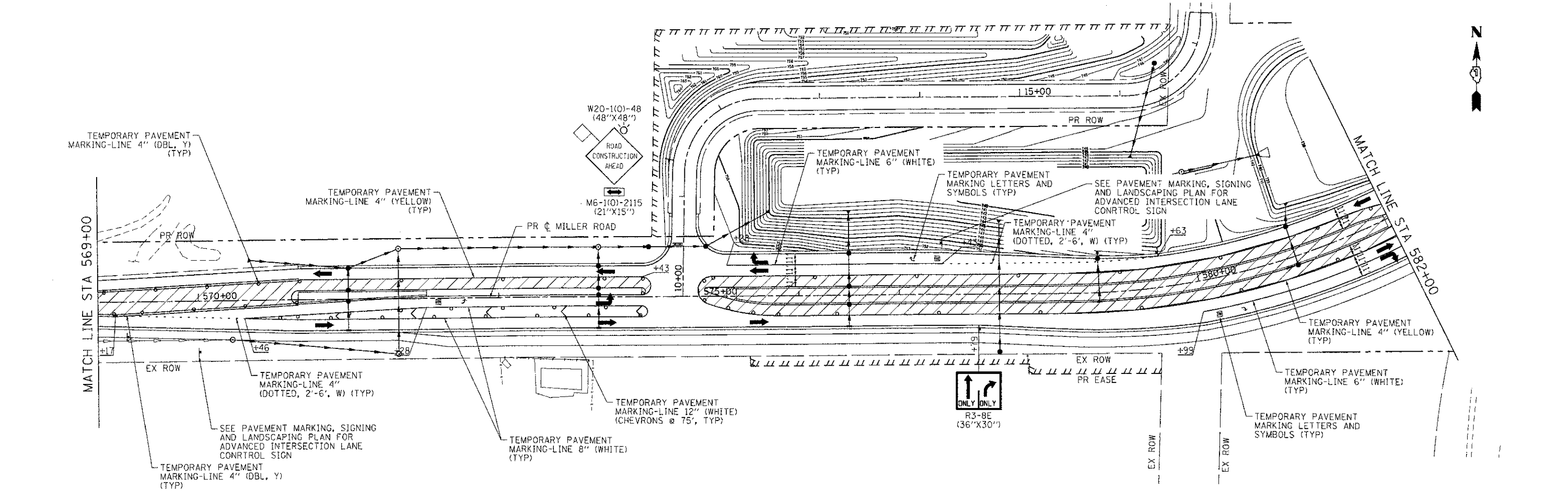
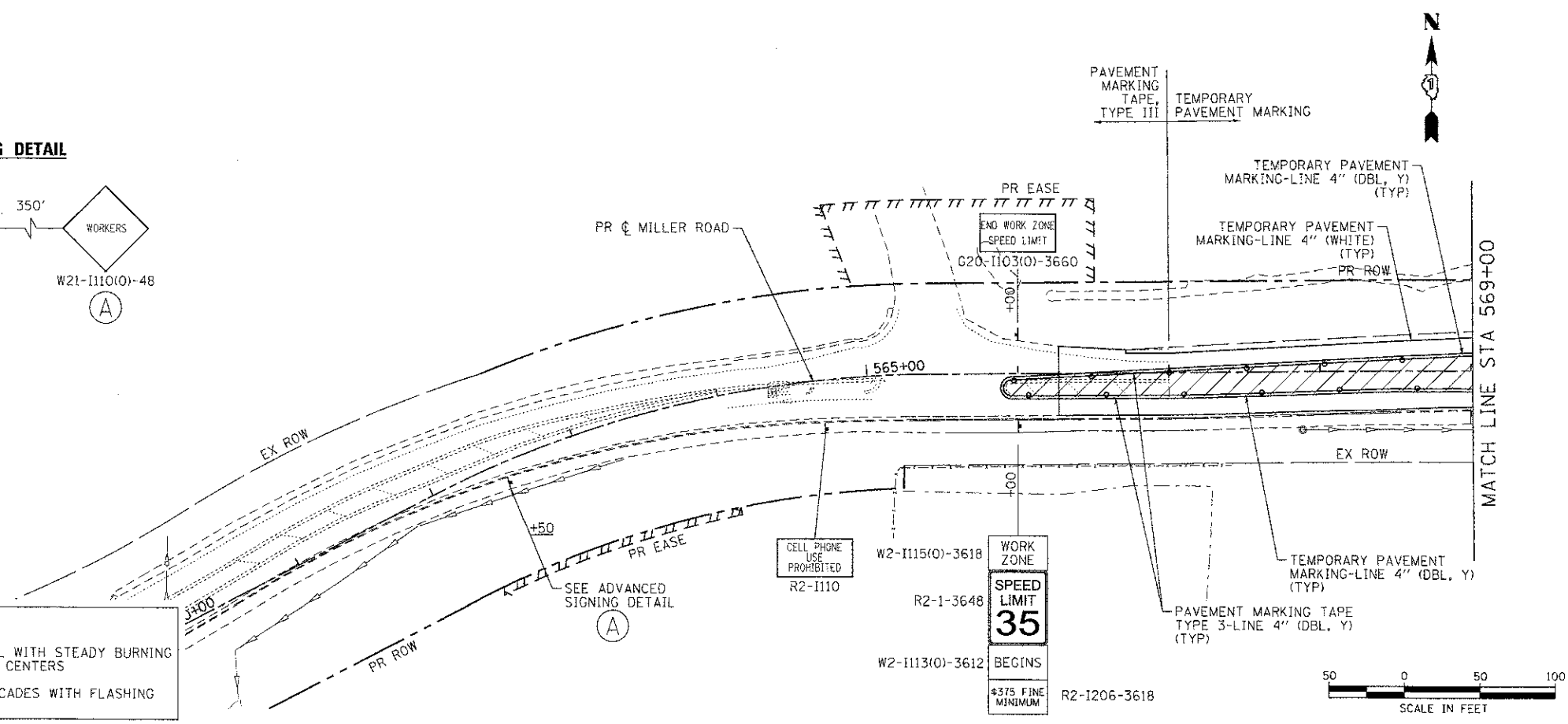
SCALE: 1" = 50' SHEET NO. 10 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	44
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63633	



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen
 PROJECT CONTACT: jottens
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:12:22 AM
 FILE NAME: 09071-mo13-04.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl



USER NAME = jottens	DESIGNED - JPA	REVISED -
FILE NAME = 09071-mo13-04.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

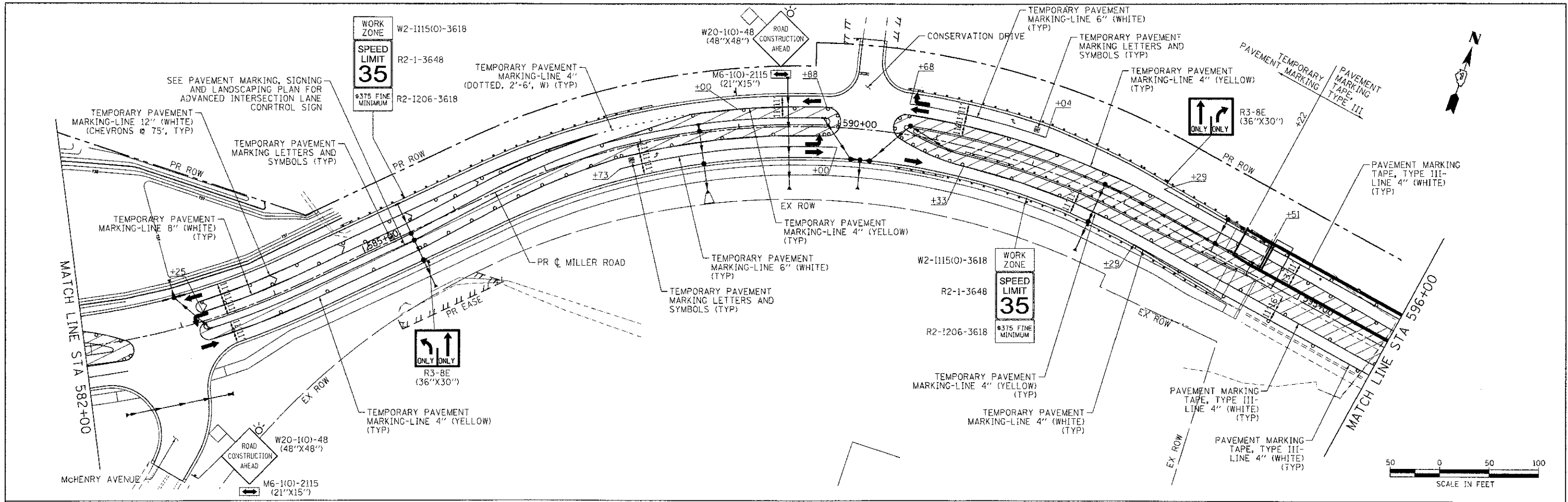
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' SHEET NO. 11 OF 14 SHEETS STA. TO STA.

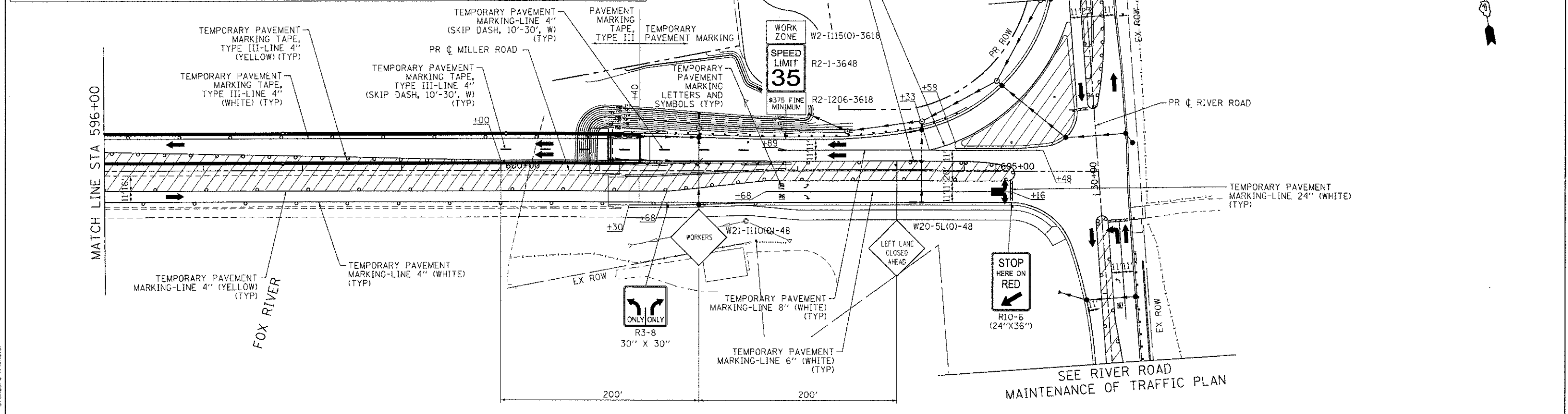
F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 45
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 63633



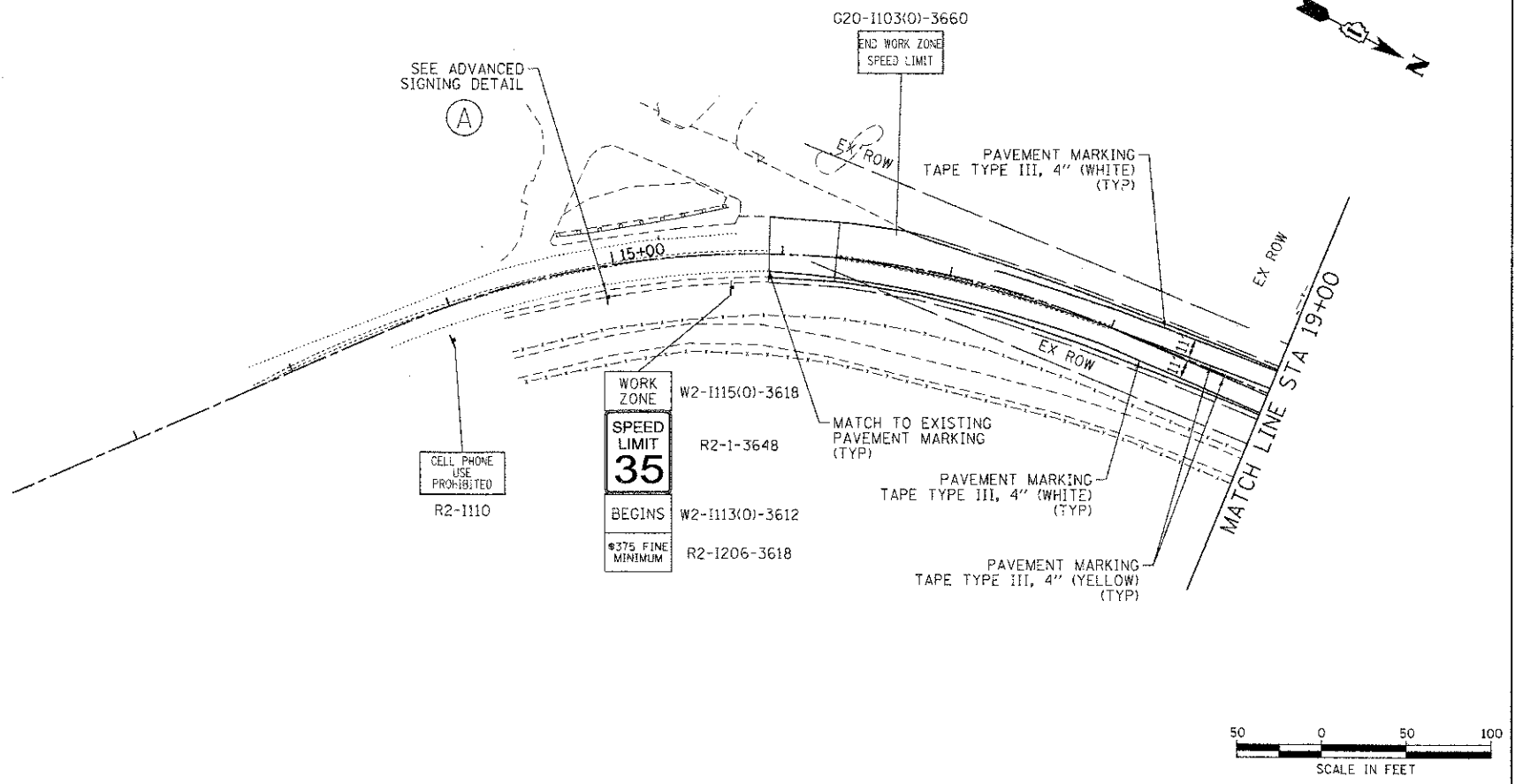
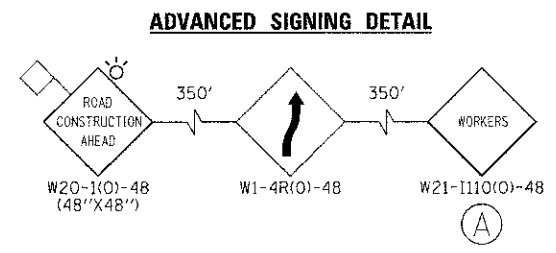
LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII
	WORK ZONE		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	DIRECTION OF TRAFFIC		TYPE III BARRICADES WITH FLASHING LIGHTS



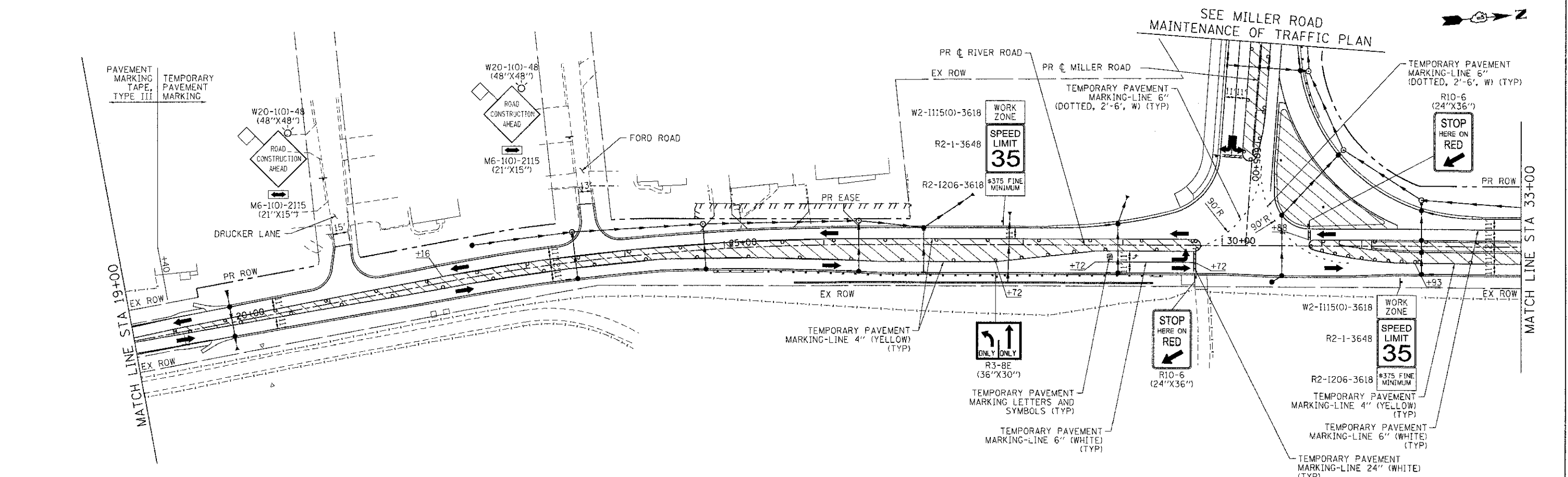
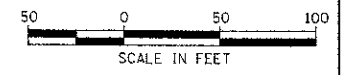
COMPANY NAME: HRGreen
 PROJECT CONTACT: jgattano
 DATE PLOTTED: 7/23/2012 11:17:30 AM
 FILE NAME: 090071-mct3-05.dgn
 PLOT DRIVER: perf.plt
 PEN TABLE: standard-trans.tbl

	USER NAME = jgattano FILE NAME = 090071-mct3-05.dgn PLOT SCALE = 1" = 50' PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3 MILLER ROAD ROADWAY IMPROVEMENTS	F.A.I. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY TOTAL SHEETS 252 SHEET NO. 46	CONTRACT NO. 63633
	SCALE: 1" = 50' SHEET NO. 12 OF 14 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen
 PROJECT CONTRACT: 090071-mo13-09-dgn
 DATE PLOTTED: 7/23/2012 11:11:38 AM
 FILE NAME: 090071-mo13-09-dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard.ctb

HRGreen
 Illinois Professional Design Firm
 #184-001322

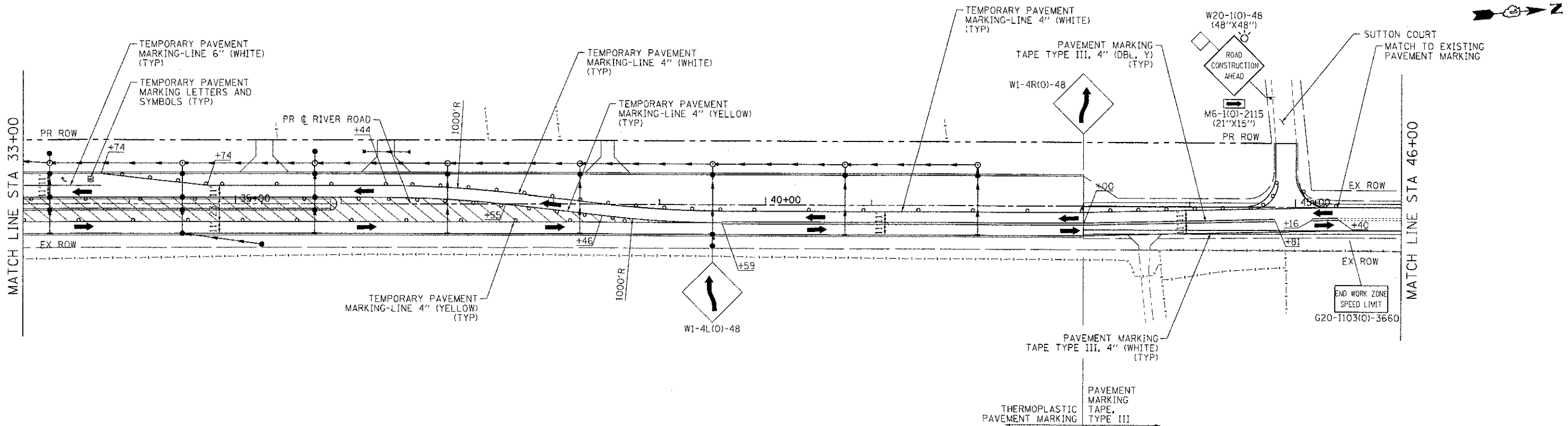
USER NAME = jstana	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo13-09-dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 RIVER ROAD ROADWAY IMPROVEMENTS**

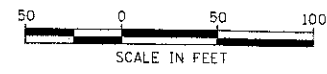
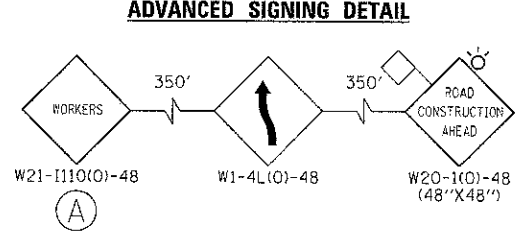
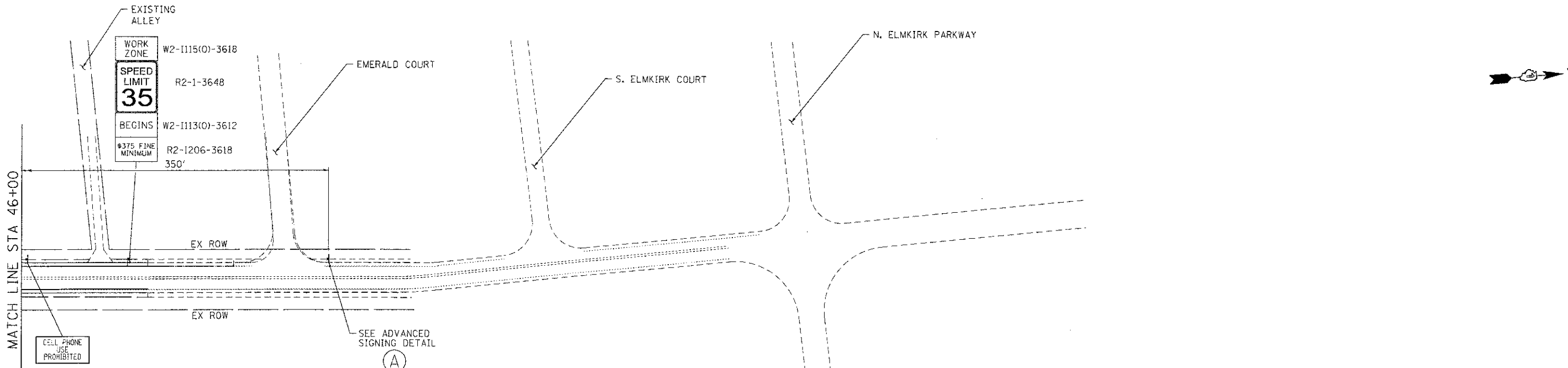
SCALE: 1" = 50' SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 47
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63633		



LEGEND:

	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS WITH STEADY BURNING LIGHTS @ 50 FT CENTERS ALONG ROADWAY TANGENTS, 25 FT CENTERS ALONG TAPERS, AND 12 FT CENTERS ALONG RADII		VERTICAL PANEL WITH STEADY BURNING LIGHT @ 50 FT CENTERS
	WORK ZONE		TYPE III BARRICADES WITH FLASHING LIGHTS		
	DIRECTION OF TRAFFIC				



COMPANY NAME: HRGreen
 PROJECT CONTACT: jstano
 CLIENT: HRGreen.com
 DATE PLOTTED: 7/23/2012 11:17:46 AM
 FILE NAME: 090071-mo3-10.dgn
 PLOT DRIVER: pcf.plt
 PEN TABLE: standard.ctb

USER NAME = jstano	DESIGNED - JPA	REVISED -
FILE NAME = 090071-mo3-10.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 RIVER ROAD ROADWAY IMPROVEMENTS**

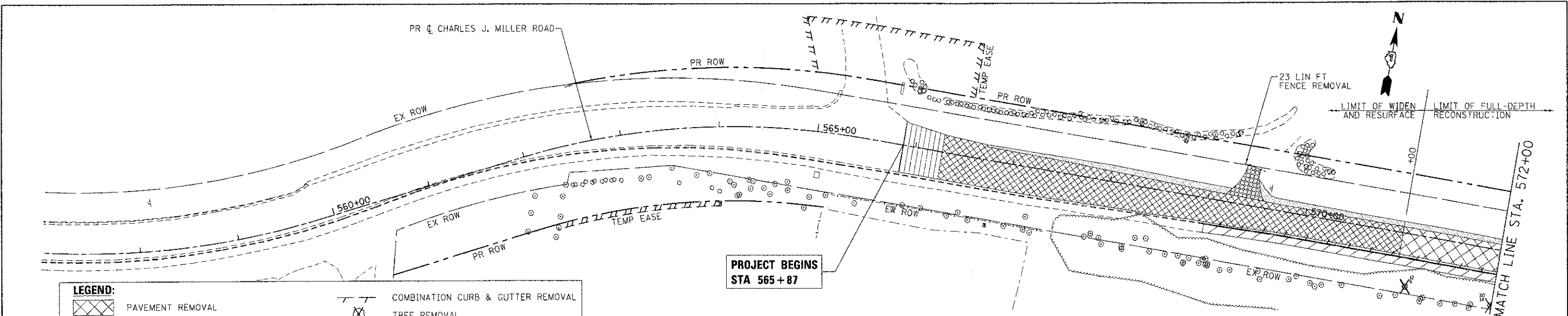
SCALE: 1" = 50' SHEET NO. 14 OF 14 SHEETS STA. TO STA.

F.A.J. RTE. 3660	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 48
CONTRACT NO. 63633				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

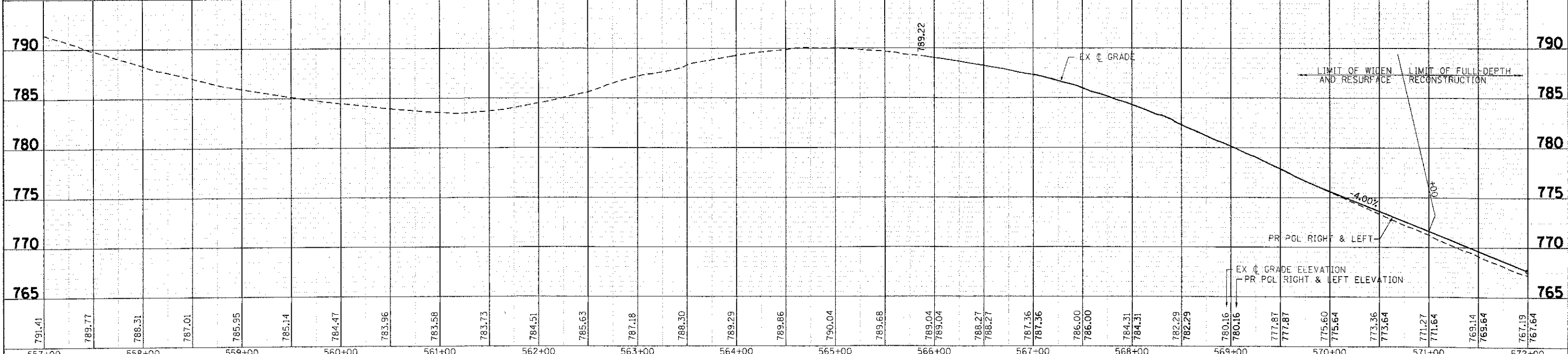
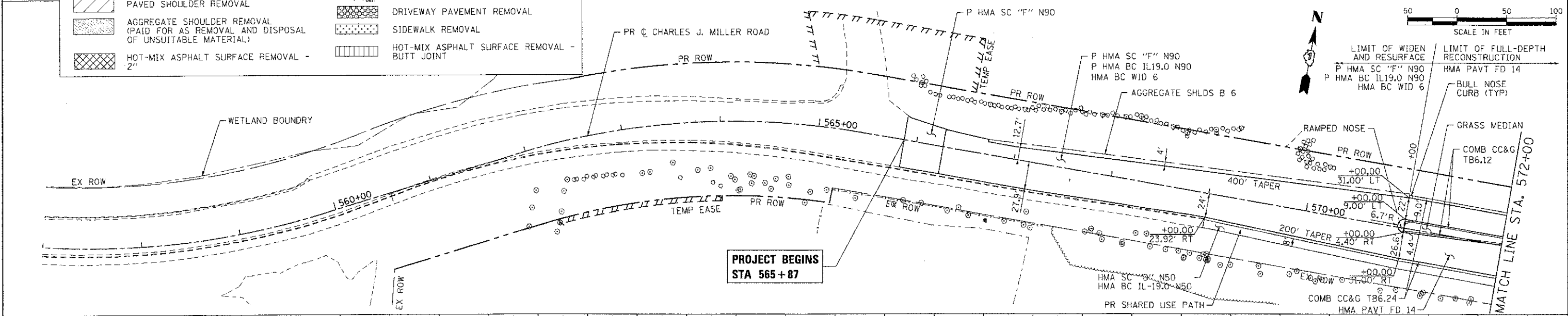
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

7/23/2012 10:16:57 AM
 090071-pw-04.dgn
 J:\Projects\090071-pw-04\Drawings\04-ROADWAY\04-ROADWAY-PLAN.dwg



LEGEND:

[Symbol]	PAVEMENT REMOVAL	[Symbol]	COMBINATION CURB & GUTTER REMOVAL
[Symbol]	PAVED SHOULDER REMOVAL	[Symbol]	TREE REMOVAL
[Symbol]	AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)	[Symbol]	DRIVEWAY PAVEMENT REMOVAL
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - 2"	[Symbol]	SIDEWALK REMOVAL
[Symbol]		[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



557+00	558+00	559+00	560+00	561+00	562+00	563+00	564+00	565+00	566+00	567+00	568+00	569+00	570+00	571+00	572+00																												
791.41	789.77	788.31	787.01	785.95	785.14	784.47	783.96	783.58	783.73	784.51	785.63	787.18	788.30	789.29	789.86	790.04	789.68	789.04	789.04	788.27	788.27	787.36	787.36	786.00	786.00	784.31	784.31	782.29	782.29	780.16	780.16	777.87	777.87	775.60	775.60	773.36	773.36	771.27	771.27	769.14	769.14	767.19	767.19

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE - CHARLES J. MILLER ROAD
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	49
CONTRACT NO.			ILLINOIS FED. AID PROJECT	
			63633	

SCALE: 1" = 50' SHEET NO. 1 OF 7 SHEETS STA. 563+00 TO STA. 572+00

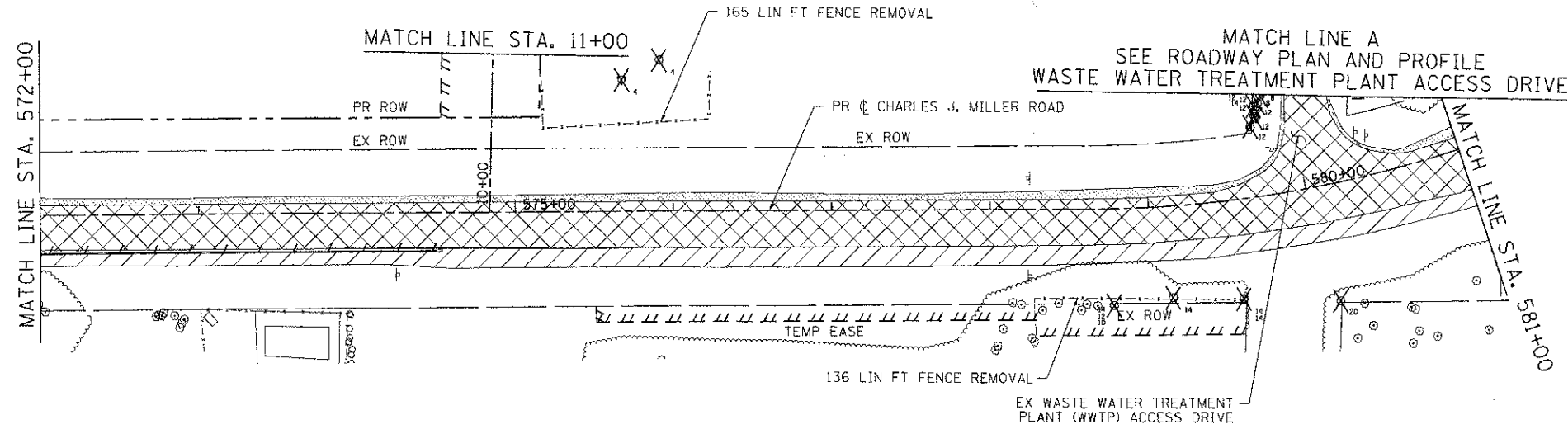
HRGreen.com
 Illinois Professional Design Firm
 #184-091322

USER NAME	portane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISIONS	-
NO.	-
DATE	-
BY	-
REVISIONS	-
NO.	-
DATE	-
BY	-
REVISIONS	-
NO.	-

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	IN CHARGE		
	NO. OF MAY CHECKED		
	CADD FILE NAME		
	NO.		

