

11-21-14 LETTING ITEM 032

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

**FAU 1318 (BODE ROAD)  
WOODLAWN STREET TO PARKER DRIVE  
RECONSTRUCTION  
SECTION: 09-00099-00-PV  
PROJECT: M-9003 (770)  
VILLAGE OF HOFFMAN ESTATES  
COOK COUNTY  
JOB: C-91-354-11  
PROJECT LOCATION MAP  
VILLAGE OF HOFFMAN ESTATES  
N.T.S.**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	1
FED. ROAD DIST. NO 1 ILLINOIS		CONTRACT NO. 61A72		

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

**TRAFFIC DATA**

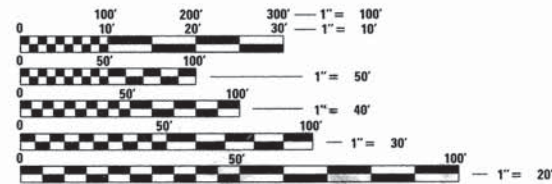
ADT: BODE ROAD 7,700 VPD (2010)

	SPEED POSTED	DESIGN SPEED
BODE ROAD	25 MPH	30 MPH

**DESIGN DESIGNATION**

FAU 1318 (BODE ROAD) - COLLECTOR

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

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.

**PROJECT LOCATED IN THE VILLAGE OF HOFFMAN ESTATES**

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



JACK R. MELHUISE, P.E.  
EXPIRES: 11-30-15

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021 SCHAUMBURG, IL

**PROJECT ENGINEER: J. MELHUISE  
PROJECT MANAGER: A. CHAUDHRY  
CONTRACT NO. 61A72**



PROJECT BEGINS STA. 00+05

PROJECT ENDS STA. 44+28

**LOCATION MAP  
SCHAUMBURG TOWNSHIP**

**PROJECT LENGTH  
NET AND GROSS LENGTH OF PROJECT = 4,423 FT. = 0.84 MILES**



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED August 13 2014  
*Kary Salantich*  
VILLAGE OF HOFFMAN ESTATES

PASSED August 28 2014  
*C. Holt* CHRISTOPHER HOLT  
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED REVIEW August 28 2014  
*John Fortson*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER



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

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**INDEX OF SHEETS**

1	COVER SHEET
2 - 3	GENERAL NOTES, INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS
4 - 5	SUMMARY OF QUANTITIES
6 - 7	TYPICAL SECTIONS
8 - 10	EARTHWORK SCHEDULES
11	ALIGNMENT, TIES AND BENCHMARKS
12 - 15	REMOVAL PLAN
16 - 24	ROADWAY PLAN AND PROFILE
25	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - GENERAL NOTES AND TYPICAL SECTIONS
26	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - DETOUR PLAN
27 - 29	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - STAGE 1
30 - 32	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - STAGE 2
33 - 35	SUGGESTED MAINTENANCE OF TRAFFIC PLAN - STAGE 3
36 - 39	EROSION CONTROL PLAN
40 - 48	DRAINAGE AND UTILITY PLAN
49 - 51	WATER MAIN PLAN & DETAILS
52 - 56	INTERSECTION GRADING PLAN & SIDEWALK RAMP DETAILS
57 - 61	PAVEMENT MARKING AND SIGNING PLAN
62 - 65	LANDSCAPING PLAN
66 - 75	LIGHTING PLAN
76	CONSTRUCTION DETAILS
77 - 85	IDOT DISTRICT 1 DETAILS
86 - 111	CROSS SECTIONS

**DISTRICT ONE DETAILS**

STANDARD NO.	LIST OF DESCRIPTION
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER $\geq 15'$ (4.5m)
BD-02	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB $< 15'$ (4.5m)
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION PLAN SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

**STATE STANDARDS**

STANDARD NO.	LIST OF DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006-00	DECIMAL OF AN INCH AND OF A FOOT
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-01	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
601001-04	SUB-SURFACE DRAINS
602301-04	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604006-04	FRAME AND GRATE, TYPE 3
604011-04	FRAME AND GRATE, TYPE 3V
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
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
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
825021-02	LIGHTING CONTROLLER BASE MOUNTED, 240V

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DATE PLOTTED: 9/4/2014 11:26:19 AM  
 FILE NAME: 460-gen01.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-trans-screen-1000.tbl



USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-gen01.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS, AND DISTRICT ONE DETAILS**

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	2
CONTRACT NO. 61A72				

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

**GENERAL NOTES**

BOXED ITEMS INDICATE WORK INCLUDED IN THE COST OF THE CONTRACT OR BY OTHERS.

- 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 THEM 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 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD 88 DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- 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.

10. 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.

11. DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. OR UNLESS OTHERWISE NOTED.

12. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF ROADWAY CONSTRUCTIONS, TO SET THEM IN THEIR PERMANENT LOCATIONS PER UNITED STATES POST OFFICE REQUIREMENTS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN MOBILIZATION.

13. IN ADDITION TO THE REQUIREMENTS OF SECTION 107.01 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF EXCAVATED MATERIALS FROM THE PROJECT SITE. THE CONTRACTOR WILL MEET ALL REQUIREMENTS SET FORTH BY THE IEPA AND PUBLIC ACT 96-1416 IN REGARDS TO CLEAN CONSTRUCTION AND DEMOLITION DEBRIS WHICH MAY INCLUDE, BUT NOT LIMITED TO, FIELD AND LABORATORY ANALYSES, CERTIFICATION FROM A LICENSED PROFESSIONAL ENGINEER, DUMPING FEES AND DOCUMENTATION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

14. THE ENGINEER AND/OR ITS REPRESENTATIVE WILL BE PROVIDING CONSTRUCTION LAYOUT AND STAKING OF THE PROPOSED IMPROVEMENTS. IF CONTRACTOR'S OPERATIONS DAMAGE THE LAYOUT, THE VILLAGE MAY CHARGE THE CONTRACTOR A FEE TO COVER THE ADDITIONAL COSTS INCURRED BY THE VILLAGE FOR LAYOUT

**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.

**GENERAL NOTES (CONT.)**

3. 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 OWNER AT THE CONTRACTOR'S EXPENSE.

4. ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.

5. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

6. 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.

7. 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.

8. STORM SEWER REMOVAL AND PIPE CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN THE EXISTING PIPE IS IN THE SAME TRENCH AS THE PROPOSED PIPE. THE REMOVAL WILL BE INCLUDED IN THE COST OF THE PIPE BEING INSTALLED. TRENCH BACKFILL REQUIRED TO FILL AREAS OF STORM SEWER OR PIPE CULVERT REMOVAL WHERE THERE IS NO REPLACEMENT WILL BE INCLUDED IN THE COST OF THE REMOVAL.

9. 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 DRAINAGE STRUCTURE.

10. ALL STORM SEWER PIPES SHALL BE CLEANED PRIOR TO ACCEPTANCE BY THE VILLAGE. THE STORM SEWER WILL BE TELEVISED PRIOR TO ACCEPTANCE AND THE COST WILL BE INCLUDED IN THE COST OF THE PIPE BEING INSTALLED.

11. 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 PROPOSED DRAINAGE

12. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE VILLAGE AND BE DELIVERED TO THE PUBLIC WORKS DEPARTMENT (847)490-6800, 2305 PEMBROKE DRIVE, HOFFMAN ESTATES, IL 60169

13. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, OR INLET, 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." 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.

14. 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.

15. ALL STORM SEWER AND PIPE CULVERTS CLASS A 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 UNIT PRICE OF STORM SEWER OR PIPE CULVERTS.

16. WATER MAY NOT BE OBTAINED FROM UNMETERED HYDRANTS, STREAMS, CREEKS, OR SURFACE BODIES OF WATER. 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. THE CONTRACTOR MAY CONTACT PUBLIC WORKS FOR A METER FOR WATER ON-SITE.

17. 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.

**GENERAL NOTES (CONT.)**

18. AT PIPE CULVERT AND STORM SEWER REMOVAL AND REPLACEMENT LOCATIONS, DETAIL BD-22 SHALL BE MODIFIED TO SHOW TRENCH BACKFILL SHALL BE PLACED TO TO TOP OF THE TRENCH AS A TEMPORARY CONDITION UNTIL THE FULL-DEPTH PATCH OR DRIVEWAY PAVEMENT IS CONSTRUCTED. MAINTENANCE OF THE TRENCH BACKFILL SURFACE IN THE TEMPORARY CONDITION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. REMOVAL OF THE TRENCH BACKFILL TO CONSTRUCT THE PATCH OR DRIVEWAY PAVEMENT WILL NOT BE PAID FOR SEPARATELY. THIS WORK WILL BE INCLUDED IN THE COST OF THE PATCH.

19. GRATING FOR CONCRETE FLARED END SECTIONS WILL BE REQUIRED ON ALL FLARED END SECTIONS IN ACCORDANCE WITH SECTION 542 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE INCLUDED IN THE COST OF THE FLARED END SECTION BEING INSTALLED.

**BACKFILL**

1. STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.

2. 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.

3. COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED IN THE DRAINAGE SCHEDULES, INCLUDING BEDDING MATERIAL, SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID OF THE ASSOCIATED DRAINAGE STRUCTURE.

**SIGNING AND STRIPING**

1. SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.

2. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.

3. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF TRAFFIC CONTROL AND PROTECTION.

4. ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.

5. 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 728 OF THE STANDARD SPECIFICATIONS.

**EROSION CONTROL PLANS**

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

**TRAFFIC CONTROL**

1. SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.

2. THE CONTRACTOR SHALL PLACE UP TO TWO CHANGEABLE MESSAGE SIGNS ON THE PROJECT. 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**

1. PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL.

2. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.

3. AGGREGATE SUBGRADE IMPROVEMENT IN CU YD (AS) HAS BEEN PROVIDED FOR GENERAL USE. THE ACTUAL NEED FOR REMOVAL OF UNSUITABLE AND UNSTABLE SOILS AND REPLACEMENT WITH ASI 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.

4. COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED, INCLUDING BEDDING MATERIAL, SHALL BE CONSIDERED IN THE UNIT PRICE BID.

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:21:23 AM  
 FILE NAME: 460-gen02.dgn  
 PLOT NUMBER: 01/01/1  
 PLOT TABLE: standard-frame-screen-1000.tbl



USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-gen02.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	3
CONTRACT NO.				61A72

**SUMMARY OF QUANTITIES**

CODE NO	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STP 80% FEDERAL 20% VILLAGE 0004	LIGHTING STP 80% FEDERAL 20% VILLAGE 0021	WATERMAIN 100% LOCAL 0043
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	220	222		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	138	138		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	30	30		
20200100	EARTH EXCAVATION	CU YD	2,583	2,583		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,826	1,826		
20800150	TRENCH BACKFILL	CU YD	264	264		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	22,312	22,312		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	13,000	13,000		
21400100	GRADING AND SHAPING DITCHES	FOOT	520	520		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	205	205		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	205	205		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	205	205		
25200100	SODDING	SQ YD	13,000	13,000		
25200200	SUPPLEMENTAL WATERING	UNIT	50	50		
28000400	PERIMETER EROSION BARRIER	FOOT	3,921	3,921		
28000510	INLET FILTERS	EACH	36	36		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,949	1,949		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	22,312	22,312		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,050	1,050		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	288	288		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	352	352		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	19	19		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NTO	TON	137	137		
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	41	41		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	121	121		
40701831	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 7 1/2"	SQ YD	20,648	20,648		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,443	10,443		
42400800	DETECTABLE WARNINGS	SQ FT	418	418		
44000100	PAVEMENT REMOVAL	SQ YD	21,485	21,485		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	953	953		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	474	474		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9,157	9,157		
44000600	SIDEWALK REMOVAL	SQ FT	4,179	4,179		
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	40	40		
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	33	33		
550A2510	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 10"	FOOT	182	182		
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	193	193		
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	41	41		
55100300	STORM SEWER REMOVAL 8"	FOOT	111	111		
55100400	STORM SEWER REMOVAL 10"	FOOT	379	379		

**SUMMARY OF QUANTITIES (CONTD.)**

CODE NO	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STP 80% FEDERAL 20% VILLAGE 0004	LIGHTING STP 80% FEDERAL 20% VILLAGE 0021	WATERMAIN 100% LOCAL 0043
55100500	STORM SEWER REMOVAL 12"	FOOT	72	72		
55100700	STORM SEWER REMOVAL 15"	FOOT	36	36		
55100900	STORM SEWER REMOVAL 18"	FOOT	45	45		
56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	1			1
56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	1			1
56105000	WATER VALVES 8"	EACH	1			1
56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH	5			5
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	1			1
60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	479	479		
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	5	5		
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60222270	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1		
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
60260100	INLETS TO BE ADJUSTED	EACH	2	2		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	9	9		
60500040	REMOVING MANHOLES	EACH	3	3		
60500060	REMOVING INLETS	EACH	24	24		
60500405	FILLING VALVE VAULTS	EACH	1			1
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	225	225		
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	300	300		
67100100	MOBILIZATION	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	8	8		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,565	3,565		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,876	9,876		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	32	32		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	12,320	12,320		
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	106	106		
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	44	44		
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	128	128		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	9,004	9,004		
72000100	SIGN PANEL - TYPE 1	SQ FT	327	327		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	16	16		
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	77	77		
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	14	14		
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7		
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	64	64		

\* SPECIAL PROVISION

\* SPECIAL PROVISION Δ SPECIALTY ITEMS

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENTS: Illinois Professional Design Firm  
 DATE PLOTTED: 10/13/2014 10:07 PM  
 FILE NAME: 460-sum.dgn  
 PLOT DRIVER: pdf24t  
 PLOT TABLE: 0:transgr-trans-surf-elm-topo.tbl

HRGreen  
 HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = jmelhus	DESIGNED - TAY	REVISED -
FILE NAME = 460-sum.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 4
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STP 80% FEDERAL 20% VILLAGE 0004	LIGHTING STP 80% FEDERAL 20% VILLAGE 0021	WATERMAIN 100% LOCAL 0043
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	890	890		
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	46	46		
Δ 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	881	881		
Δ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	11,535	11,535		
Δ 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	9,929	9,929		
Δ 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,239	1,239		
Δ 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	310	310		
Δ 78200300	PRISMATIC CURB REFLECTOR	EACH	60	60		
Δ 78200430	GUARDRAIL MARKERS, TYPE C	EACH	17	17		
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	5,638	5,638		
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1	
Δ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1	
Δ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	495		495	
Δ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	50		50	
Δ 81603051	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,290		4,290	
Δ 81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	300		300	
Δ 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1		1	
Δ 83006500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12 FT. MAST ARM	EACH	9		9	
Δ 83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	17		17	
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	8		8	
Δ 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	8		8	
Δ A2002502	TREE, CARPINUS BETULUS FASTIGIATA (COLUMNAR EUROPEAN HORNBEAM), 3" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
Δ A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
Δ A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8		
Δ B2000566	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	9	9		
Δ B2006220	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8		
• Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	100	100		
Δ Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4		4	
• Z0056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	181	181		
• Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	45	45		
• Z0062456	TEMPORARY PAVEMENT	SQ YD	1,262	1,262		
• X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	80	80		
• X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	250	250		
• X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5		
• 406 00275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10,253	10,253		
• X 423 0800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" SPECIAL	SQ YD	300			
Δ X5610658	WATER MAIN TO BE ABANDONED, 8"	FOOT	580			580
Δ X5611108	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 8"	FOOT	580			580
Δ X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	3			3
• X6020074	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	EACH	20	20		

\* SPECIAL PROVISION

**SUMMARY OF QUANTITIES (CONTD.)**

CODE NO	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STP 80% FEDERAL 20% VILLAGE 0004	LIGHTING STP 80% FEDERAL 20% VILLAGE 0021	WATERMAIN 100% LOCAL 0043
• X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	9,120	9,120		
• XT010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
Δ XX007797	LUMINAIRE (SPECIAL)	EACH	27		27	

\* SPECIAL PROVISION  
Δ SPECIALTY ITEMS

COMPANY NAME: HRGreen  
PROJECT CONTACT: HRGreen.com  
CLIENT: Illinois Professional Design Firm  
DATE PLOTTED: 10/13/2014 11:03:13 PM  
FILE NAME: 460-sum02.dgn  
PLOT DRIVER: pdfcpl  
PLOT TABLE: 21x36in-11in-top-to-bottom.tbl

**HRGreen**  
Illinois Professional Design Firm  
# 184-001322



USER NAME = jmelhus	DESIGNED - TAY	REVISED -
FILE NAME = 460-sum02.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -

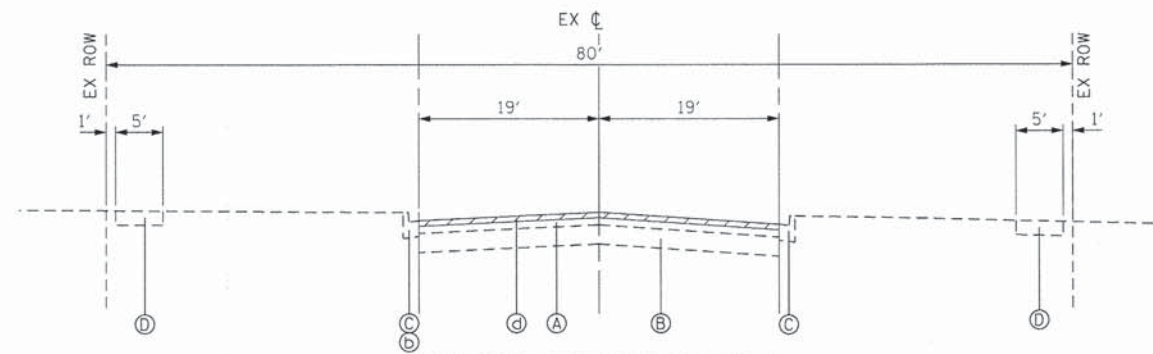
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

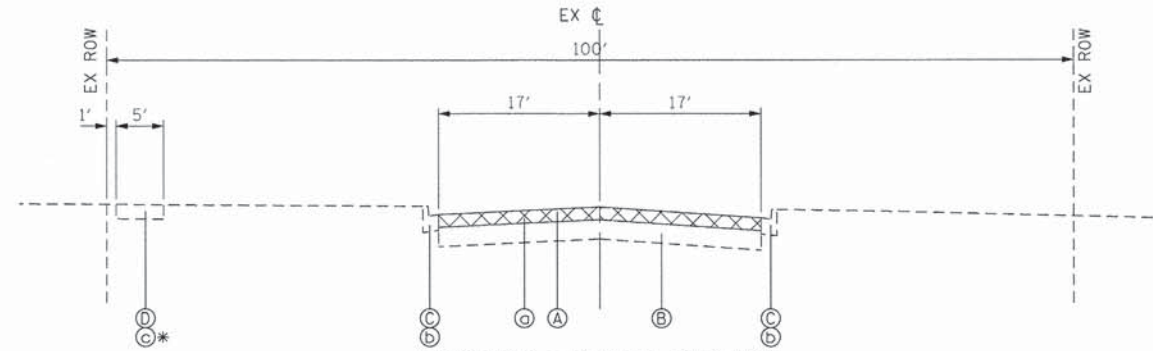
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	5
CONTRACT NO. 61A72			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

 DENOTES AREA OF HOT-MIX ASPHALT SURFACE REMOVAL  
 DENOTES AREA OF PAVEMENT REMOVAL



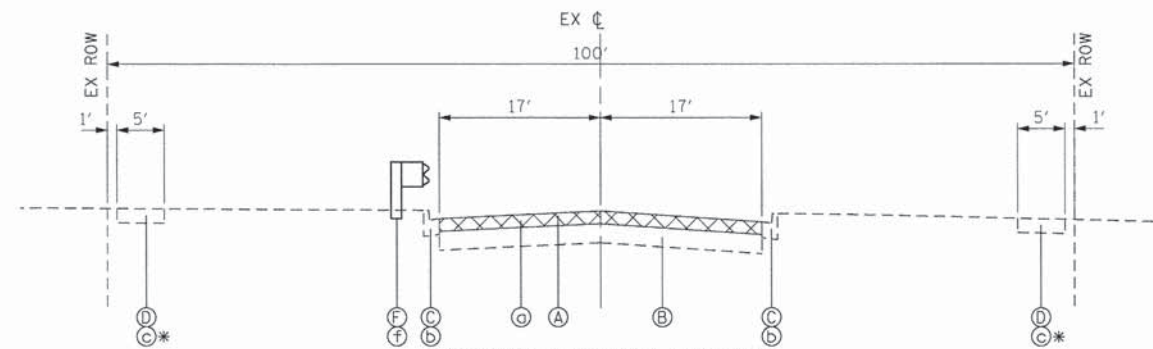
**EXISTING TYPICAL SECTION**

BRAINTREE DRIVE  
PROJECT BEGIN TO BODE ROAD  
STA 0+05 TO STA 2+11



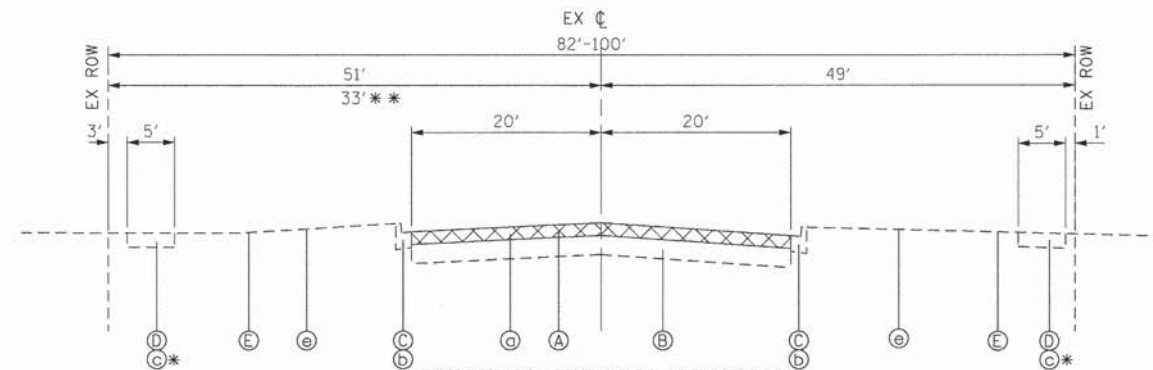
**EXISTING TYPICAL SECTION**

BODE ROAD  
BRAINTREE DRIVE TO WAINSFORD DRIVE (N)  
STA 2+11 TO STA 12+32



**EXISTING TYPICAL SECTION**

BODE ROAD  
WAINSFORD DRIVE (N) TO GANNON DRIVE/JODY LANE  
STA 12+32 TO STA 20+80



**EXISTING TYPICAL SECTION**

BODE ROAD  
GANNON DRIVE/JODY LANE TO BODE CIRCLE (E)  
STA 20+80 TO STA 44+28

**REMOVAL LEGEND**

- ⓐ PAVEMENT REMOVAL, 8"
- ⓑ COMBINATION CURB AND GUTTER REMOVAL
- ⓒ SIDEWALK REMOVAL
- ⓓ HOT-MIX ASPHALT REMOVAL, 8"
- ⓔ TOPSOIL REMOVAL
- ⓕ GUARDRAIL REMOVAL

**EXISTING LEGEND**

- Ⓐ HMA SURFACE AND BINDER
- Ⓑ POZZOLANIC AGGREGATE MIX
- Ⓒ B6.12 CURB & GUTTER
- Ⓓ PCC SIDEWALK
- Ⓔ EXISTING GROUND
- Ⓕ GUARDRAIL (STA 14+12 - STA 16+73)

\* SEE REMOVAL PLANS FOR LOCATIONS  
\*\* REDUCED ROW  
STA 36+31 TO STA 44+28

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322  
 CLIENT: 9/4/2014 11:21:36 AM  
 DATE PLOTTED: 460-tyo-01.dgn  
 FILE NAME: pdf.dft  
 PLOT DRIVER: s:\fordor-d\trans-scr\enr-topo.tbl  
 PEN TABLE:



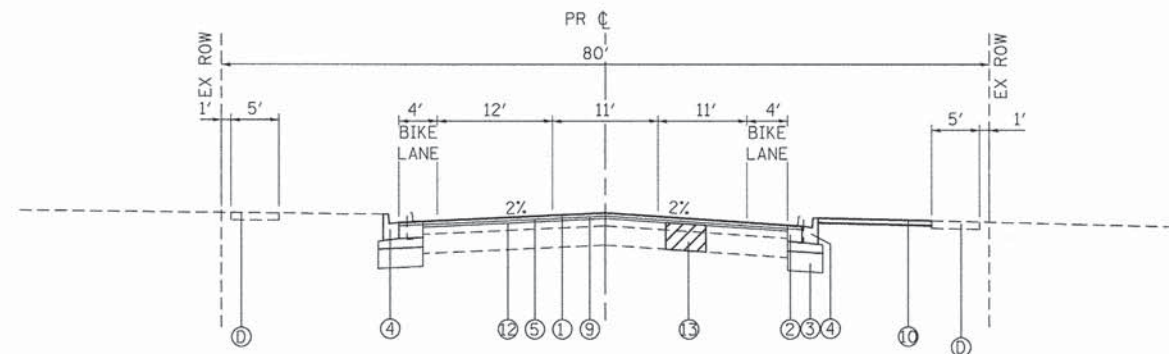
USER NAME = dstancz	DESIGNED - JRM	REVISED -
FILE NAME = 460-tyo-01.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
BODE ROAD**

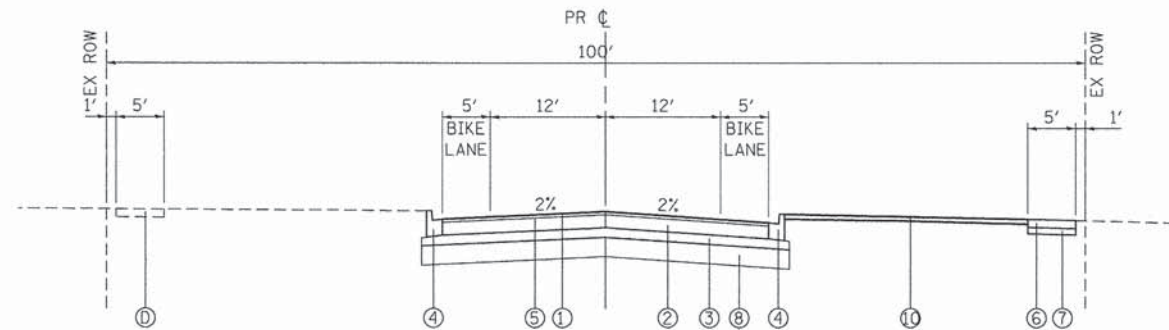
SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	



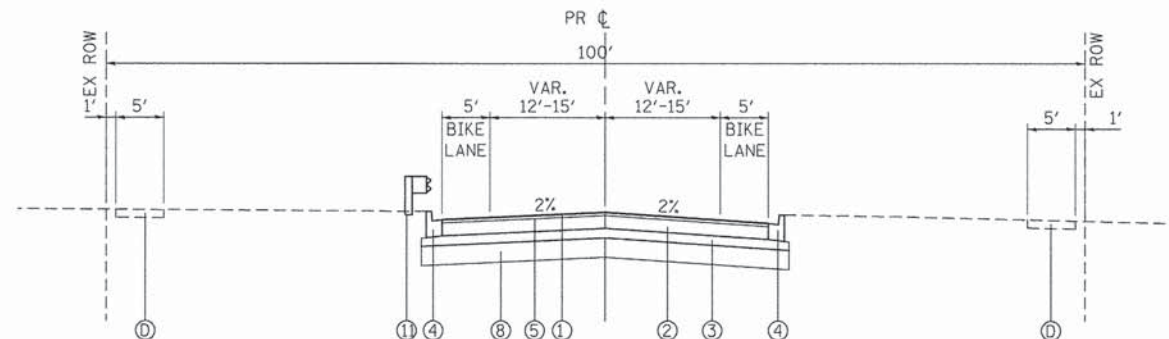
**PROPOSED TYPICAL SECTION**

BRAINTREE DRIVE  
PROJECT BEGIN TO BODE ROAD  
STA 0+05 TO STA 2+11



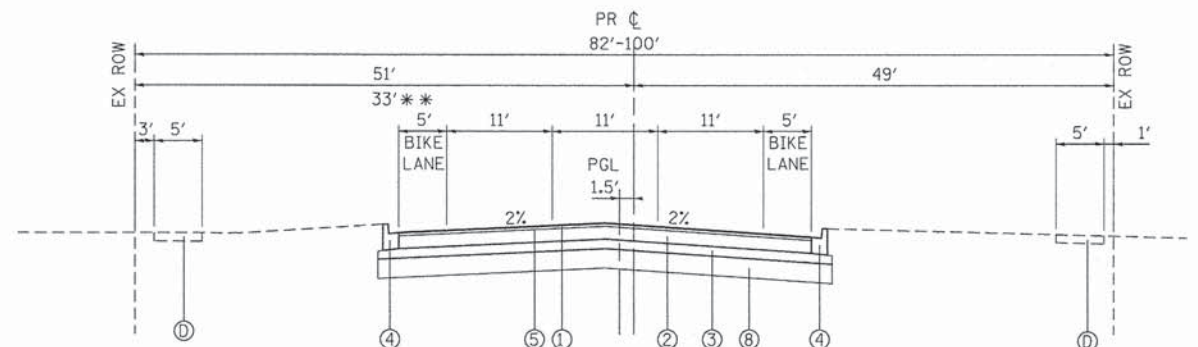
**PROPOSED TYPICAL SECTION**

BODE ROAD  
BRAINTREE DRIVE TO WAINSFORD DRIVE (N)  
STA 2+11 TO STA 12+32



**PROPOSED TYPICAL SECTION**

BODE ROAD  
WAINSFORD DRIVE (N) TO GANNON DRIVE/JODY LANE  
STA 12+32 TO STA 20+80



**PROPOSED TYPICAL SECTION**

BODE ROAD  
GANNON DRIVE/JODY LANE TO BODE CIRCLE (E)  
STA 20+80 TO STA 44+28

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>FULL DEPTH PAVEMENT</b>	
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 2"	4% @ 70 GYR.
HMA BINDER COURSE, IL-19mm, N70; 5.5" (2 LIFTS)	4% @ 70 GYR.
<b>PAVEMENT WIDENING</b>	
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 2"	4% @ 70 GYR.
HMA BINDER COURSE, IL-19mm, N70; 5.5" (2 LIFTS)	4% @ 70 GYR.
LEVELING BINDER, (MACHINE METHOD), N70	4% @ 70 GYR.
<b>DRIVEWAYS</b>	
HMA SURFACE COURSE, MIX "D", N50; (IL-9.5mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19mm); 6" or 8"	4% @ 50 GYR.
<b>TEMPORARY PAVEMENT</b>	
HMA SURFACE COURSE, MIX "D", N50; (IL-9.5mm); 2"	4% @ 50 GYR.
HMA BINDER COURSE, (HMA BINDER IL-19mm); 8"	4% @ 50 GYR.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

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.  
FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.  
FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

**BODE ROAD  
PAVEMENT CROSS SLOPE TABLE**

STATION	LEFT	RIGHT
14+65.00	-2.0%	-2.0%
14+90.00	0.0%	-2.0%
15+15.00	2.0%	-2.0%
15+23.00	2.67%	-2.67%
15+39.00	4.0%	-4.0%
16+22.00	4.0%	-4.0%
16+38.00	2.67%	-2.67%
16+46.00	2.0%	-2.0%
16+71.00	0.0%	-2.0%
16+96.00	-2.0%	-2.0%

**EXISTING LEGEND**

- Ⓐ HMA SURFACE AND BINDER
- Ⓑ POZZOLANIC AGGREGATE MIX
- Ⓒ B6.12 CURB & GUTTER
- Ⓓ PCC SIDEWALK

**PROPOSED LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 5.5"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PCC SIDEWALK 5"
- ⑦ AGGREGATE BASE COURSE, TYPE B 4"
- ⑧ AGGREGATE SUBGRADE IMPROVEMENT (CY)
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2"
- ⑩ SODDING, SALT TOLERANT
- ⑪ GUARDRAIL (STA. 14+12 - STA 16+73)
- ⑫ LEVELING BINDER
- ⑬ BASE PATCHING

\* AGGREGATE SUBGRADE IMPROVEMENT, ESTIMATED LOCATIONS OF 12" UNDERCUT STA 2+11 TO STA 2+50  
STA 30+00 TO STA 39+50  
\*\* REDUCED ROW STA 36+31 TO STA 44+28

COMPANY NAME: HRGreen  
PROJECT CONTACT: HRGreen.com  
DATE PLOTTED: 10/13/2014 11:50:20 AM  
FILE NAME: 460-tyo-02.dgn  
PLOT DRIVER: pldrvr  
PEN TABLE: standard-trans-screen-table.tbl



USER NAME = jmelhus	DESIGNED - JRM	REVISED -
FILE NAME = 460-tyo-02.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
BODE ROAD

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

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	

**BODE ROAD**

PRBODE	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE		
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	STAGE 1	STAGE 2
0+00.00													0.0	0.0	0.0
0+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0+00.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0+05.00	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
0+50.00	6.8	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0
1+00.00	6.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0
1+50.00	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
2+00.00	3.8	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0
2+50.00	20.6	21.3	0.0	0.0	78.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
2+67.53	11.9	13.7	0.0	0.0	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
3+00.00	16.1	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0
3+50.00	21.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
4+00.00	27.6	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
4+50.00	29.1	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0
5+00.00	30.5	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0
5+50.00	31.8	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0
6+00.00	23.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0
6+16.49	8.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0
6+50.00	23.9	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	0.0	0.0
7+00.00	32.9	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0
7+50.00	32.9	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0
8+00.00	33.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0
8+50.00	30.8	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0
9+00.00	28.1	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0
9+50.00	28.9	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0
10+00.00	29.8	21.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0	0.0
10+50.00	28.7	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0
11+00.00	27.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0
11+50.00	27.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0
12+00.00	26.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0
12+32.16	20.1	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0
12+50.00	10.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0
13+00.00	22.3	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0
13+50.00	19.4	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0
14+00.00	19.4	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7	0.0	0.0
14+50.00	19.4	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0
15+00.00	19.4	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0
15+50.00	19.6	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0
16+00.00	9.9	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0
16+50.00	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0
17+00.00	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0
17+50.00	0.0	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0
18+00.00	0.0	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0	0.0
18+50.00	0.0	27.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	0.0	0.0
19+00.00	0.0	38.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9	0.0	0.0
19+50.00	0.0	64.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5	0.0	0.0

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 10/13/2014 15:06:16 PM  
 FILE NAME: 460-sch.dgn  
 PLOT DRIVER: pdfcut  
 PEN TABLE: standard-trans-screen-top.dtl



USER NAME = dstancz  
 FILE NAME = 460-sch.dgn  
 PLOT SCALE = N.T.S.  
 PLOT DATE = 10/13/2014

DESIGNED - TAY  
 DRAWN - TAY  
 CHECKED - JRM  
 DATE - 8/18/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
 BODE ROAD**

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

F.A.U. RTE. 1318	SECTION 09-0099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 61A72		



BODE ROAD

PRBODE	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE		
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	STAGE 1	STAGE 2
20+00.00	0.0	89.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.9	0.0	0.0
20+50.00	9.3	111.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.9	0.0	0.0
20+79.92	5.5	36.9	0.0	0.0	0.0	0.9	0.6	0.0	0.0	5.2	35.2	0.0	29.5	0.5	28.2
21+00.00	0.0	0.0	0.0	0.0	0.0	0.7	9.6	0.0	0.0	5.2	36.9	0.0	0.0	7.6	29.5
21+50.00	0.0	0.0	0.0	0.0	0.0	4.3	44.1	0.0	0.0	11.0	71.5	0.0	0.0	35.3	57.2
22+00.00	0.0	0.0	0.0	0.0	0.0	8.1	40.8	0.0	0.0	13.3	72.7	0.0	0.0	32.6	58.2
22+50.00	0.0	0.0	0.0	0.0	0.0	8.1	34.8	0.0	0.0	13.3	53.9	0.0	0.0	27.8	43.1
23+00.00	0.0	0.0	0.0	0.0	0.0	8.7	25.6	0.0	0.0	13.3	29.3	0.0	0.0	20.5	23.4
23+50.00	0.0	0.0	0.0	0.0	0.0	10.5	17.8	0.0	0.0	13.3	17.0	0.0	0.0	14.2	13.6
24+00.00	0.0	0.0	0.0	0.0	0.0	12.7	10.5	0.0	0.0	6.7	15.1	0.0	0.0	8.4	12.1
24+50.00	0.0	0.0	0.0	0.0	0.0	14.7	14.2	0.0	0.0	6.6	13.4	0.0	0.0	11.3	10.7
25+00.00	0.0	0.0	0.0	0.0	0.0	15.7	22.6	0.0	0.0	13.1	12.8	0.0	0.0	18.1	10.2
25+50.00	0.0	0.0	0.0	0.0	0.0	15.8	19.0	0.0	0.0	13.1	8.9	0.0	0.0	15.2	7.1
26+00.00	0.0	0.0	0.0	0.0	0.0	15.8	11.4	0.0	0.0	13.1	6.0	0.0	0.0	9.1	4.8
26+50.00	0.0	0.0	0.0	0.0	0.0	15.7	7.1	0.0	0.0	13.0	7.7	0.0	0.0	5.7	6.1
27+00.00	0.0	0.0	0.0	0.0	0.0	15.8	6.4	0.0	0.0	15.2	37.3	0.0	0.0	5.1	29.8
27+22.83	0.0	0.0	0.0	0.0	0.0	7.3	2.6	0.0	0.0	4.0	18.6	0.0	0.0	2.1	14.9
27+50.00	0.0	0.0	0.0	0.0	0.0	8.7	3.1	0.0	0.0	0.6	7.5	0.0	0.0	2.5	6.0
28+00.00	0.0	0.0	0.0	0.0	0.0	15.9	7.6	0.0	0.0	7.6	11.1	0.0	0.0	6.0	8.8
28+50.00	0.0	0.0	0.0	0.0	0.0	15.9	12.4	0.0	0.0	13.0	11.1	0.0	0.0	9.9	8.9
29+00.00	0.0	0.0	0.0	0.0	0.0	16.0	16.7	0.0	0.0	13.1	13.2	0.0	0.0	13.4	10.6
29+50.00	0.0	0.0	0.0	0.0	0.0	14.9	17.9	0.0	0.0	13.1	14.0	0.0	0.0	14.4	11.2
29+71.41	0.0	0.0	0.0	0.0	0.0	6.7	11.5	0.0	0.0	5.6	9.1	0.0	0.0	9.2	7.3
30+00.00	0.0	0.0	0.0	0.0	0.0	8.0	14.1	0.0	13.4	7.5	13.9	0.0	0.0	11.3	11.1
30+50.00	0.0	0.0	0.0	0.0	0.0	10.7	11.8	0.0	46.2	13.1	17.9	0.0	0.0	9.4	14.3
31+00.00	0.0	0.0	0.0	0.0	0.0	11.1	9.4	0.0	45.4	13.0	12.6	0.0	0.0	7.5	10.0
31+50.00	0.0	0.0	0.0	0.0	0.0	11.2	9.7	0.0	45.4	13.1	10.5	0.0	0.0	7.8	8.4
32+00.00	0.0	0.0	0.0	0.0	0.0	11.4	13.3	0.0	45.4	13.1	10.3	0.0	0.0	10.7	8.2
32+50.00	0.0	0.0	0.0	0.0	0.0	15.0	25.8	0.0	45.4	13.1	6.9	0.0	0.0	20.6	5.5
32+63.25	0.0	0.0	0.0	0.0	0.0	4.1	6.6	0.0	12.0	3.5	0.9	0.0	0.0	5.3	0.7
33+00.00	0.0	0.0	0.0	0.0	0.0	8.8	5.5	0.0	33.3	9.6	1.4	0.0	0.0	4.4	1.1
33+50.00	0.0	0.0	0.0	0.0	0.0	11.7	3.6	0.0	45.4	13.0	0.9	0.0	0.0	2.9	0.8
34+00.00	0.0	0.0	0.0	0.0	0.0	11.9	3.8	0.0	45.4	13.0	1.1	0.0	0.0	3.0	0.9
34+50.00	0.0	0.0	0.0	0.0	0.0	11.9	4.0	0.0	45.4	13.1	2.6	0.0	0.0	3.2	2.0
35+00.00	0.0	0.0	0.0	0.0	0.0	12.0	8.6	0.0	45.4	13.1	7.7	0.0	0.0	6.9	6.1
35+50.00	0.0	0.0	0.0	0.0	0.0	12.1	14.1	0.0	45.4	13.1	17.7	0.0	0.0	11.3	14.1
36+00.00	0.0	0.0	0.0	0.0	0.0	13.4	9.3	0.0	62.4	16.9	42.7	0.0	0.0	7.4	34.2
36+05.44	0.0	0.0	0.0	0.0	0.0	1.6	0.2	0.0	8.7	2.3	7.2	0.0	0.0	0.1	5.8
36+50.00	0.0	0.0	0.0	0.0	0.0	8.4	1.1	0.0	55.7	17.5	54.3	0.0	0.0	0.9	43.4
36+63.35	0.0	0.0	0.0	0.0	0.0	1.2	0.2	0.0	12.0	4.9	14.7	0.0	0.0	0.1	11.8
37+00.00	0.0	0.0	0.0	0.0	0.0	4.3	2.8	0.0	33.1	11.9	25.5	0.0	0.0	2.3	20.4
37+50.00	0.0	0.0	0.0	0.0	0.0	7.3	4.3	0.0	45.4	14.2	9.7	0.0	0.0	3.5	7.8
37+52.81	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	2.5	0.8	0.5	0.0	0.0	0.1	0.4
38+00.00	0.0	0.0	0.0	0.0	0.0	5.9	2.3	0.0	42.7	13.5	5.9	0.0	0.0	1.9	4.7
38+50.00	0.0	0.0	0.0	0.0	0.0	4.4	2.8	0.0	45.4	14.3	1.5	0.0	0.0	2.3	1.2
39+00.00	0.0	0.0	0.0	0.0	0.0	3.8	3.3	0.0	45.4	14.2	1.2	0.0	0.0	2.6	1.0
39+50.00	0.0	0.0	0.0	0.0	0.0	4.4	3.1	0.0	45.4	14.1	1.4	0.0	0.0	2.5	1.1
40+00.00	0.0	0.0	0.0	0.0	0.0	4.4	5.0	0.0	22.7	14.0	0.8	0.0	0.0	4.0	0.6
40+50.00	0.0	0.0	0.0	0.0	0.0	4.1	6.2	0.0	0.0	13.9	0.7	0.0	0.0	5.0	0.5

COMPANY NAME: HRGreen  
 PROJECT CONTACT: Illinois Professional Design Firm  
 DATE PLOTTED: 10/13/2014 15:50:18 PM  
 FILE NAME: 460-sch.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-trans-screen-1900.tbl

**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-sch.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>		
<b>BODE ROAD</b>		
SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 9
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61A72	

BODE ROAD

PRBODE	STAGE 1 (CU YD)				STAGE 2 (CU YD)				STAGE 3 (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 20% SHRINKAGE		
	STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	STAGE 1	STAGE 2
41+00.00	0.0	0.0	0.0	0.0	4.3	6.6	0.0	0.0	13.9	1.1	0.0	0.0	0.0	5.3	0.9
41+50.00	0.0	0.0	0.0	0.0	3.9	9.1	0.0	0.0	13.2	2.6	0.0	0.0	0.0	7.3	2.1
42+00.00	0.0	0.0	0.0	0.0	5.5	19.2	0.0	0.0	13.1	3.8	0.0	0.0	0.0	15.3	3.0
42+28.69	0.0	0.0	0.0	0.0	4.1	15.9	0.0	0.0	9.2	19.6	0.0	0.0	0.0	12.7	15.7
42+40.33	0.0	0.0	0.0	0.0	1.7	6.8	0.0	0.0	4.3	15.7	0.0	0.0	0.0	5.4	12.5
42+50.00	0.0	0.0	0.0	0.0	1.4	6.4	0.0	0.0	3.5	14.8	0.0	0.0	0.0	5.1	11.8
43+00.00	0.0	0.0	0.0	0.0	6.2	34.9	0.0	0.0	11.3	55.1	0.0	0.0	0.0	27.9	44.0
43+50.00	0.0	0.0	0.0	0.0	3.5	22.3	0.0	0.0	4.3	19.6	0.0	0.0	0.0	17.8	15.7
44+00.00	0.0	0.0	0.0	0.0	1.9	6.7	0.0	0.0	4.2	8.2	0.0	0.0	0.0	5.4	6.6

TOTALS:	763.5	1035.8	0.0	105.8	469.2	634.8	0.0	934.6	592.8	913.1	0.0	908.9	828.6	507.8	730.5
---------	-------	--------	-----	-------	-------	-------	-----	-------	-------	-------	-----	-------	-------	-------	-------

TOTAL (CU YD)

20200100	EARTH EXCAVATION	2583.7
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1825.5
20400800	FURNISHED EXCAVATION	0.0
30300001	AGGREGATE SUBGRADE IMPROVEMENT	1949.3

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen  
 CLIENT: HRGreen  
 DATE PLOTTED: 10/13/2014 10:50:20 AM  
 FILE NAME: 460-sch.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-trans-screen-fppa.tbl



USER NAME = dstanez	DESIGNED - TAY	REVISED -
FILE NAME = 460-sch.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES  
BODE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	10
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO.			61A72	

**PROP. CURVE PRBODE-1**

PI STA. = 15+95.05  
 $\Delta = 87^\circ 19' 47''$  (RT)  
 $D = 76^\circ 23' 40''$   
 $R = 75.00'$   
 $T = 71.58'$   
 $L = 114.31'$   
 $E = 28.68'$   
 $e = 0.04$   
 $T.R. = 24.72'$   
 $S.E. RUN = 49.44'$   
 $P.C. STA. = 15+23.47$   
 $P.T. STA. = 16+37.78$

**BENCHMARKS**

**BENCHMARK 4:** NORTH-NORTHEAST UPPER FLANGE BOLT ON FIRE HYDRANT AT BODE ROAD STA 40+79 LT. ELEVATION = 828.42 (NAVD88)

**BENCHMARK 5:** NORTH-NORTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT AT BODE ROAD STA 30+50 RT. ELEVATION = 826.77 (NAVD88)

**BENCHMARK 6:** SOUTH-SOUTHEAST UPPER FLANGE BOLT ON FIRE HYDRANT AT BODE ROAD STA 29+40 LT. ELEVATION = 825.53 (NAVD88)

**BENCHMARK 7:** EAST-NORTHEAST UPPER FLANGE BOLT ON FIRE HYDRANT AT 780 JODY LANE. ELEVATION = 824.82 (NAVD88)

**BENCHMARK 8:** NORTH-NORTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT AT BODE ROAD STA 16+78 RT. ELEVATION = 820.38 (NAVD88)

**BENCHMARK 9:** "X" ON LIGHT POLE FOUNDATION AT BODE ROAD STA 12+52 LT AND WAINSFORD DRIVE (N) INTERSECTION. ELEVATION = 817.11 (NAVD88)

**BENCHMARK 10:** "X" ON LIGHT POLE FOUNDATION AT BODE ROAD STA 9+26 LT. ELEVATION = 813.66 (NAVD88)

**BENCHMARK 11:** NORTH-NORTHEAST UPPER FLANGE BOLT ON FIRE HYDRANT AT BODE ROAD STA 6+40 LT AND WAINSFORD DRIVE (S) INTERSECTION. ELEVATION = 811.17 (NAVD88)

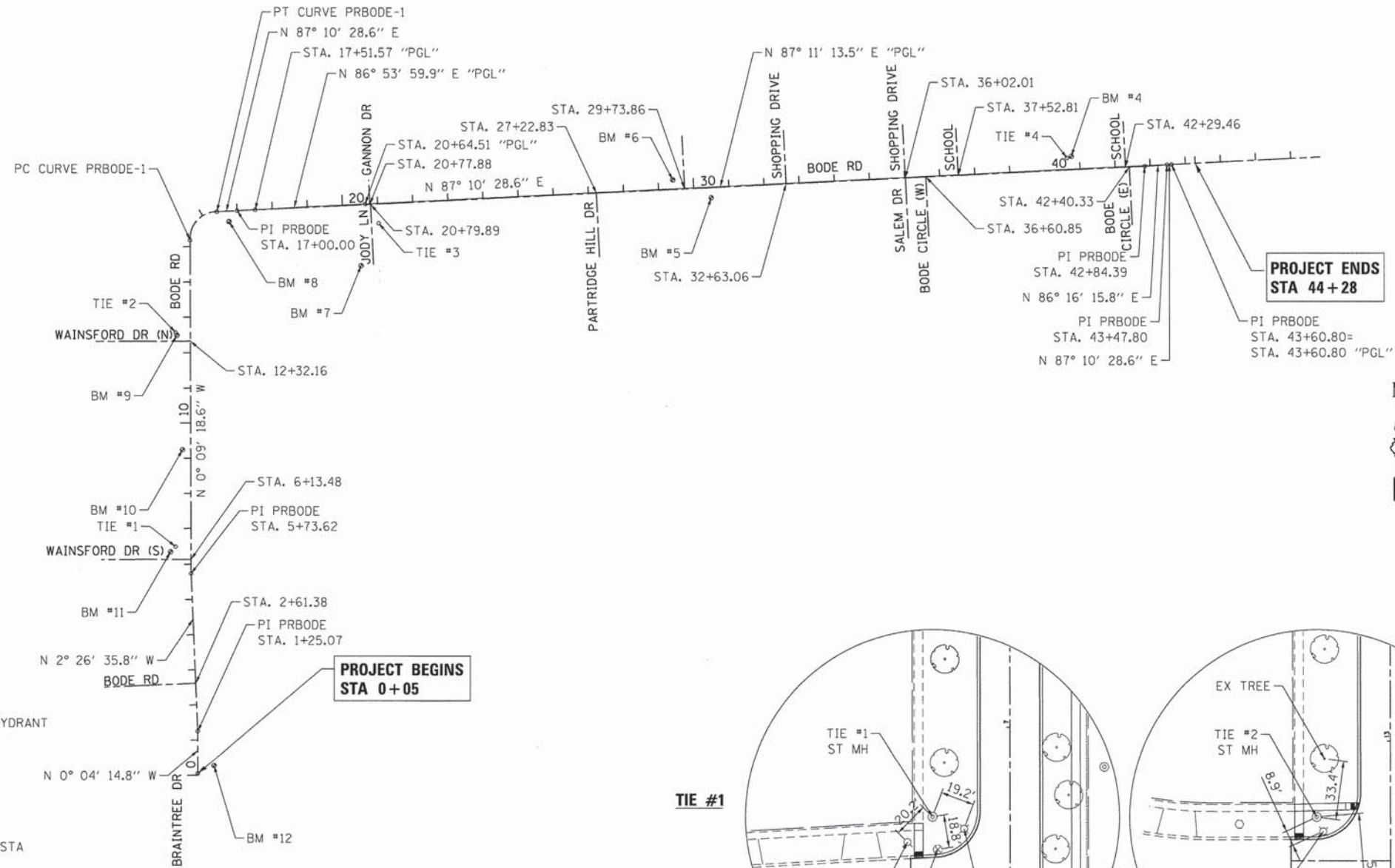
**BENCHMARK 12:** SOUTH-SOUTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT AT BODE ROAD STA 0+30 RT AND PARKER DRIVE INTERSECTION. ELEVATION = 809.38 (NAVD88)

ALIGNMENT COORDINATES BODE ROAD PROPOSED CENTERLINE

STATION	N	E
POB 0+05.00	1,955,971.7345	1,045,092.6345
PI 1+25.07	1,956,091.8049	1,045,092.4862
PI 5+73.62	1,956,539.9516	1,045,073.3642
PC 15+23.47	1,957,489.7931	1,045,070.7919
PI 15+95.05	1,957,561.3765	1,045,070.5980
PT 16+37.78	1,957,564.9050	1,045,142.0947
PI 17+00.00	1,957,567.9718	1,045,204.2347
PI 42+84.39	1,957,695.3622	1,047,785.4818
PI 43+47.80	1,957,699.4864	1,047,848.7614
PI 43+60.80	1,957,700.1272	1,047,861.7455
POT 44+28.00	1,957,703.4396	1,047,928.8614

ALIGNMENT COORDINATES BODE ROAD PROPOSED PROFILE GRADE LINE

STATION	N	E
POB 17+51.57	1,957,570.5139	1,045,255.7434
PI 20+64.51	1,957,587.4371	1,045,568.2195
POT 43+60.80	1,957,700.1272	1,047,861.7455

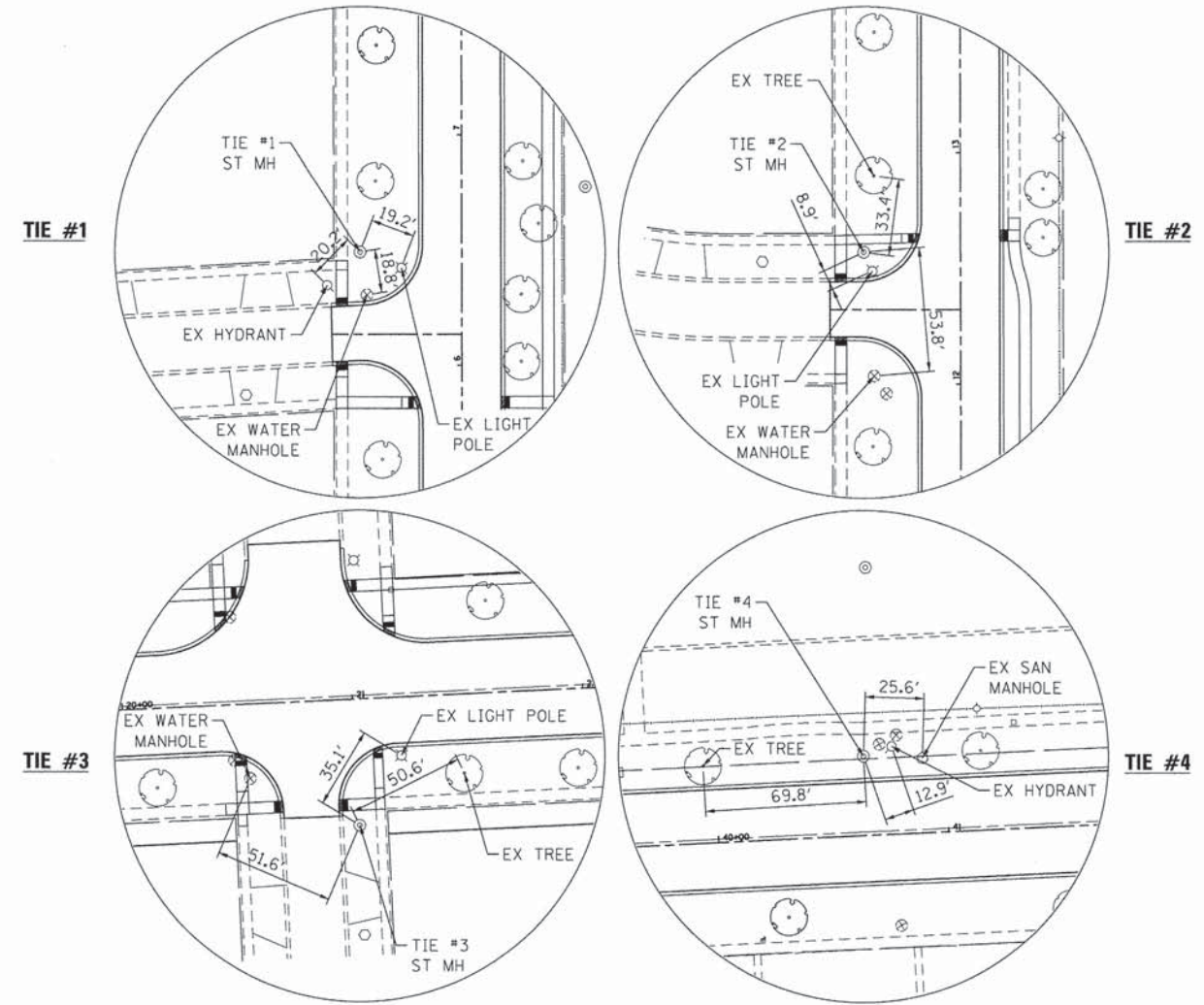


**PROJECT ENDS STA 44+28**

**PROJECT BEGINS STA 0+05**



100 0 100 200  
SCALE IN FEET



COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:21:50 AM  
 FILE NAME: 468-tie.dgn  
 PLOT NUMBER: 1  
 PLOT DATE: 9/4/2014



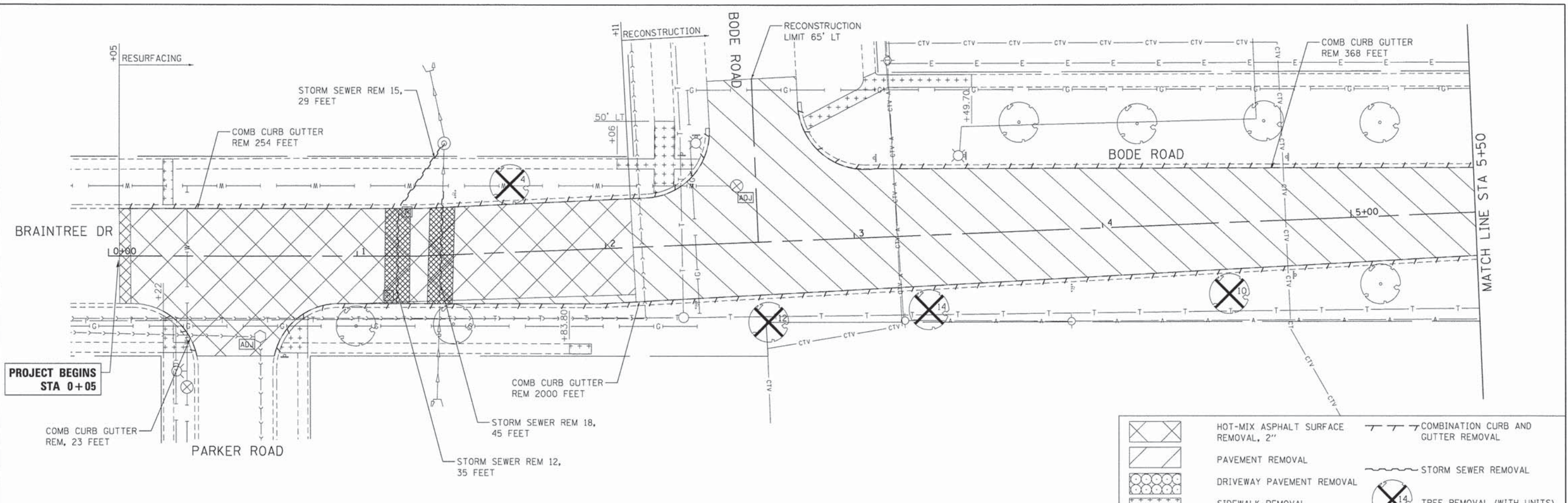
USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 468-tie.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = 1" = 200'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS  
BODE ROAD**

SCALE: 1" = 200' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

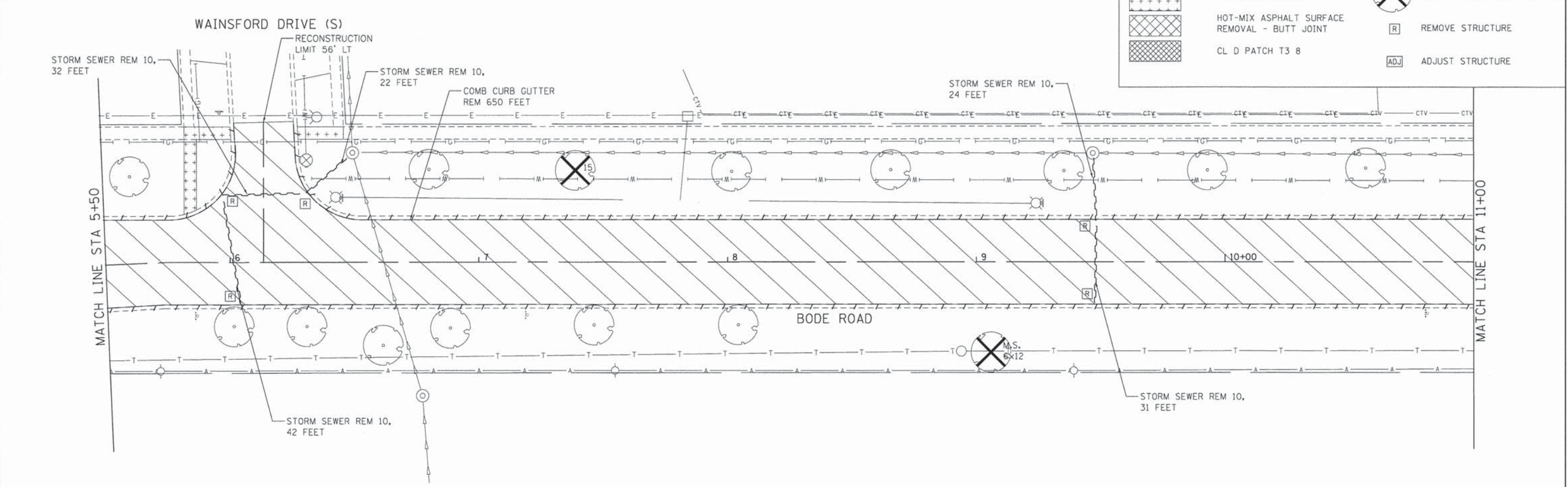
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	11
CONTRACT NO. 61A72				



PROJECT BEGINS  
STA 0+05

MATCH LINE STA 5+50

	HOT-MIX ASPHALT SURFACE REMOVAL, 2"		COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL		STORM SEWER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL (WITH UNITS)
	SIDEWALK REMOVAL		REMOVE STRUCTURE
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		ADJUST STRUCTURE
	CL D PATCH T3 8		



MATCH LINE STA 5+50

MATCH LINE STA 11+00

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:21:55 AM  
 FILE NAME: 460-rem01.dgn  
 PLOT SCALE: 1" = 20'  
 PEN TABLE: s:\p\460-rem01-trans-screen-fpoc.tbl



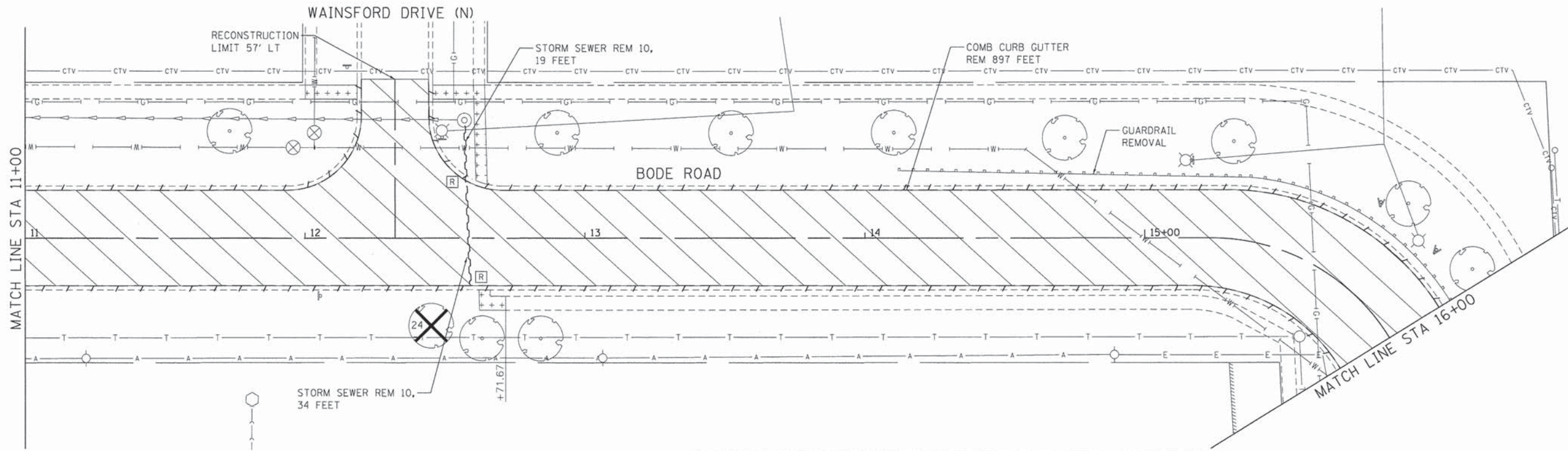
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-rem01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

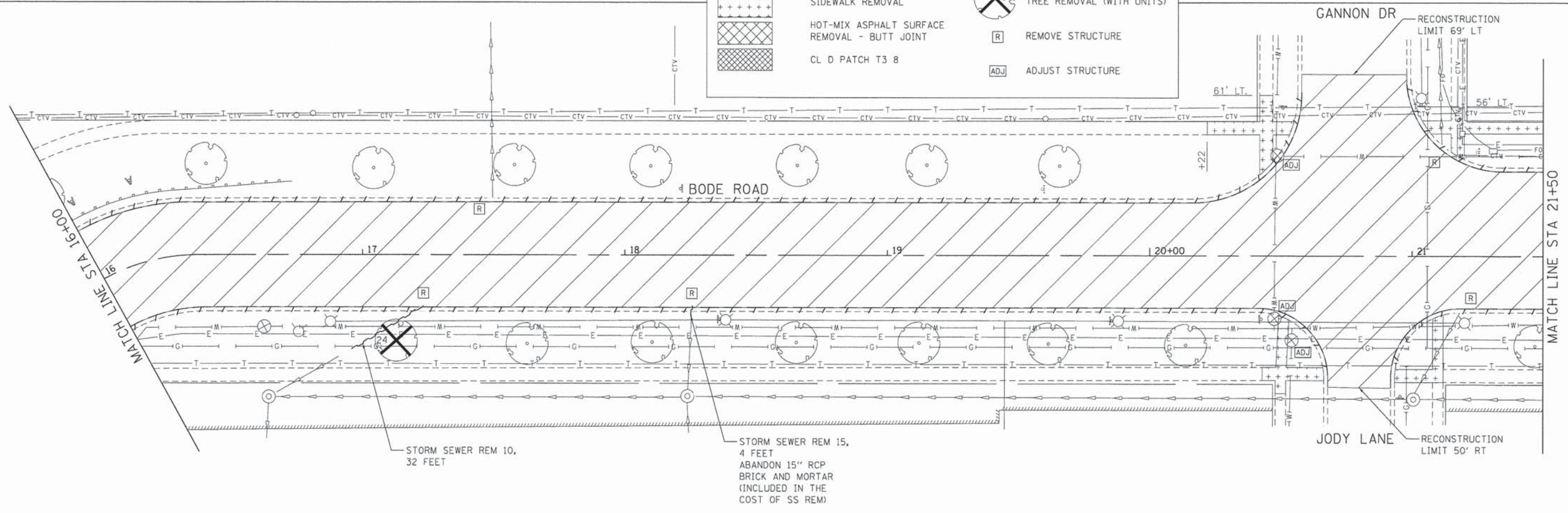
REMOVAL PLAN  
BODE ROAD

SCALE: 1" = 20' SHEET NO. 1 OF 4 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 12
FED. ROAD DIST. NO. [ILLINOIS]		FED. AID PROJECT		
CONTRACT NO. 61A72				



