

**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 CONTRACTORS 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 UNSUITABLE 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 UNSUITABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED BY THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER. IF UNSUITABLE 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 GEGRID OR APPROVED EQUAL. THE GEGRID SHALL BE PLACED IN THE MIDDLE OF THE PGEs 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.
- DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. ALL ABANDONED DRAIN RILES SHALL BE REMOVED IN THEIR ENTIRETY.
- OVER EXCAVATION FOR THE SEDIMENTATION BASIN AND INSTALLATION OF THE TEMPORARY WATER WATER QUALITY RISER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE DRAINAGE RESTRICTOR.

**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.

8/27/2012

COMPANY NAME: HRGreen  
 CONTACT: HRGreen.com  
 DATE PLOTTED: 9/5/2012 10:19 AM  
 FILE NAME: 09071-gen-02.dgn  
 PLOT DRIVER: pnf\_cad.ctb  
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HRGreen.com 1100 Professional Design Firm 184-011322	USER NAME = jettano FILE NAME = 09071-gen-02.dgn PLOT SCALE = N.T.S. PLOT DATE = 9/5/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 8/24/12	REVISED - REVISED - REVISED - REVISED -	<b>MCHENRY COUNTY</b> <b>DIVISION OF TRANSPORTATION</b>		<b>GENERAL NOTES</b> <b>CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS</b>		F.A.U. RTE. = 3860 SECTION = 09-00372-00-PW COUNTY = MCHENRY TOTAL SHEETS = 252 SHEET NO. = 3 CONTRACT NO. = 63633	SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	HRGreen									

**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
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	73,857	73,647		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					
28000315	AGGREGATE DITCH CHECKS	TON	20	20					
28000400	PERIMETER EROSION BARRIER	FOOT	12,560	12,560					
28000500	INLET AND PIPE PROTECTION	EACH	16	16					
28000510	INLET FILTERS	EACH	94	94					
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

8/27/2012

COMPANY NAME: HRGreen  
PROJECT CONTACT: HRGreen.com  
DATE PLOTTED: 9/8/2012 8:31:45 AM  
FILE NAME: 090071-sum.dgn  
PLOT NUMBER: 09-00372-00-PW  
PEN TABLE: Standard-Trans.tbl

HRGreen	USER NAME = jaltara	DESIGNED - JPA	REVISED -
HRGreen	FILE NAME = 090071-sum.dgn	DRAWN - SVJ	REVISED -
HRGreen	PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
HRGreen	PLOT DATE = 9/8/2012	DATE - 8/24/12	REVISED -

**MCHENRY COUNTY  
DIVISION OF TRANSPORTATION**

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

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	4
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
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	1,603	1,603	△				
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	203	203	△				
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	844	844	△				
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	12	12	△				
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

△ 8/27/2012

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 9/6/2012 8:31:48 AM  
 FILE NAME: 090071-sun.dgn  
 PLOT DRIVER: pdf\_bw\_no\_is\_val.plt  
 PLOT TABLE: standard-trans.tbl



USER NAME = jstene  
 FILE NAME = 090071-sun.dgn  
 PLOT SCALE = N.T.S.  
 PLOT DATE = 9/6/2012

DESIGNED - JPA  
 DRAWN - SVJ  
 CHECKED - JLP  
 DATE - 8/24/12

REVISED -  
 REVISED -  
 REVISED -  
 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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	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 0006	RETAINING WALL 80% FEDERAL 20% LOCAL 0040	SIGNALS 80% FEDERAL 20% LOCAL 0021	LIGHTING 80% FEDERAL 20% LOCAL 0021	LOCAL 0% FEDERAL 100% LOCAL
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	11	11					
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 I (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

△ 8/27/2012

COMPANY NAME: HRGreen.com  
PROJECT CONTACT: HRGreen.com  
CLIENT: HRGreen.com  
DATE PLOTTED: 9/6/2012 8:15:57 AM  
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PLOT DRIVER: pdfnwr\_no\_bvvel.plt  
PEN TABLE: standard.ctb

**HRGreen.com**  
Illinois Professional Design Firm  
# 184-001522

USER NAME = jattano	DESIGNED - JPA	REVISED -
FILE NAME = 090071-sum.dgn	DRAWN - SVJ	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 9/6/2012	DATE - 8/24/12	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	

EARTHWORK - CHARLES J. MILLER ROAD

PMILLER 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	717.3	35.9	192.3	108.9
576+00.00	1,377.0	31.3	192.9	118.2
576+50.00	1,618.1	27.6	194.5	128.3
577+00.00	1,644.8	22.9	193.8	124.9
577+50.00	1,720.6	28.9	189.9	109.8
578+00.00	2,121.9	27.2	186.9	102.9
578+50.00	2,515.7	19.2	185.8	106.9
579+00.00	2,743.7	43.5	128.1	145.9
579+50.00	2,520.5	47.5	138.2	149.1
580+00.00	1,258.8	29.1	219.9	180.7
580+50.00	307.2	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.)

PMILLER 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	34,175.8 (CU YD)	12,141.1 (CU YD)	9,498.0 (CU YD)	3,595.2 (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

8/27/2012

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: MCHENRY COUNTY  
 DATE PLOTTED: 8/24/2012  
 PLOT PRINTER: HP DesignJet T1100  
 PEN TABLE: PenTable

**HRGreen**  
 HRGreen.com  
 1819 S. Peoria Street, Suite 100, Peoria, IL 61614  
 Phone: 309.673.1322

USER NAME: jettano	DESIGNED: JPA	REVISED:
FILE NAME: 090071-sch-01.dgn	DRAWN: SVJ	REVISED:
PLOT SCALE: N.T.S.	CHECKED: JLP	REVISED:
PLOT DATE: 8/24/2012	DATE: 8/24/12	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.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 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 (CU YD)	3,514.0 (CU YD)	5,201.7 (CU YD)	1,213.6 (CU YD)	1,838.6 (CU YD)	1.3 (CU YD)

LOCATION	20201200	20400800	Z20042002
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	FURNISHED EXCAVATION	POROUS GRANULAR EMBANKMENT, SUBGRADE
MILLER ROAD	43,674	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	73,856	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.

8/27/2012

COMPANY NAME: HRGreen  
 PROJECT CONTACT: J. Jettone  
 DATE PLOTTED: 9/5/2012 3:28:09 PM  
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 PLOT DRIVER: pdf\_color.plt  
 PEN TABLE: basic.ctb  
 Scale: 1"=40'

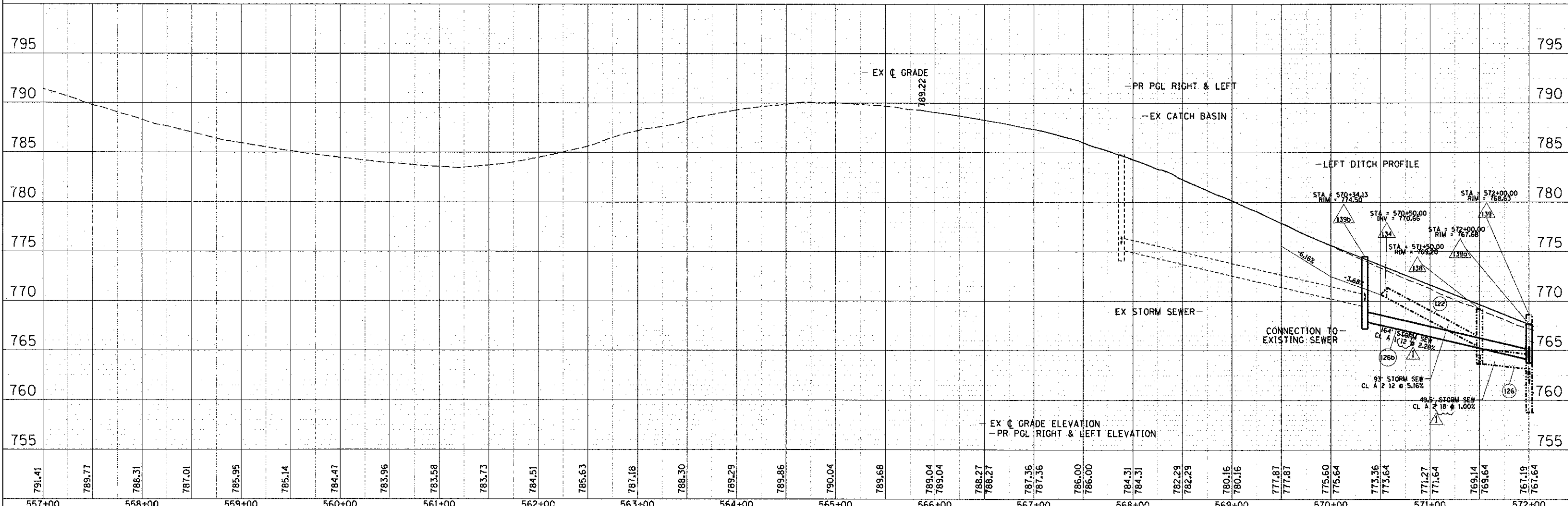
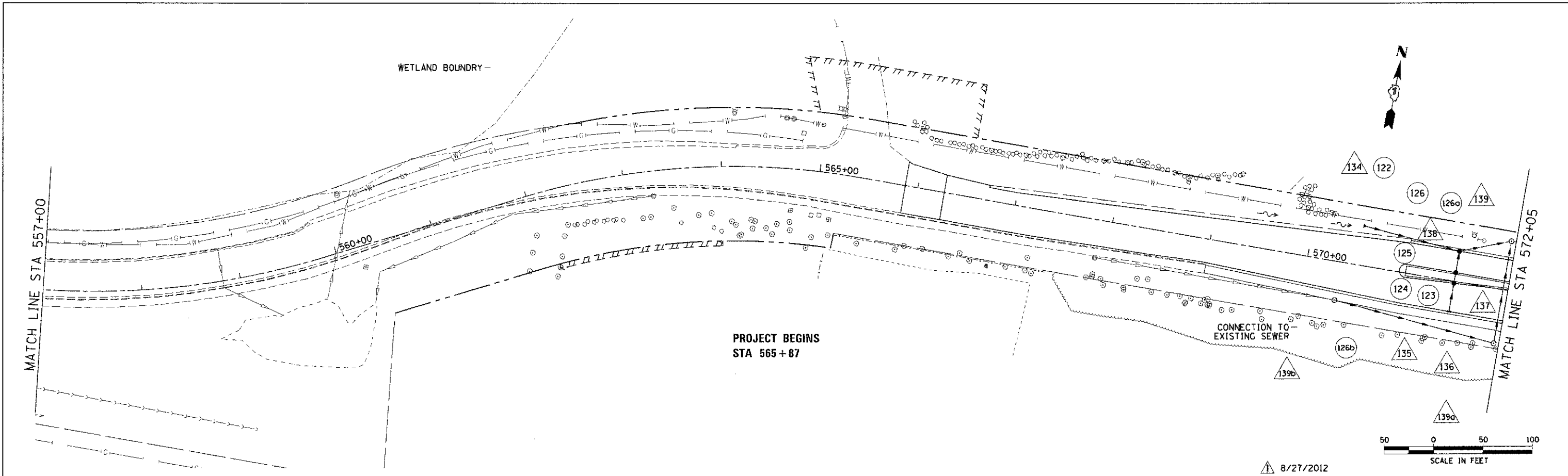
HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = jettone FILE NAME = 090071-rch-01.dgn PLOT SCALE = N.T.S. PLOT DATE = 9/5/2012	DESIGNED - JPA DRAWN - SVJ CHECKED - JLP DATE - 8/24/12	REVISED - REVISED - REVISED - REVISED -	<b>MCHENRY COUNTY DIVISION OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS</b>	F.A.L. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY TOTAL SHEETS 252 SHEET NO. 14 CONTRACT NO. 63633	SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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PLAN	SUBMITTED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHD	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 9/5/2012 3:07:49 PM  
 FILE NAME: 090071-dpp-04.dgn  
 PLOT SCALE: 1" = 50'  
 PLOT DATE: 9/5/2012



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
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						