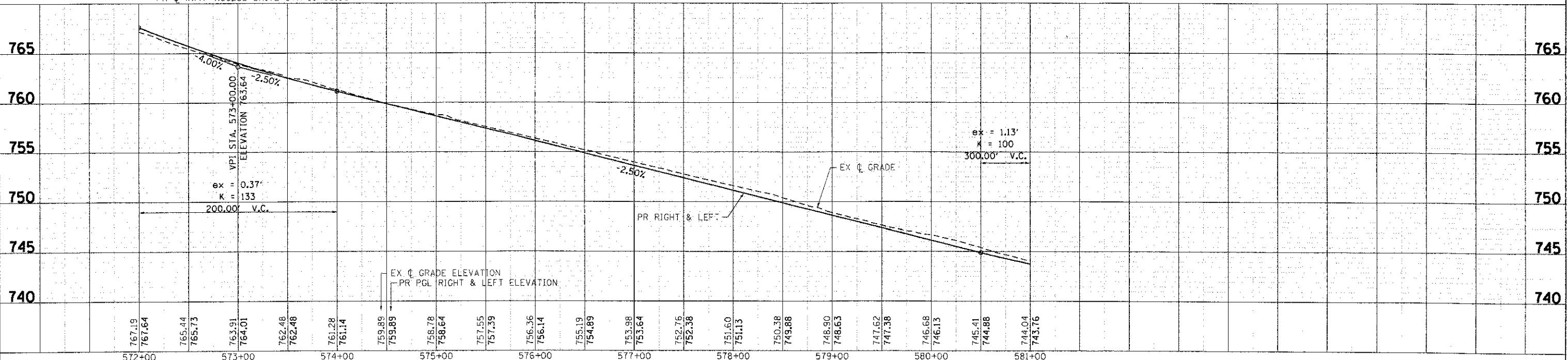
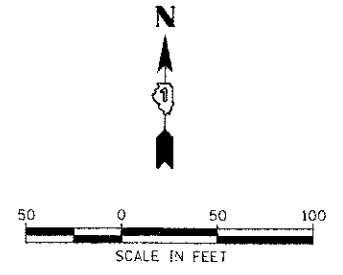
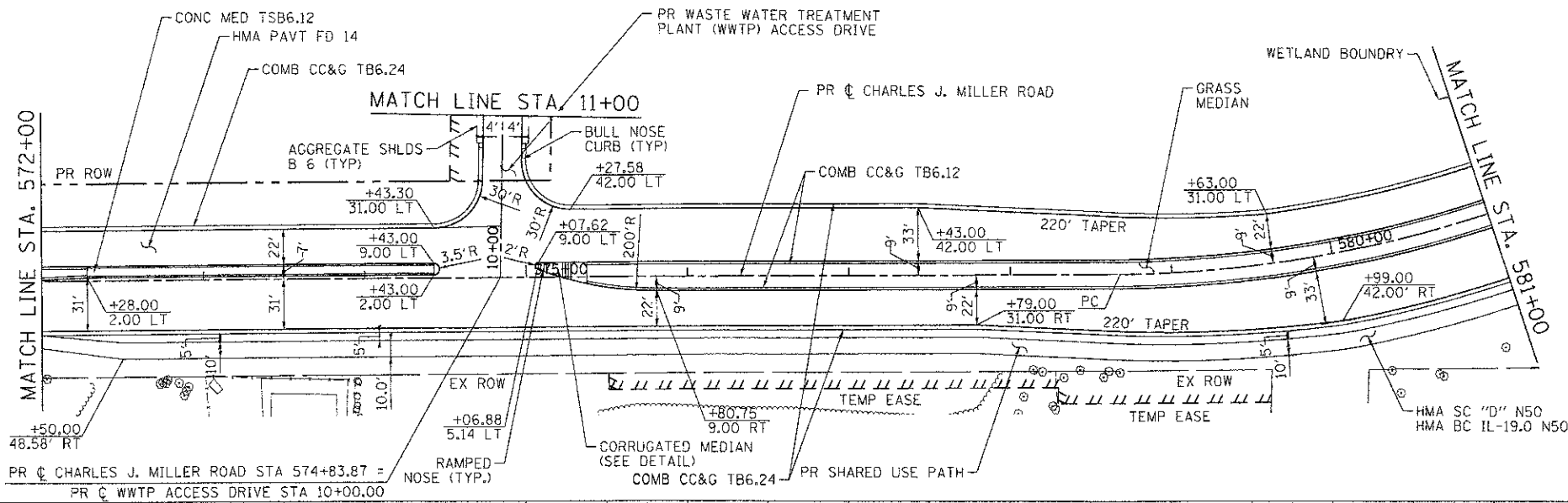
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	PLOTTED		
	CHECKED		
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	NO. OF MAY CHECKED		
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COMPANY NAME: HRGreen
 CLIENT CONTACT: Jettone
 DATE PLOTTED: 7/23/2012 10:06 AM
 FILE NAME: 090071-pw-j 05.dgn
 PLOT DRIVER: pdfcut
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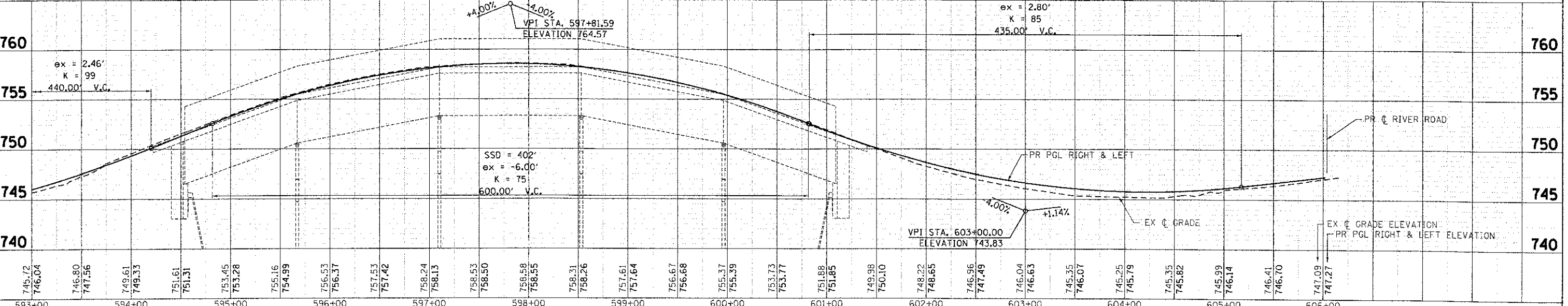
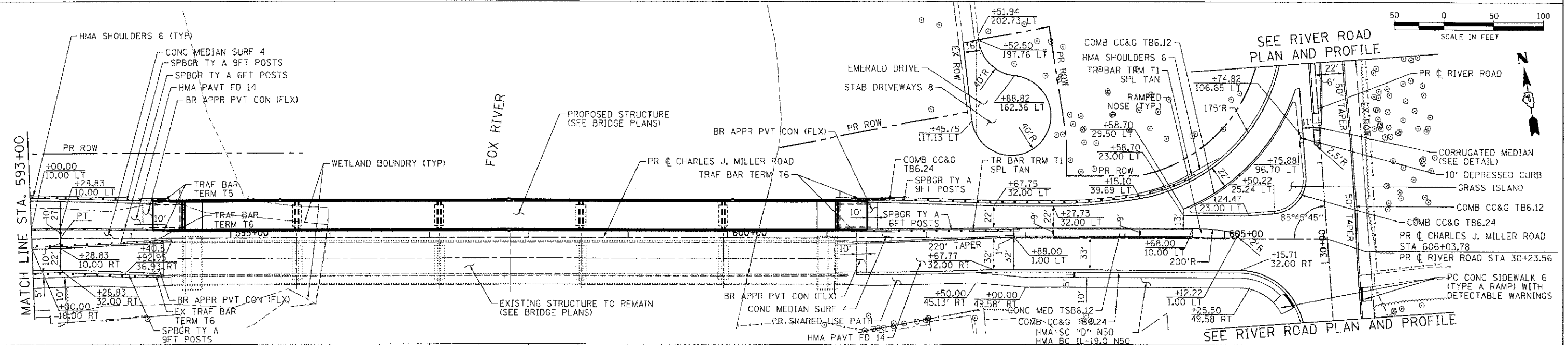
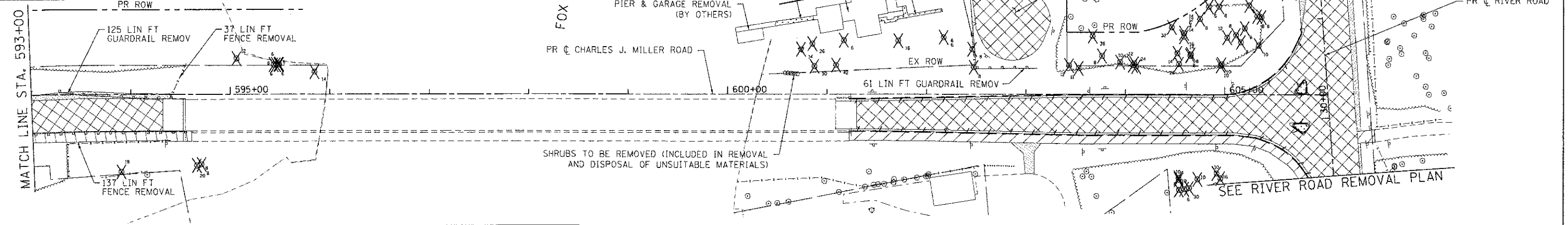
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[Symbol]	PAVED SHOULDER REMOVAL
[Symbol]	AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
[Symbol]	COMBINATION CURB & GUTTER REMOVAL
[Symbol]	TREE REMOVAL
[Symbol]	DRIVEWAY PAVEMENT REMOVAL
[Symbol]	SIDEWALK REMOVAL
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - 2"
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



572+00	573+00	574+00	575+00	576+00	577+00	578+00	579+00	580+00	581+00
767.19	767.64	765.44	765.73	763.91	764.01	762.48	762.48	761.28	761.14
759.89	759.89	759.78	758.64	757.55	757.39	756.36	756.14	755.19	754.89
753.98	753.64	752.76	752.38	751.60	751.13	750.38	749.88	748.90	748.63
747.62	747.38	746.68	746.13	745.41	744.88	744.04	743.76		

LEGEND:

	PAVEMENT REMOVAL		COMBINATION CURB & GUTTER REMOVAL
	PAVED SHOULDER REMOVAL		TREE REMOVAL
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)		DRIVEWAY PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - 2"		SIDEWALK REMOVAL
			HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



PLAN

DATE	
BY	
REVISION	
NO.	

PROFILE

DATE	
BY	
REVISION	
NO.	

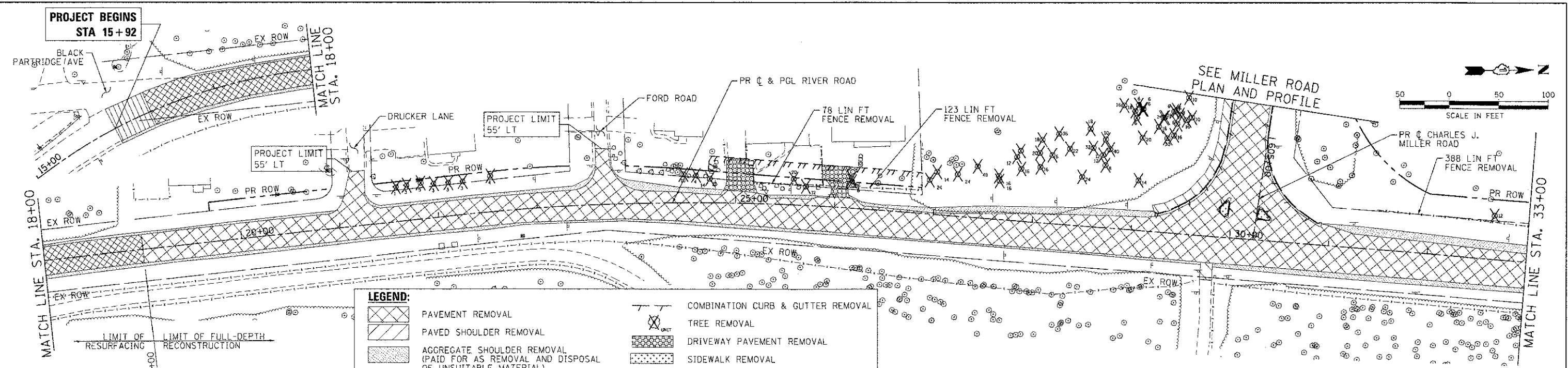
COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. JASTON
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 1/23/2012 10:25 AM
 FILE NAME: 69001-rp3-01.dwg
 PLOT DRIVER: pldrvr
 PLOT TABLE: sctable-trans.tbl

	USER NAME = jaston DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 1/23/12	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	ROADWAY PLAN AND PROFILE - CHARLES J. MILLER ROAD CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS	F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 52
	PLOT SCALE = 1" = 50' PLOT DATE = 1/23/2012	SCALE: 1" = 50' SHEET NO. 4 OF 7 SHEETS STA. 593+00 TO STA. 606+03.78			CONTRACT NO. 63633	ILLINOIS FED. AID PROJECT			

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

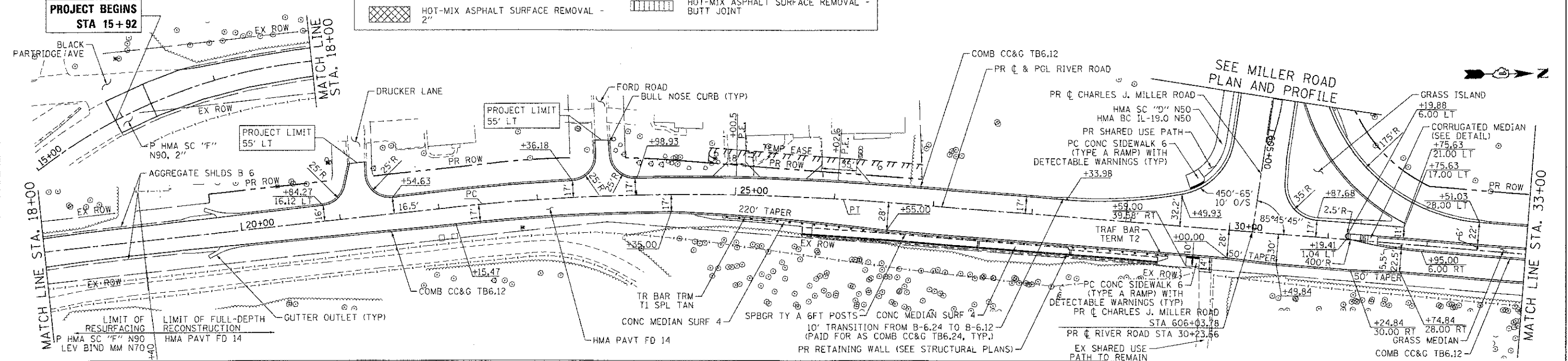
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

7/23/2012 11:08:55 AM
 09071-0903-12.dwg
 J. J. J. J.
 J. J. J. J.
 J. J. J. J.



LEGEND:

	PAVEMENT REMOVAL		COMBINATION CURB & GUTTER REMOVAL
	PAVED SHOULDER REMOVAL		TREE REMOVAL
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)		DRIVEWAY PAVEMENT REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - 2"		SIDEWALK REMOVAL
			HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



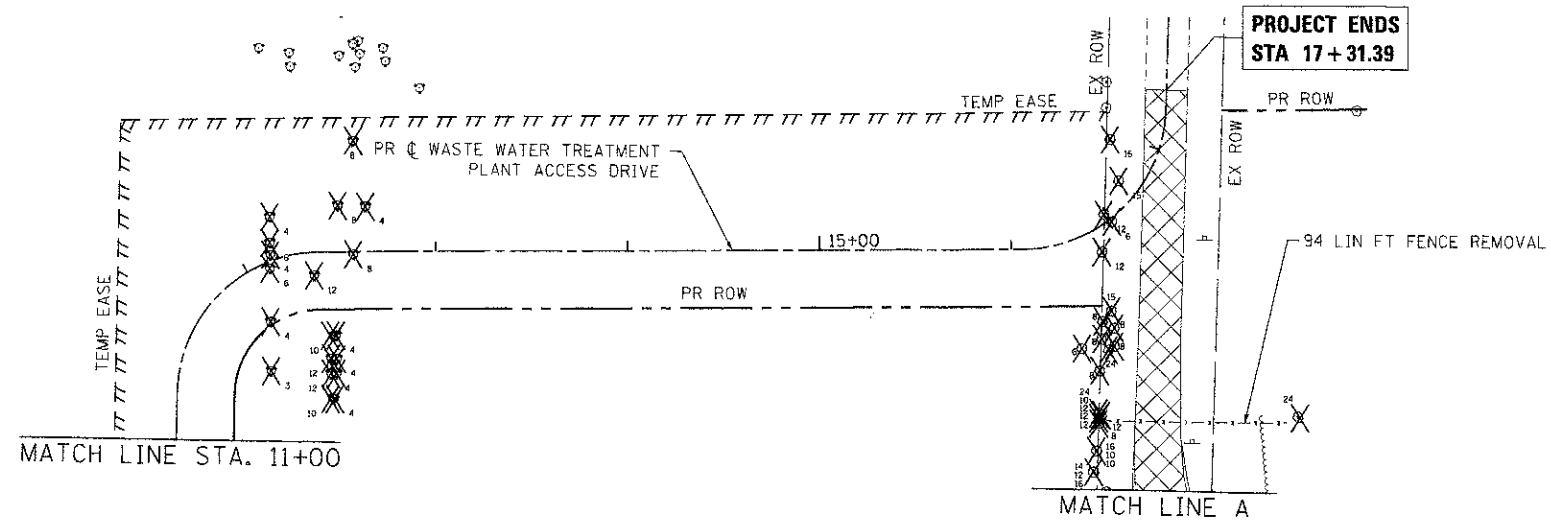
STATION	EX @ GRADE ELEVATION	PR PGL ELEVATION
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19+00	753.80	753.90
20+00	754.01	754.18
21+00	754.49	754.76
22+00	754.98	755.00
23+00	754.85	754.96
24+00	754.55	755.14
25+00	754.42	754.98
26+00	753.98	755.06
27+00	753.47	754.85
28+00	753.19	754.81
29+00	752.68	754.55
30+00	752.14	754.42
31+00	751.73	754.09
32+00	751.13	753.98
33+00	750.70	753.47
	750.03	753.19
	749.67	752.68
	749.25	752.14
	748.66	751.73
	748.26	751.13
	747.84	750.70
	747.61	750.03
	747.24	749.67
	747.10	749.25
	746.85	748.66
	746.92	748.26
	746.67	747.84
	746.70	747.61
	746.71	747.24
	746.88	747.10
	746.93	746.85
	747.13	746.92
	747.18	746.67
	747.40	746.70
	747.43	746.71
	747.52	746.88
	747.68	746.93
	747.92	747.13
	747.93	747.18
	748.21	747.40
	748.18	747.43
	748.45	747.52
	748.43	747.68
	748.64	747.92
	748.68	747.93

	USER NAME = jottane PLOT SCALE = 1" = 50' PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	ROADWAY PLAN AND PROFILE - RIVER ROAD CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS	F.A.U. RTE. = 3860 SECTION = 09-C0372-00-PW COUNTY = MCHENRY TOTAL SHEETS = 252 SHEET NO. = 53	CONTRACT NO. = 63633
	SCALE: 1" = 50' SHEET NO. 5 OF 7 SHEETS STA. 19+40 TO STA. 33+00	ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	DATE		
	FILE NAME		
	PLOT DRIVER		
	PEN TABLE		

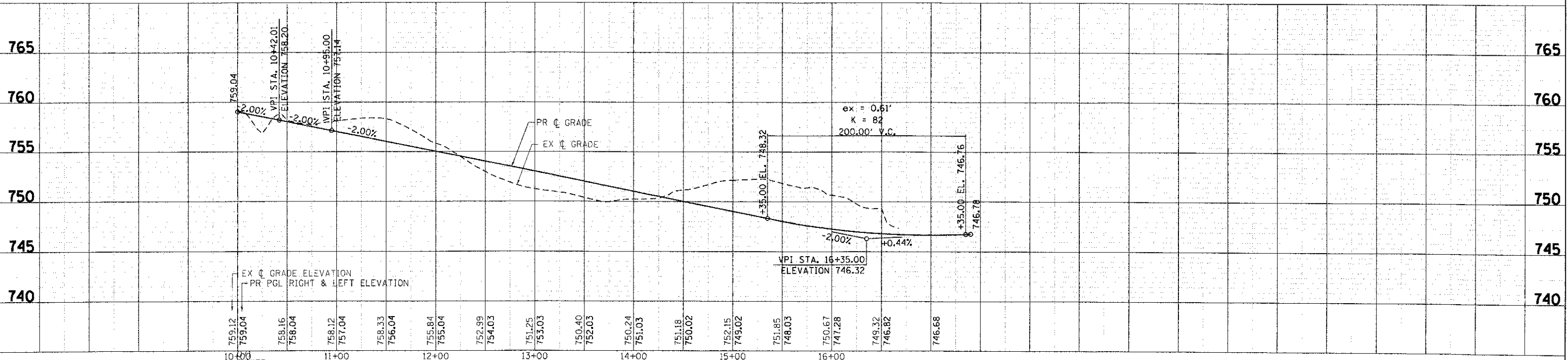
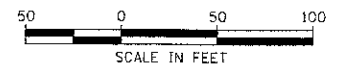
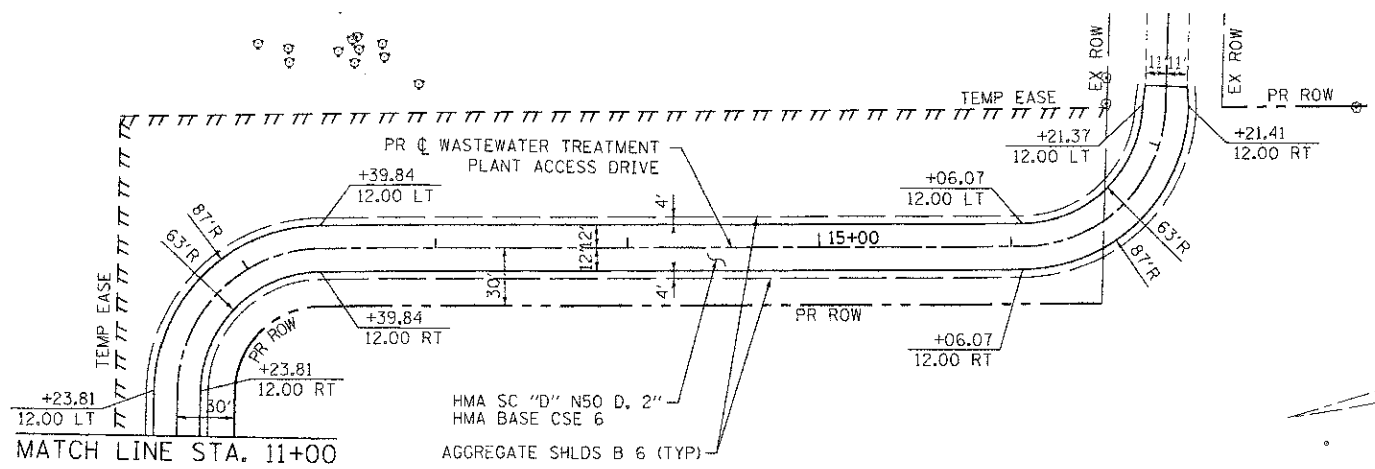
PROF. I.E.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	DATE		
	FILE NAME		
	PLOT DRIVER		
	PEN TABLE		

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. JONES
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:48:56 AM
 FILE NAME: 090071.pwp-1-09a.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-tr-cons.tbl



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[Symbol]	PAVED SHOULDER REMOVAL
[Symbol]	AGGREGATE SHOULDER REMOVAL (PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
[Symbol]	COMBINATION CURB & GUTTER REMOVAL
[Symbol]	TREE REMOVAL
[Symbol]	DRIVEWAY PAVEMENT REMOVAL
[Symbol]	SIDEWALK REMOVAL
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - 2"
[Symbol]	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT



USER NAME = j.jones	DESIGNED - JPA	REVISED -
PLLOT SCALE = 1" = 50'	DRAWN - SVJ	REVISED -
PLLOT DATE = 7/23/2012	CHECKED - JLP	REVISED -
	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE - WASTE WATER TREATMENT PLANT
 ACCESS DRIVE - CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	55
CONTRACT NO.			ILLINOIS FED. AID PROJECT 63633	

SCALE: 1" = 50' | SHEET NO. 7 OF 7 SHEETS | STA. 572+00 TO STA. 581+00

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Simple Professional Design Firm #194-001322
 CLIENT: 7/23/2012 11:59:05 AM
 DATE PLOTTED: 09/07/12 10:03:03 AM
 FILE NAME: 090071-194-03.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trim.tbl



HRGreen.com
 Simple Professional Design Firm
 #194-001322

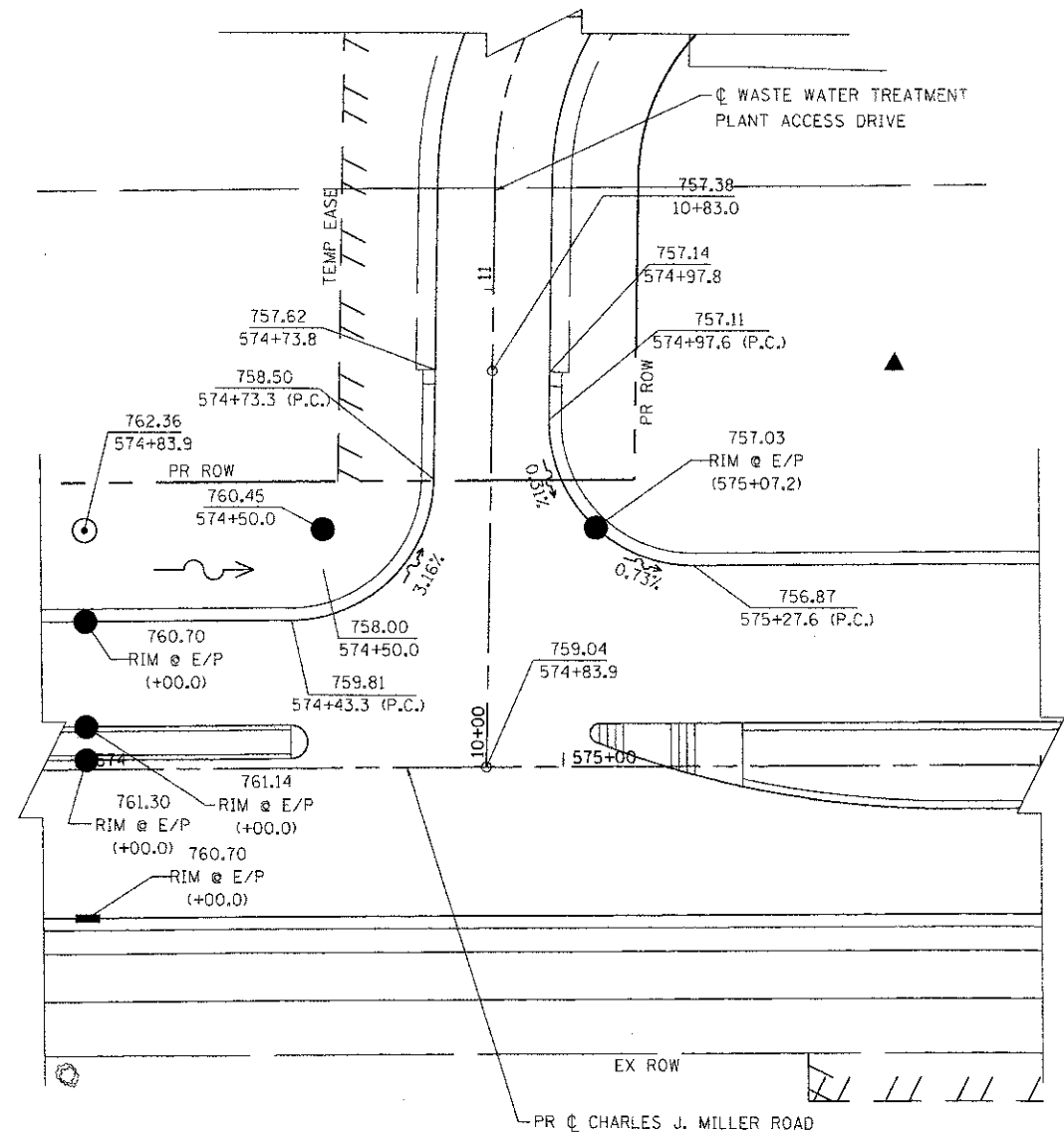
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FILE NAME = 090071-194-03.dgn	DRAWN - SVJ	REVISED -
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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

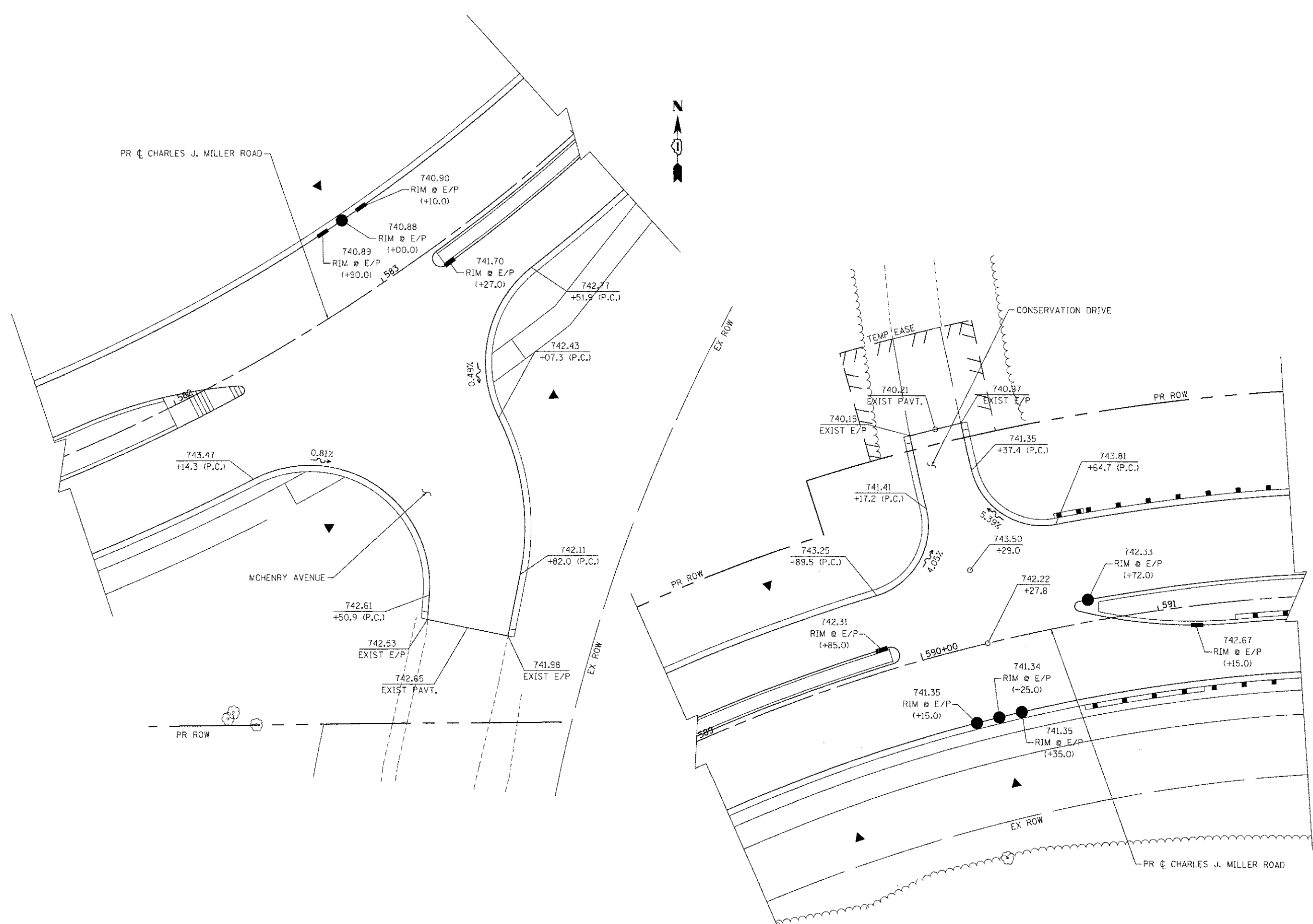
**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**INTERSECTION ELEVATION PLAN
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 20' SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.J. R.I.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	56
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63633		





COMPANY NAME: HRGreen
 PROJECT CONTACT: jstano
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/12 11:52 AM
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 PLOT DRIVER: pctdlt
 PEN TABLE: standard-trans.tbl


HRGreen.com
 Illinois Professional Design Firm
 #184-001322

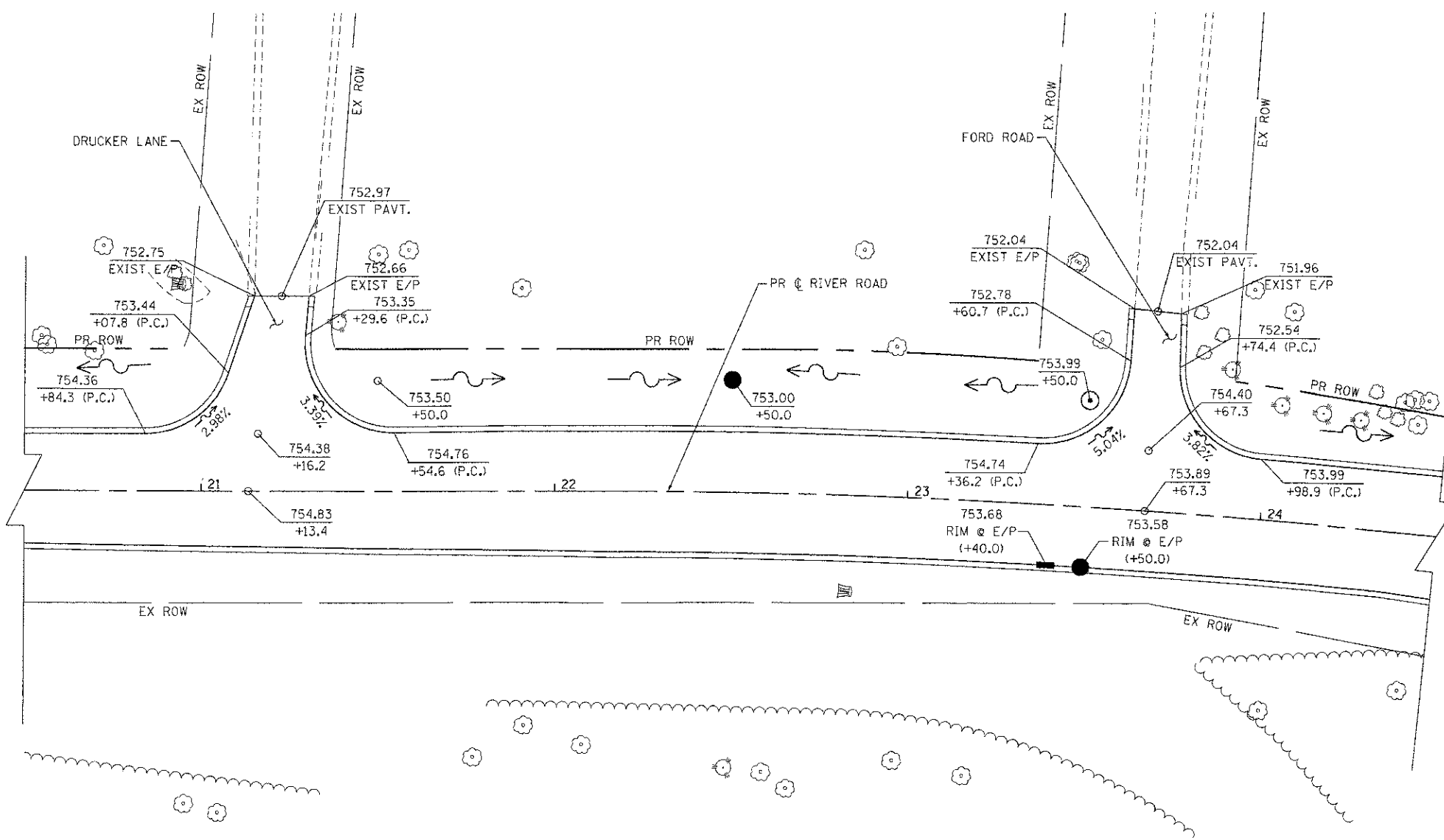
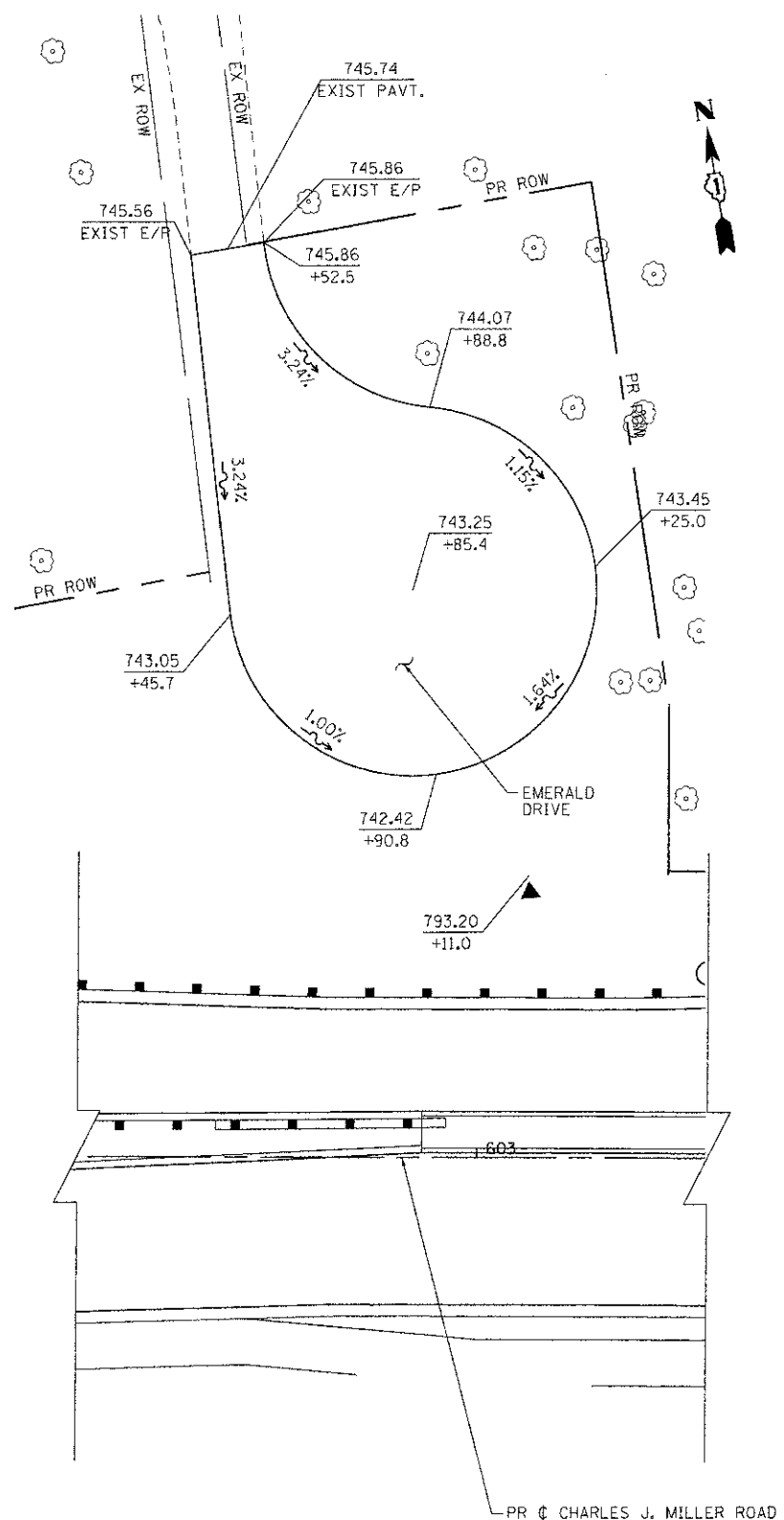
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PLOT DATE : 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**INTERSECTION ELEVATION PLAN
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.J. RTE. 3860	SECTION 09-00372-GO-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 57
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. TO STA.