	HOT-MIX ASPHALT SURFACE REMOVAL, 2"		COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL		STORM SEWER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL (WITH UNITS)
	SIDEWALK REMOVAL		REMOVE STRUCTURE
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		ADJUST STRUCTURE
	CL D PATCH T3 8		



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:21:58 AM  
 FILE NAME: 468-rem02.dgn  
 PLOT SCALE: 1" = 20'  
 PLOT NUMBER: 61A72  
 PEN TABLET: standard-trans screen-foop.tbl

**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

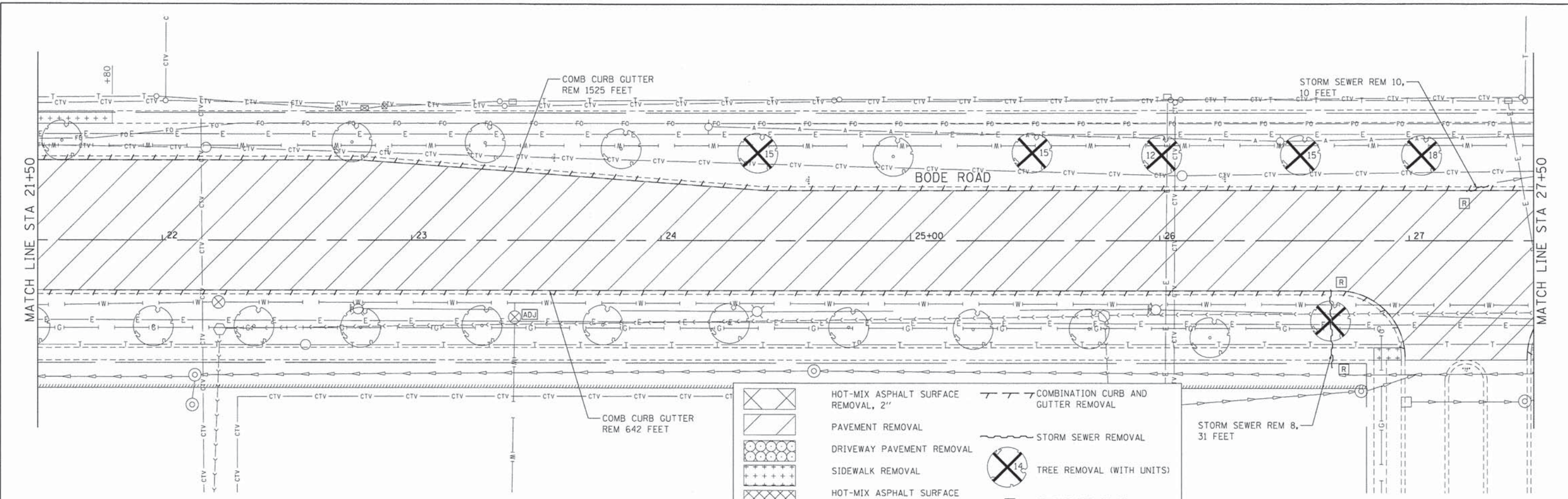
USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 468-rem02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

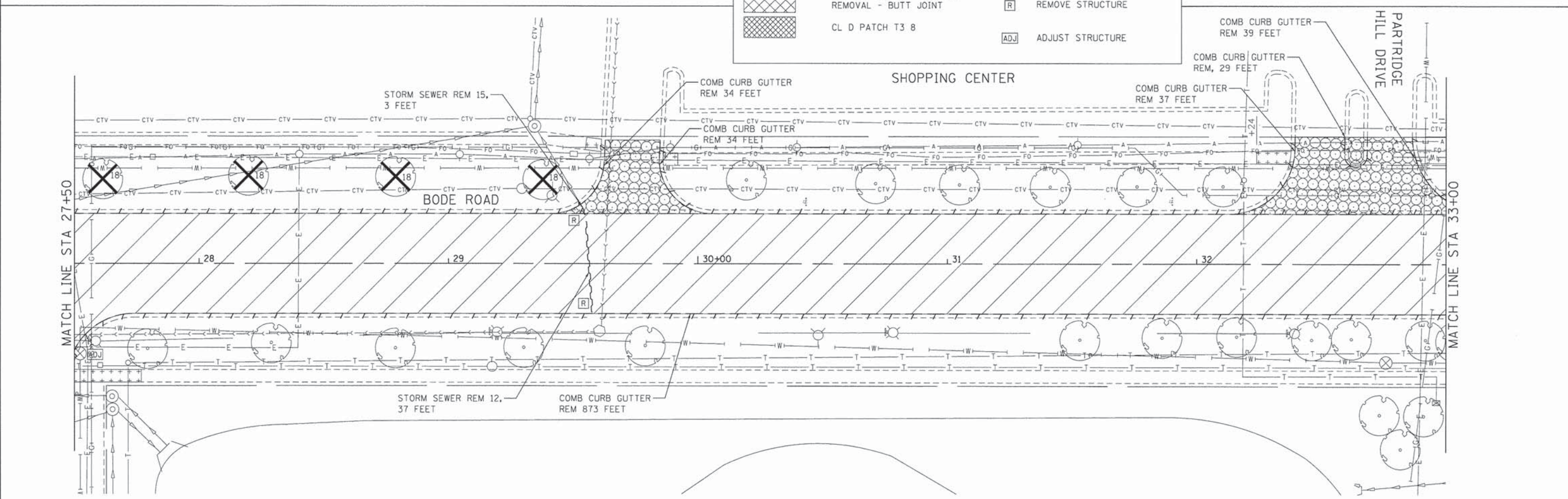
**REMOVAL PLAN  
 BODE ROAD**

SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. 11+00 TO STA. 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	



	HOT-MIX ASPHALT SURFACE REMOVAL, 2"		COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL		STORM SEWER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL (WITH UNITS)
	SIDEWALK REMOVAL		REMOVE STRUCTURE
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		ADJUST STRUCTURE
	CL D PATCH T3 8		



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:22:03 AM  
 CLIENT: Illinois Professional Design Firm  
 PLOT SCALE: 1" = 20'  
 PLOT NUMBER: 468-rem83.dgn  
 PEN TABLE: Standard-trans-screen-topa.tbl

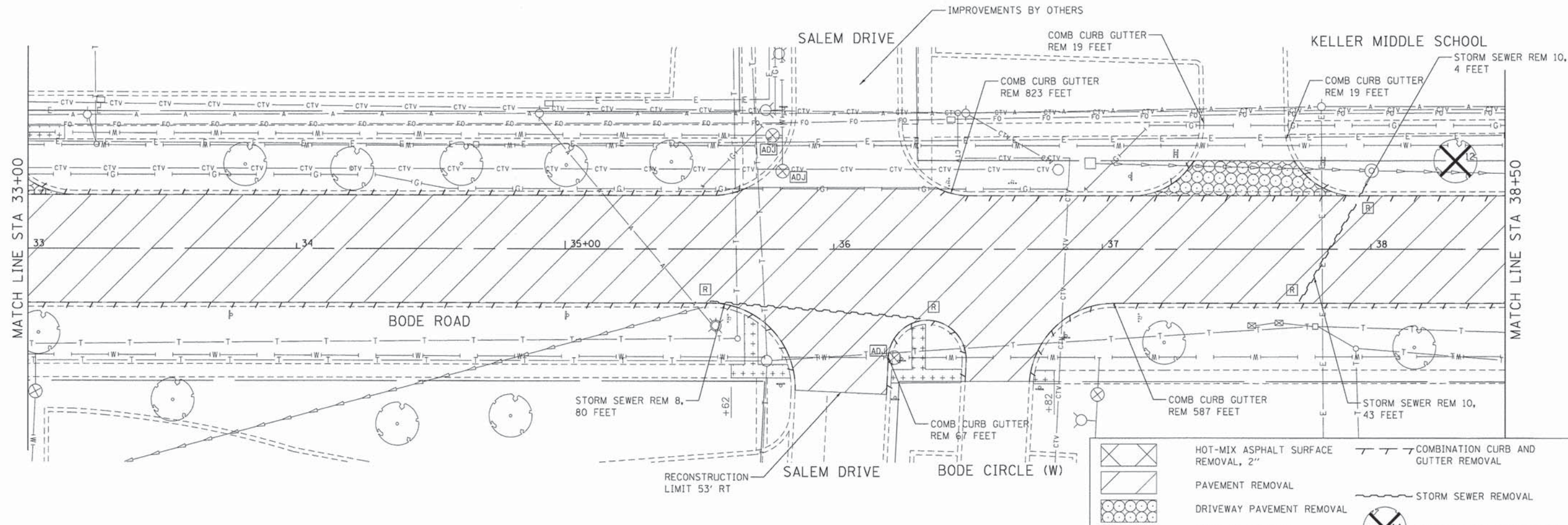
 HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = dstancz FILE NAME = 468-rem83.dgn PLOT SCALE = 1" = 20' PLOT DATE = 9/4/2014	DESIGNED - TAY DRAWN - DMS CHECKED - JRM DATE - 8/18/14	REVISED - REVISED - REVISED - REVISED -
--	---	--	--

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

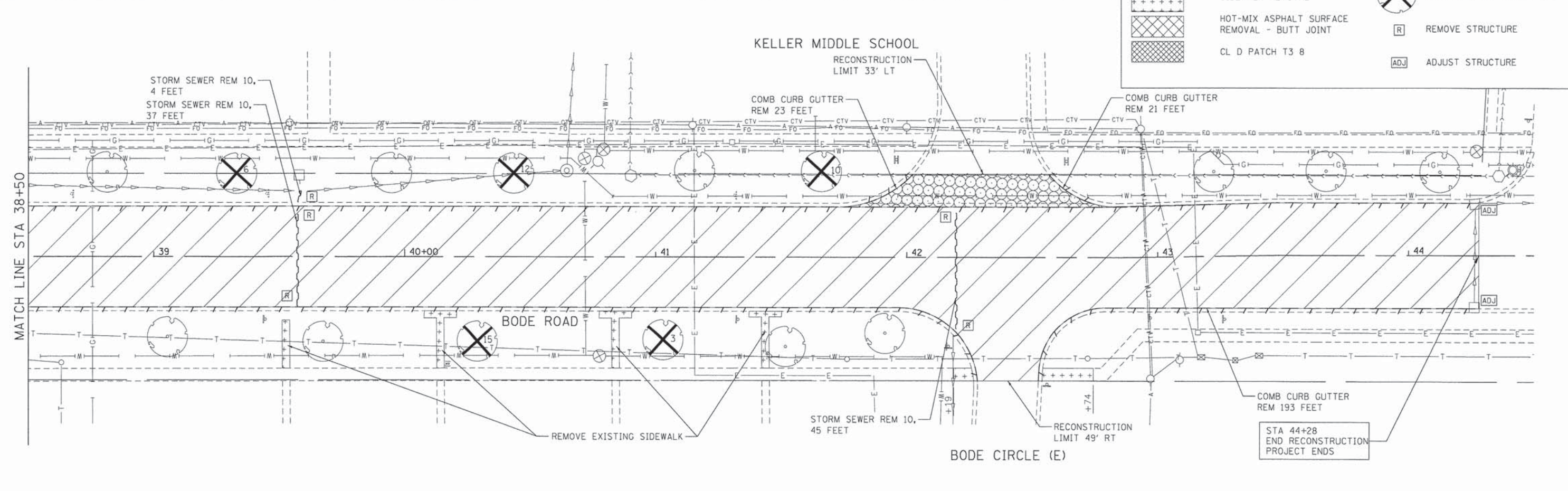
**REMOVAL PLAN**  
**BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 3 OF 4 SHEETS    STA. 21+50 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	14
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



	HOT-MIX ASPHALT SURFACE REMOVAL, 2"		COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL		STORM SEWER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL (WITH UNITS)
	SIDEWALK REMOVAL		REMOVE STRUCTURE
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		ADJUST STRUCTURE
	CL D PATCH T3 8		



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 10:26:07 AM  
 FILE NAME: 468-rem04.dgn  
 PLOT DRIVER: pdcfldr  
 PEN TABLE: standard-trans-screen-topot.tbl

HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 468-rem04.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

**REMOVAL PLAN**  
**BODE ROAD**

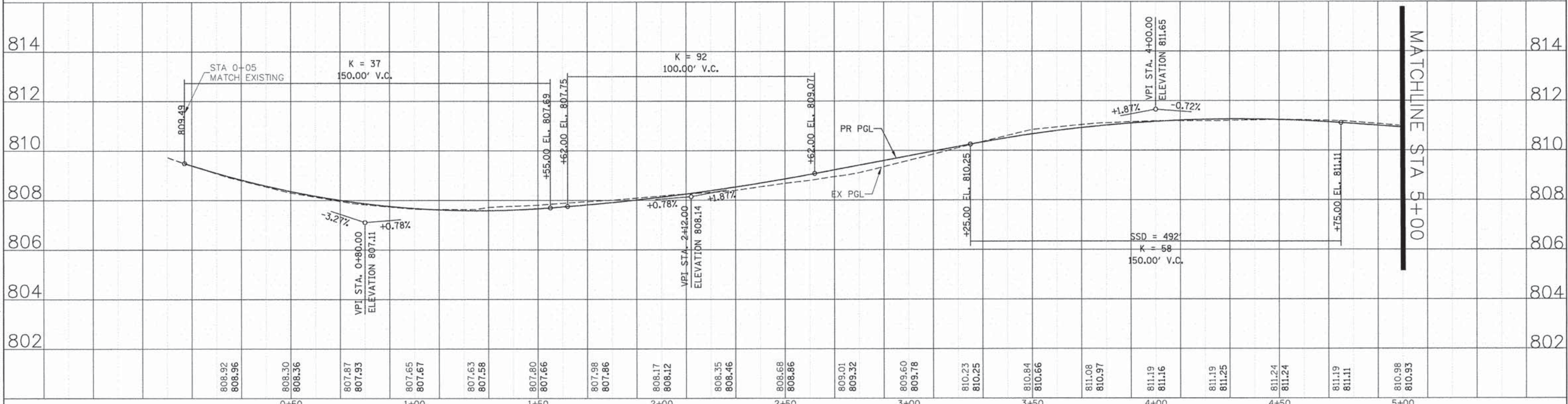
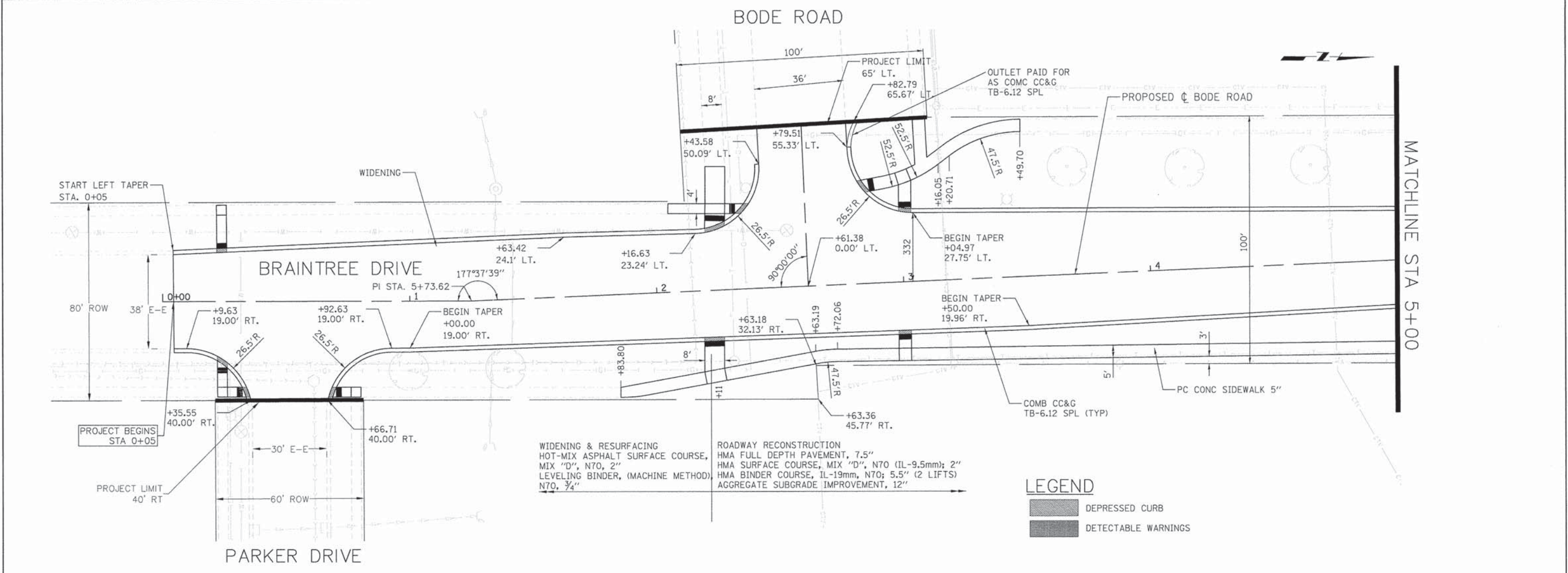
SCALE: 1" = 20'    SHEET NO. 4 OF 4 SHEETS    STA. 33+00 TO STA. 44+50

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	

PLAN	REVISIONS	DATE
NO.	DESCRIPTION	

PROFILE	REVISIONS	DATE
NO.	DESCRIPTION	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 10/11/2014 11:53:38 AM  
 FILE NAME: 460-rpp01.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-transport-screen-top.tbl

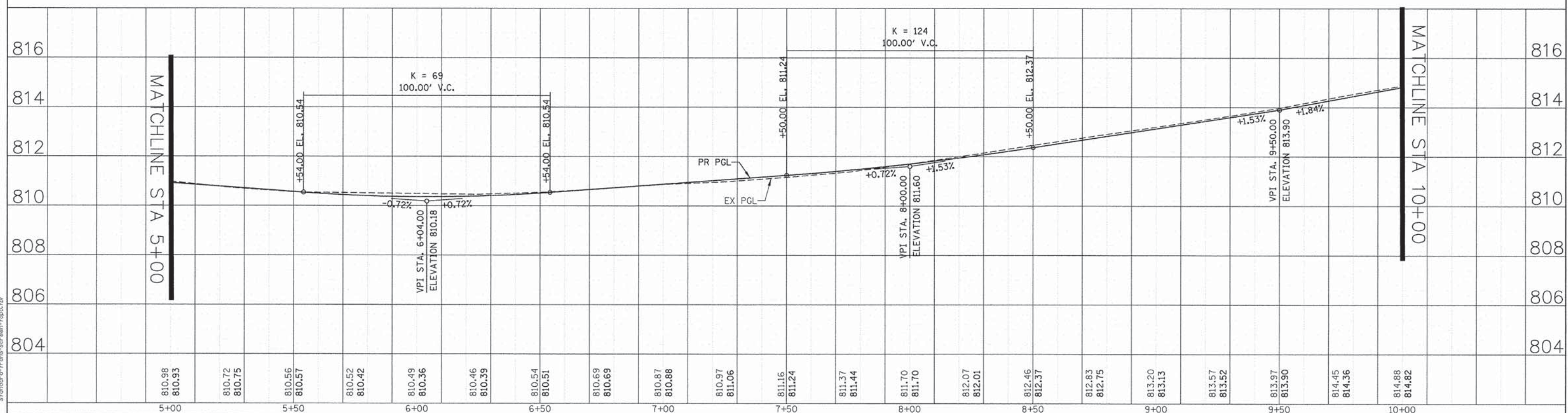
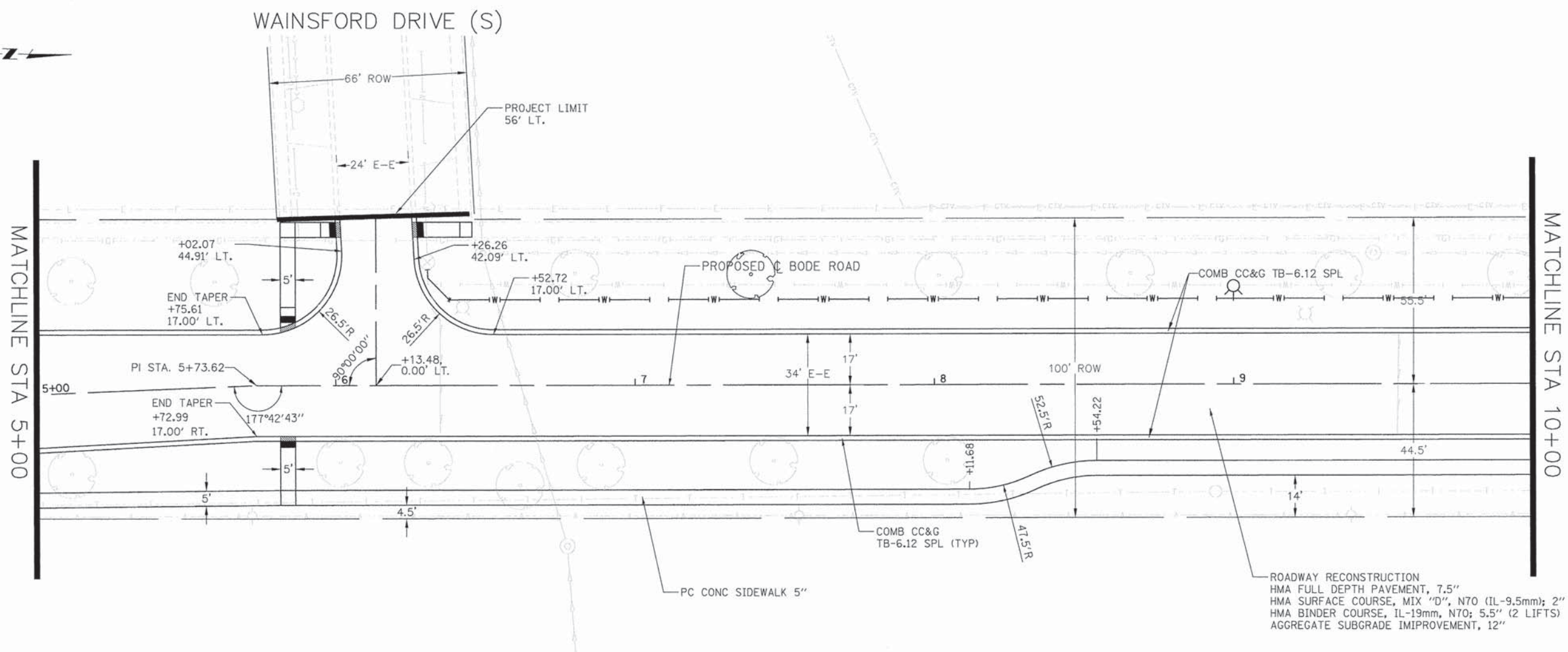




PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO. _____		
	FILE NAME		
	NO. _____		
	FILE NAME		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO. _____		
	FILE NAME		
	NO. _____		
	FILE NAME		
	NO. _____		

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 10/13/2014 10:45 PM  
 FILE NAME: 460-prp02.dgn  
 PLOT DRIVER: pldrvr  
 PEN TABLE: standard-trans-screen-fgpx.tbl



810.98 810.93	810.72 810.75	810.56 810.57	810.52 810.42	810.49 810.36	810.46 810.39	810.54 810.51	810.69 810.69	810.87 810.88	810.97 811.06	811.16 811.24	811.37 811.44	811.70 811.70	812.07 812.01	812.46 812.37	812.83 812.75	813.20 813.13	813.57 813.52	813.97 813.90	814.45 814.36	814.88 814.82
5+00	5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50	10+00										

USER NAME = jmelhus	DESIGNED - TAY	REVISED -
FILE NAME = 460-prp02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE  
BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 2 OF 9 SHEETS    STA. 5+00.00 TO STA. 10+00.00

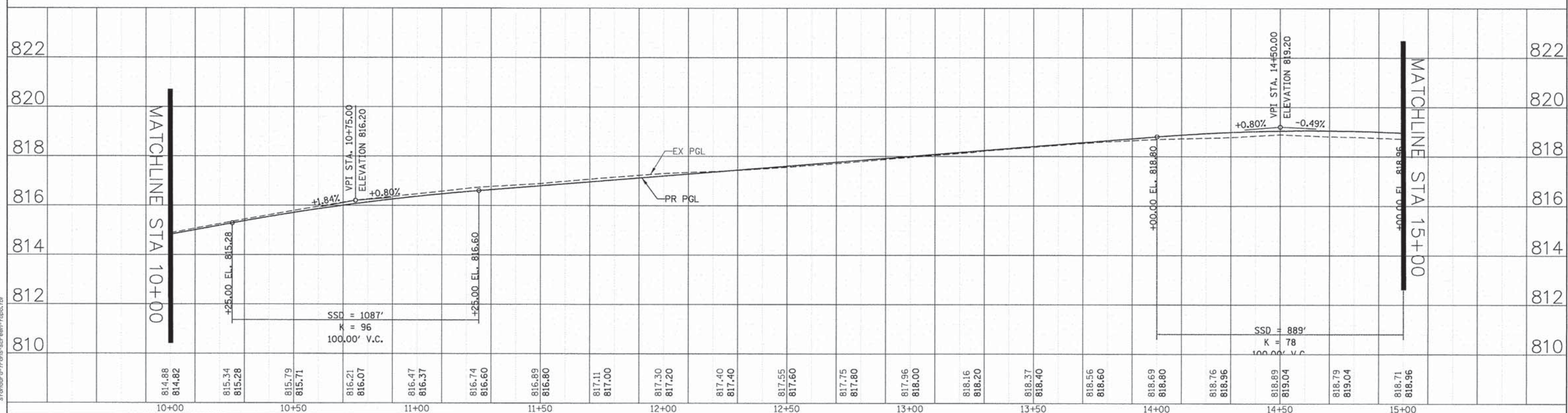
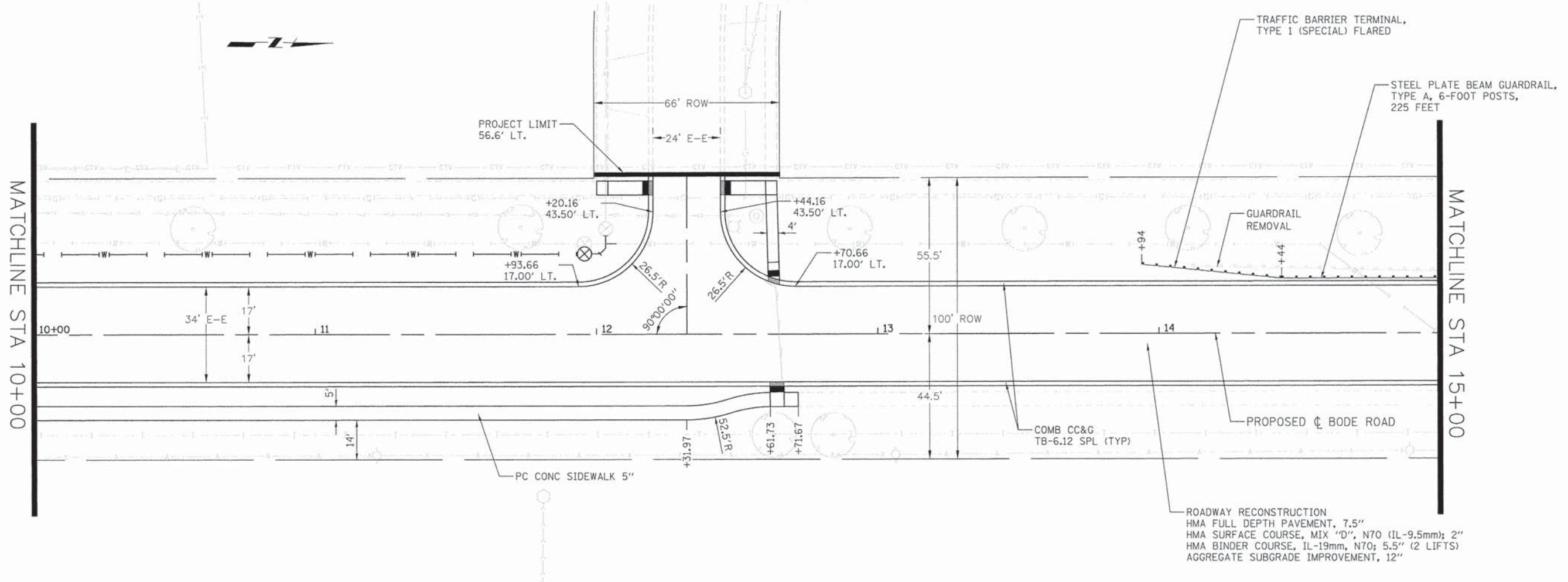
F.A.U. R.T.E. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 61A72		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 10/13/2014 10:54 AM  
 FILE NAME: 468-pnp03.dgn  
 PLOT DRIVER: pdfcut  
 PEN TABLE: standard-trans-screen-fgpa.tbl

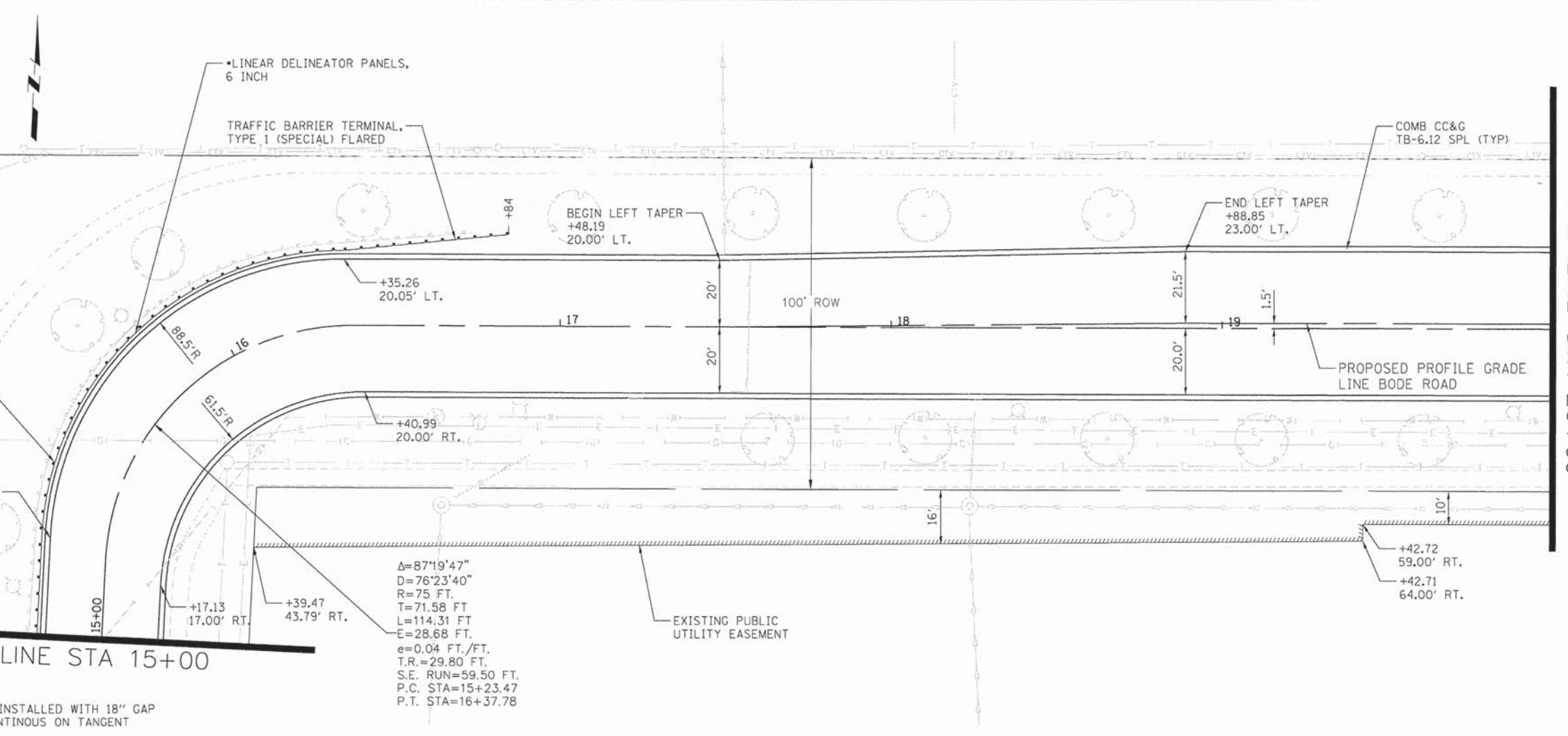
# WAINSFORD DRIVE (N)



USER NAME = jmalhu	DESIGNED - TAY	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE</b> <b>BODE ROAD</b>		F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 18	
FILE NAME = 468-pnp03.dgn	DRAWN - DMS	REVISED -				SCALE: 1" = 20'	SHEET NO. 3 OF 9 SHEETS	STA. 10+00.00 TO STA. 15+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61A72
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -									
PLOT DATE = 10/13/2014	DATE - 8/18/14	REVISED -									

**BODE ROAD  
PAVEMENT CROSS SLOPE TABLE**

STATION	LEFT	RIGHT
14+65.00	-2.0%	-2.0%
14+90.00	0.0%	-2.0%
15+15.00	2.0%	-2.0%
15+23.00	2.67%	-2.67%
15+39.00	4.0%	-4.0%
16+22.00	4.0%	-4.0%
16+38.00	2.67%	-2.67%
16+46.00	2.0%	-2.0%
16+71.00	0.0%	-2.0%
16+96.00	-2.0%	-2.0%

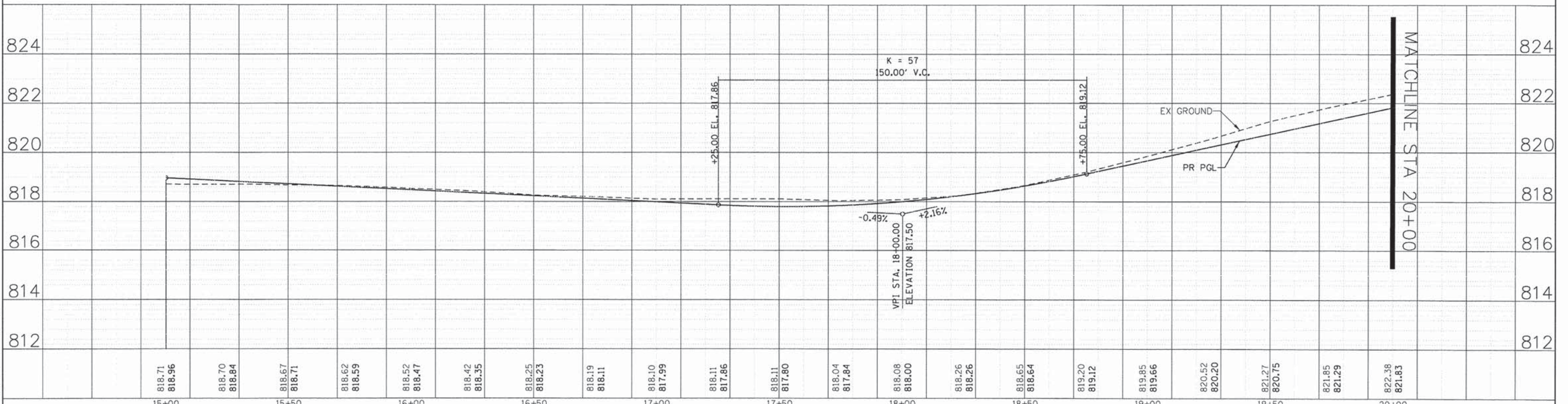


$\Delta = 87'19'47''$   
 $D = 76'23'40''$   
 $R = 75$  FT.  
 $T = 71.58$  FT  
 $L = 114.31$  FT  
 $E = 28.68$  FT.  
 $e = 0.04$  FT./FT.  
 $T.R. = 29.80$  FT.  
 $S.E. RUN = 59.50$  FT.  
 $P.C. STA = 15+23.47$   
 $P.T. STA = 16+37.78$

NOTE:  
 •LINEAR DELINEATOR PANELS TO BE INSTALLED WITH 18" GAP ALONG CURVE OF GUARDRAIL AND CONTINUOUS ON TANGENT SECTIONS

DATE	
BY	
REVISIONS	
NO.	
PLAN	
NO.	
NOTE BOOK	
NO.	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

DATE	
BY	
REVISIONS	
NO.	
PROFILE	
NO.	
GRADES	
CHECKED	
FILE NAME	
NO.	
NOTATION	
NO.	



818.71 818.96	818.70 818.84	818.67 818.71	818.62 818.59	818.52 818.47	818.42 818.35	818.25 818.23	818.19 818.11	818.10 817.99	818.11 817.86	818.11 817.80	818.04 817.84	818.08 818.00	818.26 818.26	818.65 818.64	819.20 819.12	819.85 819.66	820.52 820.20	821.27 820.75	821.85 821.29	822.38 821.83
15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00										

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322  
 DATE PLOTTED: 9/4/2014 11:22:26 AM  
 FILE NAME: 460-prp04.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\trander-dr-trans-screen-topno.tbl



USER NAME = dstanz	DESIGNED - TAY	REVISED -
FILE NAME = 460-prp04.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20'	SHEET NO. 4 OF 9 SHEETS	STA. 15+00.00 TO STA. 20+00.00
-----------------	-------------------------	--------------------------------

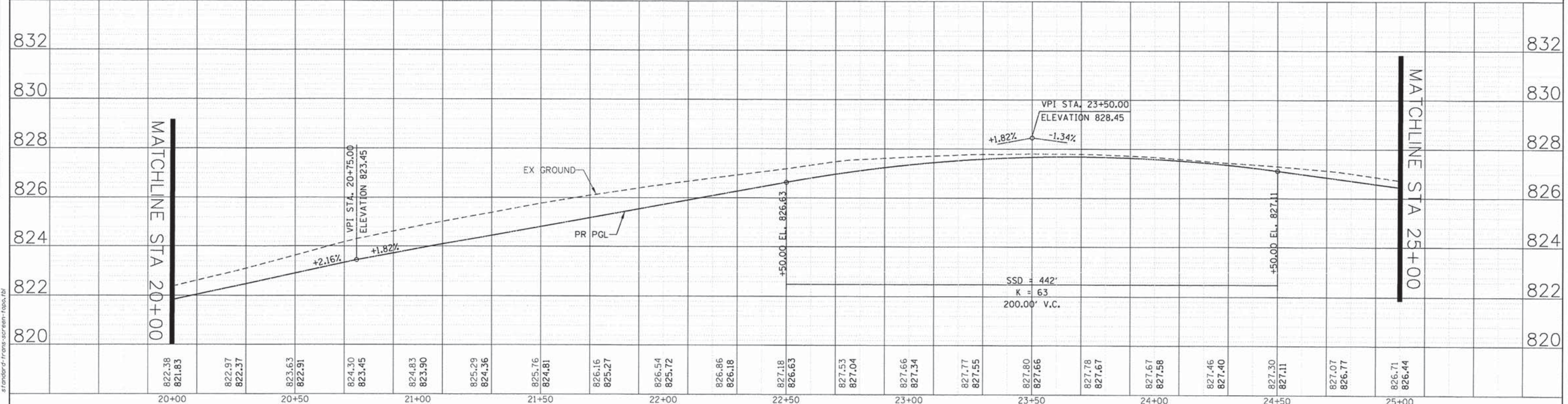
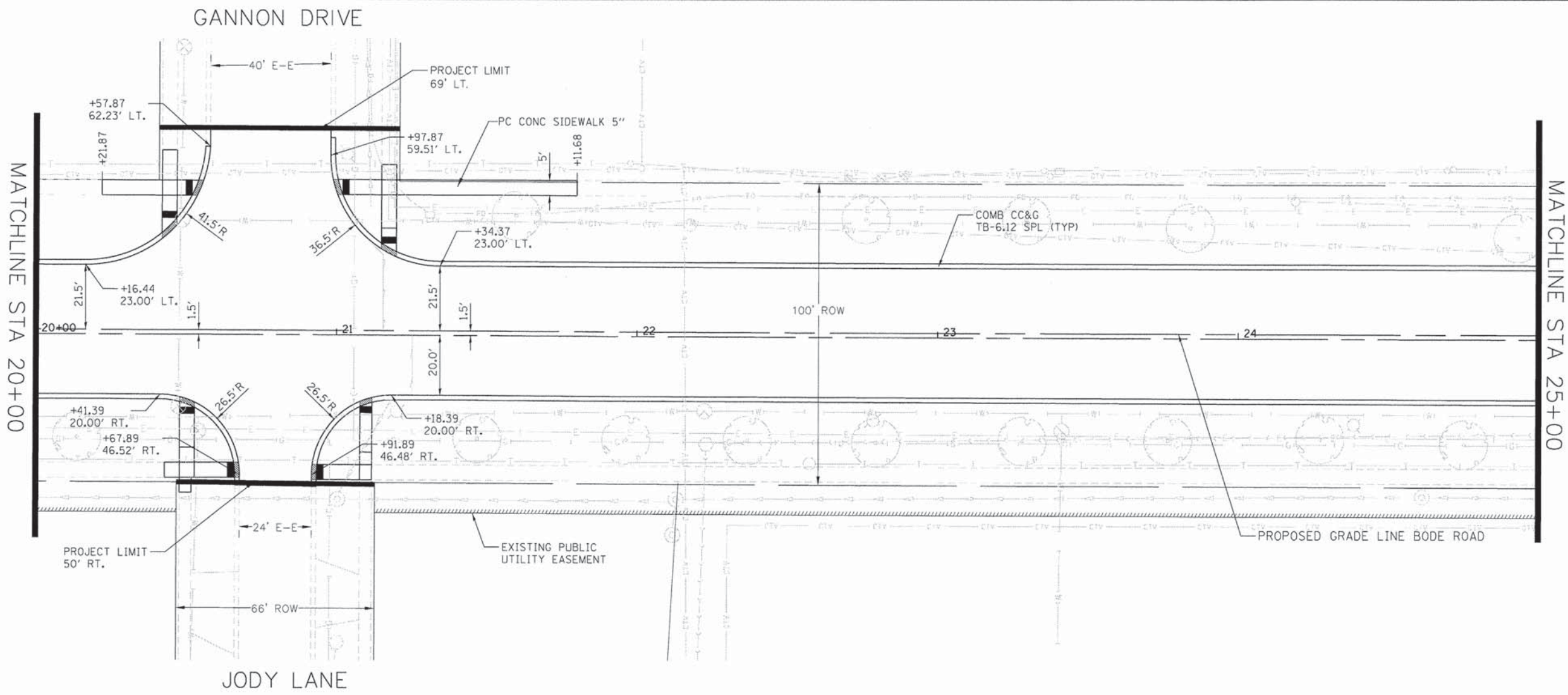
**ROADWAY PLAN AND PROFILE  
BODE ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	19
CONTRACT NO. 61A72			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO. CHECKED	
CADD FILE NAME	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO. CHECKED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:23:31 AM  
 FILE NAME: 468-pnp05.dgn  
 PLOT NUMBER: pnp05  
 PLOT LABEL: Standard/Trans/screen-tpoc.tbl



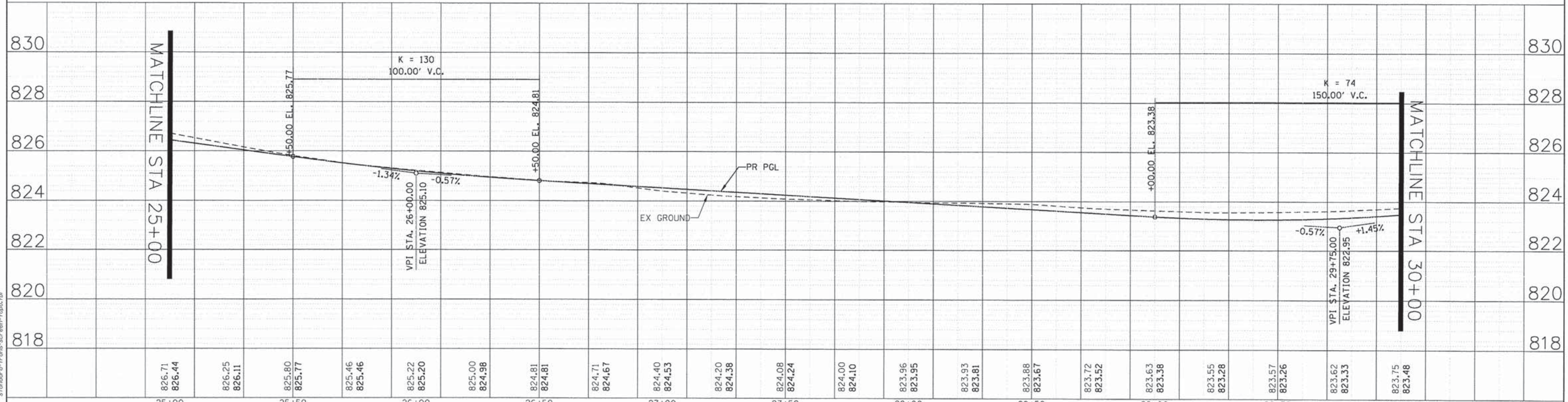
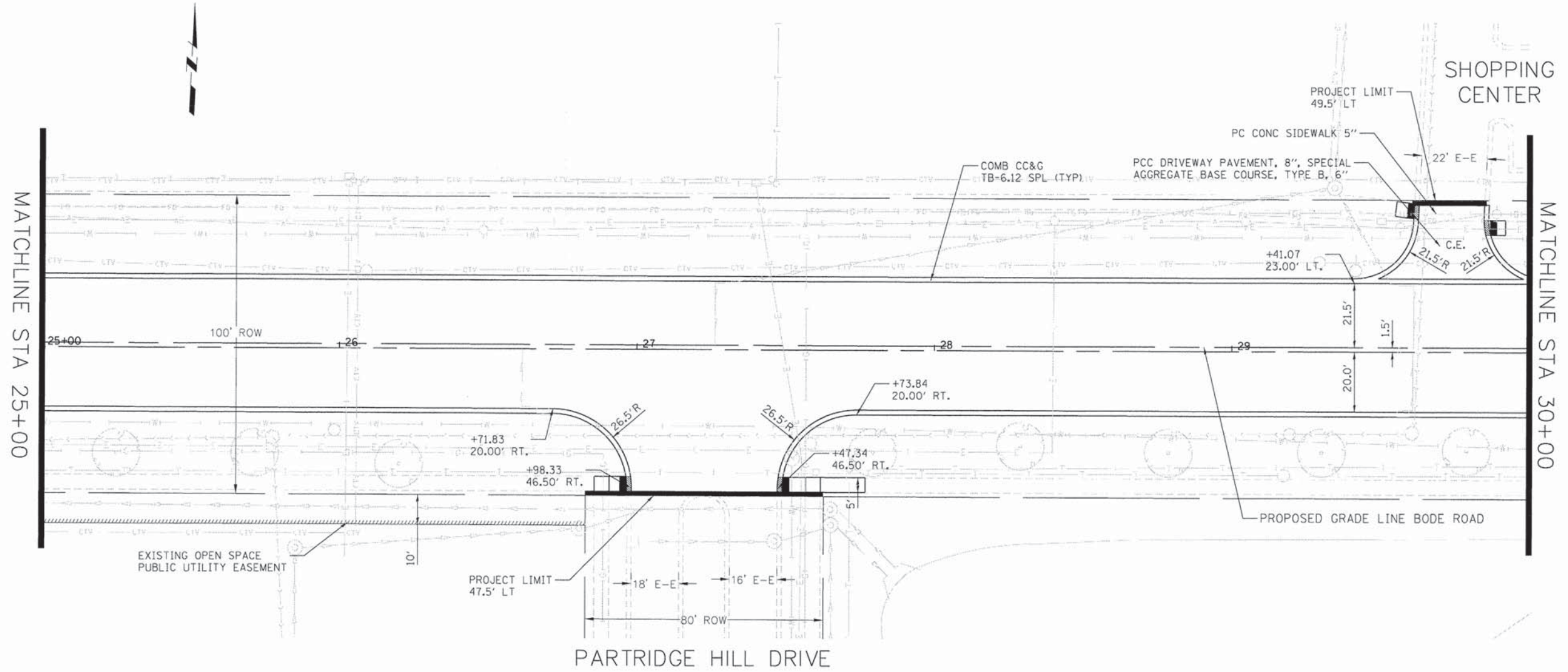
USER NAME = dtanz FILE NAME = 468-pnp05.dgn PLOT SCALE = 1" = 20' PLOT DATE = 9/4/2014	DESIGNED - TAY DRAWN - DMS CHECKED - JRM DATE - 8/18/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE</b> <b>BODE ROAD</b>	F.A.U. RTE. 1318 SECTION 09-00099-00-PV COUNTY COOK TOTAL SHEETS 110 SHEET NO. 20 CONTRACT NO. 61A72
---	--	--	---	---	---

SCALE: 1" = 20' SHEET NO. 5 OF 9 SHEETS STA. 20+00.00 TO STA. 25+00.00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PLAN	REVISIONS	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTED	
	STATUS CHKD	
	FILE NAME	
	NO.	

PROFILE	REVISIONS	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTED	
	STATUS CHKD	
	FILE NAME	
	NO.	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:22:35 AM  
 FILE NAME: 468-pnp06.dgn  
 PLOT DRIVER: pnf.plt  
 PEN TABLE: s:\font\of\trns\screen\fgps.tbl



826.71	826.44	826.25	826.11	825.80	825.77	825.46	825.46	825.22	825.20	825.00	824.98	824.81	824.81	824.71	824.67	824.40	824.53	824.20	824.38	824.08	824.24	824.00	824.10	823.96	823.95	823.93	823.81	823.88	823.67	823.72	823.52	823.63	823.38	823.55	823.28	823.57	823.26	823.62	823.33	823.75	823.48		
25+00	25+00	25+00	25+00	25+50	25+50	25+50	25+50	26+00	26+00	26+00	26+00	26+50	26+50	26+50	26+50	27+00	27+00	27+00	27+00	27+50	27+50	27+50	27+50	28+00	28+00	28+00	28+00	28+50	28+50	28+50	28+50	29+00	29+00	29+00	29+00	29+50	29+50	29+50	29+50	30+00	30+00	30+00	30+00

USER NAME = dstencz	DESIGNED - TAY	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>				<b>ROADWAY PLAN AND PROFILE</b> <b>BODE ROAD</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME = 468-pnp06.dgn	DRAWN - DMS	REVISED -									1318	09-00099-00-PV	COOK	110	21
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -									CONTRACT NO. 61A72				
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -									FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

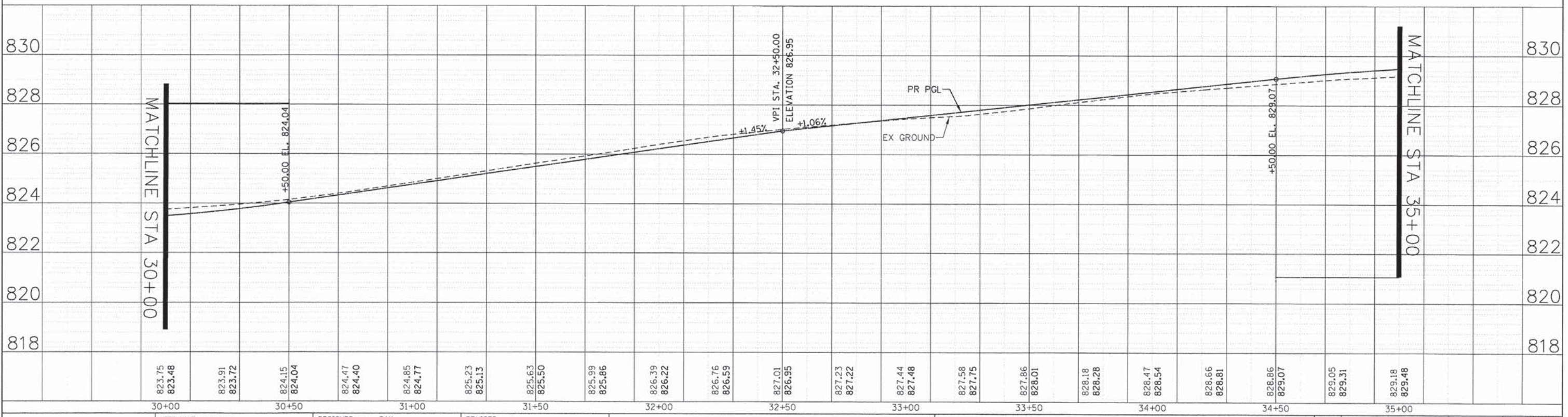
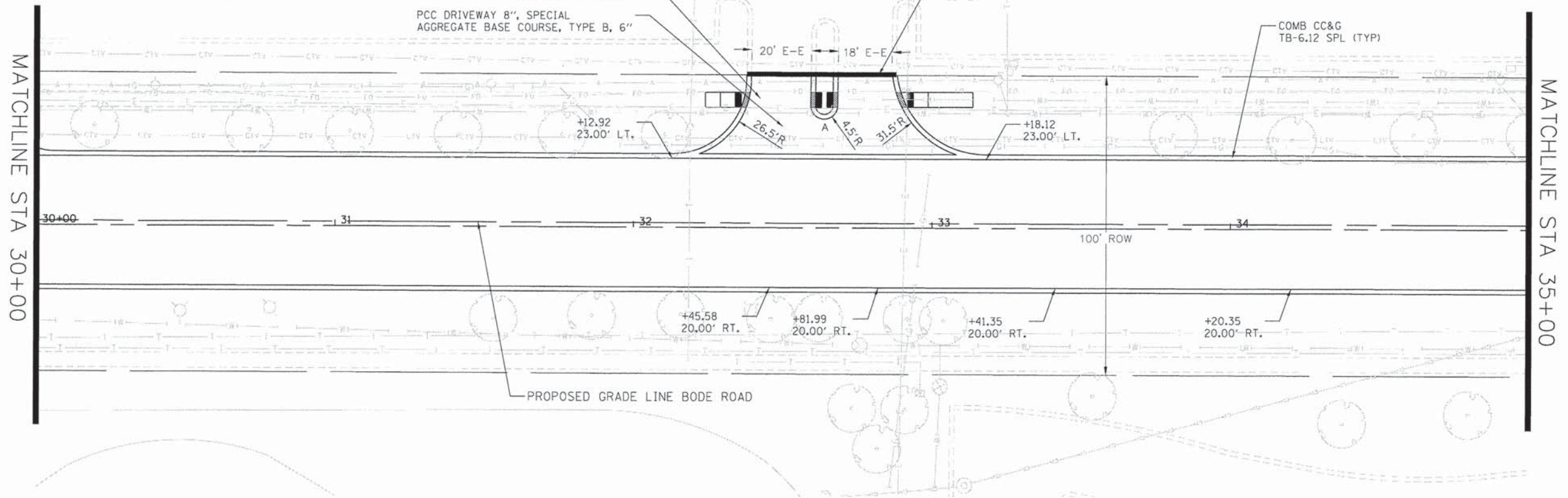


SCALE: 1" = 20' SHEET NO. 6 OF 9 SHEETS STA. 25+00.00 TO STA. 30+00.00

PLAN	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
NOTED		
DATE		

PROFILE	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
NOTED		
DATE		

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:22:40 AM  
 FILE NAME: 468-nnp01.dgn  
 PLOT DRIVER: pdt.plt  
 PEN TABLE: s:\standard\frans\scr\eln-fgpc.tbl



HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = dstancz FILE NAME = 468-nnp01.dgn PLOT SCALE = 1" = 20' PLOT DATE = 9/4/2014	DESIGNED - TAY DRAWN - DMS CHECKED - JRM DATE - 8/18/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE</b> <b>BODE ROAD</b>	F.A.U. RTE. 1318 SECTION 09-00099-00-PV COUNTY COOK TOTAL SHEETS 110 SHEET NO. 22 CONTRACT NO. 61A72
--	---	--	--	---	---	---

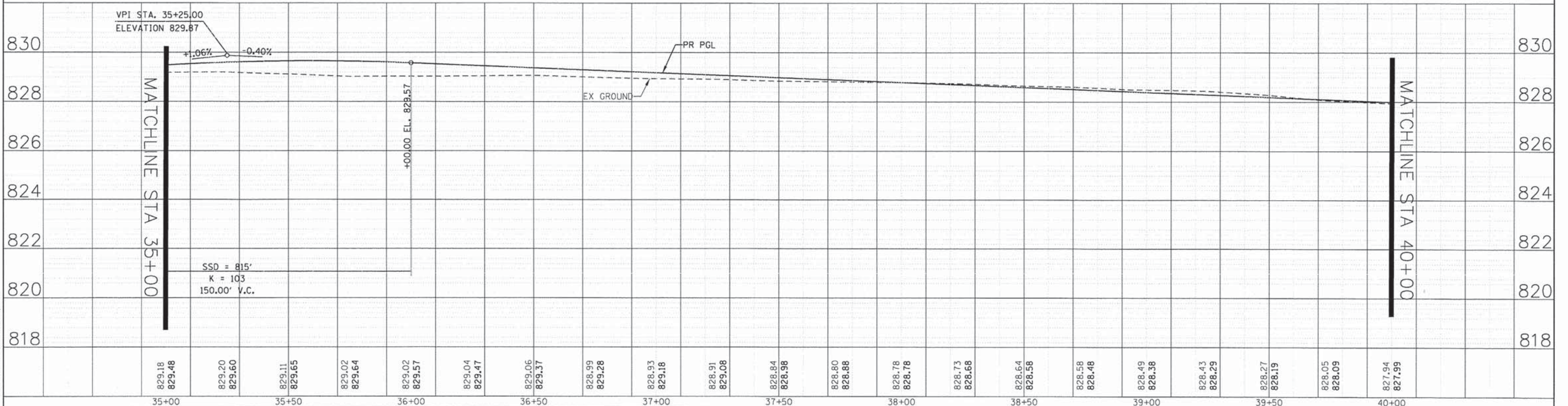
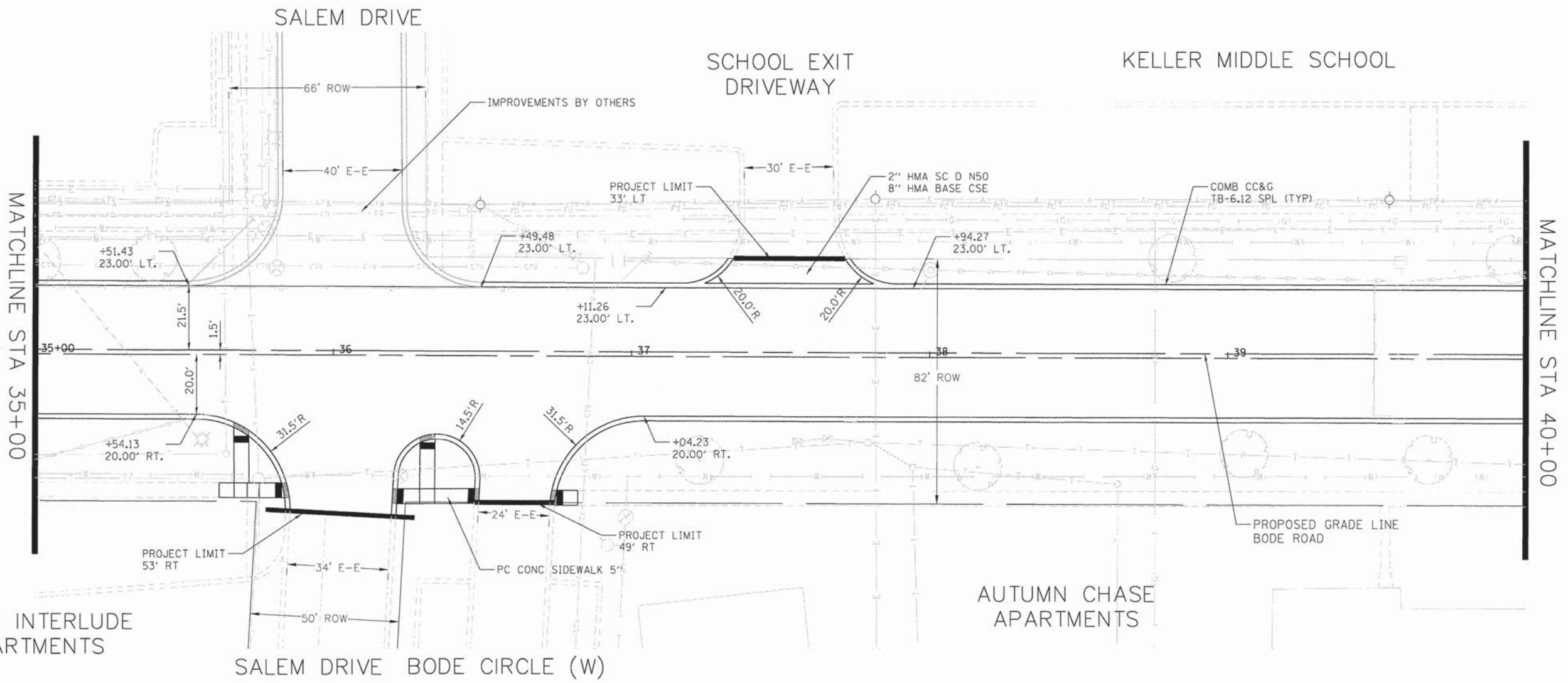
SCALE: 1" = 20' SHEET NO. 7 OF 9 SHEETS STA. 30+00.00 TO STA. 35+00.00

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



DATE	
BY	
REVISED	
PLAN	
SURVEYED	
ALIGNMENT CHECKED	
NO. OF REVISIONS	
DATE	
DRAWN	
CHECKED	
DATE	
APP. FILE NAME	

DATE	
BY	
REVISED	
PROFILE	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS OK	
NO.	
DATE	
DRAWN	
CHECKED	
DATE	
APP. FILE NAME	



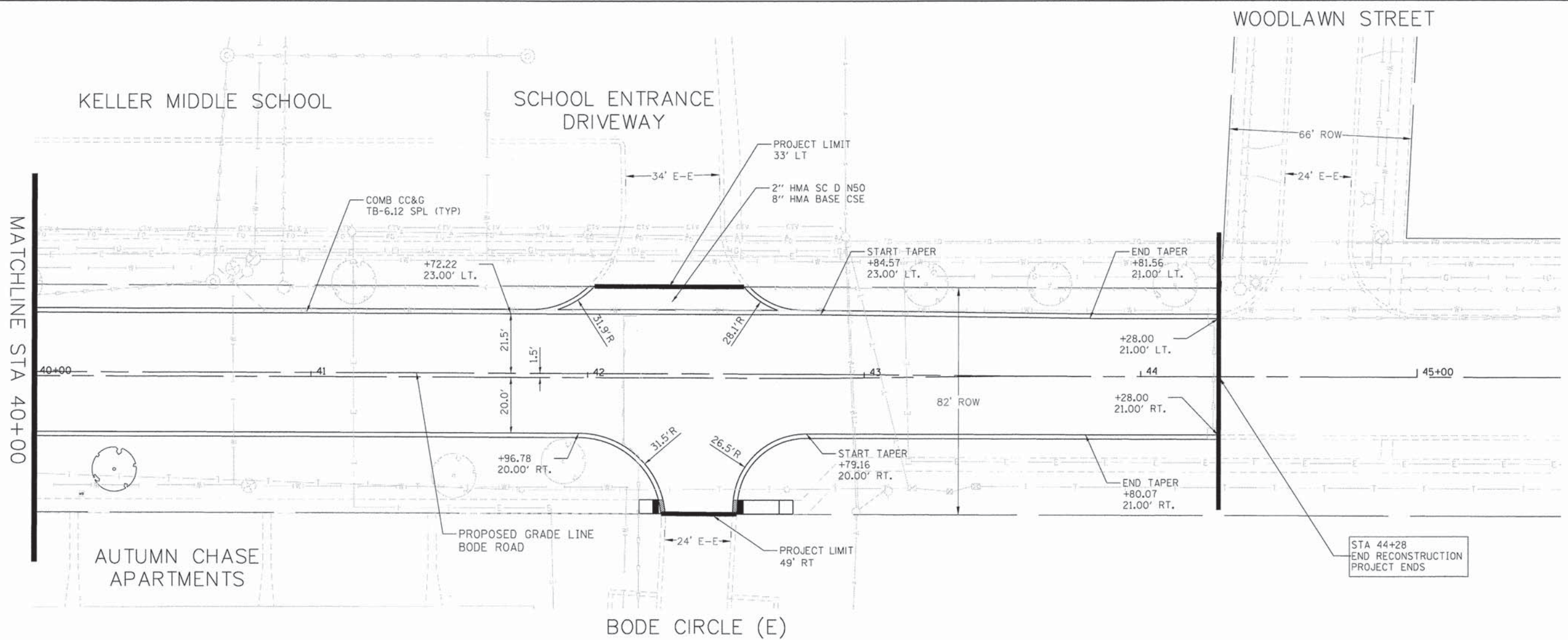
COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm # 184-001322  
 DATE PLOTTED: 9/4/2014 11:22:45 AM  
 FILE NAME: 460-pp08.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: standard-trans-screen-foppa.tbl

USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-pp08.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE  
BODE ROAD  
SCALE: 1" = 20' SHEET NO. 8 OF 9 SHEETS STA. 35+00.00 TO STA. 40+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 23
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
PT. OF WAY	
CHECKED	
NO. _____	

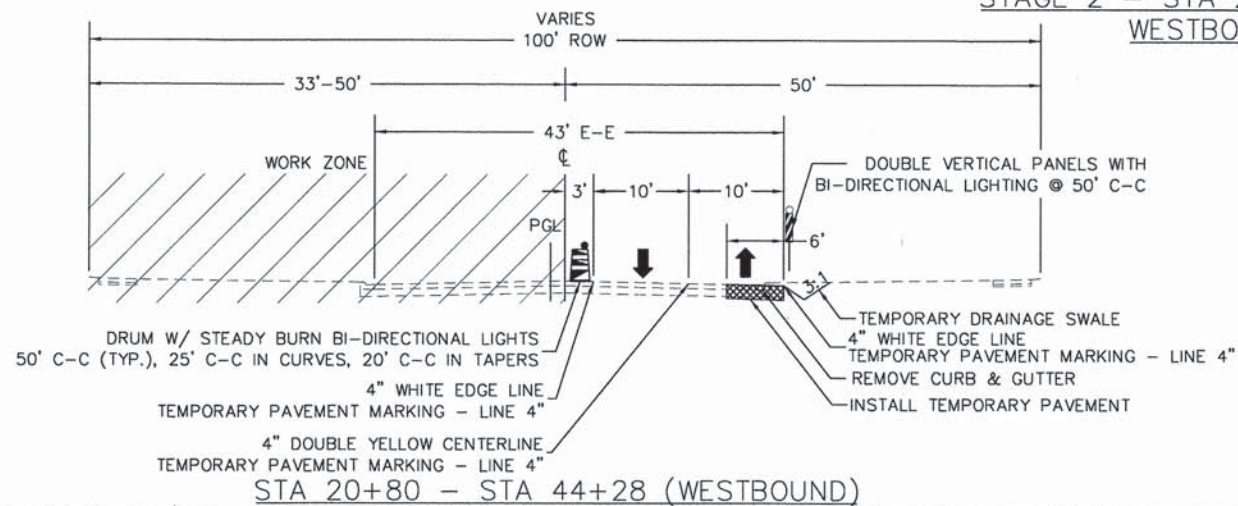
DATE	
BY	
PROFILE	
SURVEYED	
GRADES	
CHECKED	
B.M. NOTED	
STRUCTURE	
NOTATION	
NO. _____	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 CLIENT: HRGreen  
 DATE PLOTTED: 9/4/2014 11:22:49 AM  
 FILE NAME: 460-pnp09.dgn  
 PLOT DRIVER: pnf.plt  
 PEN TABLE: s:\pnp\pnp09.dgn

	USER NAME = dstanoz	DESIGNED - TAY	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN AND PROFILE</b> <b>BODE ROAD</b>		F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 24	
	FILE NAME = 460-pnp09.dgn	DRAWN - DMS	REVISED -		SCALE: 1" = 20'	SHEET NO. 9 OF 9 SHEETS	STA. 40+00.00 TO STA. 45+00.00	CONTRACT NO. 61A72		ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -		DATE = 8/18/14							
	PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -									

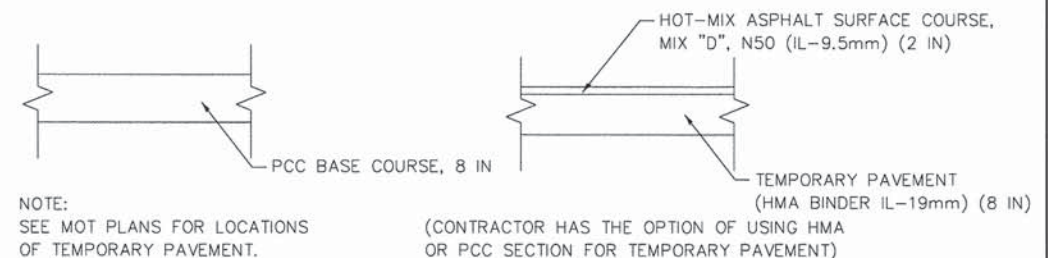


**BODE ROAD**  
**STAGE 2 – STA 20+80 – STA 44+28**  
**WESTBOUND LANES**

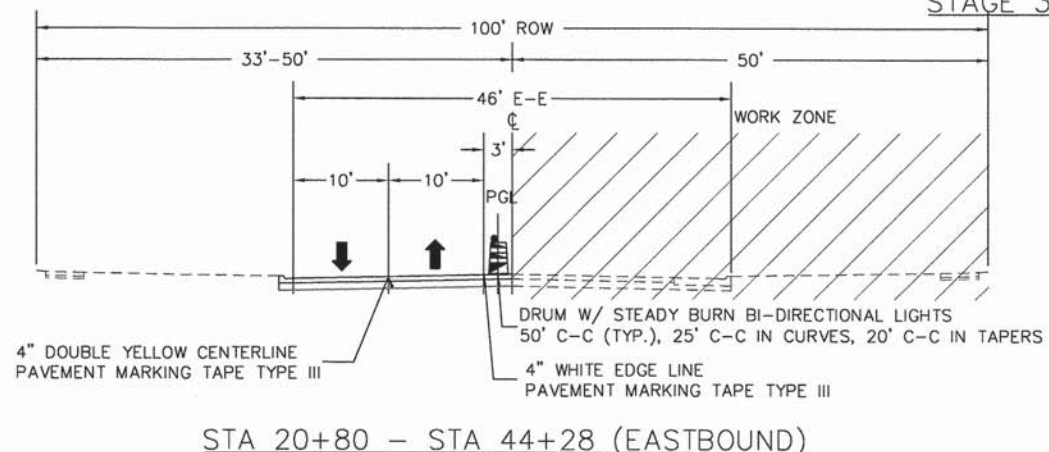


1. REMOVE EXISTING CURB & GUTTER ON SOUTH SIDE OF BODE ROAD AND INSTALL TEMPORARY PAVEMENT.
2. ESTABLISH TWO-WAY, TWO LANE TRAFFIC FLOW ALONG THE SOUTH SIDE OF BODE ROAD AS SHOWN ON THE PLANS.
3. REMOVE THE EXISTING PAVEMENT AND CURB AND GUTTER ALONG THE NORTH SIDE OF BODE ROAD.
4. CONSTRUCT NORTH SIDE STORM SEWER LATERALS AND DRAINAGE STRUCTURES. PROVIDE TEMPORARY CONNECTIONS TO EXISTING SEWER.
5. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER AND WESTBOUND PAVEMENT AS SHOWN ON THE PLANS..
6. COMPLETE PERMANENT LANDSCAPE RESTORATION.