HRGreen.com  
 Illinois Professional Design Firm  
 4184-601322

USER NAME	DESIGNED	REVISIONS
FILE NAME	DRAWN	REVISIONS
PLOT SCALE	CHECKED	REVISIONS
PLOT DATE	DATE	REVISIONS

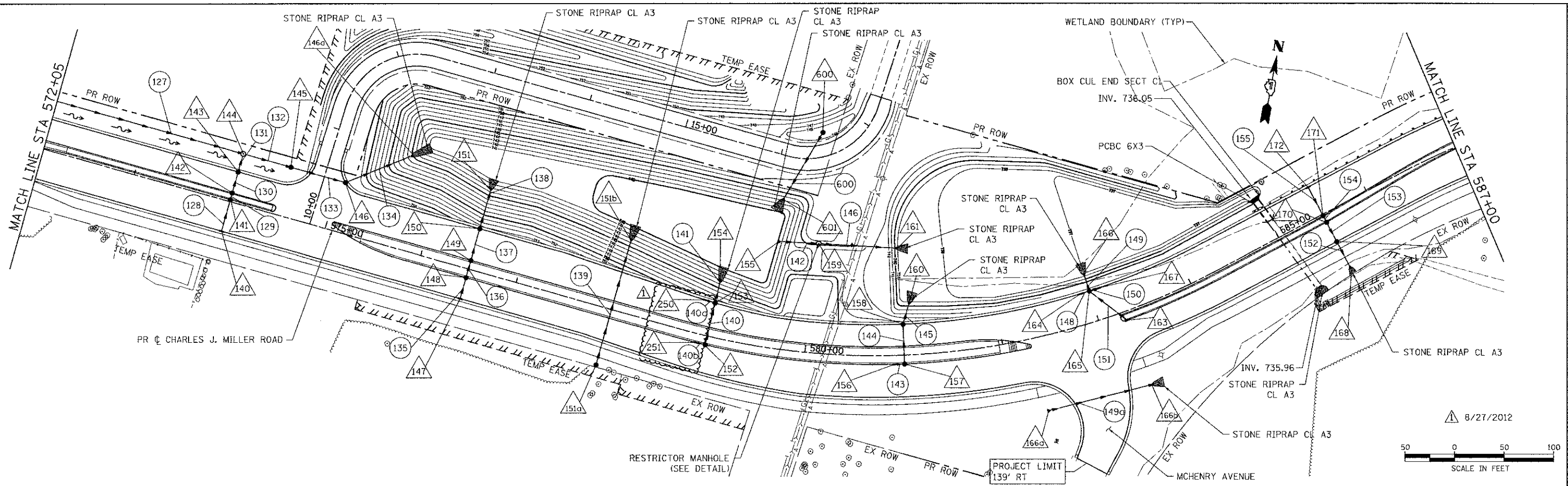
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

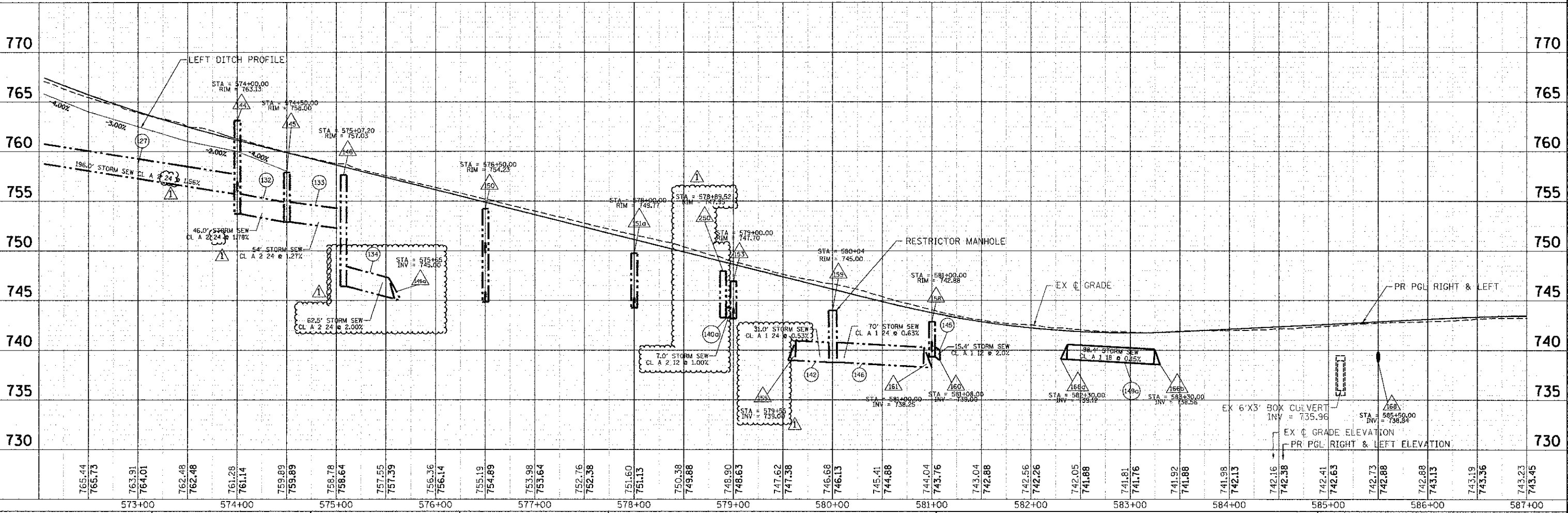
F.A.L.L. RTE.	SECTION	COUNTY	TOTAL SHEETS
3860	09-00372-00-PW	MCHENRY	252
CONTRACT NO.			63633

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

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



DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



COMPANY NAME: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/6/2012 8:06:25 AM  
 FILE NAME: 09077-dpp-05.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: standard.ctb

765.44	765.73	763.91	764.01	762.48	762.48	761.28	761.14	759.89	759.89	758.78	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	749.90	748.63	747.62	747.38	746.68	746.13	745.41	744.88	744.04	743.76	743.04	742.88	742.56	742.26	742.05	741.88	741.81	741.76	741.92	741.88	741.98	742.13	742.16	742.38	742.41	742.63	742.73	742.88	742.88	743.13	743.19	743.36	743.23	743.45
573+00		574+00		575+00		576+00		577+00		578+00		579+00		580+00		581+00		582+00		583+00		584+00		585+00		586+00		587+00																															

USER NAME = charke	DESIGNED = JPA	REVISED =
FILE NAME = 09077-dpp-05.dgn	DRAWN = SYJ	REVISED =
PLOT SCALE = 1" = 50'	CHECKED = JLP	REVISED =
PLOT DATE = 9/6/2012	DATE = 8/24/12	REVISED =

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE - CHARLES J. MILLER ROAD	
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS	
SCALE: 1" = 50'	SHEET NO. 2 OF 6 SHEETS
STA. 572+00	TO STA. 587+00

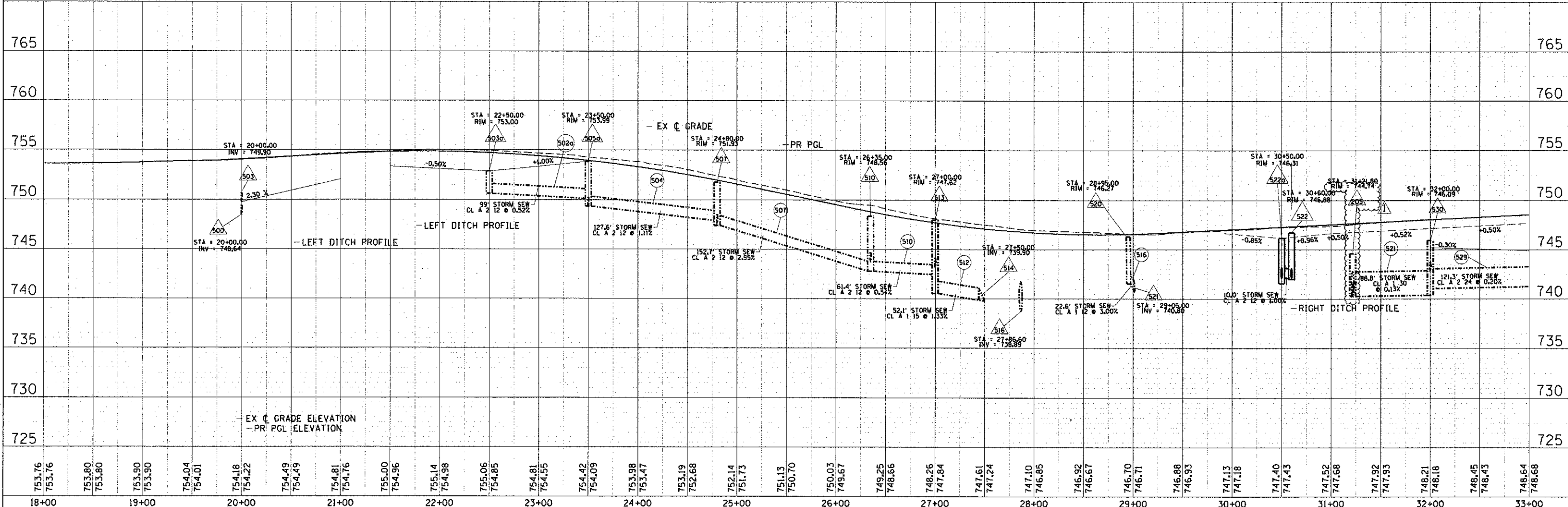
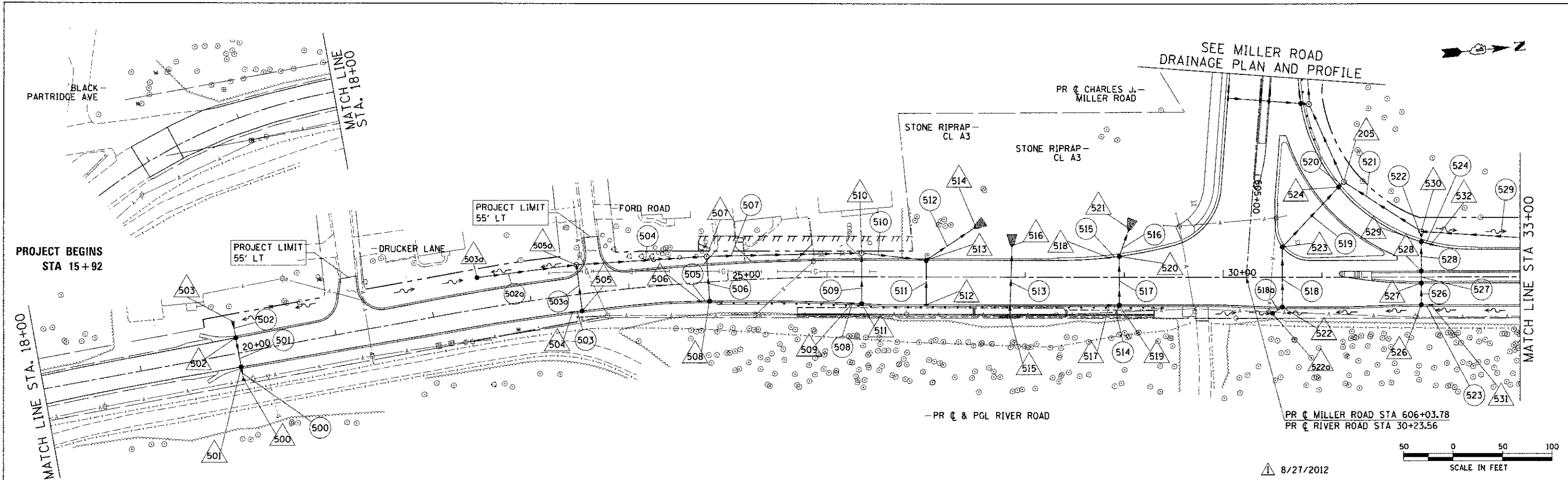
F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 64
CONTRACT NO. 63633			ILLINOIS FED. AID PROJECT	