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. Jettone
 CLIENT: MCHENRY COUNTY
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 PLOT SCALE: 1" = 20'
 PLOT BRN: 00001
 PEN TABLE: Standard-11000.tbl



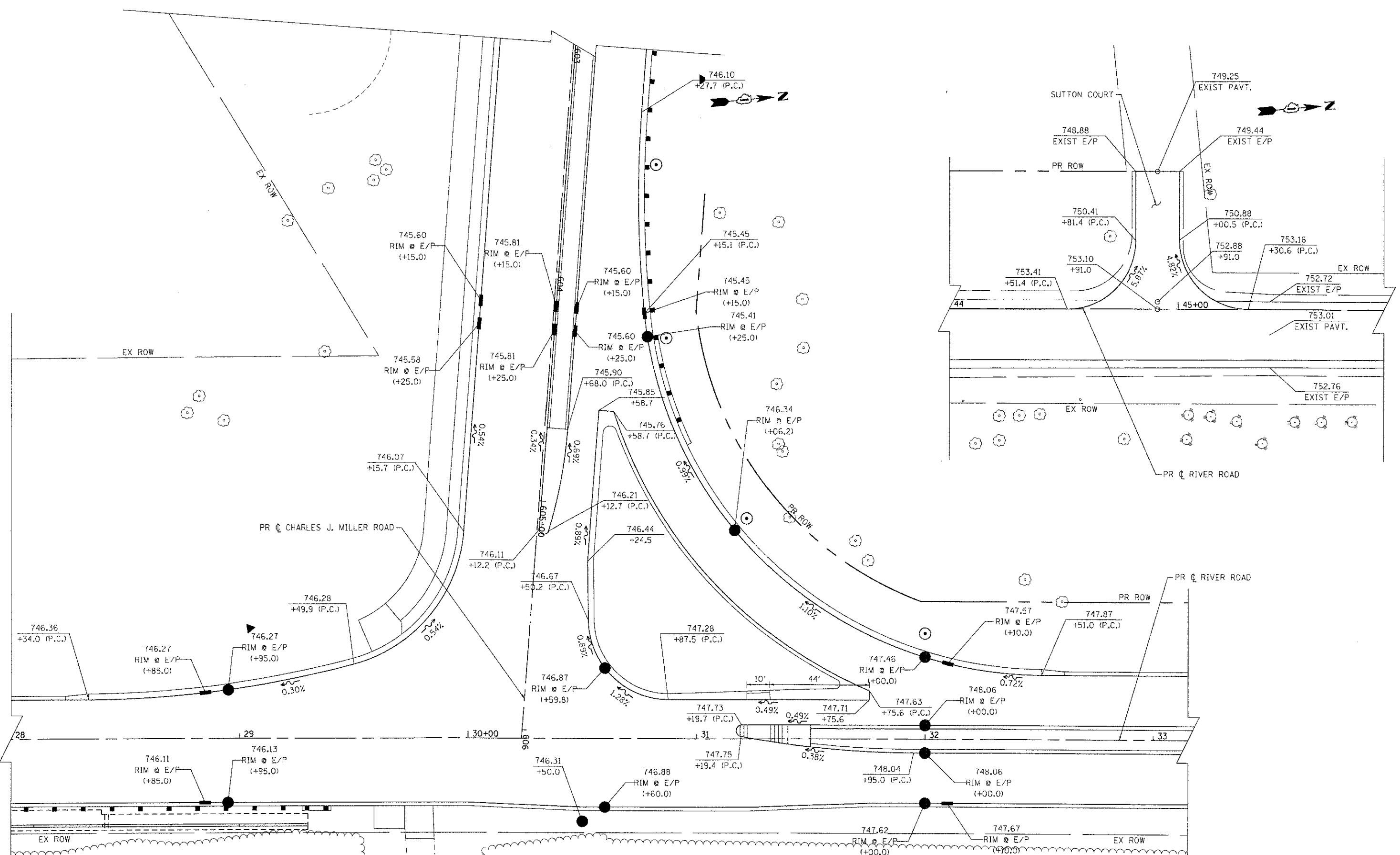
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PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**INTERSECTION ELEVATION PLAN
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 20' SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	



COMPANY NAME: HRGreen
 PROJECT CONTACT: jettone
 DATE PLOTTED: 7/23/2012 10:58:26 AM
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 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



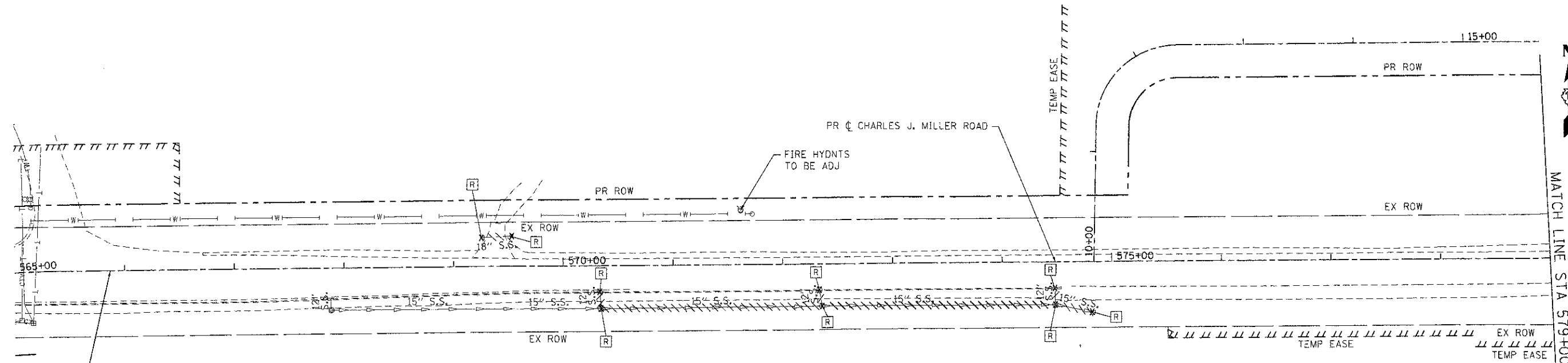
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PLOT SCALE = 1" = 20'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**INTERSECTION ELEVATION PLAN
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 20' SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 59
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	

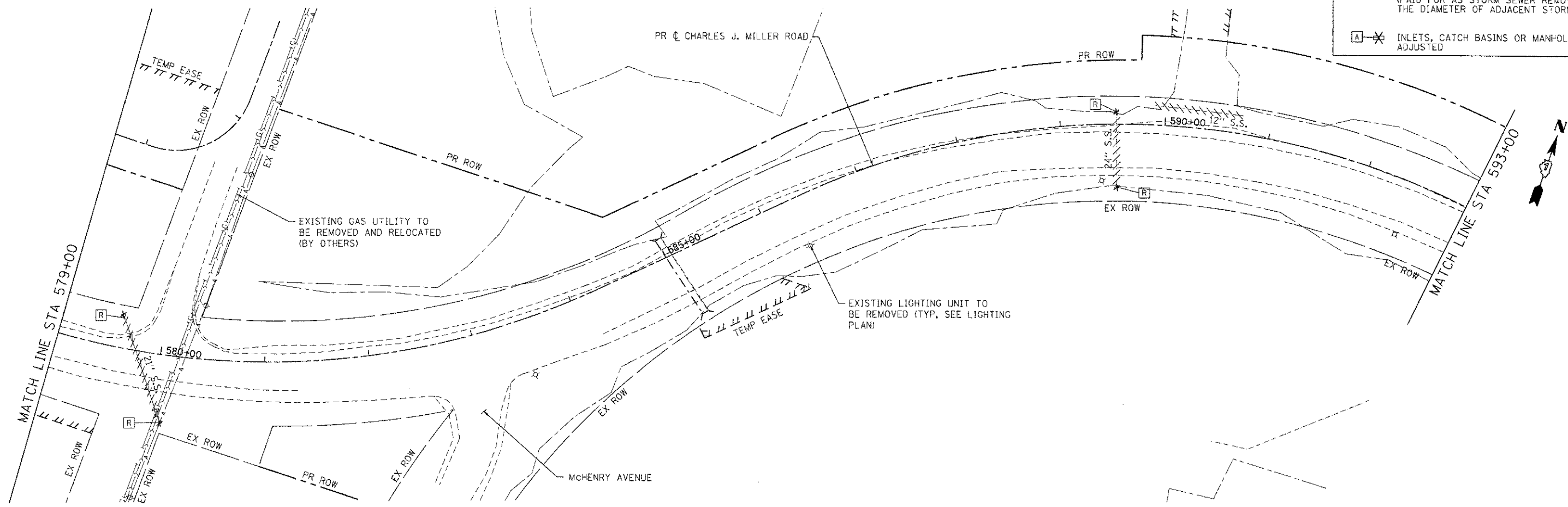
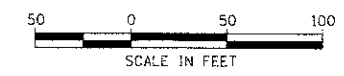


**PROJECT BEGINS
STA. 565 + 87**

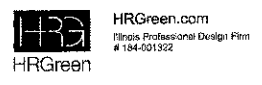
NOTE:
ALL UTILITIES THAT ARE IN CONFLICT
WITH PROPOSED WORK WILL BE REMOVED
AND RELOCATED BY OTHERS.

DRAINAGE REMOVAL LEGEND:

	STORM SEWER REMOVAL (SEE PLAN FOR DIAMETER)
	REMOVING INLETS
	REMOVING CATCH BASINS
	REMOVING MANHOLES
	REMOVE CONCRETE FLARED END SECTIONS (PAID FOR AS STORM SEWER REMOVAL OF THE DIAMETER OF ADJACENT STORM SEWER)
	INLETS, CATCH BASINS OR MANHOLES TO BE ADJUSTED



COMPANY NAME: HRGreen
 CLIENT CONTACT: J. Jettone
 DATE PLOTTED: 7/23/2012 11:09:38 AM
 FILE NAME: 090071-rem02-03.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard.ctb



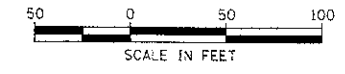
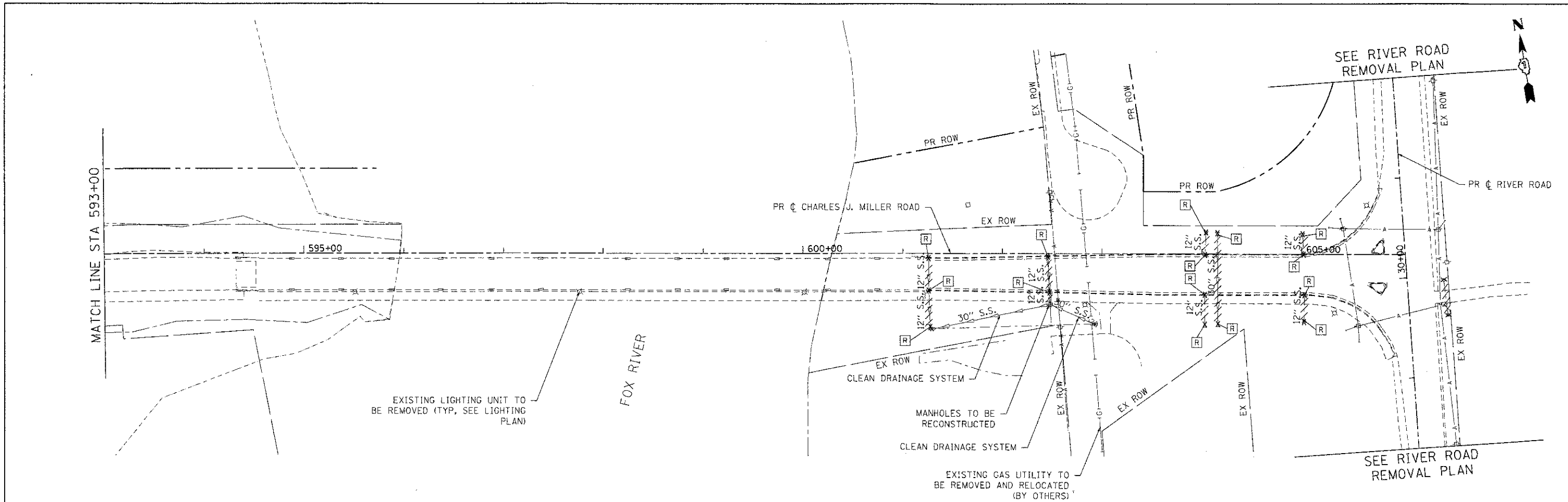
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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**DRAINAGE AND UTILITY REMOVAL PLAN - CHARLES J. MILLER ROAD
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' | SHEET NO. 1 OF 3 SHEETS | STA. 569+00 TO STA. 596+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	60
CONTRACT NO. 63633				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE:
ALL UTILITIES THAT ARE IN CONFLICT WITH PROPOSED WORK WILL BE REMOVED AND RELOCATED BY OTHERS.

DRAINAGE REMOVAL LEGEND:

- STORM SEWER REMOVAL (SEE PLAN FOR DIAMETER)
- REMOVING INLETS
- REMOVING CATCH BASINS
- REMOVING MANHOLES
- REMOVE CONCRETE FLARED END SECTIONS (PAID FOR AS STORM SEWER REMOVAL OF THE DIAMETER OF ADJACENT STORM SEWER)
- INLETS, CATCH BASINS OR MANHOLES TO BE ADJUSTED

COMPANY NAME: HRGreen
 PROJECT CONTRACT: 7/23/2012 11:54:44 AM
 CLIENT: 090071-rem02-04.dgn
 FILE NAME: pdf.plt
 PLOT DRIVER: standard.ctb
 PLOT DATE: 7/23/2012



USER NAME = jattano	DESIGNED - JPA	REVISED -
FILE NAME = 090071-rem02-04.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

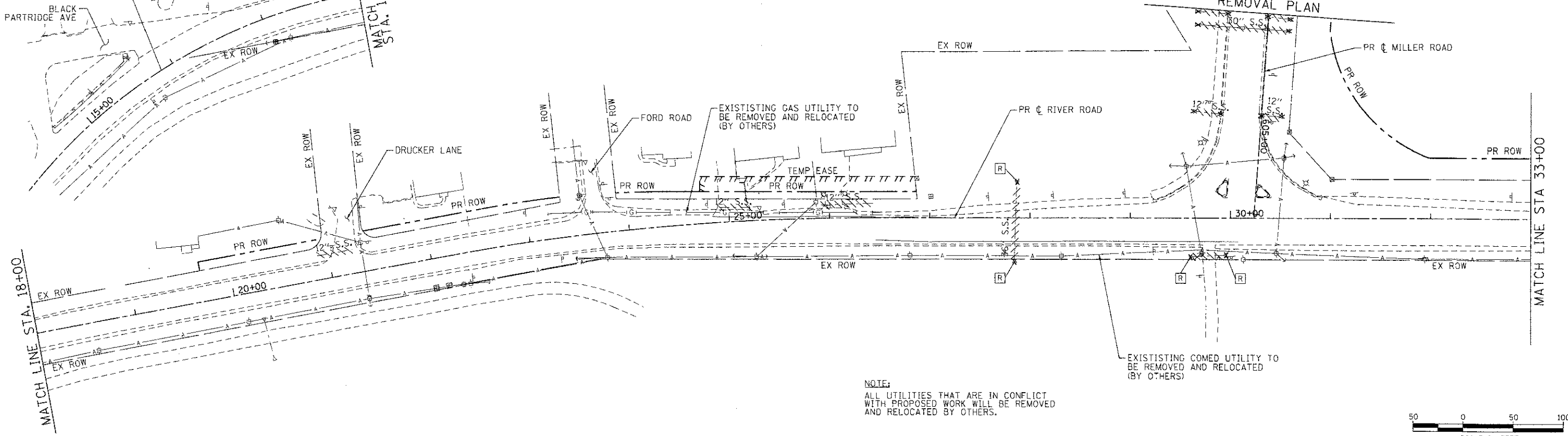
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**DRAINAGE AND UTILITY REMOVAL PLAN - CHARLES J. MILLER ROAD
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

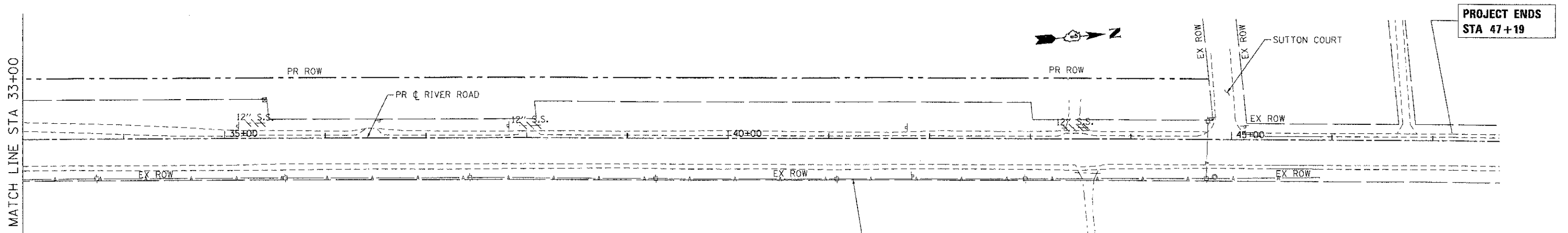
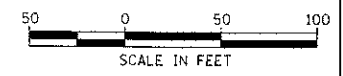
SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 596+00 TO STA. 606+03

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	61
CONTRACT NO. 63633			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

**PROJECT BEGINS
STA 15+92**



NOTE:
ALL UTILITIES THAT ARE IN CONFLICT WITH PROPOSED WORK WILL BE REMOVED AND RELOCATED BY OTHERS.



EXISTISTING COMED UTILITY TO BE REMOVED AND RELOCATED (BY OTHERS)

DRAINAGE REMOVAL LEGEND:

- STORM SEWER REMOVAL (SEE PLAN FOR DIAMETER)
- REMOVING INLETS
- REMOVING CATCH BASINS
- REMOVING MANHOLES
- REMOVE CONCRETE FLARED END SECTIONS (PAID FOR AS STORM SEWER REMOVAL OF THE DIAMETER OF ADJACENT STORM SEWER)
- INLETS, CATCH BASINS OR MANHOLES TO BE ADJUSTED

COMPANY NAME: HRGreen
 PROJECT CONTACT: J. Jettone
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 10:56:57 AM
 FILE NAME: 090071-rem02-08.dgn
 PLOT DRIVER: perfplot
 PEN TABLE: standard-trans.tbl



USER NAME = jettone	DESIGNED - JPA	REVISED -
FILE NAME = 090071-rem02-08.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**DRAINAGE AND UTILITY REMOVAL PLAN - RIVER ROAD
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

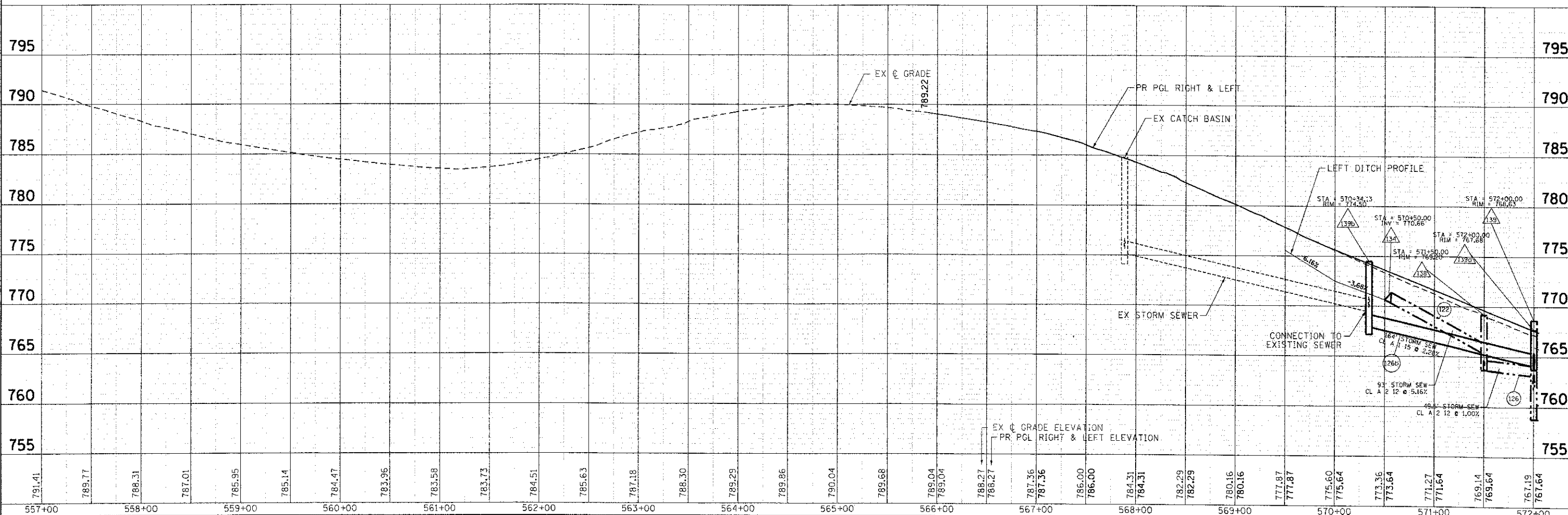
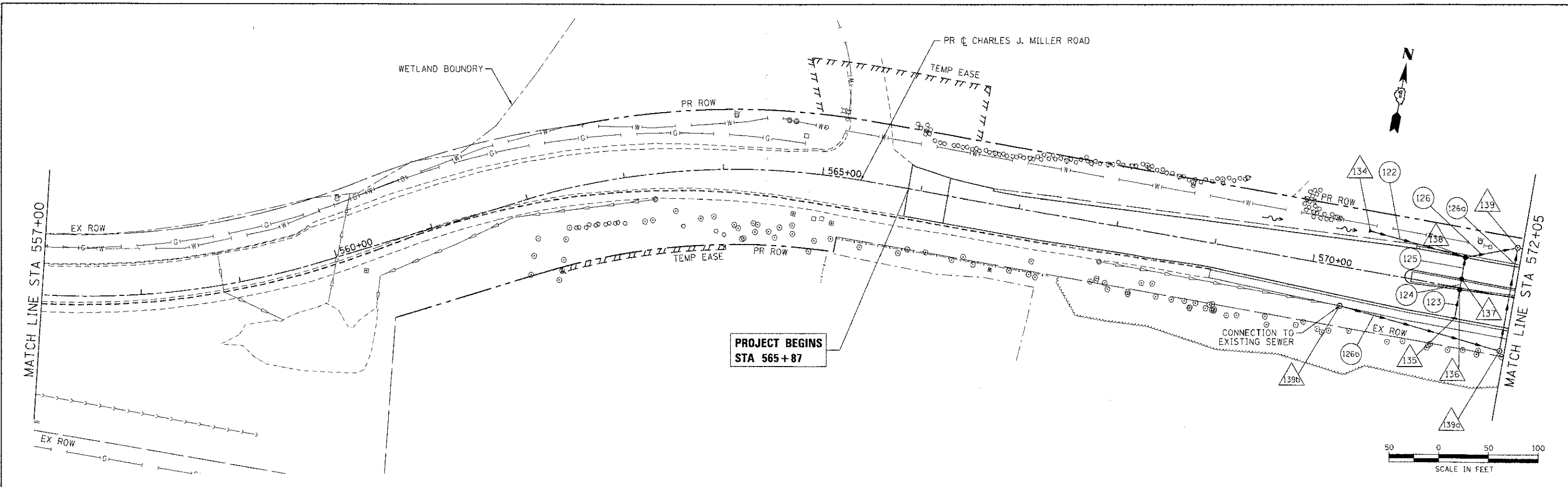
SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. 19+40 TO STA. 45+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	62
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO. OF WAY CHECKED		
	MAIN FILE NAME		
	NO.		

PROFILE	DRAWN	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATION DATED		
	NO.		

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. Jettone
 DATE: 7/23/2012 11:20:03 AM
 USER: jettone
 FILE NAME: 090071-dpp-04.dgn
 PLOT NUMBER: per job
 PEN TABLE: standard-trans.tbl



791.41	789.77	788.31	787.01	785.95	785.14	784.47	783.96	783.58	783.73	784.51	785.63	787.18	788.30	789.29	789.86	790.04	789.68	789.04	789.04	788.27	788.27	787.36	787.36	786.00	786.00	784.31	784.31	782.29	782.29	780.16	780.16	777.87	777.87	775.60	775.64	773.36	773.64	771.27	771.64	769.14	769.64	767.19	767.64
557+00	558+00	559+00	560+00	561+00	562+00	563+00	564+00	565+00	566+00	567+00	568+00	569+00	570+00	571+00	572+00																												

USER NAME	= jettone	DESIGNED	- JPA	REVISED	-
FILE NAME	= 090071-dpp-04.dgn	DRAWN	- SVJ	REVISED	-
PLOT SCALE	= 1" = 50'	CHECKED	- JLP	REVISED	-
PLOT DATE	= 7/23/2012	DATE	= 7/23/12	REVISED	-

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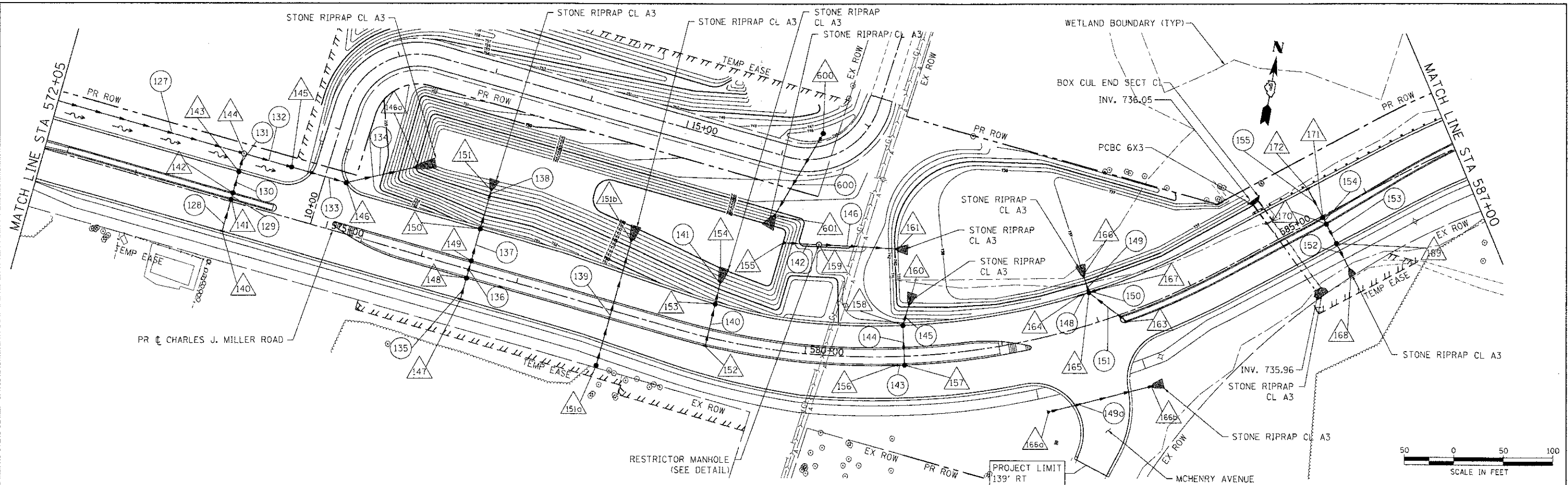
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE - CHARLES J. MILLER ROAD
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

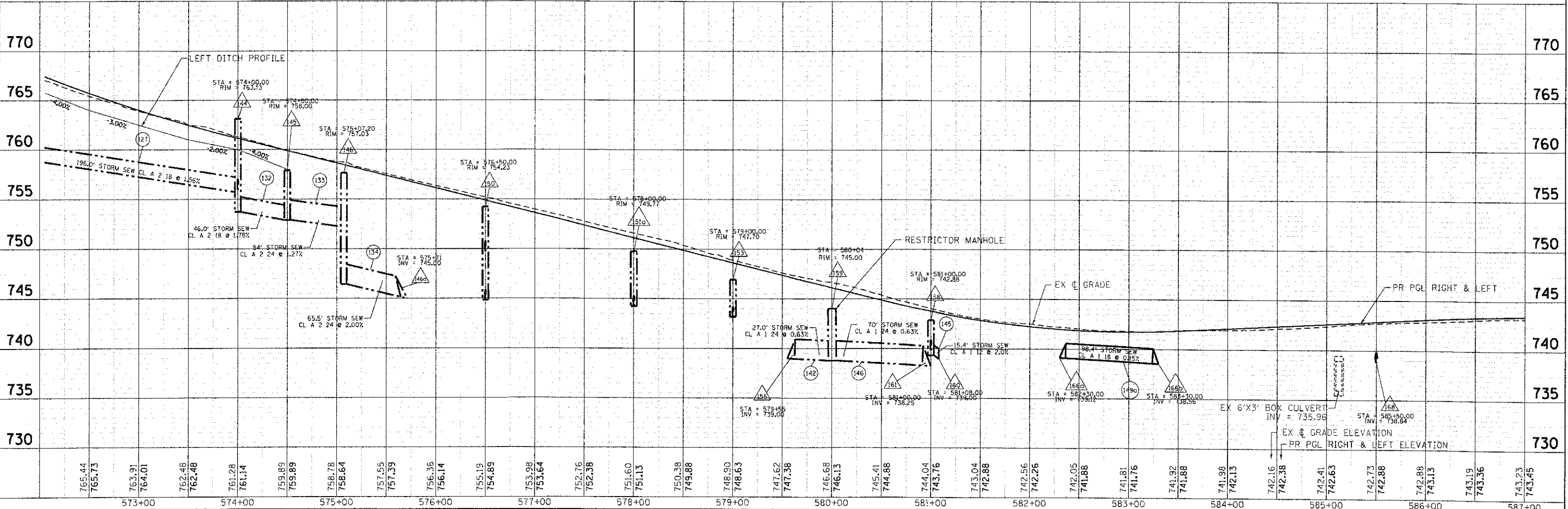
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	NO.
3860	09-00372-00-PW	MCHENRY	252	63
CONTRACT NO.			63633	
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. 557+00 TO STA. 572+00

DATE	
BY	
PROJECT	
PLANNED	
NOTED	
NO.	



DATE	
BY	
PROJECT	
PLANNED	
NOTED	
NO.	