**TEMPORARY PAVEMENT DETAILS**



**BODE ROAD**  
**STAGE 3 – STA 20+80 – STA 44+28**  
**EASTBOUND LANES**



1. ESTABLISH TWO-WAY, TWO LANE TRAFFIC FLOW ALONG THE NORTH SIDE OF BODE ROAD AS SHOWN ON THE PLANS.
2. REMOVE THE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ALONG THE SOUTH SIDE OF BODE ROAD.
3. CONSTRUCT SOUTH SIDE STORM SEWER LATERALS AND DRAINAGE STRUCTURES.
4. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER AND EASTBOUND PAVEMENT AS SHOWN ON THE PLANS..
5. REMOVE TEMPORARY STRIPING ON NORTH SIDE OF PAVEMENT. RESTORE TWO-WAY FOUR LANE TRAFFIC TO BODE ROAD FROM STATION 20+80 TO STATION 44+28 WITH TEMPORARY PAVEMENT MARKING – LINE, 4".
6. COMPLETE PERMANENT LANDSCAPE RESTORATION.
7. REMOVE TEMPORARY STRIPING ON STAGES 1-3 AND INSTALL HMA SURFACE COURSE FOR STAGES 1-3.
8. INSTALL PERMANENT STRIPING AND SIGNAGE FOR STAGES 1-3.

**GENERAL NOTES:**

1. STAGING PROCEDURES PRESENTED ARE THE SUGGESTED SEQUENCE OF OPERATIONS. THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE STAGING PROPOSAL TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR CHANGE IN STAGING.
2. STAGE 1 SHALL CONSIST OF WORK FROM STATION 0+07 TO STATION 20+80. DETOUR ROUTE, AS SHOWN IN THE PLANS, SHALL BE IN PLACE DURING STAGE 1 WORK. THE DETOUR WILL BE FOR A MAXIMUM OF 20 CALENDAR DAYS.
3. THE CONTRACTOR SHALL MAINTAIN A MINIMUM ONE 10 FOOT LANE IN EACH DIRECTION FOR TWO-WAY, TWO LANE TRAFFIC. INGRESS AND EGRESS OF THE SIDE STREETS AND DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
4. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL BY THE PROVISIONS, DETAILS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED ENGINEER. ALL COSTS ASSOCIATED WITH SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL)
5. THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
6. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL OR WORK ZONE PAVEMENT MARKING REMOVAL.
7. THE CONTRACTOR SHALL PROVIDE INFORMATION SIGNS ON TEMPORARY SUPPORTS FOR ALL COMMERCIAL DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE PAID FOR PER DISTRICT ONE DETAIL TC-26. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.
8. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
9. THE CONTRACTOR SHALL NOT MOUNT TEMPORARY SIGNS ON EXISTING SIGNS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED ARE IN PLACE AND OPERATION 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE TRAFFIC CONTROL PLAN IS IN EFFECT.
11. THE DETOUR PLAN SHALL BE IN PLACE FOR THE DURATION OF STAGE 1 CONSTRUCTION ONLY.
12. ANY TEMPORARY PIPE CONNECTIONS NEEDED FOR STAGING OF STORM SEWER STORM IMPROVEMENTS SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE PAY ITEMS FOR SEWER.
13. 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.
14. ALL PAVEMENT MARKINGS CONFLICTING WITH REVISED TRAFFIC PATTERNS SHALL BE REMOVED. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING CONFLICTS WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS.
15. A TEMPORARY HOT-MIX ASPHALT RAMP WEDGE TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION SHALL BE INSTALLED BETWEEN THE NEW CONSTRUCTION AND THE EXISTING PAVEMENT. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. PROVIDE TEMPORARY BITUMINOUS RAMP WEDGE OR OTHER MITIGATING MEASURES APPROVED BY THE ENGINEER.
16. ALL "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER STEADY BURNING LIGHTS.
17. 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 CONTRACTORS AT THE CONTRACTORS EXPENSE.
18. TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.
19. THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
20. TYPE I, TYPE II OR DRUM BARRICADES WITH TWO-WAY STEADY BURNING LIGHTS SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
21. ANY SAW CUTTING OF THE EXISTING PAVEMENT FOR STAGE CONSTRUCTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "PAVEMENT REMOVAL".
22. 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.
23. CONTRACTOR MAY BE REQUIRED TO COORDINATE THEIR CONSTRUCTION ACTIVITIES, STAGING AND SIGN PLACEMENT WITH AN ADJACENT PROJECT ON SALEM DRIVE. ANY ADDITIONAL WORK REQUIRED TO COORDINATE THE PROJECTS SHALL BE CONSIDERED IN THE THE APPLICABLE PAY ITEMS.
24. PHASE 2 AND PHASE 3 CAN NOT BEGIN UNTIL HELEN KELLER FOR THE SUMMER. BOTH MUST BE COMPLETED BEFORE THE START OF YEAR.
25. FIGURE 55-2.B OF THE BUREAU OF THE BODE MANUAL IS TO BE FOLLOWED FOR DROP OFF POLICY BETWEEN EDGE OF PAVEMENT AND OPEN TRAVEL LANE

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 DATE PLOTTED: 9/4/2014 11:31:39 AM  
 PLOT SCALE: N.T.S.  
 PLOT DATE: 9/4/2014

USER NAME = dstancez	DESIGNED - TAY	REVISED -
FILE NAME = 468-mot-gen01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DEPARTMENT OF TRANSPORTATION	09-00099-00-PV	COOK	110	25
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61A72

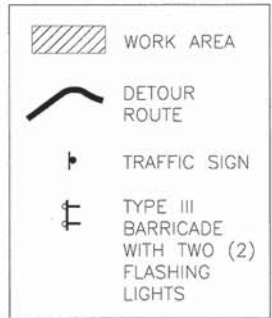
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	25

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

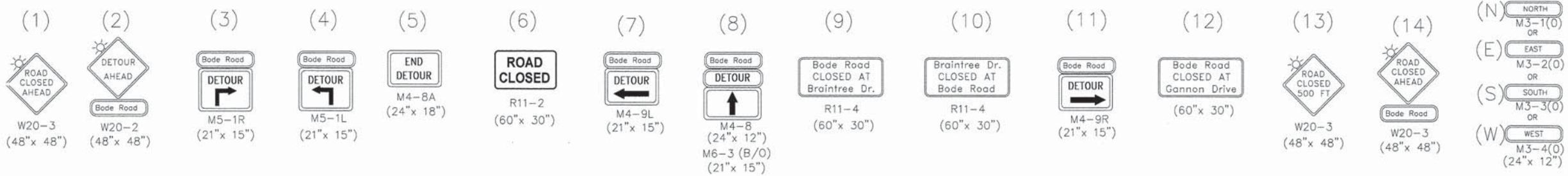
CONTRACTOR TO COORDINATE SIGN PLACEMENT ON NORTH LEG OF SALEM DRIVE WITH ADJACENT CONSTRUCTION PROJECT ON SALEM DRIVE



**LEGEND**



**DETOUR SIGN LEGEND**



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:31:45 AM  
 FILE NAME: 468-mot-dtr-01.dgn  
 PLOT DIRECTOR: standard-trans-ecr-enr-fgoss.tbl  
 PLOT TABLET:



USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 468-mot-dtr-01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - DETOUR PLAN  
BODE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	26
FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 61A72		

\* MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT

BODE ROAD

BODE ROAD

BRAINTREE DR

0+00

5+00

MATCHLINE STA 5+50



200' FROM TRAVEL LANE (TYPICAL)

LEGEND

- WORK AREA
- TRAFFIC SIGN
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DRUMS OR TYPE II BARRICADE
- TEMPORARY PAVEMENT

WAINSFORD DRIVE (S)

MATCHLINE STA 5+50

MATCHLINE STA 11+00

6

7

8

9

10+00

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 11:51:51 AM  
 DATE PLOTTED: 460-mot101.dgn  
 PLOT NUMBER: 61A72  
 PEN TABLE: standard-trans-screen-topos.tbl



USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-mot101.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1  
 BODE ROAD

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 0+00 TO STA. 11+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	27
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61A72	

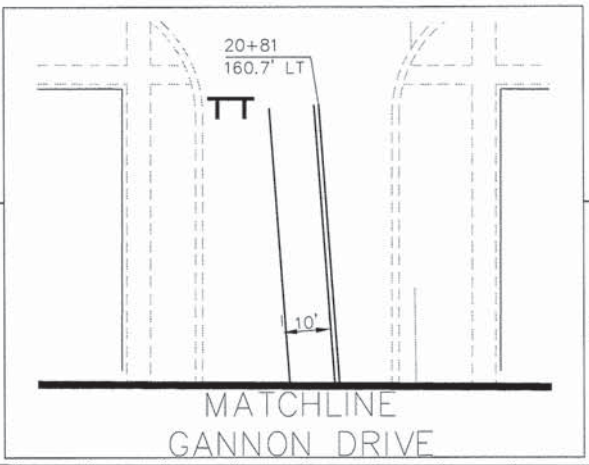
WAINSFORD DRIVE (N)

MATCHLINE STA 11+00

MATCHLINE STA 16+00

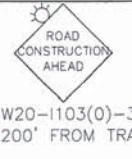
LEGEND

- WORK AREA
- TRAFFIC SIGN
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DRUMS OR TYPE II BARRICADE
- TEMPORARY PAVEMENT



MATCHLINE GANNON DRIVE

\* MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT

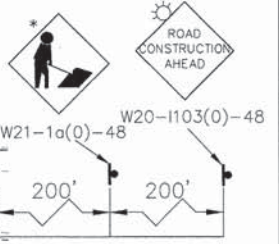


W20-1103(0)-36  
200' FROM TRAVEL LANE

STOP  
R1-1-30



R3-1-24



W21-1a(0)-48

W20-1103(0)-48

4" DOUBLE YELLOW PAVEMENT MARKING TAPE, TYPE III

24" WHITE STOP BAR PAVEMENT MARKING TAPE, TYPE III

4" WHITE EDGE LINE PAVEMENT MARKING TAPE, TYPE III



R3-2-24



W20-1103(0)-36  
200' FROM TRAVEL LANE

JODY LANE

NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

COMPANY NAME: HRGreen  
 COUNTY CONTACT: HRGreen  
 CLIENT: HRGreen  
 DATE PLOTTED: 9/4/2014 11:51:56 AM  
 FILE NAME: 460-mo102.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-trans-sec-88m-fopt.tbl

HRGreen.com  
Illinois Professional Design Firm  
#194-001322

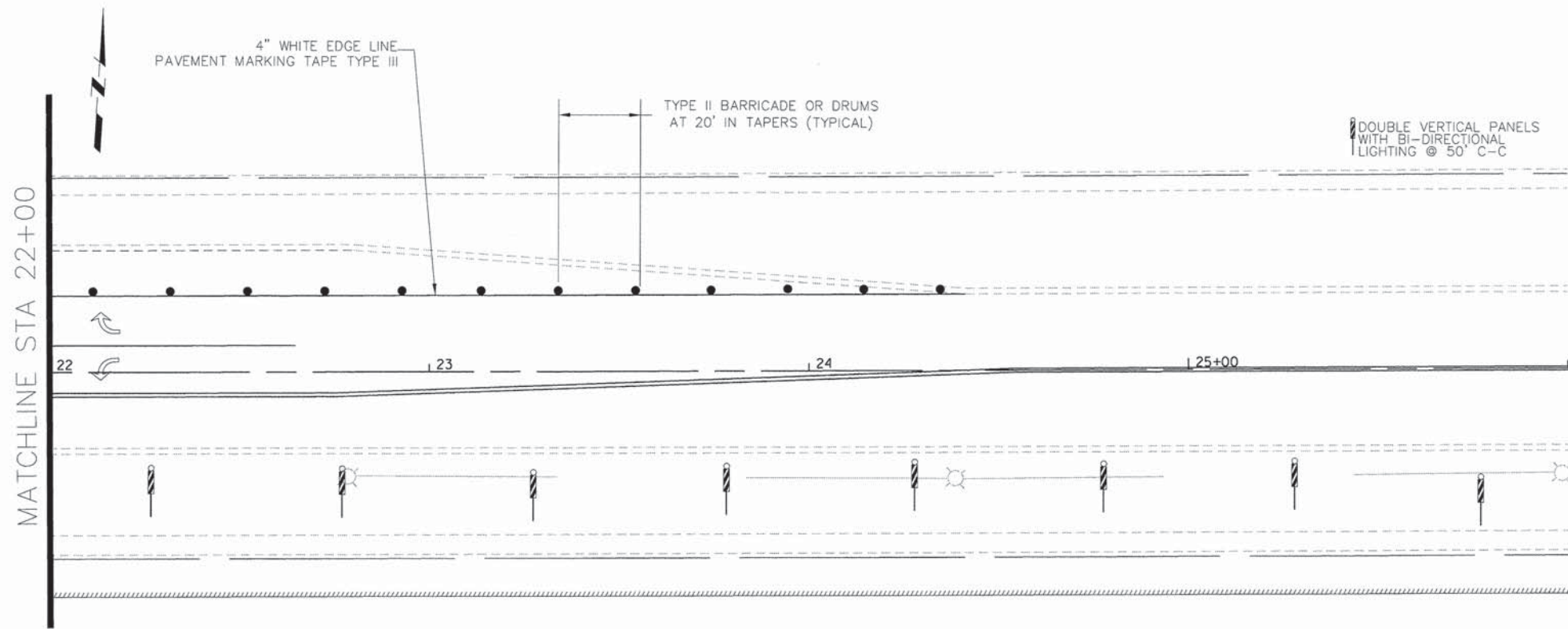
USER NAME = dstanoz	DESIGNED - TAY	REVISED -
FILE NAME = 460-mo102.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1  
BODE ROAD






SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. 11+00 TO STA. 22+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 61A72		



NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

LEGEND

-  WORK AREA
-  TRAFFIC SIGN
-  TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
-  DRUMS OR TYPE II BARRICADE
-  TEMPORARY PAVEMENT

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:26:00 AM  
 FILE NAME: 460-mot10.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: standard-trans-screen-top0.tbl



USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-mot10.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

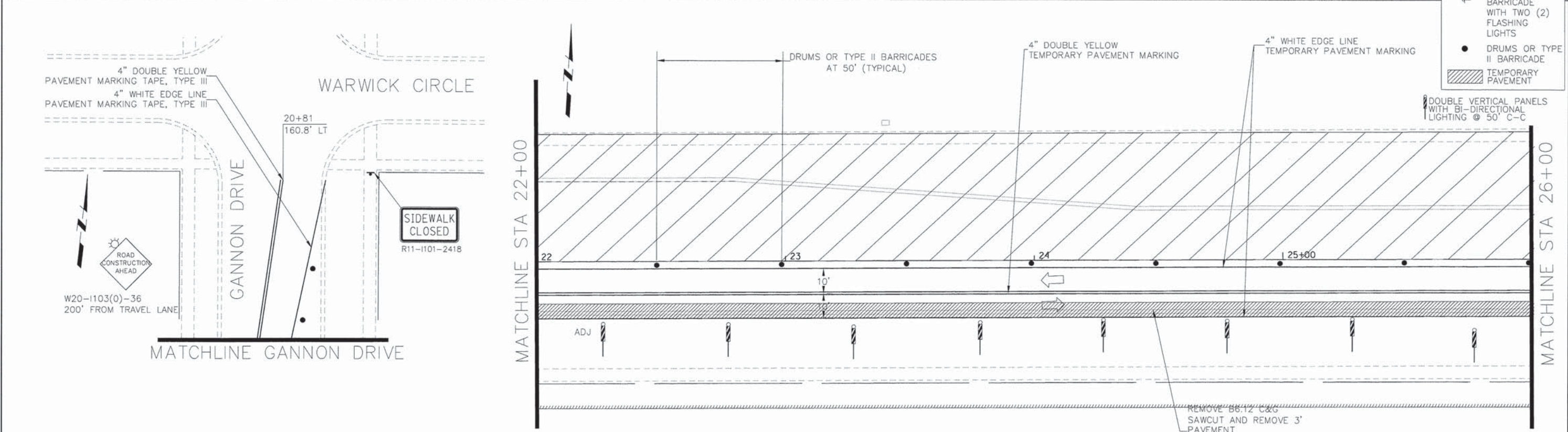
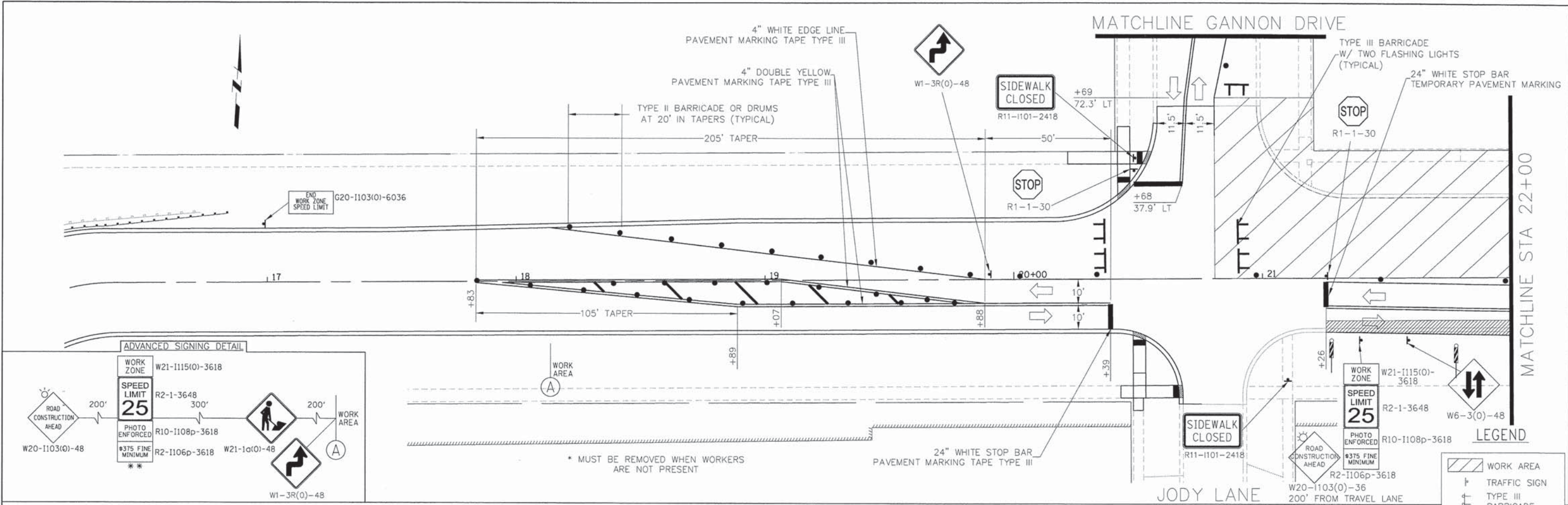
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1  
BODE ROAD

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 22+00 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	29
FED. ROAD DIST. NO.			CONTRACT NO. 61A72	

ILLINOIS FED. AID PROJECT



NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm #184-001322  
 DATE PLOTTED: 9/4/2014 11:22:05 AM  
 FILE NAME: 460-mot201.dgn  
 PLOT SCALE: 1" = 20'  
 PLOT DATE: 9/4/2014



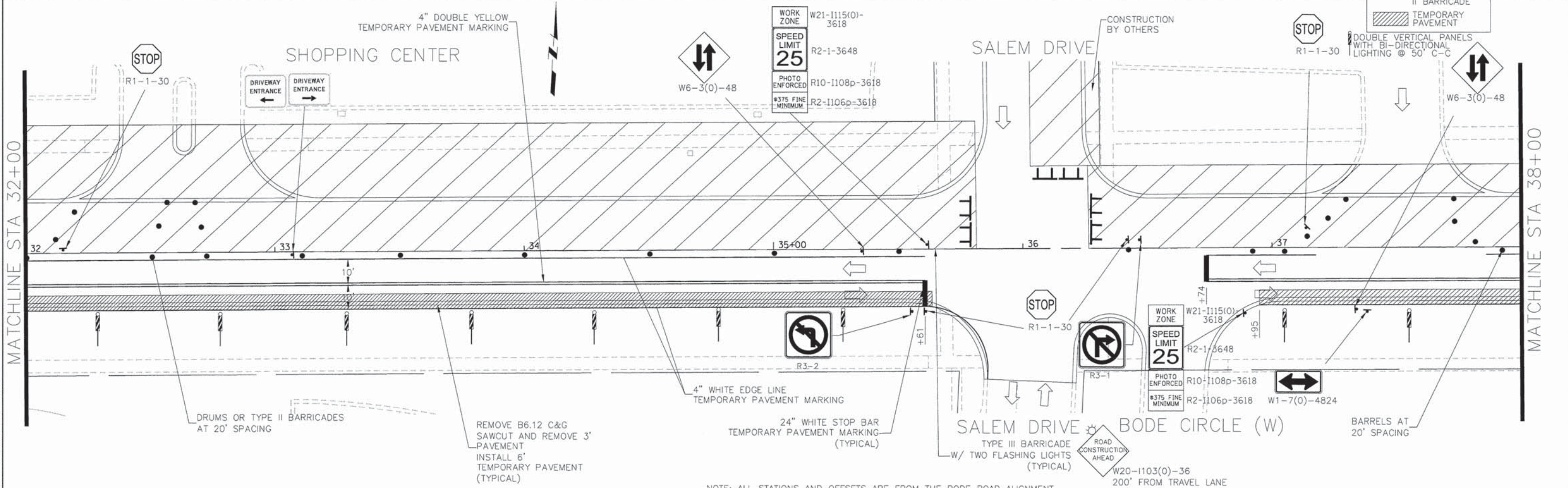
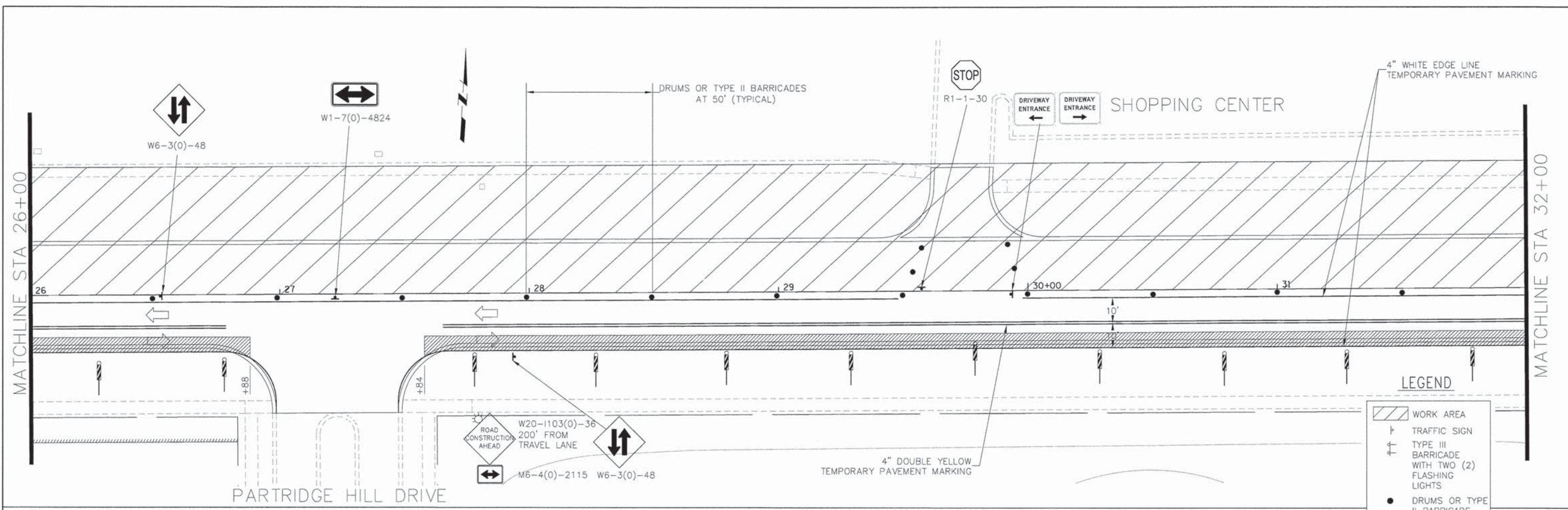
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-mot201.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2  
 BODE ROAD**

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA. 16+00 TO STA. 26+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 30
CONTRACT NO. 61A72			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	



NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:52:10 AM  
 FILE NAME: 460-mot202.dgn  
 PLOT DRIVER: pdf.plt  
 PLOT TABLE: standard-frames-screen-table.tbl

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

USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-mot202.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

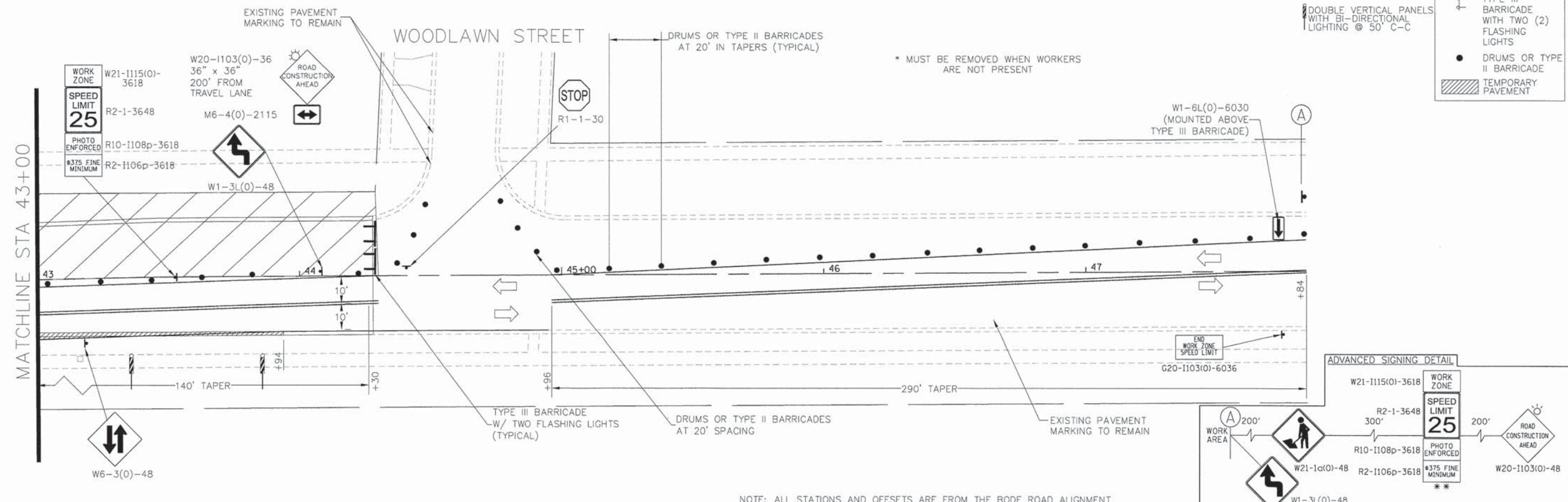
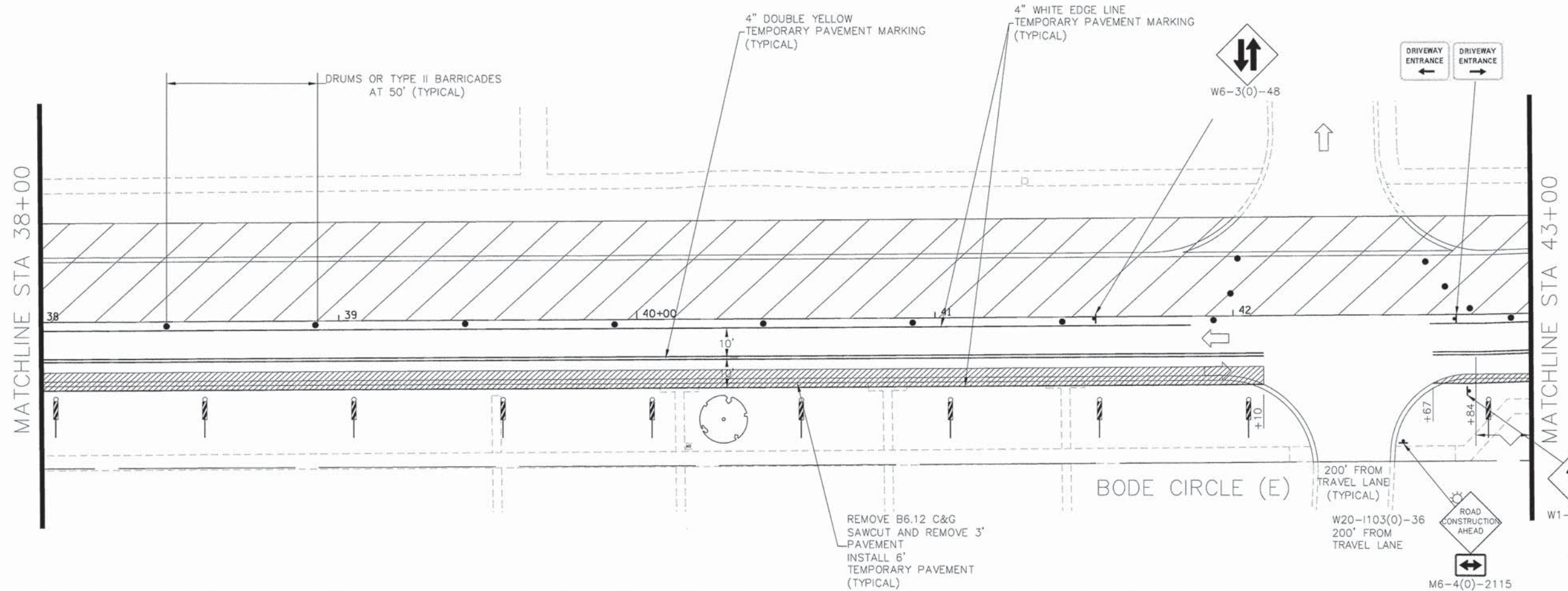
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2**  
**BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 2 OF 3 SHEETS    STA. 26+00 TO STA. 38+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 31
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 61A72



NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #154-001322  
 CLIENT: 9/4/2014 11:28:15 AM  
 DATE PLOTTED: 460-mo2020.dgn  
 FILE NAME: pof.dgn  
 PLOT DRIVER: s:\standard-trans-screen-fplot.tbl  
 PEN TABLE:



USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-mo2020.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE = 8/18/14	REVISED -

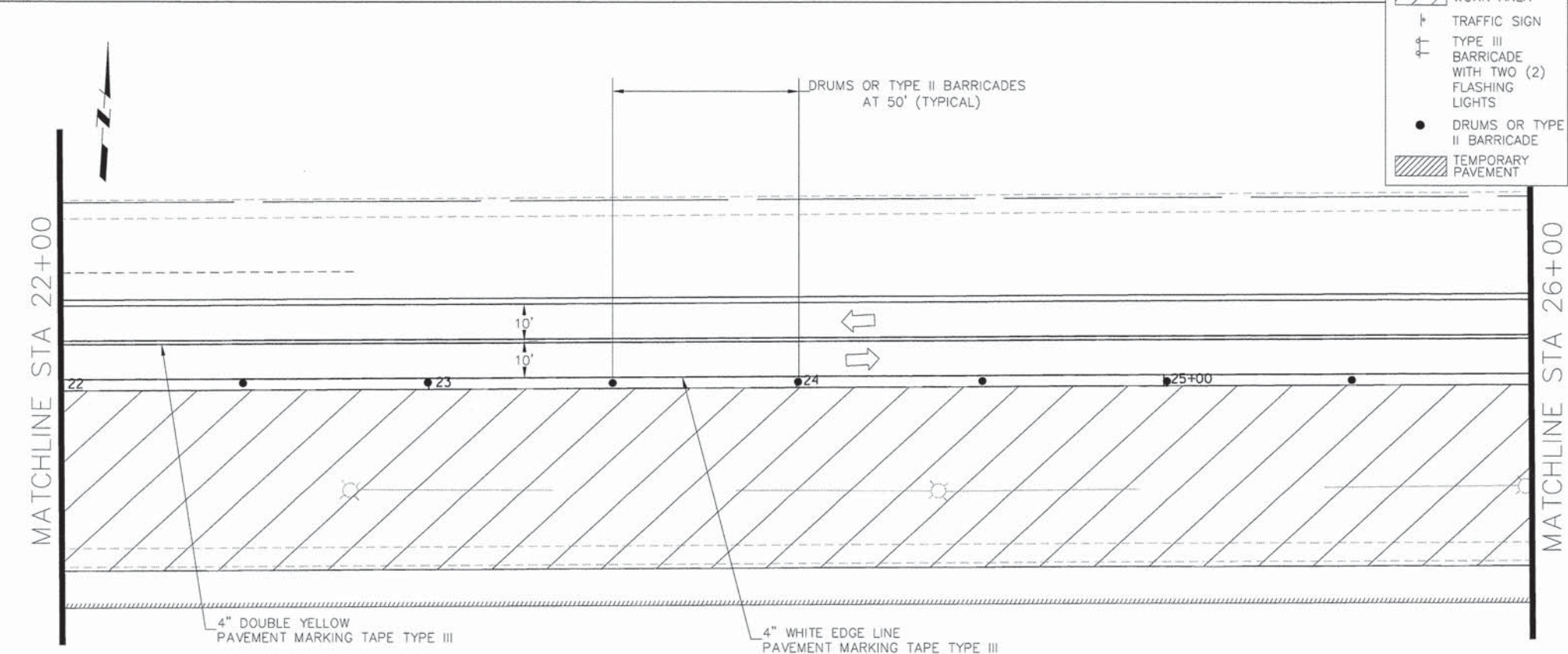
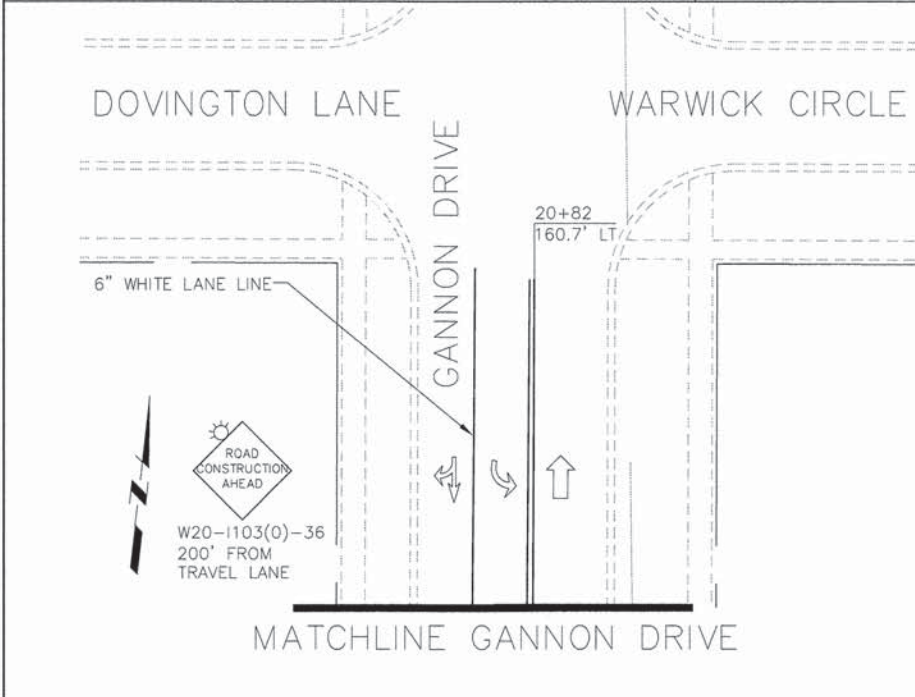
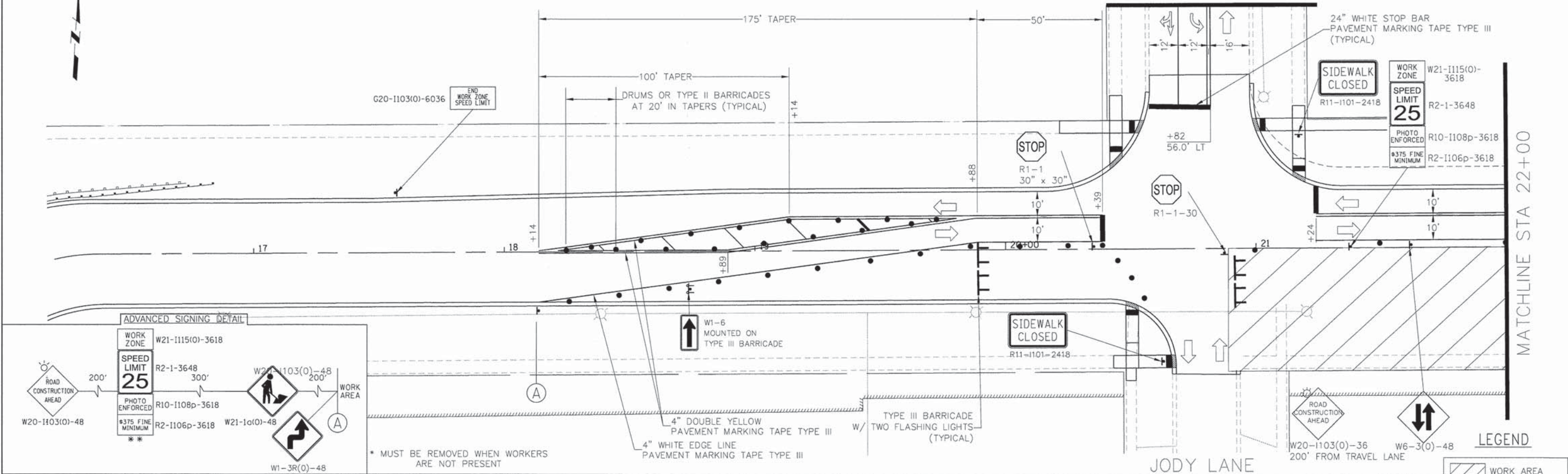
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2  
 BODE ROAD  
 SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 38+00 TO STA. 48+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	32
CONTRACT NO. 61A72				



MATCHLINE GANNON DRIVE



NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen  
 DATE PLOTTED: 9/4/2014 11:32:20 AM  
 FILE NAME: 468-mot301.dgn  
 PLOT DRIVER: pdflpr  
 PEN TABLE: standard-trans-screen-fgbs.tbl

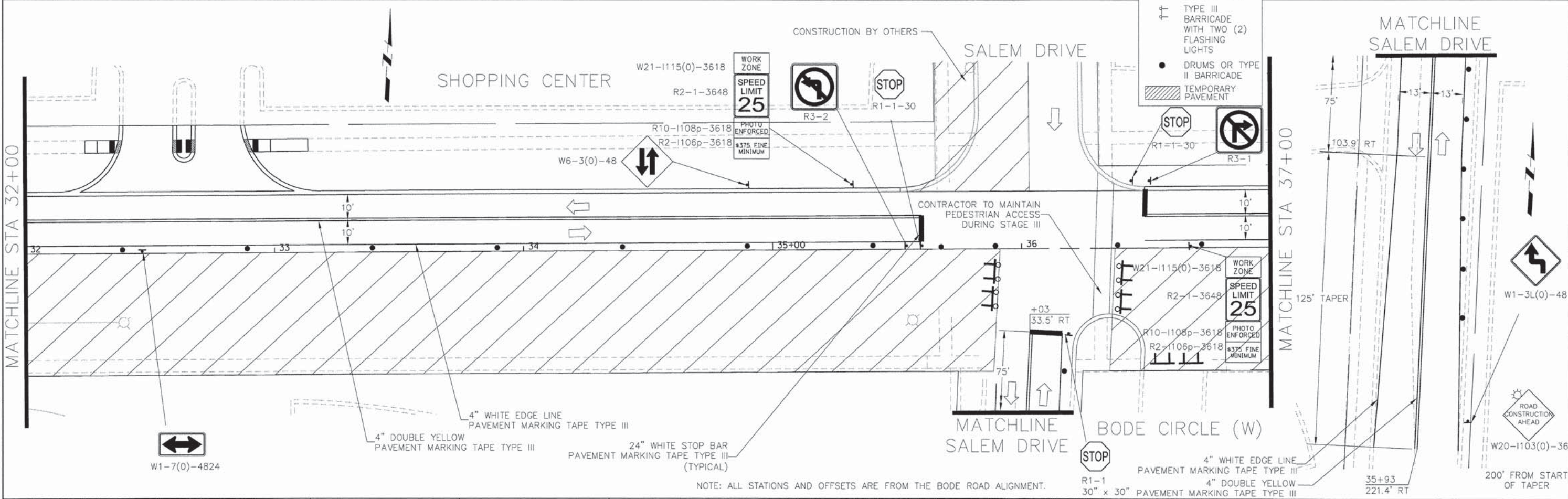
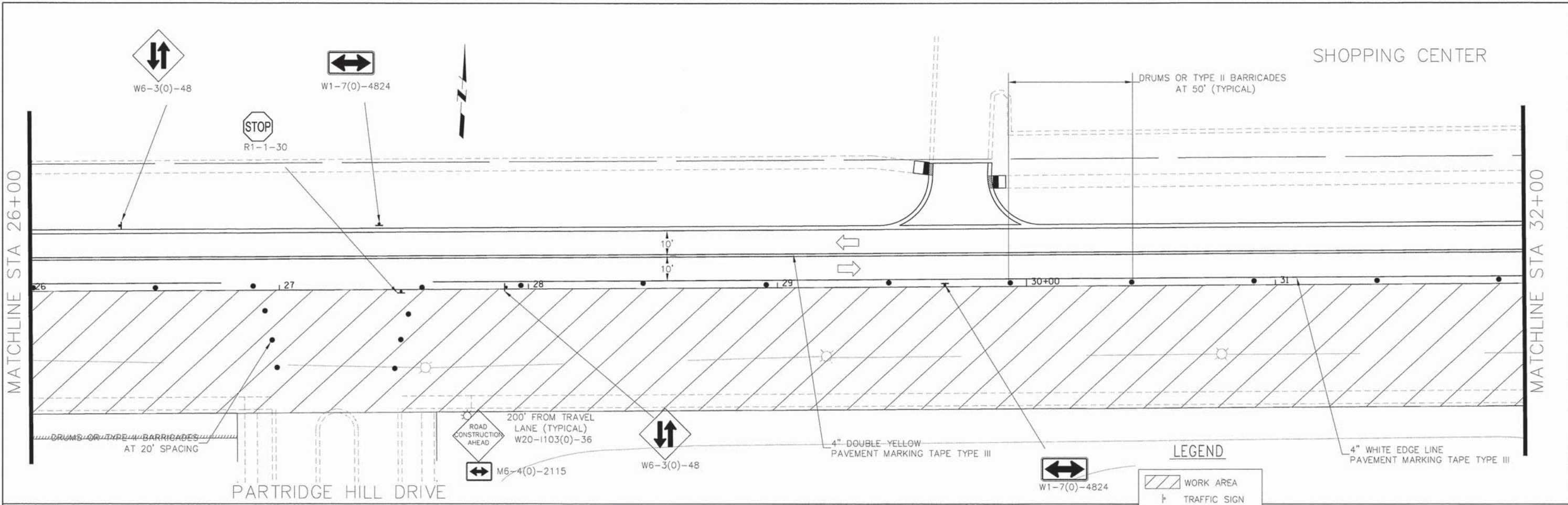


USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 468-mot301.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3		
BODE ROAD		
SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA. 16+00 TO STA. 26+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	33
CONTRACT NO. 61A72				



**LEGEND**

- WORK AREA
- TRAFFIC SIGN
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DRUMS OR TYPE II BARRICADE
- TEMPORARY PAVEMENT

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:52:25 AM  
 FILE NAME: 468-mo1302.dgn  
 PLOT DRIVER: pdf.plt  
 PLOT TABLE: standard-frames-screen-top.tbl

USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 468-mo1302.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

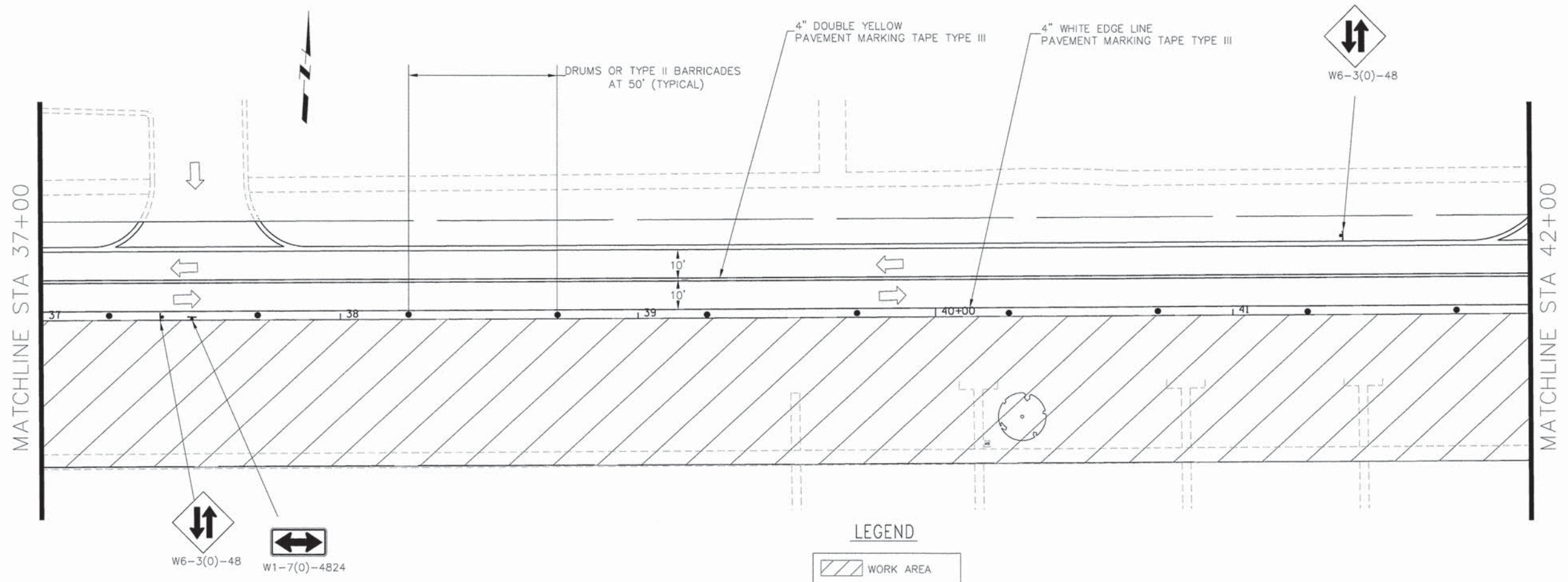
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3**  
**BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 2 OF 3 SHEETS    STA. 26+00 TO STA. 38+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 34
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 61A72

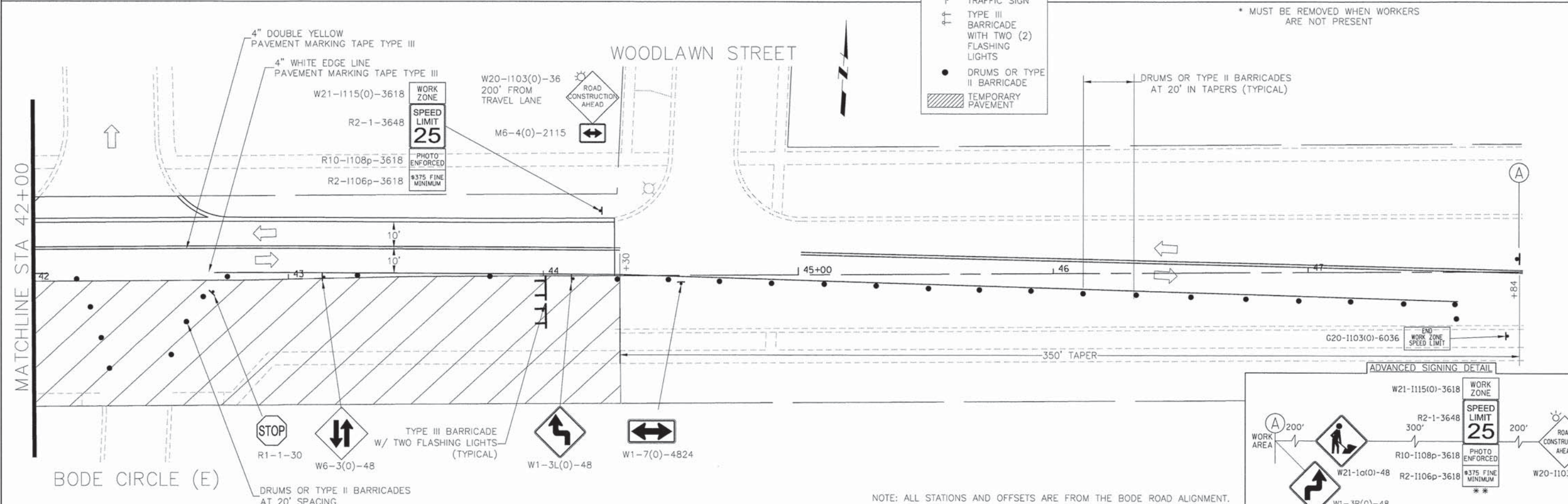
NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.



**LEGEND**

- WORK AREA
- TRAFFIC SIGN
- TYPE III BARRICADE WITH TWO (2) FLASHING LIGHTS
- DRUMS OR TYPE II BARRICADE
- TEMPORARY PAVEMENT

\* MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT



**ADVANCED SIGNING DETAIL**

NOTE: ALL STATIONS AND OFFSETS ARE FROM THE BODE ROAD ALIGNMENT.

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:32:29 AM  
 FILE NAME: 468-mot303.dgn  
 PLOT SCALE: 1" = 20'  
 PLOT DATE: 9/4/2014

**HRGreen**  
 Illinois Professional Design Firm  
 # 184-001322

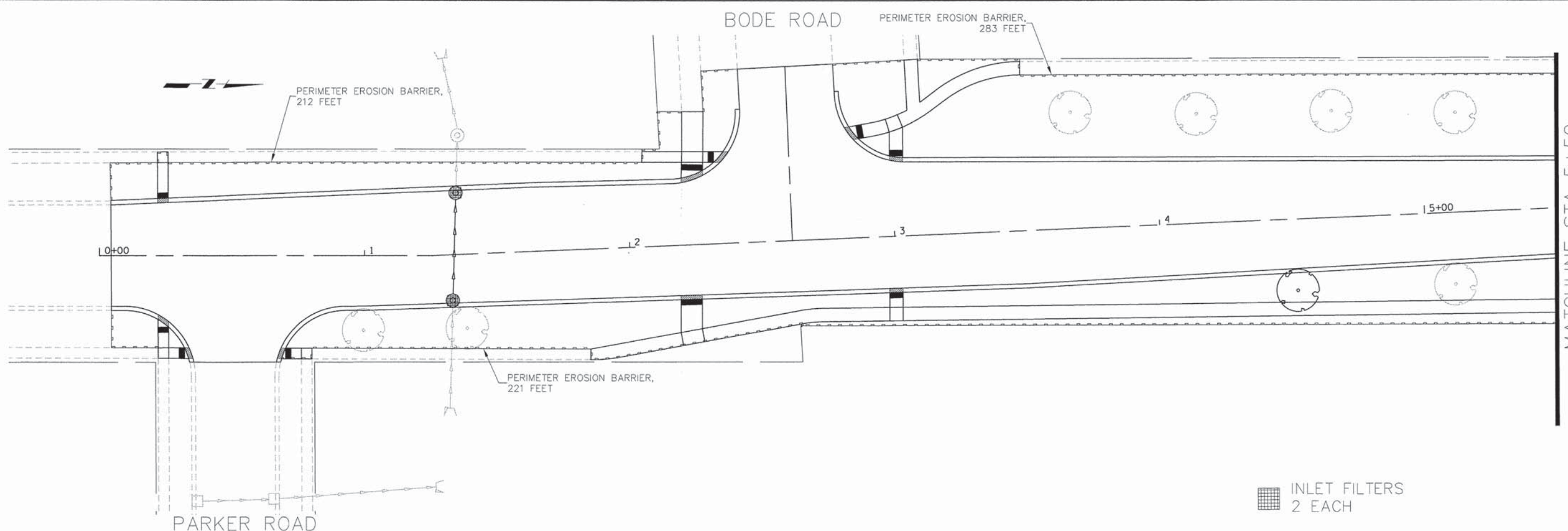
USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 468-mot303.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3  
 BODE ROAD**

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 38+00 TO STA. 48+00

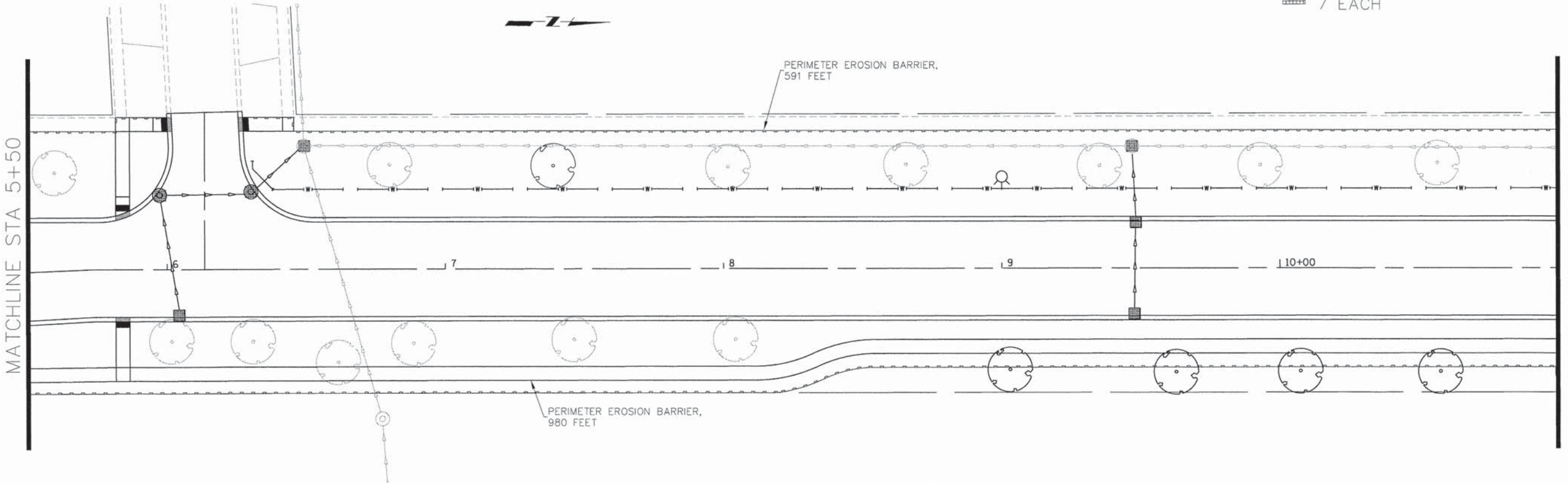
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	35
CONTRACT NO. 61A72				



MATCHLINE STA 5+50

INLET FILTERS  
2 EACH

WAINSFORD DRIVE (S)



MATCHLINE STA 5+50

MATCHLINE STA 11+00

INLET FILTERS  
7 EACH

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:20:34 AM  
 FILE NAME: 468-ecp01.dgn  
 PLOT DRIVER: pdt.plt  
 PLOT TABLE: standard-trans-scrn-100s.tbl

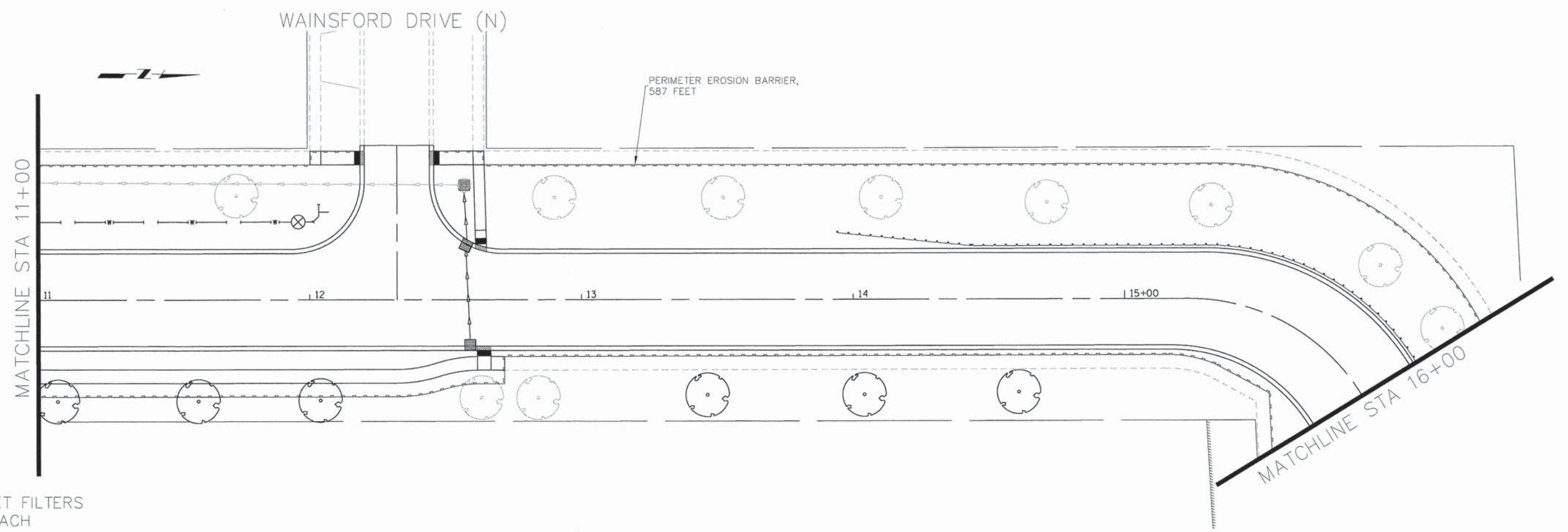


USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 468-ecp01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

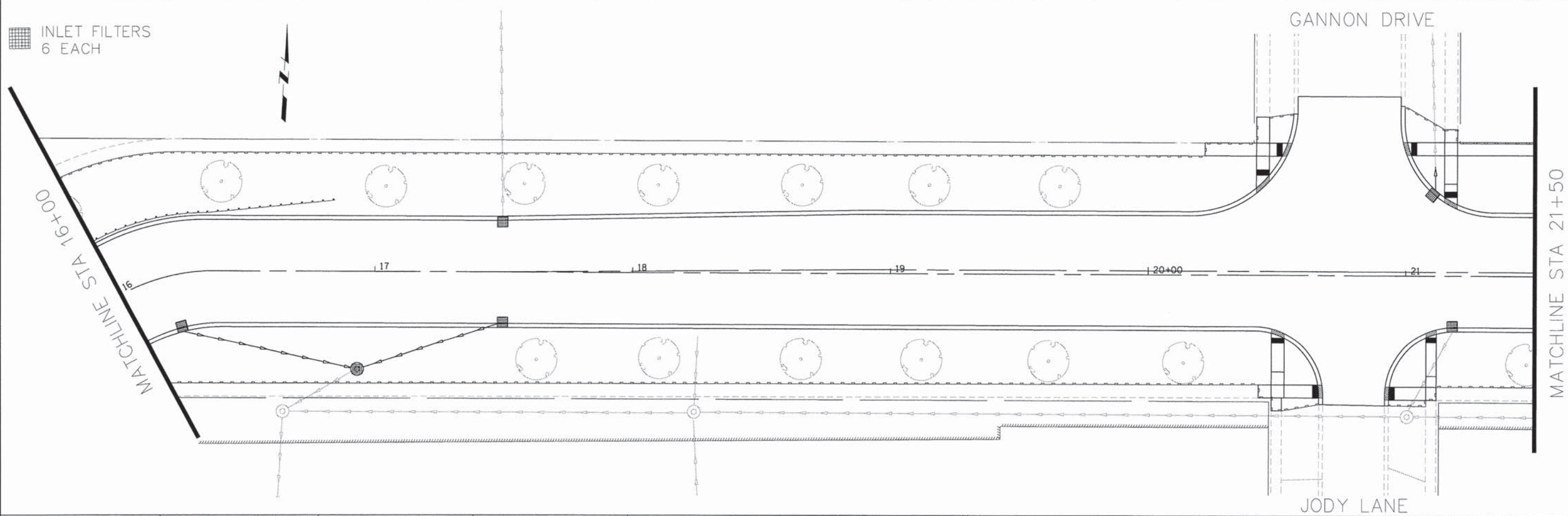
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL PLAN BODE ROAD</b>			
SCALE: 1" = 20'	SHEET NO. 1 OF 4 SHEETS	STA. 0+00	TO STA. 11+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 36
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61A72		