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

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

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: JASTANA  
 CLIENT: STATE OF ILLINOIS  
 DATE PLOTTED: 9/5/2012 3:29:50 PM  
 FILE NAME: 090071-dpp-12.dgn  
 PLOT NUMBER: 09-00372-00-PW  
 PEN TABLE: 1



18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00																																														
753.76	753.76	753.80	753.80	753.90	753.90	754.04	754.01	754.18	754.22	754.49	754.49	754.81	754.76	755.00	754.96	755.14	754.98	755.06	754.85	754.81	754.55	754.42	754.09	753.98	753.47	753.19	752.68	752.14	751.73	751.13	750.70	750.03	749.67	749.25	748.66	748.26	747.84	747.61	747.24	747.10	746.85	746.92	746.67	746.70	746.71	746.88	746.93	747.13	747.18	747.40	747.43	747.52	747.68	747.92	747.93	748.21	748.18	748.45	748.43	748.54	748.68

USER NAME	JASTANA
FILE NAME	090071-dpp-12.dgn
PLOT SCALE	1" = 50'
PLOT DATE	9/5/2012

DESIGNED	JPA
DRAWN	SVJ
CHECKED	JLP
DATE	8/24/12

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	67
CONTRACT NO.			63633	
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' | SHEET NO. 5 OF 6 SHEETS | STA. 19+40 TO STA. 33+00

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			758.79		
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"										
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"										
152	579+00.00	9.00	CATCH BASINS, TYPE A, 4'-DIAMETER, 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"										
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			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				739.48					
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"							739.20			
200	604+25.00	32.00	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	745.58						740.68		740.68	
201	604+25.00	-1.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	745.81						740.37		740.37	
202	604+25.00	-10.00	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	745.60						740.30		740.30	
203	604+25.00	-41.75	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	745.41						740.00		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
206	603+50.00	-40.00	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	745.99						739.25		739.25	
250	578+89.52	+34.70	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	747.95								743.30	
251	578+90.12	9.00	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	748.88								743.72	

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	
600	16+50.60	-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	

8/27/2012

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: jettano  
 DATE PLOTTED: 8/23/12 10:00 AM  
 FILE NAME: 090071-dsch-01.dgn  
 PLOT DRIVER: pdf\_color.plt  
 PEN TABLE: pascal\_color.tbl



USER NAME - jettano	DESIGNED - JPA	REVISED -
FILE NAME - 090071-dsch-01.dgn	DRAWN - SYJ	REVISED -
PLOT SCALE - N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE - 9/5/2012	DATE - 8/24/12	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. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 69
CONTRACT NO. 63633			FED. ROAD DIST. NO. ILLINDIS. FED. AID PROJECT	

STORM SEWER SCHEDULE - MILLER ROAD							
PIPE #	FROM	TO	LENGTH (FT)	DIA	TYPE	SLOPE (%)	T.B.F. (CU YD)
122	134	138	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	138	19	12	STORM SEW CL A 2	1.00	4.89
126	138	139	50	18	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	24	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	24	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	63	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
140a	250	153	7	12	STORM SEW CL A 2	1.00	1.00
140b	251	152	7	12	STORM SEW CL A 2	1.00	1.00
141	153	154	21	12	STORM SEW CL A 1	1.00	0.00
142	155	159	31	24	STORM SEW CL A 1	0.43	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	15	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	96	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	150	12	STORM SEW CL A 2	3.09	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	70	12	STORM SEW CL A 1	0.50	15.10

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 PROJECT CONTACT: HRGreen  
 DATE PLOTTED: 9/5/2012 3:55:01 PM  
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 PLOT DRIVER: pdf.cadwrt  
 PEN TABLE: oasc.ctb



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FILE NAME	• 090071-dsch-01.dgn	DRAWN	- SVJ	REVISED	-
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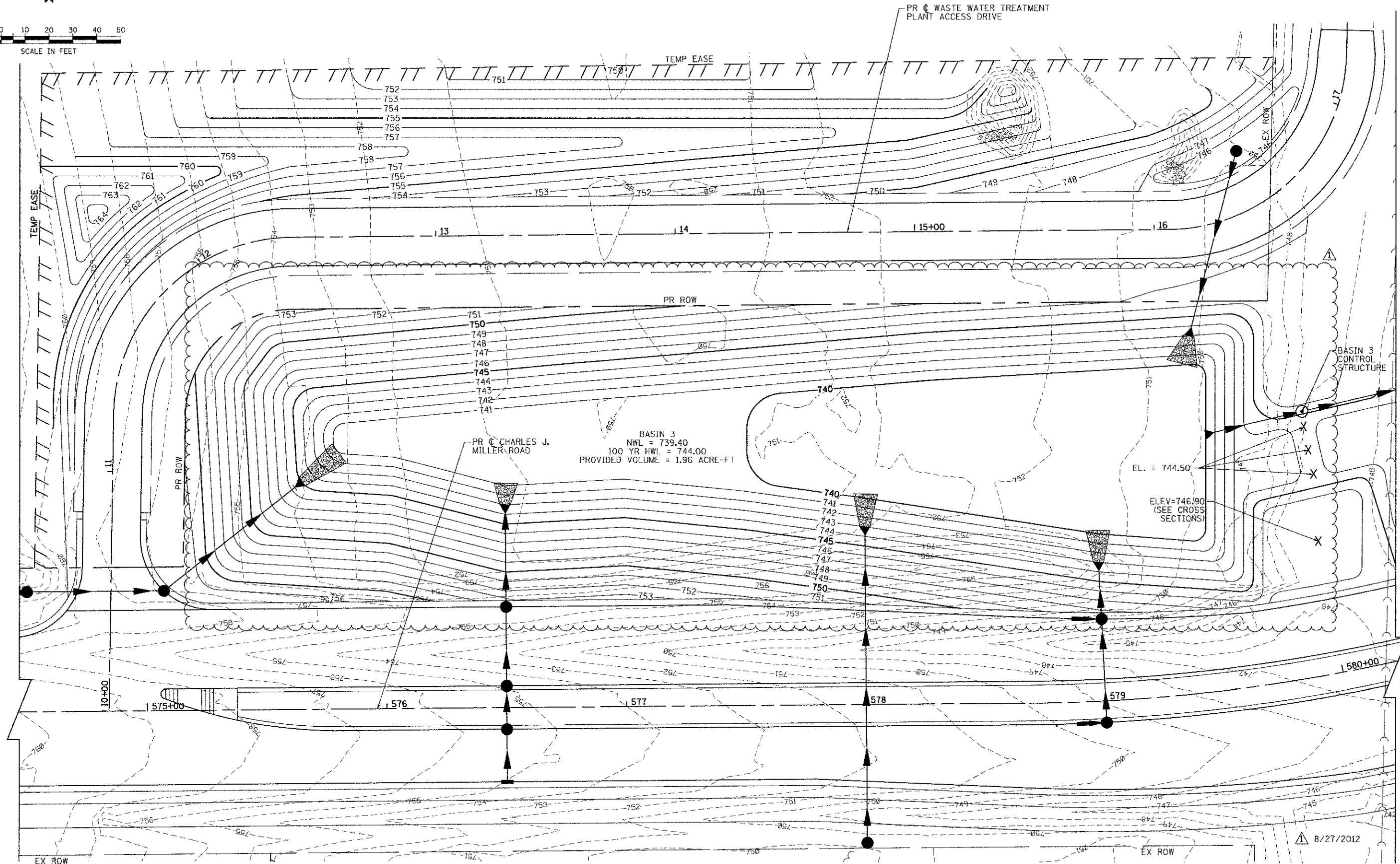
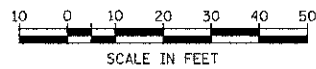
**MCHENRY COUNTY  
 DIVISION OF TRANSPORTATION**

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

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

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

8/27/2012



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm # 154-001322  
 DATE PLOTTED: 9/6/2012 8:05:35 AM  
 FILE NAME: 090071-09A.dgn  
 PLOT DRIVER: pdt.plt  
 PEN TABLE: etendence-tranx.tbl

HRGreen.com  
 Illinois Professional Design Firm  
 # 154-001322

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FILE NAME = 090071-09A.dgn	DRAWN - SVJ	REVISED -
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PLOT DATE = 9/6/2012	DATE - 8/24/12	REVISED -

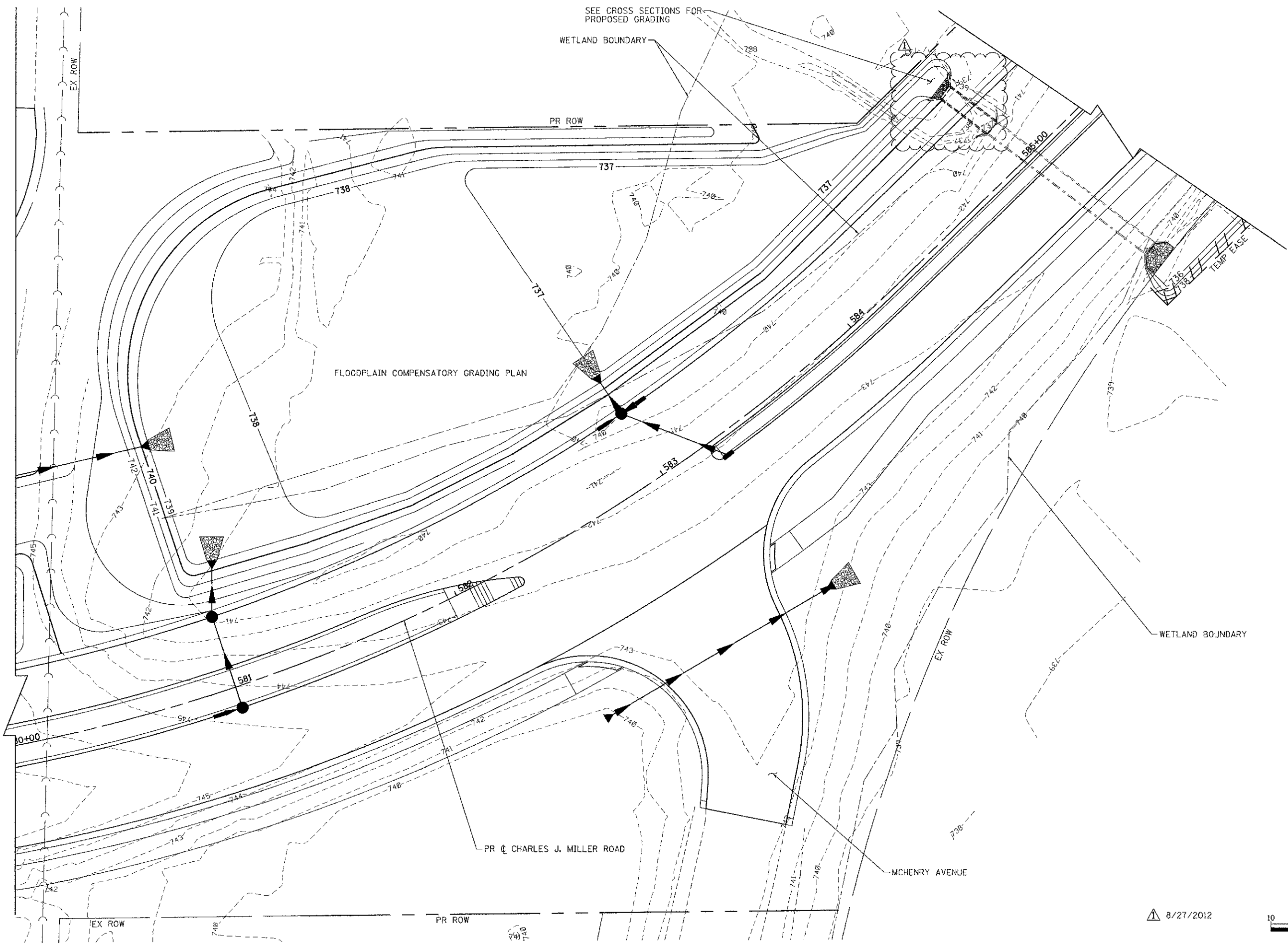
**MCHENRY COUNTY**  
**DIVISION OF TRANSPORTATION**

**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		

8/27/2012



SEE CROSS SECTIONS FOR PROPOSED GRADING

WETLAND BOUNDARY

PR ROW

FLOODPLAIN COMPENSATORY GRADING PLAN

WETLAND BOUNDARY

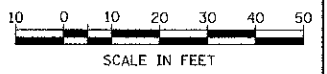
PR CHARLES J. MILLER ROAD

MCHENRY AVENUE

EX ROW

PR ROW

8/27/2012



COMPANY NAME: HRGreen  
 PROJECT CONTACT: [Redacted]  
 CLIENT: [Redacted]  
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PLOT DATE = 9/6/2012	DATE - 8/24/12	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