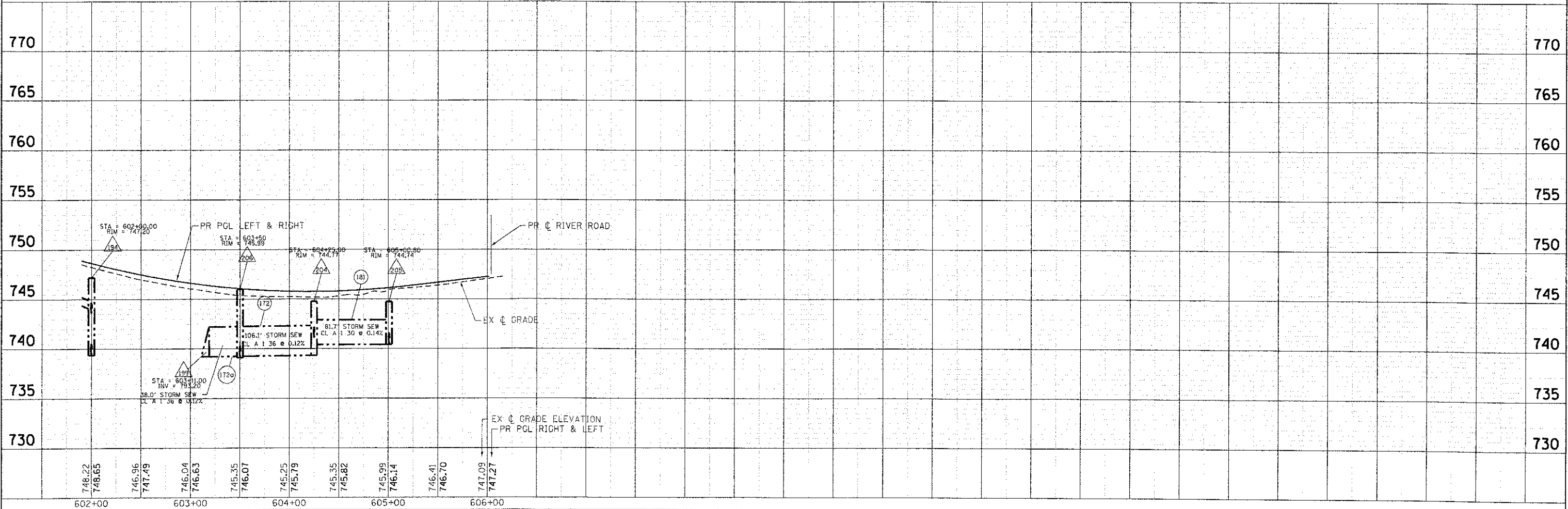
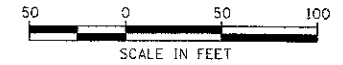
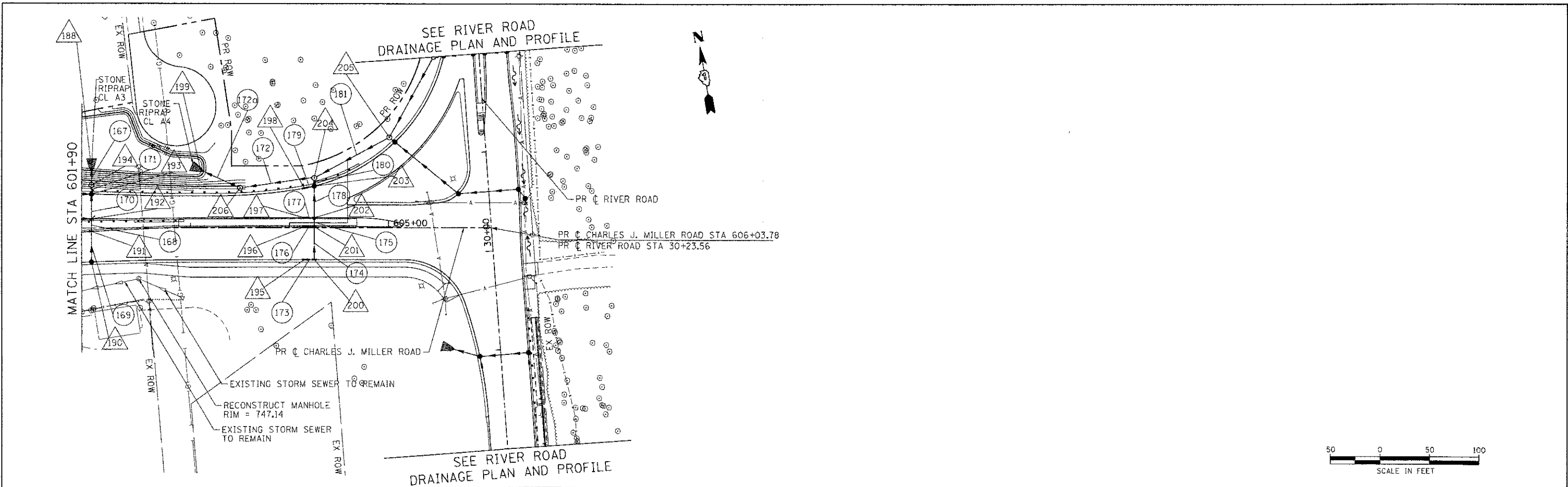
7/23/2012 11:20:12 AM
 DATE PLOTTED:
 FILE NAME: 09071-dp-05.dgn
 PLOT SCALE: 1" = 50'
 PLOT DRIVER: pldrvr
 PEN TABLE: standard.ctb

	USER NAME = jstana FILE NAME = 09071-dp-05.dgn PLOT SCALE = 1" = 50' PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE AND UTILITY PLAN AND PROFILE - CHARLES J. MILLER ROAD CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS		F.A.U. R.T.E. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY CONTRACT NO. 63633	TOTAL SHEETS 252 SHEET NO. 64
	SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. 572+00 TO STA. 587+00				ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	MANHOLE CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	MANHOLE CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

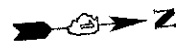
COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. Jattana
 CLIENT: STATE OF ILLINOIS
 FILE NAME: 09-0372-dop-07.dgn
 PLOT DRIVER: acadplot
 PEN TABLE: standard-props.tbl



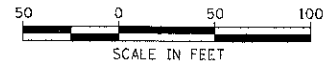
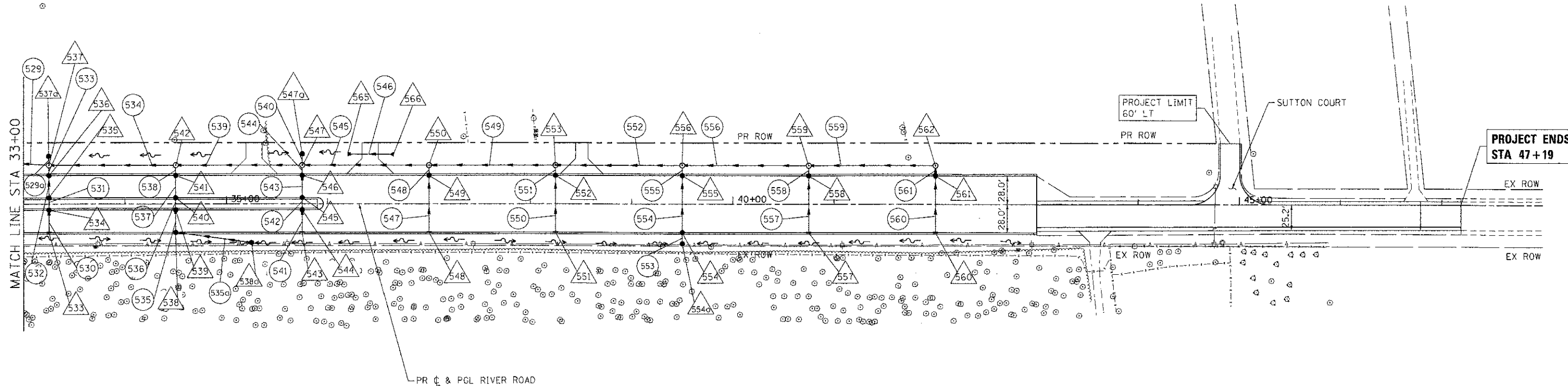
USER NAME = jattana FILE NAME = 09-0372-dop-07.dgn PLOT SCALE = 1" = 50' PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE - CHARLES J. MILLER ROAD CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS	F.A.U. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY TOTAL SHEETS 252 SHEET NO. 66 CONTRACT NO. 63633
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SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 601+90 TO STA. 606+03.78

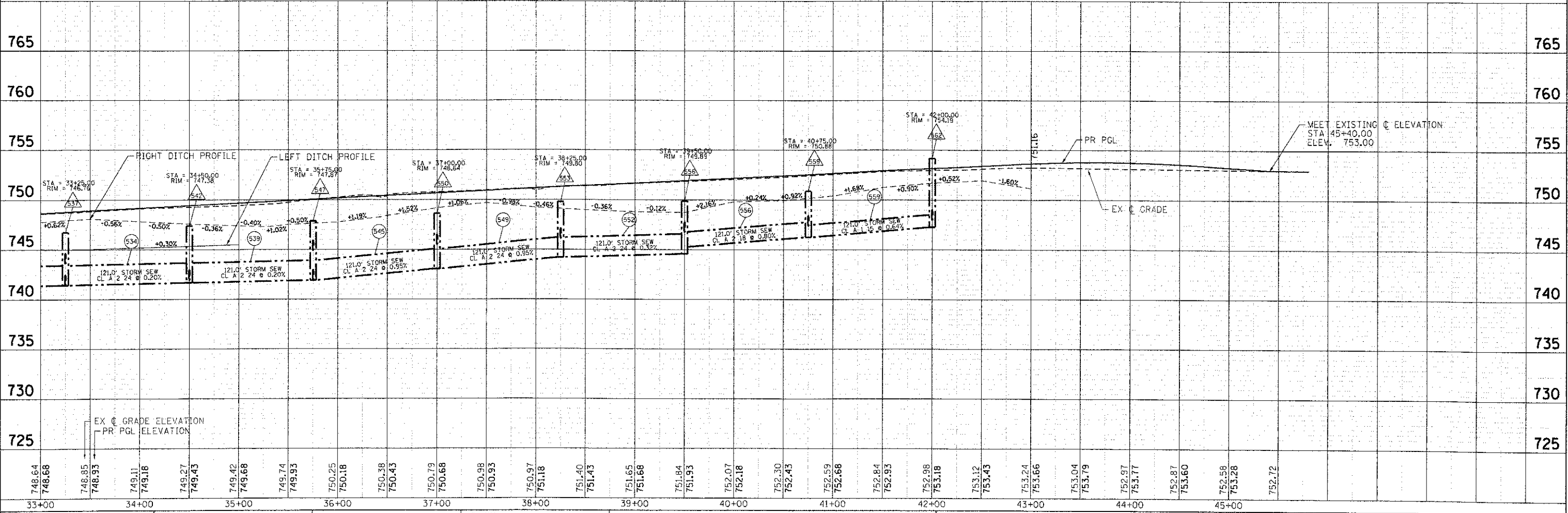
ILLINOIS FED. AID PROJECT



DATE	
BY	
PROJECT	
DATE PLOTTED	
FILE NAME	
NO.	



DATE	
BY	
PROJECT	
DATE PLOTTED	
FILE NAME	
NO.	



COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. J. J. J.
 CLIENT: STATE OF ILLINOIS
 DATE PLOTTED: 7/23/2012 10:05:07 AM
 FILE NAME: 090071-dpp-13.dgn
 PLOT NUMBER: 63633-06
 PEN TABLE: Standard-Pros.tbl

748.64 748.68 748.85 748.93 749.11 749.18 749.27 749.43 749.42 749.68 749.74 749.93 750.25 750.18 750.38 750.43 750.79 750.68 750.98 750.93 750.97 751.18 751.40 751.43 751.65 751.68 751.84 751.93 752.07 752.18 752.30 752.43 752.59 752.68 752.84 752.93 752.98 753.18 753.12 753.43 753.24 753.66 753.04 753.79 752.97 753.77 752.87 753.60 752.58 753.28 752.72	33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00 41+00 42+00 43+00 44+00 45+00	USER NAME = j. j. j. j. FILE NAME = 090071-dpp-13.dgn PLOT SCALE = 1" = 50' PLOT DATE = 7/23/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 7/23/12	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE - RIVER ROAD CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS	F.A.U. RTE. 3860 SECTION 09-C0372-00-PW COUNTY MCHENRY TOTAL SHEETS 252 SHEET NO. 68 CONTRACT NO. 63633	SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 33+00 TO STA. 45+00	ILLINOIS FED. AID PROJECT
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DRAINAGE STRUCTURE SCHEDULE - MILLER ROAD													
STR #	STA.	OFF	STRUCTURE TYPE	RIM ELEV	INVERTS								
					N	NW	W	SW	S	SE	E	NE	
134	570+50.00	-40.10	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"					770.66					
135	571+50.00	31.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	769.20	764.20								
136	571+50.00	1.90	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	769.74	763.93				763.93				
137	571+50.00	-9.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	769.64	763.84				763.84				
138	571+50.00	-31.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	769.20			765.48		763.65			763.65	
139	572+00.00	-50.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	768.63				763.15	761.79				
139a	572+00.00	55.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	771.32	762.94		764.13						
139b	570+34.13	39.11	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	774.50	769.94		769.51					767.87	
140	574+00.00	31.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	760.70	756.70								
141	574+00.00	-2.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	761.30	756.39				756.39				
142	574+00.00	-9.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	761.14	756.34				756.34				
143	574+00.00	-31.00	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	760.70	756.12				756.12				
144	574+00.00	-50.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	763.13			755.73		755.99			753.73	
145	574+50.00	-50.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	758.00			752.91					752.91	
146	575+07.20	-50.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	757.03			752.23					746.43	
146a	575+71.00	-84.42	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"									744.98	
147	576+50.00	31.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	754.45	750.45								
148	576+50.00	9.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	754.89	750.25				750.25				
149	576+50.00	-9.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	754.89	750.09				750.09				
150	576+50.00	-42.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	754.23	744.85				749.78				
151	576+50.00	-84.50	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"									743.00	
151a	578+00.00	57.70	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	749.77	744.25								
151b	578+00.00	-74.10	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		743.00								
152	579+00.00	9.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	748.63	744.63								
153	579+00.00	-34.15	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	747.70	743.20				743.20				
154	579+00.00	-57.80	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		743.00								
155	579+61.58	-107.51	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"				740.00						
156	580+90.00	9.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	743.98								740.14	
157	581+00.00	9.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	743.76	740.06		740.06						
158	581+00.00	-31.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	742.88	739.31				739.87				
159	580+04.00	-110.00	DRAINAGE RESTRICTOR (SEE DETAIL)	745.40			739.80					739.49	
160	581+00.00	-53.30	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		739.00								
161	580+97.37	-107.56	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"									738.25	
162			OMITTED										
163	583+27.00	9.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	741.70			737.30						
164	582+90.00	-31.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	740.89								737.14	
165	583+00.00	-31.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	740.88			737.07		737.07			737.07	
166	583+00.00	-48.16	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		737.00								
166a	582+30.00	74.50	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"				739.12						
166b	583+30.00	78.70	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"									738.56	
167	583+10.00	-31.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	740.90				737.14					
168	585+50.00	61.10	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"						738.84				
169	585+50.00	31.00	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	742.79	739.17				738.99				
170	585+50.00	9.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	742.88	739.27				739.27				
171	585+50.00	1.50	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	743.04	739.33				739.33				
172	585+50.00	-31.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	742.98					739.46				
173	588+60.00	61.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"						738.48				
174	588+60.00	31.00	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	742.01	738.64				738.63				
175	588+60.00	-2.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	742.73	738.94				738.94				
176	588+60.00	-9.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	742.89					738.99				
177	589+50.00	63.20	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"						737.50				
178	589+50.00	-50.40	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"		737.64								
179	589+85.00	-9.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	742.31					738.82				
180	590+15.00	31.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	741.35		738.34						738.34	
181	590+25.00	60.60	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"						738.16				
182	590+25.00	31.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	741.34			738.30		738.30			738.30	
183	590+35.00	31.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	741.35			738.34					738.34	
184	590+72.00	-9.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	742.33			738.86		738.86				
184a	591+15.00	8.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	742.67		739.08							
185	592+75.00	64.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"						740.31				
186	592+75.00	31.50	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	744.61	740.60				740.60				
187	592+75.00	-9.50	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	744.26					740.49			740.49	
187a	594+00.00	-7.20	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	749.22	744.73		744.73					744.99	
187b	594+00.00	-35.10	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	749.41					744.99			744.99	
188	602+00.00	-59.40	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		739.20								
189			OMITTED										
190	602+00.00	34.10	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	748.40	744.40								
191	602+00.00	3.40	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.39	744.11				744.11				
192	602+00.00	-10.23	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	748.47	744.00		744.10		744.00				
193	602+00.00	-33.81	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	748.39	743.73		744.10		743.73				
194	602+00.00	-43.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	747.20	739.51				743.67				
195	604+15.00	32.00	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	745.60								740.76	
196	604+15.00	-1.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	745.81								741.07	
197	604+15.00	-10.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	745.60								741.60	

DRAINAGE STRUCTURE SCHEDULE - MILLER ROAD													
STR #	STA.	OFF	STRUCTURE TYPE	RIM ELEV	INVERTS								
					N	NW	W	SW	S	SE	E	NE	
198	604+15.00	-39.67	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	745.45								741.30	
199	603+11.00	-61.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"						738.20				
200	604+25.00	32.00	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	745.58	740.68				740.68			740.68	
201	604+25.00	-1.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	745.81	740.37				740.99			740.37	
202	604+25.00	-10.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	745.60	740.30				741.52			740.30	
203	604+25.00	-41.75	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	745.41	740.00				741.22			740.00	
204	604+25.00	-50.00	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	744.77					739.33			739.95	
205	605+00.80	-91.10	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	744.74					740.41			740.78	740.41

DRAINAGE STRUCTURE SCHEDULE - WASTE WATER TREATMENT PLANT ACCESS DRIVE													
STR #	STA.	OFF	STRUCTURE TYPE	RIM ELEV	INVERTS								
					N	NW	W	SW	S	SE	E	NE	
206	603+50.00	-40.00	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	745.99					739.25				739.25
600	16+50.80	-23.80	CATCH BASINS, TYPE C, TYPE 8 GRATE	745.50	743.48								
601	16+08.50	59.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"								743.00		

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 DATE PLOTTED: 7/23/2012 10:20:01 AM
 FILE NAME: 090071-dsch-01.dgn
 PLOT DRIVER: pdfcpl
 PEN TABLE: standard-trans.tbl



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FILE NAME = 090071-dsch-01.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**DRAINAGE SCHEDULE OF QUANTITIES
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	69
CONTRACT NO. 63633				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE - RIVER ROAD												
STR #	STA.	OFF	STRUCTURE TYPE	RIM ELEV	INVERTS							
					N	NW	W	SW	S	SE	E	NE
500	20+25.00	28.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"								748.64	
501	20+25.00	14.50	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	754.06			749.65				748.70	
502	20+25.00	-15.80	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	754.04			749.82				749.82	
503	20+25.00	-32.50	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"				749.90					
503a	22+50.00	-31.55	CATCH BASINS, TYPE C, TYPE 8 GRATE	753.00	750.75							
504	23+40.00	17.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	753.68	750.00							
505	23+50.00	17.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	753.58			749.92		749.92			
505a	23+50.00	-30.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	753.99	749.48				750.25		749.48	
506	24+70.00	18.70	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	751.76	748.26							
507	24+80.00	-26.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	751.93	747.56				748.06		747.76	
508	24+80.00	19.30	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	751.55					748.18		748.18	
509	26+25.00	26.50	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	748.57	744.46							
510	26+35.00	-24.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	748.51	742.93				742.93		743.90	
511	26+35.00	27.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.41			744.37		744.37			
512	27+00.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	747.28			743.77					
513	27+00.00	-17.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	747.62		740.67			742.60		743.35	
514	27+50.00	-50.60	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"			739.90						
515	27+84.45	38.50	OPENING IN RETAINING WALL (SEE RETAINING WALL PLAN)								739.45	
516	27+86.60	-33.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"				738.89					
517	28+85.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	746.11	742.22							
518	28+85.00	-19.90	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	746.54	742.38							
519	28+95.00	28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	746.13			742.14		742.14			
520	28+95.00	-21.10	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	746.27			741.67		742.30		741.67	
521	29+05.00	-49.00	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"				740.80					
522a	30+50.00	36.30	CATCH BASINS, TYPE C, TYPE 8 GRATE	746.31		742.31						
522	30+60.00	30.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	746.88			742.21			742.21		
523	30.59.8	-30.60	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	746.87		741.62					741.62	
524	31+16.60	-90.90	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	745.82		740.82				740.82		
525			OMITTED									
526	32+00.00	28.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	747.62	743.62		743.62					
527	32+00.00	6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.06			743.42				743.42	
528	32+00.00	-6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.06			743.32				743.32	
529	32+00.00	-35.70	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	747.46	743.49		743.03				743.03	
530	32+00.00	-46.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	746.09	741.20			740.52			742.96	
531	32+10.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	747.67					743.70			
532	32+10.00	-32.90	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	747.57					743.57			
533	33+25.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	748.25			744.25					
534	33+25.00	6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.69			744.05				744.05	
535	33+25.00	-6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.69			743.95				743.95	
536	33+25.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.25			743.75				743.75	
537	33+25.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	746.76	741.44		741.47		741.44		743.67	
537a	33+24.60	-47.00	CATCH BASINS, TYPE C, TYPE 8 GRATE	745.03							741.53	
538a	35+25.00	38.20	CATCH BASINS, TYPE C, TYPE 8 GRATE	747.29					743.29			
538	34+50.00	28.00	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	748.87	742.55		742.55					
539	34+50.00	6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	749.31			742.35				742.35	
540	34+50.00	-6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	749.31			742.25				742.25	
541	34+50.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	748.87			742.05				742.05	
542	34+50.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	747.38	741.68				741.68		741.97	
543	35+75.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	749.50			745.50					
544	35+75.00	6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	750.00			745.30				745.30	
545	35+75.00	-6.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	750.00			745.20				745.20	
546	35+75.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	749.50			745.00				745.00	
547	35+75.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	747.87	741.92		741.96		741.92		744.93	
547a	35+75.00	-49.00	CATCH BASINS, TYPE C, TYPE 8 GRATE	745.40							742.04	
548	37+00.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	750.12			746.12					
549	37+00.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	750.12			745.58				745.58	
550	37+00.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	748.64	743.07				743.07		745.51	
551	38+25.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	750.75			746.75					
552	38+25.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	750.75			746.20					
553	38+25.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	749.80	744.22				744.22		746.13	
554	39+50.00	28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	751.37			745.20				745.20	
554a	39+50.00	39.00	CATCH BASINS, TYPE C, TYPE 8 GRATE	748.75			745.29					
555	39+50.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	751.37			744.66				744.66	
556	39+50.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	749.89	745.30				744.59		744.59	
557	40+75.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	752.00			748.00					
558	40+75.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	752.00			747.48				747.48	
559	40+75.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	750.88	746.50				746.27		747.41	
560	42+00.00	28.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	752.62			748.62					
561	42+00.00	-28.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	752.62			748.08				748.08	
562	42+00.00	-38.00	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	754.19					747.27		748.01	
563			OMITTED									
564			OMITTED									
565	36+20.00	-48.90	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"						745.59			
566	36+61.30	-48.70	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		745.79							

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: J. J. J. J.
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:26:04 AM
 FILE NAME: 090071-dschr-01.dgn
 PLOT DRIVER: pdf24t
 PEN TABLE: s10ncardr-0-trans.tbl



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FILE NAME = 090071-dschr-01.dgn	DRAWN = SVJ	REVISED =
PLOT SCALE = N.T.S.	CHECKED = JLP	REVISED =
PLOT DATE = 7/23/2012	DATE = 7/23/12	REVISED =

MCHENRY COUNTY
DIVISION OF TRANSPORTATION

DRAINAGE SCHEDULE OF QUANTITIES CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS			
SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 70
CONTRACT NO. 63633			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

STORM SEWER SCHEDULE - MILLER ROAD							
PIPE #	FROM	TO	LENGTH (FT)	DIA	TYPE	SLOPE (%)	T.B.F. (CU YD)
122	134	136	93	12	STORM SEW CL A 1	5.16	0.00
123	135	136	28	12	STORM SEW CL A 2	1.00	6.21
124	136	137	9	12	STORM SEW CL A 2	1.00	2.41
125	137	136	19	12	STORM SEW CL A 2	1.00	4.89
126	138	139	50	12	STORM SEW CL A 2	1.00	6.35
126a	139a	139	85	18	STORM SEW CL A 2	2.32	2.54
126b	139b	139a	164	12	STORM SEW CL A 1	2.28	0.00
127	139	144	196	18	STORM SEW CL A 2	1.56	0.00
128	140	141	31	12	STORM SEW CL A 2	1.00	3.14
129	141	142	5	12	STORM SEW CL A 2	1.00	0.72
130	142	143	20	12	STORM SEW CL A 2	1.00	3.08
131	143	144	13	12	STORM SEW CL A 1	1.00	0.00
132	144	145	46	18	STORM SEW CL A 2	1.78	0.00
133	145	146	54	24	STORM SEW CL A 2	1.27	10.04
134	146	146a	66	24	STORM SEW CL A 2	2.00	0.00
135	147	148	20	12	STORM SEW CL A 2	1.00	2.31
136	148	149	16	12	STORM SEW CL A 2	1.00	2.47
137	149	150	31	12	STORM SEW CL A 2	1.00	4.47
138	150	151	37	12	STORM SEW CL A 2	5.00	0.00
139	151a	151b	132	12	STORM SEW CL A 2	0.96	27.91
140	152	153	42	12	STORM SEW CL A 1	1.00	2.34
141	153	154	21	12	STORM SEW CL A 1	1.00	0.00
142	155	159	27	24	STORM SEW CL A 1	0.63	0.00
143	156	157	8	12	STORM SEW CL A 1	0.50	0.46
144	157	158	38	12	STORM SEW CL A 1	0.50	0.53
145	158	160	16	12	STORM SEW CL A 1	2.00	0.00
146	159	161	70	24	STORM SEW CL A 1	0.63	0.00
147			OMITTED				
148	164	165	7	12	STORM SEW CL A 1	1.00	0.41
149	165	166	7	12	STORM SEW CL A 1	0.50	0.00
149a	166a	166b	99	18	STORM SEW CL A 1	0.15	0.00
150	167	165	7	12	STORM SEW CL A 1	1.00	0.41
151	163	165	46	12	STORM SEW CL A 1	0.50	4.27
152	169	168	23	12	STORM SEW CL A 1	0.50	0.00
153	170	169	20	12	STORM SEW CL A 1	0.50	0.83
154	171	170	6	12	STORM SEW CL A 1	1.00	0.21
155	172	171	31	12	STORM SEW CL A 1	0.50	0.92
156	176	175	5	12	STORM SEW CL A 1	1.00	0.33
157	175	174	31	12	STORM SEW CL A 1	1.00	1.17
158	174	173	30	12	STORM SEW CL A 1	0.31	0.00
159	178	177	102	24	STORM SEW CL A 1	0.14	3.44
160	179	180	48	12	STORM SEW CL A 1	1.00	0.15
161	180	182	8	12	STORM SEW CL A 1	0.50	0.00
162	182	181	23	12	STORM SEW CL A 1	0.50	0.00
163	183	182	8	12	STORM SEW CL A 1	0.50	0.00
164	184	183	53	12	STORM SEW CL A 1	1.00	0.19
164a	184a	184	44	12	STORM SEW CL A 1	0.50	1.00
165	187	186	39	12	STORM SEW CL A 1	1.00	2.74
165a	BRIDGE	187b	51	10	STORM SEW CL B 1	5.24	5.10
165b	BRIDGE	187a	51	10	STORM SEW CL B 1	5.25	4.63
165c	187b	187a	27	12	STORM SEW CL A 1	0.98	3.24
165d	187a	187	124	12	STORM SEW CL A 1	3.33	11.73
166	186	185	29	12	STORM SEW CL A 1	1.00	0.00
167	194	188	10	12	STORM SEW CL A 1	2.00	0.00
168	191	192	11	12	STORM SEW CL A 2	1.00	1.45
169	190	191	29	12	STORM SEW CL A 2	1.00	2.80
170	192	193	23	12	STORM SEW CL A 2	1.00	3.22
171	193	194	6	12	STORM SEW CL A 1	1.00	0.77
172	179	206	107	36	STORM SEW CL A 1	0.12	0.00
172a	206	199	38	36	STORM SEW CL A 1	0.12	0.00
173	195	200	8	12	STORM SEW CL A 1	1.00	0.00
174	200	201	34	12	STORM SEW CL A 2	1.00	6.75
175	201	202	7	12	STORM SEW CL A 2	1.00	1.58
176	196	201	8	12	STORM SEW CL A 2	1.00	1.31
177	197	202	8	12	STORM SEW CL A 2	1.00	0.69
178	202	203	30	12	STORM SEW CL A 2	1.00	6.72
179	198	204	9	12	STORM SEW CL A 2	1.00	0.90
180	203	204	6	12	STORM SEW CL A 2	1.00	1.38
181	205	204	82	30	STORM SEW CL A 1	0.14	0.00
192a	BRIDGE	192	91	10	STORM SEW CL B 1	3.97	11.11
193a	BRIDGE	193	91	10	STORM SEW CL B 1	3.97	10.76

STORM SEWER SCHEDULE - RIVER ROAD							
PIPE #	FROM	TO	LENGTH (FT)	DIA	TYPE	SLOPE (%)	T.B.F. (CU YD)
500	501	500	7	12	STORM SEW CL A 1	0.56	0.00
501	502	501	29	12	STORM SEW CL A 2	0.56	3.33
502	503	502	10	12	STORM SEW CL A 1	0.56	0.00
502a	503a	505a	38	12	STORM SEW CL A 1	0.52	0.00
503	504	505	8	12	STORM SEW CL A 1	1.00	0.36
503a	505	505a	44	12	STORM SEW CL A 1	1.00	3.99
504	505a	507	128	12	STORM SEW CL A 2	1.11	3.22
505	506	508	7	12	STORM SEW CL A 1	1.00	0.13
506	508	507	43	12	STORM SEW CL A 2	1.00	0.93
507	507	510	153	12	STORM SEW CL A 2	2.95	34.82
508	509	511	9	12	STORM SEW CL A 1	1.00	0.77
509	511	510	47	12	STORM SEW CL A 1	1.00	5.84
510	510	513	62	12	STORM SEW CL A 2	0.54	7.20
511	512	513	42	12	STORM SEW CL A 1	1.00	3.16
512	513	514	53	15	STORM SEW CL A 1	1.33	0.90
513	515	516	64	36	STORM SEW CL A 1	0.92	28.11
514	517	519	8	12	STORM SEW CL A 2	1.00	0.79
515	518	520	9	12	STORM SEW CL A 2	1.00	0.79
516	520	521	23	12	STORM SEW CL A 1	3.00	0.17
517	519	520	48	12	STORM SEW CL A 1	1.00	6.45
518a	522a	522	10	12	STORM SEW CL A 2	1.00	0.47
518	522	523	59	12	STORM SEW CL A 2	1.00	10.95
519	523	524	81	12	STORM SEW CL A 2	1.00	16.14
520	524	205	5	12	STORM SEW CL A 2	1.00	0.65
521	530	205	89	30	STORM SEW CL A 1	0.13	0.00
522	529	530	8	12	STORM SEW CL A 1	1.00	0.23
523	531	526	8	12	STORM SEW CL A 1	1.00	0.64
524	532	530	9	12	STORM SEW CL A 1	1.00	0.67
525			OMITTED				
526	526	527	20	12	STORM SEW CL A 2	1.00	2.31
527	527	528	10	12	STORM SEW CL A 2	1.00	1.54
528	528	529	29	12	STORM SEW CL A 2	1.00	4.15
529	537	530	122	24	STORM SEW CL A 2	0.20	0.00
529a	537a	537	8	12	STORM SEW CL A 1	1.00	0.00
530	533	534	20	12	STORM SEW CL A 1	1.00	2.31
531	534	535	10	12	STORM SEW CL A 1	1.00	1.54
532	535	536	20	12	STORM SEW CL A 1	1.00	2.94
533	536	537	7	12	STORM SEW CL A 1	1.00	0.24
534	542	537	121	24	STORM SEW CL A 2	0.20	0.00
535	538	537	20	12	STORM SEW CL A 2	1.00	7.18
535a	538a	538	74	12	STORM SEW CL A 2	1.00	3.92
536	539	540	10	12	STORM SEW CL A 2	1.00	5.29
537	540	541	20	12	STORM SEW CL A 2	1.00	7.81
538	541	542	7	12	STORM SEW CL A 2	1.00	1.28
539	547	542	121	24	STORM SEW CL A 2	0.20	22.69
540	547a	547	8	12	STORM SEW CL A 1	1.00	0.00
541	543	544	20	12	STORM SEW CL A 2	1.00	2.37
542	544	545	10	12	STORM SEW CL A 2	1.00	1.60
543	545	546	20	12	STORM SEW CL A 2	1.00	3.00
544	546	547	7	12	STORM SEW CL A 2	1.00	0.21
545	550	547	121	24	STORM SEW CL A 2	0.95	21.27
546	566	565	33	12	STORM SEW CL A 1	0.45	5.43
547	548	549	54	12	STORM SEW CL A 2	1.00	5.94
548	549	550	7	12	STORM SEW CL A 1	1.00	0.26
549	553	550	121	24	STORM SEW CL A 2	0.95	0.00
550	551	552	54	12	STORM SEW CL A 1	1.00	5.97
551	552	553	7	12	STORM SEW CL A 1	1.00	0.37
552	556	553	121	24	STORM SEW CL A 2	0.32	3.49
553	554a	554	9	12	STORM SEW CL A 1	1.00	0.00
554	554	555	54	12	STORM SEW CL A 2	1.00	18.24
555	555	556	7	12	STORM SEW CL A 2	1.00	1.17
556	559	556	121	18	STORM SEW CL A 2	0.80	0.00
557	557	558	54	12	STORM SEW CL A 2	1.00	5.89
558	558	559	7	12	STORM SEW CL A 1	1.00	0.32
559	562	559	121	15	STORM SEW CL A 1	0.64	0.00
560	560	561	54	12	STORM SEW CL A 2	1.00	5.94
561	561	562	7	12	STORM SEW CL A 2	1.00	0.90

STORM SEWER SCHEDULE - WASTE WATER TREATMENT PLANT ACCESS DRIVE							
PIPE #	FROM	TO	LENGTH (FT)	DIA	TYPE	SLOPE (%)	T.B.F. (CU YD)
600	601	600	91	12	STORM SEW CL A 1	0.50	15.10

COUNTRY NAME:
PROJECT CONTACT:
DATE PLOTTED: 7/23/2012 11:21:08 AM
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PLOT DRIVER: pdf24nt
PLOT TABLE: standard-trans.tbl



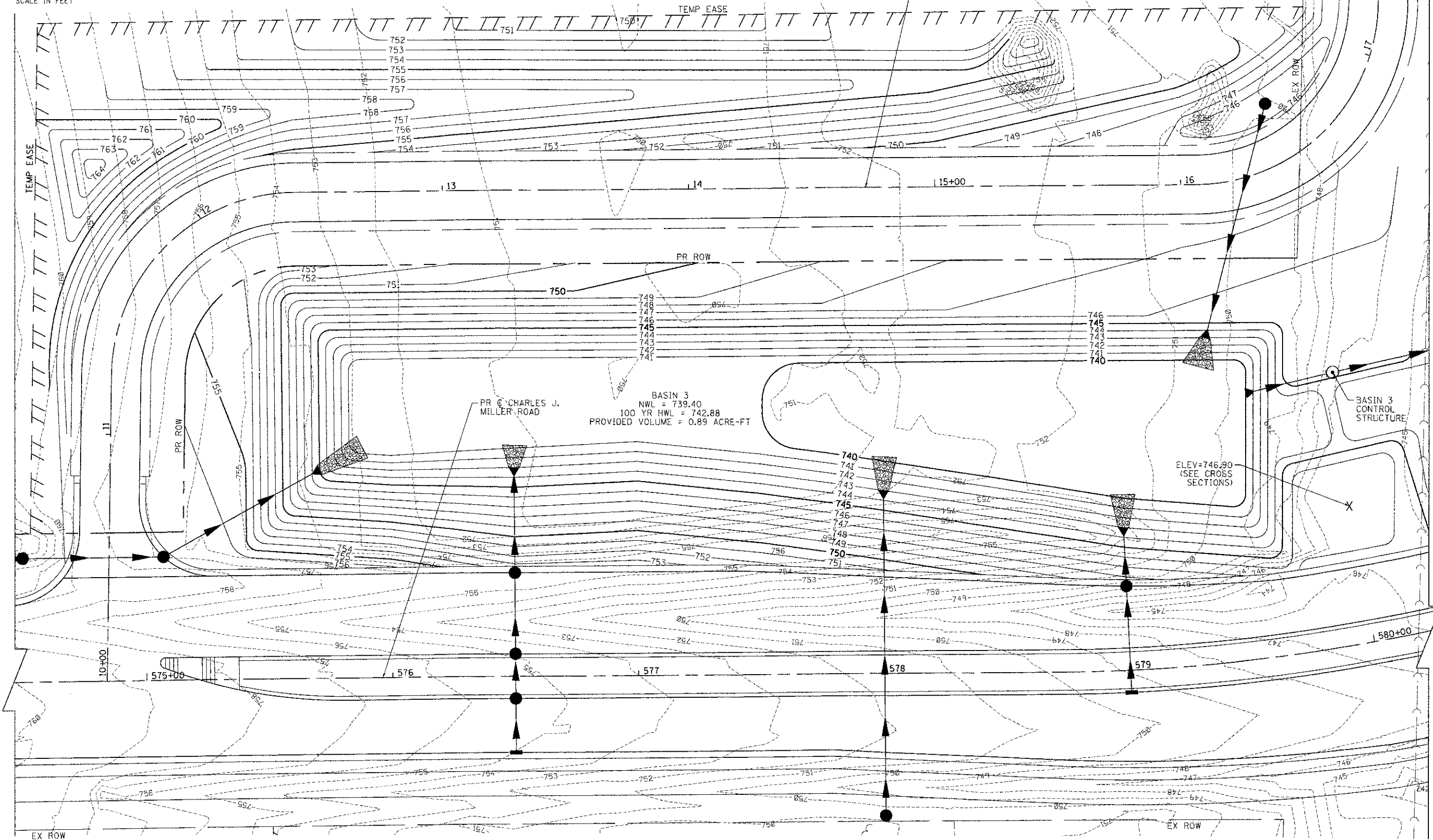
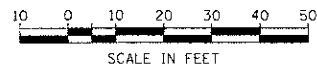
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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**DRAINAGE SCHEDULE OF QUANTITIES
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 71
CONTRACT NO. 63633			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.