INLET FILTERS  
3 EACH



INLET FILTERS  
6 EACH

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:52:38 AM  
 FILE NAME: 460-ecp02.dgn  
 PLOT DATE: 9/4/2014  
 PLOT BY: JRM  
 PEN TABLE: Standard-Trans-screen-topos.tbl

HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-ecp02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

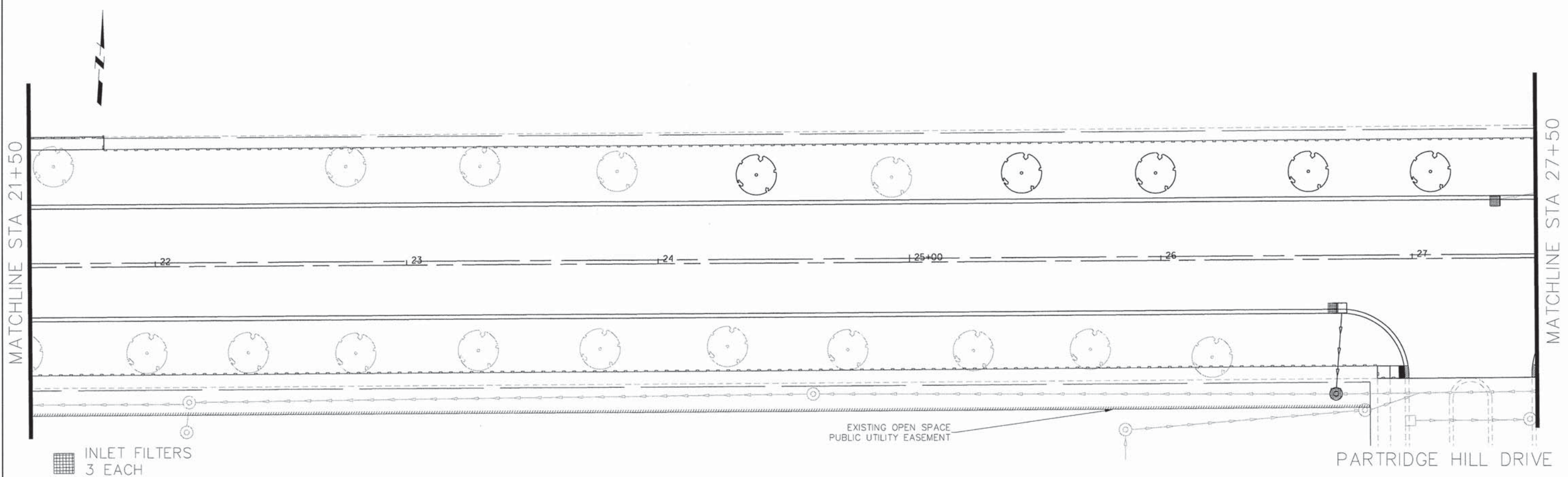
EROSION CONTROL PLAN  
 BODE ROAD

SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. 11+00 TO STA. 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	37
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61A72	

MATCHLINE STA 21+50

MATCHLINE STA 27+50



INLET FILTERS  
3 EACH

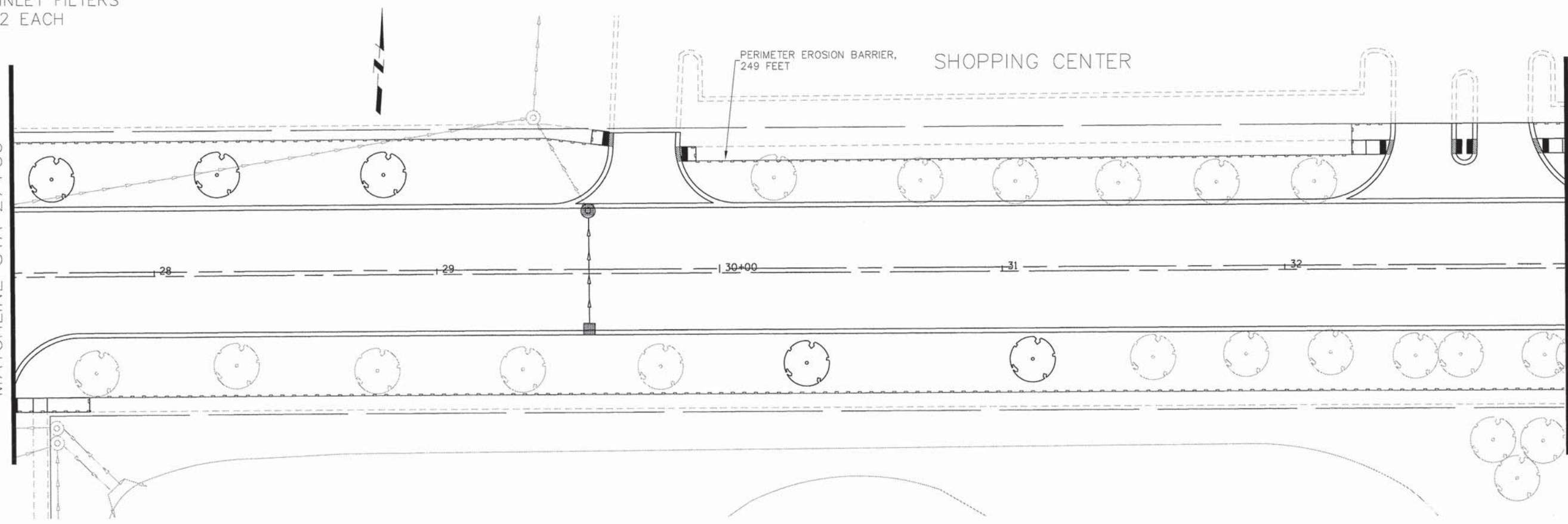
EXISTING OPEN SPACE  
PUBLIC UTILITY EASEMENT

PARTRIDGE HILL DRIVE

INLET FILTERS  
2 EACH

MATCHLINE STA 27+50

MATCHLINE STA 33+00



PERIMETER EROSION BARRIER,  
249 FEET

SHOPPING CENTER

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 CLIENT: # 184-001322  
 DATE PLOTTED: 9/4/2014 11:22:43 AM  
 FILE NAME: 460-ecp03.dgn  
 PLOT DRIVER: pdfn.plt  
 PEN TABLE: s:\font\dr-frans\screen-topo.tbl



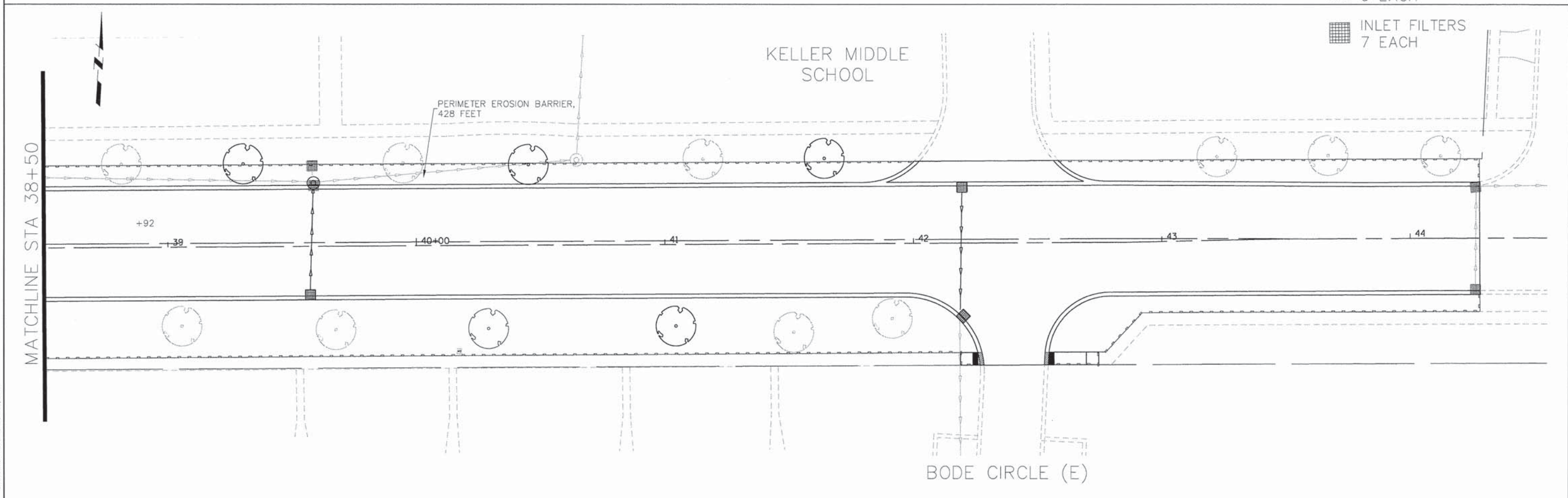
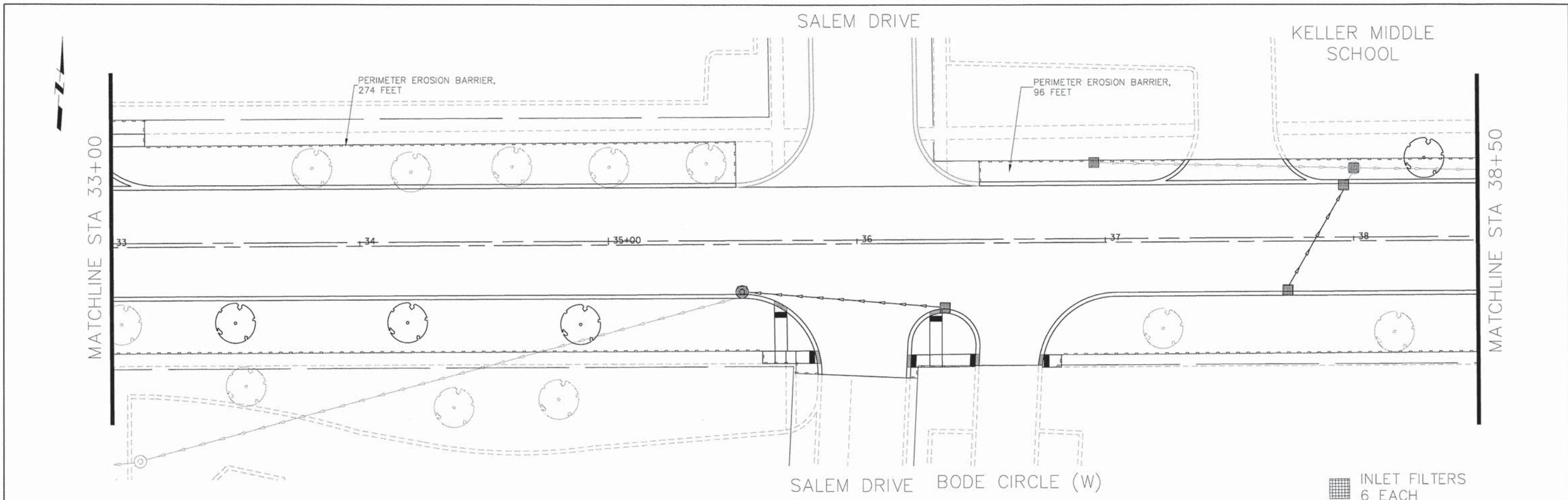
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-ecp03.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN  
 BODE ROAD

SCALE: 1" = 20' SHEET NO. 3 OF 4 SHEETS STA. 21+50 TO STA. 33+00

F.A.J. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 38
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61A72		



COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 CLIENT: # 184-001322  
 DATE PLOTTED: 9/4/2014 11:32:47 AM  
 FILE NAME: 468-ecp04.dgn  
 PLOT SCALE: 1" = 20'  
 PLOT DATE: 9/4/2014



USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 468-ecp04.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

**EROSION CONTROL PLAN**  
**BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 4 OF 4 SHEETS    STA. 33+00 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	39
CONTRACT NO. 61A72				

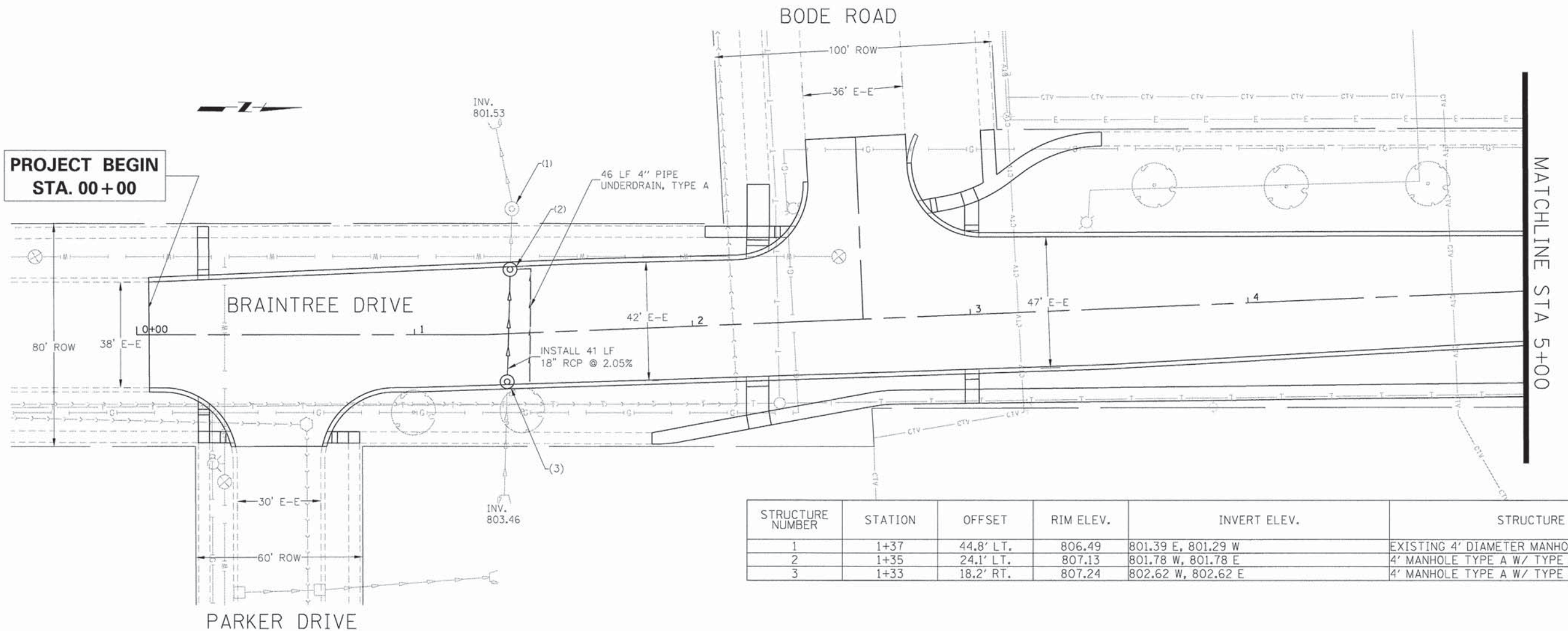
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
PT. OF WAY CHECKED	
NO. 1	
NO. 2	
NO. 3	

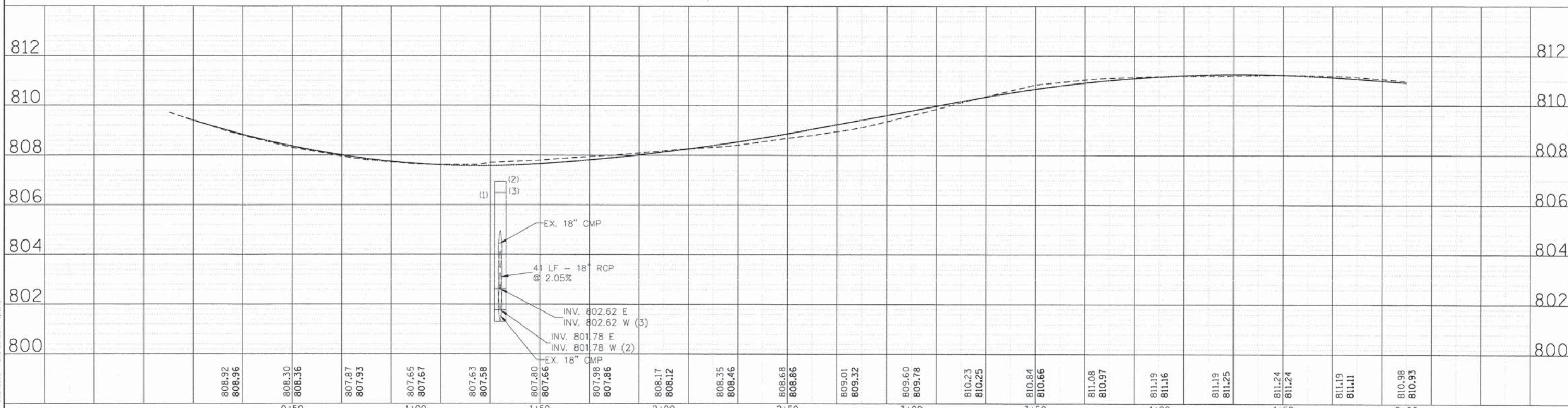
DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
S.M. NOTED	
STRUCTURE NOTATIONS	
NO. 1	
NO. 2	
NO. 3	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 CLIENT: HRGreen  
 DATE PLOTTED: 9/4/2014 11:32:51 AM  
 FILE NAME: 460-dpp01.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\font-d\font-scrnem-1\tops.tbl

**PROJECT BEGIN  
STA. 00+00**



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
1	1+37	44.8' LT.	806.49	801.39 E, 801.29 W	EXISTING 4' DIAMETER MANHOLE
2	1+35	24.1' LT.	807.13	801.78 W, 801.78 E	4' MANHOLE TYPE A W/ TYPE 3V FRAME AND GRATE
3	1+33	18.2' RT.	807.24	802.62 W, 802.62 E	4' MANHOLE TYPE A W/ TYPE 3V FRAME AND GRATE



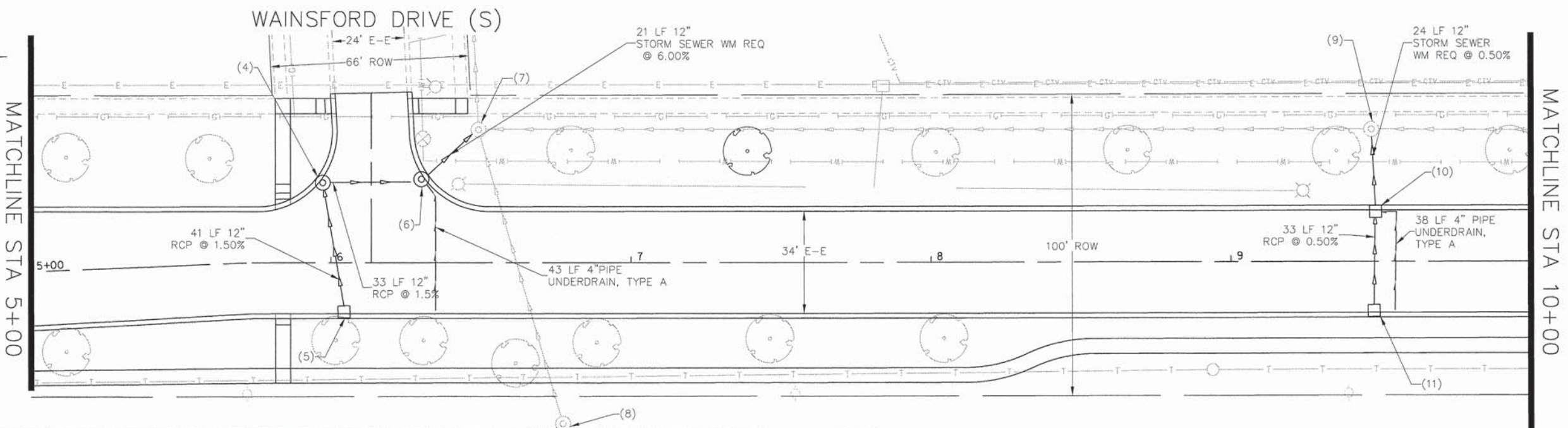
USER NAME = dstancoz	DESIGNED - TAY	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE AND UTILITY PLAN BODE ROAD</b>		F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 40	
FILE NAME = 460-dpp01.dgn	DRAWN - DMS	REVISED -		SCALE: 1" = 20'	SHEET NO. 1 OF 9 SHEETS	STA. 0+00.00 TO STA. 5+00.00	CONTRACT NO. 61A72				
PLDT SCALE = 1" = 20'	CHECKED - JRM	REVISED -									
PLDT DATE = 9/4/2014	DATE - 8/18/14	REVISED -									



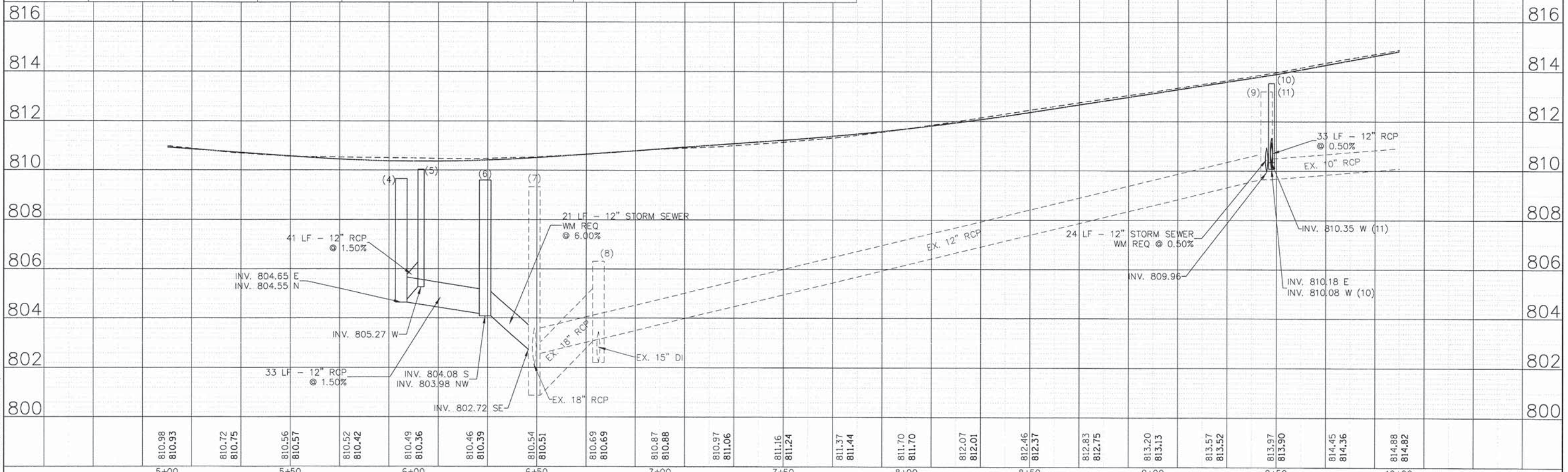
DATE	
BY	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
PROFILE	
NOTE BOOK	
NO.	

PROJECT CONTACT:  
 DATE PLOTTED: 9/4/2014 11:32:55 AM  
 FILE NAME: 460-dpp02.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\font\tr-travis-screen-top.tbl



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
4	5+97	27.2' LT.	809.66	804.65 E, 804.55 N	4' MANHOLE TYPE A W/ TYPE 3V FRAME AND GRATE
5	6+04	17.0' RT.	810.03	805.27 W	INLET TYPE A W/ TYPE 3V FRAME & GRATE
6	6+31	28.3' LT.	809.60	804.08 S, 803.00 NW	4' MANHOLE TYPE A W/ TYPE 3V FRAME AND GRATE
7	6+49	44.0' LT.	809.33	802.72 SE, 800.87 NE, 801.22 W, 802.57 N	EXISTING 4' DIAMETER MANHOLE
8	6+77	53.8' RT.	806.31	803.06 SW, 802.21 E	EXISTING 4' DIAMETER MANHOLE
9	9+47	43.7' LT.	813.21	809.96 E, 809.71 S, 809.66 N	EXISTING 4' DIAMETER MANHOLE
10	9+48	17.0' LT	813.54	810.18 E, 810.08 W	INLET TYPE A W/ TYPE 3V FRAME & GRATE
11	9+48	17.0' RT	813.54	810.35 W	INLET TYPE A W/ TYPE 3V FRAME & GRATE



810.98	810.93	810.72	810.75	810.56	810.57	810.52	810.42	810.49	810.36	810.46	810.39	810.54	810.51	810.69	810.69	810.87	810.88	810.97	811.06	811.16	811.24	811.37	811.44	811.70	811.70	812.07	812.01	812.46	812.37	812.83	812.75	813.20	813.13	813.57	813.52	813.97	813.90	814.45	814.36	814.88	814.82
5+00		5+50		6+00		6+50		7+00		7+50		8+00		8+50		9+00		9+50		10+00																					

**HRGreen.com**  
 Illinois Professional Design Firm  
 # 184-001322

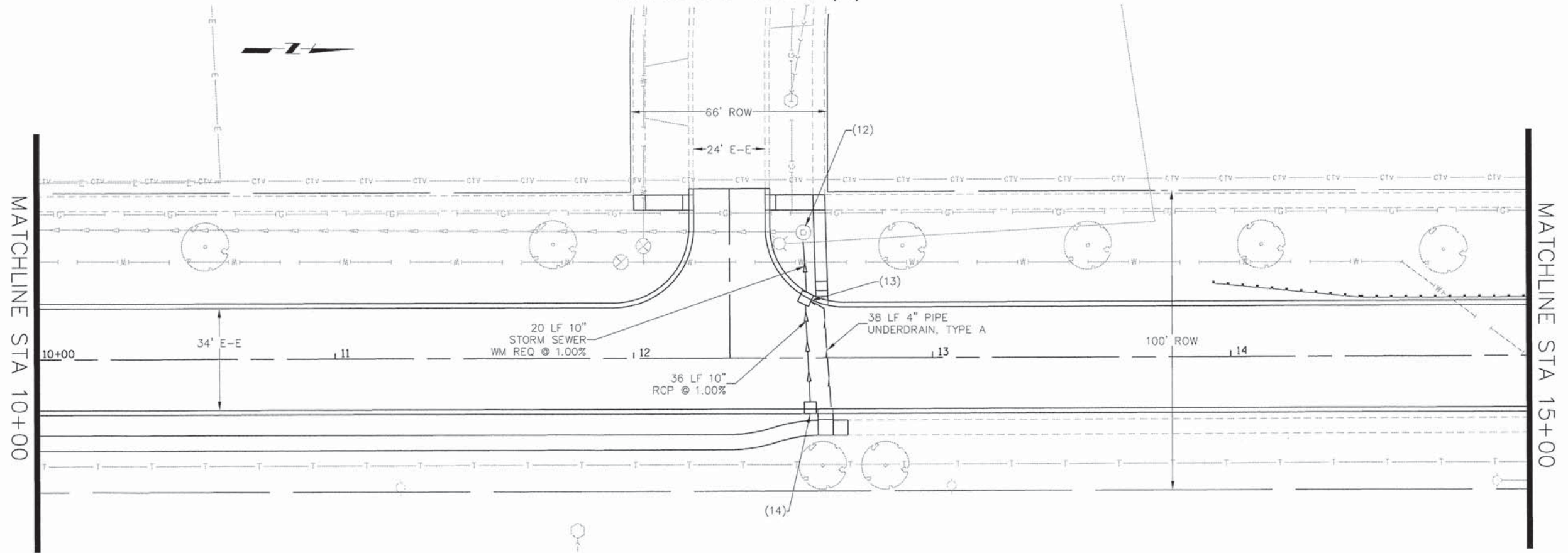
USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

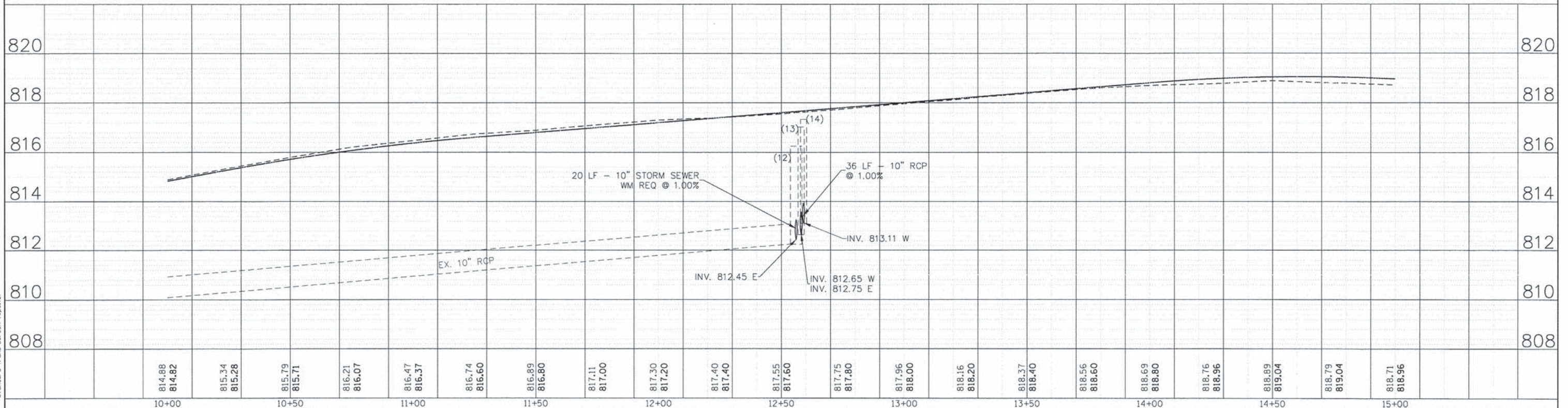
**DRAINAGE AND UTILITY PLAN**  
**BODE ROAD**  
 SCALE: 1" = 20' SHEET NO. 2 OF 9 SHEETS STA. 5+00.00 TO STA. 10+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	41
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 61A72		

WAINSFORD DRIVE (N)



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
12	12+57	42.0' LT.	816.25	812.45 E, 812.45 S	EXISTING 4' DIAMETER MANHOLE
13	12+57	20.5' LT.	817.03	812.65 W, 812.75 E	INLET TYPE A W/ TYPE 3V FRAME & GRATE
14	12+59	17.0' RT.	817.34	813.11 W	INLET TYPE A W/ TYPE 3V FRAME & GRATE



PLAN	BY	DATE
SURVEYED		
ALIGNED		
CHECKED		
RT. OF WAY CHECKED		
NO. OF WAY CHECKED		
NO.		

PROFILE	BY	DATE
SURVEYED		
GRADES CHECKED		
NO. NOTED		
STRUCTURE NOTATIONS CHFD		
NO.		

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:33:00 AM  
 FILE NAME: 460-dpp03.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: standard-tran-scr-epen-topo.tbl



USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp03.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE = 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN  
BODE ROAD**

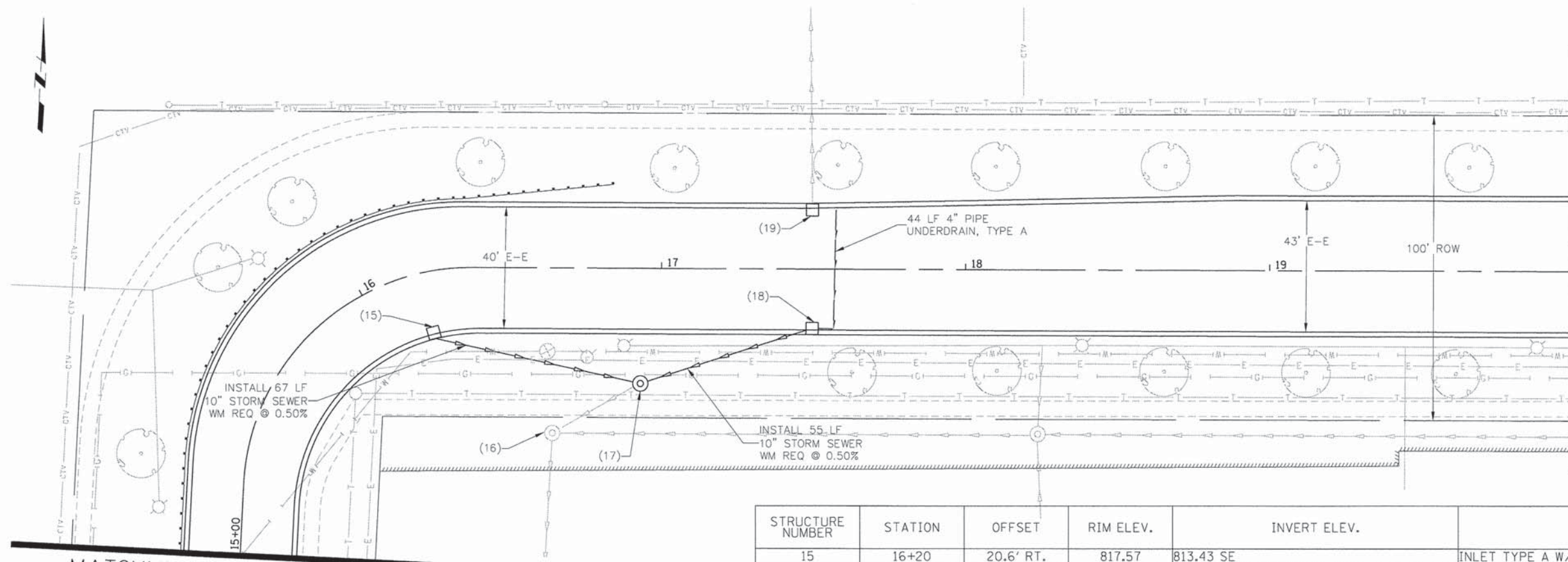
SCALE: 1" = 20'    SHEET NO. 3 OF 9 SHEETS    STA. 10+00.00 TO STA. 15+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 42
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 61A72				

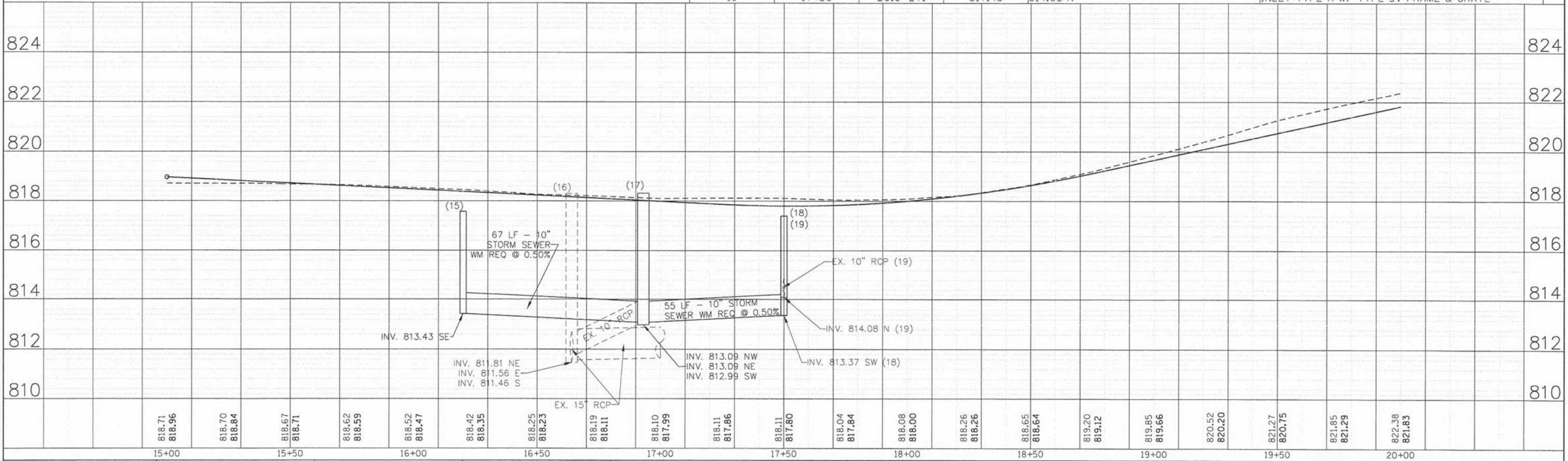
PLAN	SURVEYED	DATE
	ALIGNMENT CHECKED	
	PLT. OF WAY CHECKED	
	ROAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	E.M. NOTED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 CLIENT: HRGreen  
 DATE PLOTTED: 9/4/2014 11:33:05 AM  
 FILE NAME: 460-dpp04.dgn  
 PLOT DRIVER: pldrv.plt  
 PEN TABLE: standard-trim-on-screen-topo.tbl



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
15	16+20	20.6' RT.	817.57	813.43 SE	INLET TYPE A W/ TYPE 3V FRAME & GRATE
16	16+64	54.2' RT.	818.30	811.81 NE, 811.56 E, 811.46 S	EXISTING 4' DIAMETER MANHOLE
17	16+93	37.8' RT.	818.31	813.09 NW, 813.09 NE, 812.99 SW	5' MANHOLE TYPE A W/ TYPE I FRAME, CLOSED LID
18	17+50	20.0' RT.	817.40	813.37 SW	INLET TYPE A W/ TYPE 3V FRAME & GRATE
19	17+50	20.0' LT.	817.40	814.08 N	INLET TYPE A W/ TYPE 3V FRAME & GRATE



USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp04.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

**DRAINAGE AND UTILITY PLAN**  
**BODE ROAD**

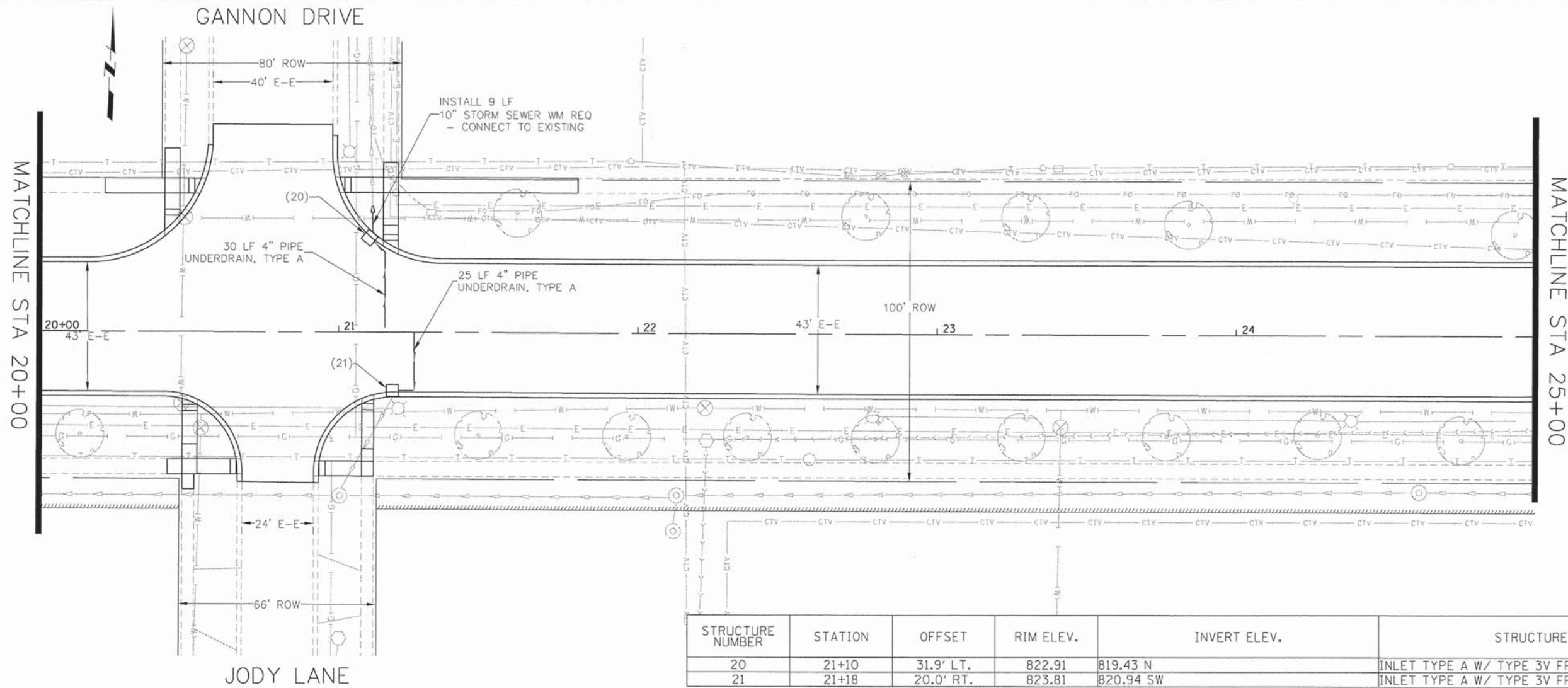
SCALE: 1" = 20'    SHEET NO. 4 OF 9 SHEETS    STA. 15+00.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	43
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

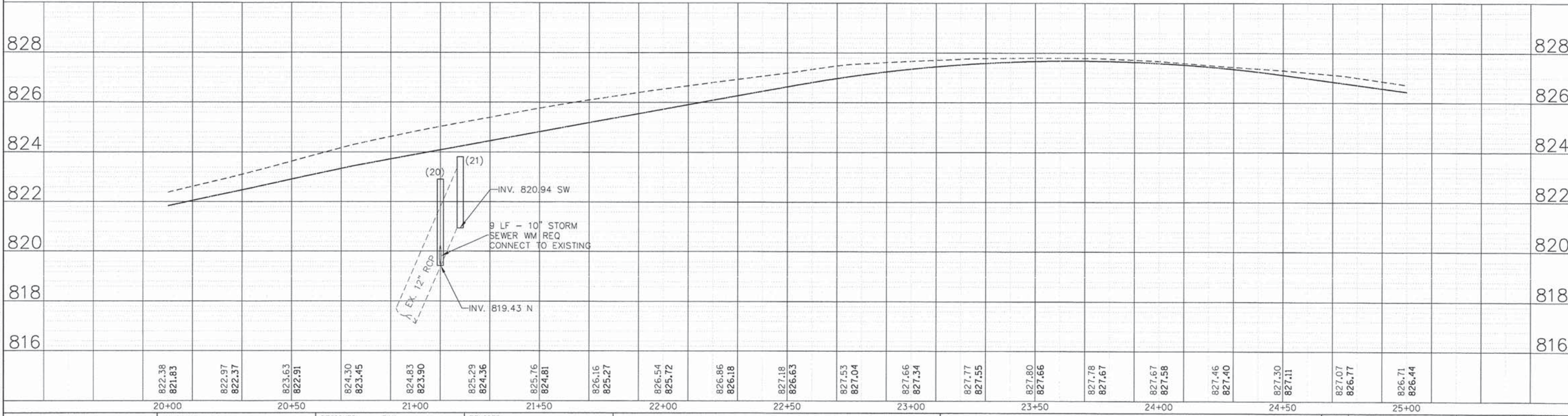
DATE	
BY	
REVIEWED	
ALIGNMENT	CHECKED
GRADES	CHECKED
STRUCTURE	NOTED
NOTES	NOTED
NO.	

DATE	
BY	
REVIEWED	
GRADES	CHECKED
STRUCTURE	NOTED
NOTES	NOTED
NO.	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:33:10 AM  
 FILE NAME: 460-dpp05.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLET: s:\endor-d\trns-sect\enr-topo.tbl



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
20	21+10	31.9' LT.	822.91	819.43 N	INLET TYPE A W/ TYPE 3V FRAME & GRATE
21	21+18	20.0' RT.	823.81	820.94 SW	INLET TYPE A W/ TYPE 3V FRAME & GRATE



822.38	821.83	822.97	822.37	823.63	822.91	824.30	823.45	824.83	823.90	825.29	824.36	825.76	824.81	826.16	825.27	826.54	825.72	826.86	826.18	827.18	826.63	827.53	827.04	827.66	827.34	827.77	827.55	827.80	827.66	827.78	827.67	827.67	827.58	827.46	827.40	827.30	827.11	827.07	826.77	826.71	826.44
20+00		20+50		21+00		21+50		22+00		22+50		23+00		23+50		24+00		24+50		25+00																					

USER NAME = dstenz  
 FILE NAME = 460-dpp05.dgn  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 9/4/2014

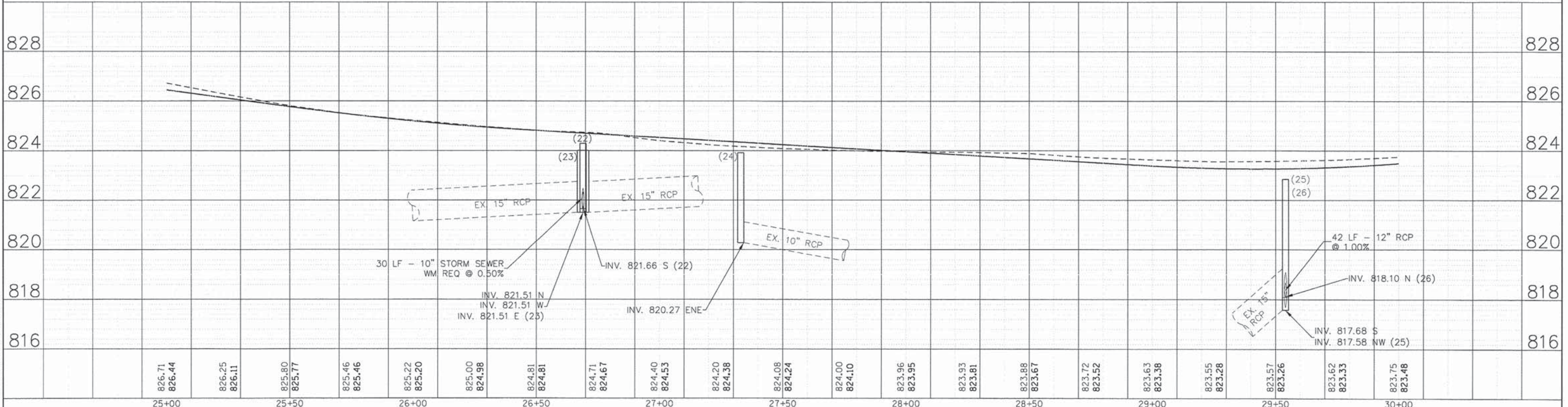
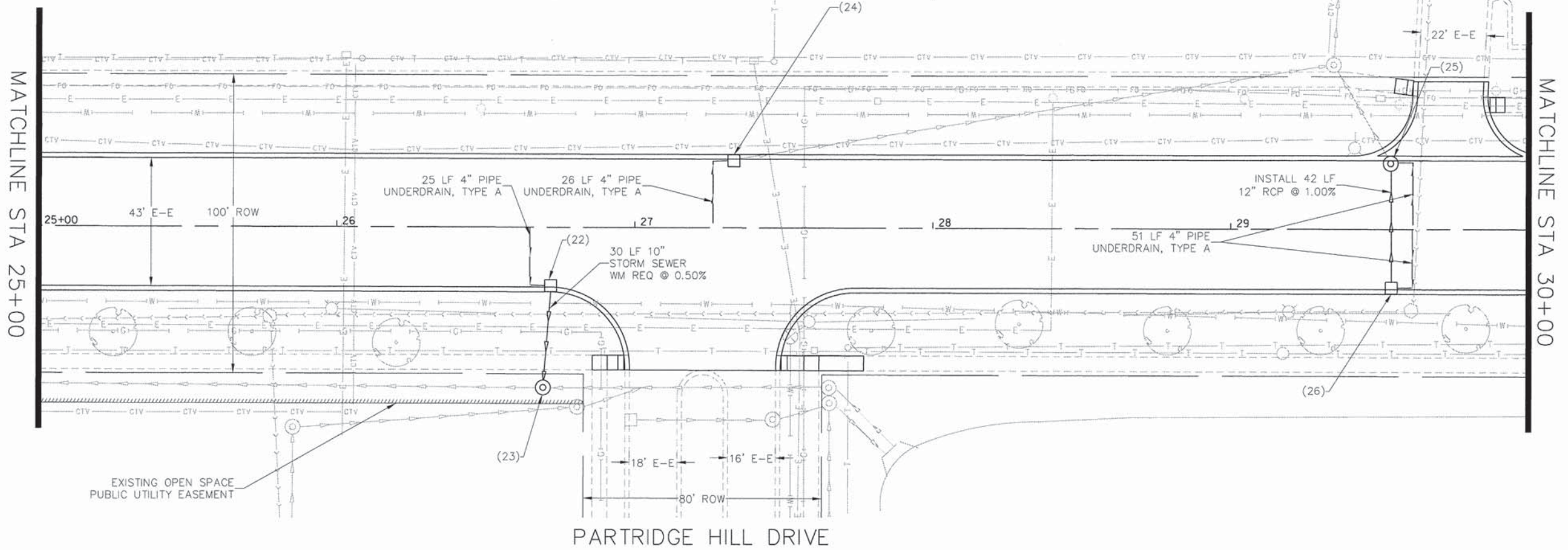
DESIGNED - TAY	REVISED -
DRAWN - DMS	REVISED -
CHECKED - JRM	REVISED -
DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN  
 BODE ROAD  
 SCALE: 1" = 20' SHEET NO. 5 OF 9 SHEETS STA. 20+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	44
CONTRACT NO. 61A72				

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
22	26+72	20.0' RT.	824.29	821.66 S	INLET TYPE A W/ TYPE 3V FRAME & GRATE
23	26+69	53.5' RT.	824.01	821.51 N, 821.51 W, 821.51 E	4' MANHOLE TYPE A W/ TYPE 8 GRATE
24	27+33	23.0' LT.	823.91	820.27 NE	INLET TYPE A W/ TYPE 3V FRAME & GRATE
25	29+54	23.0' LT.	822.85	817.58 NW, 817.68 S	4' MANHOLE TYPE A W/ TYPE 1, OPEN LID
26	29+54	20.0' RT.	822.84	818.10 N	INLET TYPE A W/ TYPE 3V FRAME & GRATE



DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PLAN	
NO.	
DESCRIPTION	
DATE	
BY	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
PROFILE	
NO.	
DESCRIPTION	
DATE	
BY	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:33:14 AM  
 FILE NAME: 460-dpp06.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\fontend-tr\pens-screen-fpax.tbl

**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dmsanz	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp06.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

**DRAINAGE AND UTILITY PLAN**  
**BODE ROAD**

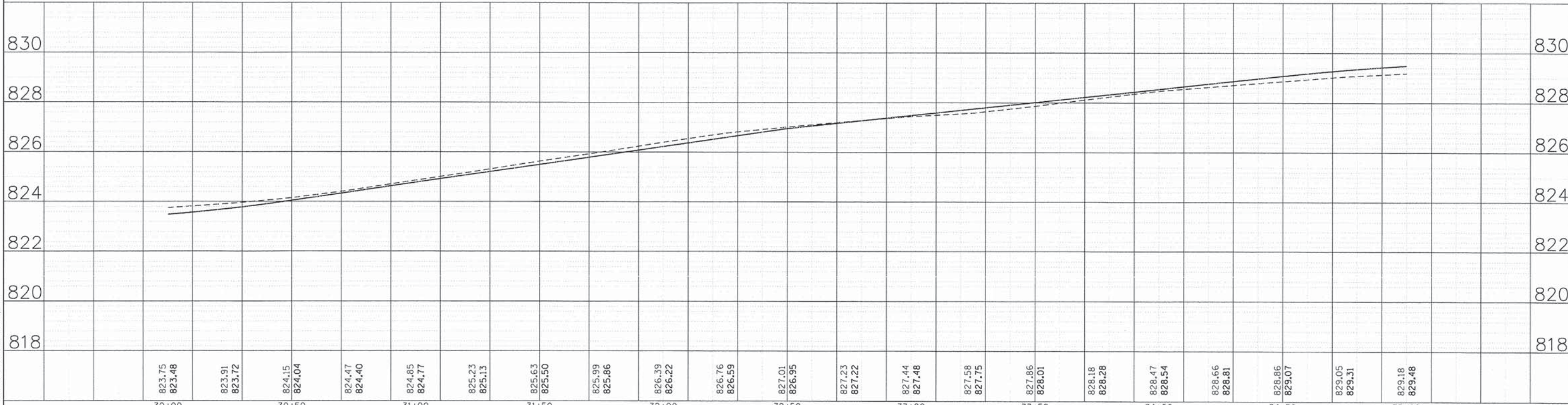
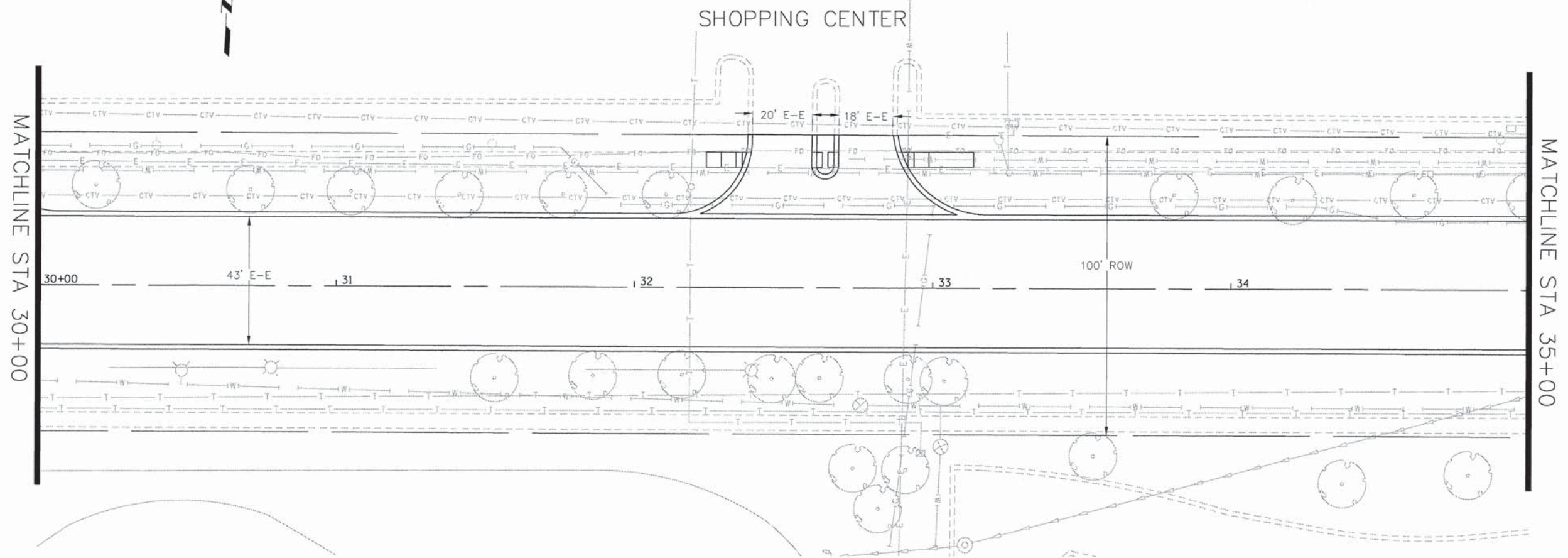
SCALE: 1" = 20'    SHEET NO. 6 OF 9 SHEETS    STA. 25+00.00 TO STA. 30+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 45
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 61A72				

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
BY	
NOTE BOOK	
NO. OF WAY CHECKED	
NO.	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
BY	
NOTE BOOK	
NO. NOTED	
STRUCTURE NOTATIONS	
NO.	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:33:19 AM  
 FILE NAME: 460-dpp01.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\font-d\frans-scrnem-topa.tbl



823.75 823.48	823.91 823.72	824.15 824.04	824.47 824.40	824.85 824.77	825.23 825.13	825.63 825.50	825.99 825.86	826.39 826.22	826.76 826.59	827.01 826.95	827.23 827.22	827.44 827.48	827.58 827.75	827.86 828.01	828.18 828.28	828.47 828.54	828.66 828.81	828.86 829.07	829.05 829.31	829.18 829.48
30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50	34+00	34+50	35+00										

HRGreen.com  
 Illinois Professional Design Firm  
 # 164-001322

USER NAME = dstanoz	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

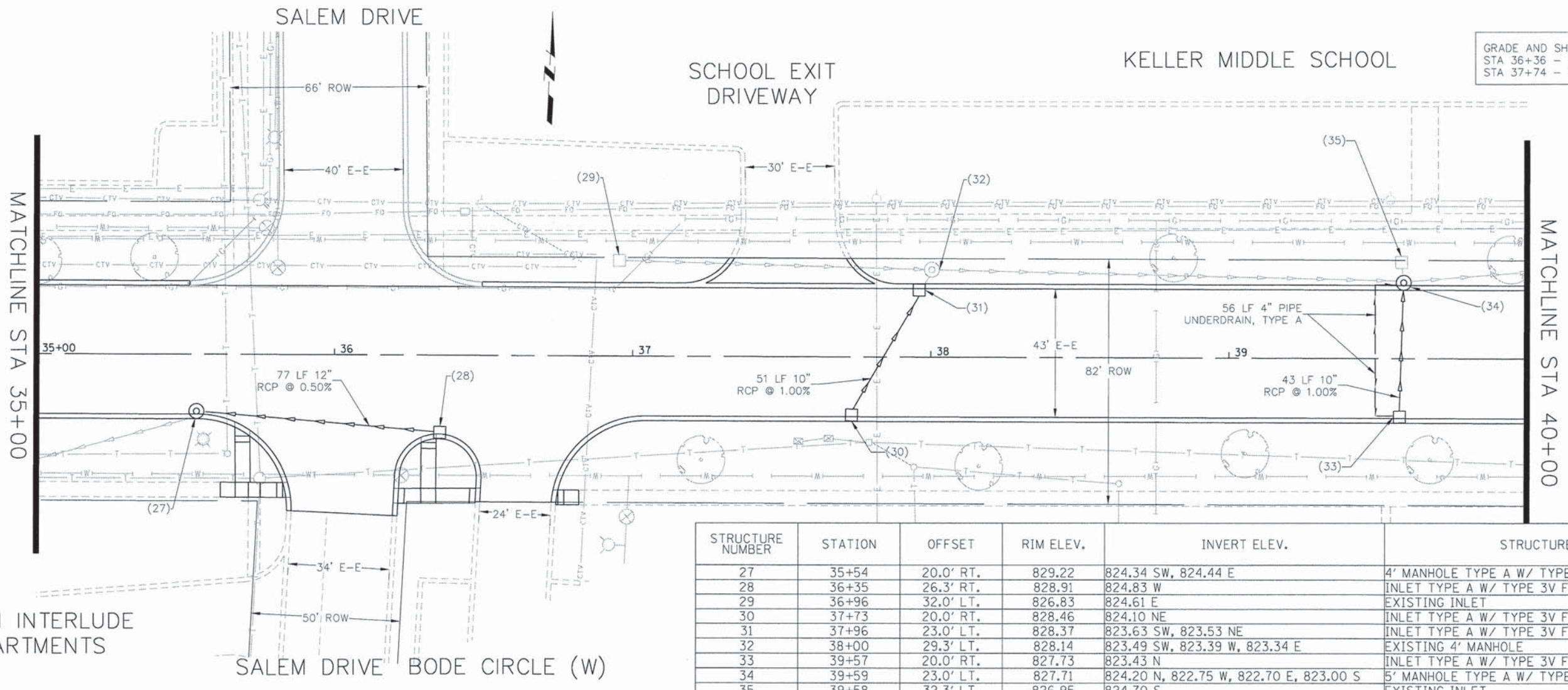
**DRAINAGE AND UTILITY PLAN**  
**BODE ROAD**  
 SCALE: 1" = 20' SHEET NO. 7 OF 9 SHEETS STA. 30+00.00 TO STA. 35+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	46
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NOTE BOOK NO.	
FILE NAME	

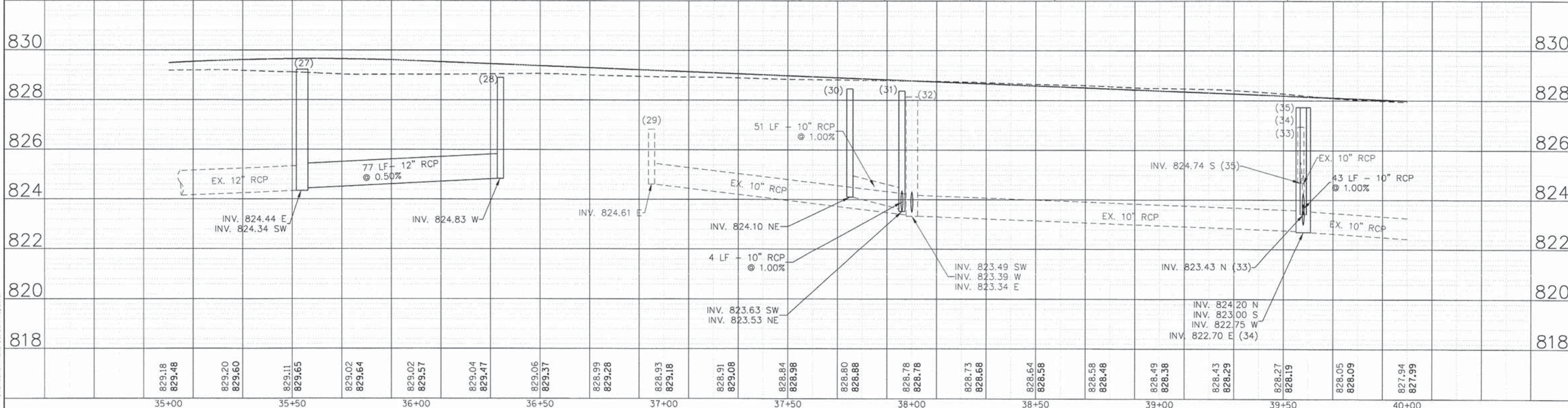
DATE	
BY	
SURVEYED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	
FILE NAME	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen  
 PROJECT: 460-dpp08.dgn  
 DATE PLOTTED: 9/4/2014 10:23:24 AM  
 FILE NAME: 460-dpp08.dgn  
 PLOT DRIVER: pdL.plt  
 PLOT TABLE: s1-render-c-trans-screen-topo.tbl



GRADE AND SHAPE DITCH  
 STA 36+36 - STA 37+32  
 STA 37+74 - STA 41+98

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
27	35+54	20.0' RT.	829.22	824.34 SW, 824.44 E	4' MANHOLE TYPE A W/ TYPE 3V FRAME AND GRATE
28	36+35	26.3' RT.	828.91	824.83 W	INLET TYPE A W/ TYPE 3V FRAME & GRATE
29	36+96	32.0' LT.	826.83	824.61 E	EXISTING INLET
30	37+73	20.0' RT.	828.46	824.10 NE	INLET TYPE A W/ TYPE 3V FRAME & GRATE
31	37+96	23.0' LT.	828.37	823.63 SW, 823.53 NE	INLET TYPE A W/ TYPE 3V FRAME & GRATE
32	38+00	29.3' LT.	828.14	823.49 SW, 823.39 W, 823.34 E	EXISTING 4' MANHOLE
33	39+57	20.0' RT.	827.73	823.43 N	INLET TYPE A W/ TYPE 3V FRAME & GRATE
34	39+59	23.0' LT.	827.71	824.20 N, 822.75 W, 822.70 E, 823.00 S	5' MANHOLE TYPE A W/ TYPE 3V FRAME AND GRATE
35	39+58	32.3' LT.	826.95	824.70 S	EXISTING INLET



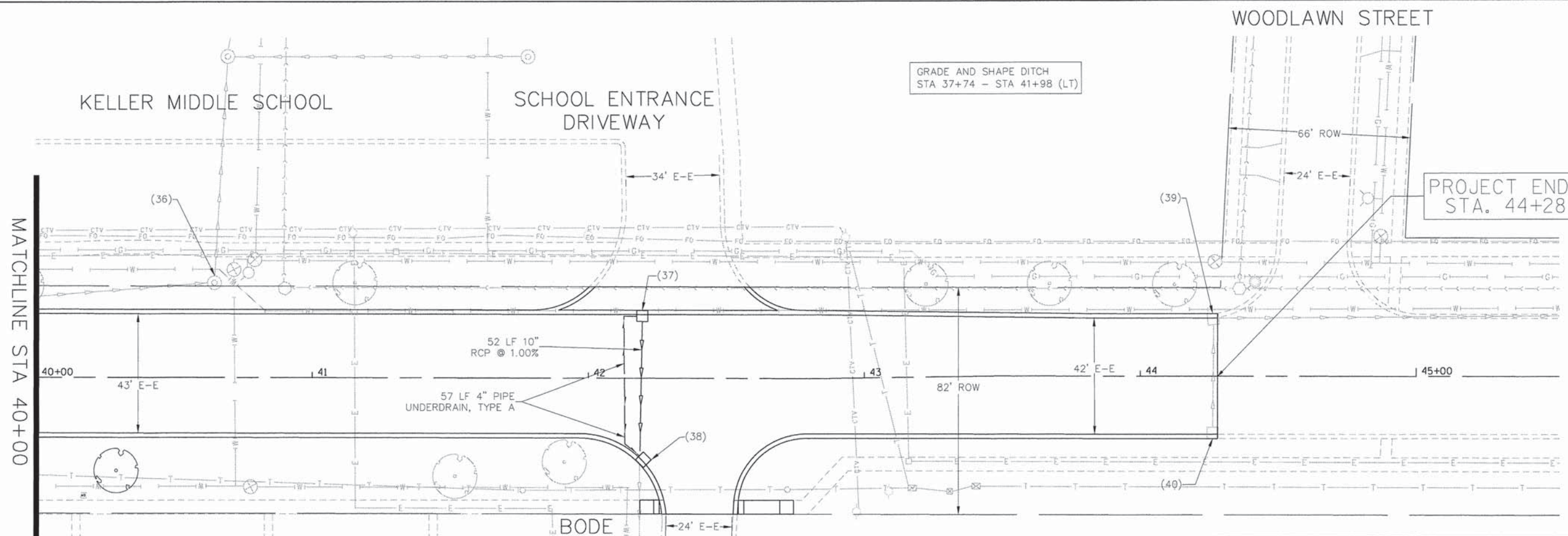
829.18 829.48	829.20 829.60	829.11 829.65	829.02 829.64	829.02 829.57	829.04 829.47	829.06 829.37	828.99 829.28	828.93 829.18	828.91 829.08	828.84 828.98	828.80 828.88	828.78 828.78	828.73 828.68	828.64 828.58	828.58 828.48	828.49 828.38	828.43 828.29	828.27 828.19	828.05 828.09	827.94 827.99	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+50	39+00	39+50	40+00
------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

USER NAME = dtenoz	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp08.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

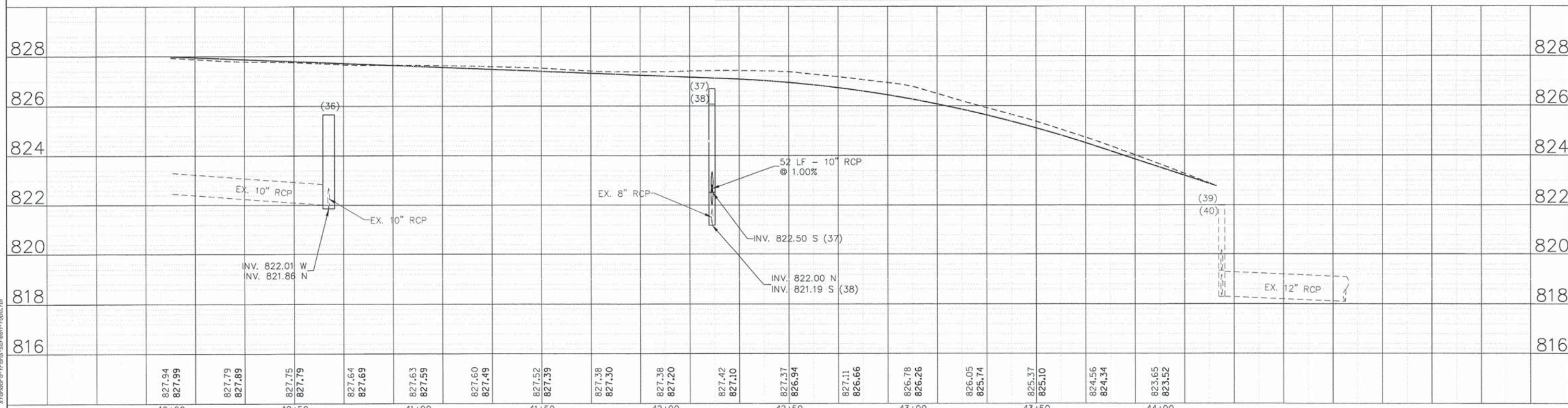
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN  
 BODE ROAD  
 SCALE: 1" = 20' SHEET NO. 8 OF 9 SHEETS STA. 35+00.00 TO STA. 40+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 47
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
36	40+65	34.2' LT.	825.66	822.01 N, 821.26 W	EXISTING 3' MANHOLE
37	42+20	23.0' LT.	826.69	822.52 S	INLET TYPE A W/ TYPE 1 FRAME, OPEN LID
38	42+20	29.9' RT.	826.07	822.00 N, 821.19 S	INLET TYPE A W/ TYPE 3V FRAME & GRATE
39	44+26	21.0' LT.	822.00	818.35 S, 818.30 E	EXISTING 2' INLET, TYPE 3V FRAME & GRATE
40	44+26	21.0' RT.	821.99	819.34 N	EXISTING 2' INLET, TYPE 3V FRAME & GRATE



DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
PLANNED	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
PLANNED	
NOTE BOOK	
NO.	