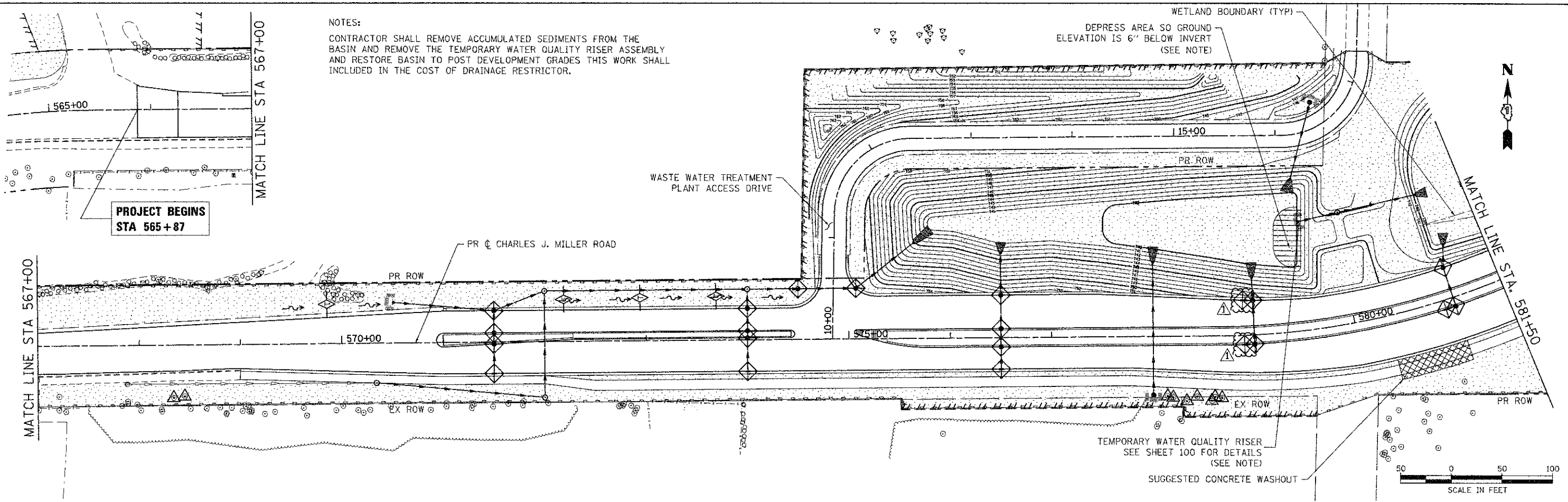
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	73
CONTRACT NO. 63633				

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT



NOTES:  
 CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENTS FROM THE BASIN AND REMOVE THE TEMPORARY WATER QUALITY RISER ASSEMBLY AND RESTORE BASIN TO POST DEVELOPMENT GRADES THIS WORK SHALL INCLUDED IN THE COST OF DRAINAGE RESTRICTOR.

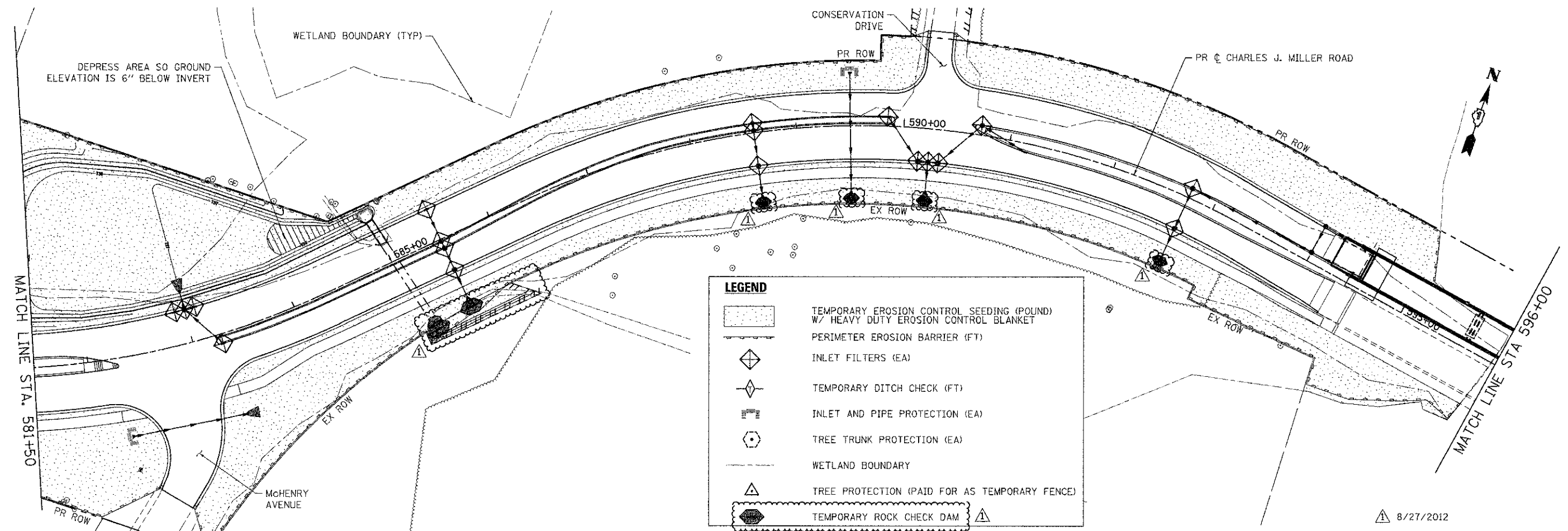
WETLAND BOUNDARY (TYP)  
 DEPRESS AREA SO GROUND ELEVATION IS 6" BELOW INVERT (SEE NOTE)



DEPRESS AREA SO GROUND ELEVATION IS 6" BELOW INVERT

CONSERVATION DRIVE  
 PR ROW

PR CHARLES J. MILLER ROAD  
 PR ROW



**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)
- TEMPORARY ROCK CHECK DAM

COMPANY NAME: HRGreen  
 PROJECT CONTACT: [Name]  
 CLIENT: [Name]  
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**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 9-184-001322

USER NAME = aher-tke	DESIGNED - DCJ	REVISED -
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PLOT SCALE = 1" = 50'	CHECKED - JLP	REVISED -
PLOT DATE = 9/6/2012	DATE - 8/24/12	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. 1 OF 5 SHEETS STA. 569+00 TO STA. 596+00

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 96
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 IIR40. 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.
18. WHERE STREAM DISTURBANCE IS NECESSARY, THE STREAM INCLUDING THE BED AND BANKS, SHALL BE STABILIZED WITHIN FORTY-EIGHT (48) HOURS AFTER DISTURBANCE IS COMPLETED OR INTERRUPTED.

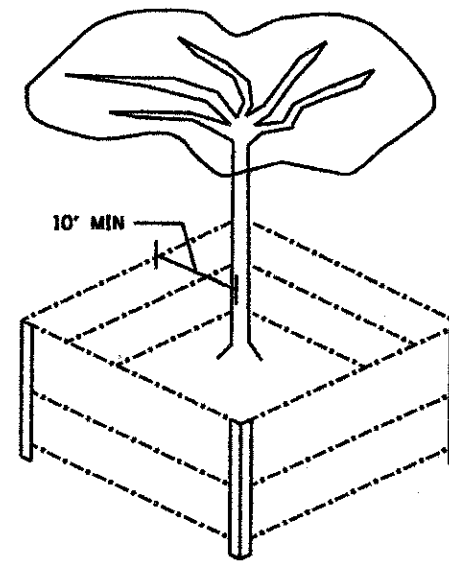
**BOX CULVERT EXTENSION:**

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.

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**MCHENRY COUNTY STORMWATER PERMIT REQUIREMENTS:**

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
2. PROPERTIES AND CHANNELS ADJOINING THE DEVELOPMENT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
5. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
6. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES).
7. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
8. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT OF WAY, STREET, ALLEY OR PARKING AREA SHALL BE SCRAPED OR STREET CLEANED AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
9. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF MCHENRY COUNTY.
10. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DESPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF MCHENRY COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
11. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
12. DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY.