BASIN 3
 NWL = 739.40
 100 YR HWL = 742.88
 PROVIDED VOLUME = 0.89 ACRE-FT

ELEV=746.90
 (SEE CROSS SECTIONS)

7/23/2012 10:28:18 AM
 090071-CP04.dgn
 plot_driver
 standard-trans.tbl



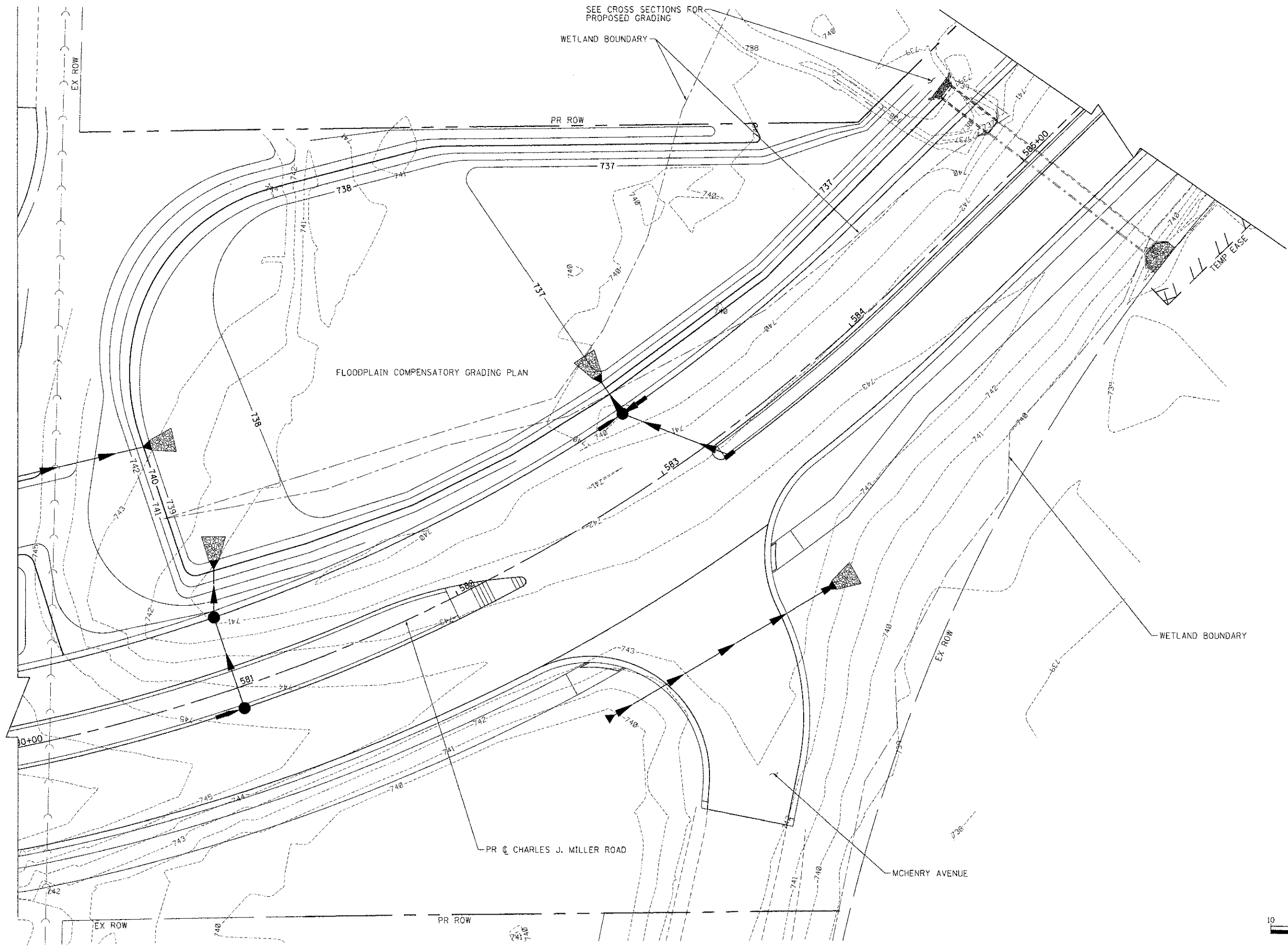
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PLOT SCALE = 1" = 20'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**DETENTION BASIN 3 GRADING PLAN
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 574+50 TO STA. 580+00

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 72
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63633		



SEE CROSS SECTIONS FOR PROPOSED GRADING

WETLAND BOUNDARY

PR ROW

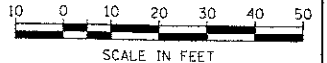
FLOODPLAIN COMPENSATORY GRADING PLAN

TEMP EASE

WETLAND BOUNDARY

PR CHARLES J. MILLER ROAD

MCHENRY AVENUE



COMPANY NAME: HRGreen
 PROJECT CONTACT: jstevens
 DATE PLOTTED: 7/23/2012 10:21:23 AM
 FILE NAME: 090071-GR05.dgn
 PLOT DRIVER: pct501t
 PLOT TABLE: standard-trans.tbl



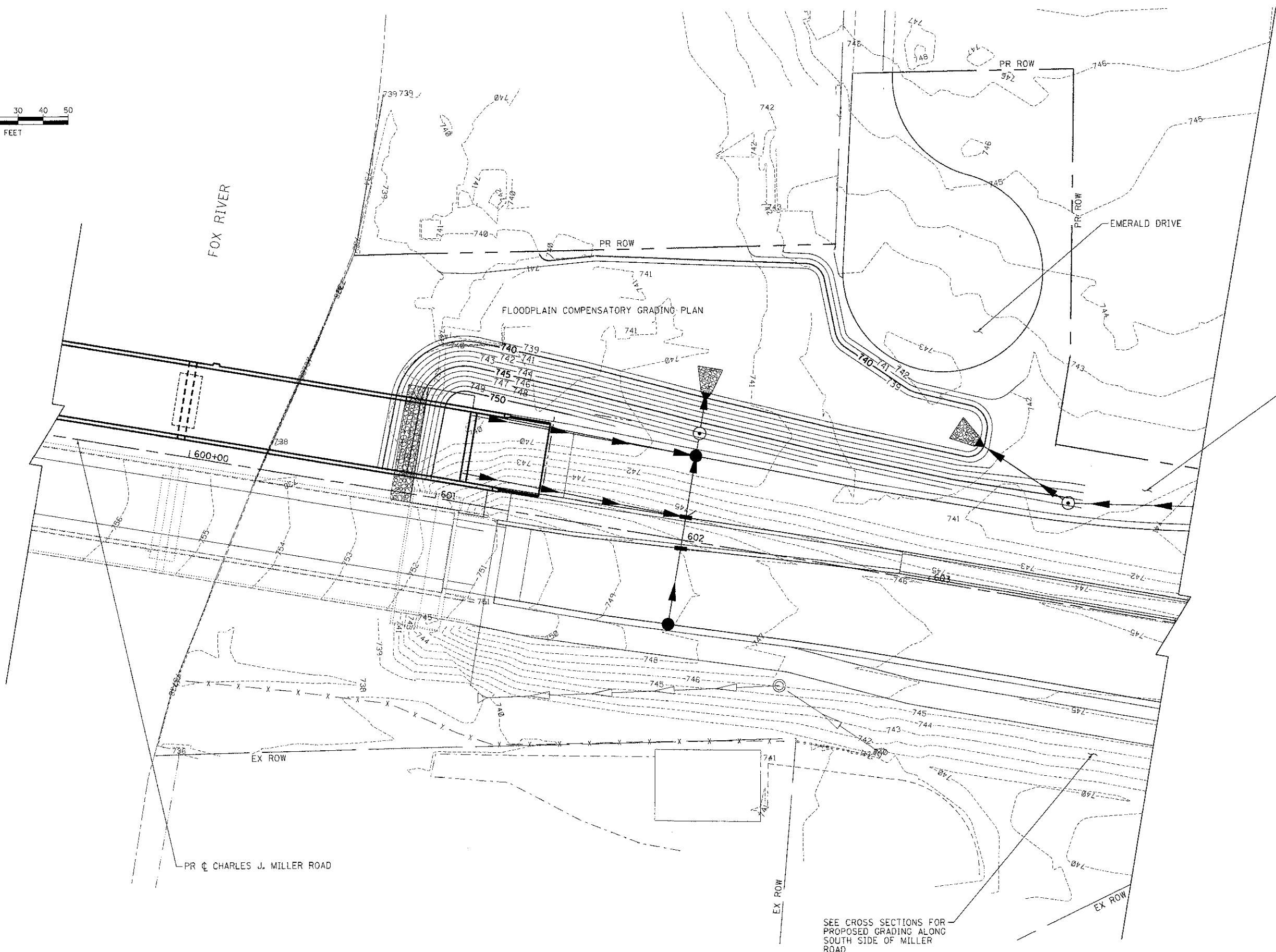
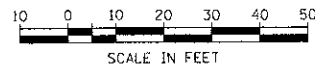
USER NAME = jstevens	DESIGNED - JPA	REVISED -
FILE NAME = 090071-GR05.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**DETENTION BASIN 3B GRADING PLAN
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 580+50 TO STA. 585+50

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63633	



SEE CROSS SECTIONS FOR PROPOSED GRADING

SEE CROSS SECTIONS FOR PROPOSED GRADING ALONG SOUTH SIDE OF MILLER ROAD

COMPANY NAME: HRGreen
PROJECT CONTACT: J. Jettane
CLIENT: MCHENRY COUNTY
DATE PLOTTED: 7/23/2012 1:26:30 AM
FILE NAME: 090071-GP06.dgn
PLOT DRIVER: pdt4plf
PEN TABLE: Standard-Trans.tbl



USER NAME = jettane	DESIGNED - JPA	REVISED -
FILE NAME = 090071-GP06.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**DETENTION BASIN 4 GRADING PLAN
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 595+50 TO STA. 604+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	74
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63633	

OMITTED SHEET

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 12:25:24 AM
 FILE NAME: 090011-omit.dgn
 PLOT USER: jettiana
 PLOT TABLE: standard.ctb



USER NAME : jettiana	DESIGNED -	REVISED -
FILE NAME : 090011-omit.dgn	DRAWN -	REVISED -
PLOT SCALE :	CHECKED -	REVISED -
PLOT DATE : 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

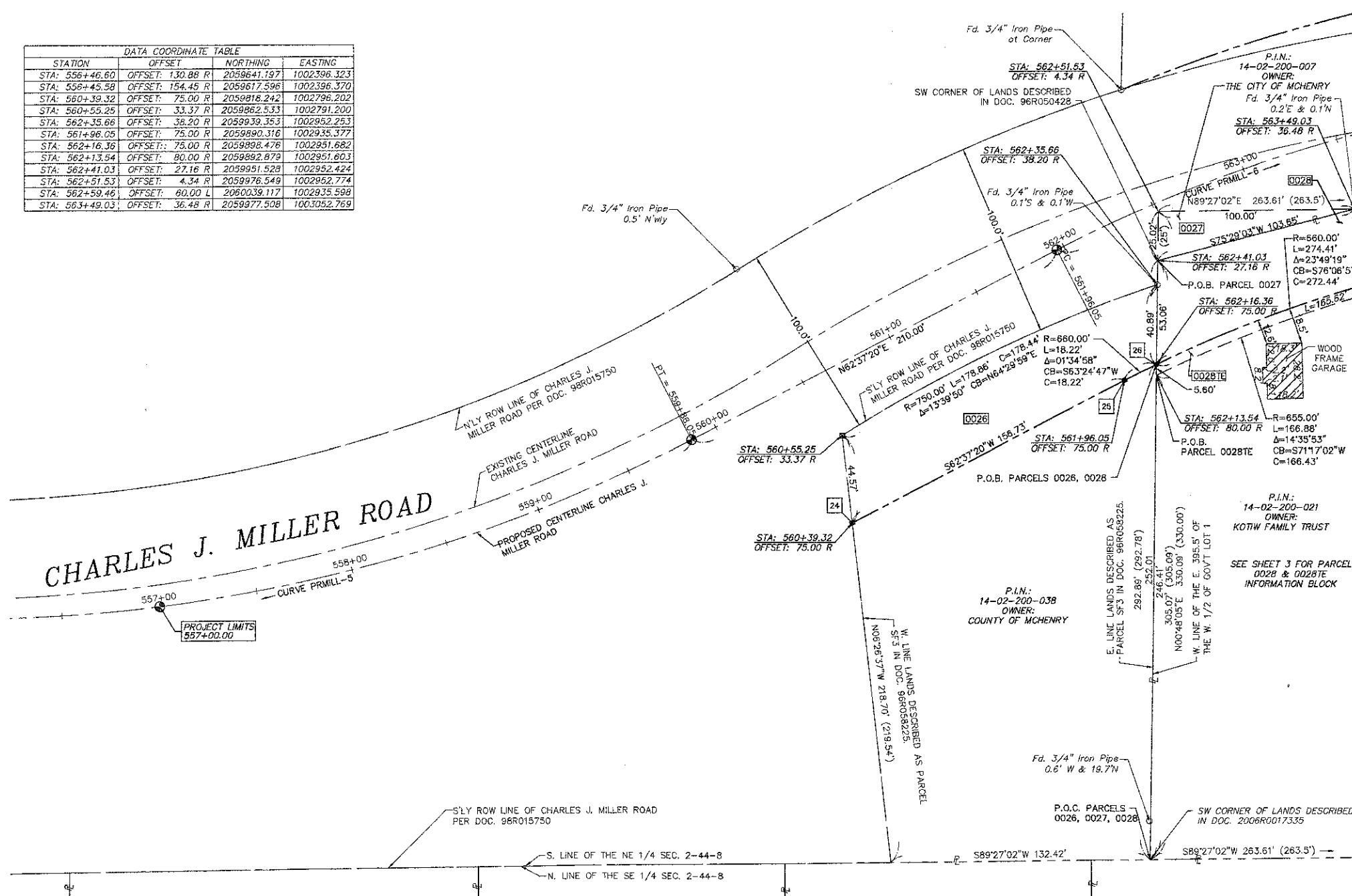
**OMITTED
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	75
CONTRACT NO. 63633				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

STATION	OFFSET	NORTHING	EASTING
STA: 556+46.60	OFFSET: 130.88 R	2059641.197	1002396.323
STA: 556+45.58	OFFSET: 154.45 R	2059617.596	1002396.370
STA: 560+39.32	OFFSET: 75.00 R	2059818.242	1002796.202
STA: 560+55.25	OFFSET: 33.37 R	2059862.533	1002791.200
STA: 562+35.66	OFFSET: 38.20 R	2059939.353	1002952.253
STA: 561+96.05	OFFSET: 75.00 R	2059890.316	1002935.377
STA: 562+16.36	OFFSET: 75.00 R	2059898.476	1002951.682
STA: 562+13.54	OFFSET: 80.00 R	2059892.879	1002951.603
STA: 562+41.03	OFFSET: 27.16 R	2059951.528	1002952.424
STA: 562+51.53	OFFSET: 4.34 R	2059976.549	1002952.774
STA: 562+59.46	OFFSET: 60.00 L	2060039.117	1002935.598
STA: 563+49.03	OFFSET: 36.48 R	2059977.508	1003052.769



LEGEND

SECTION CORNER 9 10 16 15 SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPL APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 MEASURED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20.00 40.00 60.00
 0 10.00 20.00 30.00
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

• T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3

• BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0026	COUNTY OF MCHENRY	0.833	0.173	N/A	0.660	N/A	N/A	N/A	14-02-200-038	-----

CURVE PRMILL-5
 PI STA = 557+98.76
 DELTA = 26°49'38"
 R = 800.00'
 T = 190.79'
 L = 374.58'
 E = 22.44'
 PC STA = 556+11.47
 PT STA = 559+86.05

CURVE PRMILL-6
 PI STA = 563.68.13
 DELTA = 26°49'42"
 R = 735.00'
 T = 175.29'
 L = 344.16'
 E = 20.61'
 PC STA = 561+88.05
 PT STA = 565+40.21

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
24	T1	
	T2	
	T3	
25	T2	
	T3	
28	T1	
	T2	
	T3	

HRGreen
 420 N. Front Street,
 McHenry, IL 60050-2136
 t. 815.385.1778 f. 815.385.1781
 www.hrgreen.com
 Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CHARLES J. MILLER ROAD

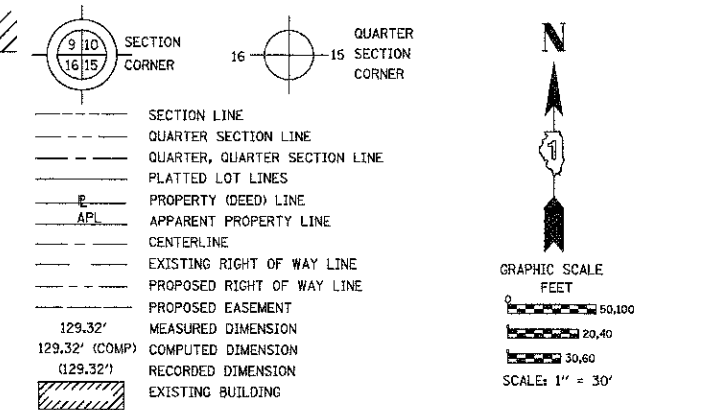
SECTION: 09-00372-00-PW COUNTY: MCHENRY
 PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
 STATION: 556+50 TO STATION: 563+50
 SCALE: 1"=30' SHEET 2 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBOURG, ILLINOIS 60196

Plotted: 08/07/11, 11:33am
 XREF: 08/07/11 - ROW.dwg (08/07/11) - 1-4-10 - Topo.dwg (08/07/11) - ROW-FINAL 08/07/11.dwg
 Images: Photo: 08/07/11 - 31 BY: Inf. aerial: 11/11
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PART OF THE NE 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- TI T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CHARLES J. MILLER ROAD

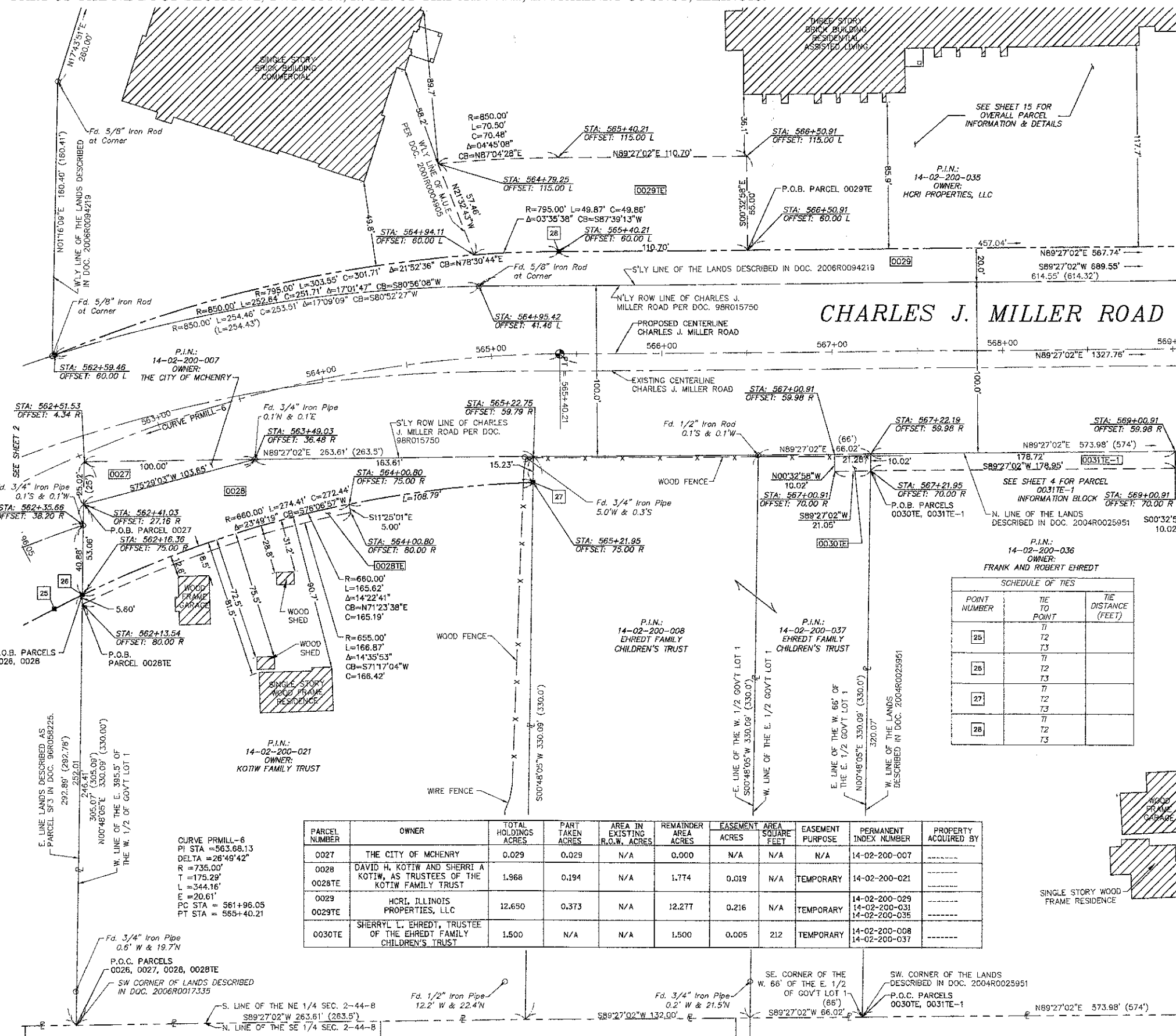
SECTION: 09-00372-00-PW COUNTY: MCHENRY
PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
STATION: 563+50 TO STATION: 569+00
SCALE: 1=30' SHEET 3 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

P.I.N.: 14-02-200-036
OWNER: FRANK AND ROBERT EHREDT

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
25	T1	7.1
	T2	7.3
26	T1	7.1
	T2	7.3
27	T1	7.1
	T2	7.3
28	T1	7.1
	T2	7.3

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0027	THE CITY OF MCHENRY	0.029	0.029	N/A	0.000	N/A	N/A	N/A	14-02-200-007	-----
0028	DAVID H. KOTIW AND SHERRI A KOTIW, AS TRUSTEES OF THE KOTIW FAMILY TRUST	1.968	0.194	N/A	1.774	0.019	N/A	TEMPORARY	14-02-200-021	-----
0029	HCRI, ILLINOIS PROPERTIES, LLC	12.650	0.373	N/A	12.277	0.216	N/A	TEMPORARY	14-02-200-029 14-02-200-031 14-02-200-035	-----
0030TE	SHERRYL L. EHREDT, TRUSTEE OF THE EHREDT FAMILY CHILDREN'S TRUST	1.500	N/A	N/A	1.500	0.005	212	TEMPORARY	14-02-200-008 14-02-200-037	-----



Plotted by: [Name], Printed: Jul 11, 2012 7:53am, Project: Jul 11, 2012 7:53am, File: (2: 090971) Surveying.dwg, (090971) POI-01-MILLER.dwg, Layout: Tab: Miller (6), PLOTTED BY: [Name], PLOTTED DATE: Jul 11, 2012 7:53am, PLOTTER: HP DesignJet 2500, PLOTTER MODEL: HP DesignJet 2500, PLOTTER DRIVER: HP DesignJet 2500, PLOTTER STATUS: OK, PLOTTER OUTPUT FILE: [Name].plotted, PLOTTER OUTPUT FILE SIZE: 1000000 bytes, PLOTTER OUTPUT FILE DATE: Jul 11, 2012 7:53am, PLOTTER OUTPUT FILE TIME: Jul 11, 2012 7:53am, PLOTTER OUTPUT FILE LOCATION: [Name].plotted, PLOTTER OUTPUT FILE SIZE: 1000000 bytes, PLOTTER OUTPUT FILE DATE: Jul 11, 2012 7:53am, PLOTTER OUTPUT FILE TIME: Jul 11, 2012 7:53am, PLOTTER OUTPUT FILE LOCATION: [Name].plotted

PART OF THE NE 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0031TE-1 0031TE-2	FRANK EHREDT AND ROBERT EHREDT	4.348	N/A	N/A	4.348	0.041 0.033	N/A N/A	TEMPORARY TEMPORARY	14-02-200-036	-----
0032TE	SCOTT KNOLL	0.758	N/A	N/A	0.758	0.013	N/A	TEMPORARY	14-02-200-010	-----
0033 0033PE 0033TE-1 0033TE-2	THE CITY OF MCHENRY	19.836	2.332	1.969	17.504	1.092 0.064 1.346	N/A N/A N/A	PERMANENT TEMPORARY TEMPORARY	14-02-200-028	-----

LEGEND

SECTION CORNER
QUARTER CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

129.32'
129.32' (COMP)
(129.32')

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
"MAC" NAIL SET
5 / 8" REBAR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

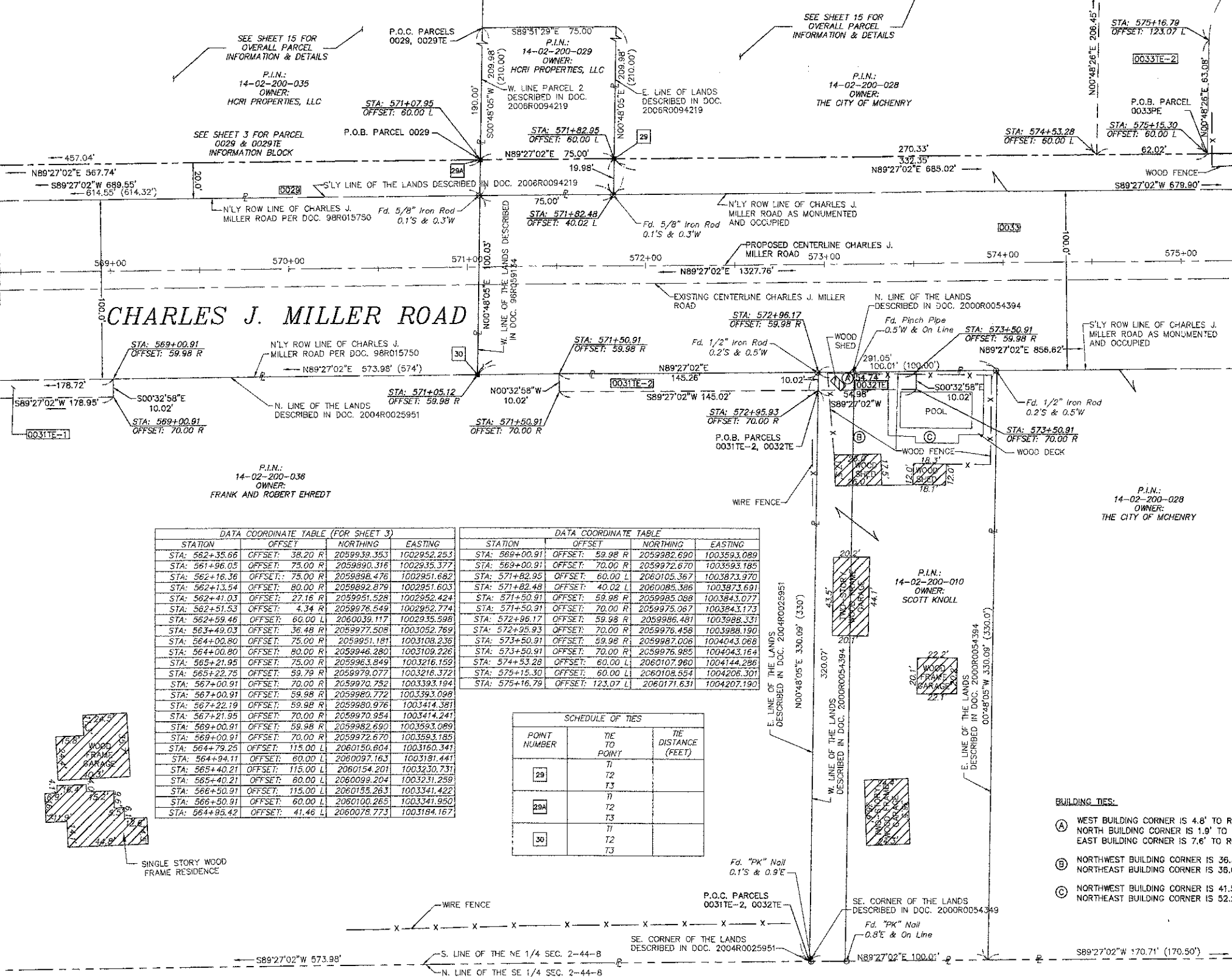
THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)



STATION	OFFSET	NORTHING	EASTING
STA: 562+35.66	OFFSET: 38.20 R	2059939.353	1002952.253
STA: 561+96.05	OFFSET: 75.00 R	2059990.316	1002935.377
STA: 562+16.36	OFFSET: 75.00 R	2059996.476	1002951.682
STA: 562+13.54	OFFSET: 80.00 R	2059992.879	1002951.603
STA: 562+41.03	OFFSET: 27.16 R	2059951.528	1002952.424
STA: 562+51.53	OFFSET: 4.34 R	2059976.549	1002952.774
STA: 562+59.46	OFFSET: 60.00 L	2060039.117	1002935.998
STA: 563+49.03	OFFSET: 36.48 R	2059977.508	1003052.769
STA: 564+00.80	OFFSET: 75.00 R	2059951.181	1003108.236
STA: 564+00.80	OFFSET: 80.00 R	2059946.280	1003109.226
STA: 565+21.95	OFFSET: 75.00 R	2059963.849	1003216.159
STA: 565+22.75	OFFSET: 59.79 R	2059979.077	1003216.372
STA: 567+00.91	OFFSET: 70.00 R	2059970.752	1003393.194
STA: 567+00.91	OFFSET: 59.98 R	2059980.772	1003393.099
STA: 567+22.19	OFFSET: 59.98 R	2059980.976	1003414.381
STA: 567+21.95	OFFSET: 70.00 R	2059970.954	1003414.241
STA: 569+00.91	OFFSET: 59.98 R	2059982.690	1003593.089
STA: 569+00.91	OFFSET: 70.00 R	2059972.670	1003593.185
STA: 564+79.25	OFFSET: 115.00 L	2060150.804	1003160.341
STA: 564+94.11	OFFSET: 60.00 L	2060097.163	1003181.441
STA: 565+40.21	OFFSET: 115.00 L	2060154.201	1003230.731
STA: 565+40.21	OFFSET: 80.00 L	2060099.204	1003231.259
STA: 566+50.91	OFFSET: 115.00 L	2060155.263	1003341.422
STA: 566+50.91	OFFSET: 60.00 L	2060100.265	1003341.950
STA: 564+95.42	OFFSET: 41.46 L	2060078.773	1003184.167

STATION	OFFSET	NORTHING	EASTING
STA: 569+00.91	OFFSET: 59.98 R	2059982.690	1003593.089
STA: 569+00.91	OFFSET: 70.00 R	2059972.670	1003593.185
STA: 571+82.95	OFFSET: 60.00 L	2060105.367	1003873.970
STA: 571+82.48	OFFSET: 40.02 L	2060085.386	1003873.691
STA: 571+50.91	OFFSET: 59.98 R	2059985.088	1003843.077
STA: 571+50.91	OFFSET: 70.00 R	2059975.067	1003843.173
STA: 572+95.17	OFFSET: 59.98 R	2059986.481	1003988.331
STA: 572+95.93	OFFSET: 70.00 R	2059976.458	1003988.190
STA: 573+50.91	OFFSET: 59.98 R	2059987.006	1004043.068
STA: 573+50.91	OFFSET: 70.00 R	2059976.985	1004043.164
STA: 574+53.28	OFFSET: 60.00 L	2060107.960	1004144.286
STA: 575+16.79	OFFSET: 60.00 L	2060108.554	1004206.301
STA: 575+16.79	OFFSET: 123.07 L	2060171.631	1004207.191

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
29	T2	T3
29A	T2	T3
30	T2	T3

Plotted By: [Name], Plotted Date: 11/20/2012, Scale: 1"=30', File Name: [Name], Project: [Name], Job: [Name], Sheet: [Name], Date: [Name], Time: [Name], User: [Name], Title: [Name]

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

420 N. Front Street,
McHenry, IL 60050-2136
t 815.385.1778 f. 815.385.1781
www.hrGreen.com
Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CHARLES J. MILLER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
STATION: 569+00 TO STATION: 575+00
SCALE: 1"=30' SHEET 4 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW 1/4 OF SECTION 1 & NE 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0033 0033PE 0033TE-1 0033TE-2	THE CITY OF MCHENRY	19.836	2.332	1.969	17.504	1.092 0.064 1.346	N/A N/A N/A	PERMANENT TEMPORARY TEMPORARY	4-02-200-028	
0034TE	JULIE L. WHITE AND JAMES D. GALTO	1.001	N/A	N/A	1.001	0.061	N/A	TEMPORARY	4-02-200-013	

LEGEND

SECTION CORNER 16 SECTION CORNER 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

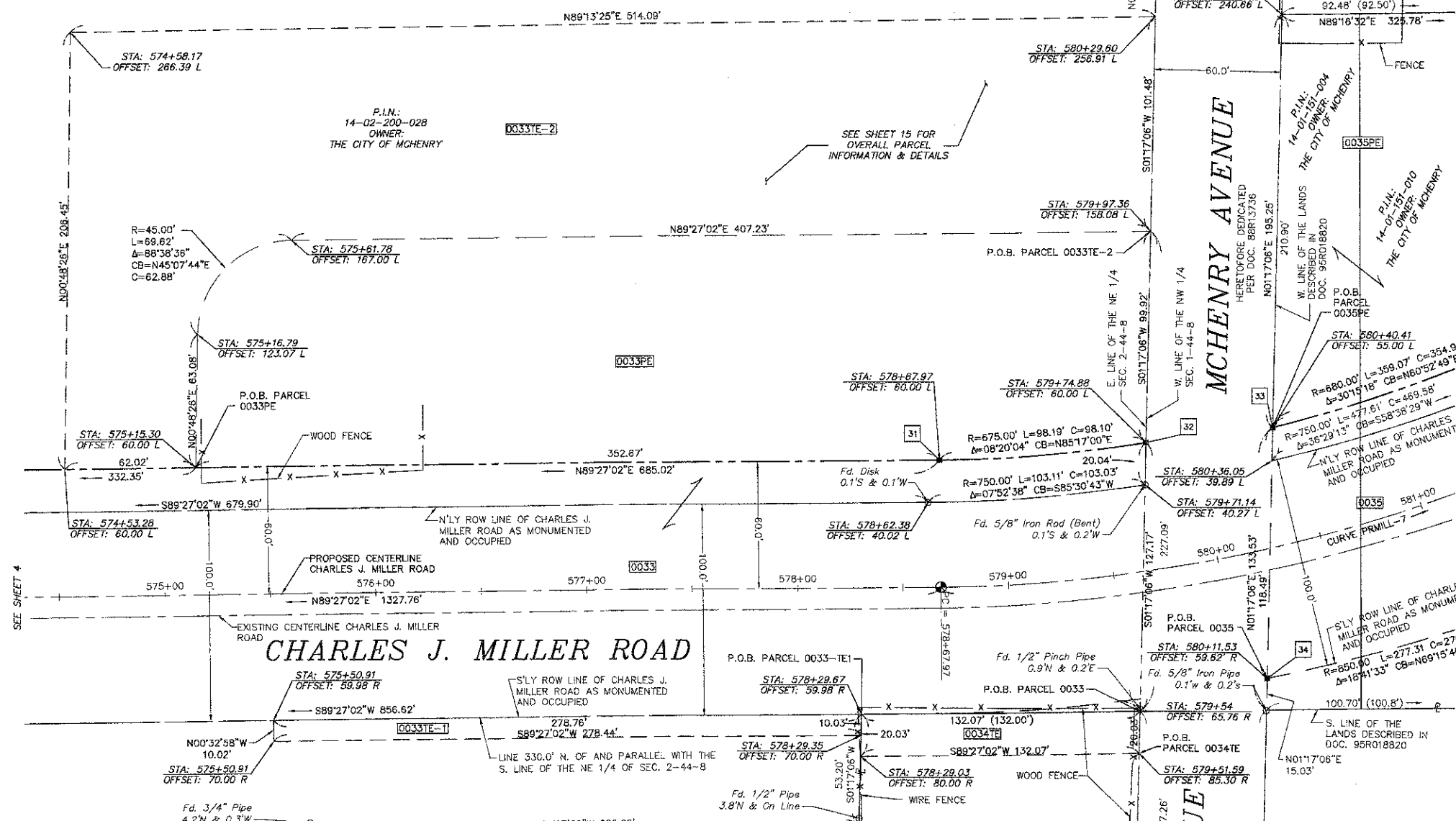
HRGreen
 420 N. Front Street,
 McHenry, IL 60050-2136
 t. 815.385.1778 f. 815.385.1781
 www.hrgreen.com
 Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CHARLES J. MILLER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
 PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
 STATION: 575+00 TO STATION: 581+00
 SCALE: 1"=30' SHEET 5 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196



P.I.N.: 14-02-200-028
 OWNER: THE CITY OF MCHENRY

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
31	T2	
32	T2	
33	T2	
34	T2	

STATION	OFFSET	NORTHING	EASTING
STA: 574+53.28	OFFSET: 60.00 L	2060107.960	1004144.286
STA: 575+15.30	OFFSET: 60.00 L	2060108.554	1004206.301
STA: 574+58.17	OFFSET: 266.39 L	2060314.386	1004147.195
STA: 575+16.79	OFFSET: 123.07 L	2060171.631	1004207.190
STA: 575+61.78	OFFSET: 167.00 L	2060215.995	1004251.754
STA: 575+50.91	OFFSET: 59.98 R	2059988.924	1004243.059
STA: 575+50.91	OFFSET: 70.00 R	2059978.903	1004243.155
STA: 578+29.67	OFFSET: 59.98 R	2059991.598	1004521.809
STA: 578+29.35	OFFSET: 70.00 R	2059981.573	1004521.584
STA: 578+29.03	OFFSET: 80.00 R	2059971.570	1004521.360
STA: 578+62.38	OFFSET: 40.02 L	2060091.907	1004553.557
STA: 578+67.97	OFFSET: 60.00 L	2060111.936	1004558.954
STA: 579+97.36	OFFSET: 158.08 L	2060219.900	1004658.963
STA: 579+71.14	OFFSET: 59.98 R	2060098.989	1004656.273
STA: 579+54.00	OFFSET: 65.76 R	2059992.864	1004653.871
STA: 579+51.59	OFFSET: 85.30 R	2059972.837	1004653.421
STA: 579+74.88	OFFSET: 60.00 L	2060120.003	1004656.722
STA: 580+11.53	OFFSET: 59.62 R	2060008.615	1004714.239
STA: 580+29.60	OFFSET: 256.91 L	2060321.352	1004661.238
STA: 580+36.05	OFFSET: 39.89 L	2060111.435	1004716.545
STA: 580+40.41	OFFSET: 55.00 L	2060127.081	1004716.896
STA: 580+40.41	OFFSET: 55.00 L	2060127.081	1004716.896
STA: 581+17.04	OFFSET: 240.66 L	2060322.278	1004721.274