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 10:53:29 AM  
 FILE NAME: 460-dpp@9.dgn  
 PLOT DRIVER: paf.plt  
 PEN TABLE: standard-trans-screen-fg00.tbl

827.94	827.99	827.79	827.89	827.75	827.79	827.64	827.69	827.63	827.59	827.60	827.49	827.52	827.39	827.38	827.30	827.38	827.20	827.42	827.10	827.37	826.94	827.11	826.66	826.78	826.26	826.05	825.74	825.37	825.10	824.56	824.34	823.65	823.52
40+00		40+50		41+00		41+50		42+00		42+50		43+00		43+50		44+00																	

USER NAME = dsteno	DESIGNED - TAY	REVISED -
FILE NAME = 460-dpp@9.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

**DRAINAGE AND UTILITY PLAN**  
**BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 9 OF 9 SHEETS    STA. 40+00.00 TO STA. 45+00.00

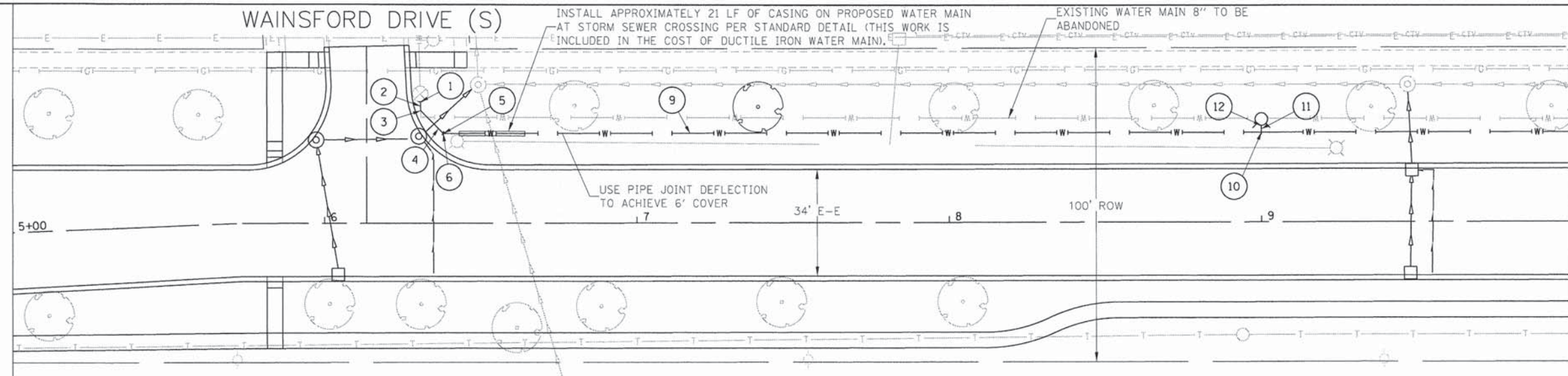
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	48
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	



DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY	
CHECKED	
NO. OF	
FILE	
NO.	

DATE	
BY	
SURVEYED	
PROFILES	
CHECKED	
B.M. NOTED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	

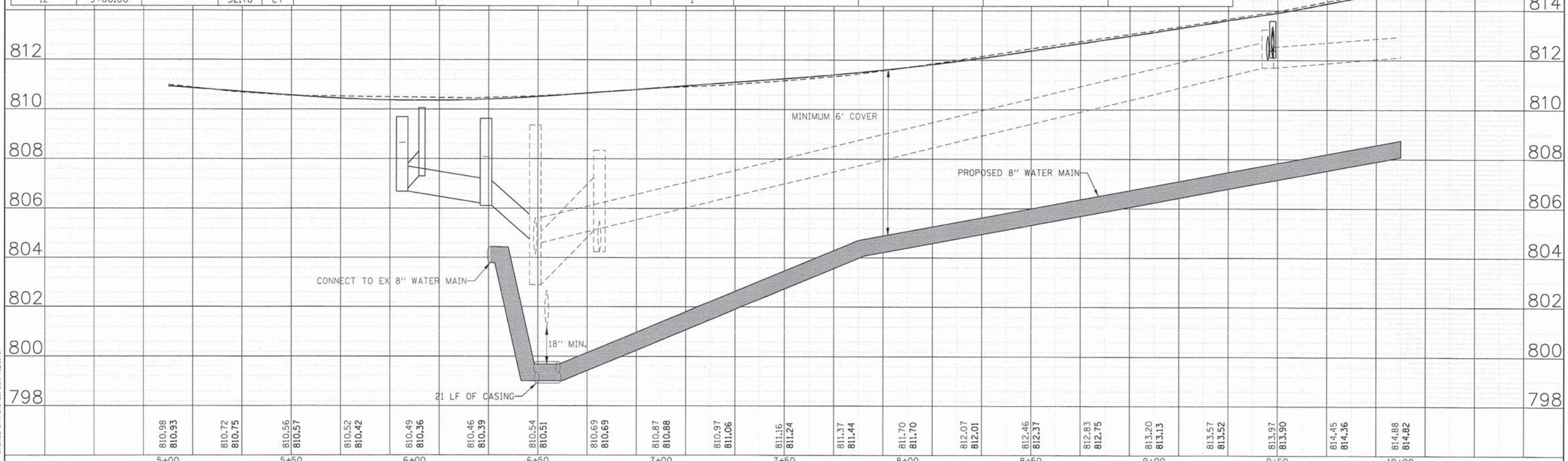
COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 # 184-001322  
 DATE PLOTTED: 9/4/2014 11:33:33 AM  
 FILE NAME: 460-wm01.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\standard\trans\screen-topo.tbl



MATCHLINE STA 10+00

LOCATION	DUCTILE WATER MAIN CLASS 52 WITH POLYETHYLENE ENCASEMENT		VALVE VAULTS TYPE 1 FRAME, CLOSED LID 4' DIAMETER 60248700 (EACH)	WATER VALVES 8" 56105000 (EACH)	FIRE HYDRANTS W/ AUXILLARY VALVE AND VALVE BOX 56400820 (EACH)	DUCTILE IRON PIPE TEE		8" DUCTILE IRON FITTINGS 45 BEND 56109420 (EACH)	CONNECTION TO EXISTING WATER MAINS 8" X5630708 (EACH)
	UPSTREAM STATION	DOWNSTREAM STATION				OFFSET (FOOT)	8"x8" 56100020 (EACH)		
BODE ROAD									
1	6+30.74		38.65	LT					1
2	6+30.74	6+30.81	38.65	LT	3				
3	6+30.81		35.84	LT					
4	6+30.81	6+38.03	35.84	LT	10			1	
5	6+38.03		28.58	LT				1	
6	6+38.03		28.58	LT				1	
9	6+38.03	9+00.00	28.58	LT	262				
10	9+00.00		28.58	LT			1		
11	9+00.00	9+00.00	28.58	LT	2				
12	9+00.00		32.78	LT					

**GENERAL NOTE:**  
 1. CONTRACTOR TO PROTECT EXISTING TREES. TREE ROOT PRUNING TO BE PERFORMED AS NECESSARY.  
 2. ITEMS 7 & 8 WERE OMITTED



810.98	810.93	810.72	810.75	810.56	810.57	810.52	810.42	810.49	810.36	810.46	810.39	810.54	810.51	810.69	810.69	810.87	810.88	810.97	811.06	811.16	811.24	811.37	811.44	811.70	811.70	812.07	812.01	812.46	812.37	812.83	812.75	813.20	813.13	813.57	813.52	813.97	813.90	814.45	814.36	814.88	814.82		
5+00		5+50		6+00		6+50		7+00		7+50		8+00		8+50		9+00		9+50		10+00																							

HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-wm01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

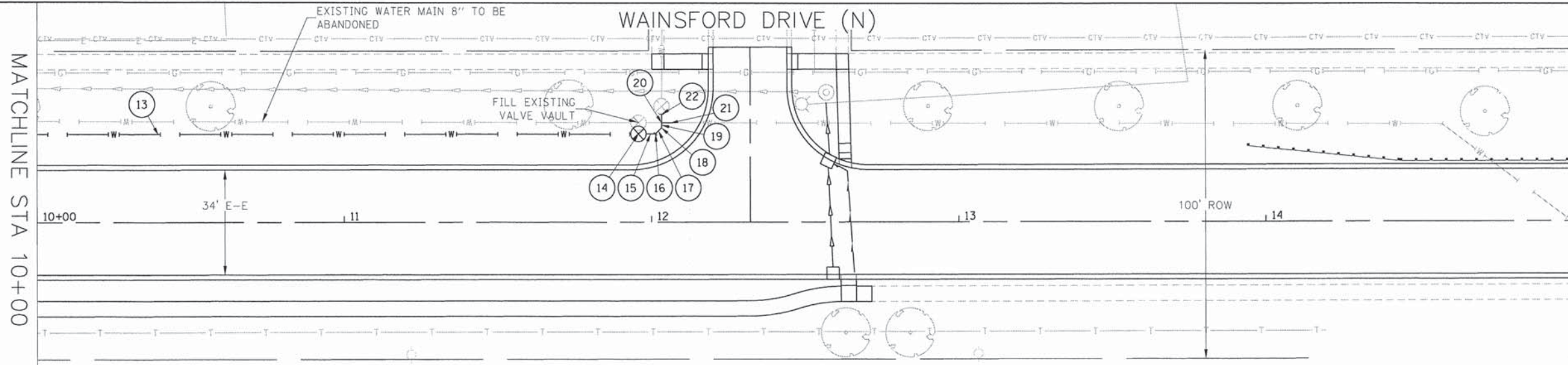
WATER MAIN PLAN  
 BODE ROAD  
 SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. 5+00.00 TO STA. 10+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	49
CONTRACT NO. 61A72				

DATE	
BY	
PROJECT NAME	
PROJECT CONTACT	
DATE PLOTTED	
FILE NAME	
PLOT DRIVER	
PER TABLE	

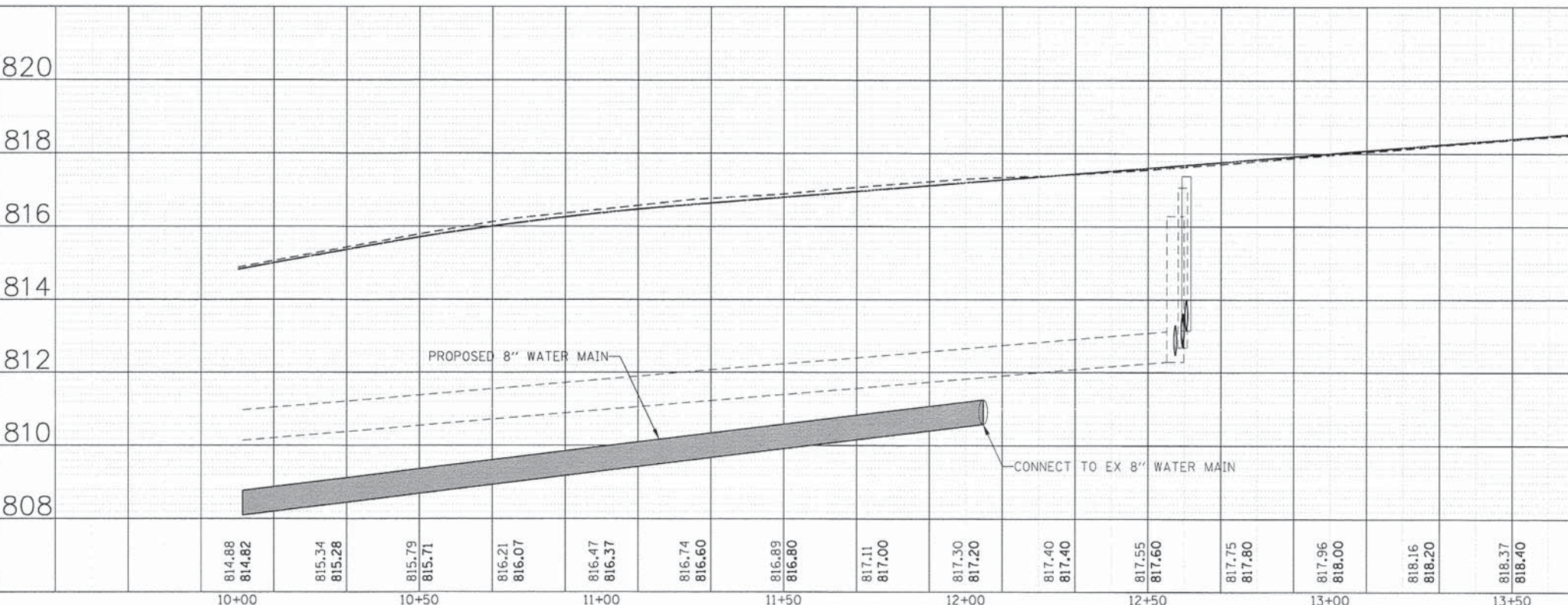
DATE	
BY	
PROJECT NAME	
PROJECT CONTACT	
DATE PLOTTED	
FILE NAME	
PLOT DRIVER	
PER TABLE	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322  
 CLIENT: 9/4/2014 11:33:38 AM  
 DATE PLOTTED: 460-wm02.dgn  
 FILE NAME: pdf.plt  
 PLOT DRIVER: s:\standard-trans-screen-topo.tbl  
 PER TABLE:



STATION	LOCATION		OFFSET (FOOT)	DIRECTION	DUCTILE WATER MAIN CLASS 52 WITH POLYETHYLENE ENCASEMENT 8" X5611108 (FEET)	VALVE VAULTS TYPE 1 FRAME, CLOSED LID 4' DIAMETER 60248700 (EACH)	WATER VALVES 8" 56105000 (EACH)	FIRE HYDRANTS W/ AUXILIARY VALVE AND VALVE BOX 56400820 (EACH)	DUCTILE IRON PIPE TEE		8" DUCTILE IRON FITTINGS 45 BEND 56109420 (EACH)	CONNECTION TO EXISTING WATER MAINS 8" X5630708 (EACH)
	UPSTREAM STATION	DOWNSTREAM STATION							8"x8" 56100020 (EACH)	8"x6" 56100015 (EACH)		
13	9+00.00	11+93.28	28.58	LT	294		1					
14	11+95.78		28.64	LT								
15	11+98.28	12+01.31	28.64	LT	3							
16	12+01.31		28.63	LT						1		
17	12+01.31	12+03.30	28.63	LT	3							
18	12+03.30		30.61	LT							1	
19	12+03.30	12+03.30	30.61	LT	2							
20	12+03.30		32.24	LT					1			
21	12+07.00		32.24	LT								1
22	12+03.32		35.06	LT								1
TOTAL BODE ROAD					578.3	1	1	1	1	1	5	3

**GENERAL NOTE:**  
 1. CONTRACTOR TO PROTECT EXISTING TREES. TREE ROOT PRUNING TO BE PERFORMED AS NECESSARY.



**SEQUENCE OF CONSTRUCTION - WATER MAIN**

Procedures for installation and testing must be reviewed and approved by the Village of Hoffman Estates prior to construction.

**BODE ROAD**

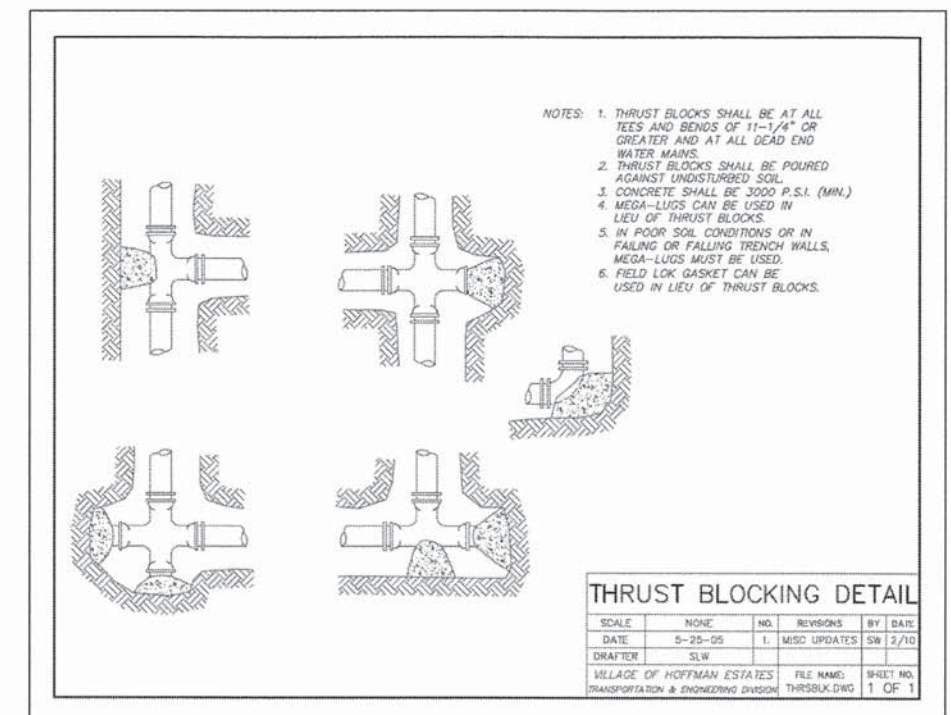
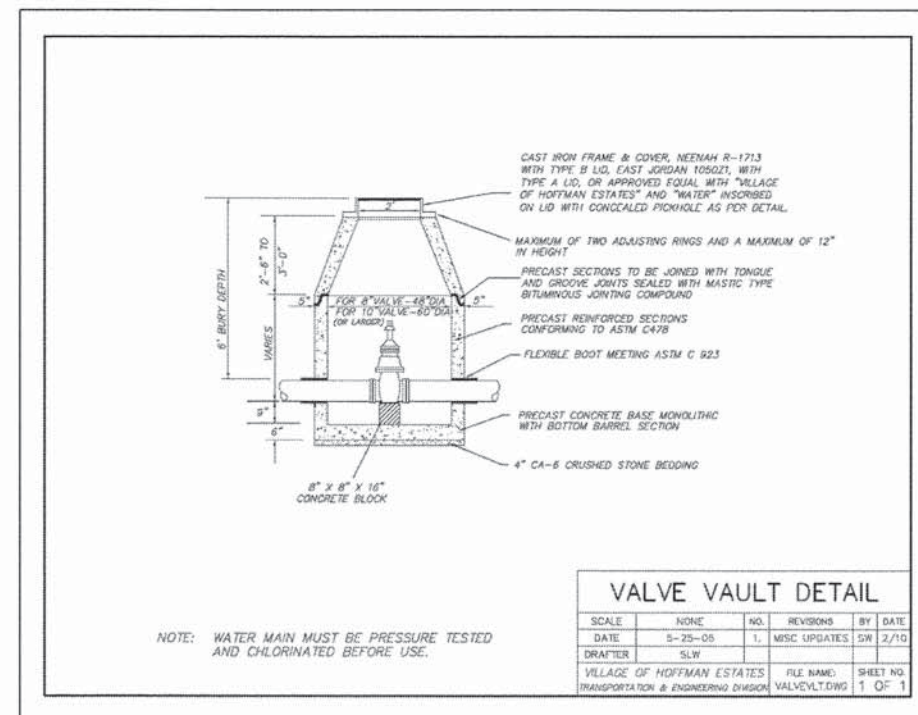
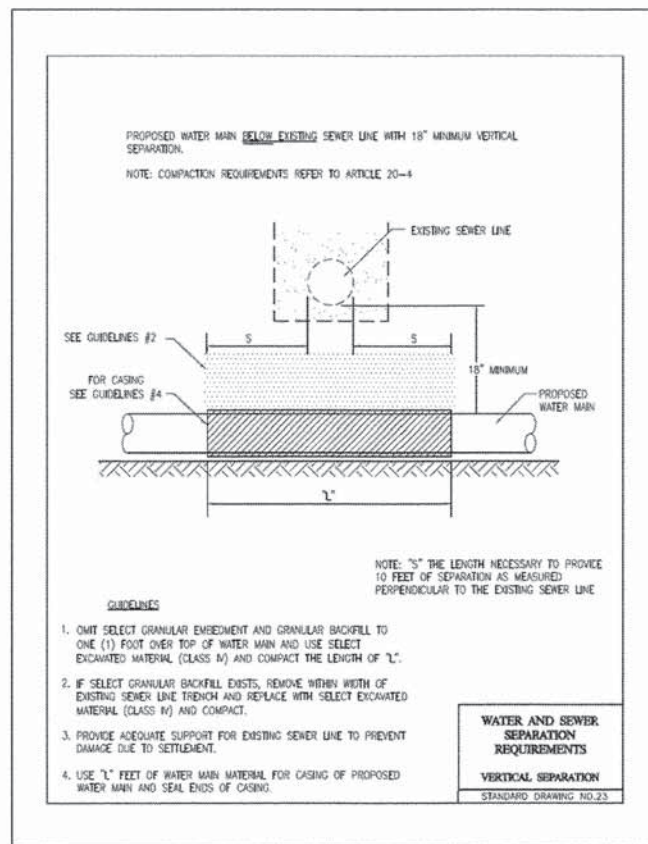
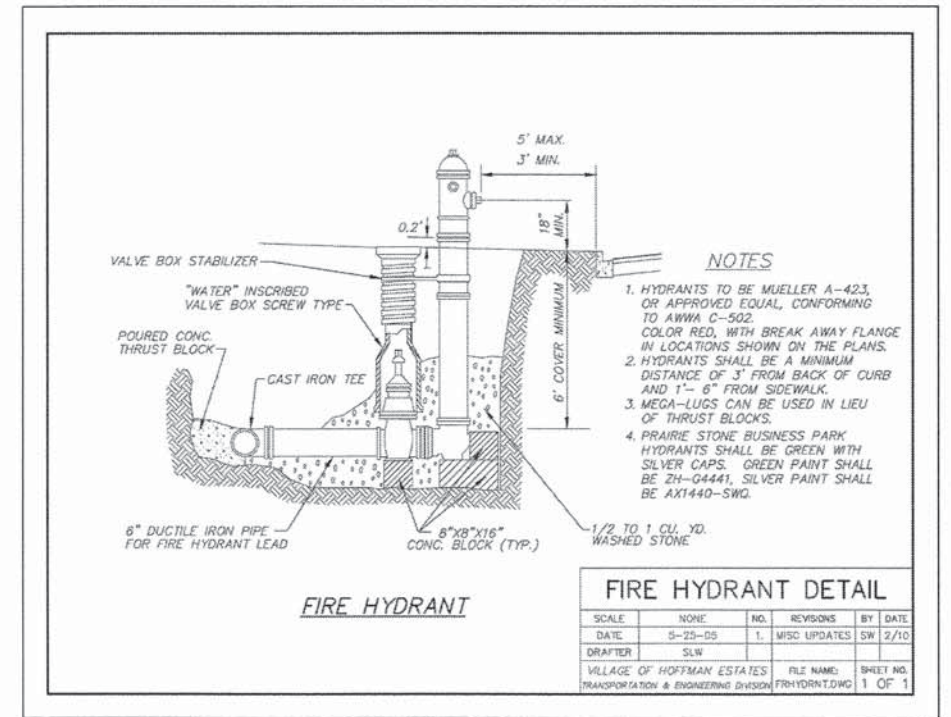
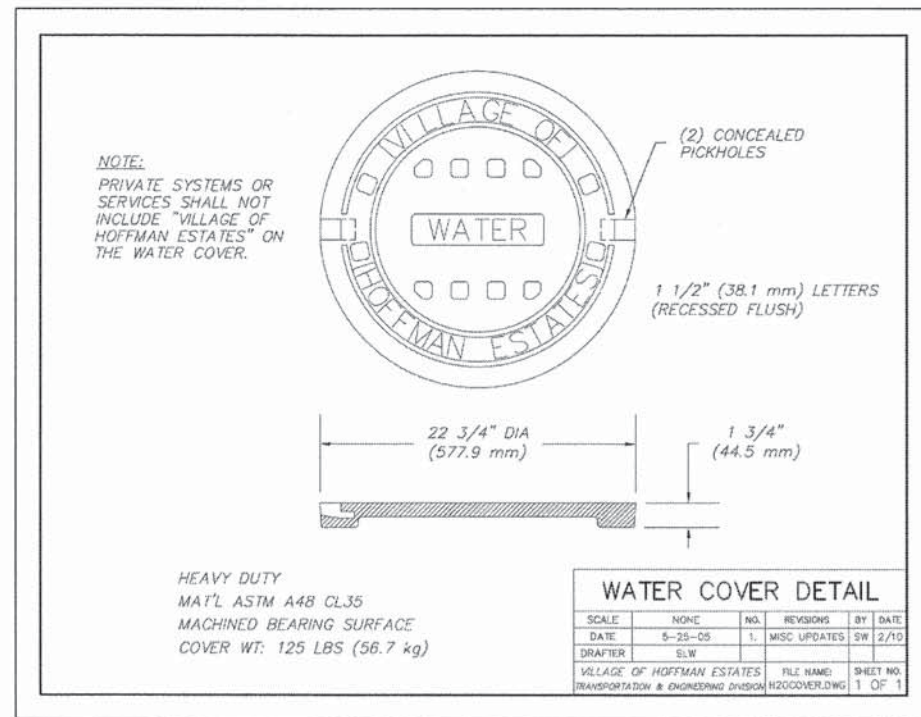
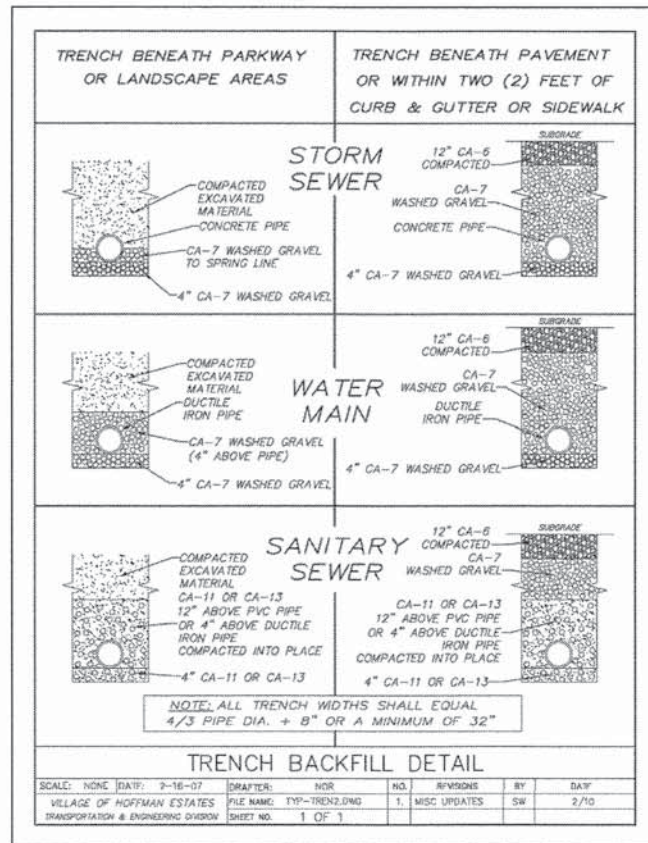
The maximum time of shut down for connections shall be six (6) hours. Liquidated Damages in the amount of \$500 per hour will be assessed for EACH HOUR beyond the initial six (6) hours.

No additional compensation shall be allowed to the contractor for the above requirements, but will be included in the various contract items.

Prior to shutting down any segment of water main, contractor shall provide the Village of Hoffman Estates a minimum of two working day notice.

Swab all pipes and fittings that will not be pressure tested or chlorinated with chlorine solution of at least 50 mg/L. During installation, use extra precaution to prevent soil and debris from entering the pipe. When connecting new pipe to the existing system, use system operating pressure to inspect for leaks prior to backfilling when feasible.

USER NAME = dlancoz FILE NAME = 460-wm02.dgn PLOT SCALE = 1" = 20' PLOT DATE = 9/4/2014	DESIGNED - TAY DRAWN - DMS CHECKED - JRM DATE - 8/18/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WATER MAIN PLAN</b> <b>BODE ROAD</b>	SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 10+00.00 TO STA. 15+00.00	F.A.U. RTE. 1318 SECTION 09-00099-00-PV COUNTY COOK TOTAL SHEETS 110 SHEET NO. 50 CONTRACT NO. 61A72 FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT
--	--	--	---	--	--	--



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 10:25:43 AM  
 FILE NAME: 460-det-wtr-01.dgn  
 PLOT DATE: 9/4/2014  
 PLOT SCALE: N.T.S.  
 PLOT DATE: 9/4/2014



USER NAME = dstencz  
 FILE NAME = 460-det-wtr-01.dgn  
 PLOT SCALE = N.T.S.  
 PLOT DATE = 9/4/2014

DESIGNED - TAY  
 DRAWN - DMS  
 CHECKED - JRM  
 DATE - 8/18/14

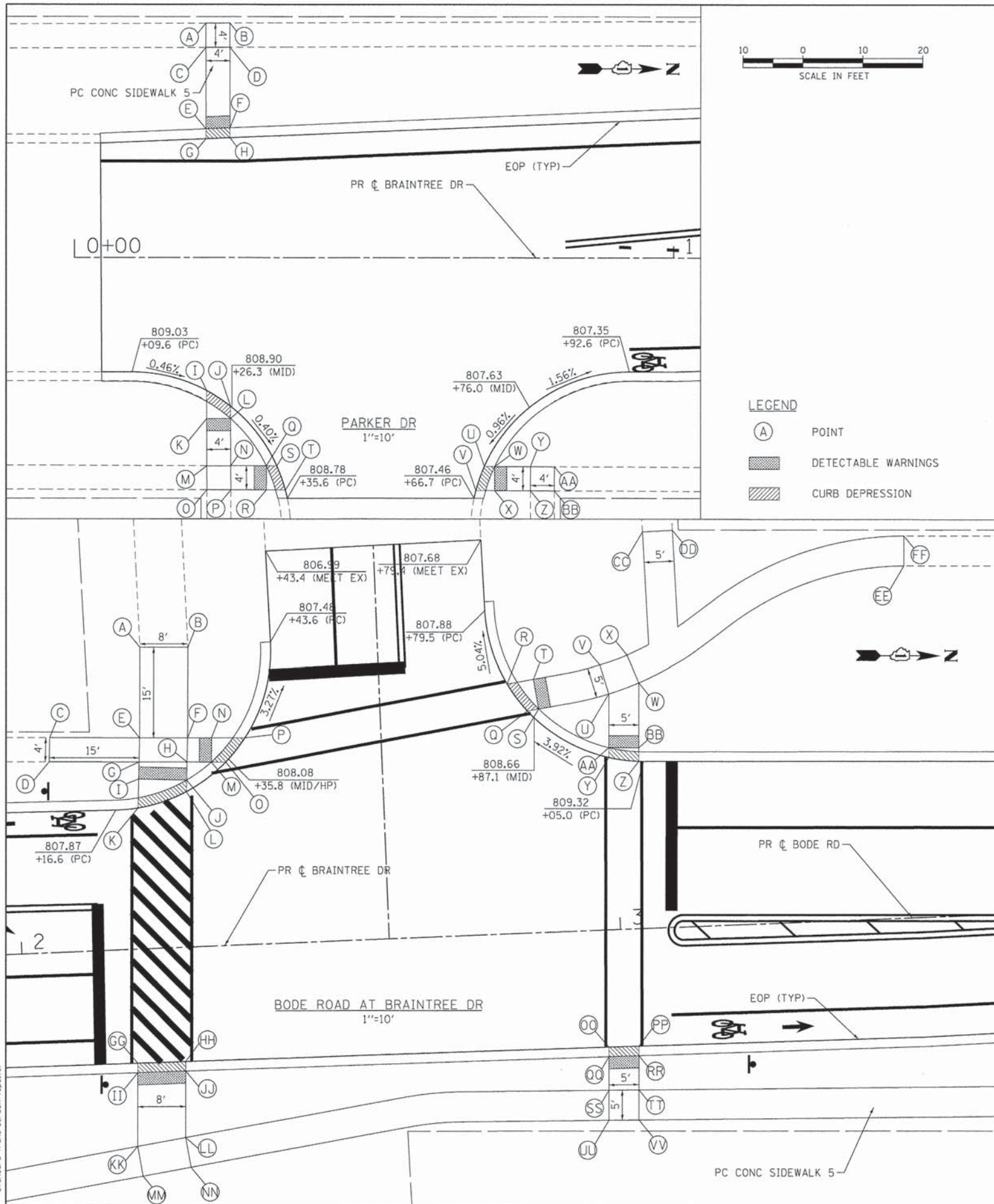
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN DETAILS  
 BODE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	



POINT DESCRIPTION PARKER DR

POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	0+21.90	38.91	809.02	MEET EX	O	0+22.11	38.58	809.22	MEET EX
B	0+25.90	38.93	808.94	MEET EX	P	0+26.11	38.6	809.23	
C	0+21.91	34.91	808.96	MEET EX	Q	0+32.04	34.61	808.84	
D	0+25.91	34.93	808.91	MEET EX	R	0+32.03	38.61	808.77	
E	0+21.95	21.42	808.64		S	0+33.79	34.62	808.85	
F	0+25.95	21.59	808.58		T	0+35.22	38.62	808.81	
G	0+21.95	19.75	808.65		U	0+35.22	38.62	807.51	
H	0+25.95	19.92	808.59		V	0+67.01	38.72	807.47	
I	0+22.08	22.1	808.97		W	0+70.16	34.73	807.50	
J	0+26.07	24.72	808.90		X	0+70.15	38.73	807.48	
K	0+22.08	26.8	808.91		Y	0+76.12	34.74	807.59	
L	0+26.08	26.78	808.89		Z	0+76.11	38.74	807.66	MEET EX
M	0+22.10	34.61	809.23	MEET EX	AA	0+80.12	34.76	807.64	MEET EX
N	0+26.10	34.6	809.17		BB	0+80.11	38.76	807.65	MEET EX

POINT DESCRIPTION BODE AT BRAINTREE

POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	2+21.76	50.10	807.34	MEET EX	Y	2+99.22	28.62	809.22	
B	2+29.77	49.76	807.42	MEET EX	Z	3+04.19	27.79	809.29	
C	2+06.12	35.75	807.37	MEET EX	AA	2+99.28	30.24	809.21	
D	2+05.87	31.76	807.42	MEET EX	BB	3+04.28	30.04	809.28	
E	2+21.11	35.11	807.99		CC	3+06.37	65.90	808.47	MEET EX
F	2+29.10	34.77	808.02		DD	3+11.37	65.97	808.47	MEET EX
G	2+20.86	31.12	808.05		EE	3+49.70	58.49	809.05	MEET EX
H	2+28.85	30.78	808.08		FF	3+49.90	63.48	808.79	MEET EX
I	2+20.68	28.27	807.95		GG	2+18.60	18.91	807.99	
J	2+28.66	27.77	807.98		HH	2+26.60	18.97	808.10	
K	2+20.37	23.44	807.91		II	2+18.53	20.49	807.98	
L	2+28.54	25.84	807.99		JJ	2+26.54	20.55	808.09	
M	2+32.92	30.60	808.08		KK	2+18.03	32.74	808.23	
N	2+33.09	34.60	808.02		LL	2+26.08	31.61	808.35	
O	2+35.31	30.50	808.08		MM	2+18.72	37.69	808.31	
P	2+38.67	34.36	808.03		NN	2+26.77	36.57	808.43	
Q	2+85.96	36.92	808.60		OO	2+97.29	19.54	809.34	
R	2+82.77	41.54	808.53		PP	3+02.30	19.58	809.43	
S	2+87.18	42.14	808.59		QQ	2+97.23	21.12	809.33	
T	2+87.18	42.14	808.56		RR	3+02.23	21.16	809.42	
U	2+29.64	39.20	809.31		SS	2+97.01	26.69	809.79	
V	2+98.35	44.03	809.24		TT	3+02.00	26.85	809.89	
W	3+04.71	40.83	809.39		UU	2+96.81	31.69	809.86	
X	3+02.94	45.51	809.37		VV	3+01.81	31.84	809.96	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 CLIENT: # 194-001322  
 DATE PLOTTED: 9/4/2014 11:34:13 AM  
 FILE NAME: 460-19401.dgn  
 PLOT DRIVER: pldrvr  
 PEN TABLE: s:\fontdrvrs\trans\scrdrv\fonttbl.tbl



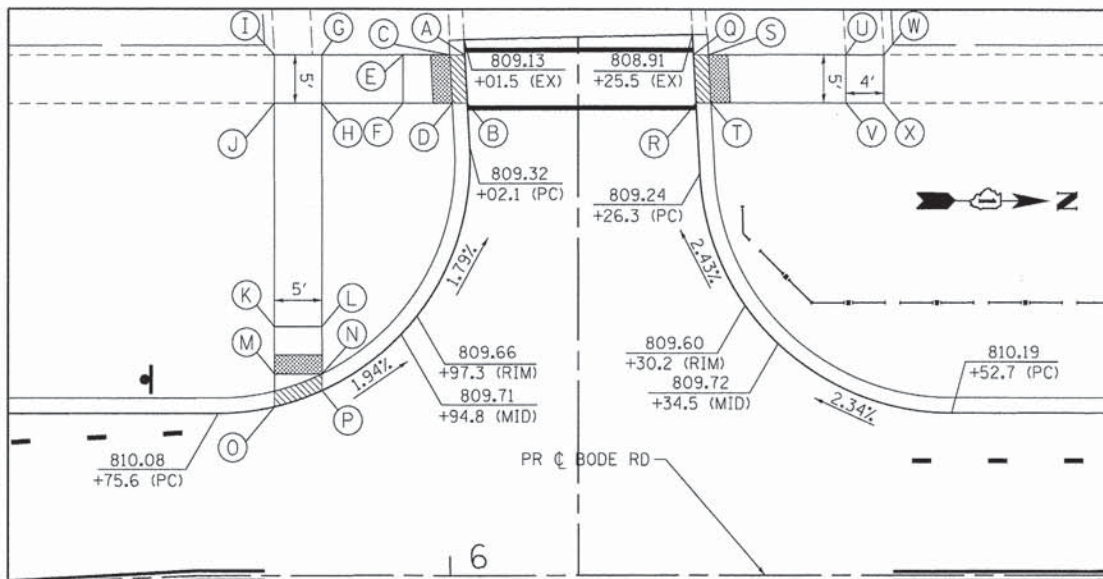
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-19401.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = 1" = 10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

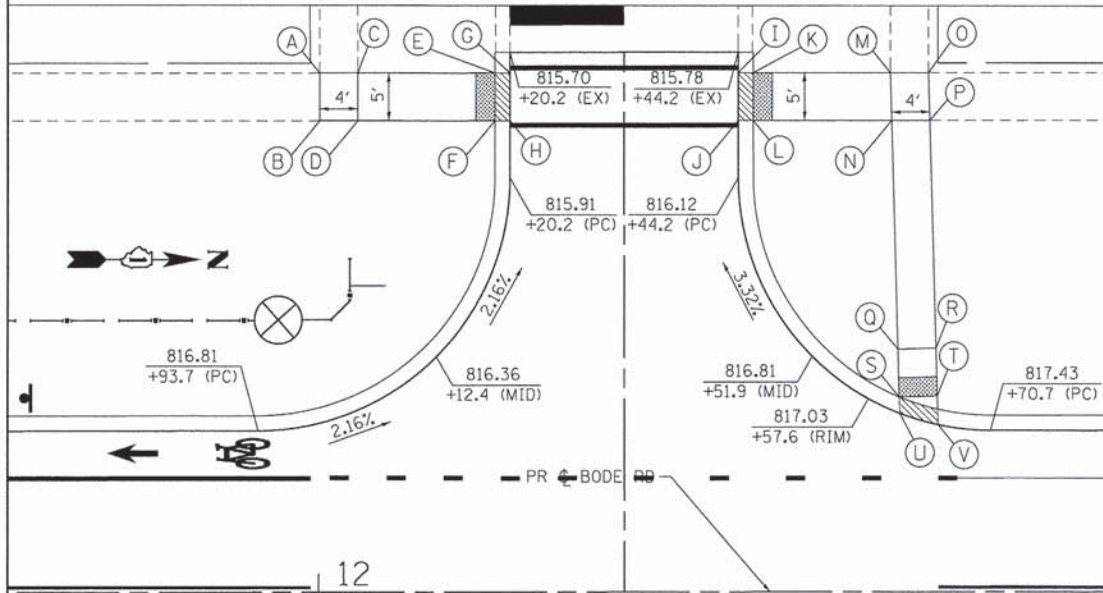
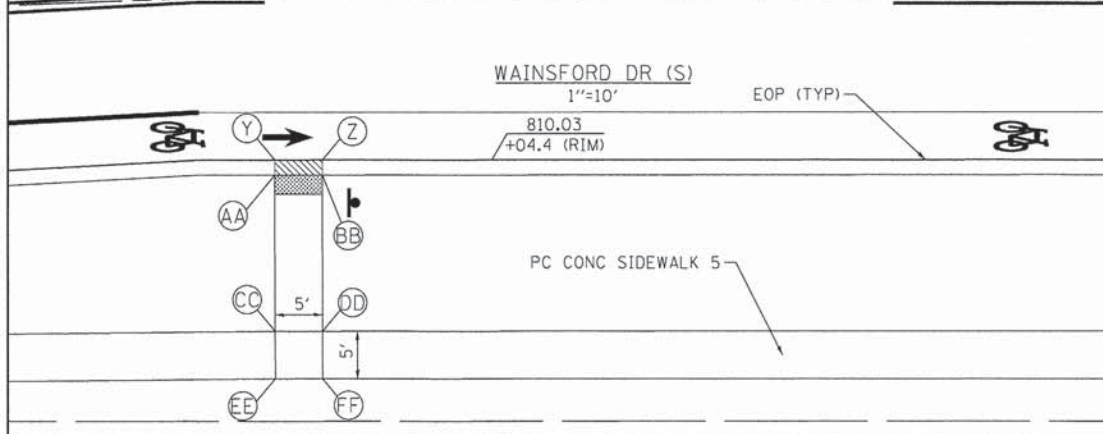
**INTERSECTION GRADING PLAN & SIDEWALK RAMP DETAILS**  
**BODE ROAD**

SCALE: 1" = 10'    SHEET NO. 1 OF 5 SHEETS    STA.    TO STA.

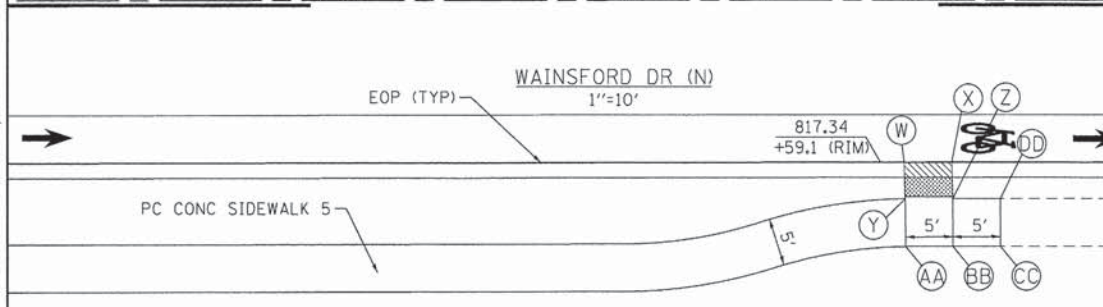
F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 52
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 61A72				



POINT DESCRIPTION WAINSFORD DR (S)									
POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	6+01.56	54.50	809.14		Q	5+86.53	19.36	808.99	
B	6+01.83	49.50	809.21		R	6+25.86	49.50	809.06	
C	5+99.98	54.50	809.12		S	6+27.18	54.50	808.98	
D	6+00.24	49.50	809.20		T	6+27.45	49.50	809.05	
E	5+95.06	54.50	809.17		U	6+41.62	54.50	809.93	
F	5+95.06	49.50	809.25		V	6+41.62	49.50	809.86	
G	5+86.53	54.50	809.07		W	6+45.62	54.50	809.99	
H	5+86.53	49.50	809.09		X	6+45.62	49.50	809.92	MEET EX
I	5+81.53	54.50	809.00	MEET EX	Y	5+81.53	17.00	810.06	
J	5+81.53	49.50	809.16	MEET EX	Z	5+86.53	17.00	810.04	
K	5+81.53	26.10	809.99		AA	5+81.53	18.58	810.05	
L	5+86.53	26.10	809.95		BB	5+86.53	18.58	810.03	
M	5+81.53	21.10	809.94		CC	5+81.53	35.00	811.25	
N	5+86.53	21.10	809.90		DD	5+86.53	35.00	811.23	
O	5+81.53	17.67	809.98		EE	5+81.56	40.00	811.32	
P	5+86.53	19.36	809.91		FF	5+86.53	40.00	811.24	



POINT DESCRIPTION WAINSFORD DR (N)									
POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	12+00.16	54.50	816.24	MEET EX	P	12+64.30	49.50	816.44	MEET EX
B	12+00.16	49.50	816.37	MEET EX	Q	12+60.94	25.50	817.22	
C	12+04.16	54.50	816.21	MEET EX	R	12+64.93	25.61	817.28	
D	12+04.16	49.50	816.26		S	12+61.07	20.51	817.17	
E	12+18.58	54.50	815.70		T	12+65.07	20.61	817.23	
F	12+18.58	49.50	815.77		U	12+61.11	18.78	817.18	
G	12+20.16	54.50	815.71		V	12+65.15	17.58	817.24	
H	12+20.16	49.50	815.78		W	12+61.57	17.00	817.35	
I	12+44.16	54.50	815.84		X	12+66.57	17.00	817.39	
J	12+44.16	49.50	815.92		Y	12+61.57	20.80	817.37	
K	12+45.75	54.50	815.83		Z	12+66.67	20.80	817.42	
L	12+45.75	49.50	815.91		AA	12+61.73	25.80	817.45	
M	12+60.16	54.50	816.31		BB	12+61.73	25.80	817.50	
N	12+60.30	49.50	816.39		CC	12+71.67	25.79	817.47	
O	12+64.16	54.50	816.36		DD	12+71.67	20.79	817.54	MEET EX



- LEGEND**
- (A) POINT
  - ▨ DETECTABLE WARNINGS
  - ▨ CURB DEPRESSION

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:56:16 AM  
 FILE NAME: 460-1go02.dgn  
 PLOT SCALE: 1" = 10'  
 PLOT DATE: 9/4/2014



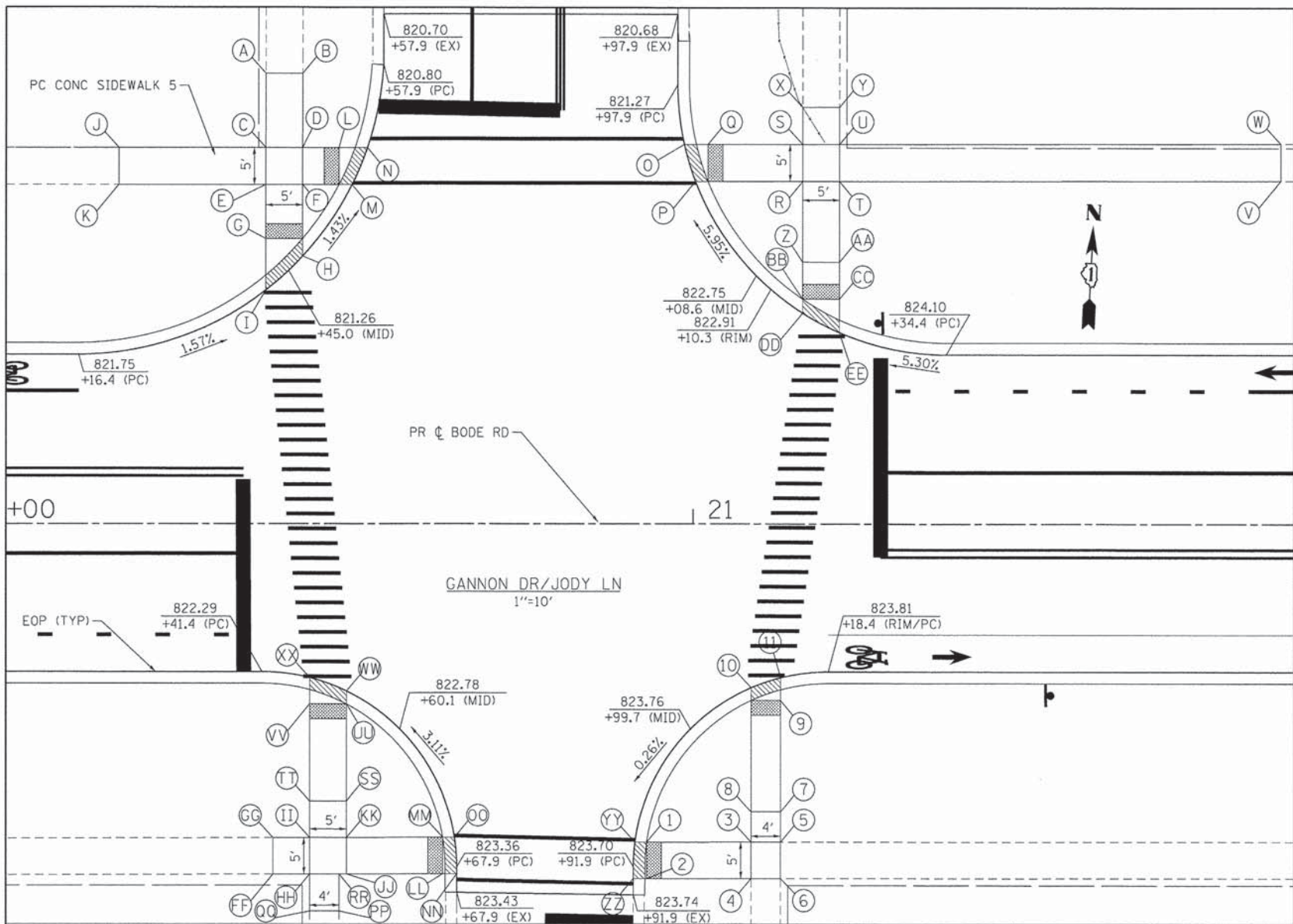
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-1go02.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = 1" = 10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

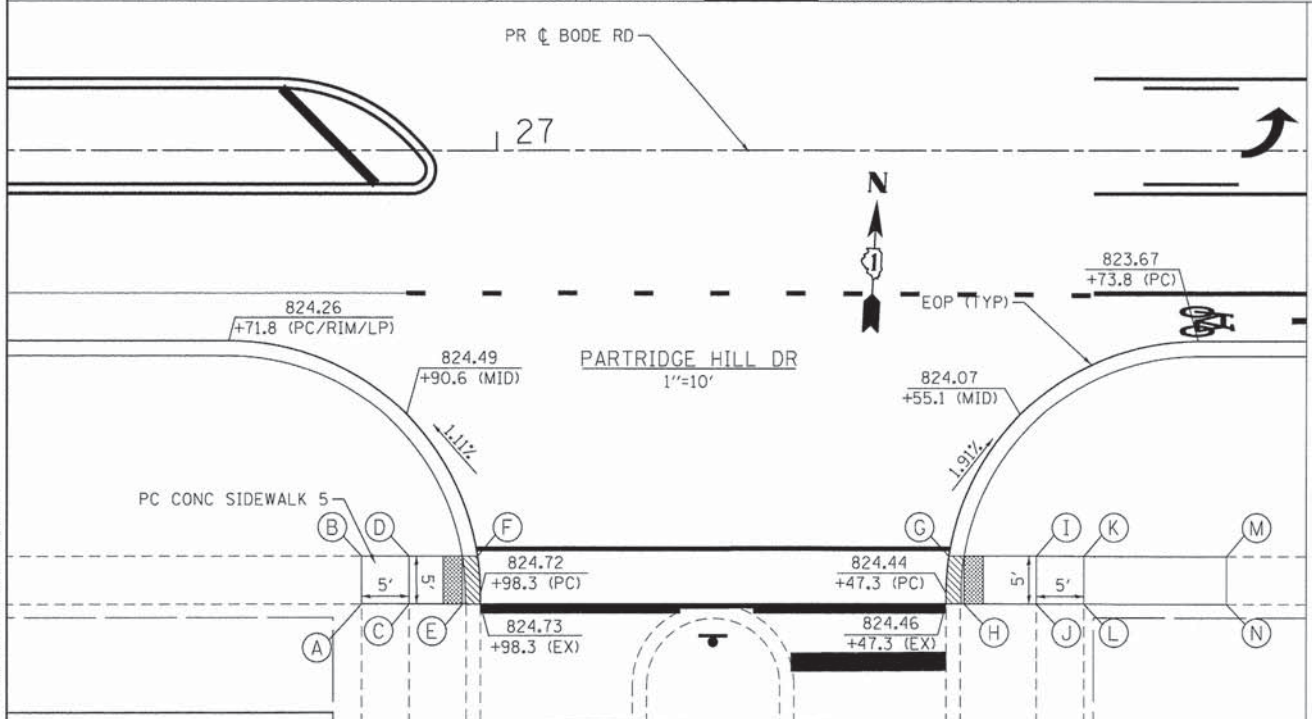
INTERSECTION GRADING PLAN & SIDEWALK RAMP DETAILS  
 BODE ROAD

SCALE: 1" = 10' SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 53
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 61A72				



POINT DESCRIPTION GANNON DR/JODY LN									
POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	20+41.87	62.10	821.67	MEET EX	GG	20+42.89	41.41	823.69	MEET EX
B	20+46.87	62.10	821.65	MEET EX	HH	20+47.89	46.40	823.66	
C	20+41.87	52.10	821.46		II	20+47.89	41.40	823.59	
D	20+46.87	52.10	821.38		JJ	20+52.90	46.39	823.58	
E	20+41.87	47.10	821.52		KK	20+52.89	41.39	823.65	
F	20+46.87	47.10	821.45		LL	20+65.99	46.36	823.36	
G	20+41.86	39.76	821.29		MM	20+65.98	41.36	823.29	
H	20+46.86	37.38	821.22		NN	20+67.89	46.35	823.37	
I	20+41.86	32.80	821.32		OO	20+67.58	41.35	823.30	
J	20+21.87	52.10	822.11	MEET EX	PP	20+51.89	51.39	823.70	MEET EX
K	20+21.87	47.10	822.27	MEET EX	QQ	20+47.89	51.40	823.67	MEET EX
L	20+51.81	52.10	820.97		RR	20+51.89	46.39	823.60	
M	20+53.58	47.10	821.05		SS	20+52.88	36.39	823.58	
N	20+55.68	52.10	820.97		TT	20+47.88	36.40	823.51	
O	20+98.77	52.55	821.77		UU	20+52.89	23.30	822.49	
P	21+00.28	47.55	821.84		VV	20+47.89	23.30	822.42	
Q	21+01.98	52.55	821.76		WW	20+52.89	21.53	822.50	
R	21+14.87	47.57	822.90		XX	20+47.89	19.71	822.42	
S	21+14.87	52.57	822.83		YY	20+92.12	41.98	823.71	
T	21+19.87	47.58	822.94		ZZ	20+91.89	46.98	823.69	
U	21+19.87	52.58	822.87		1	20+93.71	41.97	823.70	
V	21+79.87	47.66	825.94	MEET EX	2	20+93.72	46.97	823.68	
W	21+79.87	52.66	825.97		3	21+04.90	41.96	824.66	
X	21+14.87	57.57	822.72	MEET EX	4	21+07.89	46.96	824.51	MEET EX
Y	21+19.87	57.58	822.80		5	21+11.90	41.96	824.72	MEET EX
Z	21+14.86	36.64	823.26		6	21+11.89	46.96	824.66	MEET EX
AA	21+19.86	36.64	823.34		7	21+11.90	37.80	824.66	
BB	21+14.86	31.64	823.21		8	21+07.90	37.80	824.64	
CC	21+19.86	31.64	823.29		9	21+11.91	22.80	823.78	
DD	21+14.86	29.75	823.22		10	21+07.91	21.07	823.78	
EE	21+19.86	27.11	823.31		11	21+11.91	19.71	823.79	
FF	20+42.89	46.41	823.68	MEET EX					



POINT DESCRIPTION PARTRIDGE HILL DR									
POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	26+85.83	47.60	825.17	MEET EX	H	27+49.23	47.59	824.45	
B	26+85.83	42.60	825.14	MEET EX	I	27+56.83	42.59	824.76	
C	26+90.83	47.60	825.14	MEET EX	J	27+56.83	47.59	824.81	MEET EX
D	26+90.83	42.60	825.09		K	27+61.83	42.60	824.84	
E	26+96.45	47.59	824.72		L	27+61.83	47.60	824.90	MEET EX
F	26+98.04	42.59	824.68		M	27+76.83	42.60	824.82	MEET EX
G	27+47.63	42.59	824.39		N	27+76.83	47.60	824.92	MEET EX

**LEGEND**

- (A) POINT
- [Hatched Box] DETECTABLE WARNINGS
- [Diagonal Lines] CURB DEPRESSION

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322  
 CLIENT: 9/4/2014 11:26:20 AM  
 DATE PLOTTED: 460-19603.dgn  
 PLOT NUMBER: 460-19603.dgn  
 PEN TABLE: Standard-Trans-screen-fopn.tbl

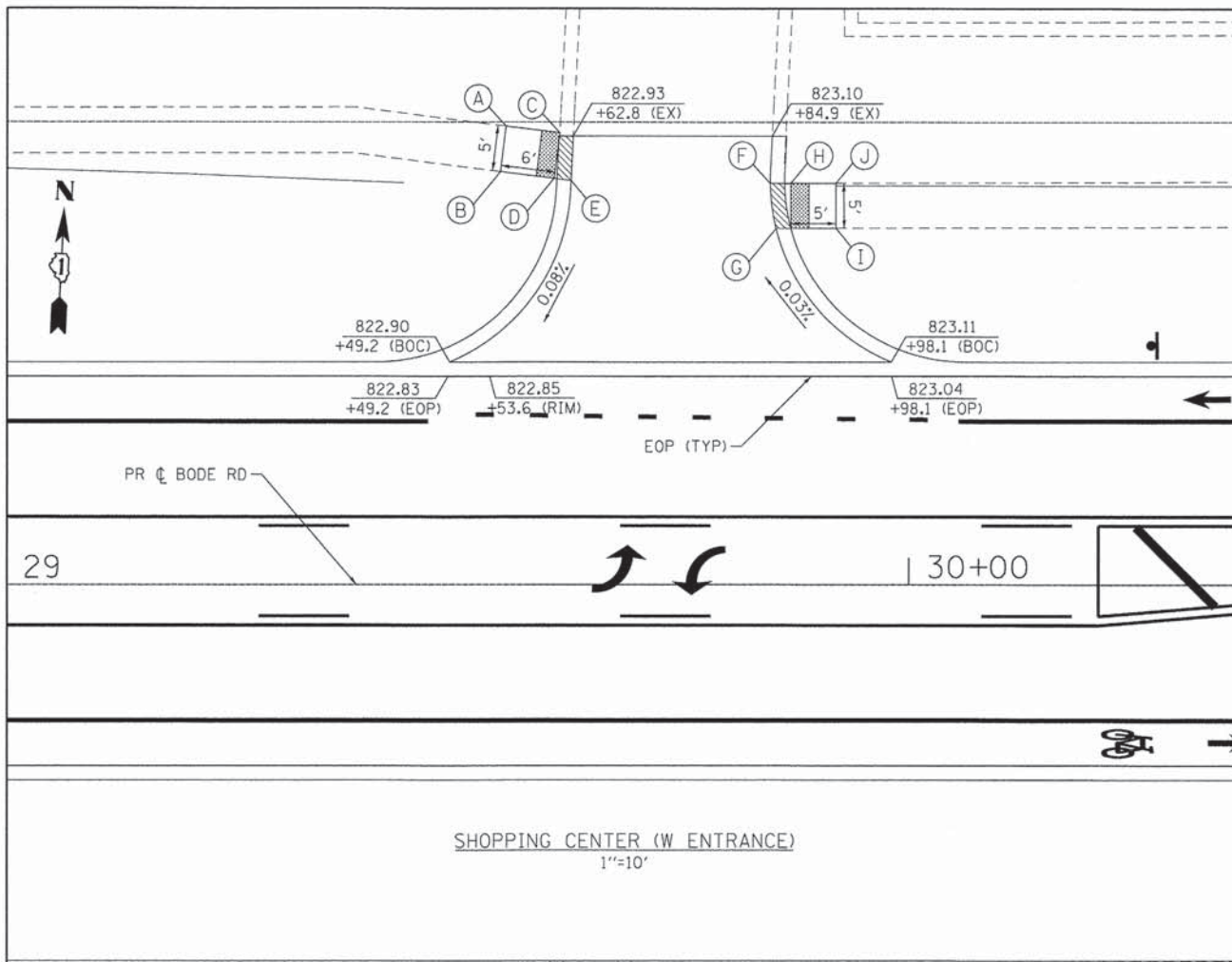
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-19603.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = 1" = 10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