**TREE TRUNK PROTECTION  
FOR MEDIUM AND LARGE TREES**

▲ 8/27/2012

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen  
 DATE PLOTTED: 9/6/2012 8:05:59 AM  
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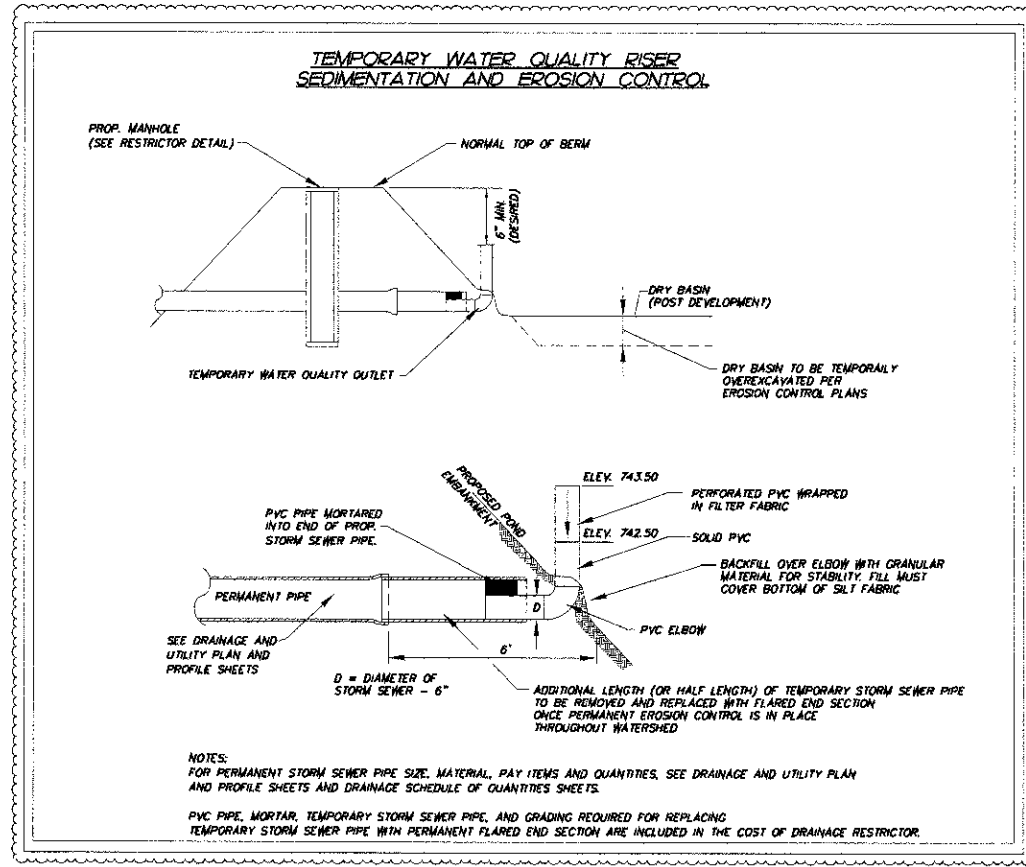
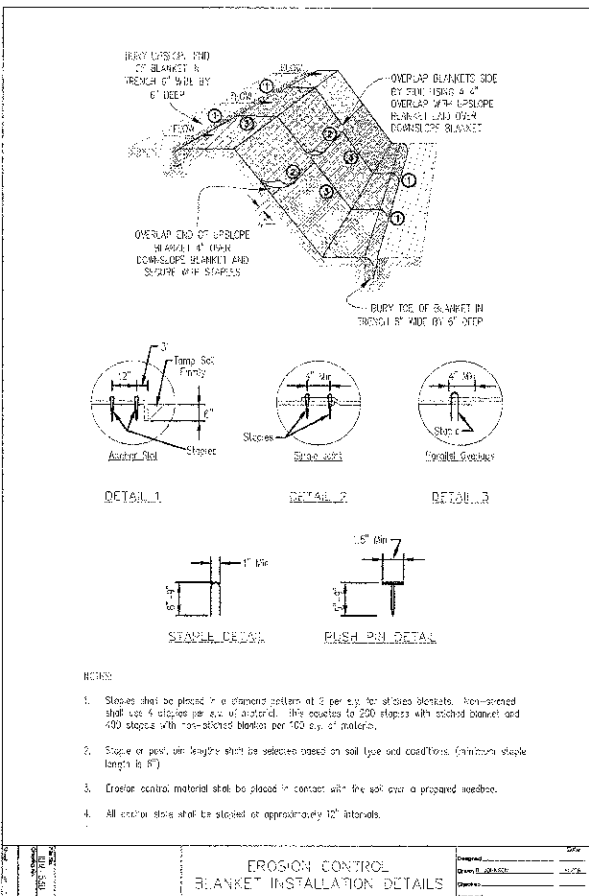
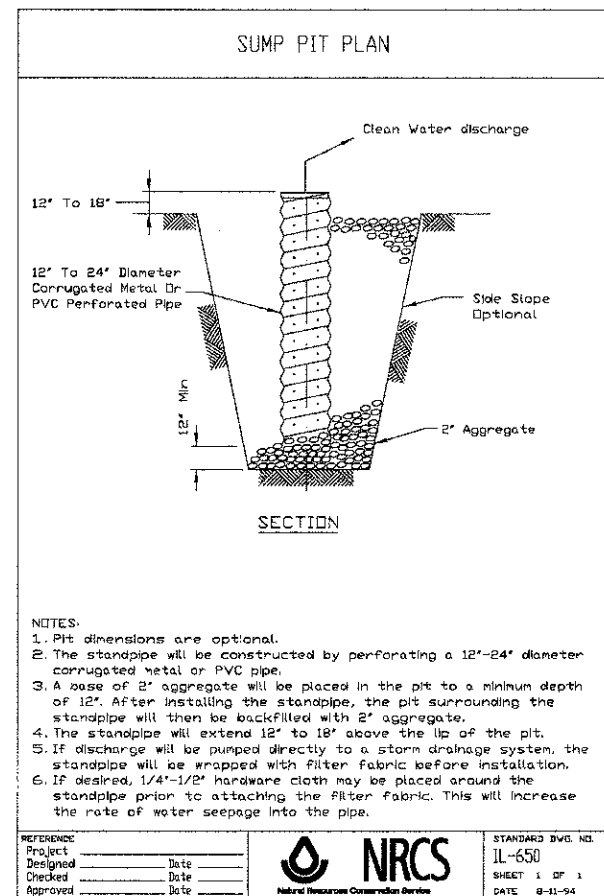
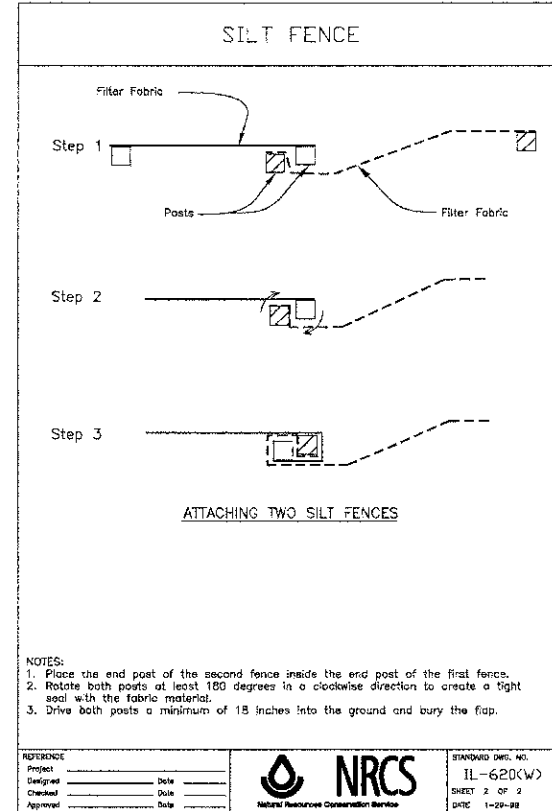
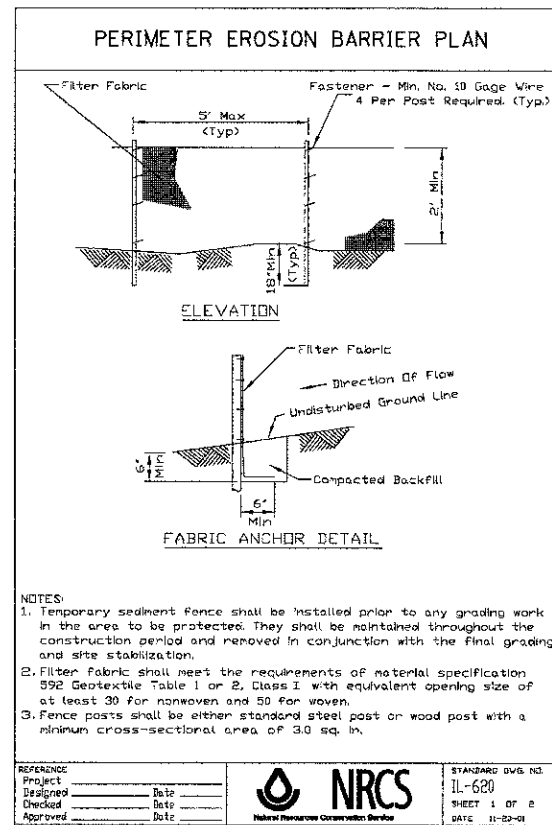
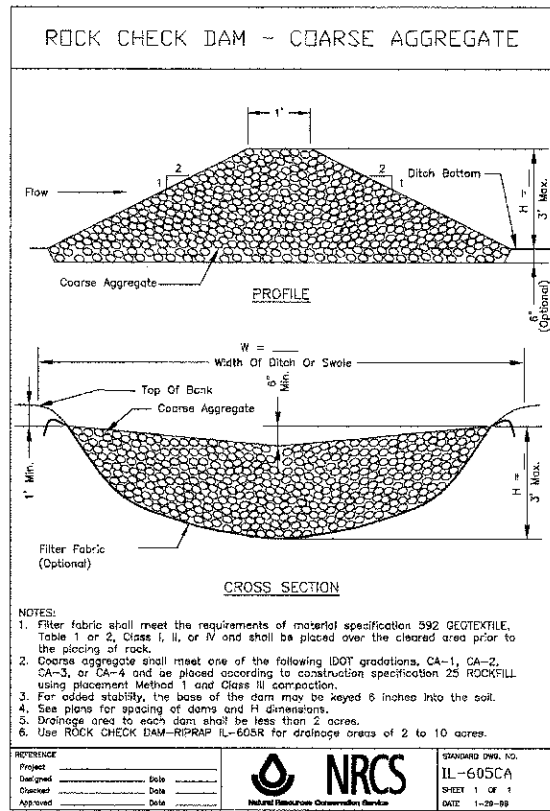
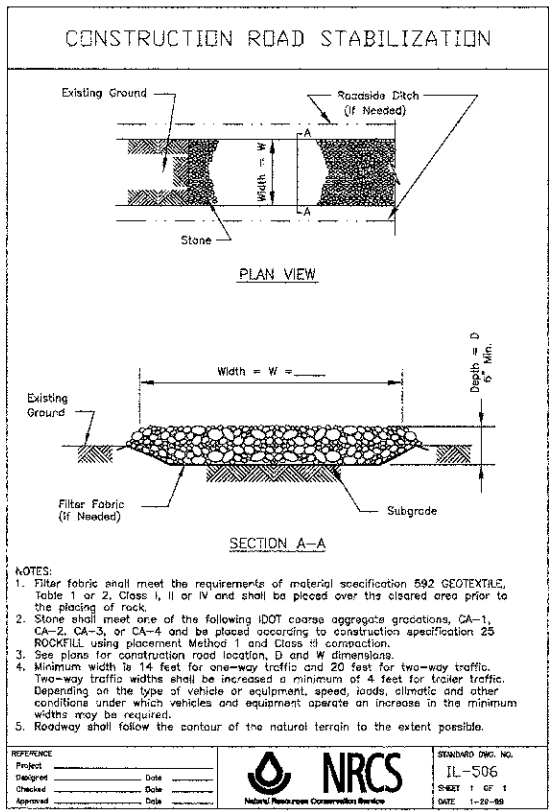
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FILE NAME = 090071-erod101.dgn	DRAWN - DCJ	REVISED -
PLOT SCALE = N/A	CHECKED - JLP	REVISED -
PLOT DATE = 9/6/2012	DATE - 8/24/12	REVISED -

**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.
3860	09-00372-00-PW	MCHENRY	252	99
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63633	



COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/5/2012 4:03:10 PM  
 PLOT NUMBER: 09071-erodet02.dgn  
 PEN TABLE: 09071-erodet02.tbl

**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 #164-001322

USER NAME	• jettone	DESIGNED	- DCJ	REVISED	-
FILE NAME	• 09071-erodet02.dgn	DRAWN	- DCJ	REVISED	-
PLOT SCALE	• N/A	CHECKED	- JLP	REVISED	-
PLOT DATE	• 9/5/2012	DATE	- 8/24/12	REVISED	-

**MCHENRY COUNTY**  
**DIVISION OF TRANSPORTATION**

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

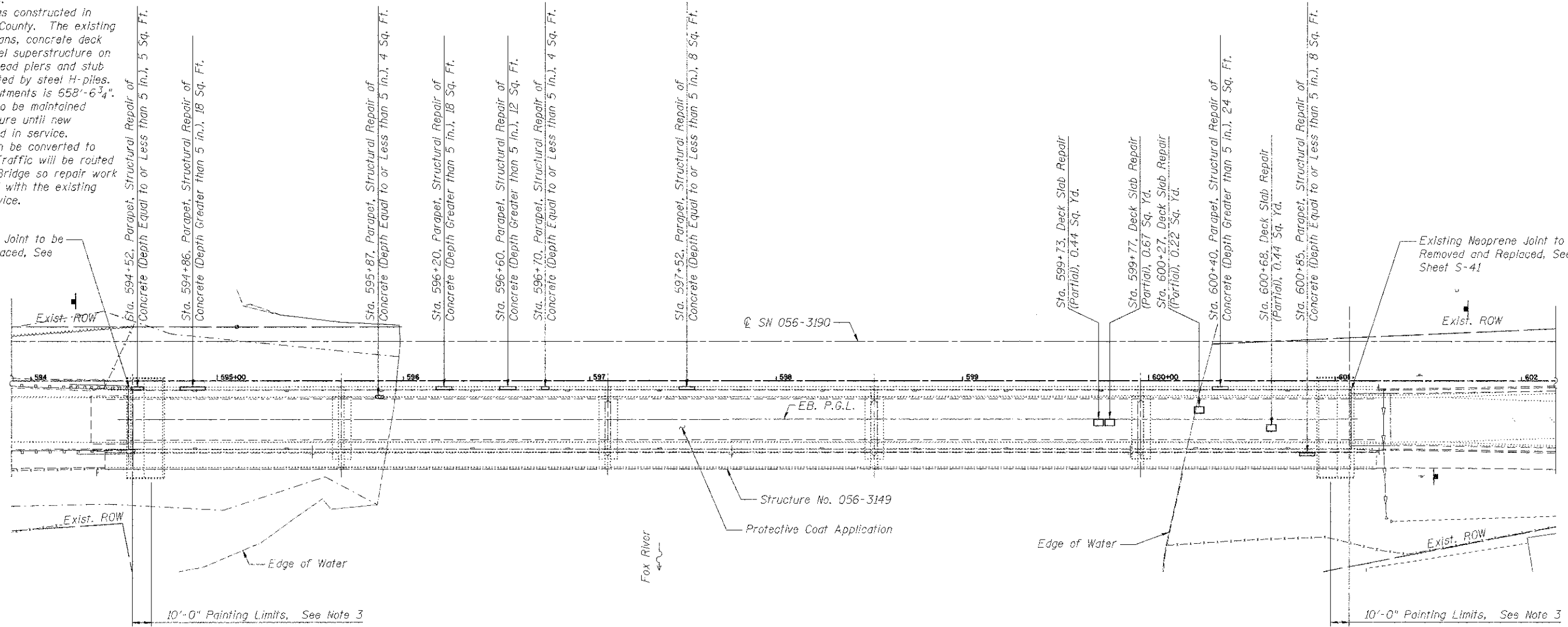
SCALE: N/A SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	100
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 63633

8/27/2012

Existing Structure:  
S.N. 056-3149 was constructed in 1989 by McHenry County. The existing structure is 5 spans, concrete deck on continuous steel superstructure on concrete hammerhead piers and stub abutments supported by steel H-piles. Back to Back Abutments is 658'-6<sup>3</sup>/<sub>4</sub>". Two way traffic to be maintained on existing structure until new structure is placed in service. Structure will then be converted to two lanes, EB. Traffic will be routed to the Proposed Bridge so repair work can be performed with the existing bridge out of service.