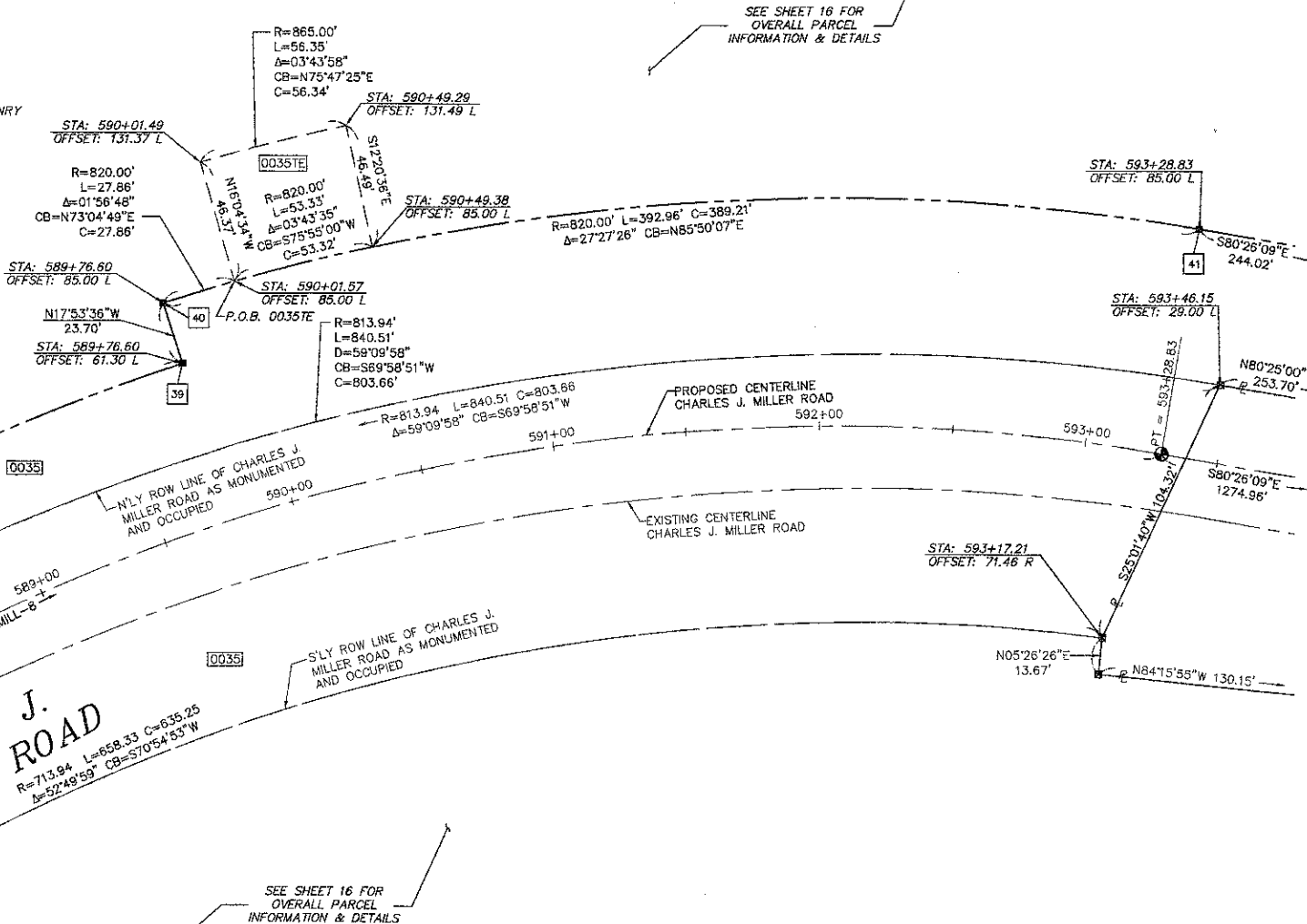
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PART OF THE NW 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

POINT #	STATION	OFFSET	NORTHING	EASTING
133	STA: 585+92.82	OFFSET: 64.70 R	2060326.687	1005228.188
138	STA: 586+14.20	OFFSET: 85.00 R	2060329.059	1005257.640
138	STA: 593+17.21	OFFSET: 71.46 R	2060536.398	1005828.504
139	STA: 589+76.60	OFFSET: 61.30 L	2060638.206	1005483.952
140	STA: 589+76.60	OFFSET: 85.00 L	2060660.756	1005476.671
141	STA: 590+01.57	OFFSET: 85.00 L	2060668.864	1005503.326
142	STA: 590+01.49	OFFSET: 131.37 L	2060713.419	1005490.485
143	STA: 590+49.29	OFFSET: 131.49 L	2060727.250	1005545.106
144	STA: 590+49.38	OFFSET: 85.00 L	2060681.839	1005555.043
145	STA: 593+28.83	OFFSET: 85.00 L	2060689.021	1005864.854
146	STA: 593+46.15	OFFSET: 29.00 L	2060630.922	1005872.637

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
39	T2	
	T3	
40	T2	
	T3	
41	T2	
	T3	

P.I.N.: 14-01-151-015
OWNER: THE CITY OF MCHENRY



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 20.00 40.00 60.00
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- T1
- T2
- T3
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, C.W.E., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____ HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

420 N. Front Street,
McHenry, IL 60050-2136
T. 815.385.1778 F. 815.385.1781
www.hrgreen.com
Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CHARLES J. MILLER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
STATION: 588+00 TO STATION: 593+50
SCALE: 1"=30' SHEET 7 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0035	THE CITY OF MCHENRY	23.891	4.206	3.102	19.685	0.913	N/A	14-01-151-004	
0035PE								14-01-151-010	
0035TE								14-01-151-011	

SECTION: _____
REVISION DATE: 3/16/2012
REVISION: _____

Plotted By: shahar, Plotted On: 11/11/2012, 7:34am
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 Comp. File: (Z:\090071\01\Surveying\Jwg\090071-PW-01-MILLER.dwg)

PART OF THE NW 1/4 SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0037	THEODORE JOHNSTON II	0.063	0.063	N/A	0.000	N/A	N/A		14-01-126-040	
0038	JOHN ZAJICEK	0.309	0.309	N/A	0.000	N/A	N/A		14-01-126-026	

SCHEDULE OF TIES		
POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
43	T1	71
43	T2	71
43	T3	71
44	T1	71
44	T2	71
44	T3	71
45A	T1	71
45A	T2	71
45A	T3	71
45B	T1	71
45B	T2	71
45B	T3	71
46	T1	71
46	T2	71
46	T3	71
47	T1	71
47	T2	71
47	T3	71
48	T1	71
48	T2	71
48	T3	71
49	T1	71
49	T2	71
49	T3	71
50	T1	71
50	T2	71
50	T3	71

LEGEND

SECTION CORNER 16 SECTION CORNER 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 129.32' (129.32') COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 0 50.00
 20.00
 30.00
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

• T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 • T2
 • T3

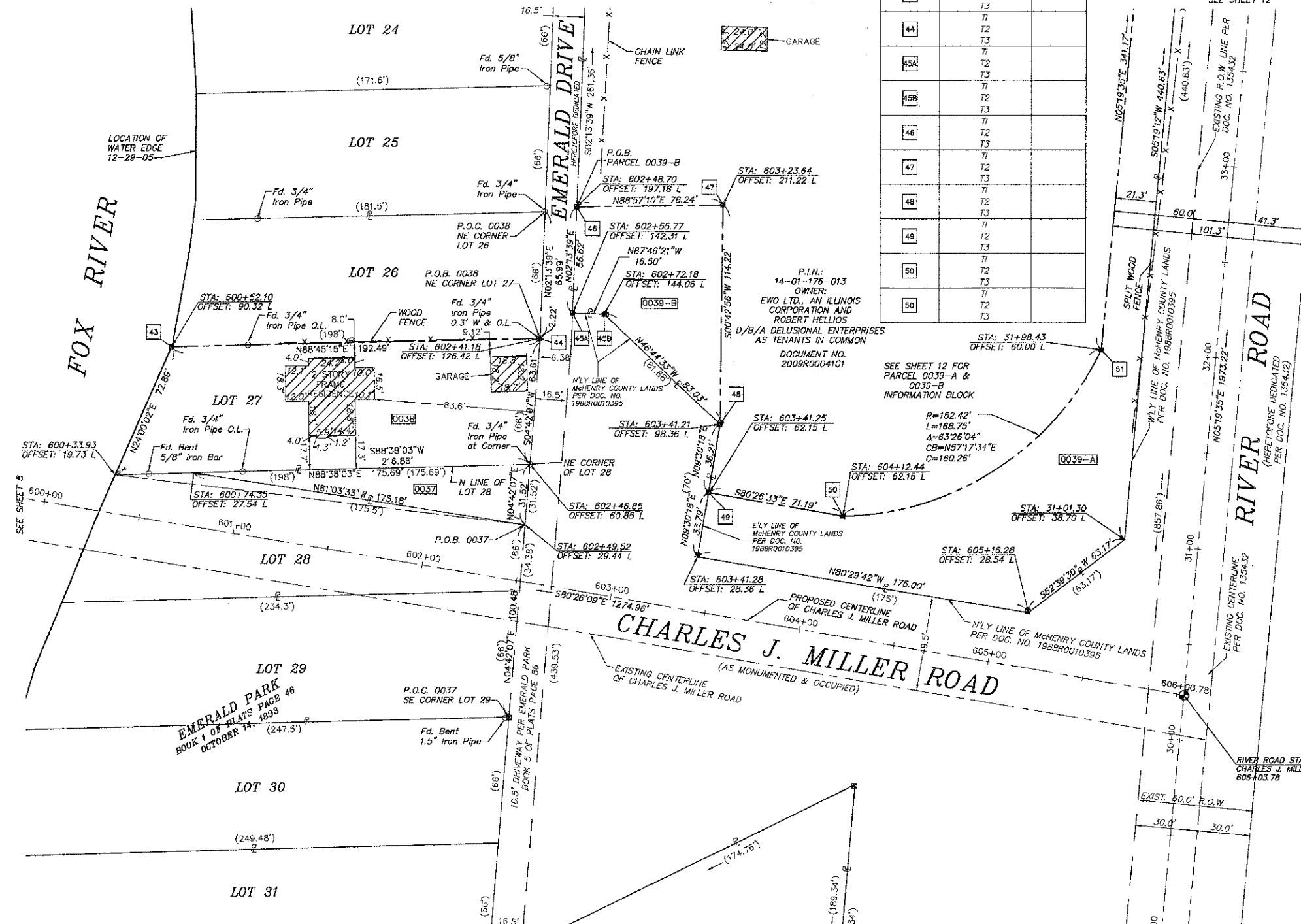
• BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 • BT2
 • BT3

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET



DATA COORDINATE TABLE				
POINT #	STATION	OFFSET	NORTHING	EASTING
149	STA: 600+52.10	OFFSET: 90.32 L	2060574.096	1006578.958
150	STA: 602+41.18	OFFSET: 126.42 L	2060578.281	1006771.405
151	STA: 602+64.95	OFFSET: 200.22 L	2060647.106	1006807.107
152	STA: 602+72.18	OFFSET: 144.06 L	2060590.527	1006804.906
153	STA: 602+75.56	OFFSET: 144.35 L	2060590.247	1006808.285
154	STA: 603+23.64	OFFSET: 211.22 L	2060648.198	1006866.812
155	STA: 603+43.67	OFFSET: 98.90 L	2060534.116	1006867.897
156	STA: 603+43.69	OFFSET: 62.15 L	2060497.870	1006861.815
158	STA: 603+43.31	OFFSET: 28.90 L	2060465.081	1006856.314
159	STA: 604+12.44	OFFSET: 62.16 L	2060486.456	1006929.607
160	STA: 605+18.71	OFFSET: 29.02 L	2060436.122	1007028.901
161	STA: 31+01.59	OFFSET: 36.23 L	2060474.421	1007079.137
162	STA: 31+98.43	OFFSET: 60.00 L	2060573.053	1007064.459

STATE OF ILLINOIS)
 COUNTY OF)SS

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, OWE, _____, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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 Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CHARLES J. MILLER ROAD

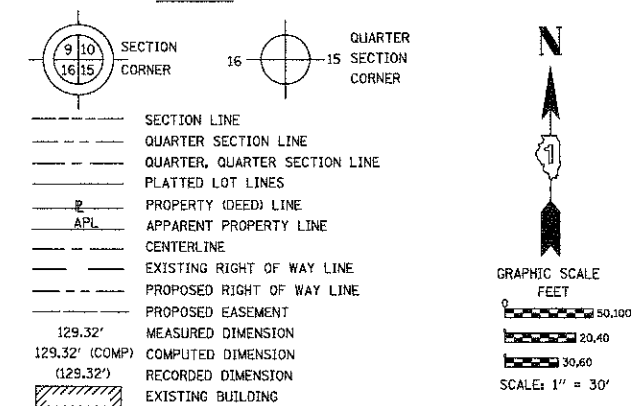
SECTION: 09-00372-00-PW COUNTY: MCHENRY
 PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
 STATION: 600+00 TO STATION: 606+03.78
 SCALE: 1"=30' SHEET 9 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

Plotted by: [Name], Date: [Date], Scale: 1"=30', Plot Size: 24x36, Plot Date: [Date], Plot Time: [Time], Plot User: [Name], Plot Title: [Title], Plot Path: [Path], Plot Status: [Status], Plot Comments: [Comments]

PART OF THE NW 1/4 & NE 1/4 & SW 1/4 & SE 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



- Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.
- IRON PIPE OR ROD FOUND ⊙ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2
 - T3
 - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT2
 - BT3
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF JSS)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



420 N. Front Street,
 McHenry, IL 60050-2136
 t. 815.385.1778 f. 815.385.1781
 www.hrgreen.com
 Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 RIVER ROAD

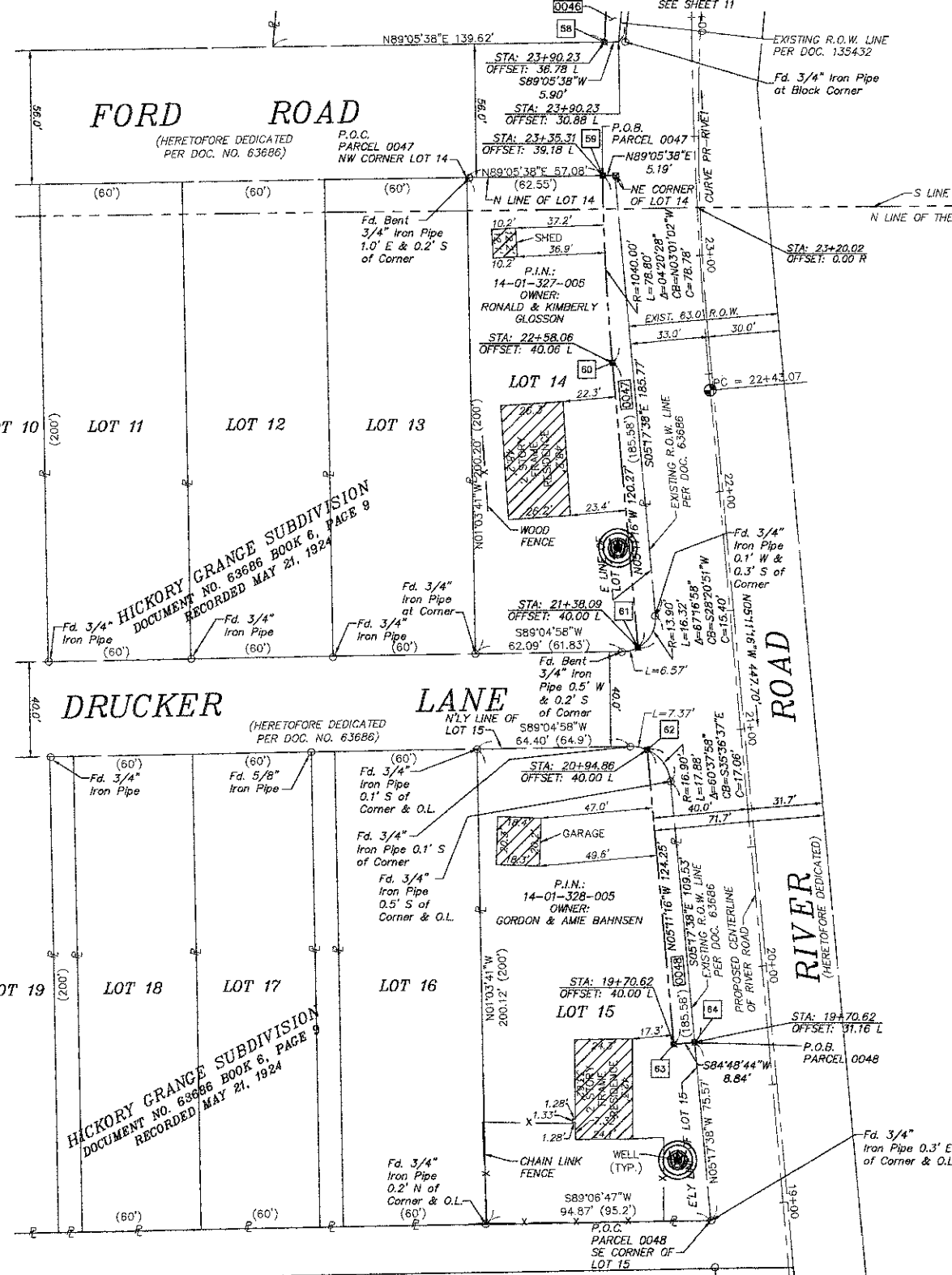
SECTION: 09-00372-00-PW COUNTY: MCHENRY
 PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
 STATION: 19+00 TO STATION: 24+00
 SCALE: 1"=30' SHEET 10 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
58	T2	
	T3	
59	T2	
	T3	
60	T2	
	T3	
61	T2	
	T3	
62	T2	
	T3	
63	T2	
	T3	
64	T2	
	T3	

STATION	OFFSET	NORTHING	EASTING
STA: 23+90.23	OFFSET: 28.65 L	2059761.607	1007032.593
STA: 23+90.24	OFFSET: 36.78 L	2059761.478	1007024.455
STA: 23+35.16	OFFSET: 33.99 L	2059705.542	1007028.968
STA: 23+35.31	OFFSET: 39.18 L	2059705.460	1007023.774
STA: 21+50.93	OFFSET: 31.49 L	2059520.568	1007046.108
STA: 21+38.09	OFFSET: 40.00 L	2059507.013	1007038.795
STA: 22+58.06	OFFSET: 40.06 L	2059626.789	1007027.921
STA: 20+94.86	OFFSET: 40.00 L	2059463.963	1007042.704
STA: 20+80.15	OFFSET: 31.36 L	2059450.092	1007052.638
STA: 19+70.62	OFFSET: 40.00 L	2059340.227	1007053.938
STA: 19+70.62	OFFSET: 31.16 L	2059341.026	1007062.744

CURVE PRRIVE-1
 PI STA = 24+26.58
 DELTA = 10°30'51"
 R = 2000.00'
 T = 184.02'
 L = 367.02'
 E = 8.45'
 PC STA = 22+43.07
 PT STA = 26+10.08

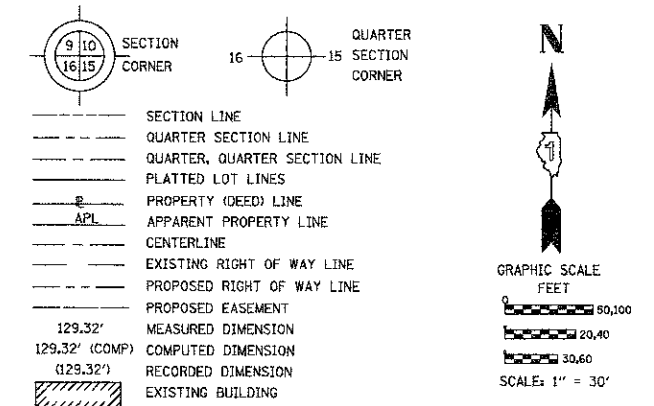


PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0047	RONALD M. GLOSSON AND KIMBERLY J. GLOSSON AS TENANTS BY THE ENTIRETY	0.319	0.036	N/A	0.283	N/A	N/A	N/A	14-01-327-005	-----
0048	GORDON W. BAHNSEN AND AMIE K. BAHNSEN AS TENANTS IN COMMON	0.401	0.024	N/A	0.377	N/A	N/A	N/A	14-01-328-005	-----

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PART OF THE NW 1/4 & NE 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

• T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 • T2
 • T3

• BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 • BT2
 • BT3

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) ISS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 RIVER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
 PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
 STATION: 24+00 TO STATION: 29+00
 SCALE: 1=30' SHEET 11 OF 16

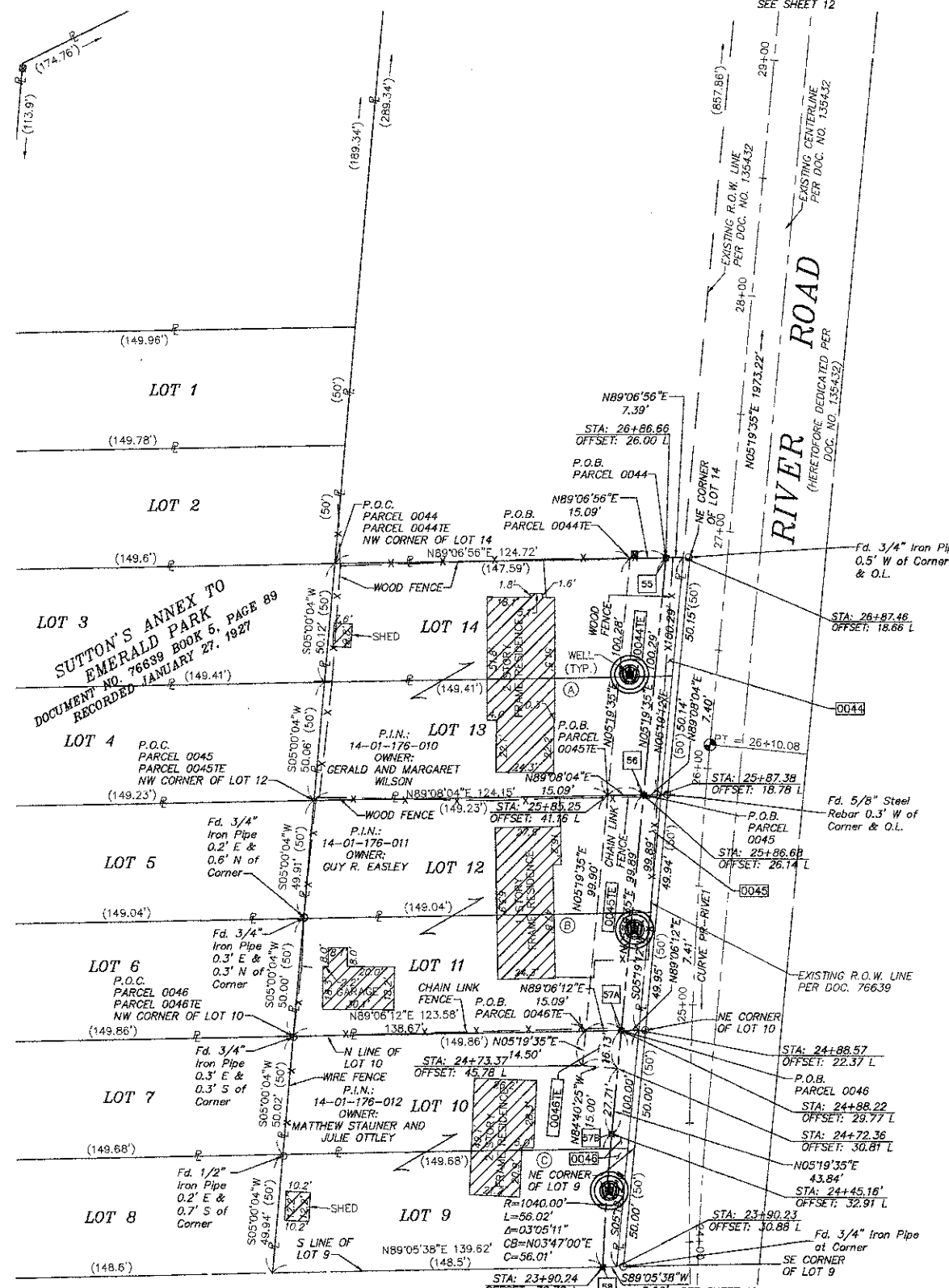
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
55	T1	
	T2	
	T3	
56	T1	
	T2	
	T3	
57A	T1	
	T2	
	T3	
57B	T1	
	T2	
	T3	
58	T1	
	T2	
	T3	

STATION	OFFSET	NORTHING	EASTING
STA: 26+87.71	OFFSET: 16.33 L	2060060.485	1007060.531
STA: 26+86.66	OFFSET: 26.00 L	2060060.335	1007050.804
STA: 26+85.03	OFFSET: 41.00 L	2060060.102	1007035.717
STA: 25+87.60	OFFSET: 16.48 L	2059960.829	1007051.197
STA: 25+86.68	OFFSET: 26.14 L	2059960.482	1007041.494
STA: 25+85.25	OFFSET: 41.16 L	2059960.254	1007026.408
STA: 24+88.67	OFFSET: 20.10 L	2059861.172	1007041.900
STA: 24+88.22	OFFSET: 29.77 L	2059861.021	1007032.221
STA: 24+87.51	OFFSET: 44.84 L	2059860.785	1007017.134
STA: 24+87.36	OFFSET: 30.81 L	2059844.958	1007030.723
STA: 24+73.37	OFFSET: 45.78 L	2059846.350	1007015.788
STA: 24+43.16	OFFSET: 32.91 L	2059817.370	1007028.151
STA: 23+90.23	OFFSET: 28.65 L	2059761.607	1007032.593
STA: 23+90.24	OFFSET: 36.78 L	2059761.478	1007024.455

CURVE PRVIVE-1
 PI STA = 24+26.58
 DELTA = 10°30'51"
 R = 2000.00'
 T = 184.02'
 L = 367.02'
 E = 8.45'
 PC STA = 22+43.07
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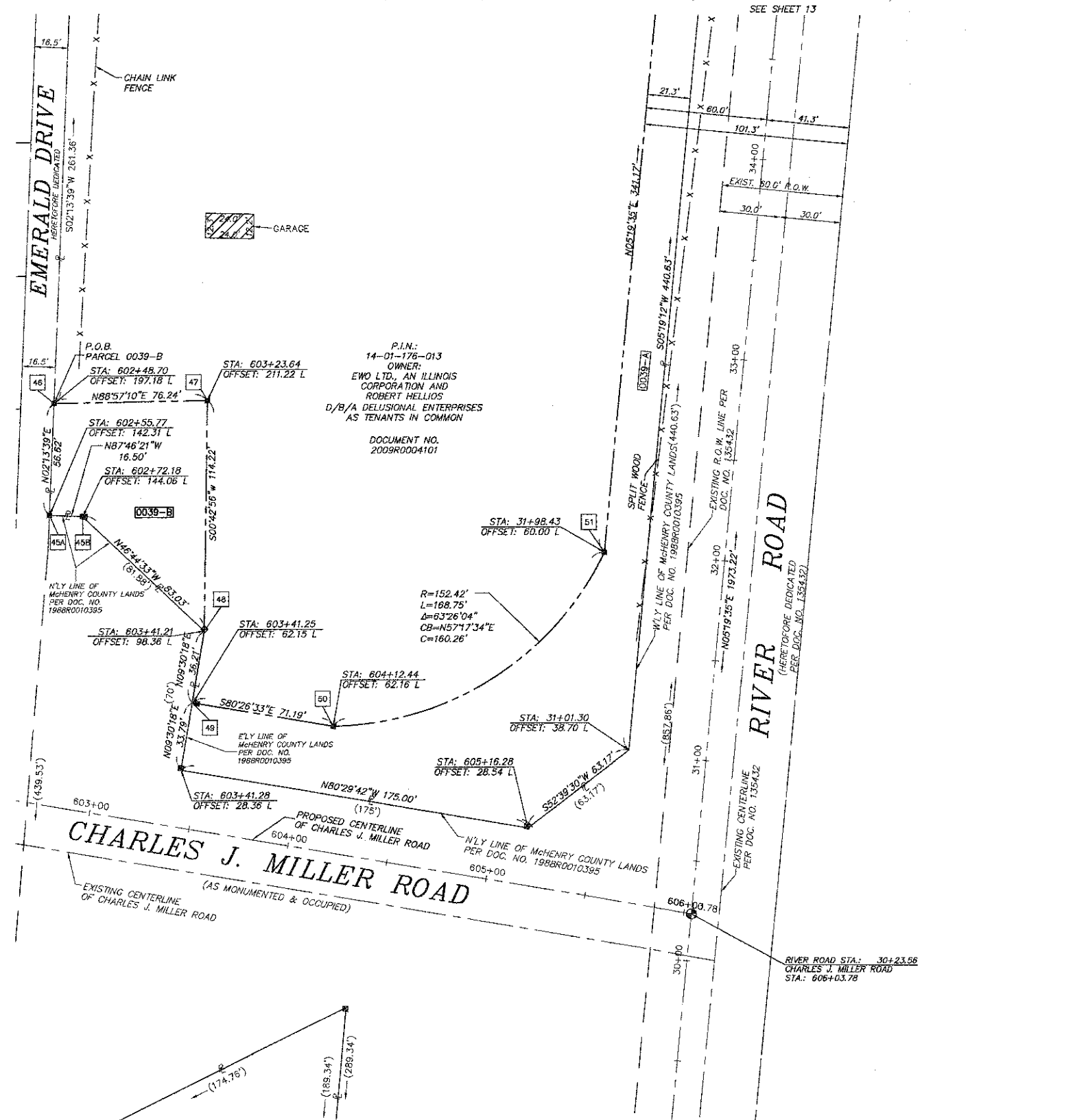
- BUILDING TIES:
- (A) NORTHEAST BUILDING CORNER IS 45.2' TO ROW & 30.2' TO TE
 SOUTHEAST BUILDING CORNER IS 38.8' TO ROW & 23.8' TO TE
 - (B) NORTHEAST BUILDING CORNER IS 33.7' TO ROW & 18.7' TO TE
 SOUTHEAST BUILDING CORNER IS 29.9' TO ROW & 14.9' TO TE
 - (C) NORTHEAST BUILDING CORNER IS 33.7' TO ROW
 SOUTHEAST BUILDING CORNER IS 36.7' TO ROW



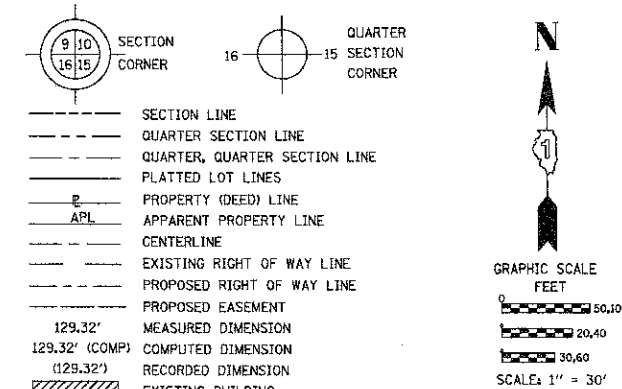
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0044 0044TE	GERALD L. WILSON AND MARGARET WILSON IN JOINT TENANCY	0.336	0.017	N/A	0.320	N/A	N/A	14-01-176-010	-----
0045 0045TE	GUY R. EASLEY	0.334	0.017	N/A	0.317	N/A	N/A	14-01-176-011	-----
0046 0046TE	MATTHEW STAUNER AND JULIE OTTLEY IN JOINT TENANCY	0.333	0.016	N/A	0.317	N/A	N/A	14-01-176-012	-----

Printed by: shawna, Photo: J. L. 2012, 7:36am, File: \\s:\projects\11-2012\11-2012-00071.dwg, Comp. File: (Z:\090071_01\Surveying\Jaw\090071-P01-DT-RIVER.dwg), Layout: Top-RIVER (2).