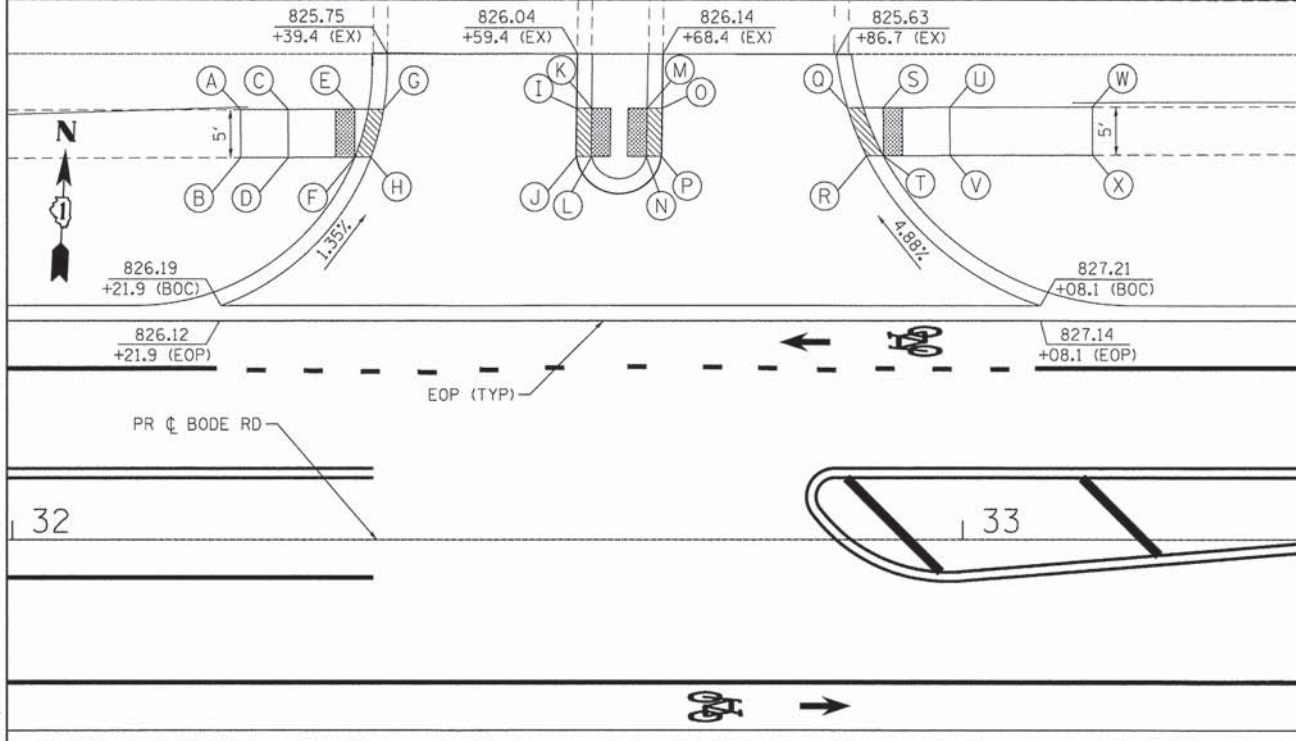
INTERSECTION GRADING PLAN & SIDEWALK RAMP DETAILS  
 BODE ROAD

SCALE: 1" = 10' SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 54
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



POINT DESCRIPTION SHOPPING CENTER (W ENT.)				
POINT	STATION	OFFSET	ELEVATION	REMARK
A	29+55.40	50.56	823.25	MEET EX
B	29+54.79	45.60	823.04	MEET EX
C	29+61.36	49.82	822.92	
D	29+60.74	44.86	822.91	
E	29+62.60	44.63	822.92	
F	29+84.65	44.31	823.10	
G	29+85.28	39.31	823.10	
H	29+86.90	44.32	823.09	
I	29+91.92	39.33	823.31	MEET EX
J	29+91.90	44.33	823.27	MEET EX



POINT DESCRIPTION SHOPPING CENTER (E ENTRANCE)									
POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	32+24.01	45.13	826.23		M	32+66.78	45.28	826.12	
B	32+24.02	40.13	826.15	MEET EX	N	32+66.67	40.27	826.11	
C	32+29.01	45.15	826.21		O	32+68.37	45.28	826.13	
D	32+29.02	40.15	826.15		P	32+68.27	40.28	826.12	
E	32+36.01	45.17	825.83		Q	32+87.86	45.35	825.90	
F	32+36.02	40.17	825.87		R	32+89.85	40.35	825.99	
G	32+39.06	45.18	825.82		S	32+91.62	45.36	825.90	
H	32+37.72	40.18	825.88		T	32+91.63	40.36	825.98	
I	32+59.37	45.25	826.07		U	32+98.62	45.38	825.97	
J	32+59.34	40.25	826.09		V	32+98.63	40.38	826.05	
K	32+60.95	45.26	826.06		W	33+13.62	45.45	826.00	MEET EX
L	32+60.95	40.26	826.08		X	33+13.63	40.44	826.10	MEET EX

LEGEND

- (A) POINT
- [Hatched Box] DETECTABLE WARNINGS
- [Hatched Box] CURB DEPRESSION

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:56:24 AM  
 FILE NAME: 460-19504.dgn  
 PLOT SCALE: 1" = 10'  
 PEN TABLE: Standard-Trans-screen-fg000.tbl



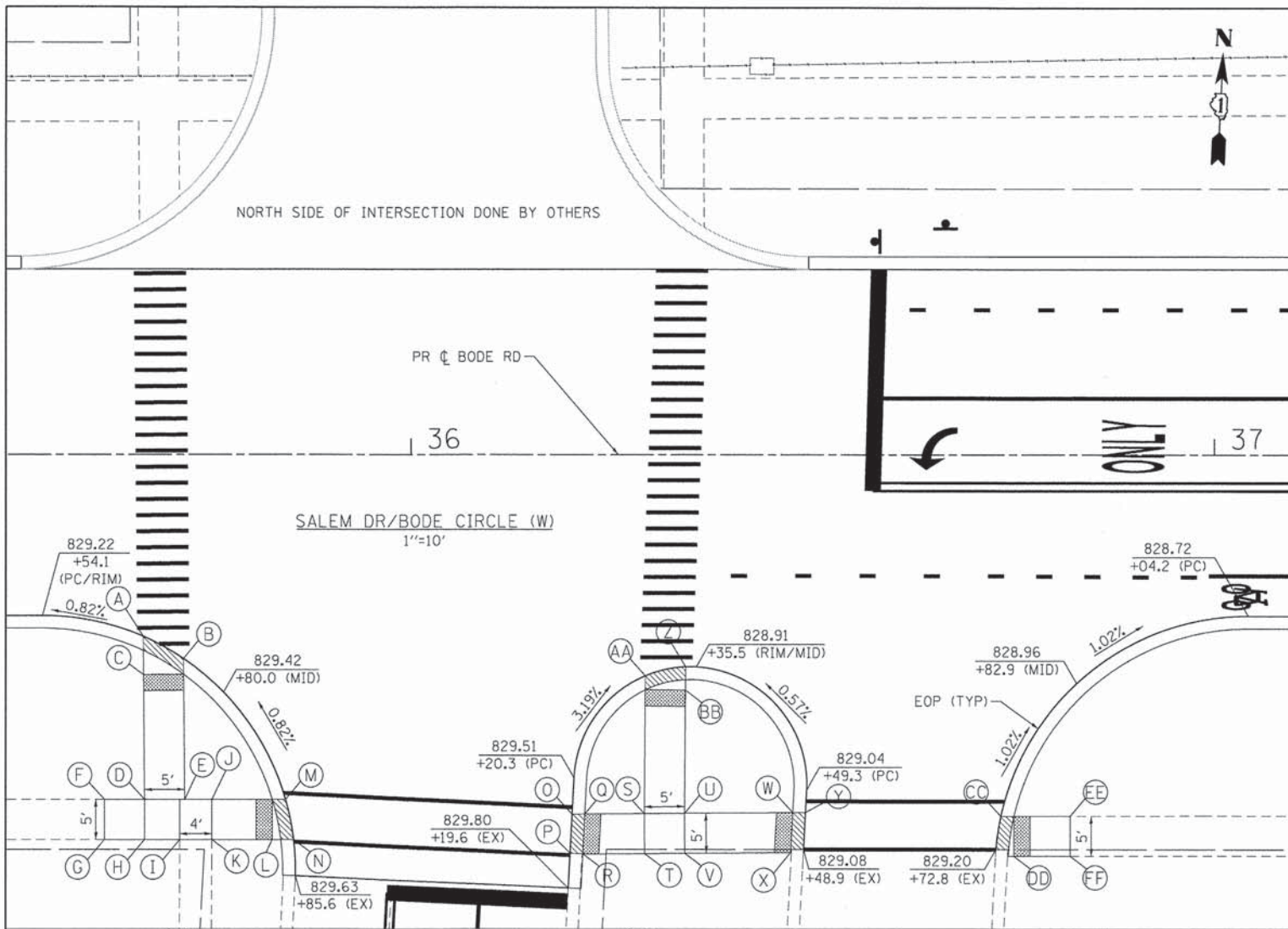
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-19504.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = 1" = 10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

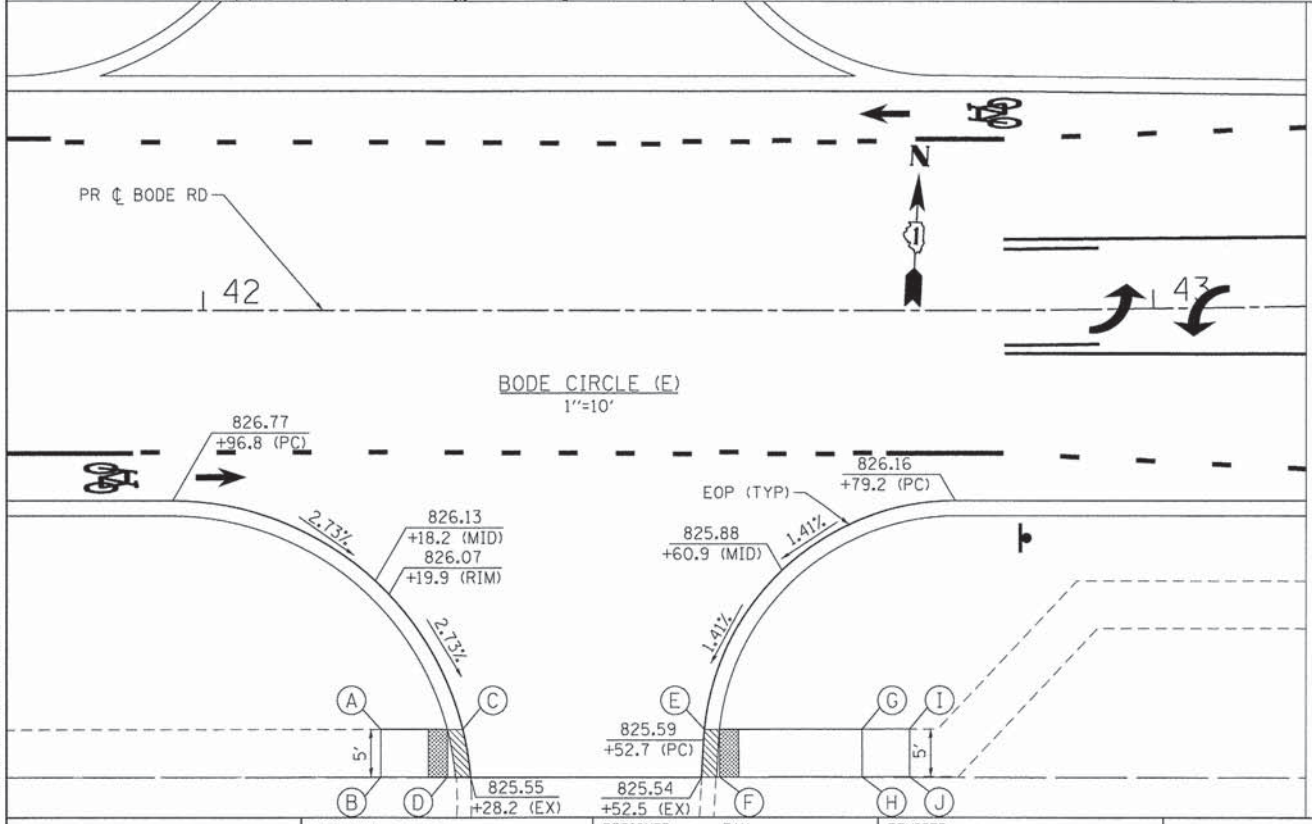
INTERSECTION GRADING PLAN & SIDEWALK RAMP DETAILS  
 BODE ROAD

SCALE: 1" = 10' SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	



POINT DESCRIPTION SALEM DR/BODE CIRCLE (W)									
POINT	STATION	OFFSET	ELEVATION	REMARK	POINT	STATION	OFFSET	ELEVATION	REMARK
A	35+66.65	22.60	829.32		Q	36+21.65	44.59	829.62	
B	35+71.68	25.34	829.37		R	36+21.40	49.57	829.69	
C	35+66.70	27.33	829.35		S	36+29.06	44.54	829.69	
D	35+66.84	42.77	829.78		T	36+29.10	49.54	829.76	
E	35+71.84	42.77	829.84		U	36+34.06	44.50	829.62	
F	35+61.84	42.77	829.69	MEET EX	V	36+34.10	49.50	829.69	
G	35+61.84	47.77	829.79		W	36+47.53	44.41	829.04	
H	35+66.84	47.77	829.86		X	36+47.27	49.41	829.07	
I	35+71.22	47.77	829.90	MEET EX	Y	36+49.12	44.40	829.05	
J	35+75.22	42.77	829.90		Z	36+34.19	26.34	828.91	
K	35+75.22	47.77	829.94		AA	36+29.18	27.46	828.99	
L	35+82.75	47.77	829.32		BB	36+34.17	29.23	828.90	
M	35+84.40	42.77	829.55		CC	36+73.44	44.85	829.16	
N	35+85.41	47.77	829.59		DD	36+75.07	49.85	829.19	
O	36+20.07	44.60	829.63		EE	36+82.06	44.83	829.18	MEET EX
P	36+19.82	49.49	829.70		FF	36+82.07	49.83	829.26	MEET EX



POINT DESCRIPTION BODE CIRCLE (E)				
POINT	STATION	OFFSET	ELEVATION	REMARK
A	42+18.72	43.95	825.95	MEET EX
B	42+18.73	48.95	825.89	MEET EX
C	42+27.36	43.94	825.63	
D	42+25.73	48.94	825.56	
E	42+52.78	43.98	825.61	
F	42+54.38	48.98	825.53	
G	42+69.37	43.94	826.69	
H	42+69.38	48.94	826.76	
I	42+74.37	43.93	826.75	MEET EX
J	42+74.38	48.93	826.83	MEET EX

- LEGEND**
- (A) POINT
  - DETECTABLE WARNINGS
  - ▨ CURB DEPRESSION

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322  
 DATE PLOTTED: 9/4/2014 11:34:29 AM  
 CLIENT: 460-196025.dgn  
 PLOT DWG#: 460-196025.dgn  
 PEN TABLE: stransdr-trans-screen-fpoc.tbl

USER NAME = dstanz	DESIGNED - TAY	REVISED -
FILE NAME = 460-196025.dgn	DRAWN - TAY	REVISED -
PLOT SCALE = 1" = 10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE = 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

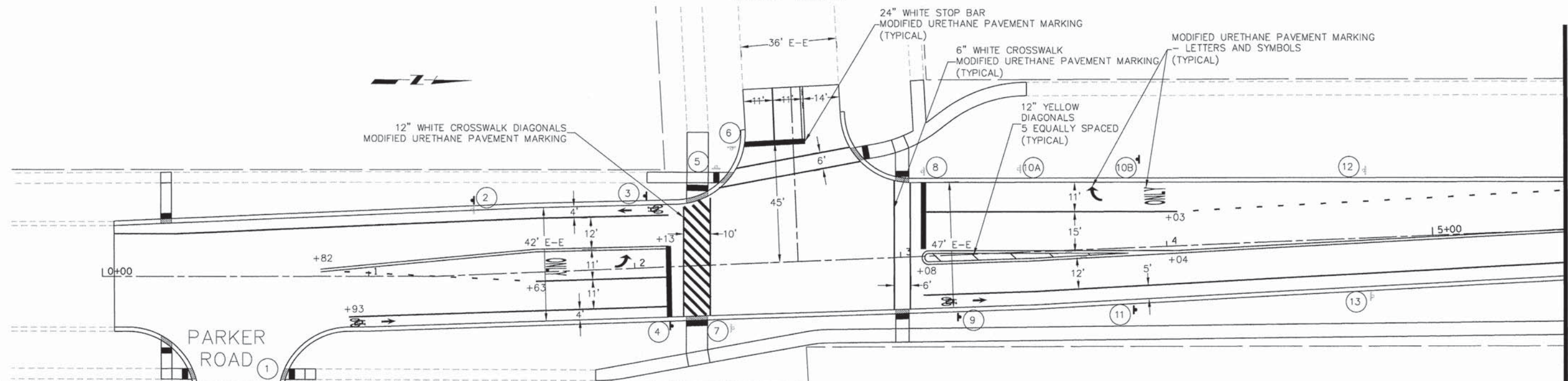
INTERSECTION GRADING PLAN & SIDEWALK RAMP DETAILS  
BODE ROAD

SCALE: 1" = 10' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	

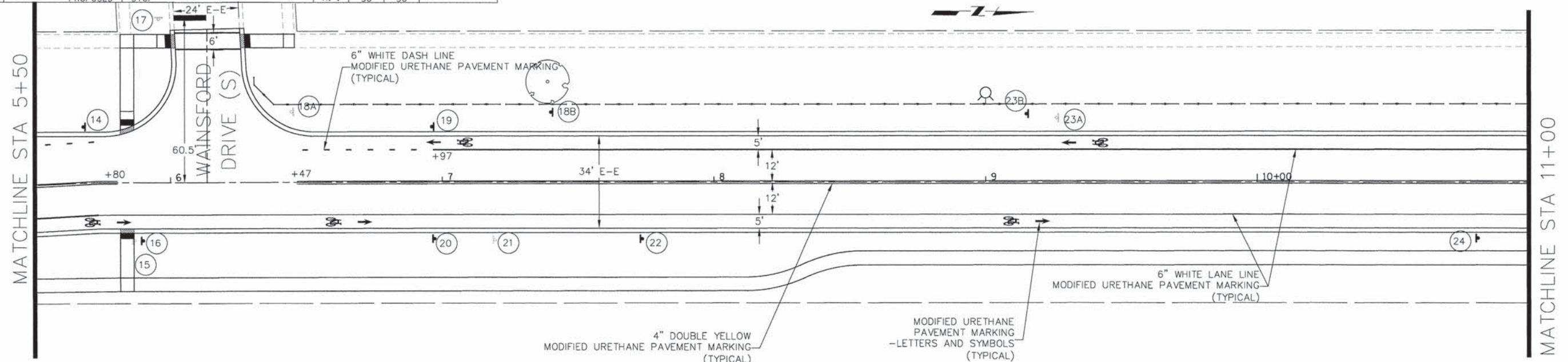


BODE ROAD



MATCHLINE STA 5+50

#	STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT	#	STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT	#	STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
1	0+72R	MAINTAIN EXISTING	STOP	R1-1	30	30	NEW POST	7	2+37R	REMOVE	STOP	R1-1	30	30	REMOVE POST	17	5+96L	MAINTAIN EXISTING	STOP	R1-1	30	30	EX. POST
		REMOVE	PARKER DR	D3-1	30	9				REMOVE	ALL WAY	R1-3P	12	6									
		REMOVE	BRAINTREE DR	D3-1	36	9				REMOVE	STOP	R1-1	30	30									
		PROPOSED	PARKER DR	D3-1	42	12				REMOVE	ALL WAY	R1-3P	12	6									
2	1+40L	PROPOSED	BRAINTREE DR	D3-1	48	12	REMOVE POST	8	3+09L	MAINTAIN EXISTING	ALL WAY	R1-3P	12	6	NEW POST	18A	6+44L	RELOCATE	STOP AHEAD	W3-1	30	30	EX. LIGHT POLE
		REMOVE	SPEED LIMIT 25	R2-1	24	30				REMOVE	WAINSFORD DR	D3-1	42	9									
		REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24				REMOVE	BODE RD	D3-1	30	9									
		RELOCATE	NO PARKING ANYTIME	R7-1	12	18				RELOCATE	NEIGHBORHOOD WATCH	N/A	12	18									
3	2+05L	PROPOSED	SPEED LIMIT 25	R2-1	24	30	REMOVE POST	9	3+21R	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST	18B	7+40L	RELOCATED	STOP AHEAD	W3-1	30	30	RELOCATED LIGHT POLE
		REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24				RELOCATE	BODE RD	D3-1	48	12									
		RELOCATE	NO PARKING ANYTIME	R7-1	12	18				RELOCATE	WAINSFORD DR	D3-1	48	12									
		PROPOSED	SPEED LIMIT 25	R2-1	24	30				RELOCATED	BODE RD	D3-1	36	12									
4	2+14R	PROPOSED	WEIGHT LIMIT 5 TONS	R12-1	24	30	NEW POST	10A	3+42L	RELOCATE	BODE RD ->	N/A	36	9	EX. LIGHT POLE	19	6+97L	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
		PROPOSED	BIKE LANE	R3-17	24	18				RELOCATED	RIGHT LANE MUST TURN RIGHT	R3-7R	30	30									
		PROPOSED	BEGINS	M4-14	12	6				RELOCATED	BODE RD ->	N/A	36	9									
		PROPOSED	STOP	R1-1	30	30				RELOCATED	RIGHT LANE MUST TURN RIGHT	R3-7R	30	30									
5	2+30L	MAINTAIN EXISTING	BIKE ROUTE	D11-1	24	18	NEW POST	11	3+88R	REMOVE	SPEED LIMIT 25	R2-1	18	24	REMOVE POST	20	6+97R	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
		PROPOSED	STOP	R1-1	30	30				PROPOSED	ENDS	M4-6	12	6									
		PROPOSED	ALL WAY	R1-3P	18	6				PROPOSED	BIKE LANE	R3-17	24	18									
		MAINTAIN EXISTING	BIKE ROUTE	D11-1	24	18				PROPOSED	SPEED LIMIT 25	R2-1	18	24									
6	2+35L	REMOVE	STOP	R1-1	30	30	EX. LIGHT POLE	12	4+75L	MAINTAIN EXISTING	NO PARKING SYMBOL	R8-3A	12	18	NEW POST	21	7+19R	REMOVE	SPEED LIMIT 25	R2-1	18	24	REMOVE POST
		MAINTAIN EXISTING	ALL WAY	R1-3P	12	6				MAINTAIN EXISTING	NO PARKING MORE THAN 72 HOURS	R8-3M	18	24									
		REMOVE	BODE RD	D3-1	18	6				MAINTAIN EXISTING	NO PARKING AFTER 2" SNOWFALL	N/A	18	24									
		REMOVE	BRAINTREE DR	D3-1	18	6				MAINTAIN EXISTING	NO OUTSIDE WATER USE	N/A	18	24									
7	2+50L	MAINTAIN EXISTING	HONORARY FR. GEORGE KANE	N/A	24	6	EX. LIGHT POLE	13	4+77R	PROPOSED	BICYCLE	W11-1	30	30	NEW POST	22	7+73R	PROPOSED	SPEED LIMIT 25	R2-1	24	30	NEW POST
		PROPOSED	BODE RD	D3-1	36	12				PROPOSED	RELOCATED	R8-3A	12	18									
		PROPOSED	BRAINTREE DR	D3-1	48	12				PROPOSED	RELOCATED	R8-3A	12	18									
		PROPOSED	STOP	R1-1	36	36				RELOCATED	NO PARKING SYMBOL	R8-3A	12	18									
8	2+55L	REMOVE	STOP	R1-1	30	30	EX. LIGHT POLE	14	5+68L	PROPOSED	SHARE THE ROAD	W16-1P	18	24	NEW POST	23A	9+26L	REMOVE	SPEED LIMIT 25	R2-1	18	24	EX. LIGHT POLE
		REMOVE	BIKE LANE	R3-17	24	18				RELOCATE	NO PARKING SYMBOL	R8-3A	12	18									
		REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24				PROPOSED	SPEED LIMIT 25	R2-1	24	30									
		REMOVE	WEIGHT LIMIT 25	R2-1	24	30				RELOCATED	NO PARKING SYMBOL	R8-3A	12	18									
9	2+58L	REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24	NEW POST	15	5+86R	RELOCATE	NO PARKING SYMBOL	R8-3A	12	18	REMOVE POST	23B	9+15L	PROPOSED	SPEED LIMIT 25	R2-1	24	30	RELOCATED LIGHT POLE
		REMOVE	WEIGHT LIMIT 25	R2-1	24	30				REMOVE	SPEED LIMIT 20	R2-1	18	24									
		REMOVE	WEIGHT LIMIT 5 TONS	R12-1	24	30				RELOCATED	NO PARKING SYMBOL	R8-3A	12	18									
		PROPOSED	NO PARKING SYMBOL	R8-3A	12	18				MAINTAIN EXISTING	NO PARKING SYMBOL	R8-3A	12	18									
10	2+61L	REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24	NEW POST	16	5+90R	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	NEW POST	24	10+80R	MAINTAIN EXISTING	SPEED LIMIT 20	R2-1	24	30	NEW POST
		REMOVE	WEIGHT LIMIT 25	R2-1	24	30				PROPOSED	SPEED LIMIT 20	R2-1	24	30									
		REMOVE	WEIGHT LIMIT 5 TONS	R12-1	24	30				PROPOSED	SPEED LIMIT 20	R2-1	24	30									
		REMOVE	WEIGHT LIMIT 25	R2-1	24	30				PROPOSED	SPEED LIMIT 20	R2-1	24	30									



MATCHLINE STA 11+00

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: STATE OF ILLINOIS  
 FILE NAME: 4680-mpm@11.dgn  
 PLOT DATE: 9/4/2014  
 PLOT SCALE: 1" = 20'

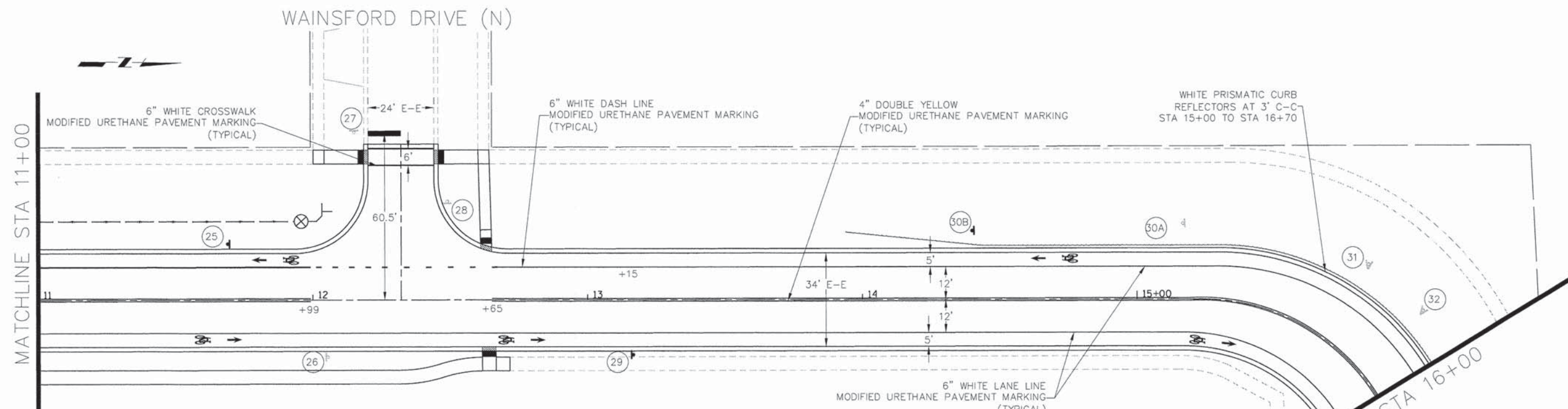


USER NAME = dstonez	DESIGNED - TAY	REVISOR -
FILE NAME = 4680-mpm@11.dgn	DRAWN - DMS	REVISOR -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISOR -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISOR -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN	
BODE ROAD	
SCALE: 1" = 20'	SHEET NO. 1 OF 5 SHEETS
STA. 0+00	TO STA. 11+00

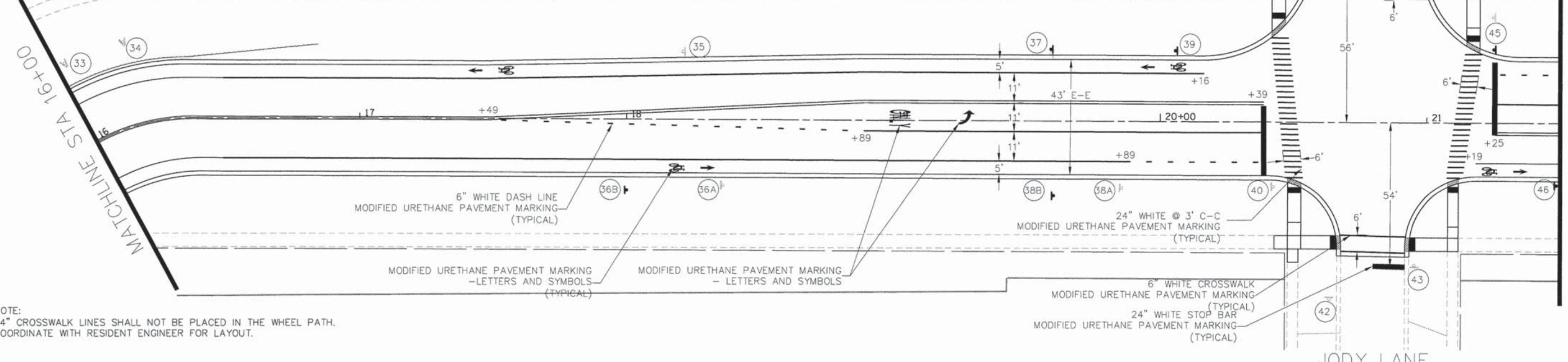
F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 57
CONTRACT NO. 61A72				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
25 11+69L	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
26 12+05R	MAINTAIN EXISTING	HORIZONTAL ALIGNMENT	W1-1R	30	30	NEW POST
26 12+05R	MAINTAIN EXISTING	ADVISORY SPEED 15	W13-1P	18	18	NEW POST
27 12+15L	MAINTAIN EXISTING	STOP	R1-1	30	30	EX. POST
28 12+49L	REMOVE	WAINSFORD DR	D3-1	42	9	
	REMOVE	BODE RD	D3-1	30	9	
	MAINTAIN EXISTING	NEIGHBORHOOD WATCH	N/A	12	18	EX. LIGHT POLE
	MAINTAIN EXISTING	NO PARKING MORE THAN 72 HOURS	R8-3M	18	24	
29 13+17R	PROPOSED	WAINSFORD DR	D3-1	48	12	
	PROPOSED	BODE RD	D3-1	36	12	
30A 15+17L	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
	REMOVE	SPEED LIMIT 20	R2-1	18	24	EX. LIGHT POLE
30B 14+40L	RELOCATE	NO PARKING SYMBOL	R8-3A	12	18	EX. LIGHT POLE
	PROPOSED	SPEED LIMIT 20	R2-1	24	30	NEW POST
31 15+69L	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8R	24	30	NEW POST
	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8L	24	30	NEW POST
32 15+87L	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8R	24	30	NEW POST
	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8L	24	30	NEW POST
33 16+03L	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8R	24	30	NEW POST
	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8L	24	30	NEW POST
34 16+22L	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8R	24	30	NEW POST
	MAINTAIN EXISTING	CHEVRON ALIGNMENT	W1-8L	24	30	NEW POST
35 18+22L	MAINTAIN EXISTING	HORIZONTAL ALIGNMENT	W1-1L	30	30	NEW POST
	MAINTAIN EXISTING	ADVISORY SPEED 15	W13-1P	18	18	NEW POST
36A 18+36R	RELOCATE	STOP AHEAD	W3-1	30	30	EX. LIGHT POLE
36B 18+00R	RELOCATED	STOP AHEAD	W3-1	30	30	REL. LIGHT POLE

STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
37 19+60L	REMOVE	SPEED LIMIT 20	R2-1	18	24	REMOVE POST
	RELOCATE	NO PARKING SYMBOL	R8-3A	12	18	
	PROPOSED	SPEED LIMIT 20	R2-1	24	30	NEW POST
38A 19+86R	RELOCATE	NO PARKING SYMBOL	R8-3A	12	18	EX. LIGHT POLE
	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	REL. LIGHT POLE
39 20+06L	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
40 20+42R	REMOVE	STOP	R1-1	30	30	
	MAINTAIN EXISTING	ALL WAY	R1-3P	12	6	NEW POST
41 20+51L	PROPOSED	STOP	R1-1	36	36	
	REMOVE	STOP	R1-1	30	30	
42 20+60R	MAINTAIN EXISTING	ALL WAY	R1-3P	12	6	NEW POST
	PROPOSED	STOP	R1-1	36	36	
43 20+95R	MAINTAIN EXISTING	NO PARKING ANY TIME	N/A	12	18	EX. POST
	MAINTAIN EXISTING	NO PARKING AFTER 2" SNOWFALL	N/A	18	24	EX. POST
44 21+03L	REMOVE	JODY LN	D3-1	36	9	
	REMOVE	GANNON DR	D3-1	36	9	
	REMOVE	BODE RD	D3-1	30	9	
	REMOVE	SPEED LIMIT 25	R2-1	18	24	
	REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24	
	PROPOSED	JODY LN	D3-1	36	12	EX. LIGHT POLE
45 21+25L	PROPOSED	GANNON DR	D3-1	42	12	
	PROPOSED	BODE RD	D3-1	36	12	
	PROPOSED	SPEED LIMIT 25	R2-1	24	30	
46 21+48R	RELOCATED	STOP AHEAD	W3-1	30	30	
	PROPOSED	WEIGHT LIMIT 5 TONS	R12-1	24	30	

STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
45 21+25L	REMOVE	STOP	R1-1	30	30	REMOVE POST
	RELOCATE	ALL WAY	R1-3P	12	6	
	PROPOSED	STOP	R1-1	36	36	NEW POST
46 21+48R	RELOCATED	ALL WAY	R1-3P	12	6	
	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST



NOTE:  
24" CROSSWALK LINES SHALL NOT BE PLACED IN THE WHEEL PATH.  
COORDINATE WITH RESIDENT ENGINEER FOR LAYOUT.

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FILE NAME: 460-pmp82.dgn  
 PLOT DRIVER: pldrv.plt  
 PEN TABLE: standard-trans-screen-topo.tbl



USER NAME: distance	DESIGNED: TAY	REVISED: -
FILE NAME: 460-pmp82.dgn	DRAWN: DMS	REVISED: -
PLOT SCALE: 1" = 20'	CHECKED: JRM	REVISED: -
PLOT DATE: 9/4/2014	DATE: 8/18/14	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN  
BODE ROAD  
SCALE: 1" = 20' SHEET NO. 2 OF 5 SHEETS STA. 11+00 TO STA. 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-0099-00-PV	COOK	110	58
CONTRACT NO. 61A72				

MATCHLINE STA 21+50

MATCHLINE STA 27+50

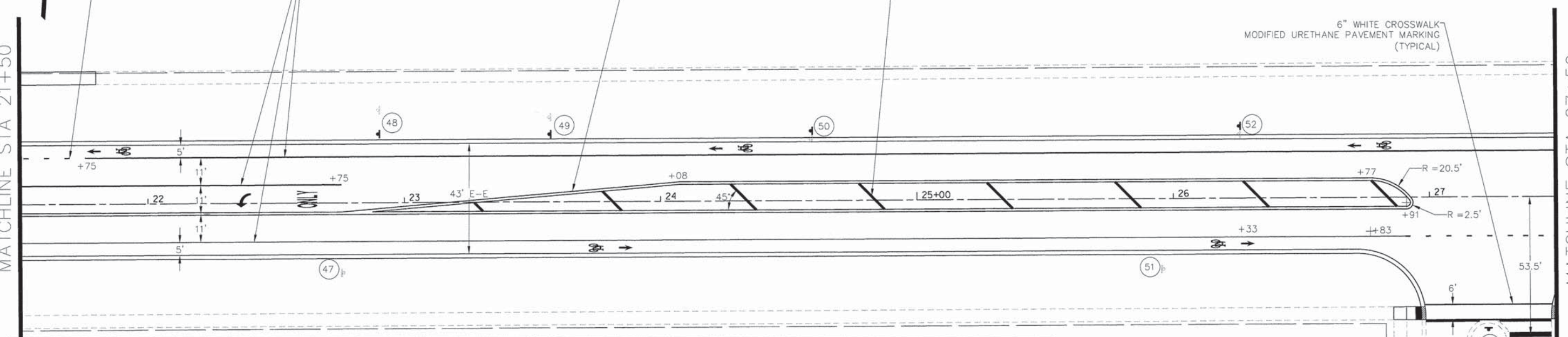
6" WHITE SKIP DASH  
MODIFIED URETHANE PAVEMENT MARKING  
(TYPICAL)

6" WHITE LANE LINE  
MODIFIED URETHANE PAVEMENT MARKING  
(TYPICAL)

4" DOUBLE YELLOW  
MODIFIED URETHANE PAVEMENT MARKING  
(TYPICAL)

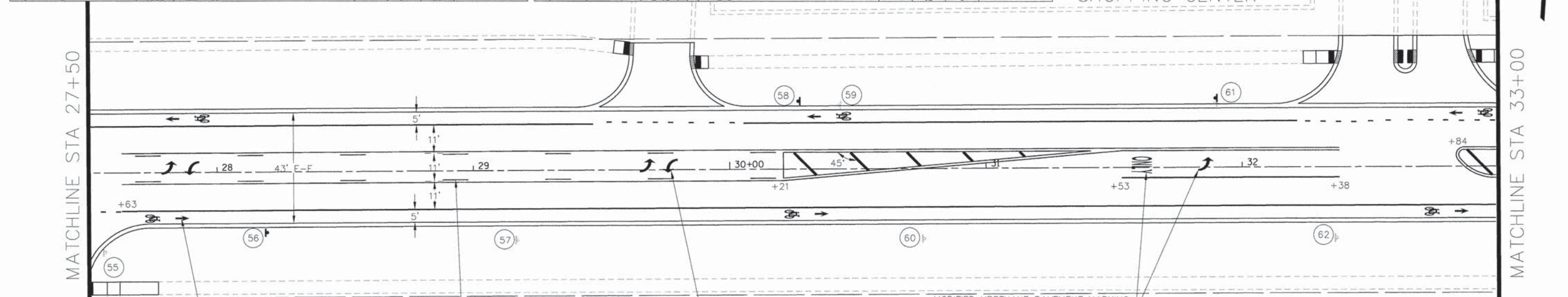
12" YELLOW DIAGONAL  
MODIFIED URETHANE PAVEMENT MARKING  
50' SPACING AT 45'  
(TYPICAL)

6" WHITE CROSSWALK  
MODIFIED URETHANE PAVEMENT MARKING  
(TYPICAL)



STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
47 22+76R	REMOVE	SPEED LIMIT 25	R2-1	18	24	EX. LIGHT POLE
	MAINTAIN EXISTING	NO PARKING SYMBOL	R8-3A	12	18	
48 22+90L	PROPOSED	SPEED LIMIT 25	R2-1	24	30	REMOVE POST
	REMOVE	SPEED LIMIT 25	R2-1	18	24	
	REMOVE	REDUCED SPEED AHEAD	N/A	18	24	
	PROPOSED	REDUCED SPEED AHEAD	W3-5	36	36	
49 23+57L	REMOVE	ADVANCE INTERSECTION LANE CONTROL	R3-8B	30	30	REMOVE POST
	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	NEW POST
50 24+59L	RELOCATED	STOP AHEAD	W3-1	30	30	REMOVE POST
	RELOCATED	STOP AHEAD	W3-1	30	30	NEW POST
51 25+97R	MAINTAIN EXISTING	NO PARKING SYMBOL	R8-3A	12	18	EX. LIGHT POLE
	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	REMOVE POST
52 26+26L	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	REMOVE POST
53 27+23R	REMOVE	KEEP RIGHT	R4-7	18	24	REMOVE POST
	PROPOSED	KEEP RIGHT	R4-7	24	30	NEW POST

STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
54 27+51R	MAINTAIN EXISTING	STOP	R1-1	30	30	EX. POST
	REMOVE	PARTRIDGE HILL DR	D3-1	54	9	EX. LIGHT POLE
55 27+57R	REMOVE	BODE RD	D3-1	30	9	
	PROPOSED	PARTRIDGE HILL DR	D3-1	72	12	NEW POST
PROPOSED	BODE RD	D3-1	36	12		
56 28+19R	PROPOSED	TWO-WAY LEFT TURN ONLY	R3-9b	24	36	NEW POST
	PROPOSED	BIKE LANE	R3-17	24	18	
57 29+17R	MAINTAIN EXISTING	NO PARKING SYMBOL	R8-3A	12	18	EX. LIGHT POLE
58 30+28L	PROPOSED	TWO-WAY LEFT TURN ONLY	R3-9b	24	36	NEW POST
	RELOCATED FROM 30+43	NO PARKING SYMBOL	R8-3A	12	18	
59 30+43L	RELOCATED TO 30+28L	NO PARKING SYMBOL	R8-3A	12	18	REMOVE POST
60 30+76R	MAINTAIN EXISTING	STOP AHEAD	W3-1	30	30	EX. LIGHT POLE
	REMOVE	SPEED LIMIT 25	R2-1	18	24	REMOVE POST
61 31+90L	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	NEW POST
	PROPOSED	SPEED LIMIT 25	R2-1	24	30	
62 32+37R	RELOCATED	NO PARKING SYMBOL	R8-3A	12	18	EX. LIGHT POLE
	MAINTAIN EXISTING	SCHOOL CROSSING WALK AHEAD	S1-1	24	24	
	MAINTAIN EXISTING		W16-9P	12	6	



MODIFIED URETHANE PAVEMENT MARKING  
- LETTERS AND SYMBOLS  
(TYPICAL)

4" YELLOW TWO-WAY LEFT TURN LANE  
MODIFIED URETHANE PAVEMENT MARKING  
(TYPICAL)

MODIFIED URETHANE PAVEMENT MARKING  
- LETTERS AND SYMBOLS  
(TYPICAL)

MODIFIED URETHANE PAVEMENT MARKING  
- LETTERS AND SYMBOLS  
(TYPICAL)

NOTE:  
24" CROSSWALKS SHALL NOT BE PLACED IN WHEEL PATH.  
COORDINATE WITH RESIDENT ENGINEER FOR PROPOSED LAYOUT.

COMPANY NAME: HRGreen.com  
PROJECT CONTACT: Illinois Professional Design Firm  
CLIENT: 9/4/2014 11:05:47 AM  
DATE PLOTTED: 460-pmp03.dgn  
FILE NAME: pmp03.dgn  
PLOT SCALE: 1" = 20'  
PLOT DATE: 9/4/2014



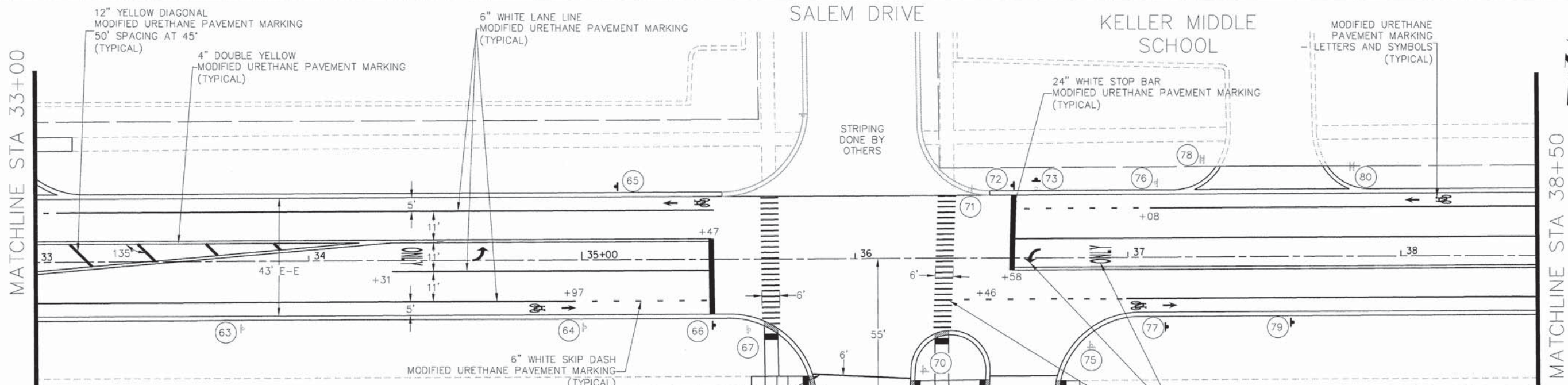
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-pmp03.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

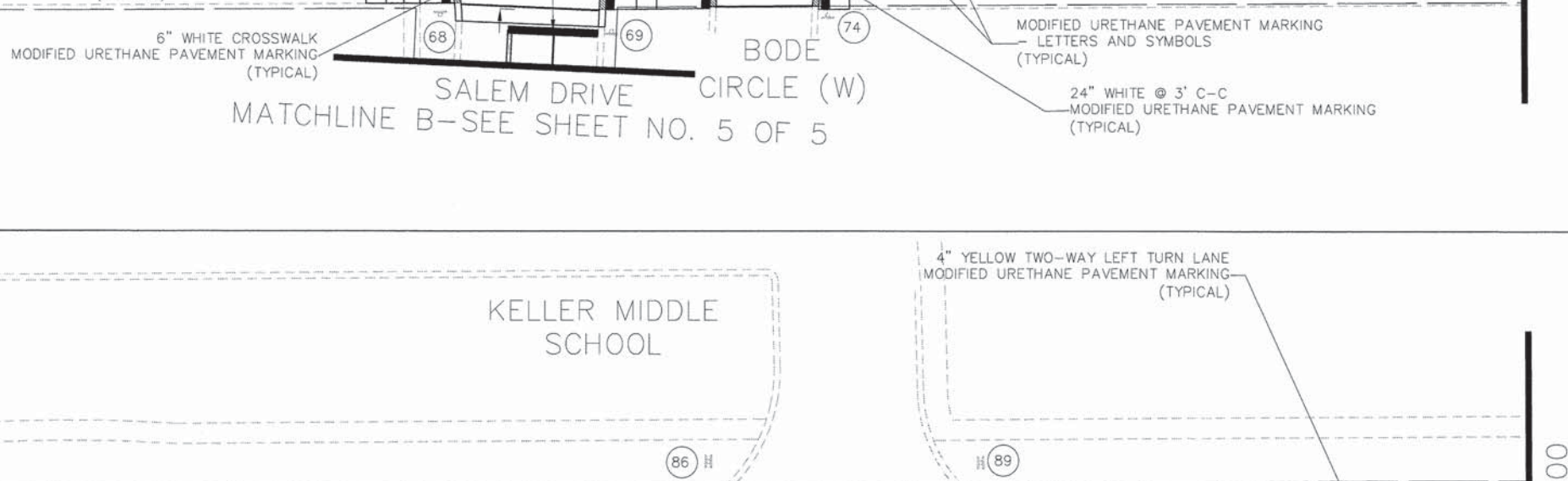
PAVEMENT MARKING AND SIGNING PLAN  
BODE ROAD

SCALE: 1" = 20' SHEET NO. 3 OF 5 SHEETS STA. 21+50 TO STA. 33+00

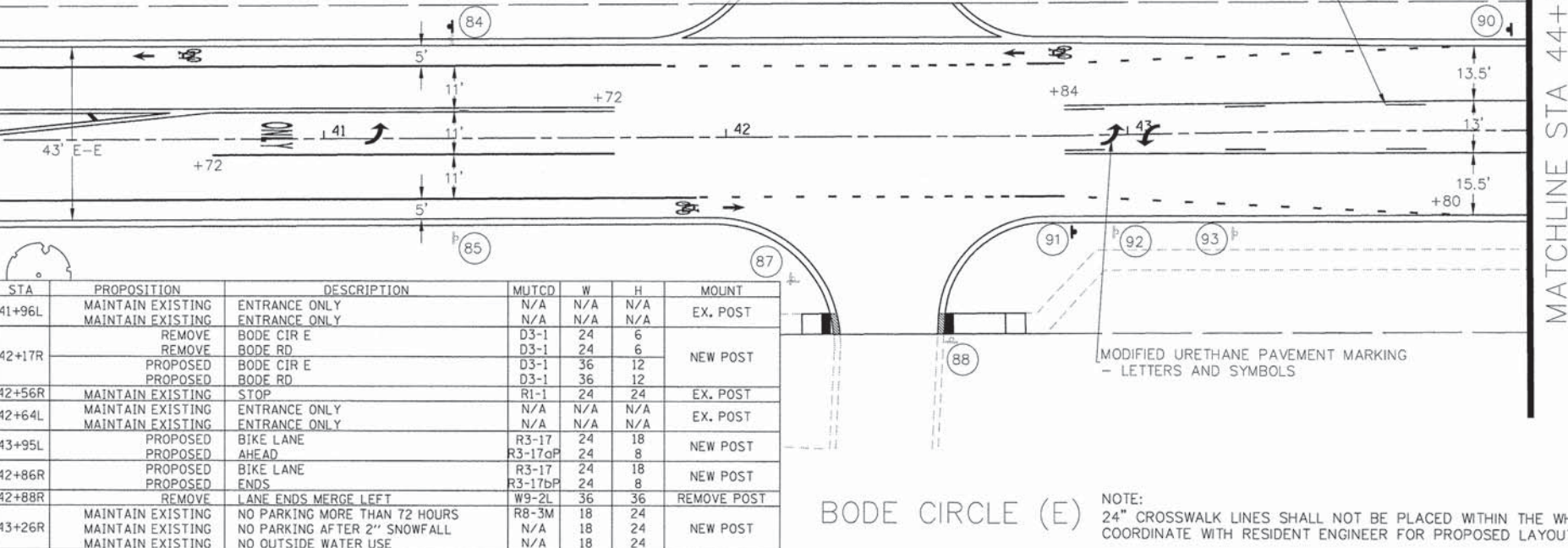
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	59
CONTRACT NO. 61A72				



STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
63 33+76R	MAINTAIN EXISTING	SCHOOL SPEED LIMIT 20	S4-1100	24	48	
	PROPOSED	FINES HIGHER	R2-6P	24	18	NEW POST
64 35+00R	MAINTAIN EXISTING	BIKE ROUTE	D11-1	24	18	
	MAINTAIN EXISTING	<-->	M6-1	12	9	NEW POST
65 35+13L	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
66 35+48R	PROPOSED	STOP	R1-1	36	36	
	PROPOSED	ALL WAY	R1-3P	18	6	NEW POST
67 35+61R	REMOVE	STOP	R1-1	30	30	
	REMOVE	ALL WAY	R1-3P	12	6	REMOVE POST
68 35+78R	MAINTAIN EXISTING	BIKE ROUTE	D11-1	24	18	
	REMOVE	STOP	R1-1	30	30	
69 36+23R	MAINTAIN EXISTING	ALL WAY	R1-3P	12	6	EX. POST
	PROPOSED	STOP	R1-1	36	36	
70 36+26R	REMOVE	SALEM DR	D3-1	42	9	
	REMOVE	BODE RD	D3-1	36	9	
71 36+43L	PROPOSED	SALEM DR	D3-1	42	12	
	PROPOSED	BODE RD	D3-1	36	12	
72 36+58L	REMOVE	STOP	R1-1	30	30	
	REMOVE	ALL WAY	R1-3P	12	6	REMOVE POST
73 36+66L	PROPOSED	STOP	R1-1	36	36	
	PROPOSED	ALL WAY	R1-3P	18	6	NEW POST
74 36+77R	RELOCATE	NO LEFT TURN SYMBOL	R3-2	24	24	REMOVE POST
	RELOCATED	NO LEFT TURN SYMBOL	R3-2	24	24	NEW POST
75 36+86R	MAINTAIN EXISTING	STOP	R1-1	24	24	EX. POST
	REMOVE	BODE CIR W	D3-1	24	6	
76 37+11L	REMOVE	BODE RD	D3-1	24	6	
	PROPOSED	BODE CIR W	D3-1	36	12	NEW POST
77 37+14R	PROPOSED	BODE RD	D3-1	36	12	
	MAINTAIN EXISTING	NO PARKING SYMBOL <-->	R7-31	12	18	
78 37+27L	MAINTAIN EXISTING	BIKE ROUTE	D11-1	24	18	
	MAINTAIN EXISTING	<-->	M6-1	12	9	NEW POST



STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
77 37+14R	REMOVE	WEIGHT LIMIT 5 TONS	R12-1	18	24	REMOVE POST
	MAINTAIN EXISTING	NO PARKING SYMBOL <-->	R7-31	12	18	
78 37+27L	PROPOSED	WEIGHT LIMIT 5 TONS	R12-1	24	30	NEW POST
	MAINTAIN EXISTING	EXIT ONLY	N/A	N/A	N/A	EX. POST
79 37+60R	MAINTAIN EXISTING	EXIT ONLY	N/A	N/A	N/A	EX. POST
	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
80 37+82L	MAINTAIN EXISTING	EXIT ONLY	N/A	N/A	N/A	EX. POST
	MAINTAIN EXISTING	EXIT ONLY	N/A	N/A	N/A	EX. POST
81 38+68L	RELOCATE	NO PARKING SYMBOL <-->	R7-31	12	18	REMOVE POST
	RELOCATED	NO PARKING SYMBOL <-->	R7-31	12	18	NEW POST
82 39+44R	MAINTAIN EXISTING	NO PARKING SYMBOL <-->	R7-31	12	18	NEW POST
	RELOCATE	STOP AHEAD	W3-1	30	30	REMOVE POST
83 39+46L	RELOCATED	STOP AHEAD	W3-1	30	30	NEW POST
	RELOCATE	STOP AHEAD	W3-1	30	30	REMOVE POST
84 41+32L	RELOCATE	NO PARKING SYMBOL <-->	R7-31	12	18	REMOVE POST
	RELOCATED	NO PARKING SYMBOL <-->	R7-31	12	18	NEW POST
85 41+33R	MAINTAIN EXISTING	NO PARKING SYMBOL <-->	R7-31	12	18	NEW POST
	MAINTAIN EXISTING	NO PARKING SYMBOL <-->	R7-31	12	18	NEW POST



STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
86 41+96L	MAINTAIN EXISTING	ENTRANCE ONLY	N/A	N/A	N/A	EX. POST
	MAINTAIN EXISTING	ENTRANCE ONLY	N/A	N/A	N/A	EX. POST
87 42+17R	REMOVE	BODE CIR E	D3-1	24	6	
	REMOVE	BODE RD	D3-1	24	6	
88 42+56R	PROPOSED	BODE CIR E	D3-1	36	12	NEW POST
	PROPOSED	BODE RD	D3-1	36	12	NEW POST
89 42+64L	MAINTAIN EXISTING	STOP	R1-1	24	24	EX. POST
	MAINTAIN EXISTING	ENTRANCE ONLY	N/A	N/A	N/A	EX. POST
90 43+95L	MAINTAIN EXISTING	ENTRANCE ONLY	N/A	N/A	N/A	EX. POST
	PROPOSED	BIKE LANE AHEAD	R3-17	24	18	NEW POST
91 42+86R	PROPOSED	BIKE LANE	R3-17	24	18	NEW POST
	PROPOSED	ENDS	R3-17bP	24	8	NEW POST
92 42+88R	REMOVE	LANE ENDS MERGE LEFT	W9-2L	36	36	REMOVE POST
	MAINTAIN EXISTING	NO PARKING MORE THAN 72 HOURS	R8-3M	18	24	
93 43+26R	MAINTAIN EXISTING	NO PARKING AFTER 2" SNOWFALL	N/A	18	24	NEW POST
	MAINTAIN EXISTING	NO OUTSIDE WATER USE	N/A	18	24	NEW POST

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 CLIENT: # 184-001322  
 DATE PLOTTED: 9/4/2014 11:45:52 AM  
 PLOT DRIVER: pldrvr  
 PEN TABLE: standard-trans-scraper-topo.tbl

USER NAME = dstencz  
 FILE NAME = 468-pmp04.dgn  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 9/4/2014

DESIGNED - TAY  
 DRAWN - DMS  
 CHECKED - JRM  
 DATE - 8/18/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN  
 BODE ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	60
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 33+00 TO STA. 44+00 CONTRACT NO. 61A72

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 12:36:31 PM  
 FILE NAME: 460-pmp85.dgn  
 PLOT SCALE: 1" = 20'  
 PEN TABLE: Standard-Trans-screen-fops.tbl



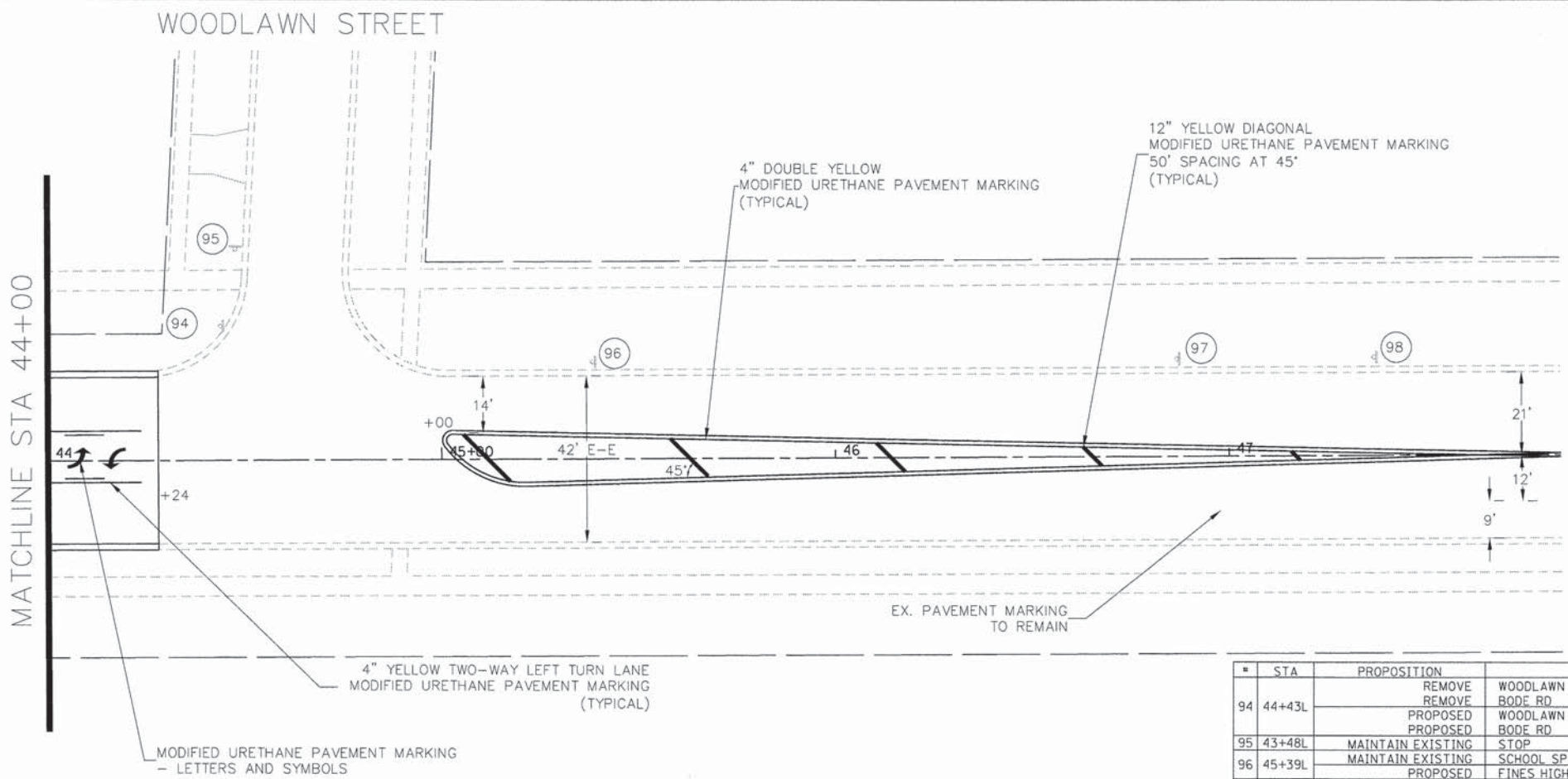
USER NAME = dstancz	DESIGNED - TAY	REVISED -
FILE NAME = 460-pmp85.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

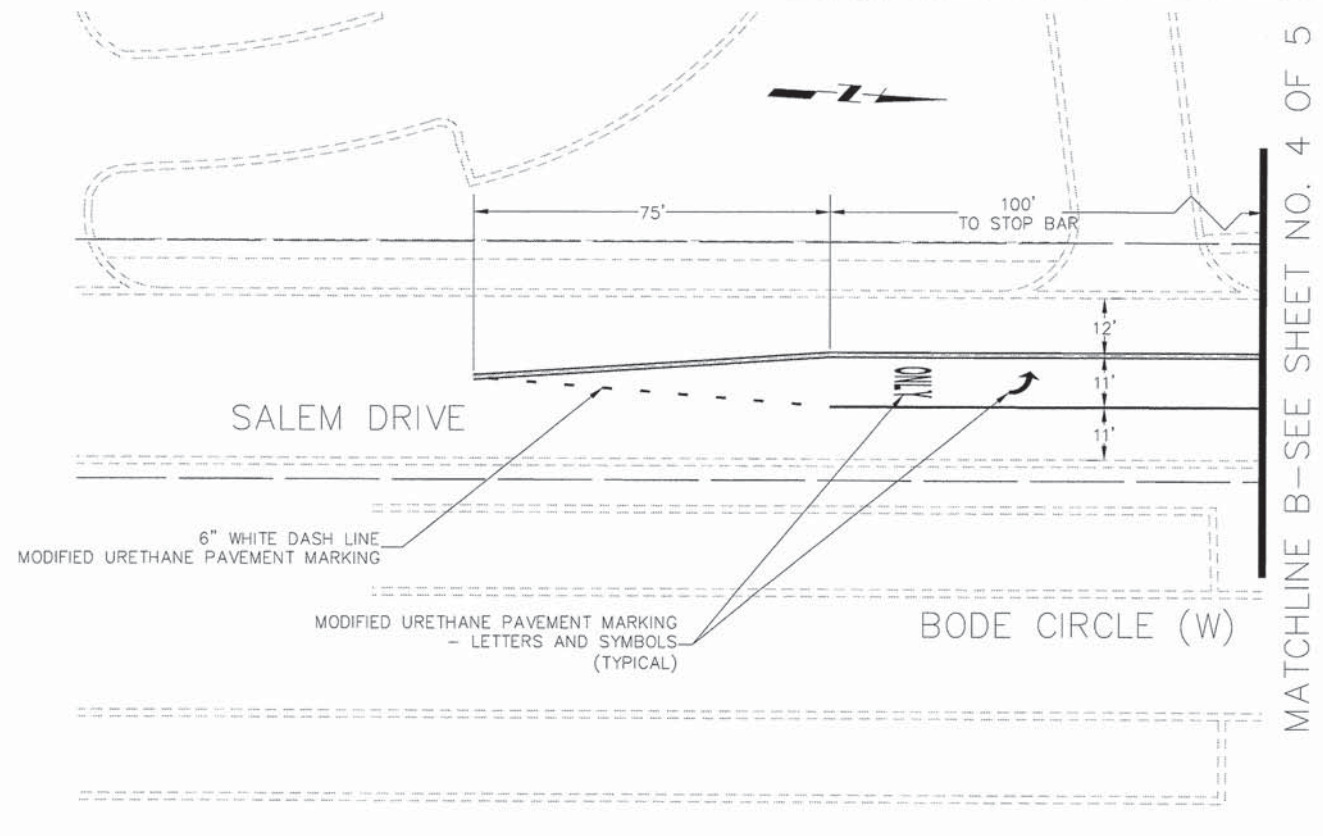
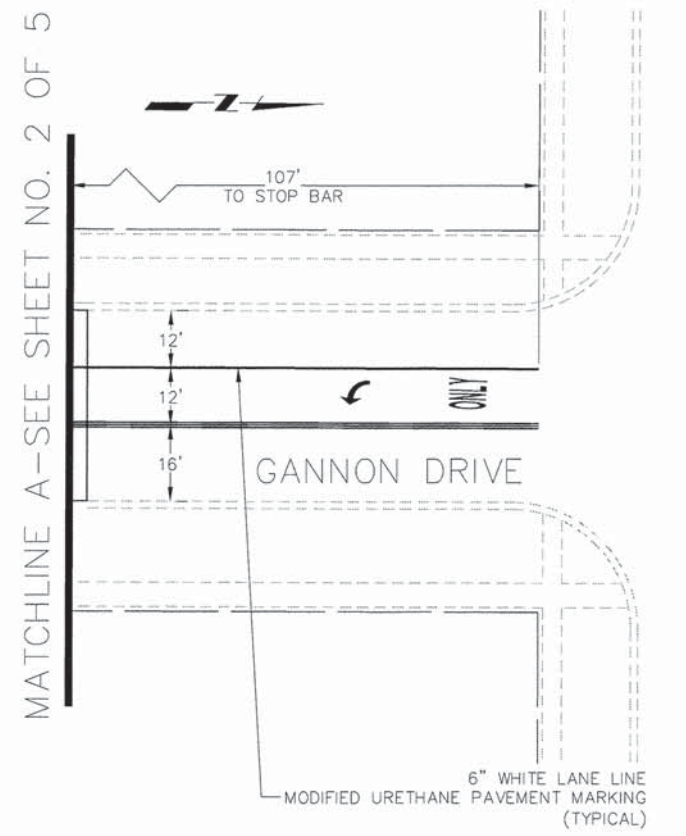
**PAVEMENT MARKING AND SIGNING PLAN  
 BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 5 OF 5 SHEETS    STA. 44+00 TO STA. 48+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	61
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