Existing Neoprene Joint to be Removed and Replaced, See Sheet S-40



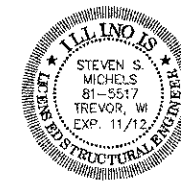
PLAN

Notes:

- All deck repairs shall be in accordance with Guide Bridge Special Provision 28 Deck Slab Repair (Partial).
- Parapet repairs shall be in accordance with Guide Bridge Special Provision 53 Structural Repair of Concrete to the depth indicated on the plan.
- The cleaning and painting of existing steel shall conform to the Guide Bridge Special Provision CLEANING AND PAINTING EXISTING STEEL STRUCTURES. All exposed steel beam, diaphragm, stiffener and bearing surfaces within 10' - 0" of each end of each beam shall be cleaned and painted in accordance with the above specification. The surface preparation shall conform to specification section Surface Preparation (HOLD POINT), Section b) Near White Metal Blast Cleaning. The paint system shall conform to specification section a) System 1- OZ/E/U for Bare Steel or specification section e) System 5-MCU for Bare Steel. This work shall be paid for at the contract lump sum price for CLEANING AND PAINTING STEEL BRIDGE NO. 1.
- Costs for Containment and Disposal of Non-Lead Paint Cleaning Residues shall be according to GBSP 60.
- Protective Coat shall be applied to the entire surface of the deck of the existing Charles J. Miller Road Bridge crossing after patching and to the roadway face of each parapet in accordance with Article 503.19 of the Standard Specifications except that the 14 day minimum concrete curing time shall be replaced with a 72 hour cure for Class PP Concrete Patches. All debris shall be removed from the deck and from the existing deck drains as part of the Deck Cleaning Process and the cost of this work shall be included in the unit price for Protective Coat.

To the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current "AASHTO Standard Specifications for Highway Bridges".

Structural Engineer Expires: 11/30/2012  
HRGreen



HRGreen.com  
Illinois Professional Design Firm  
# 184-001322

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	2.5		2.5
Concrete Superstructure	Cu. Yd.	2.1		2.1
Protective Coat	Sq. Yd.	2880		2880
Reinforcement Bars, Epoxy Coated	Pound	180		180
Neoprene Expansion Joint 4"	Foot	44		44
Neoprene Expansion Joint 6 1/2"	Foot	44.3		44.3
Containment and Disposal of Non-Lead Paint Cleaning Residues	L. SUM	1		1
Cleaning and Painting Steel Bridge No. 1	L. SUM	1		1
Structural Repair of Concrete (Depth Equal to or Less Than 5 in.)	Sq. Ft.	9		9
Structural Repair of Concrete (Depth Greater Than 5 in.)	Sq. Ft.	66		66
Deck Slab Repair (partial)	Sq. Yd.	3.3		3.3
Polymer Concrete	Cu. Ft.	10.6		10.6

GENERAL PLAN AND ELEVATION  
EB. CHARLES J. MILLER ROAD  
OVER FOX RIVER  
SUPERSTRUCTURE REPAIRS  
STRUCTURE NO. 056-3149 (EXISTING)  
McHENRY COUNTY

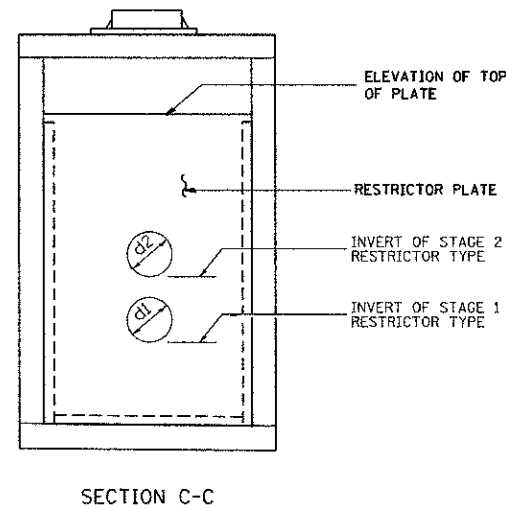
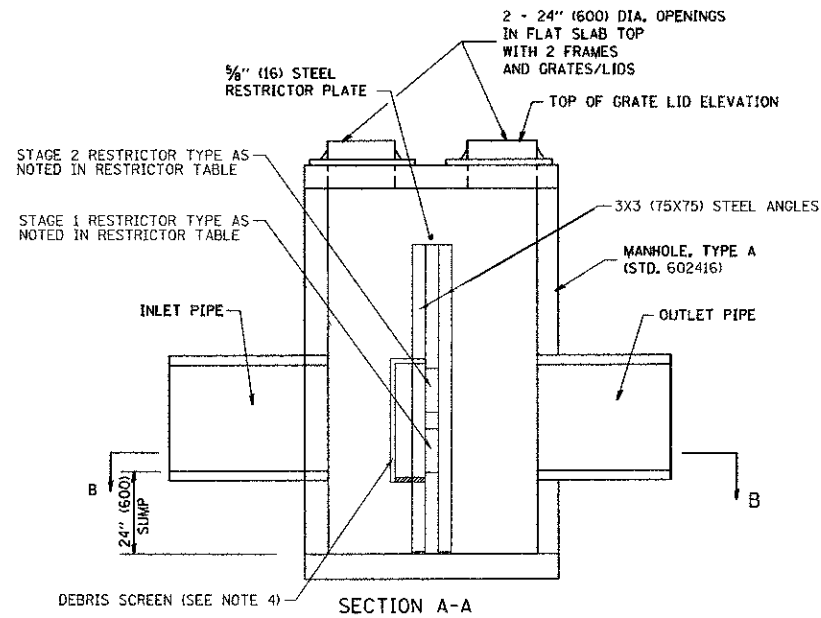
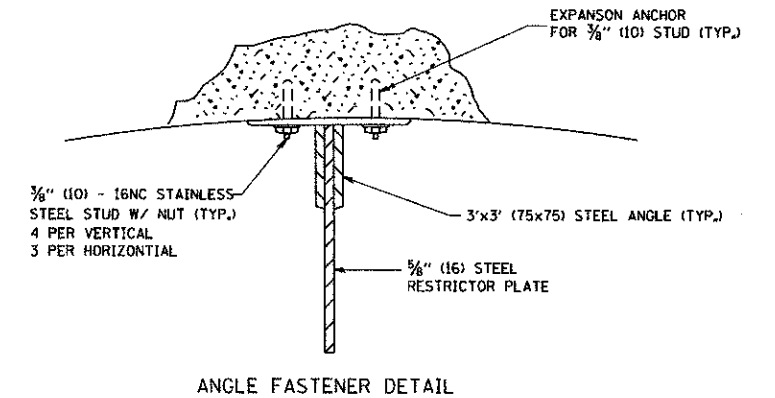
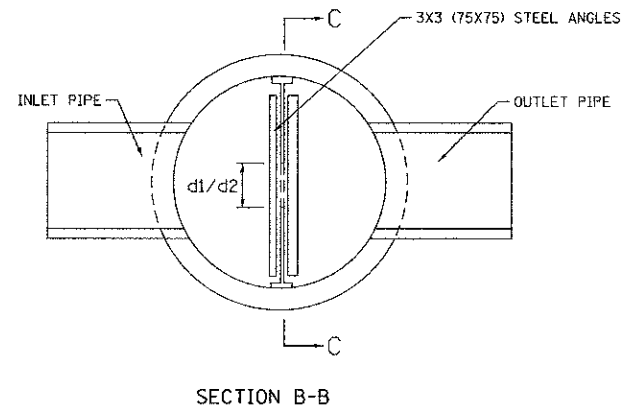
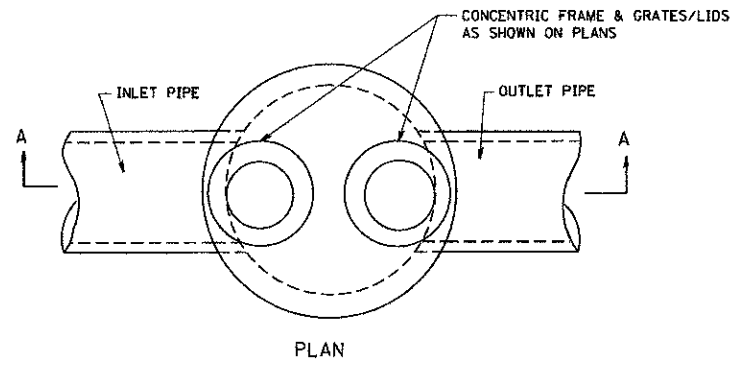
DATE: 8/24/12

DESIGNED	SSM
CHECKED	RGD
DRAWN	WJH
CHECKED	RGD

SHEET NO. S-39	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3860	09-00372-00-PW	McHENRY	252	162
S-41 SHEETS	CONTRACT NO.				63633

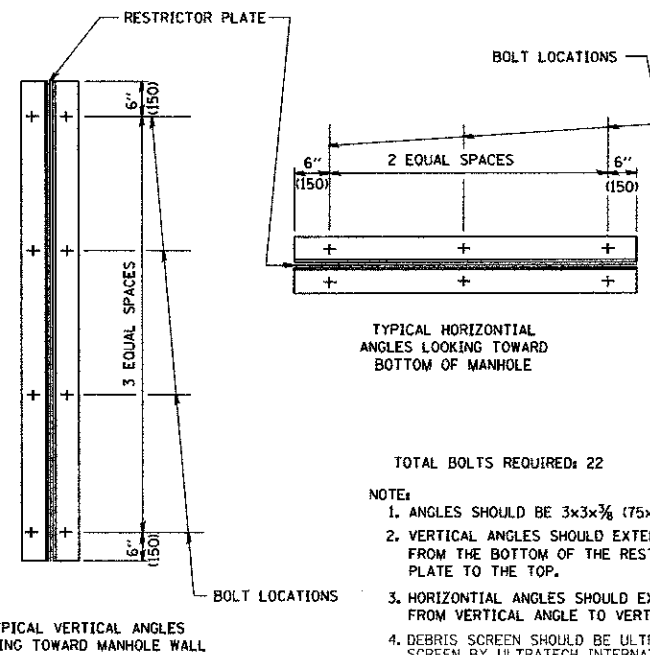
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

Revised 8/21/2012 S.S.M.



- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
  2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH

ROUTE (ST#)	STATION	MANHOLE DIAMETER (FEET)	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR DIAMETER - STAGE 1 (INCHES) d1	INVERT OF RESTRICTOR DIAMETER - STAGE 1	INSIDE RESTRICTOR DIAMETER - STAGE 2 (INCHES) d2	INVERT OF RESTRICTOR DIAMETER - STAGE 2	ELEVATION OF TOP OF PLATE
MILLER ROAD (159)	580+00.00 LT	8	TIF CL	2	2-1/4	739.40	4	741.25	744.00



- NOTE:
1. ANGLES SHOULD BE 3x3x3/8 (75x75x75)
  2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
  3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.
  4. DEBRIS SCREEN SHOULD BE ULTRA-DEBRIS SCREEN BY ULTRATECH INTERNATIONAL (OR EQUAL) WWW.SPILLCONTAINMENT.COM/DEBRIS-SCREEN

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

8/27/2012

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

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen Professional Design Firm # 104-001322  
 DATE PLOTTED: 9/6/2012 8:07:19 AM  
 FILE NAME: 090071-ds1-06.dgn  
 PLOT DRIVER: pdf.plt  
 PLOT TABLE: standard-trans.tbl



USER NAME = charlie	DESIGNED - JPA	REVISED -
FILE NAME = 090071-ds1-06.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JLP	REVISED -
PLOT DATE = 9/6/2012	DATE - 8/24/12	REVISED -

MCHENRY COUNTY  
 DIVISION OF TRANSPORTATION

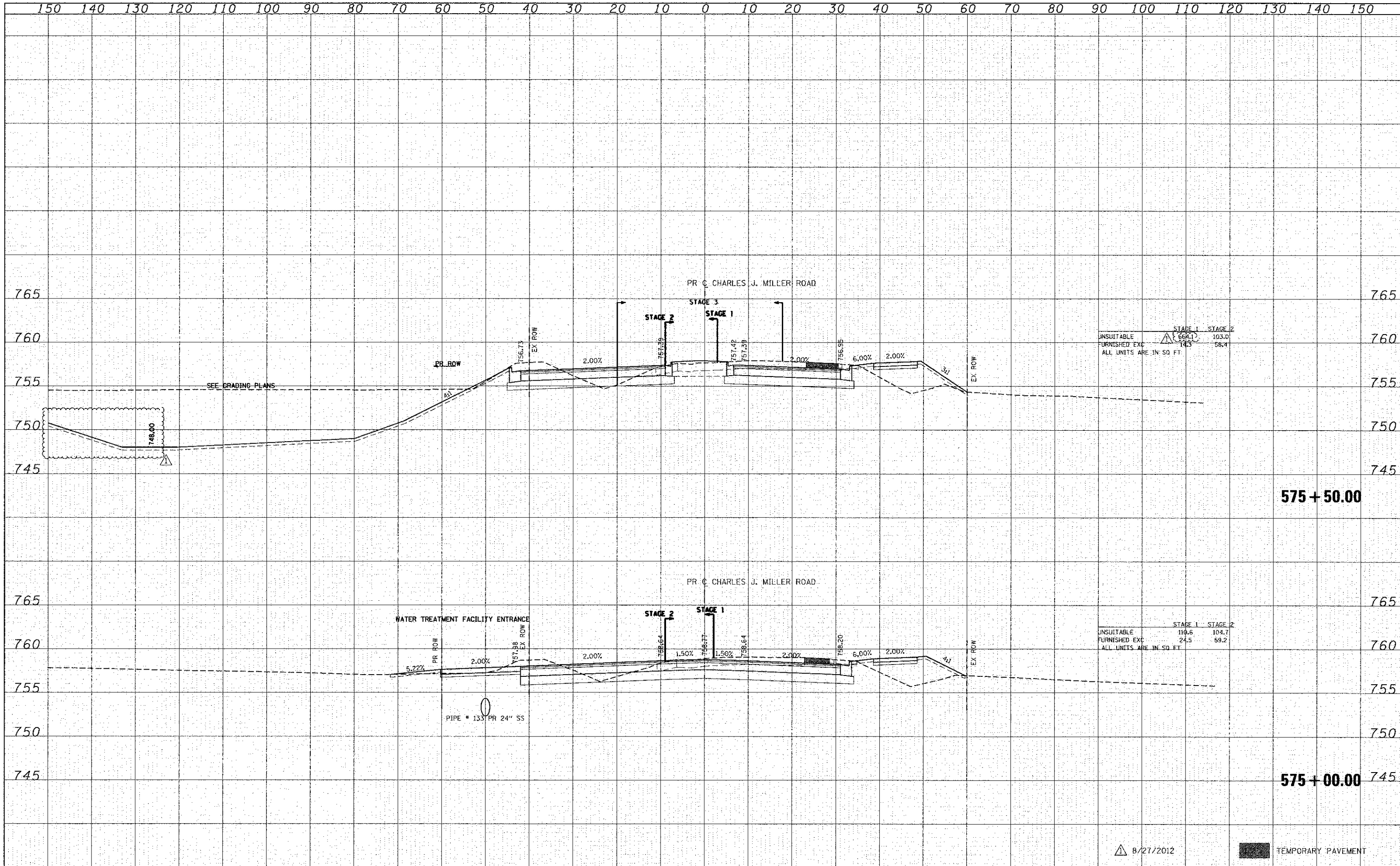
MANHOLE WITH  
 RESTRICTOR PLATE

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

F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY MCHENRY	TOTAL SHEETS 252	SHEET NO. 188
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 63633				

FINAL SURVEY	DATE
SURVEYED	BY
NOTES	NO.
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTES	NO.
AREAS CHECKED	



STAGE 1		STAGE 2	
UNSUITABLE	664.1	103.0	
FURNISHED EXC	145	58.4	
ALL UNITS ARE IN SQ FT.			

STAGE 1		STAGE 2	
UNSUITABLE	110.6	104.7	
FURNISHED EXC	24.5	59.2	
ALL UNITS ARE IN SQ FT.			

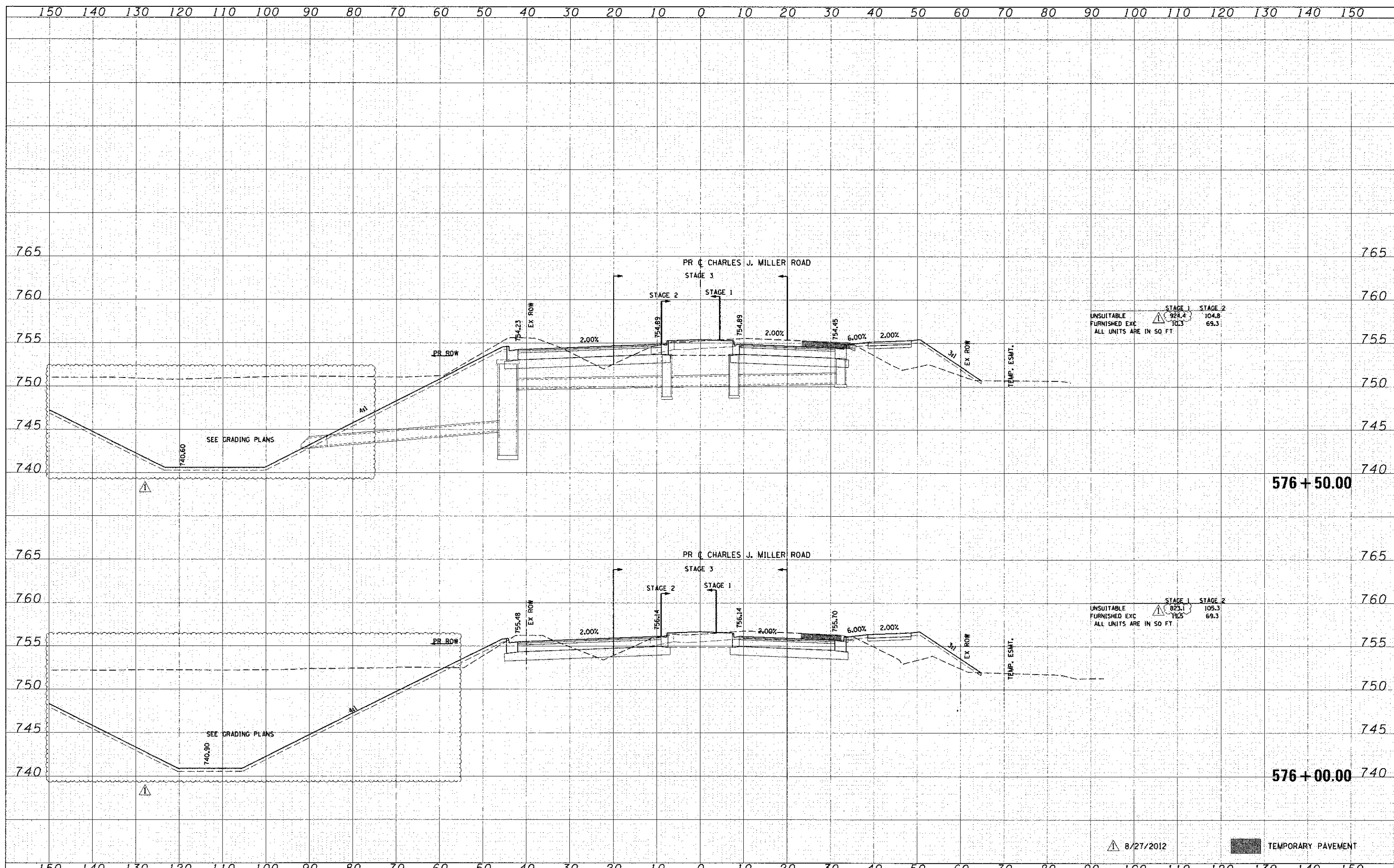
8/27/2012

TEMPORARY PAVEMENT



DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMP. PLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