PART OF THE NW 1/4 & NE 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) JSS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRANDED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



420 N. Front Street,
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 T. 815.385.1778 F. 815.385.1781
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 Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 RIVER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
 PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
 STATION: 29+00 TO STATION: 34+50
 SCALE: 1=30' SHEET 12 OF 16

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

SCHEDULE OF TIES

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
45	T1	
	T2	
	T3	
46	T1	
	T2	
	T3	
47	T1	
	T2	
	T3	
48	T1	
	T2	
	T3	
49	T1	
	T2	
	T3	
50	T1	
	T2	
	T3	
51	T1	
	T2	
	T3	

DATA COORDINATE TABLE

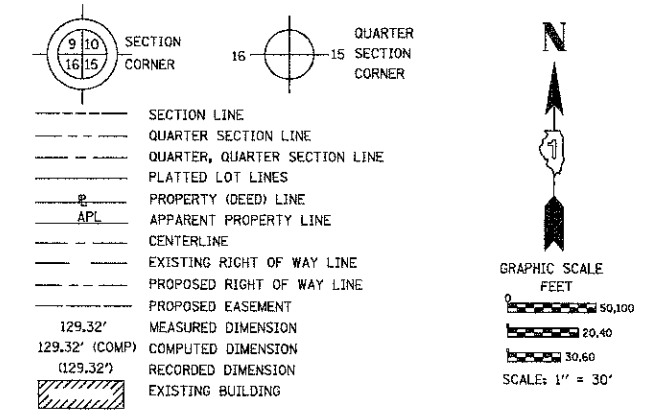
STATION	OFFSET	NORTHING	EASTING
STA: 602+64.95	OFFSET: 200.22 L	2060647.106	1006807.107
STA: 602+72.18	OFFSET: 144.06 L	2060590.527	1006804.906
STA: 602+75.56	OFFSET: 144.35 L	2060590.247	1006808.285
STA: 603+23.64	OFFSET: 211.22 L	2060648.198	1006866.872
STA: 603+43.67	OFFSET: 98.90 L	2060534.118	1006867.897
STA: 603+43.69	OFFSET: 62.15 L	2060497.870	1006861.815
STA: 603+43.31	OFFSET: 28.90 L	2060465.081	1006856.314
STA: 604+12.44	OFFSET: 62.16 L	2060486.456	1006929.607
STA: 605+18.71	OFFSET: 29.02 L	2060436.122	1007028.801
STA: 31+01.59	OFFSET: 36.23 L	2060474.421	1007079.137
STA: 31+98.43	OFFSET: 60.00 L	2060573.053	1007064.459

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0039-A 0039-B	EWO LTD., AN ILLINOIS CORPORATION AND ROBERT HELLIOS D/B/A DELUSIONAL ENTERPRISES AS TENANTS IN COMMON	3.001	A=0.466 B=0.140	N/A	2.395	N/A	N/A	N/A	14-01-176-013	

Plotted: D:\projects\Projects\11_2012_7_31\m...
 Xrefs: 090071-R0W.dwg; 090071-R0W-FINAL_080711.dwg
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 Comp. File: (Z:\090071.dwg) Surveying\dwg\090071-FCH-DT-RIVER.dwg; Layout: Tab: RIVER (3)

PART OF THE NW 1/4 & NE 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



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- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
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- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
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STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

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NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

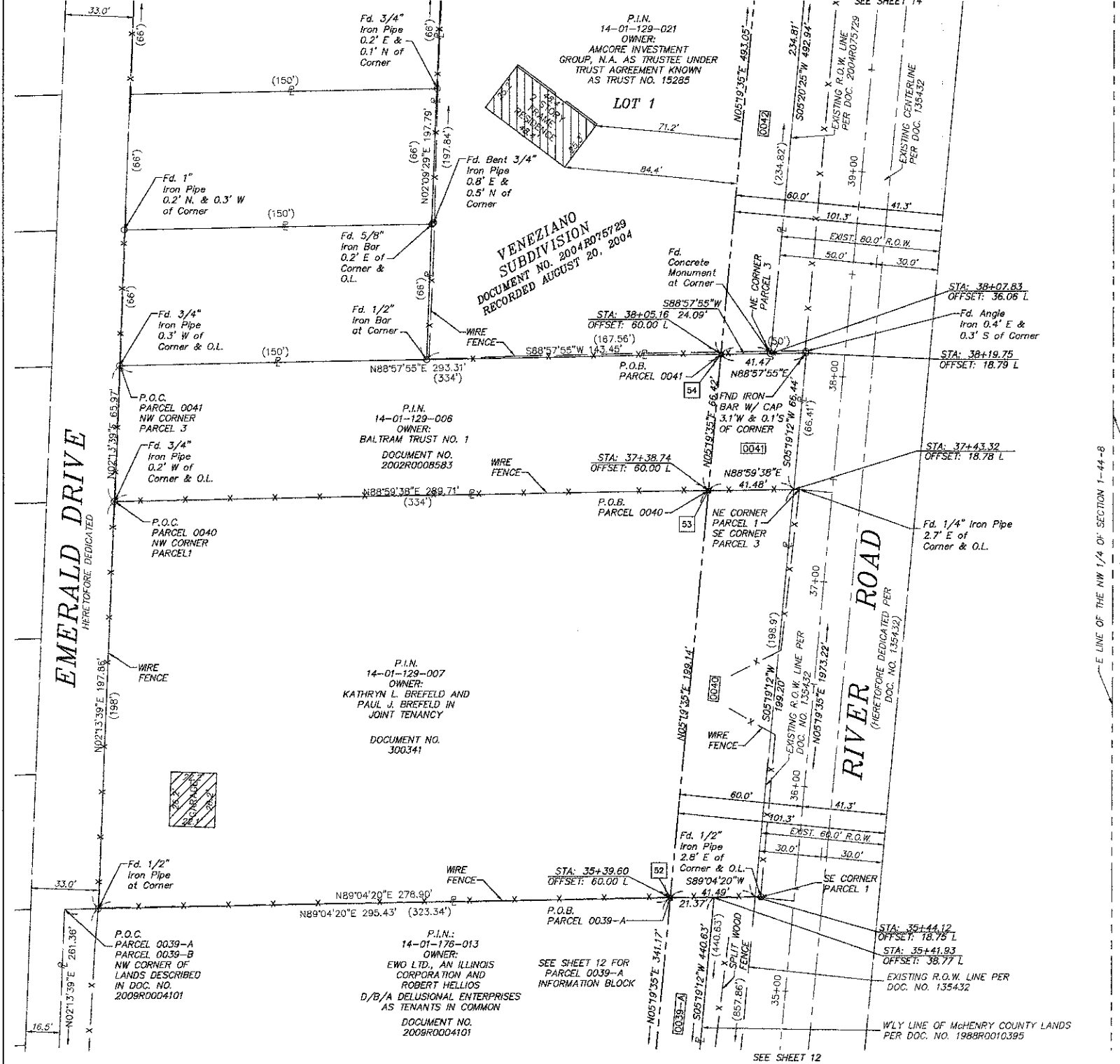
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RIVER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
STATION: 34+50 TO STATION: 39+50
SCALE: 1=30' SHEET 13 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
52	T2	
	T3	
53	T1	
	T2	
	T3	
54	T1	
	T2	
	T3	

STATION	OFFSET	NORTHING	EASTING
STA: 35+39.60	OFFSET: 60.00 L	2060912.750	1007096.130
STA: 35+42.22	OFFSET: 36.12 L	2060913.138	1007120.145
STA: 35+44.41	OFFSET: 16.12 L	2060913.464	1007140.262
STA: 37+38.74	OFFSET: 60.00 L	2061111.033	1007114.617
STA: 37+43.62	OFFSET: 16.08 L	2061111.809	1007158.802
STA: 38+05.16	OFFSET: 60.00 L	2061177.162	1007120.782
STA: 38+07.83	OFFSET: 36.08 L	2061177.597	1007144.864
STA: 38+10.06	OFFSET: 16.06 L	2061177.960	1007164.986



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0040	KATHRYN L. BREFFELD AND PAUL J. BREFFELD IN JOINT TENANCY	1.479	0.189	N/A	1.290	N/A	N/A	N/A	14-01-129-007	
0041	BALTRAM TRUST NO. 1	0.504	0.063	N/A	0.441	N/A	N/A	N/A	14-01-129-006	
0042	AMCORE INVESTMENT GROUP, N.A. AS TRUSTEE UNDER TRUST AGREEMENT KNOWN AS TRUST NO. 15285	2.265	0.272	N/A	1.993	N/A	N/A	N/A	14-01-129-020 14-01-129-021	

SECTION: _____

REVISION DATE: 3/16/2012

REVISION: _____

MADE BY: MRJ

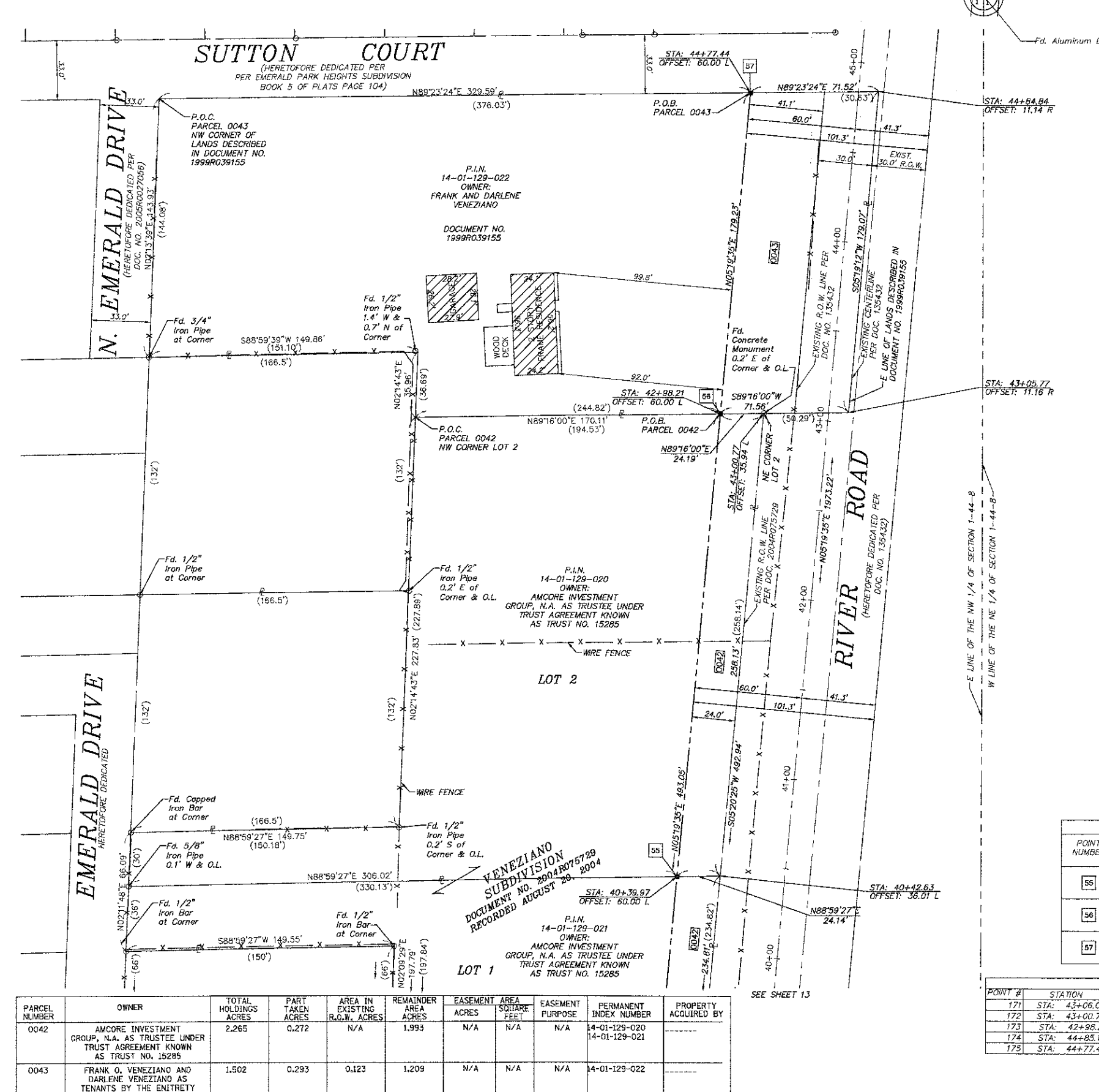
ROUTE NAME: FAU 3860-CHARLES J. MILLER RD 09-00372-00-PW COUNTY: MCHENRY JOB NO.: R-91-020-06

RECORDING: RECORDED ON CONTRACT NO. 03033

SHEET 87 OF 252

Plotted by: bellera, Plothead: Jul 11, 2012, 7:34am.
 Revisions: 1-10/11/12 by: bellera, Plothead: Jul 11, 2012, 7:34am.
 Comp. File (Z:\09\0071\01\Surveying\09\0071-01-RIVER.001.dwg) Layout: tab:RIVER (4).

PART OF THE NW 1/4 & NE 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- 129.32' (129.32') COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 20.00 40.00 60.00
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____ TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SCHEDULE OF TIES

POINT NUMBER	TIE TO POINT	TIE DISTANCE (FEET)
55	T1	
	T2	
	T3	
56	T1	
	T2	
	T3	
57	T1	
	T2	
	T3	

DATA COORDINATE TABLE

POINT #	STATION	OFFSET	NORTHING	EASTING
171	STA: 43+06.07	OFFSET: 14.06 R	2061669.040	1007241.020
172	STA: 43+00.77	OFFSET: 35.94 L	2061668.397	1007190.741
173	STA: 42+98.21	OFFSET: 60.00 L	2061668.087	1007166.553
174	STA: 44+85.15	OFFSET: 14.10 R	2061847.337	1007257.686
175	STA: 44+77.44	OFFSET: 60.00 L	2061846.543	1007183.191

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0042	AMCORE INVESTMENT GROUP, N.A. AS TRUSTEE UNDER TRUST AGREEMENT KNOWN AS TRUST NO. 15285	2.265	0.272	N/A	1.993	N/A	N/A	14-01-129-020 14-01-129-021	
0043	FRANK O. VENEZIANO AND DARLENE VENEZIANO AS TENANTS BY THE ENTIRETY	1.502	0.293	0.123	1.209	N/A	N/A	14-01-129-022	

HRGreen
420 N. Front Street,
McHenry, IL 60050-2136
T 815.385.1778 F 815.385.1781
www.hrgreen.com
Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

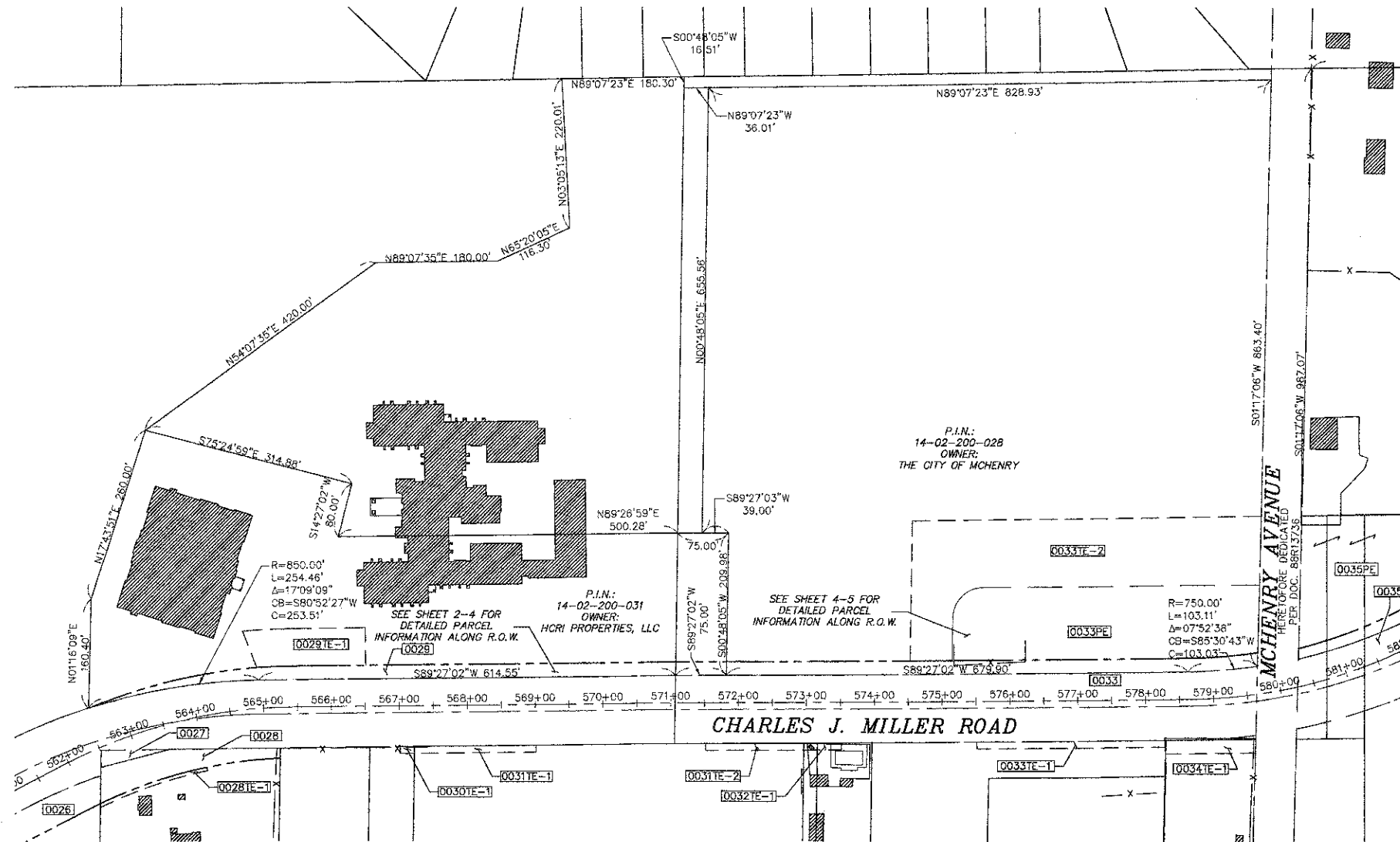
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RIVER ROAD

SECTION: 09-00372-00-PW COUNTY: MCHENRY
PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
STATION: 39+50 TO STATION: 45+00
SCALE: 1=30' SHEET 14 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

Plotted By: hshelton, PLS: hshelton, 3/11/2012, 7:54am
Xref: 09-00372-00-PW.dwg (09-00372-00-PW-FRNL_080711.dwg)
Images: Photoaid.rvt (3) BY: hshelton, 3/11/2012, 7:54am
Comp: Plt (2) (09-00372-00-PW.dwg) (09-00372-00-PW-FRNL_080711.dwg)

PART OF THE NW 1/4 OF SECTION 2, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 50.00
20.00
30.00
SCALE: 1" = 100'

STATE OF ILLINOIS)
COUNTY OF)

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

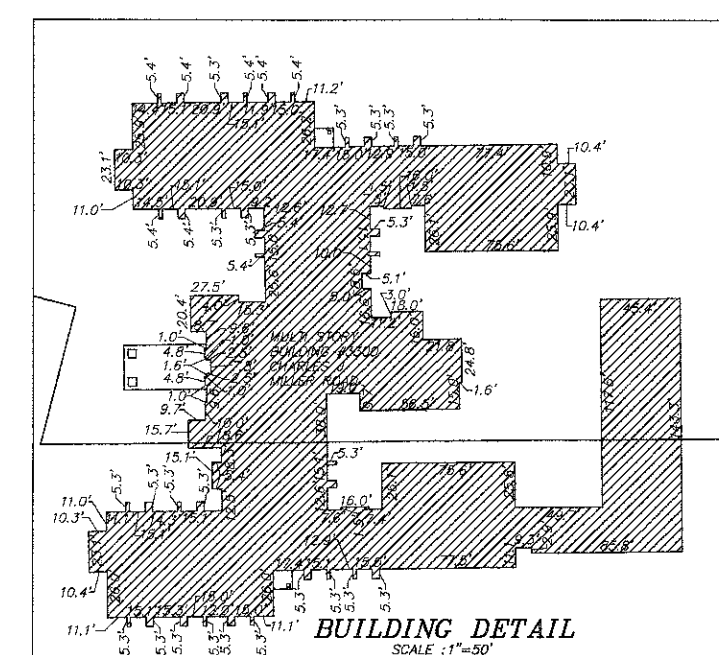
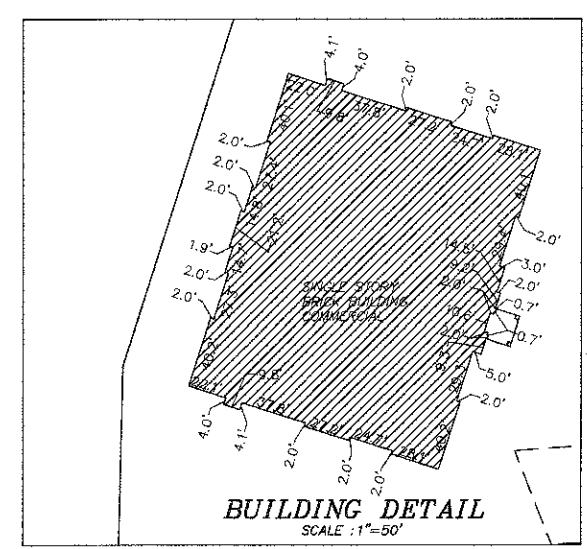
THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____, TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

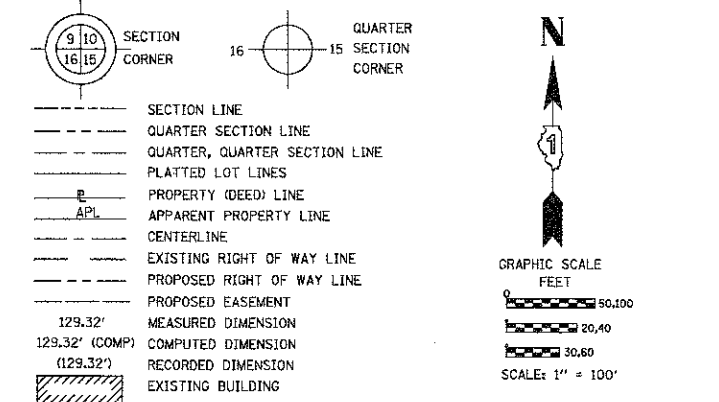
HRGreen
420 N. Front Street,
McHenry, IL 60050-2136
t. 815.385.1778 f. 815.385.1781
www.hrgreen.com
Illinois Professional Design Firm # 184-001322



Plotted By: [Name], Plotted At: 11, 2012, - 7:35am.
Image Photo: [Name], Image Photo: [Name], Image Photo: [Name].
Comp. File: [Name].

PART OF THE NE 1/4 OF SECTION 1, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, _____, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, _____ AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER _____) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION _____, TOWNSHIP _____ NORTH, RANGE _____ EAST OF THE THIRD PRINCIPAL MERIDIAN, _____ COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS _____ DAY OF _____ 20 ____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

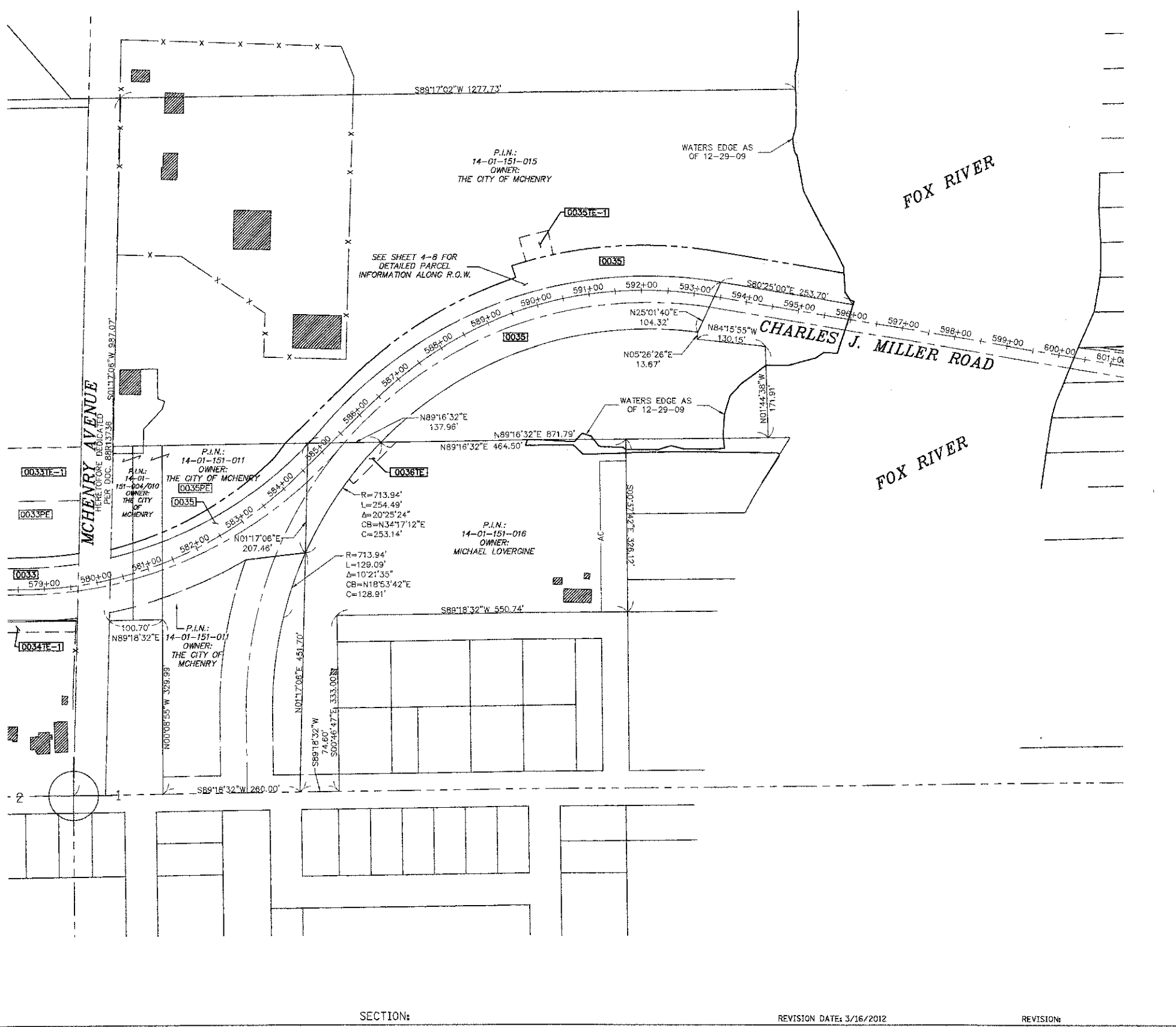
420 N. Front Street,
McHenry, IL 60050-2136
t. 815.385.1778 f. 815.385.1781
www.hrgreen.com
Illinois Professional Design Firm # 184-001322

NOTE: SHEET 1 IS A COVER SHEET AND IS NOT RECORDED

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CHARLES J. MILLER ROAD

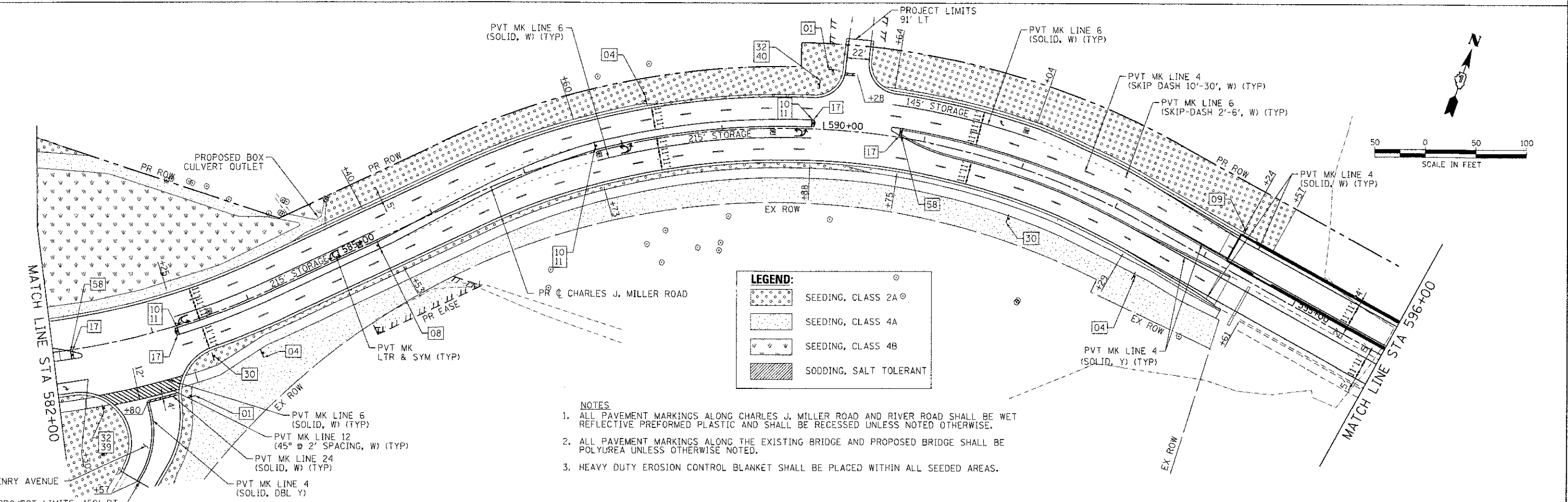
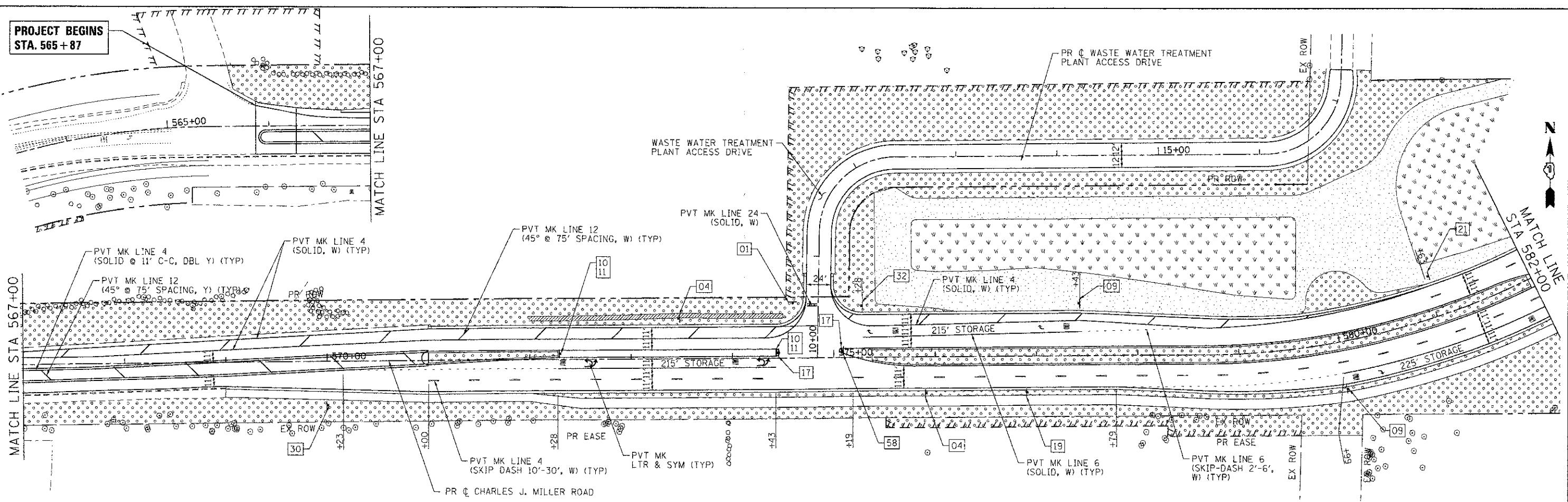
SECTION: 09-00372-00-PW COUNTY: MCHENRY
PROJECT: TCSP-CMM-9003 JOB NO.: R-91-020-06
STATION: 578+50 TO STATION: 601+00
SCALE: 1=100' SHEET 16 OF 16

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



Plotted By: wblair, Plotted: Jul 11, 2012 - 7:34am.
Inches: 11.00, Feet: 11.00, Meters: 11.00, Feet: 11.00
Comp. File: (Z:\980071.01\surveying\980071-P01-OV.dwg), Layout: Tab: Overall (0).

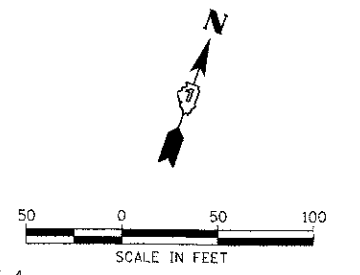
PROJECT BEGINS
STA. 565+87



LEGEND:

	SEEDING, CLASS 2A
	SEEDING, CLASS 4A
	SEEDING, CLASS 4B
	SODDING, SALT TOLERANT

- NOTES**
1. ALL PAVEMENT MARKINGS ALONG CHARLES J. MILLER ROAD AND RIVER ROAD SHALL BE WET REFLECTIVE PREFORMED PLASTIC AND SHALL BE RECESSED UNLESS NOTED OTHERWISE.
 2. ALL PAVEMENT MARKINGS ALONG THE EXISTING BRIDGE AND PROPOSED BRIDGE SHALL BE POLYUREA UNLESS OTHERWISE NOTED.
 3. HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED WITHIN ALL SEEDED AREAS.



COMPANY NAME: HRGreen.com
 CLIENT CONTACT: jattena
 DATE PLOTTED: 7/23/2012 10:28:48 AM
 FILE NAME: 090071-pm-03.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-frames.tbl



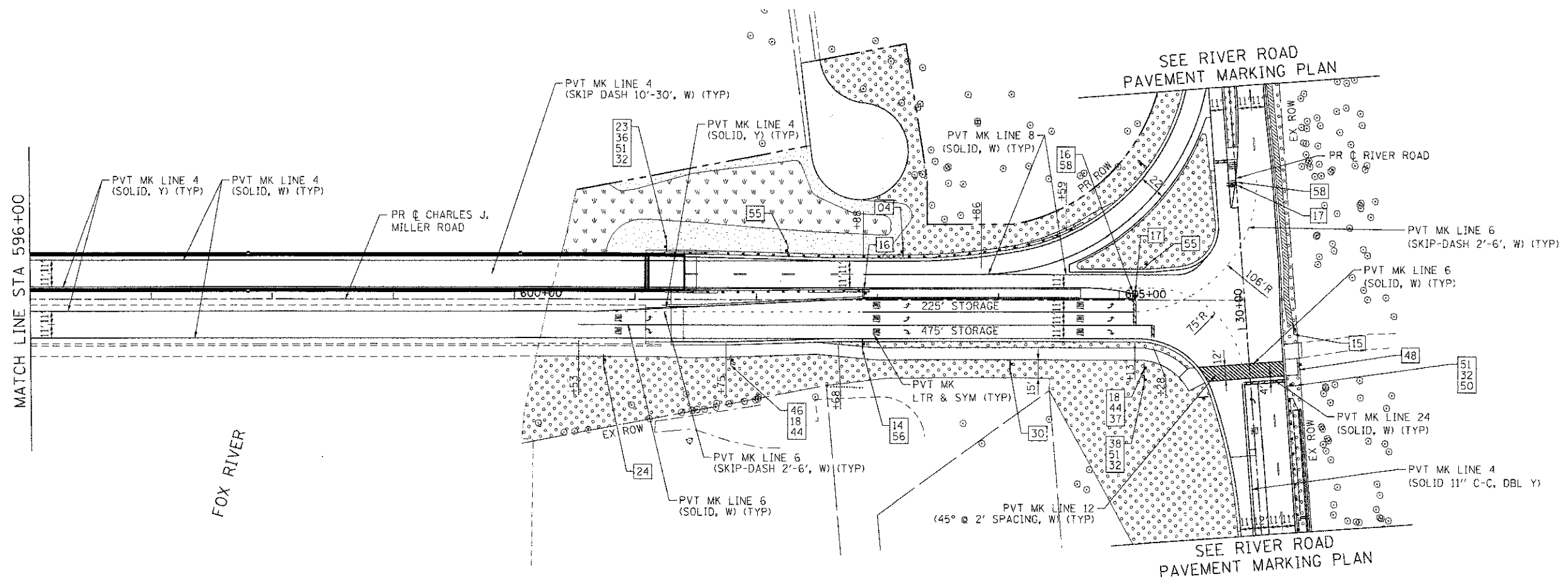
USER NAME = jattena	DESIGNED - JPA	REVISED -
FILE NAME = 090071-pm-03.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. 567+00 TO STA. 596+00

F.A.J. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	91
CONTRACT NO. 63633				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND:

	SEEDING, CLASS 2A
	SEEDING, CLASS 4A
	SEEDING, CLASS 4B
	SODDING, SALT TOLERANT

- NOTES:**
1. ALL PAVEMENT MARKINGS ALONG CHARLES J. MILLER ROAD AND RIVER ROAD SHALL BE WET REFLECTIVE PREFORMED PLASTIC AND SHALL BE RECESSED UNLESS NOTED OTHERWISE.
 2. ALL PAVEMENT MARKINGS ALONG THE EXISTING BRIDGE AND PROPOSED BRIDGE SHALL BE POLYUREA UNLESS OTHERWISE NOTED.
 3. HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED WITHIN ALL SEEDED AREAS.