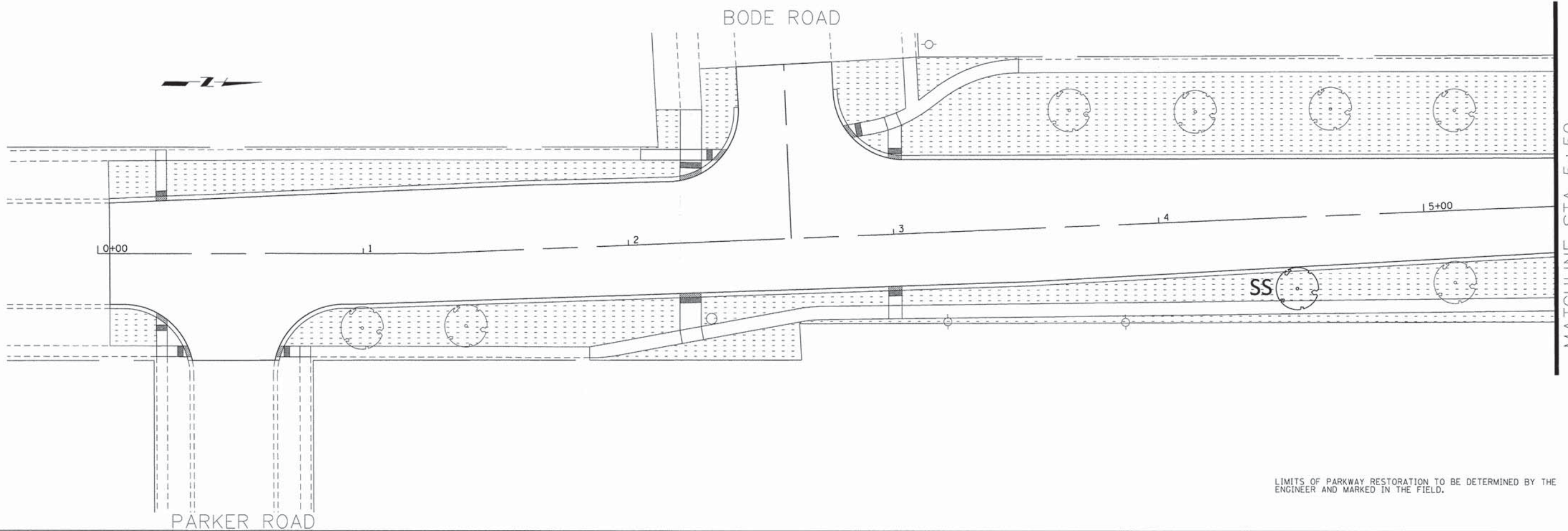


STA	PROPOSITION	DESCRIPTION	MUTCD	W	H	MOUNT
94 44+43L	REMOVE	WOODLAWN ST	D3-1	48	9	EX. POST
	REMOVE	BODE RD	D3-1	36	9	
94 44+43L	PROPOSED	WOODLAWN ST	D3-1	48	12	EX. POST
	PROPOSED	BODE RD	D3-1	36	12	
95 43+48L	MAINTAIN EXISTING	STOP	R1-1	30	30	EX. POST
96 45+39L	MAINTAIN EXISTING	SCHOOL SPEED LIMIT 20	S4-1100	24	48	EX. POST
	PROPOSED	FINES HIGHER	R2-6P	24	18	
97 46+88L	MAINTAIN EXISTING	NO PARKING ANY TIME	R7-31B	12	18	EX. POST
98 47+38L	MAINTAIN EXISTING	SCHOOL CROSSING WALK SYMBOL AHEAD	S1-1	24	24	EX. POST
	MAINTAIN EXISTING		W16-9P	12	6	

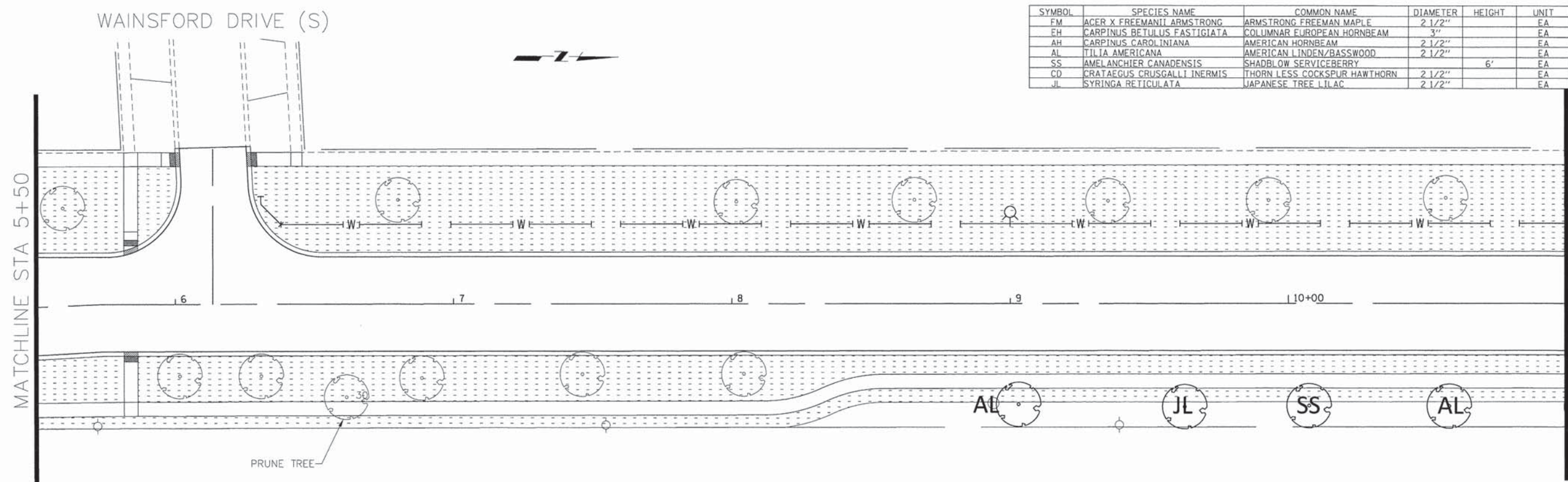


MATCHLINE A-SEE SHEET NO. 2 OF 5

MATCHLINE B-SEE SHEET NO. 4 OF 5



MATCHLINE STA 5+50



MATCHLINE STA 11+00

SYMBOL	SPECIES NAME	COMMON NAME	DIAMETER	HEIGHT	UNIT	QUANTITY
FM	ACER X FREEMANII ARMSTRONG	ARMSTRONG FREEMAN MAPLE	2 1/2"		EA	
FH	CARPINUS BETULUS FASTIGIATA	COLUMNAR EUROPEAN HORNBEAM	3"		EA	
AH	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2 1/2"		EA	
AL	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	2 1/2"		EA	2
SS	AMELANCHIER CANADENSIS	SHADBL OW SERVICEBERRY		6'	EA	2
CD	CRATAEGUS CRUSGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	2 1/2"		EA	
JL	SYRINGA RETICULATA	JAPANESE TREE LILAC	2 1/2"		EA	1

COMPANY NAME: HRGreen  
 PROJECT CONTACT:  
 DATE PLOTTED: 9/4/2014 11:24:56 AM  
 PLOT SCALE: 1" = 20'  
 PLOT ORIGIN:  
 PLOT TABLE:

HRGreen.com  
 Illinois Professional Design Firm  
 #184-001322

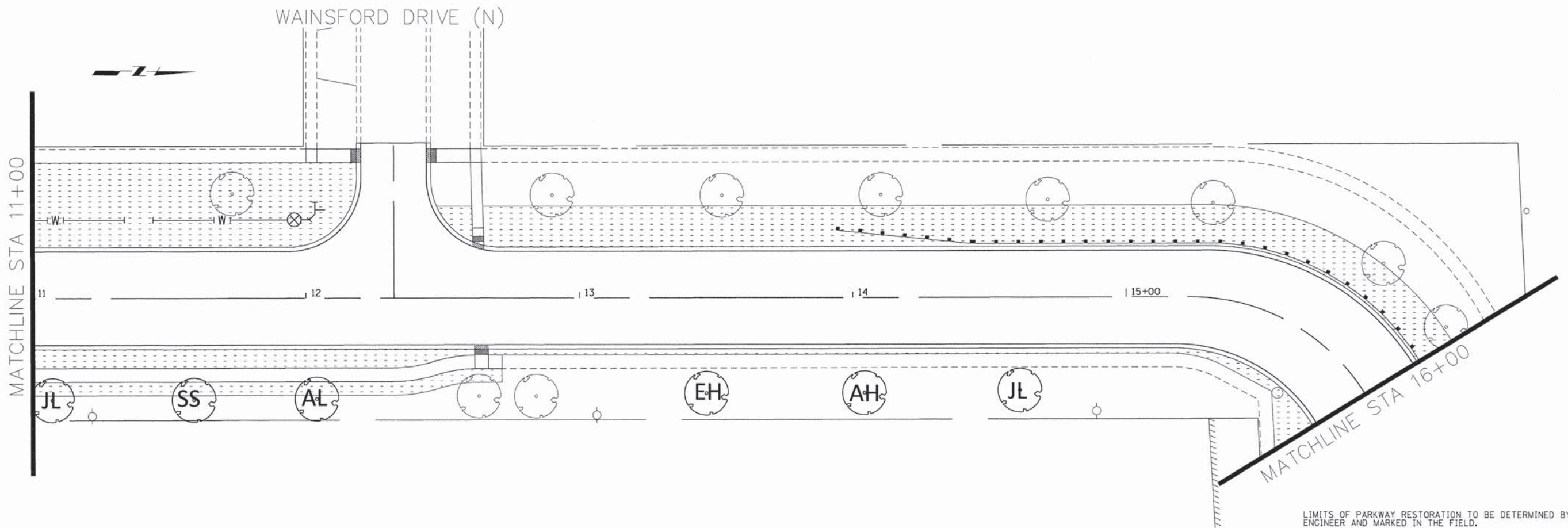
USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-1sp01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

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

**LANDSCAPING PLAN**  
**BODE ROAD**

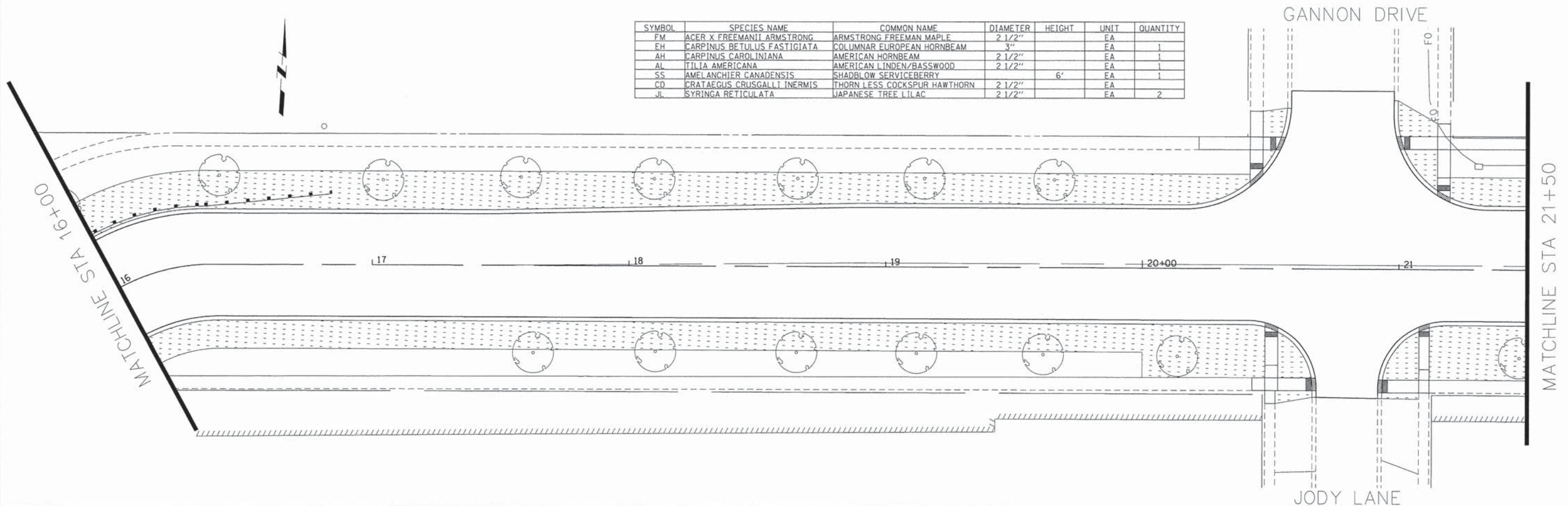
SCALE: 1" = 20'    SHEET NO. 1 OF 4 SHEETS    STA. 0+00    TO STA. 11+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	62
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61A72	



LIMITS OF PARKWAY RESTORATION TO BE DETERMINED BY THE ENGINEER AND MARKED IN THE FIELD.

SYMBOL	SPECIES NAME	COMMON NAME	DIAMETER	HEIGHT	UNIT	QUANTITY
FM	ACER X FREEMANII ARMSTRONG	ARMSTRONG FREEMAN MAPLE	2 1/2"		EA	
EH	CARPINUS BETULUS FASTIGIATA	COLUMNAR EUROPEAN HORNBEAM	3"		EA	1
AH	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2 1/2"		EA	1
AL	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	2 1/2"		EA	1
SS	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY		6'	EA	1
CD	CRATAEGUS CRUGGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	2 1/2"		EA	
JL	SYRINGA RETICULATA	JAPANESE TREE LILAC	2 1/2"		EA	2



COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:35:01 AM  
 FILE NAME: 468-1sp02.dgn  
 PLOT SCALE: 1" = 20'  
 PLOT DATE: 9/4/2014

HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dstencz  
 FILE NAME = 468-1sp02.dgn  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 9/4/2014

DESIGNED - TAY  
 DRAWN - DMS  
 CHECKED - JRM  
 DATE - 8/18/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN  
 BODE ROAD

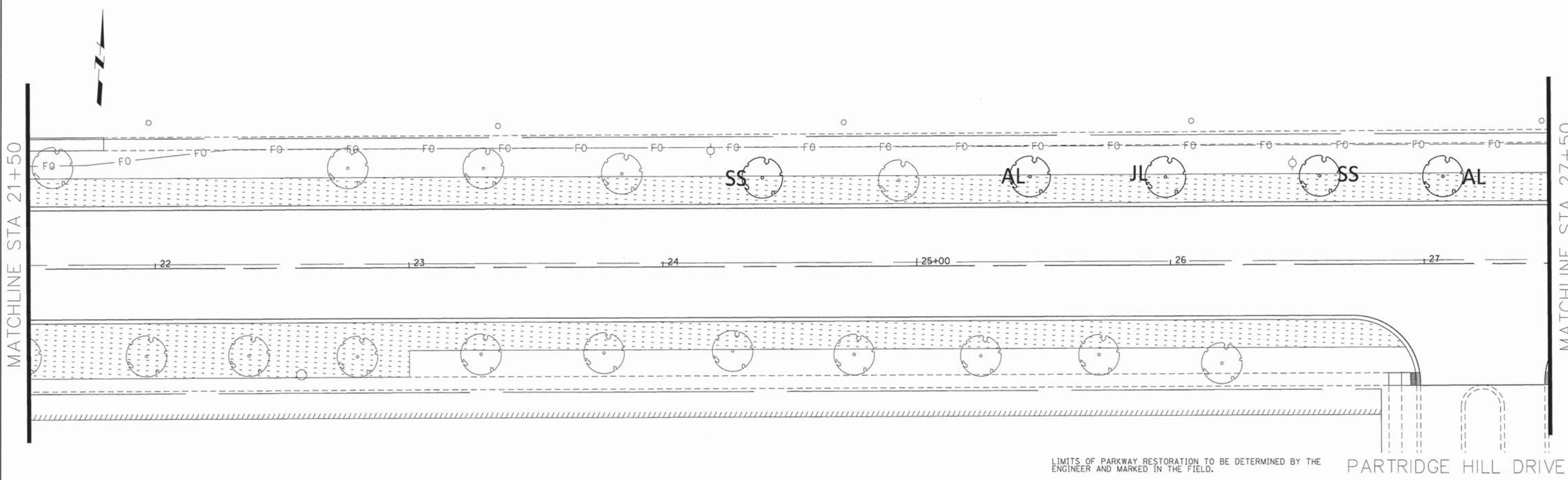
SCALE: 1" = 20' SHEET NO. 2 OF 4 SHEETS STA. 11+00 TO STA. 21+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	63
CONTRACT NO. 61A72				

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

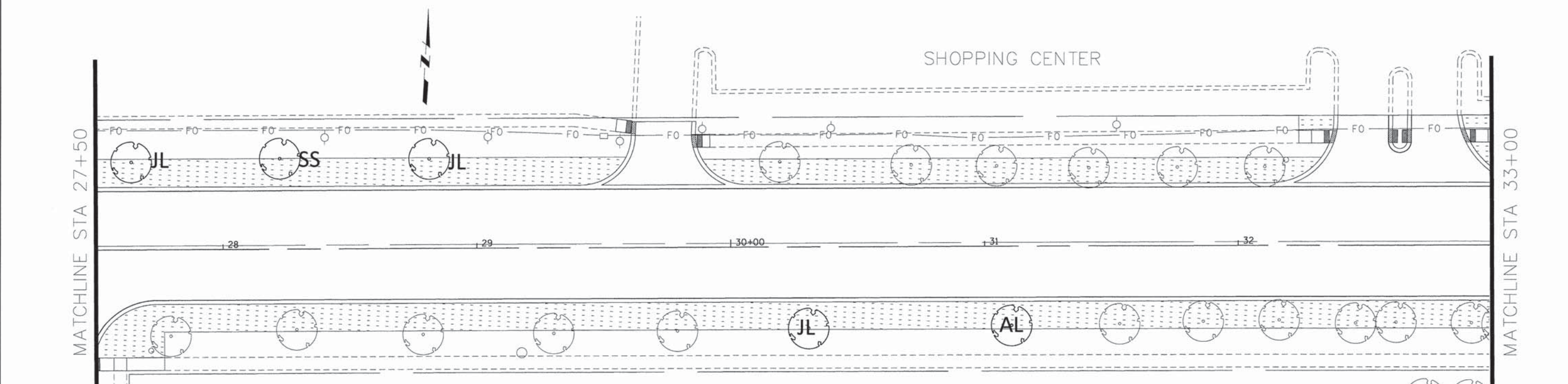
MATCHLINE STA 21+50

MATCHLINE STA 27+50



MATCHLINE STA 27+50

MATCHLINE STA 33+00



SYMBOL	SPECIES NAME	COMMON NAME	DIAMETER	HEIGHT	UNIT	QUANTITY
FM	ACER X FREEMANII ARMSTRONG	ARMSTRONG FREEMAN MAPLE	2 1/2"		EA	
EH	CARPINUS BETULUS FASTIGIATA	COLUMNAR EUROPEAN HORNBEAM	3"		EA	
AH	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2 1/2"		EA	
AL	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	2 1/2"		EA	3
SS	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY		6'	EA	3
CD	CRATAEGUS CRUSGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	2 1/2"		EA	
JL	SYRINGA RETICULATA	JAPANESE TREE LILAC	2 1/2"		EA	4

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:26:06 AM  
 PLOT SCALE: 1" = 20'  
 PLOT DRIVER: standard-true-screen-tpop.tbl  
 PLOT TABLE:



USER NAME = dstencz	DESIGNED - TAY	REVISED -
FILE NAME = 460-1sp03.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN  
BODE ROAD**

SCALE: 1" = 20'    SHEET NO. 3 OF 4 SHEETS    STA. 21+50    TO STA. 33+00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 61A72				

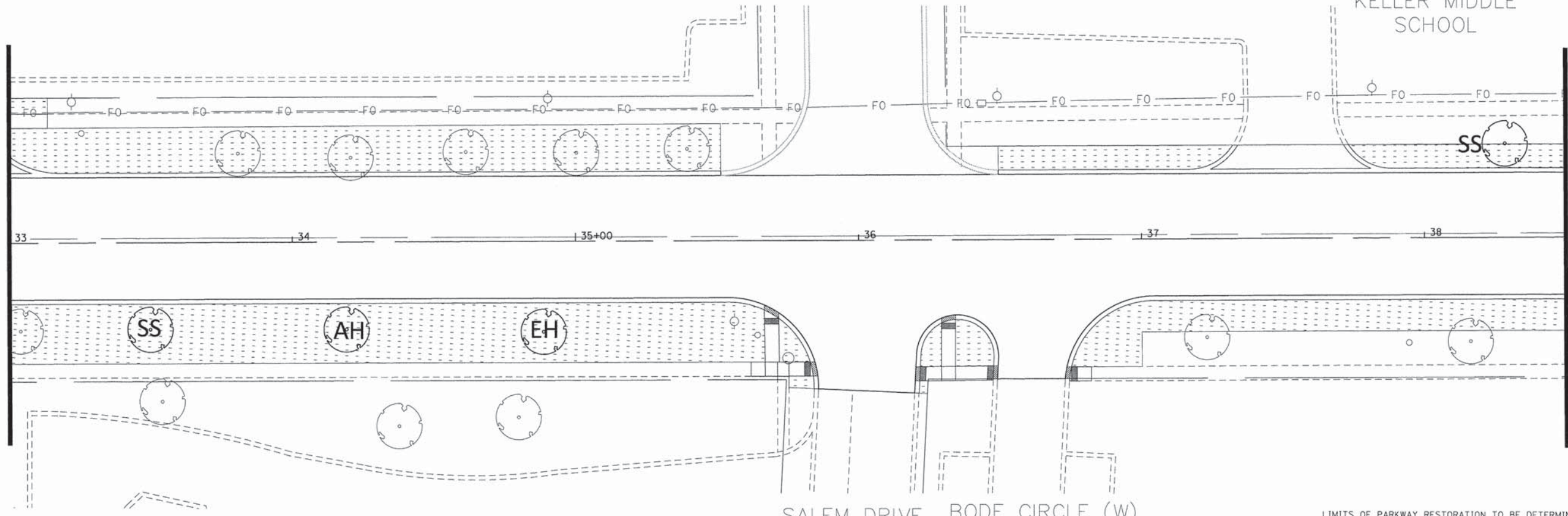


SALEM DRIVE

KELLER MIDDLE SCHOOL

MATCHLINE STA 33+00

MATCHLINE STA 38+50



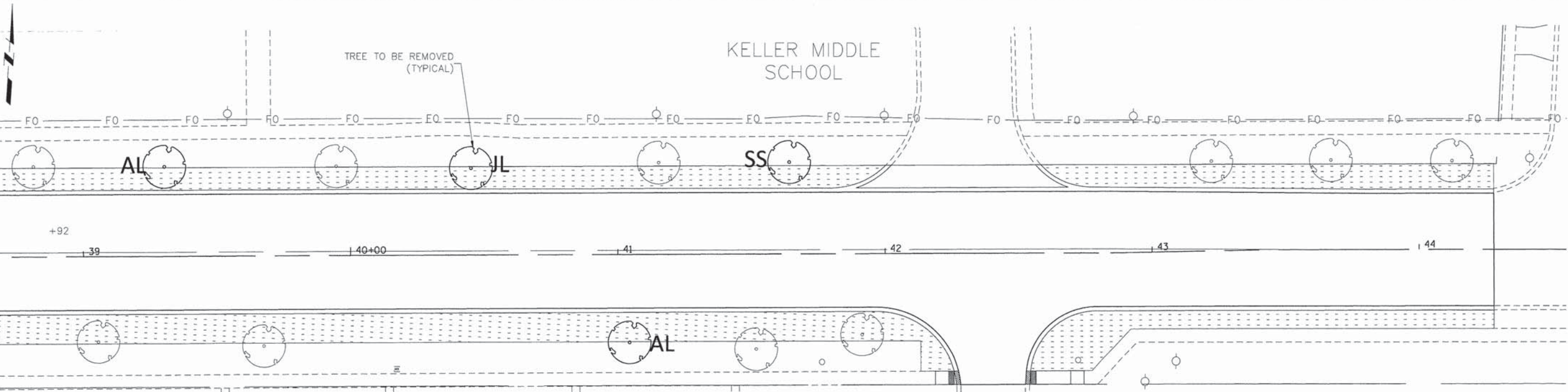
SALEM DRIVE BODE CIRCLE (W)

LIMITS OF PARKWAY RESTORATION TO BE DETERMINED BY THE ENGINEER AND MARKED IN THE FIELD.

KELLER MIDDLE SCHOOL

MATCHLINE STA 38+50

TREE TO BE REMOVED (TYPICAL)



BODE CIRCLE (E)

SYMBOL	SPECIES NAME	COMMON NAME	DIAMETER	HEIGHT	UNIT	QUANTITY
FM	ACER X FREEMANII ARMSTRONG	ARMSTRONG FREEMAN MAPLE	2 1/2"		EA	0
EH	CARPINUS BETULUS FASTIGIATA	COLUMNAR EUROPEAN HORNBEAM	3"		EA	1
AH	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2 1/2"		EA	1
AL	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	2 1/2"		EA	2
SS	AMELANCHIER CANADENSIS	SHADBLW SERVICEBERRY		6'	EA	3
CD	CRATAEGUS CRUSGALLI INERMIS	THORN LESS COCKSPUR HAWTHORN	2 1/2"		EA	1
JL	SYRINGA RETICULATA	JAPANESE TREE LILAC	2 1/2"		EA	1

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 10:35:10 AM  
 FILE NAME: 460-1ap04.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-trans-screen-table.tbl



USER NAME = dstencz  
 FILE NAME = 460-1ap04.dgn  
 PLOT SCALE = 1" = 20'  
 PLOT DATE = 9/4/2014

DESIGNED - TAY  
 DRAWN - DMS  
 CHECKED - JRM  
 DATE - 8/18/14

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN  
 BODE ROAD

SCALE: 1" = 20' SHEET NO. 4 OF 4 SHEETS STA. 33+00 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	65
CONTRACT NO. 61A72				

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











**GENERAL ELECTRICAL PLAN NOTES**

1. THIS PROJECT INCLUDES THE INSTALLATION OF STREET LIGHTING ALONG BODE RD. FROM PARKER RD. TO WOODLAWN ST.
  2. THE CONTRACTOR SHALL CONTACT COMED AT (877) 426-6331 TO COORDINATE THE ELECTRIC SERVICE WORK.
  3. THE CONTRACTOR SHALL SUBMIT FOR THE RESIDENT ENGINEER'S REVIEW WITHIN 30 DAYS AFTER CONTRACT EXECUTION, EIGHT COPIES OF APPROVED MANUFACTURER'S PRODUCT DATA AND DETAILED SHOP DRAWINGS TO THE RESIDENT ENGINEER.
  4. TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE LIGHT POLES, THE LIGHT POLES SHALL NOT BE ERECTED AND/OR LEFT TO STAND WITHOUT LUMINAIRE. NOTE THAT THE LIGHT POLES WILL NOT BE PAID FOR UNTIL THE POLES ARE FULLY APPROVED AND THE LUMINAIRES ARE INSTALLED.
  5. THE QUANTITIES OF RACEWAY WHERE INDICATED IN THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
  6. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
  7. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF HOFFMAN ESTATES PUBLIC WORKS DEPARTMENT: JOE VOLPE AT (847) 781-2708 TO LOCATE AND MARK/STAKE ALL VILLAGE OWNED UNDERGROUND UTILITIES.
  8. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30".
  9. WHERE SEPARATE CIRCUIT RUNS ARE TO BE INSTALLED PARALLEL WITH EACH OTHER, ONE COMMON TRENCH SHALL BE USED AND SHALL BE MEASURED ONLY ONCE FOR PAYMENT, AS TRENCH AND BACK FILL FOR ELECTRICAL WORK.
  10. THE CONTRACTOR SHALL COORDINATE THE FOUNDATION HEIGHTS WITH THE FINISHED ELEVATION SO FOUNDATION DOES NOT PROTRUDE BEYOND SPECIFIED REQUIREMENTS. (SEE LIGHT POLE FOUNDATION, METAL, DETAIL).
  11. AT THE COMPLETION OF THE PROJECT THE LIGHTING SYSTEMS SHALL BE OWNED AND MAINTAINED BY THE VILLAGE OF HOFFMAN ESTATES.
  12. LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL CODES.
  13. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE U/L LISTED AND LABELED.
  14. THE CONTRACTOR SHALL SUBMIT FOUR (4) SETS OF FULL SIZED COMPLETE AND ACCURATE "RECORD DRAWINGS" TO THE ENGINEER FOR REVIEW AND COMMENT, AS SPECIFIED. THE "RECORD DRAWINGS" SHALL BE UPDATED ON A REGULAR BASIS AND DEPICT ALL ROADWAY LIGHTING MATERIAL INSTALLATIONS WITH ANY CHANGES INDICATED IN RED. "REPRODUCIBLE RECORD DRAWINGS" SHALL BE SUBMITTED AT LEAST 7 DAYS BEFORE SCHEDULING A FINAL INSPECTION.
15. GROUND RODS SHALL BE FURNISHED AND INSTALLED AS REQUIRED PER PLAN FOR EACH LIGHTING CONTROLLER. THE COST SHALL BE INCLUDED WITH THE PAY ITEM LIGHTING CONTROLLER BASE MOUNTED, 240 VOLT 100 AMP.
16. GROUND RODS SHALL BE FURNISHED AS REQUIRED PER PLAN FOR EACH LIGHT POLE FOUNDATION. THE COST SHALL BE INCLUDED WITH THE PAY ITEM "LIGHT POLE FOUNDATION, 24" DIAMETER."
17. THE CONTRACTOR SHALL SCHEDULE A TRANSFER OF MAINTENANCE WITH THE VILLAGE OF HOFFMAN ESTATES IN ACCORDANCE WITH THE GENERAL ELECTRIC REQUIREMENTS.
  18. THE CONTRACTOR SHALL CONFIRM THE BOLT CIRCLE OF EXISTING LIGHTING UNITS TO BE RELOCATED PRIOR TO INSTALLING THE PROPOSED FOUNDATION. THE SIZE SHALL BE COORDINATED.

**SCHEDULE OF QUANTITIES**

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	495
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	50
81603051	UNIT DUCT, 600V, 3-1/C NO.6, 1/C NO.8 GROUND (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4290
81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.1/0	FOOT	300
82500350	LIGHTING CONTROLLER BASE MOUNTED, 240 VOLT, 100 AMP	EACH	1
83006500	LIGHT POLE, ALUMINUM, 30 FT. M.H., 12FT. MAST ARM	EACH	9
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	17
84200804	REMOVAL OF POLE FOUNDATION	EACH	8
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	8
XX007797	LUMINAIRE (SPECIAL)	EACH	27
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	4

**LEGEND**

-  LIGHTING UNIT: 30 FT. MH, 12 FT MA, LED LUMINAIRE
-  EXISTING LIGHTING UNIT TO BE REMOVED AND RELOCATED
-  RELOCATED LIGHTING UNIT TO REMAIN WITH NEW LUMINAIRE
-  EXISTING LIGHT POLE TO REMAIN WITH NEW LUMINAIRE
-  EXISTING LIGHTING UNIT TO BE REMOVED
-  UNIT DUCT 3 1/C #6 WITH 1/C #8 GROUND
-  ELECTRIC CABLE IN CONDUIT 3-1/C #1/0 (XLP-TYPE) INSTALLED IN 2" DIA. GALVANIZED STEEL CODUIT
-  UTILITY SERVICE CONNECTION, POLE MOUNTED
-  LIGHTING CONTROLLER
-  RIGID GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED AS INDICATED

COMPANY NAME: #COMPANY\_NAME#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE#  
 FILE NAME: #FILE#  
 PLOT DRIVER: #PLOT\_DRIVER#  
 PEN TABLE: #PEN\_TABLE#

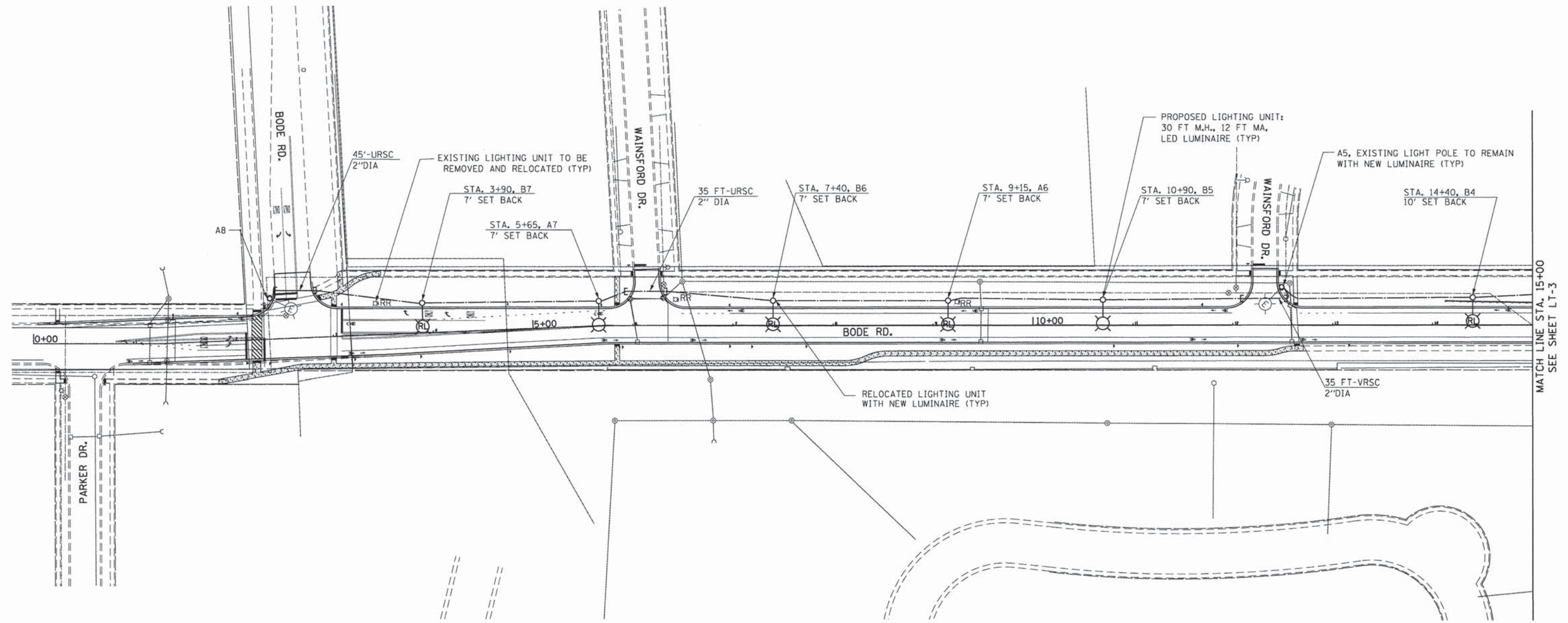

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REV1DATE#
FILE NAME = #FILE#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

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

**BODE ROAD AND SALEM DRIVE STP PROJECT**  
**GENERAL NOTES, LEGEND AND SCHEDULE OF QUANTITIES**

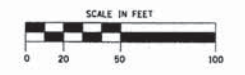
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	66
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO.			61A72	



MATCH LINE STA. 15+00  
SEE SHEET LT-3

**NOTES:**

1. EXISTING CABLE BETWEEN EXISTING LIGHTING UNITS SHALL BE DISCONNECTED AND ABANDONED.
2. THE EXISTING LUMINAIRES SHALL BE REMOVED FROM EXISTING LIGHT POLES AND RELOCATED LIGHT POLES AND REPLACED WITH PROPOSED LED LUMINAIRES. THIS REMOVAL AND SALVAGE SHALL BE INCLUDED IN THE COST OF LUMINAIRE (SPECIAL) PER SPECIAL PROVISIONS. ALL REMOVED LIGHTING EQUIPMENT SHALL BE RETURNED TO THE VILLAGE OF HOFFMAN ESTATES PUBLIC WORKS DEPARTMENT.
3. LIGHT POLE SETBACK IS FROM FACE OF CURB TO CENTER OF POLE.



COMPANY NAME: #COMPANY\_NAME#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE#  
 PLOT NUMBER: #PLOT\_NUMBER#  
 PEN TABLE: #PEN\_TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REVDATE#
FILE NAME = #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

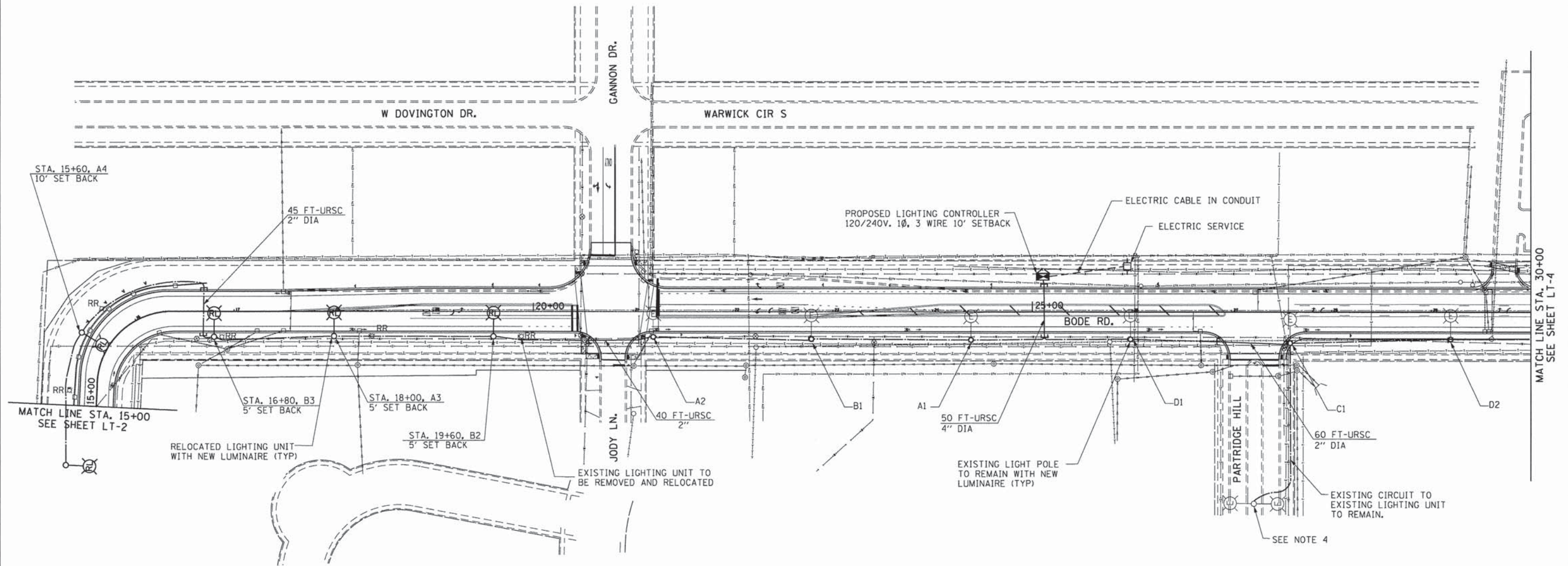
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BODE ROAD AND SALEM DRIVE STP PROJECT**  
**LIGHTING - BODE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	67
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61A72	

LT-2



**NOTES:**

1. EXISTING CABLE BETWEEN EXISTING LIGHTING UNITS SHALL BE DISCONNECTED AND ABANDONED.
2. THE EXISTING LUMINAIRES SHALL BE REMOVED FROM EXISTING LIGHT POLES AND RELOCATED LIGHT POLES AND REPLACED WITH PROPOSED LED LUMINAIRES. THIS REMOVAL AND SALVAGE SHALL BE INCLUDED IN THE COST OF LUMINAIRE (SPECIAL) PER SPECIAL PROVISIONS. ALL REMOVED LIGHTING EQUIPMENT SHALL BE RETURNED TO THE VILLAGE OF HOFFMAN ESTATES PUBLIC WORKS DEPARTMENT.
3. LIGHT POLE SETBACK IS FROM FACE OF CURB TO CENTER OF POLE.
4. THE EXISTING LIGHTING UNIT SHALL BE DISCONNECTED FROM THE EXISTING COMED SWITCHGEAR AND SHALL BE FED FROM THE PROPOSED LIGHTING CONTROLLER.



COMPANY NAME: #COMPANY\_NAME#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE# #TIME#  
 FILE NAME: #FILE#  
 PLOT DRIVER: #PLOT\_DRIVER#  
 PEN TABLE: #PEN\_TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REV1DATE#
FILE NAME = #FILE#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

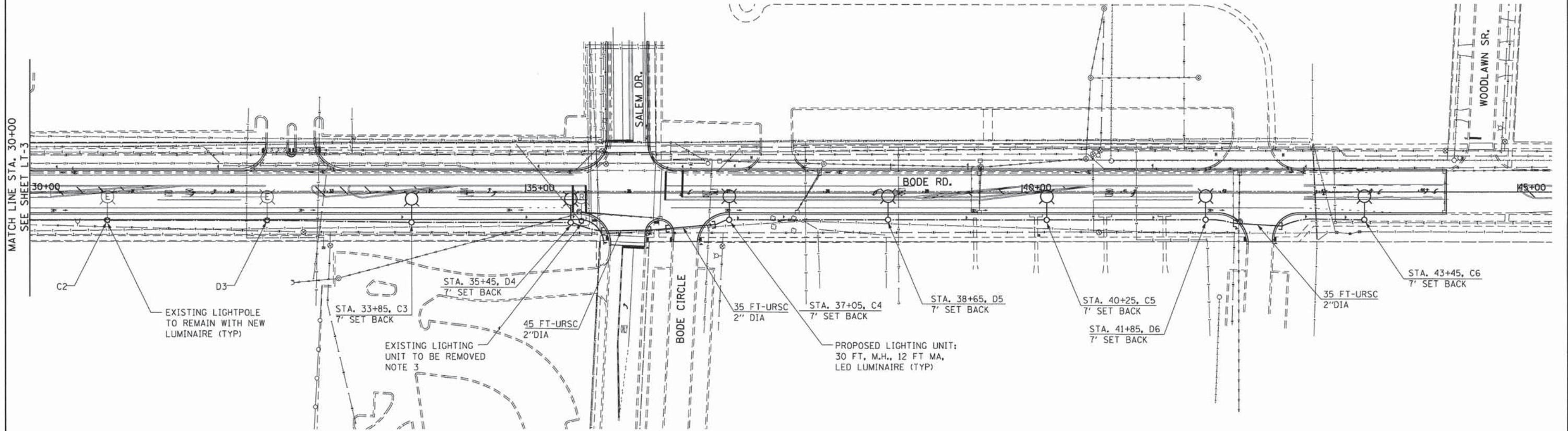
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BODE ROAD AND SALEM DRIVE STP PROJECT**  
**LIGHTING - BODE ROAD**

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

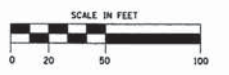
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	68
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61A72	

LT-3



**NOTES:**

1. EXISTING CABLE BETWEEN EXISTING LIGHTING UNITS SHALL BE DISCONNECTED AND ABANDONED.
2. THE EXISTING LUMINAIRES SHALL BE REMOVED FROM EXISTING LIGHT POLES AND RELOCATED LIGHT POLES AND REPLACED WITH PROPOSED LED LUMINAIRES. THIS REMOVAL AND SALVAGE SHALL BE INCLUDED IN THE COST OF LUMINAIRE (SPECIAL) PER SPECIAL PROVISIONS. ALL REMOVED LIGHTING EQUIPMENT SHALL BE RETURNED TO THE VILLAGE OF HOFFMAN ESTATES PUBLIC WORKS DEPARTMENT.
3. AERIAL CABLE SHALL BE DISCONNECTED FROM WOOD POLE PRIOR TO REMOVAL OF LIGHTING UNIT.
4. LIGHT POLE SETBACK IS FROM FACE OF CURB TO CENTER OF POLE.



COMPANY NAME: #COMPANY\_NAME#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE# #TIME#  
 FILE NAME: #FILES#  
 PLOT DRIVER: #PLOT\_DRIVER#  
 PEN TABLE: #PEN\_TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 8413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME : #USER#	DESIGNED - BL	REVISED - #REV1# #REVDATE#
FILE NAME : #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE : #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE : #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

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

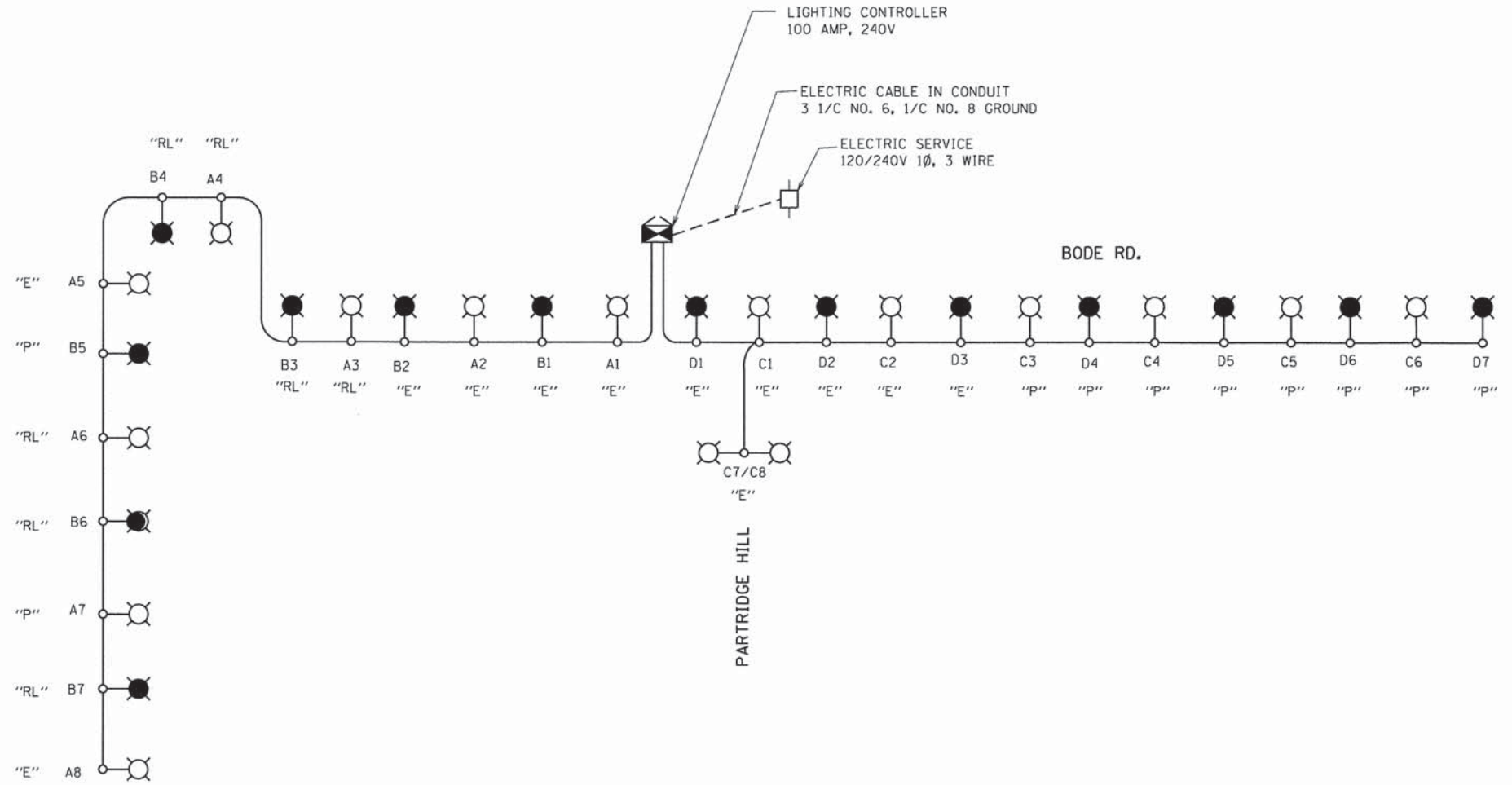
<b>BODE ROAD AND SALEM DRIVE STP PROJECT</b> <b>LIGHTING - BODE ROAD</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	69
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61A72	



**LOAD TABULATION**

CIRCUIT	RED		CIRCUIT	BLACK	
	AMPS @ 120V	WATTS		AMPS @ 120V	WATTS
A	4.24	800	B	3.71	600
C	4.24	800	D	3.71	700
E	SPARE	SPARE	F	SPARE	SPARE
G	SPARE	SPARE	H	SPARE	SPARE
TOTAL	8.48	1600	TOTAL	7.42	1300
TOTAL LOAD 15.9A					



**LEGEND**

- 100 WATT LED LUMINAIRE, 120V, RED CIRCUIT
- 100 WATT LED LUMINAIRE, 120V, BLACK CIRCUIT
- UNIT DUCT 3 1/4" #6 WITH 1/2" #8 GROUND 1 1/4" DIA. POLYTHYLENE
- LIGHTING CONTROLLER
- POWER POLE
- "E" EXISTING LIGHTING UNIT
- "P" PROPOSED LIGHTING UNIT
- "RL" RELOCATED LIGHTING UNIT

COMPANY NAME: #COMPANYNAME#  
 PROJECT CONTACT: #PROJECTCONTACTS#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE# #TIME#  
 FILE NAME: #FILES#  
 PLOT NUMBER: #PLOTNUMBER#  
 PLOT TABLE: #PLOTTABLES#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REVDATE#
FILE NAME = #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

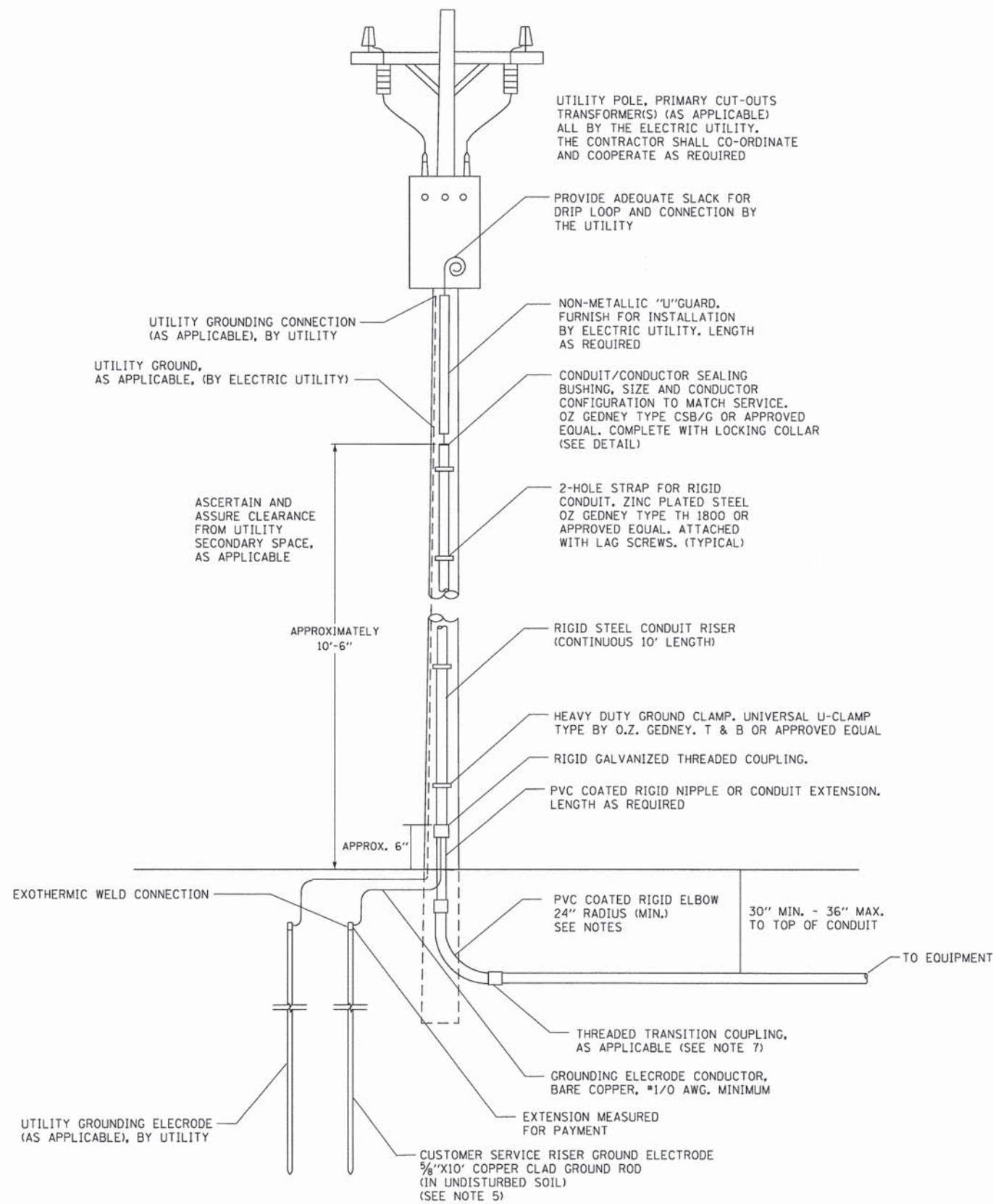
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BODE ROAD AND SALEM DRIVE STP PROJECT  
 WIRING DIAGRAM - BODE ROAD**

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

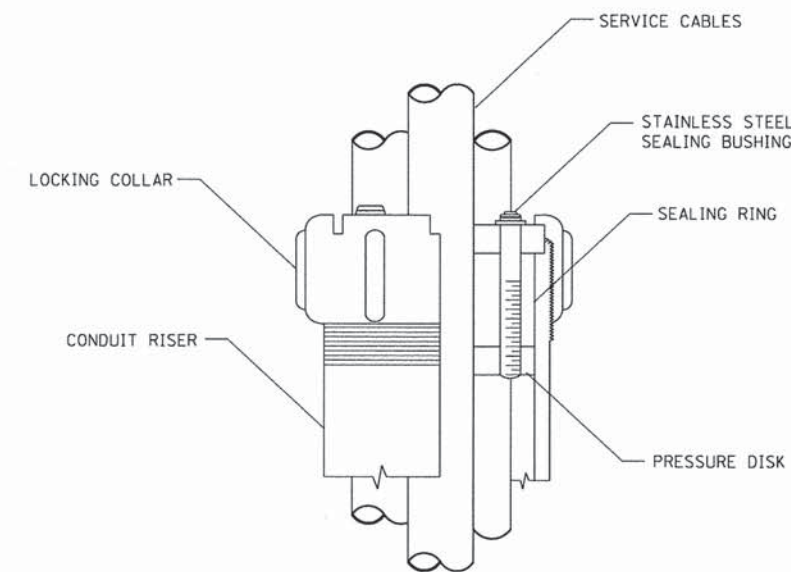
F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 70
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 61A72	

LT-5



**NOTES:**

- SERVICE VOLTAGE SHALL BE 120/240V AS INDICATED ON SHEET LTG-02 AND 04.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF ELECTRIC UTILITY SERVICE INSTALLATION.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACK FILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE SERVICE METER SOCKET, AS APPLICABLE, MOUNTED ELSEWHERE AS INDICATED SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRICAL UTILITY SERVICE INSTALLATION PAY ITEM.
- THE SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALLIC TO NON METALLIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



**SEALING BUSHING DETAIL**

COMPANY NAME: #COMPANY\_NAME#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE# #TIME#  
 FILE NAME: #FILES#  
 PLOT DRIVER: #PLOT\_DRIVER#  
 PEN TABLE: #PEN\_TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REV1DATE#
FILE NAME = #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**BODE ROAD AND SALEM DRIVE STP PROJECT  
 ELECTRIC SERVICE INSTALLATION ABOVE GROUND (BE-220)**

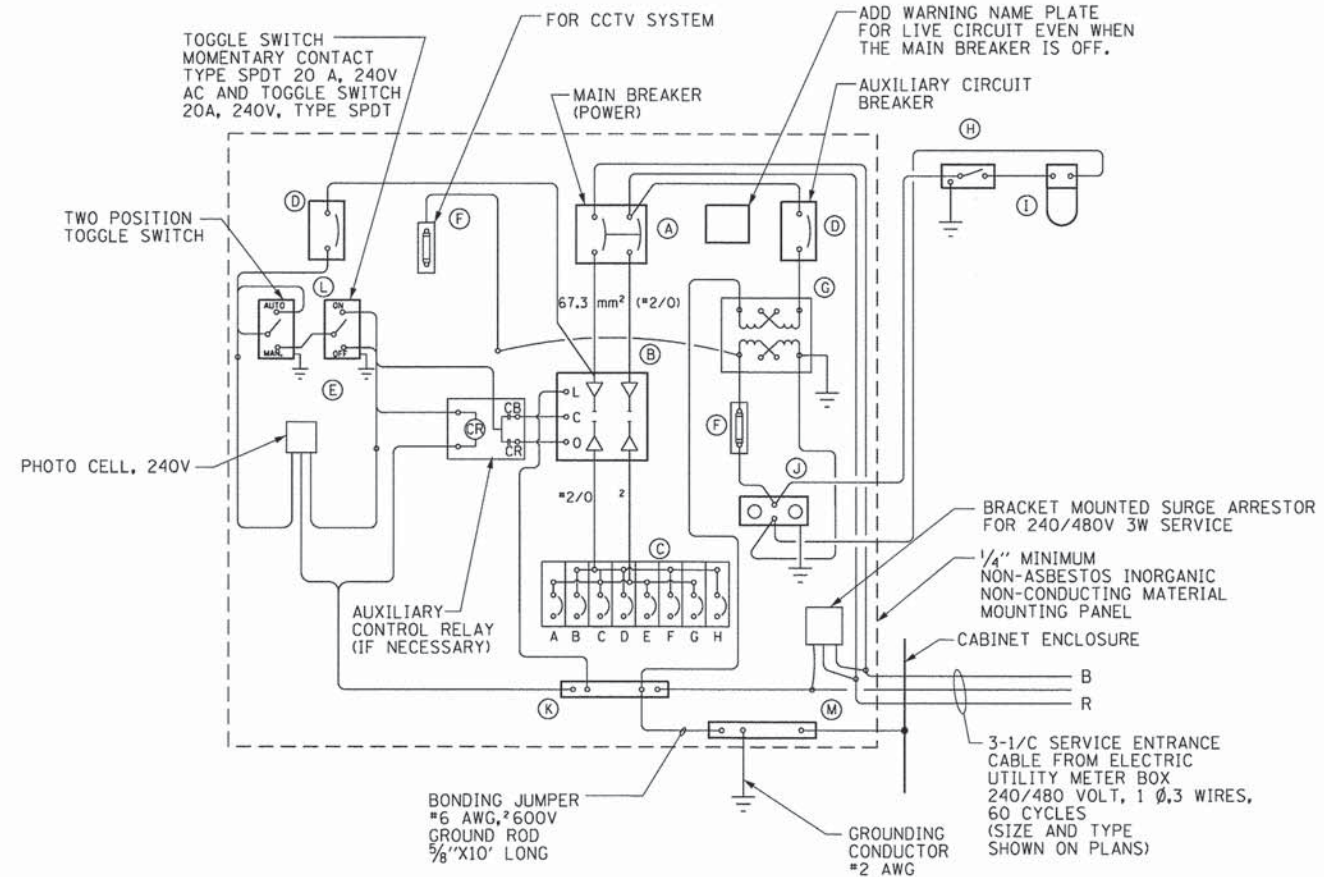
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	71
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61A72	

PANEL EQUIPMENT

BILL OF MATERIAL

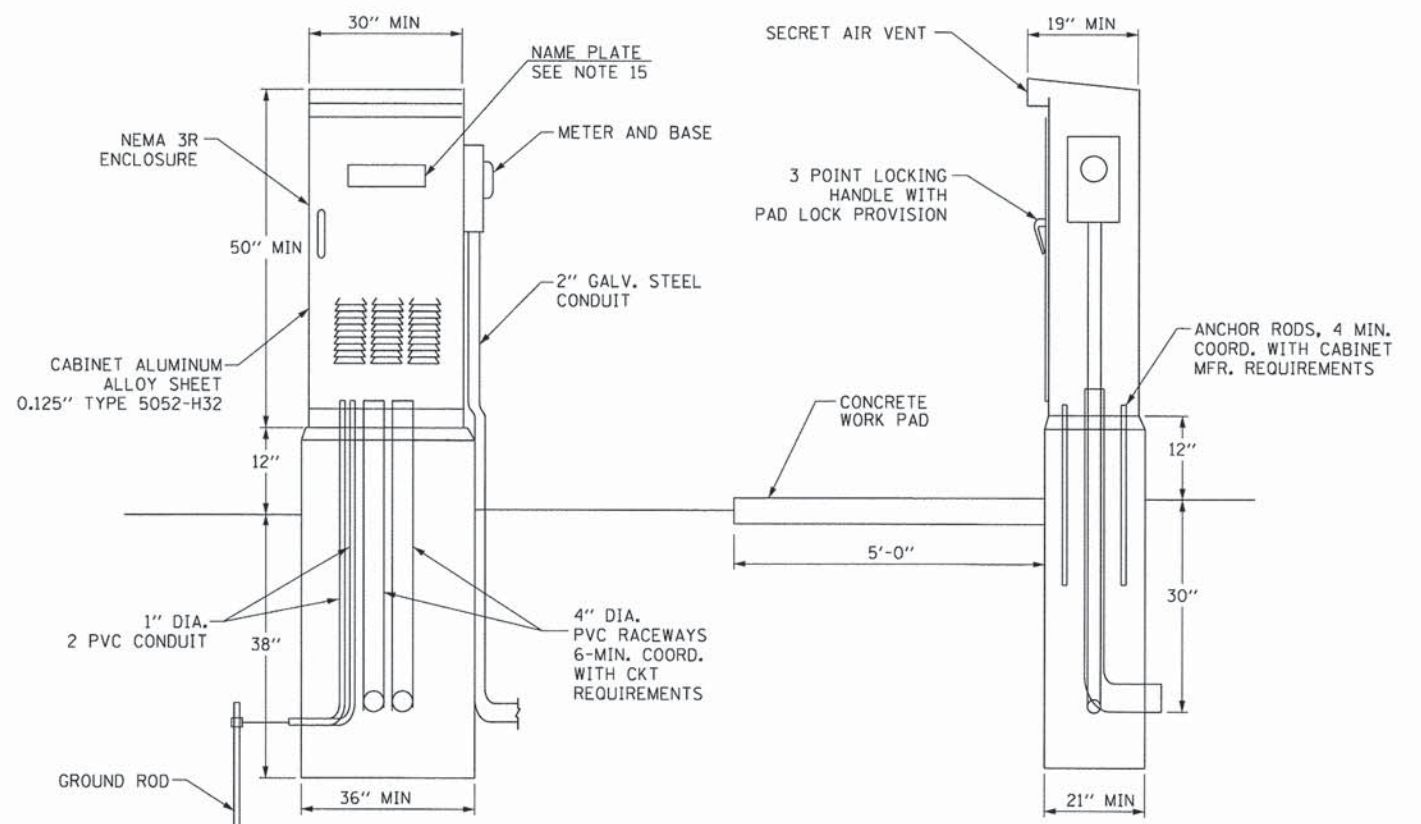
ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100AMP. FRAME, 100AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUITS 240 VOLT, ASCO 920.
C	10	CIRCUIT BREAKERS, 1 POLE, 240V., 100AMP. FRAME 50AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100AMP. FRAME, 15AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22,000 AMP. AT 240 V.
E	1	PHOTECCELL, 240V
F	2	20A., 120 FUSE
G	1	1.5KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240X480/120X240 VOLT, 60 HZ
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN.
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER NEUTRAL BUS 6.35 mm (1/4") X 25.4 mm (1") X 304.8 mm (12") LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS.
L	1	TOGGLE SWITCHES MOUNTED IN 101.6 mm (4") X 101.6 mm (4") BOX.
M	1	COPPER GROUND BUS 6.35 mm (1/4") X 25.4 (1") X 304.8 mm (12") LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS.
N	1	SURGE ARRESTOR



WIRING DIAGRAM

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 6.35 mm (1/4") DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.  
R = RED BL = BLUE W = WHITE  
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 304.8 mm (12") X 406.4 mm (16") STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "VILLAGE OF HOFFMAN ESTATES" UNLESS OTHERWISE SPECIFIED.
- SERVICE DISCONNECT SHOULD HAVE UL LABEL AND THE EQUIPMENT SHOULD BE SUITABLE FOR SERVICE ENTRANCE EQUIPMENT.
- ITEMS A THROUGH N SHOWN IN THE BILL OF MATERIAL SHALL BE INCLUDED IN THE COST OF LIGHTING CONTROLLER.