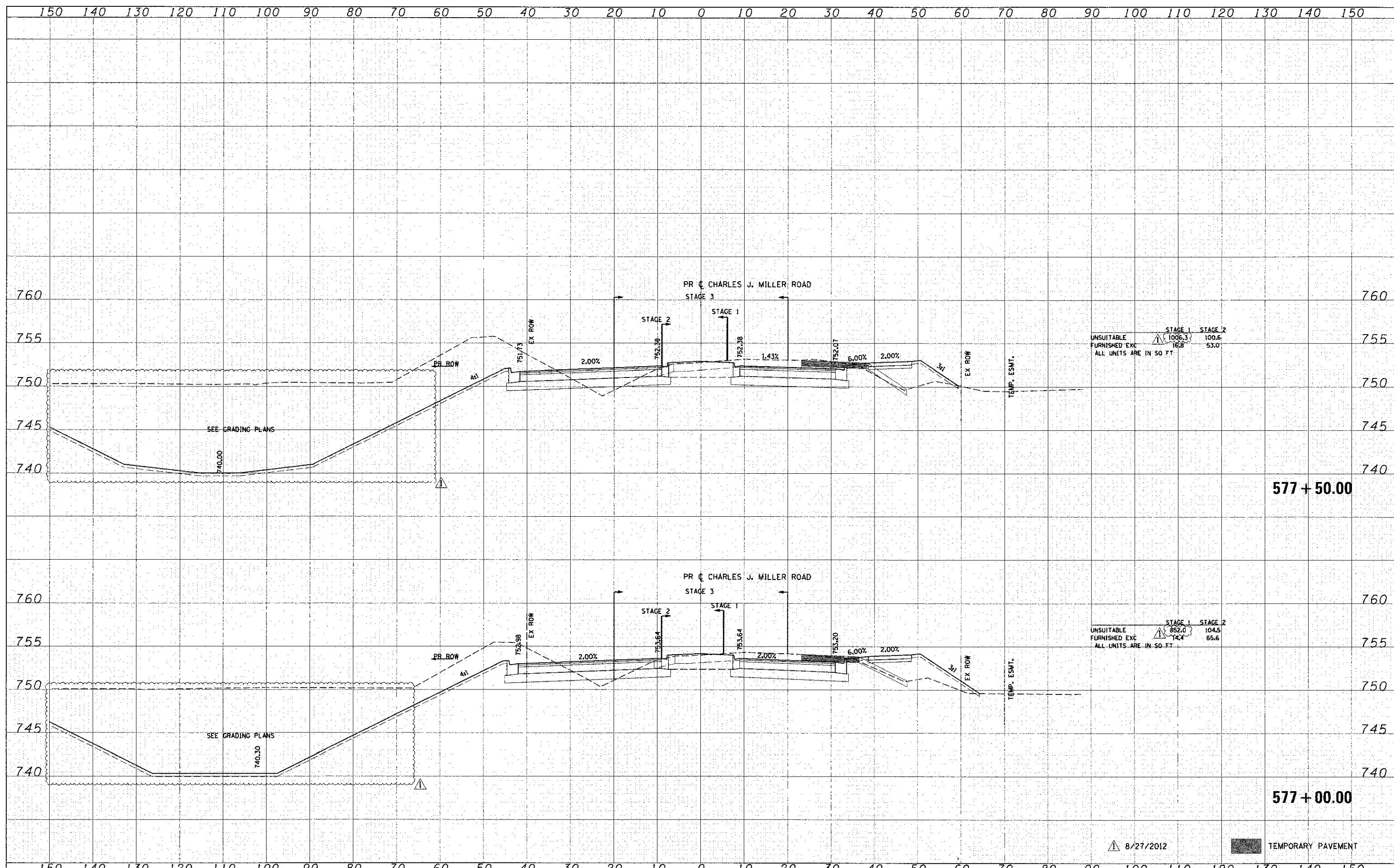


150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150												
HRGreen.com 1845 Professional Design Firm # 184-001322															USER NAME - jettans DESIGNED - CMH DRAWN - SVJ CHECKED - JLP PLOT DATE - 9/5/2012			REVISIONS REVISIONS - REVISIONS - REVISIONS - REVISIONS -			<b>MCHENRY COUNTY</b> <b>DIVISION OF TRANSPORTATION</b>										<b>PROPOSED CROSS SECTIONS</b> <b>CHARLES J. MILLER ROAD</b>										F.A.I.L. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY CONTRACT NO. 63633	
															SCALE: 1" = 10' SHEET NO. 12 OF 62 SHEETS STA. 576+00.00 TO STA. 576+50.00										8/27/2012 TEMPORARY PAVEMENT																	



FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

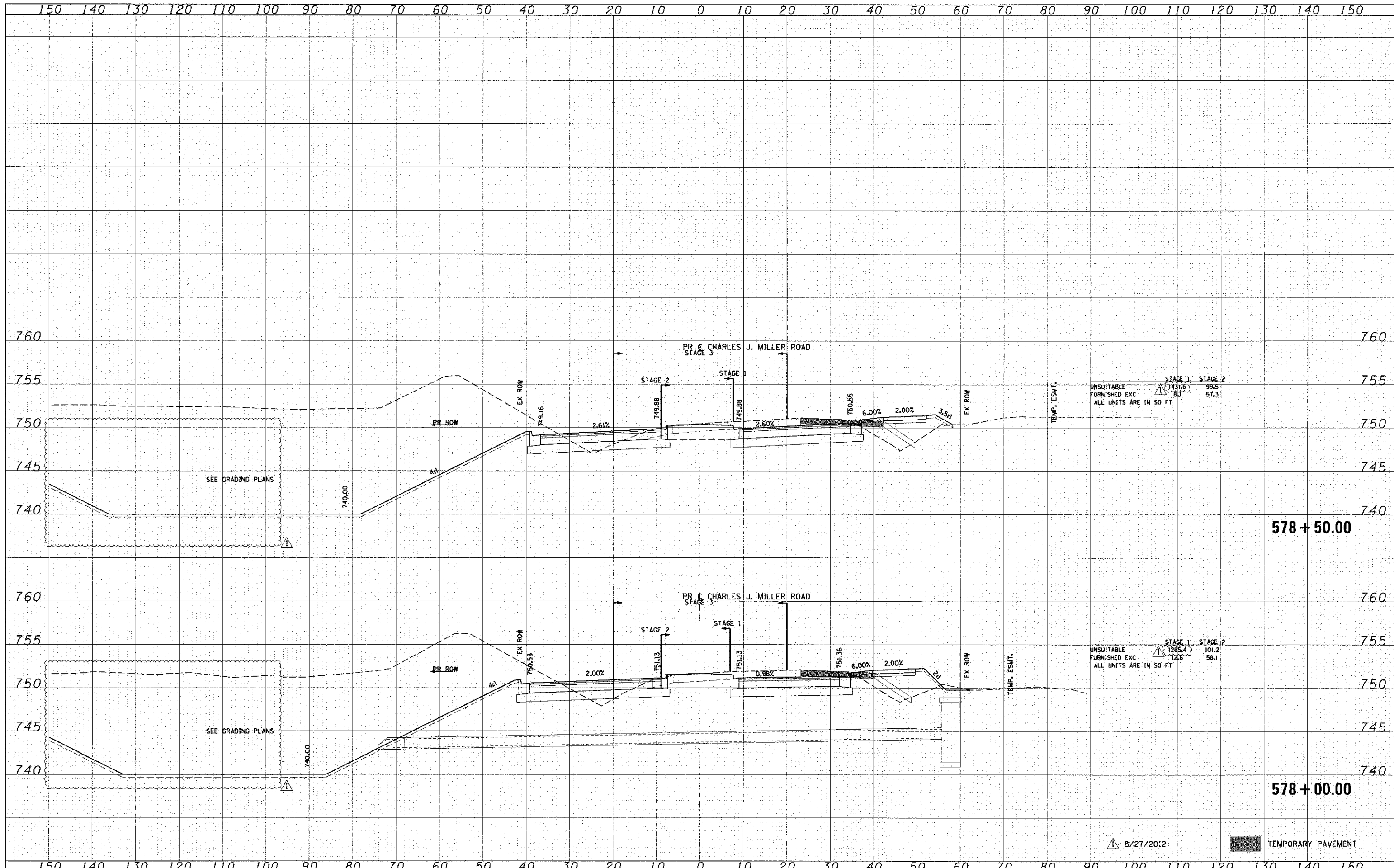
ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



HRGreen.com Illinois Professional Design Firm #184403322	USER NAME - jettano DESIGNED - CMH DRAWN - SVJ CHECKED - JLP PLOT DATE - 9/5/2012	REVISED - REVISED - REVISED - REVISED -	<b>MCHENRY COUNTY</b> <b>DIVISION OF TRANSPORTATION</b>	<b>PROPOSED CROSS SECTIONS</b> <b>CHARLES J. MILLER ROAD</b>	F.A.I. RTE. - 3860 SECTION - 09-00372-00-PW COUNTY - MCHENRY CONTRACT NO. - FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT 63633	TOTAL SHEET NO. - 203 SHEETS - 252
	SCALE: 1" = 10' SHEET NO. 13 OF 62 SHEETS STA. 577+00.00 TO STA. 577+50.00					

DATE	
BY	
FINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
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NOTE BOOK	
AREAS CHECKED	
NO.	

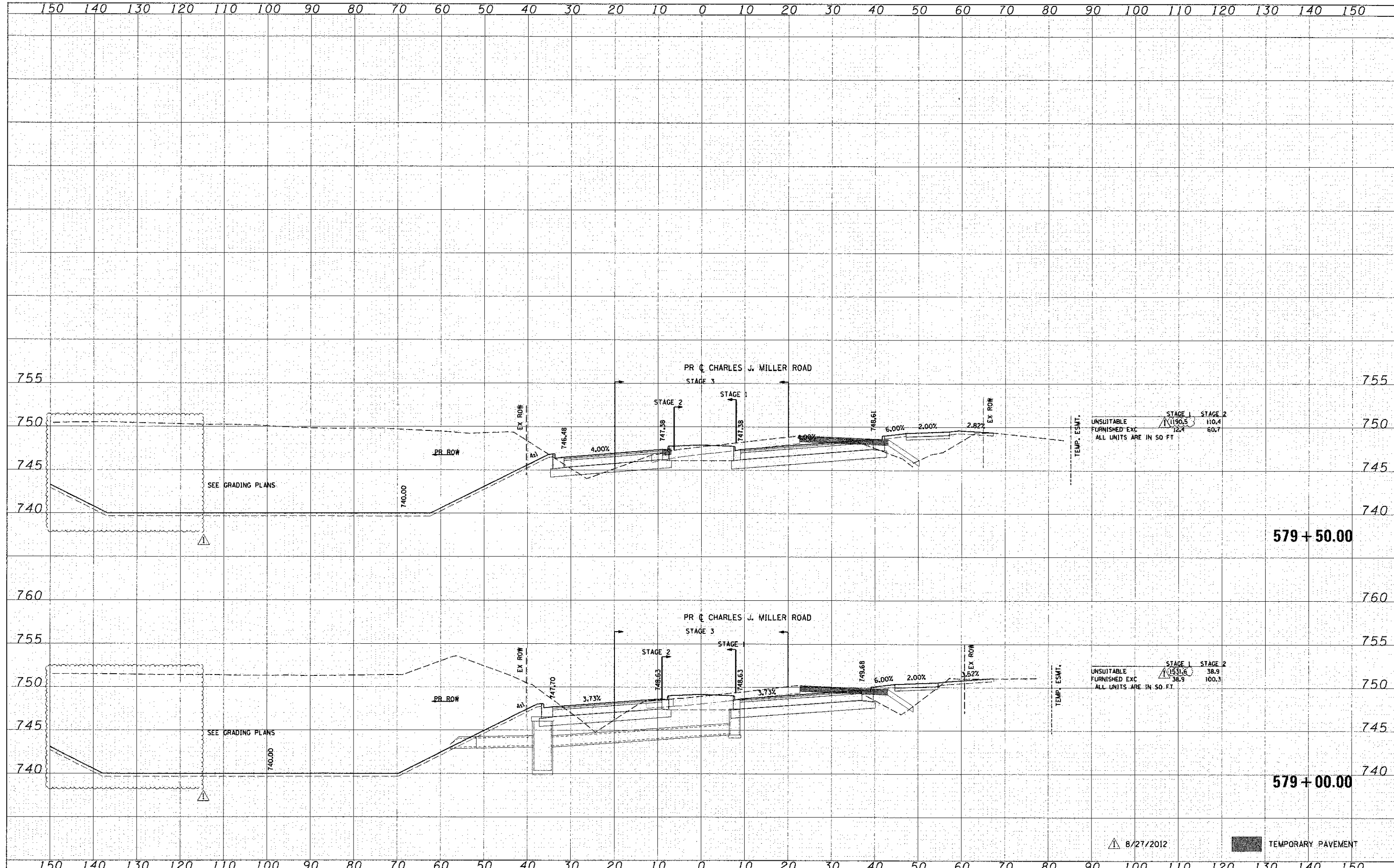


	USER NAME = jettano PLOT SCALE = 1" = 10' PLOT DATE = 9/5/2012	DESIGNED - CMH DRAWN - SVJ CHECKED - JLP DATE - 8/24/12	REVISED - REVISED - REVISED - REVISED -	<b>MCHENRY COUNTY</b> <b>DIVISION OF TRANSPORTATION</b>	<b>PROPOSED CROSS SECTIONS</b> <b>CHARLES J. MILLER ROAD</b>	F.A.L. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY TOTAL SHEETS 252 SHEET NO. 204 CONTRACT NO. 63633
	SCALE: 1" = 10' SHEET NO. 14 OF 62 SHEETS STA. 578+00.00 TO STA. 578+50.00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

8/27/2012 TEMPORARY PAVEMENT

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_



	USER NAME : jettane PLOT SCALE : 1" = 10' PLOT DATE : 9/5/2012	DESIGNED - CMH DRAWN - SVJ CHECKED - JLP DATE - 8/24/12	REVISED - REVISED - REVISED - REVISED -	<b>MCHENRY COUNTY</b> <b>DIVISION OF TRANSPORTATION</b>	<b>PROPOSED CROSS SECTIONS</b> <b>CHARLES J. MILLER ROAD</b>	F.A.U. RTE. 3860 SECTION 09-00372-00-PW COUNTY MCHENRY CONTRACT NO. 252 TOTAL SHEETS 205 SHEET NO. 15 OF 62 SHEETS STA. 579+00.00 TO STA. 579+50.00 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT 63633
	SCALE: 1" = 10'    SHEET NO. 15 OF 62 SHEETS    STA. 579+00.00 TO STA. 579+50.00					

HRGreen.com  
 Illinois Professional Design Firm  
 818-001922

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

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