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 DATE PLOTTED: 7/23/2012 12:58:59 AM
 FILE NAME: 090071-nm-04.dgn
 PLOT DRIVER: pdf4.plt
 PLOT TABLE: standard.ctb



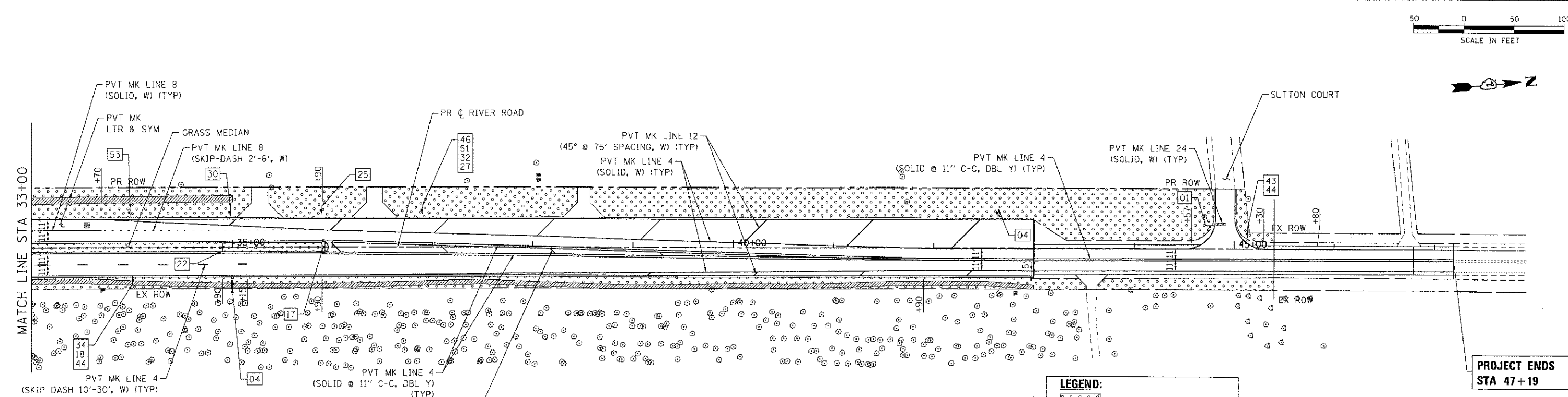
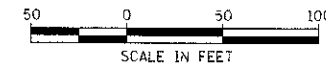
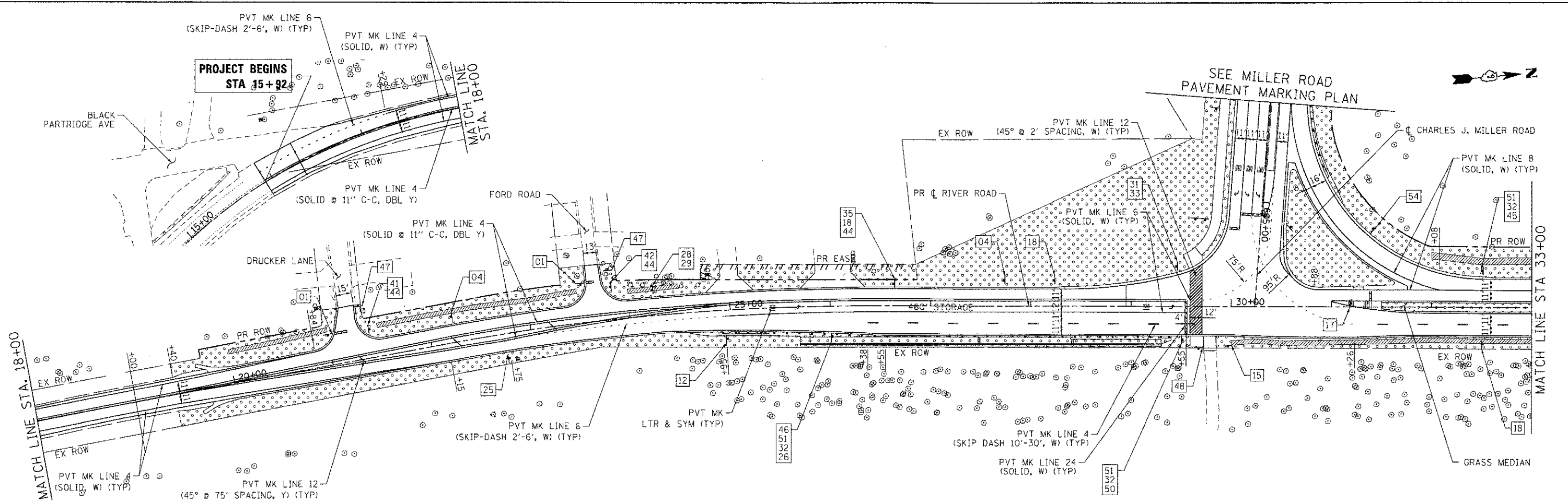
USER NAME = jattena	DESIGNED - JPA	REVISED -
FILE NAME = 090071-nm-04.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS | STA. 596+00 TO STA. 606+04

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 92
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	



**PROJECT ENDS
STA 47+19**

LEGEND:

	SEEDING, CLASS 2A
	SEEDING, CLASS 4A
	SEEDING, CLASS 4B
	SODDING, SALT TOLERANT

- NOTES**
1. ALL PAVEMENT MARKINGS ALONG CHARLES J. MILLER ROAD AND RIVER ROAD SHALL BE WET REFLECTIVE PREFORMED PLASTIC AND SHALL BE RECESSED UNLESS NOTED OTHERWISE.
 2. ALL PAVEMENT MARKINGS ALONG THE EXISTING BRIDGE AND PROPOSED BRIDGE SHALL BE POLYUREA UNLESS OTHERWISE NOTED.
 3. HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED WITHIN ALL SEEDED AREAS.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jstettin
 CLIENT: HRGreen
 DATE PLOTTED: 7/23/2012 12:35:08 AM
 FILE NAME: 090071-pm-08.dgn
 PLOT DRIVER: pct.plt
 PEN TABLE: ct_color-d-trans.tbl



USER NAME = jstettin	DESIGNED - JPA	REVISED -
FILE NAME = 090071-pm-08.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

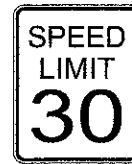
**PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 205+56 TO STA. 215+08

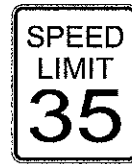
F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 93
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	



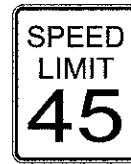
01
R1-1
36" X 36"



02
R2-1
30" X 36"



03
R2-1
30" X 36"

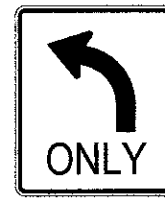


04
R2-1
30" X 36"

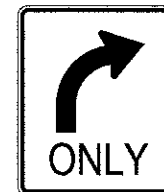
05
OMITTED

06
OMITTED

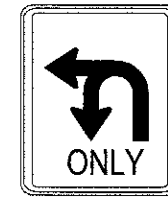
07
OMITTED



08
R3-5L
30" X 36"

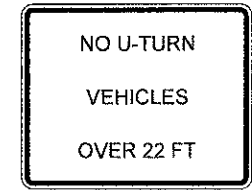


09
R3-5R
30" X 36"

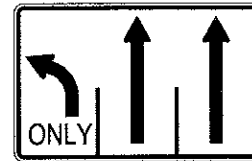


10
CUSTOM*
30" X 36"

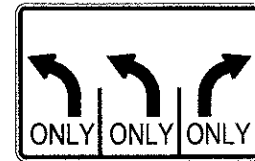
* SEE SIGN DETAILS SHEET FOR FURTHER INFORMATION



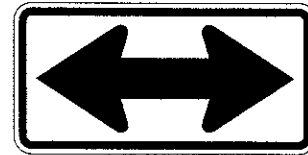
11
CUSTOM*
30" X 24"



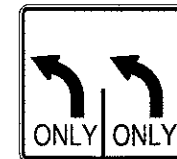
12
R3-8b
48" X 30"



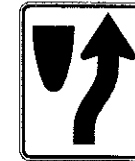
14
R3-8b
48" X 30"



15
W1-7
60" X 30"



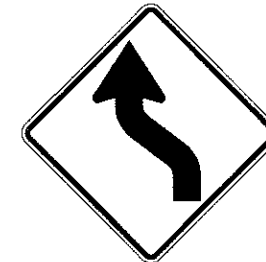
16
CUSTOM
30" X 30"



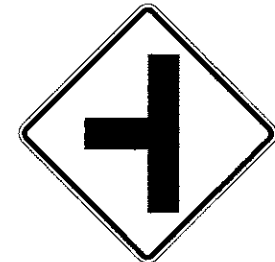
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R4-7
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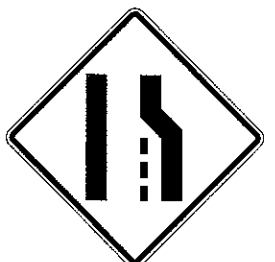
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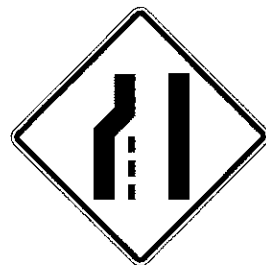
19
W1-4
36" X 36"



20
W2-2
36" X 36"



21
W4-2R
36" X 36"



22
W4-2L
36" X 36"



23
M4-11
24" X 12"



24
CUSTOM
60" X 18"



25
CUSTOM
60" X 18"



26
M5-1L
21" X 15"



27
M5-1R
21" X 15"



28
W1-2L
36" X 36"



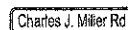
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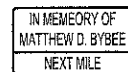
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D11-1
24" X 18"



31
CUSTOM
30" X 24"



32
CUSTOM
24" X 18"



33
CUSTOM
30" X 18"



34
M3-1
24" X 12"



35
M3-3
24" X 12"



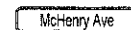
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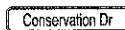
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M6-4
21" X 15"



38
M4-6
24" X 12"



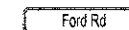
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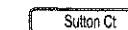
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24" X 12"



41
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24" X 12"



42
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24" X 12"



43
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24" X 12"



44
CUSTOM
24" X 12"



45
M6-1R
15" X 21"



46
M2-1
21" X 15"



47
W20-4
36" X 36"



48
R5-3
24" X 24"



49
R3-2
30" X 30"

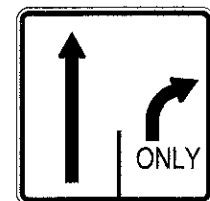


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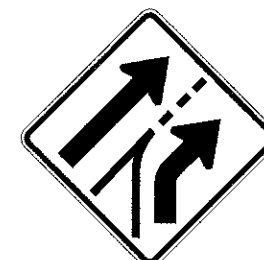


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M1-6
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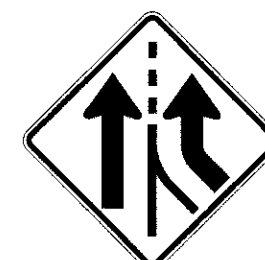
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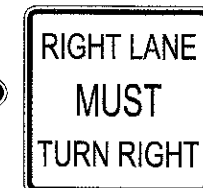
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R3-8R
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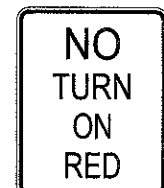
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W4-6R
36" X 36"



55
W4-3
36" X 36"



56
R3-7R
36" X 36"



57
R10-11c
24" X 30"



58
R3-4
24" X 24"

COMPANY NAME: HRGreen.com
PROJECT CONTACT: [redacted]
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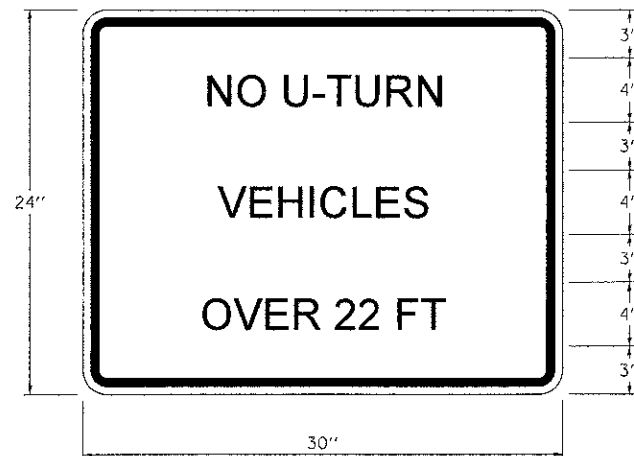
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McHENRY COUNTY DIVISION OF TRANSPORTATION

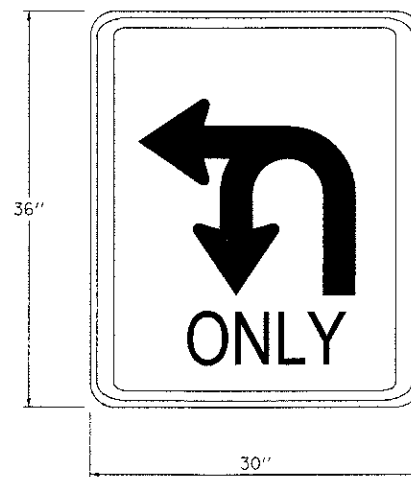
SIGNING SCHEDULE CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

SCALE: 1" = 50' SHEET NO. 4 OF 5 SHEETS STA. 19+40 TO STA. 45+40

F.A.J. RTE. 3860	SECTION 09-00372-00-PW	COUNTY McHENRY	TOTAL SHEETS 252	SHEET NO. 94
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	



LEGEND: BLACK
 BACKGROUND: WHITE (RETROREFLECTIVE)
 SERIES 2000 STANDARD ALPHABETS



LEGEND: BLACK
 BACKGROUND: WHITE (RETROREFLECTIVE)
 SERIES 2000 STANDARD ALPHABETS

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
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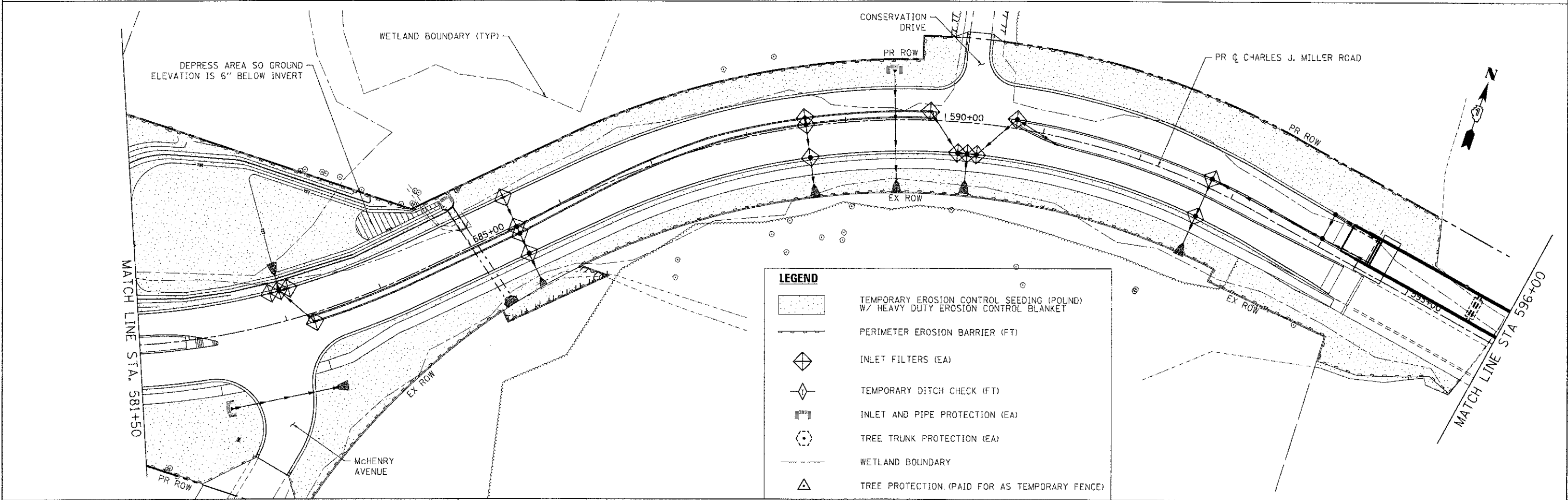
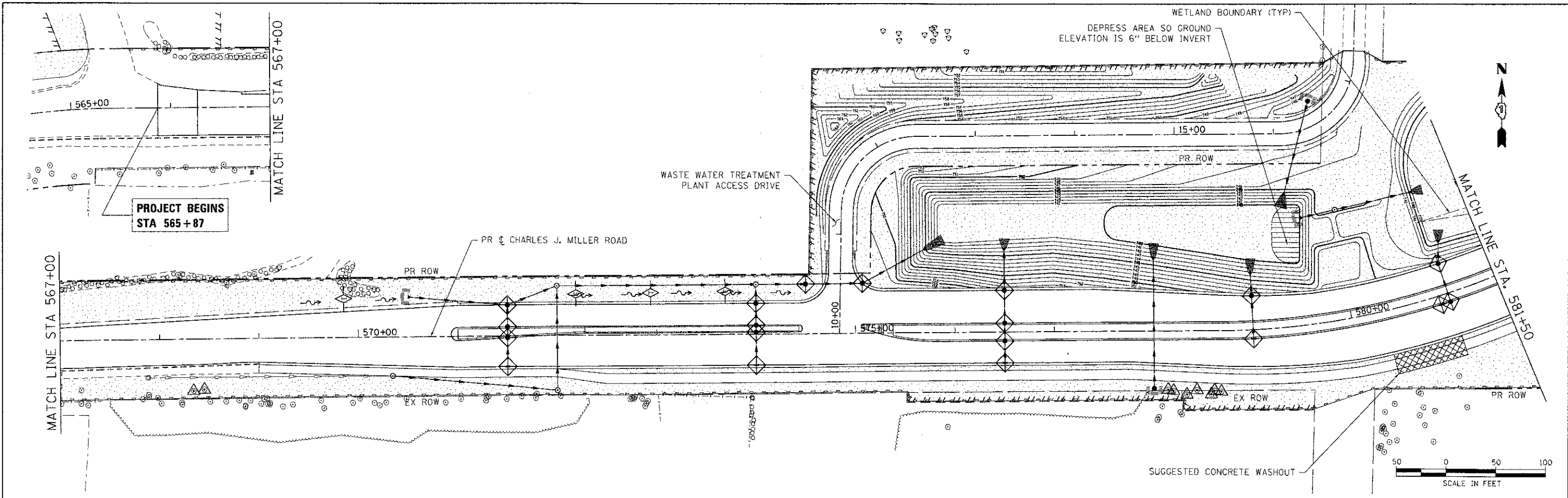
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**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**SIGN DETAILS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' | SHEET NO. 5 OF 5 SHEETS | STA. 19+41 TO STA. 45+41

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	95
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT
CONTRACT NO.				63633



LEGEND

	TEMPORARY EROSION CONTROL SEEDING (POUND) W/ HEAVY DUTY EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER (FT)
	INLET FILTERS (EA)
	TEMPORARY DITCH CHECK (FT)
	INLET AND PIPE PROTECTION (EA)
	TREE TRUNK PROTECTION (EA)
	WETLAND BOUNDARY
	TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

COMPANY NAME: HRGreen
 PROJECT CONTACT: j.tottone
 DATE PLOTTED: 7/23/2012 14:56:54 AM
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HRGreen.com
 Illinois Professional Design Firm
 #184-001922

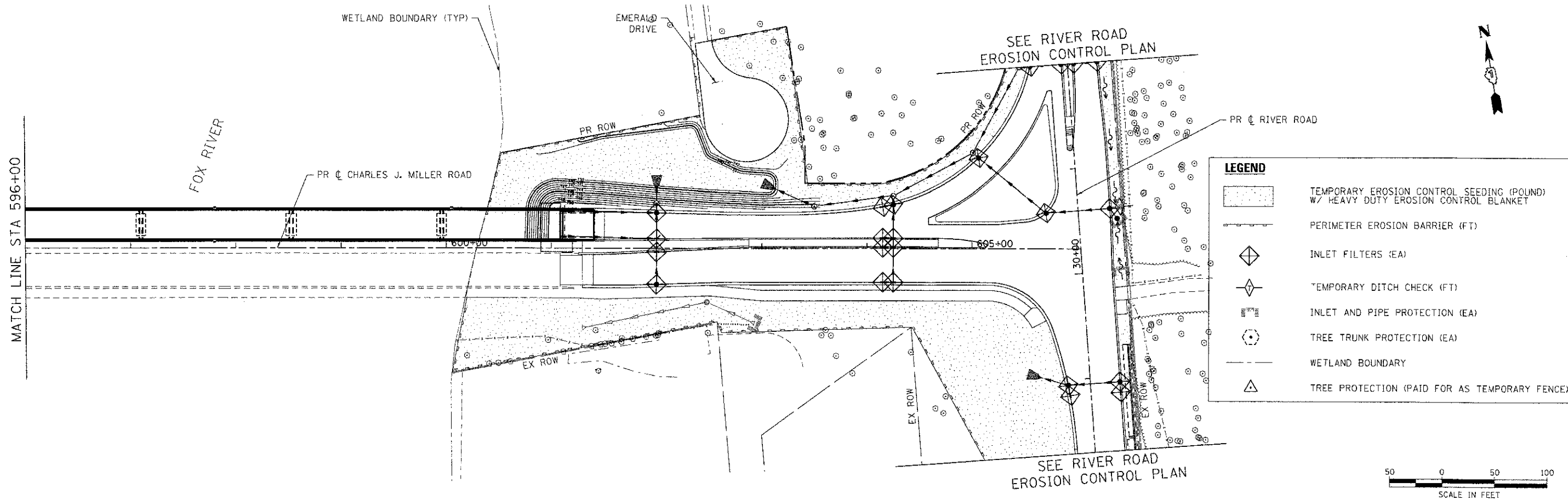
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MCHENRY COUNTY
DIVISION OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN - CHARLES J. MILLER ROAD
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS

SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. 569+00 TO STA. 596+00

F.A.U. RTEL. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 96
CONTRACT NO. 63633			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



COMPANY NAME: HRGreen
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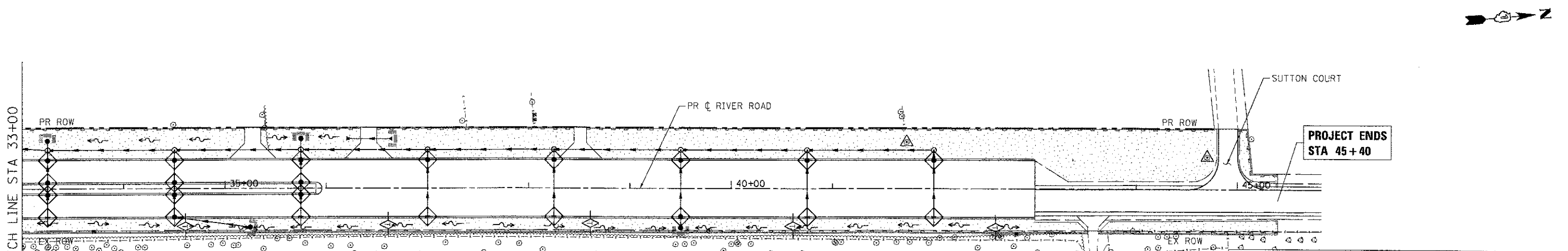
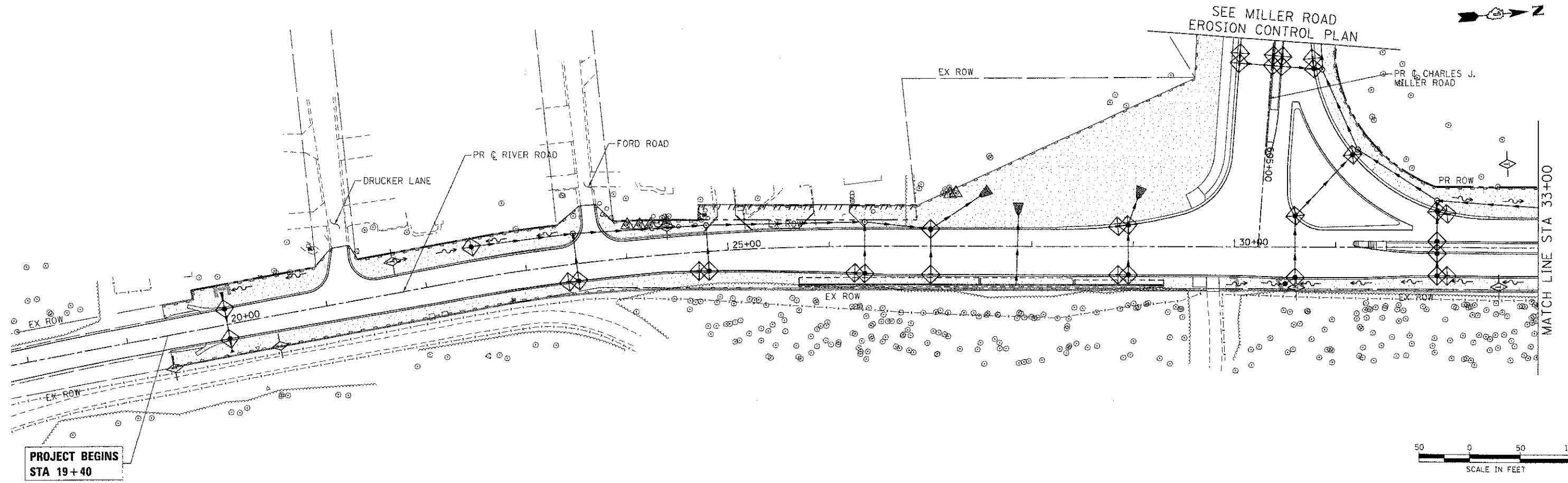
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**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN - CHARLES J. MILLER ROAD
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. 596+00 TO STA. 606+03.8

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	97
CONTRACT NO.			63633	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- TEMPORARY EROSION CONTROL SEEDING (POUND) W/ HEAVY DUTY EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER (FT)
- INLET FILTERS (EA)
- TEMPORARY DITCH CHECK (FT)
- INLET AND PIPE PROTECTION (EA)
- TREE TRUNK PROTECTION (EA)
- WETLAND BOUNDARY
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: jattana
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 7/23/2012 11:34:49 AM
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PLOT DATE = 7/23/2012	DATE - 7/23/12	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN -- CHARLES J. MILLER ROAD
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. 19+40 TO STA. 45+40

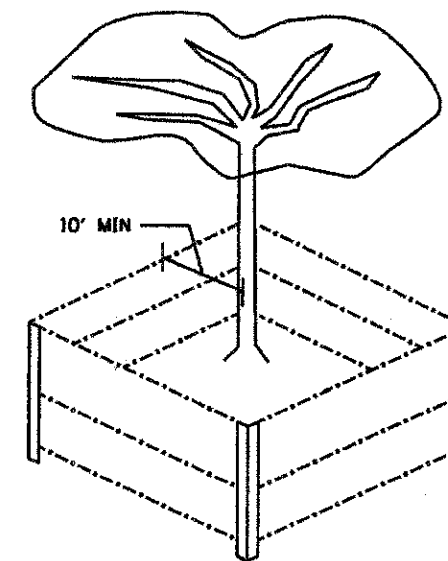
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	98
CONTRACT NO. 63633				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EROSION CONTROL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MCHENRY COUNTY AND THE CITY OF MCHENRY STORMWATER ORDINANCES. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILR40. THE CONTRACTOR SHALL ALSO UTILIZE THE STANDARDS AND SPECIFICATIONS IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
4. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 15 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
5. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 3 DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED. SOIL STOCKPILES MUST NOT BE LOCATED WITHIN ANY SPECIAL MANAGEMENT AREAS. SPECIAL MANAGEMENT AREAS INCLUDE JURISDICTIONAL WETLANDS AND ADJACENT OFF-SITE WETLANDS.
6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN WETLANDS.
7. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
8. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
9. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
10. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
11. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
12. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
13. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
14. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, EXCEPT WHERE OTHERWISE NOTED IN THE CONTRACT SPECIAL PROVISIONS.
15. THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
16. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
17. TREES TO BE PROTECTED DURING CONSTRUCTION SHOULD BE IDENTIFIED BY THE ENGINEER AND BE IN ACCORDANCE TO THE DETAILS PROVIDED IN THE PLANS, AND SHALL BE PAID FOR AS TEMPORARY FENCE.

BOX CULVERT EXTENSION:

1. APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL METHODS WILL BE INCLUDED FOR EACH STEP OF THE BOX CULVERT EXTENSION BY THE CONTRACTOR AND RESIDENT ENGINEER. AT A MINIMUM, THE WORK AREA NEEDS TO BE ISOLATED FROM ANY FLOWING WATER. THIS SHOULD BE DONE BY EITHER BY-PASS PUMPING OR BY-PASS PIPING THE FLOW AROUND THE WORK AREA. PROTECTION MUST BE PROVIDED UP TO THE EXISTING 10 YEAR HIGHWATER ELEVATION. ROCK CHECK DAMS ARE SPECIFIED, BUT OTHER METHODS INCLUDING BUT NOT LIMITED TO SANDBAGS AND WATER INFLATED DAMS MAY BE USED UPON APPROVAL BY THE RESIDENT ENGINEER.
2. A SUMP PIT SHALL BE USED DURING DEWATERING OPERATIONS OF THE WORK AREA AS SHOWN ON THE PLAN AND SHALL BE DISCHARGED TO A SEDIMENT BAG OF ADEQUATE SIZE TO PROVIDE FOR SEDIMENT COLLECTION PRIOR TO DISCHARGE TO THE DRAINAGE SYSTEM.
3. WATER CAPTURED UPSTREAM OF THE COFFERDAM MAY BE DISCHARGED DIRECTLY BACK INTO THE DRAINAGE SYSTEM AS LONG AS NO SCOURING OCCURS FROM THE DRAINAGE OPERATION.
4. THE MCHENRY COUNTY SOIL AND WATER CONSERVATION DISTRICT WILL BE CONTACTED SEVEN (7) DAYS BEFORE ANY IN-STREAM WORK BEGINS TO ENSURE ADEQUATE SESC PRACTICES ARE IN PLACE BEFORE CONSTRUCTION BEGINS. THE MCSWCD HAS PERMISSION TO ACCESS THE SITE TO VERIFY THAT SEDIMENT AND EROSION CONTROL PRACTICES ARE WORKING PROPERLY AND TO DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE MCSWCD THE CONTRACTOR SHALL IMPLEMENT THE PRACTICES IN A TIMELY MANNER.



TREE TRUNK PROTECTION FOR MEDIUM AND LARGE TREES

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 PROJECT CONTACT: HRGreen.com
 CLIENT: Illinois Professional Design Firm
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HRGreen.com
 Illinois Professional Design Firm
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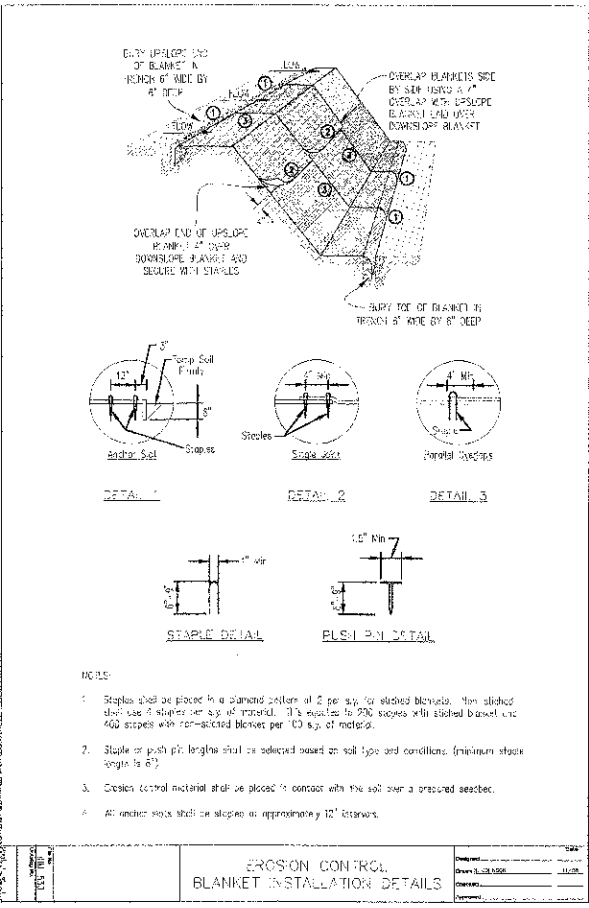
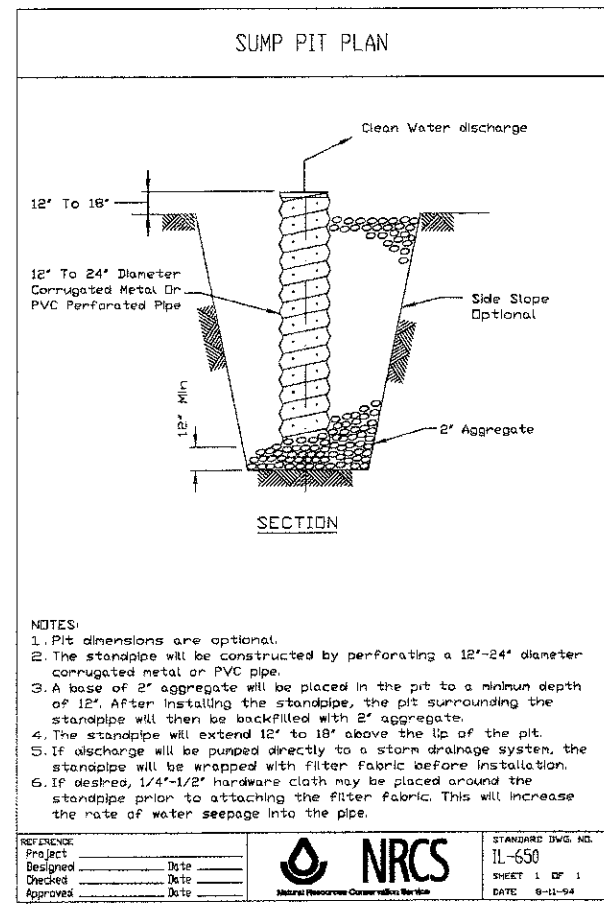
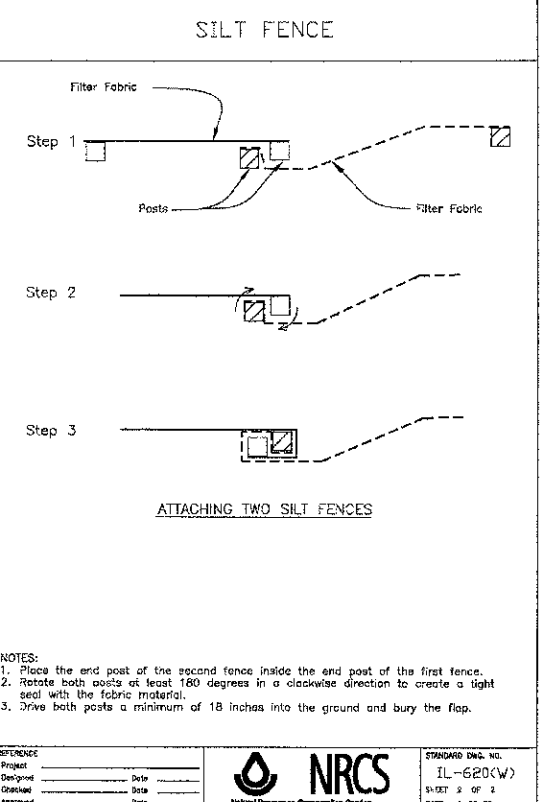
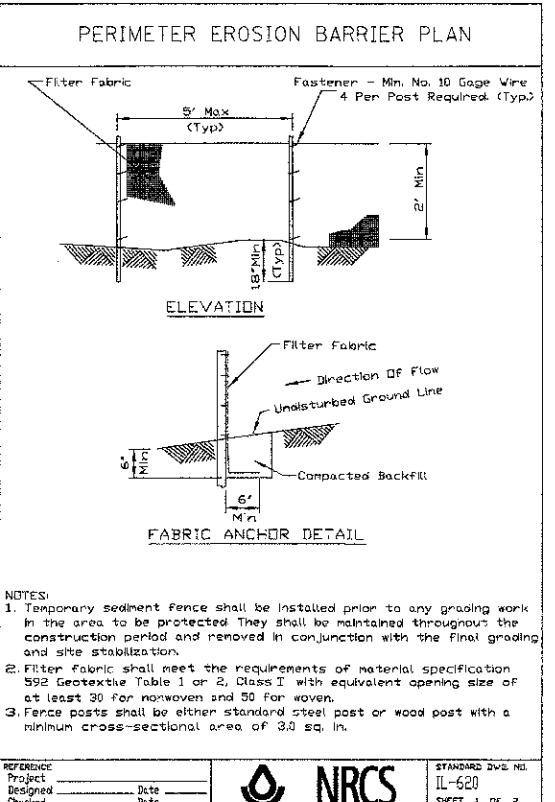
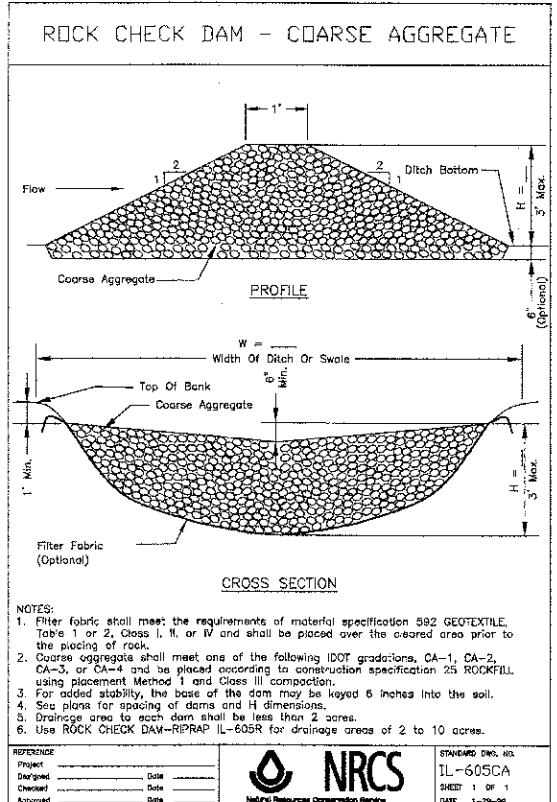
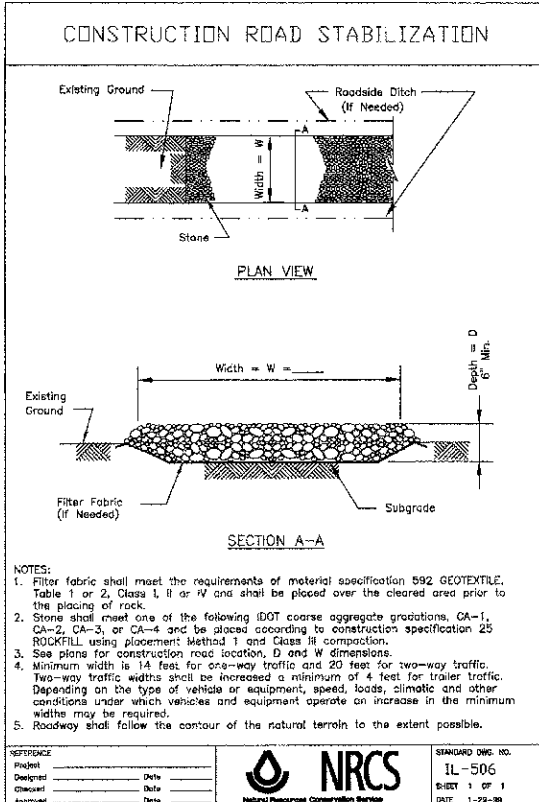
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL DETAILS
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N/A SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	



COMPANY NAME: HRGreen.com
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REVISED -
 REVISED -
 REVISED -
 REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL DETAILS
 CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: N/A SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				