COMPANY NAME: AMES Engineering, Inc.  
PROJECT CONTACT: CONSULTING ENGINEERS  
CLIENT: STATE OF ILLINOIS  
DATE PLOTTED: 08-18-14  
PLOT NUMBER: 61A72  
PEN TABLE: 61A72

AMES Engineering, Inc.  
CONSULTING ENGINEERS  
5413 Walnut Avenue, Suite 2F  
Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REVDATE#
FILE NAME = #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

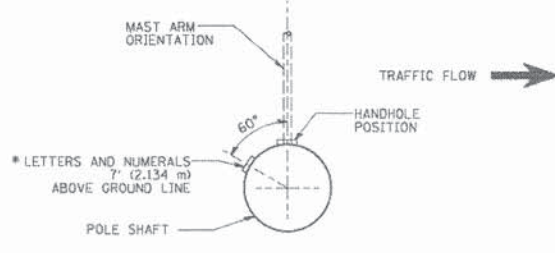
BODE ROAD AND SALEM DRIVE STP PROJECT  
LIGHTING CONTROLLER

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

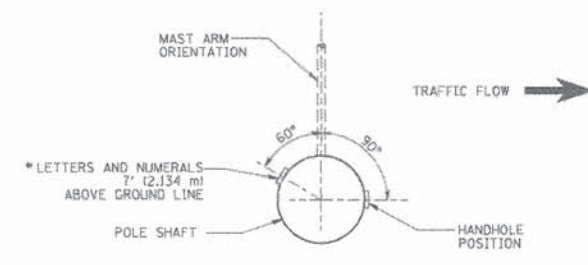
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	72
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61A72	

LT-7

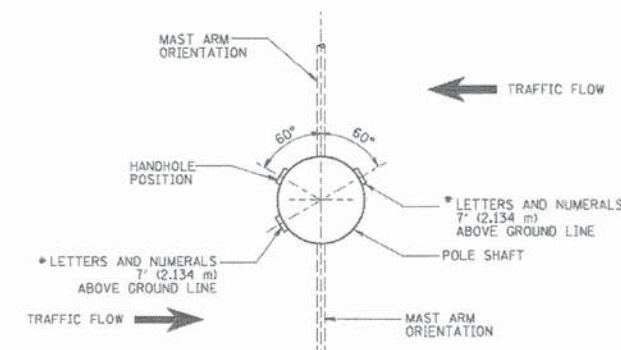




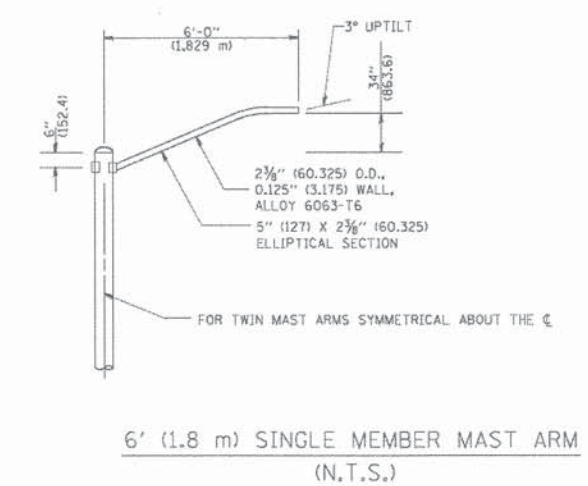
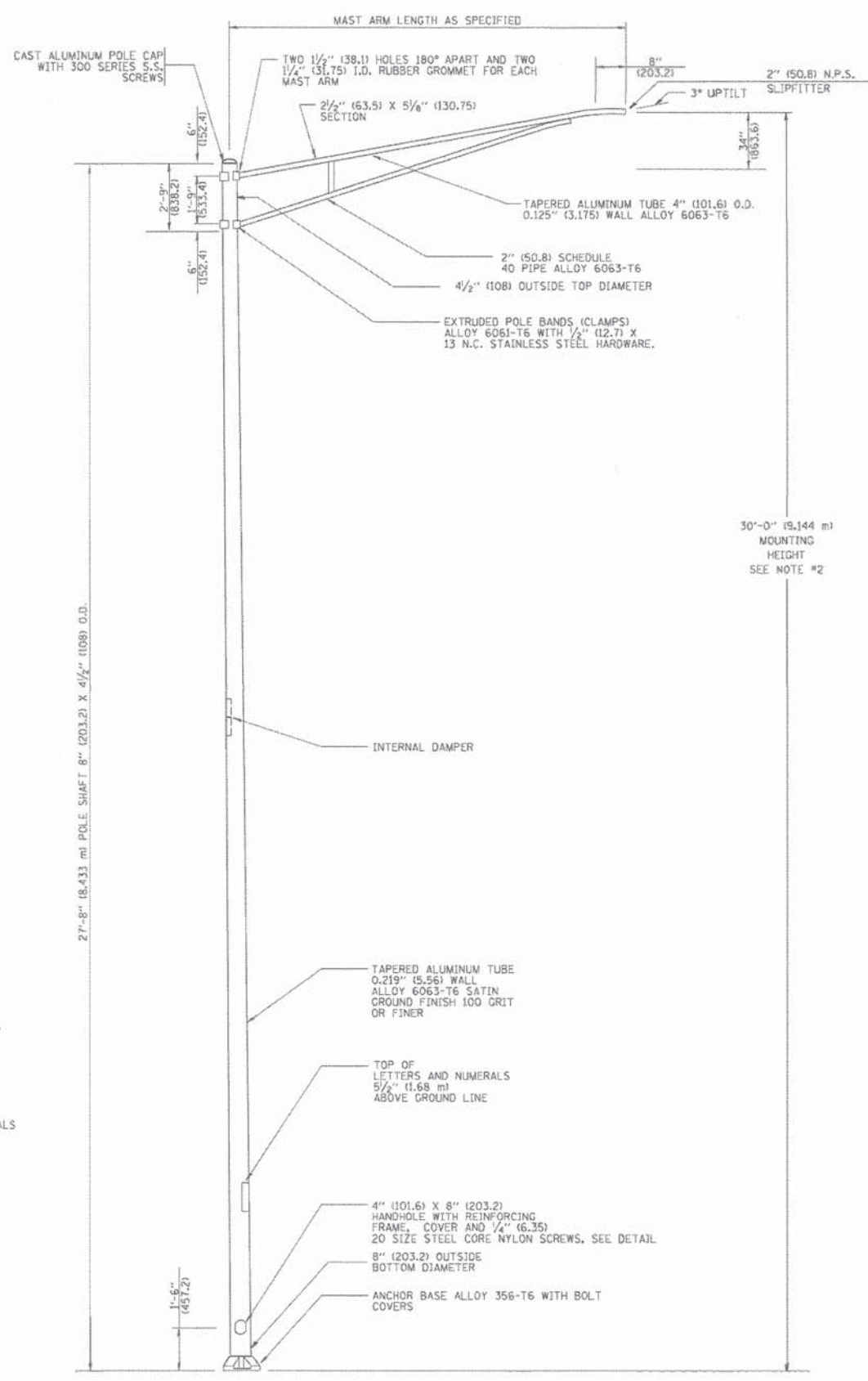
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES

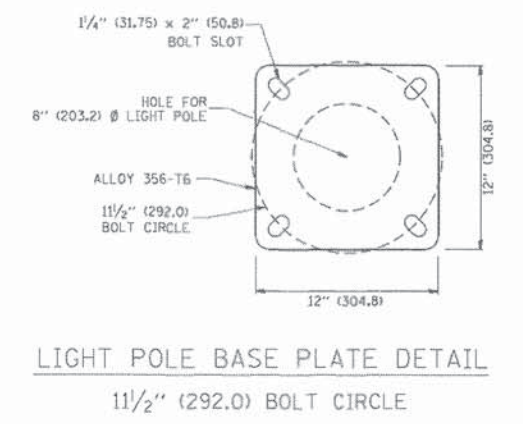


POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES

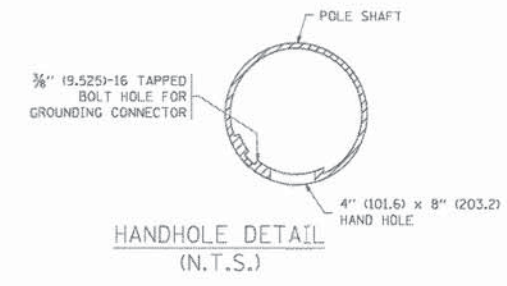


6' (1.8 m) SINGLE MEMBER MAST ARM (N.T.S.)

- NOTES:**
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
  2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENDON TO THE BOTTOM OF THE ANCHOR BASE.
  3. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
  4. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY X2C25, T&B SP4DL OR APPROVED EQUAL.
  5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
  6. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
  7. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



LIGHT POLE BASE PLATE DETAIL 1 1/2" (292.0) BOLT CIRCLE



HANDHOLE DETAIL (N.T.S.)

COMPANY NAME: #COMPANY#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE#  
 FILE NAME: #FILE#  
 PLOT DRIVER: #PLOT\_DRIVER#  
 PEN TABLE: #PEN\_TABLE#

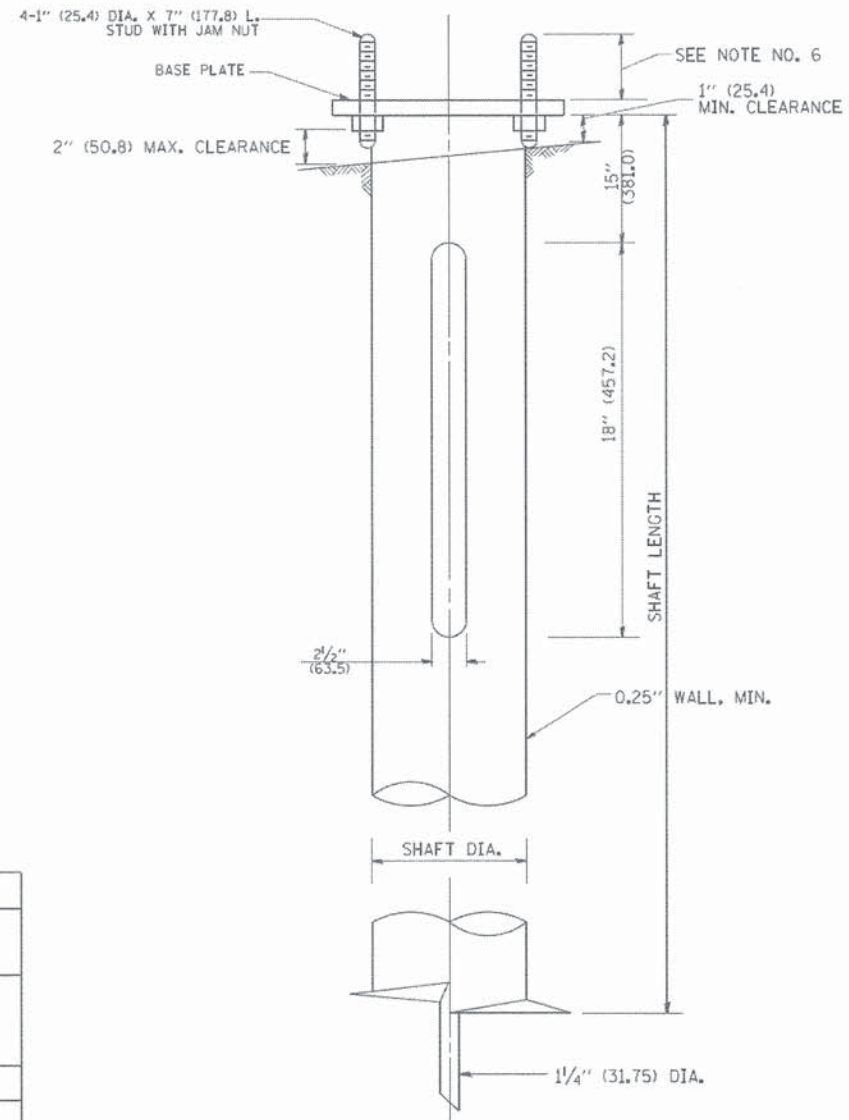
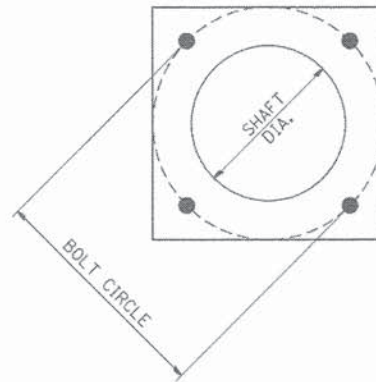
**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REV1DATE#
FILE NAME = #FILE#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BODE ROAD AND SALEM DRIVE STP PROJECT  
 LIGHTING CONTROLLER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	73
CONTRACT NO. 61A72				



**NOTES:**

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS ( $\pm 1^\circ$ ) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC ( $\pm 0.188$ ) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC ( $\pm 0.125$ ) AND IN LINE ( $\pm 2^\circ$ ).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

**HELIX FOUNDATION SIZE**

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11 1/2"	8 5/8"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
41 FT.-45 FT.	15"	8 5/8"	6 FT.	15"x15"x1 1/4"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1 1/4"

**METAL HELIX FOUNDATION MATERIALS**

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

COMPANY NAME: #COMPANY#  
 PROJECT CONTACT: #PROJECT\_CONTACT#  
 CLIENT: #CLIENT#  
 DATE PLOTTED: #DATE#  
 FILE NAME: #FILE#  
 PLOT DRIVER: #PLOT\_DRIVER#  
 PEN TABLE: #PEN\_TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 5413 Walnut Avenue, Suite 2F  
 Downers Grove, IL 60515

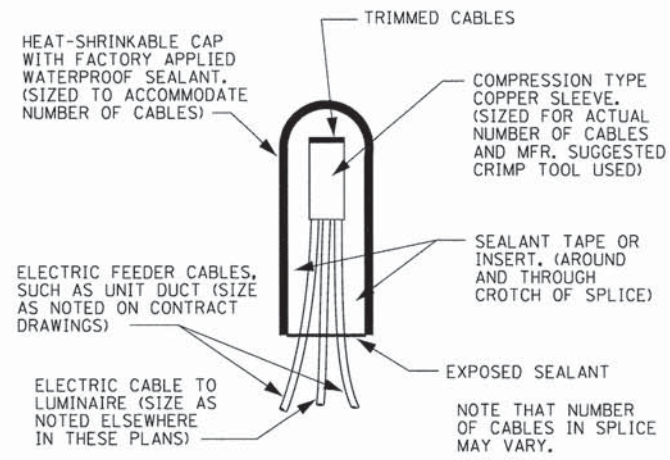
USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REVDATE#
FILE NAME = #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

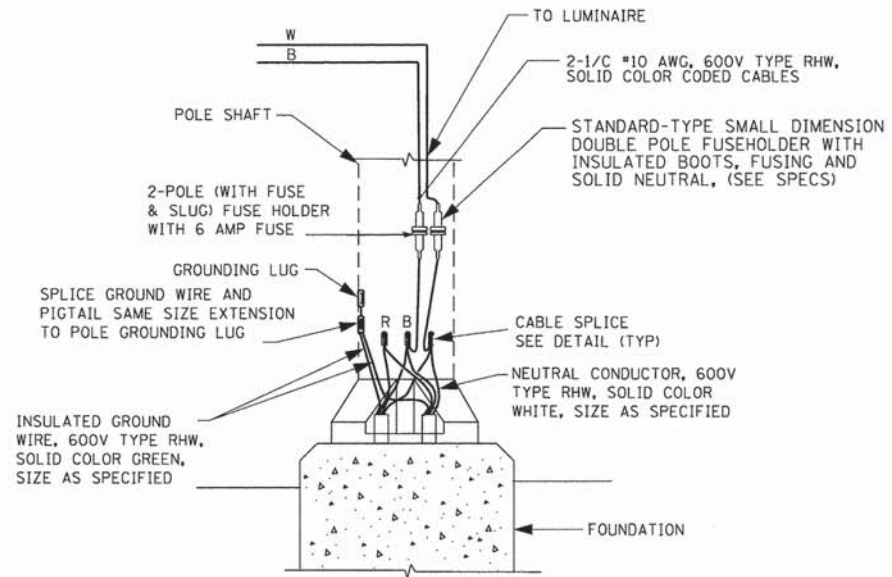
**BODE ROAD AND SALEM DRIVE STP PROJECT  
 LIGHTING DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	74
CONTRACT NO: 61A72				



SPLICING DETAIL  
N.T.S.



POLE BASE WIRING DIAGRAM  
SINGLE MAST ARM  
N.T.S.

COMPANY NAME: #COMPANY NAME#  
PROJECT CONTACT: #PROJECT CONTACT#  
CLIENT: #CLIENT#  
DATE PLOTTED: #DATE# #TIME#  
FILE NAME: #FILES#  
PLOT DRIVER: #PLOT.DRV#  
PEN TABLE: #PEN TABLE#

**AMES Engineering, Inc.**  
CONSULTING ENGINEERS  
5413 Walnut Avenue, Suite 2F  
Downers Grove, IL 60515

USER NAME = #USER#	DESIGNED - BL	REVISED - #REV1# #REV1DATE#
FILE NAME = #FILES#	DRAWN - RV	REVISED - #REV2# #REV2DATE#
PLOT SCALE = #SCALE#	CHECKED - MB	REVISED - #REV3# #REV3DATE#
PLOT DATE = #DATE#	DATE - 08-18-14	REVISED - #REV4# #REV4DATE#

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BODE ROAD AND SALEM DRIVE STP PROJECT  
MISCELLANEOUS LIGHTING DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	75
FED. ROAD DIST. NO.			CONTRACT NO. 61A72	
ILLINOIS FED. AID PROJECT				

LT-10

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:41:25 AM  
 FILE NAME: 460-det01.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: standard-trans-screen-faso.tbl

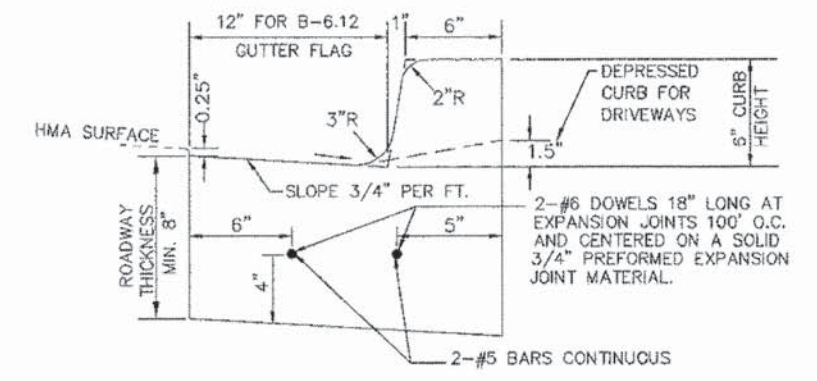


USER NAME = dstanoz	DESIGNED -	REVISED -
FILE NAME = 460-det01.dgn	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 9/4/2014	DATE = 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

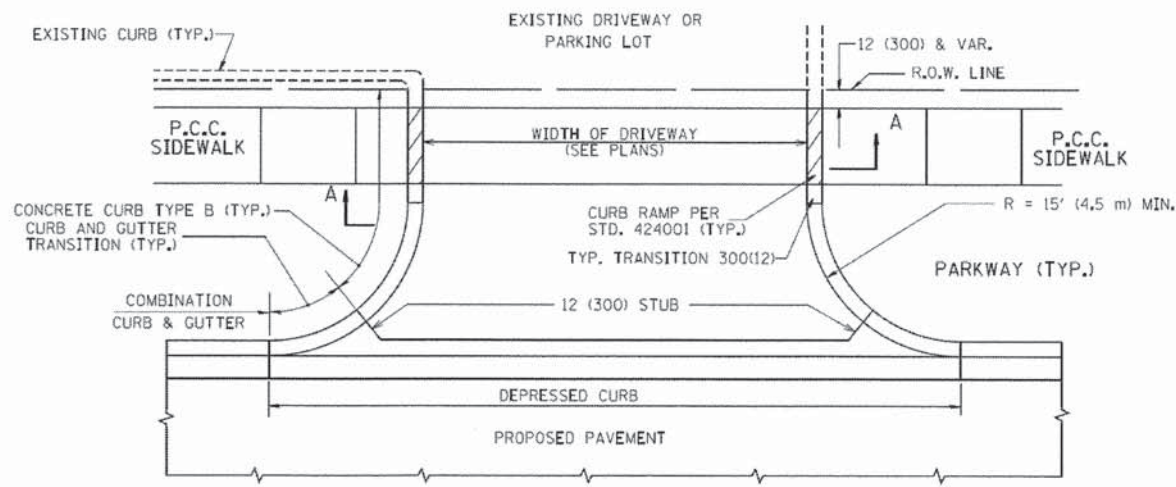
CONSTRUCTION DETAILS	
BODE ROAD	
SCALE:	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	76
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A72	

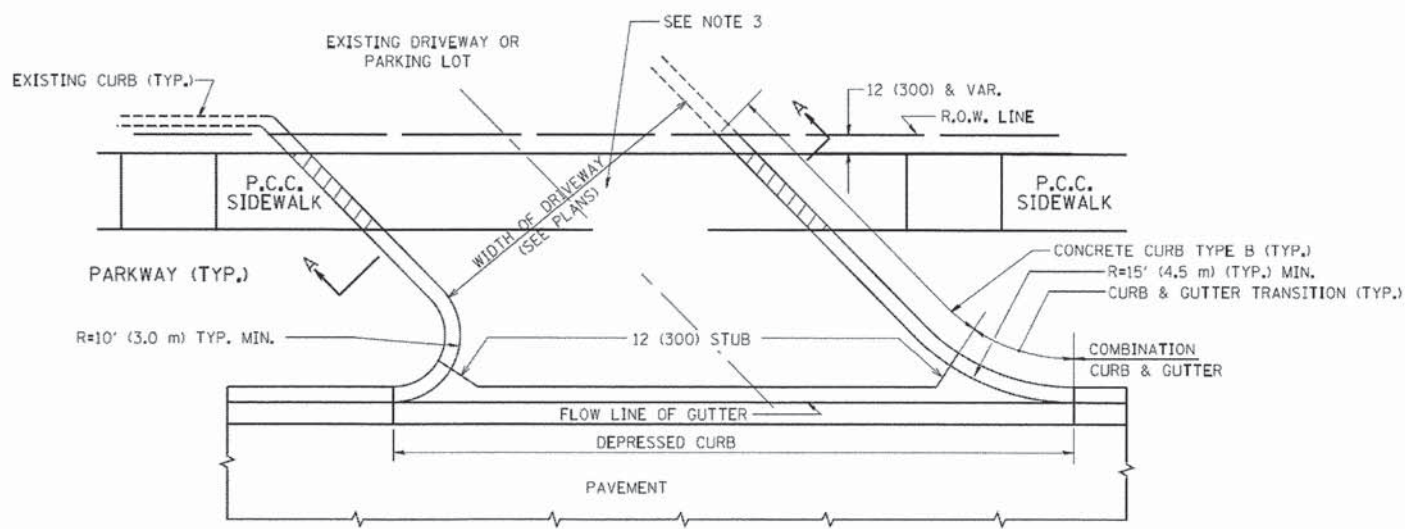


TYPE B6.12 CURB AND GUTTER (SPECIAL)

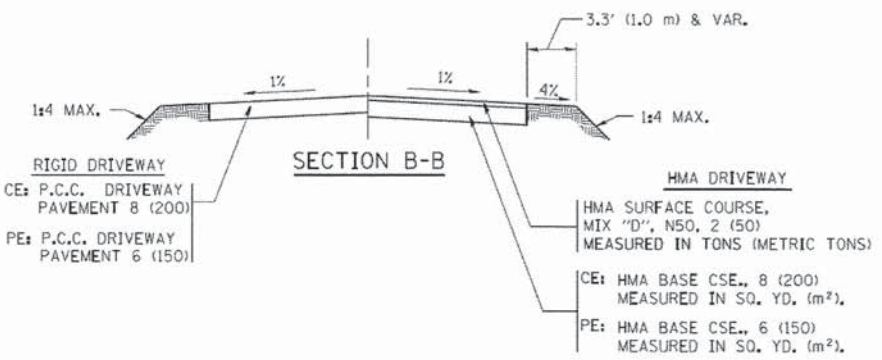
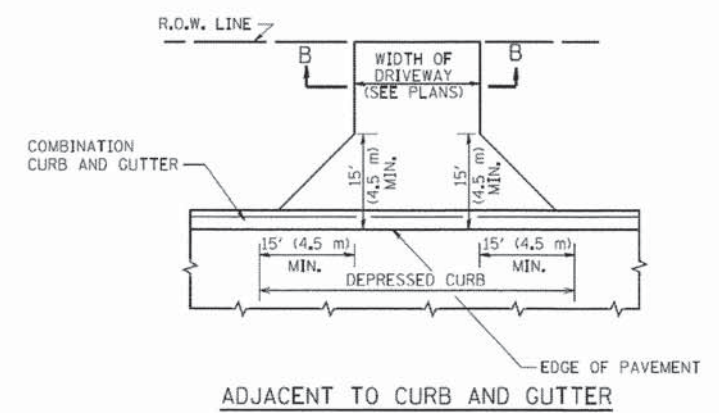
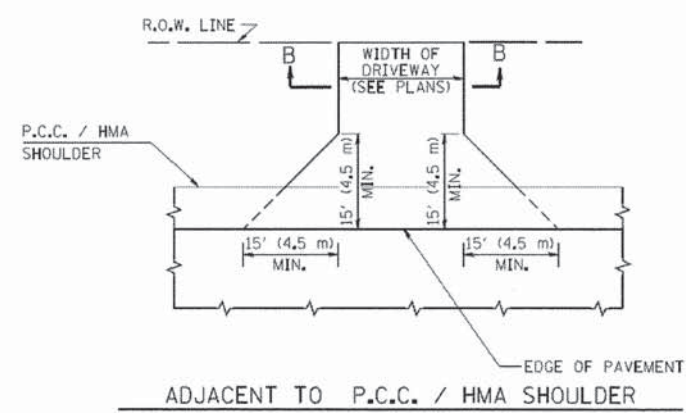
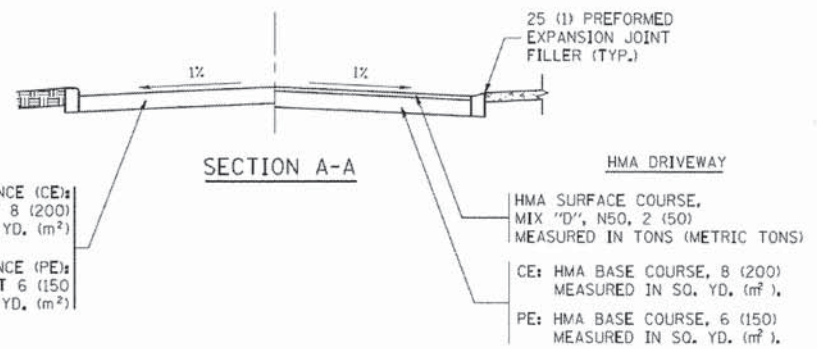
- NOTES:
- THE CURB SHALL BE DEPRESSED AT ALL APRONS AND ACROSS ALL SIDEWALK RAMPING IN ACCORDANCE WITH STANDARD 424001, 424011, 424021 AND ADA GUIDELINES.
  - CONTRACTION JOINTS TO BE TOOLED OR SAWCUT EVERY 15' TO A DEPTH OF 1.5".
  - EXPANSION JOINTS SHALL BE DEPRESSED AT THE BEGINNING AND END OF ALL RETURN RADII, 5 FEET EITHER SIDE OF A DRAINAGE STRUCTURE, AT THE END OF A DAY'S POUR, AND/OR AT SPACING NOT TO EXCEED 100 FEET.
- NOTE: ALL ITEMS LISTED ARE CONSIDERED INCLUDED TO THE APPLICABLE PAY ITEM.



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)  
HMA SURFACE COURSE,  
MIX "D", N50, 2 (50)  
MEASURED IN TONS (METRIC TONS)  
AGGREGATE BASE CSE., TYPE B, 8 (200)  
MEASURED IN SQ. YD. (m<sup>2</sup>).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

COMPANY NAME: COOK  
PROJECT CONTACT: 9/4/2014 11:47:31 AM  
CLIENT: 460-06102.dgn  
DATE PLOTTED: 9/4/2014 11:47:31 AM  
FILE NAME: 460-06102.dgn  
PLOT DATE: 9/4/2014  
PEN TABLE: 460-06102.dgn

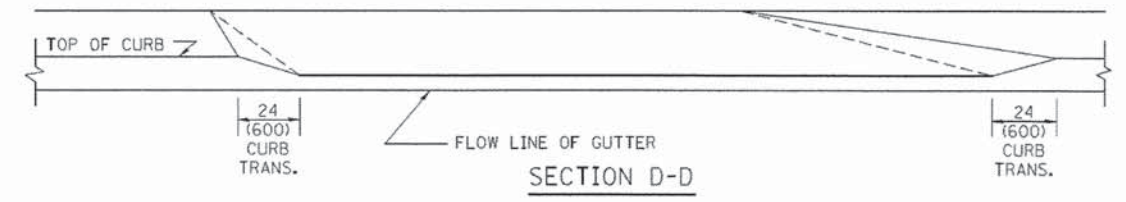
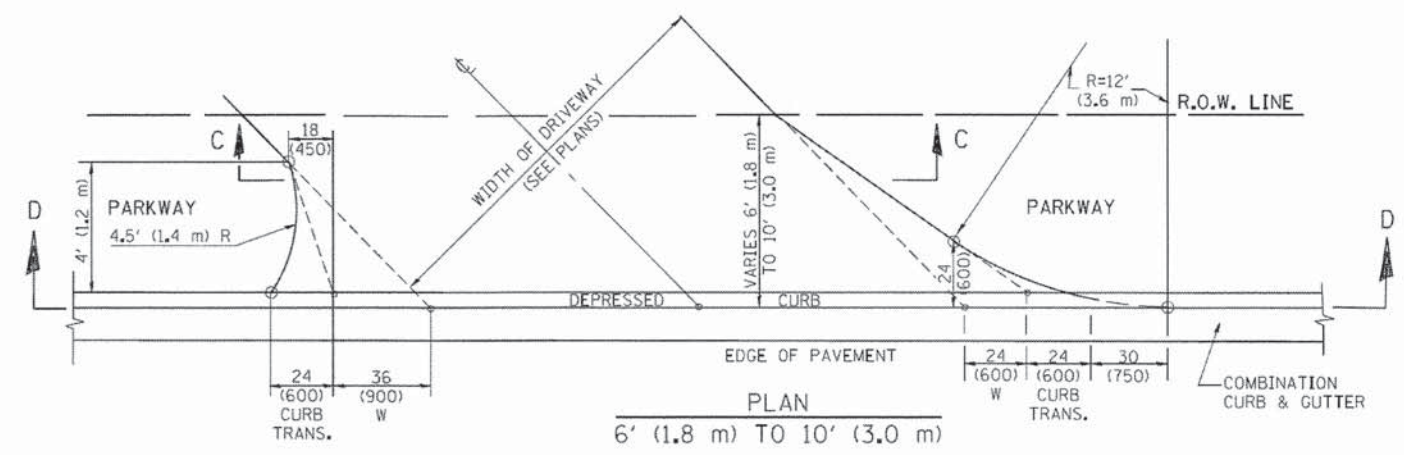
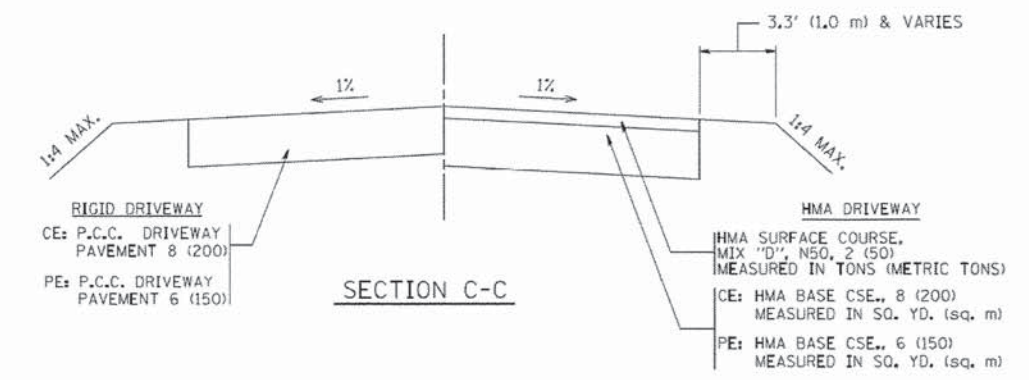
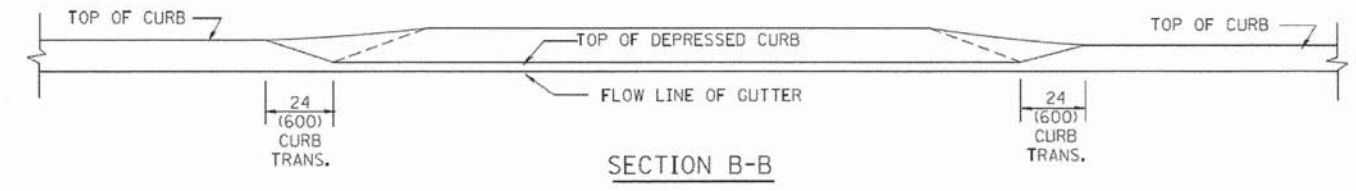
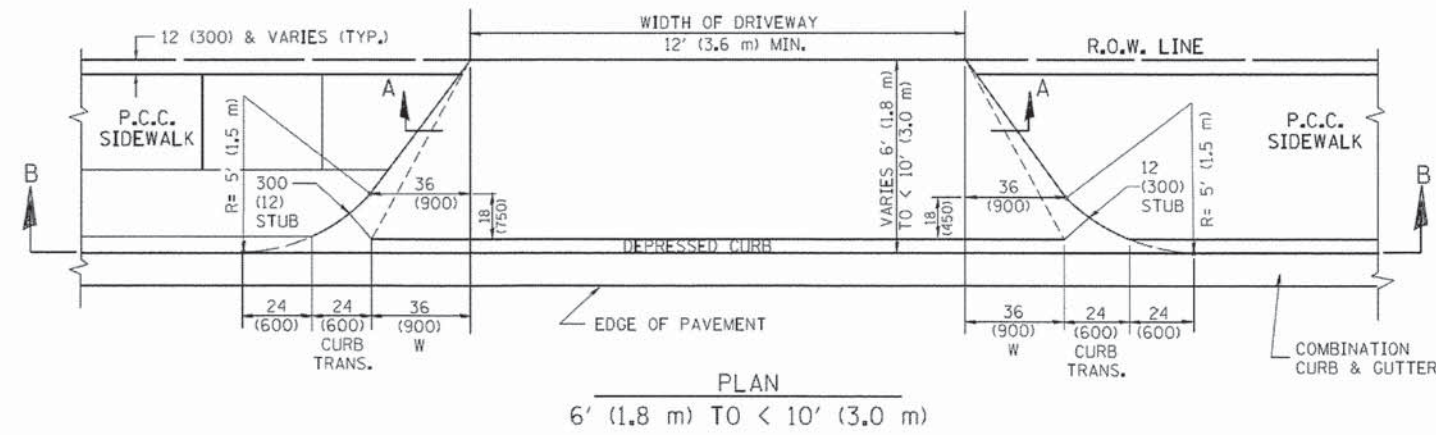
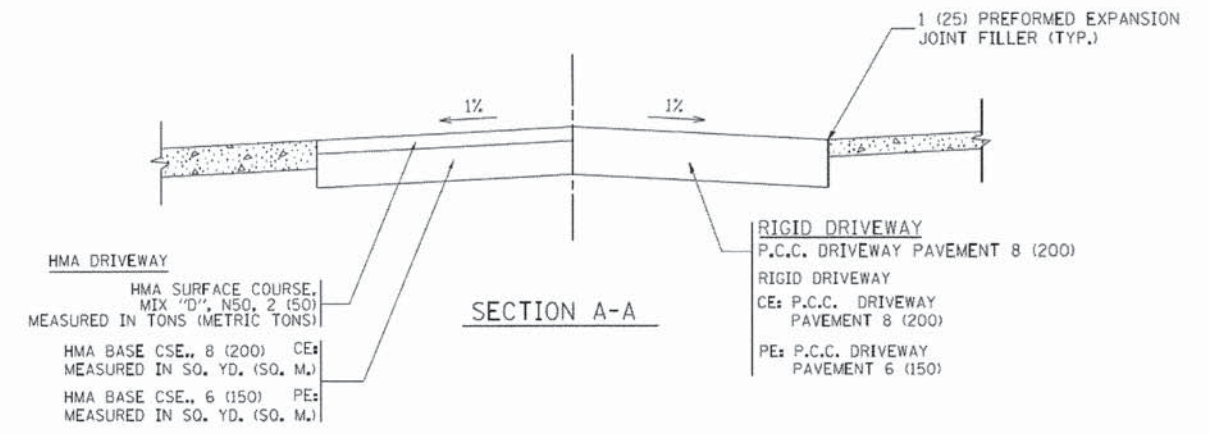
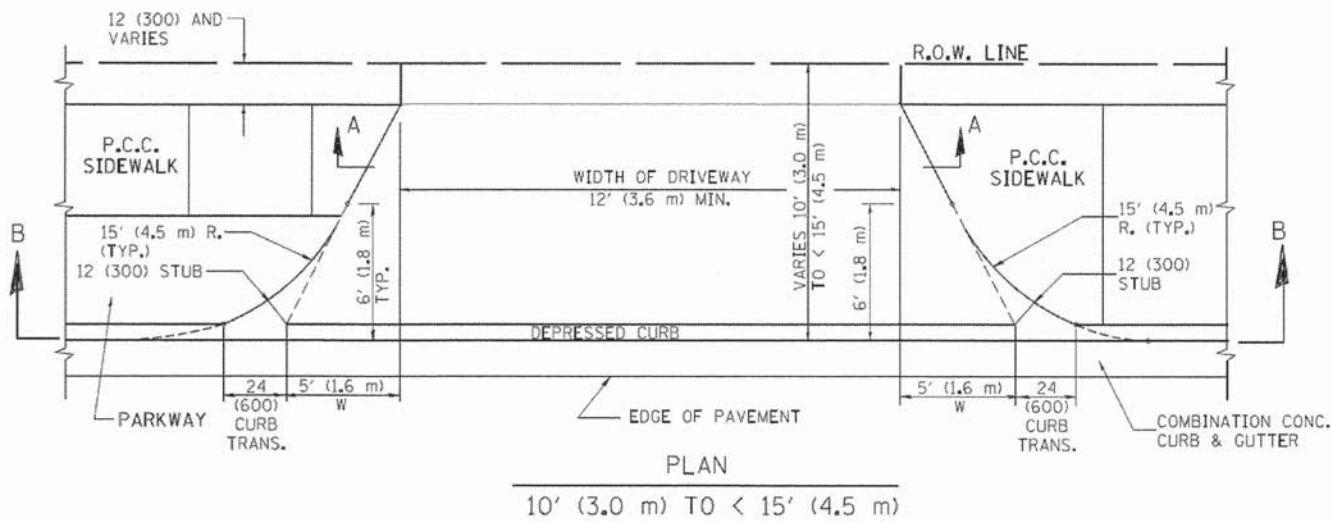
FILE NAME =	USER NAME = lveysa	DESIGNED - R. SHAH	REVISED - P. LofLUER 04-15-03
ca:\pwork\pwork\lveysa\0108315\bd01.dgn		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
AND FACE OF CURB & EDGE OF SHOULDER ≥ 15' (4.5 m)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	77
BD0156-07 (BD-01)			CONTRACT NO. 61A72	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJ. CT				



**GENERAL NOTES**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

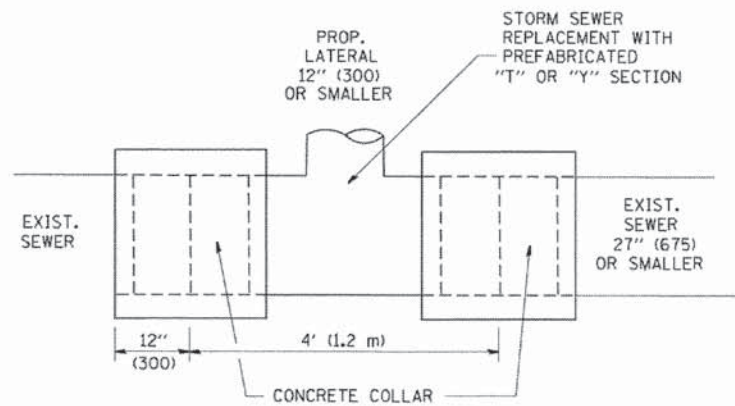
COMPANY NAME: COOK COUNTY  
PROJECT CONTACT: 9/4/2014 11:48:56 AM  
CLIENT: 460-09103.dgn  
DATE PLOTTED: 9/4/2014 11:48:56 AM  
FILE NAME: 460-09103.dgn  
PLOT DRIVER: pdf.plt  
PEN TABLE: standard.ctb

FILE NAME =	USER NAME = lgyso	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
ca:\ps_work\pav\dot\lgyso\d8108315\bd02.dgn		DRAWN -	REVISED - P. LOFLEUR 04-15-03
		CHECKED -	REVISED - R. BORO 01-01-07
		DATE - 11-06-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

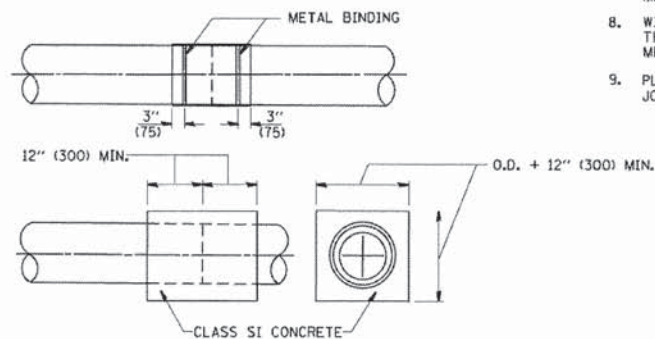
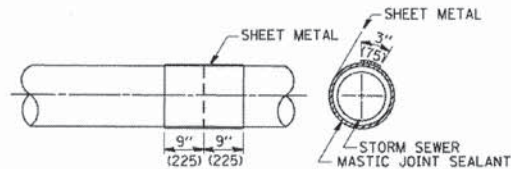
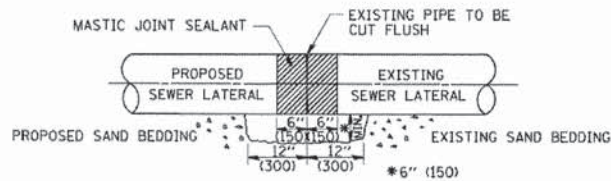
DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F&U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	78
BD400-02 (BD-02)			CONTRACT NO. 61A72	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

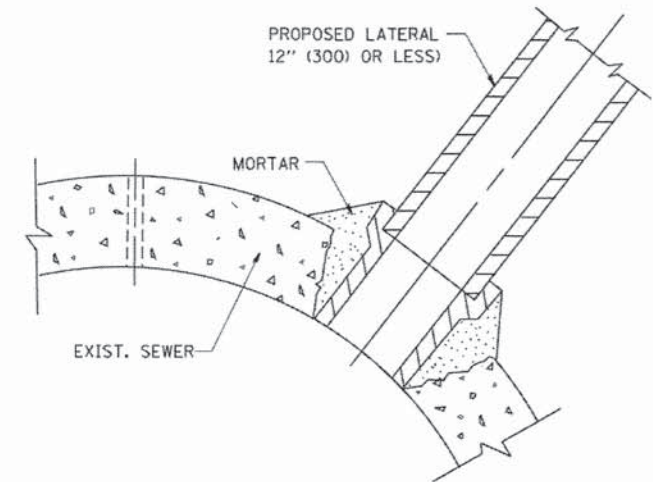


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

COMPANY NAME: COOK COUNTY DEPARTMENT OF TRANSPORTATION  
 PROJECT CONTACT: PROJECT CONTACT  
 CLIENT: PROJECT CONTACT  
 DATE PLOTTED: 9/4/2014 11:50:26 AM  
 FILE NAME: 460-08104.dgn  
 PLOT NUMBER: 1  
 PEN TABLET: 1

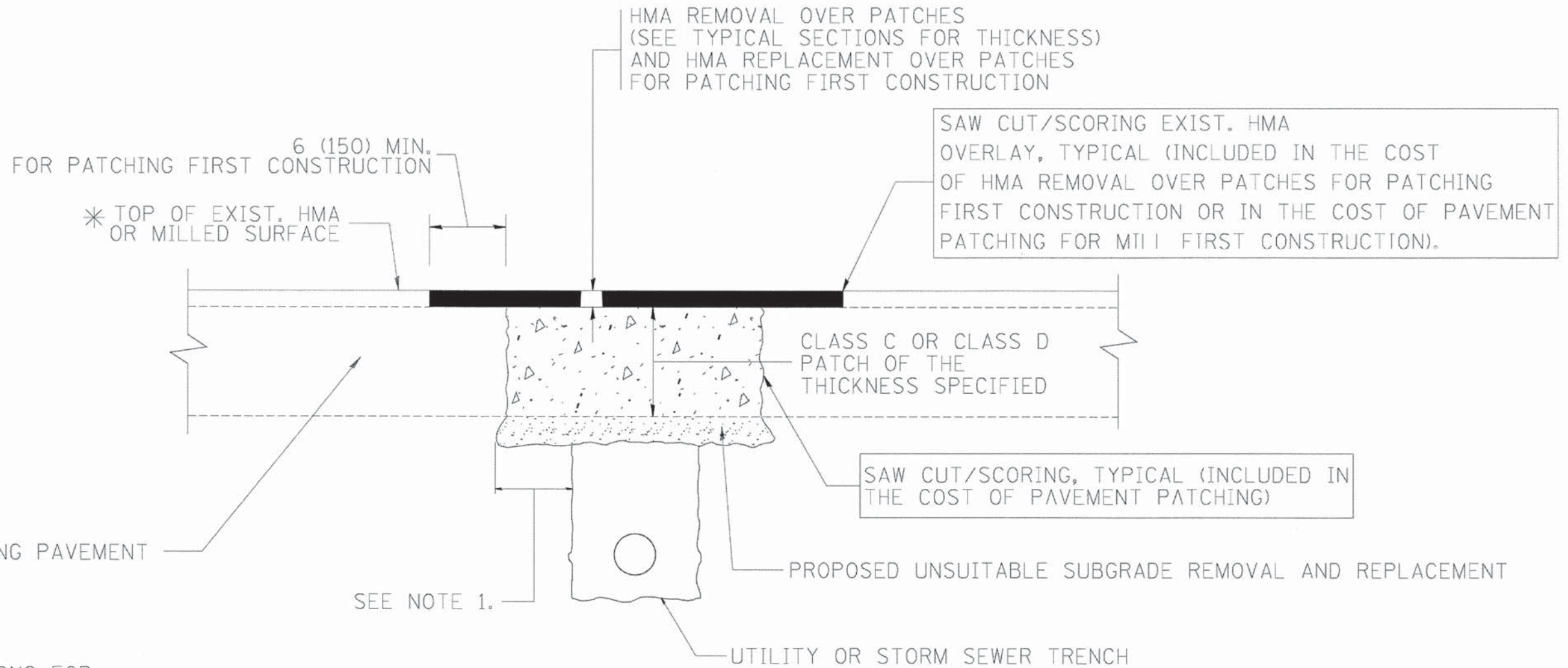
FILE NAME =	USER NAME = gaglionob	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
W:\distsid\22x34\bd07.dgn		DRAWN -	REVISED - R. SHAH 09-09-94
		PLDT SCALE = 50.0000 ' / IN.	CHECKED -
		PLDT DATE = 1/4/2008	REVISED - R. SHAH 10-25-94
		DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETAIL OF STORM SEWER  
 CONNECTION TO EXISTING SEWER**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	79
BD500-01 (BD-7)			CONTRACT NO. 61A72	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

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

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

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

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

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

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

COMPANY NAME: PROJECT CONTACT: 9/4/2014 11:52:00 AM 460-09105.dgn 460-09105.dgn

FILE NAME = es\projects\dstatd22x34\bd22.dgn	USER NAME = bawardl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 09-04-07
		DATE - 10-25-94	REVISED - K. ENG 10-27-08

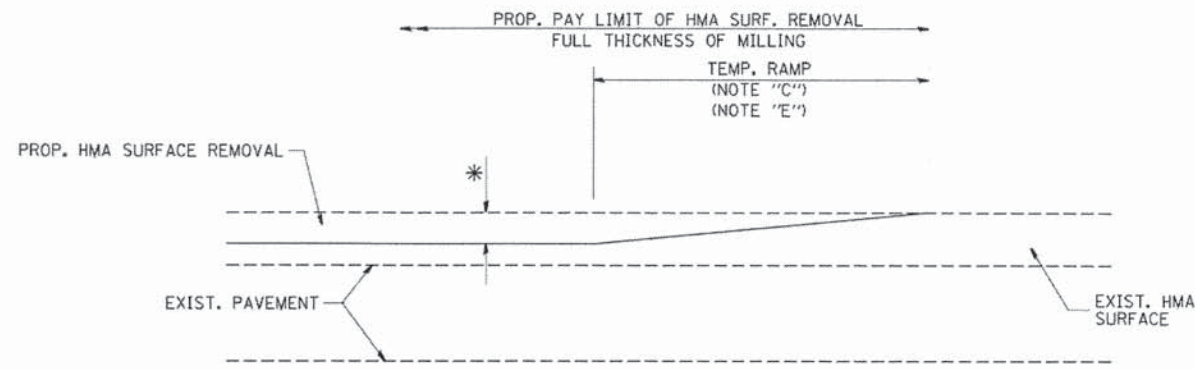
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT**

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

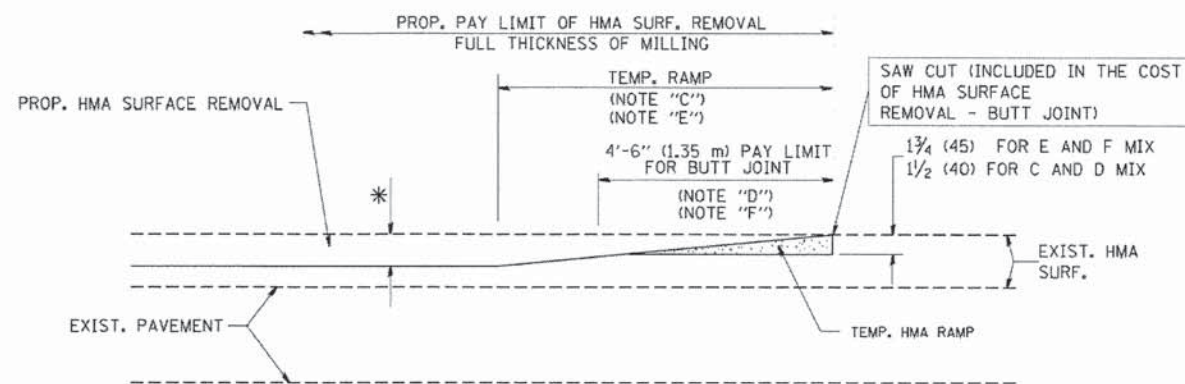
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	80
BD400-04 (BD-22)			CONTRACT NO. 61A72	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





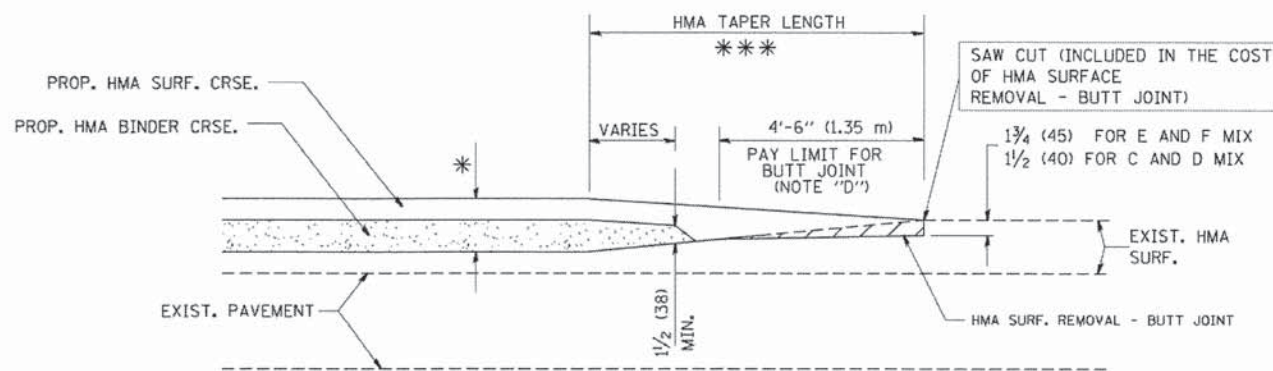
MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

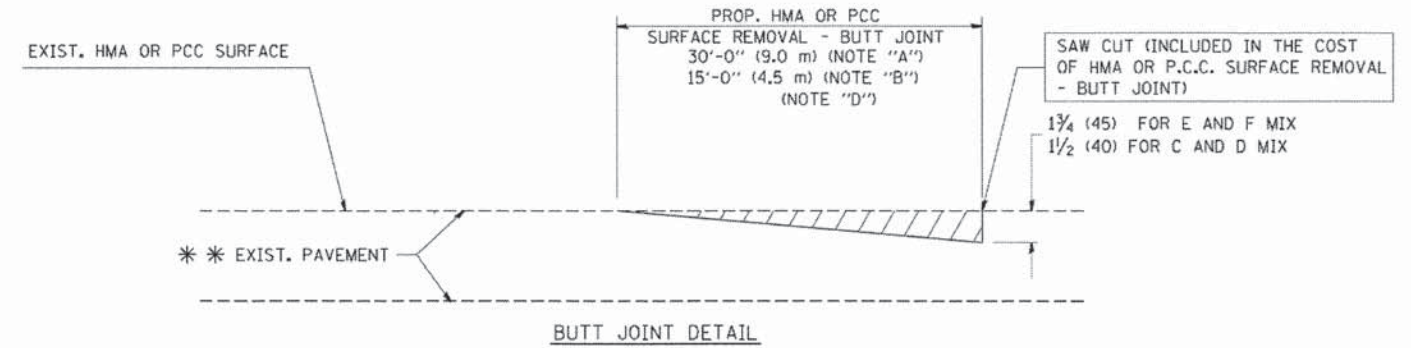


HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

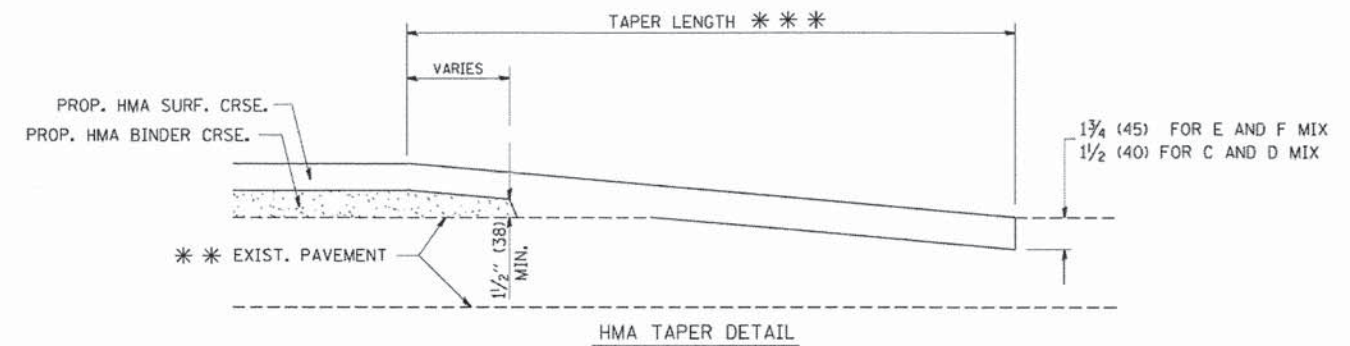
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



BUTT JOINT AND HMA TAPER  
**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \* \* \* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

COMPANY NAME:  
PROJECT CONTACT:  
CLIENT:  
DATE PLOTTED:  
FILE NAME:  
PLOT SCALE:  
PEN TABLE:

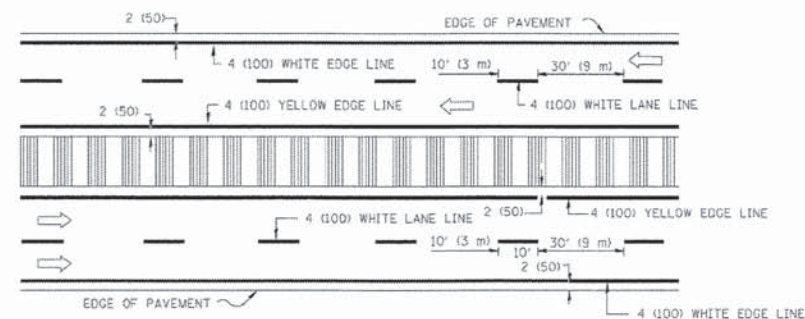
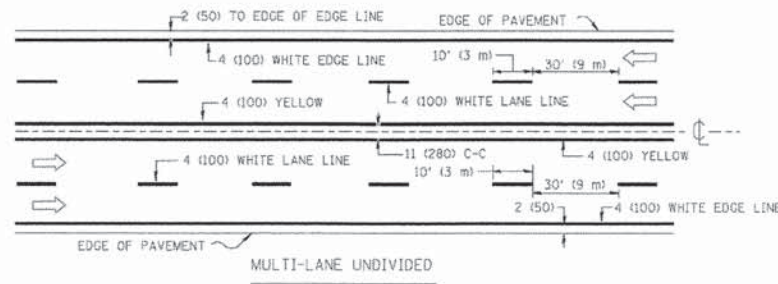
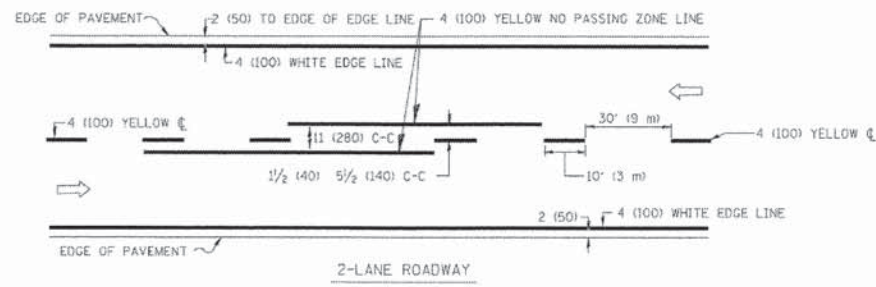
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gagl:emobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
		CHECKED -	REVISED - M. GOMEZ 04-06-01
		DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

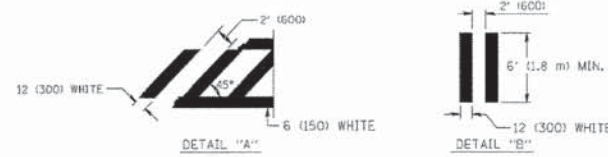
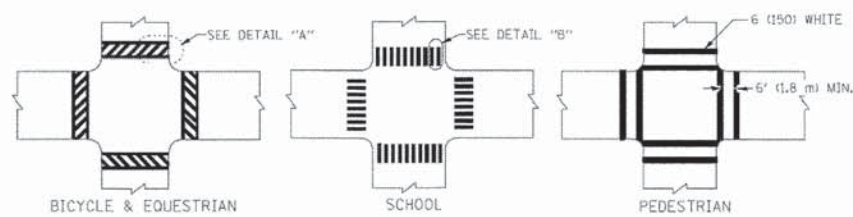
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	81
BD400-05 BD32			CONTRACT NO. 61A72	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

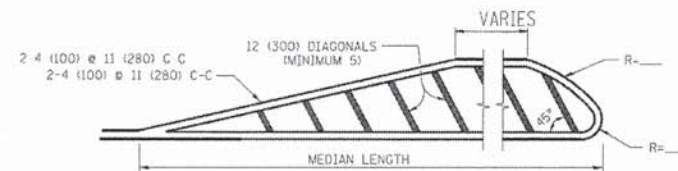
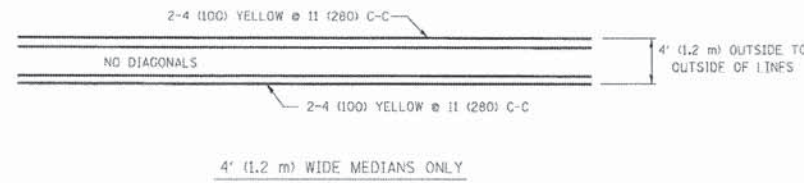


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

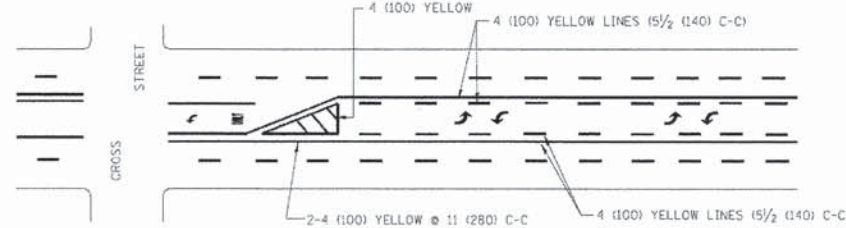


TYPICAL CROSSWALK MARKING

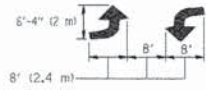


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (23 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

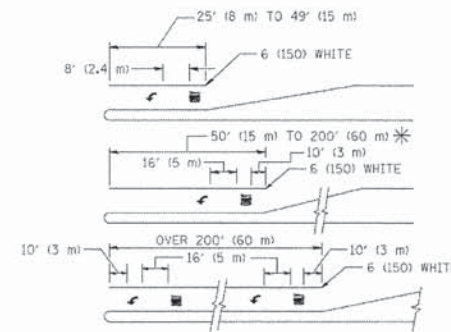


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

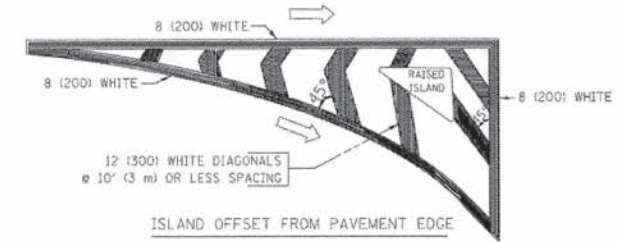


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

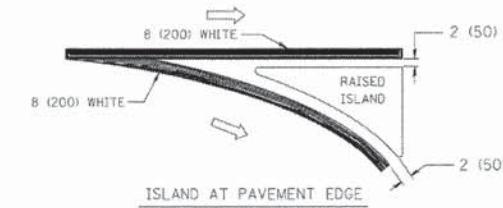
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

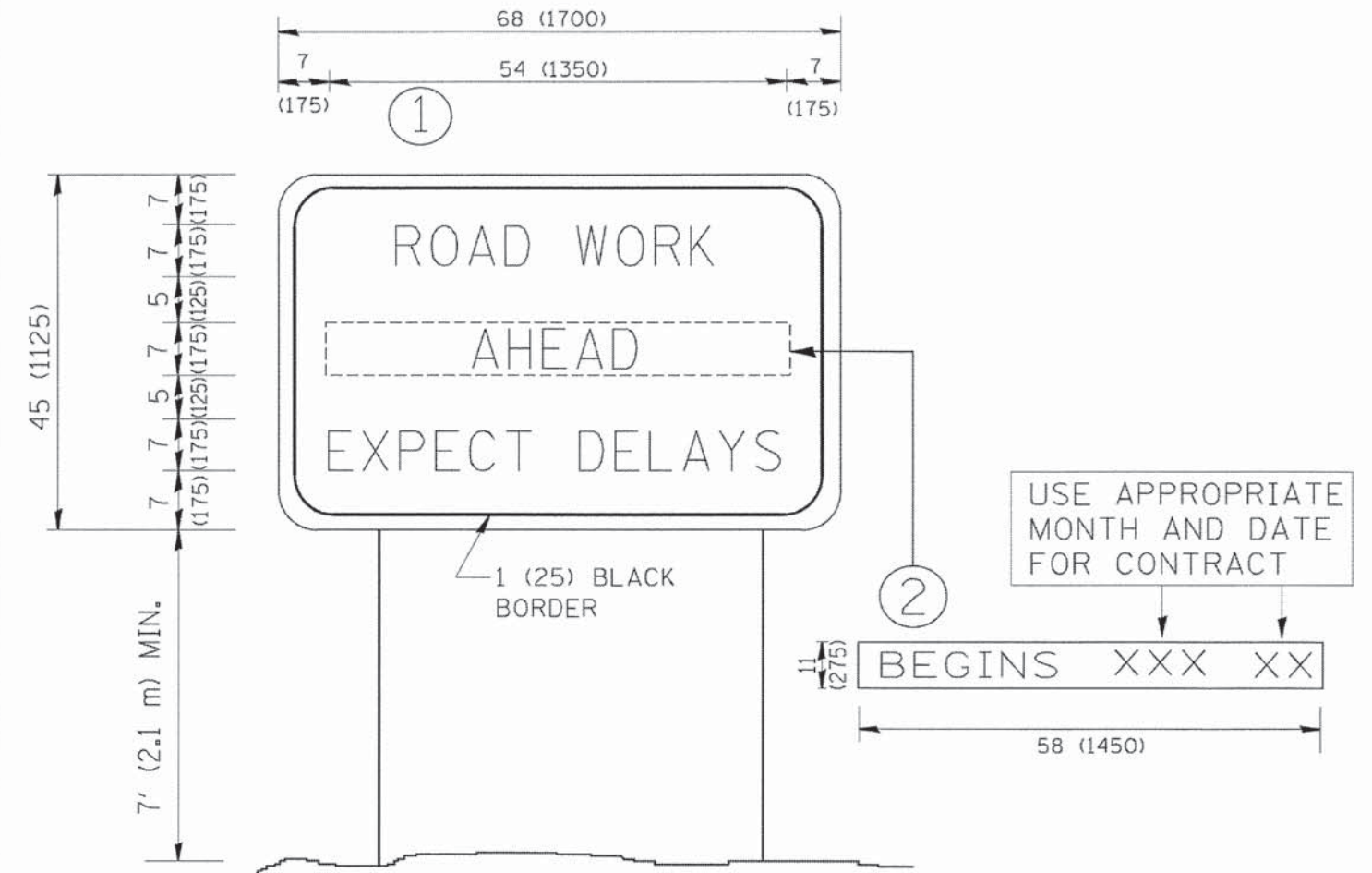
All dimensions are in inches (millimeters) unless otherwise shown.

COMPANY NAME: 9/4/2014 10:54:18 AM  
PROJECT CONTACT: 460-09103.dgn  
CLIENT: 460-09103.dgn  
DATE PLOTTED: 9/9/2009  
FILE NAME: 460-09103.dgn  
PLOT DATE: 9/9/2009  
PLOT SCALE: 50.0000 X 1 IN.  
PLOT DATE: 9/9/2009

FILE NAME =	USER NAME = drlvkosgn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
c:\p_wor\p\dot\drlvkosgn\10109315\to3.dgn		DRAWN -	REVISED -C. JUCIUS 09-09-09
		CHECKED -	REVISED -
		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		1318	09-0099-00-PV	COOK	110	82
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
		TC-13		CONTRACT NO. 61A72		



**NOTES:**

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

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

COMPANY NAME:  
PROJECT CONTACT:  
CLIENT:  
DATE PLOTTED:  
FILE NAME:  
PLOT DATE:  
PEN TABLE:

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
W:\diststd\22x34\to22.dgn	gaglianobt	-	R. MIRS 09-15-97
		DRAWN -	REVISED -
		-	R. MIRS 12-11-97
		CHECKED -	REVISED -
		-	T. RAMMACHER 02-02-99
		DATE -	REVISED -
		-	C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	83
<b>TC-22</b>		<b>CONTRACT NO. 61A72</b>		
<small>FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT</small>				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE  
 PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)  
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY  
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE  
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

COMPANY NAME: PROJECT CONTACT:  
 CLIENT: 9/4/2014 10:57:08 AM  
 DATE PLOTTED: 460-08101.dgn  
 FILE NAME: p01.tbl  
 PLOT NUMBER: standard-trans-screen-1000.tbl  
 PLOT TABLE:

FILE NAME =	USER NAME = goglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ca:\p-work\p\dot\goglianob\02108315\tp01.tbl		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

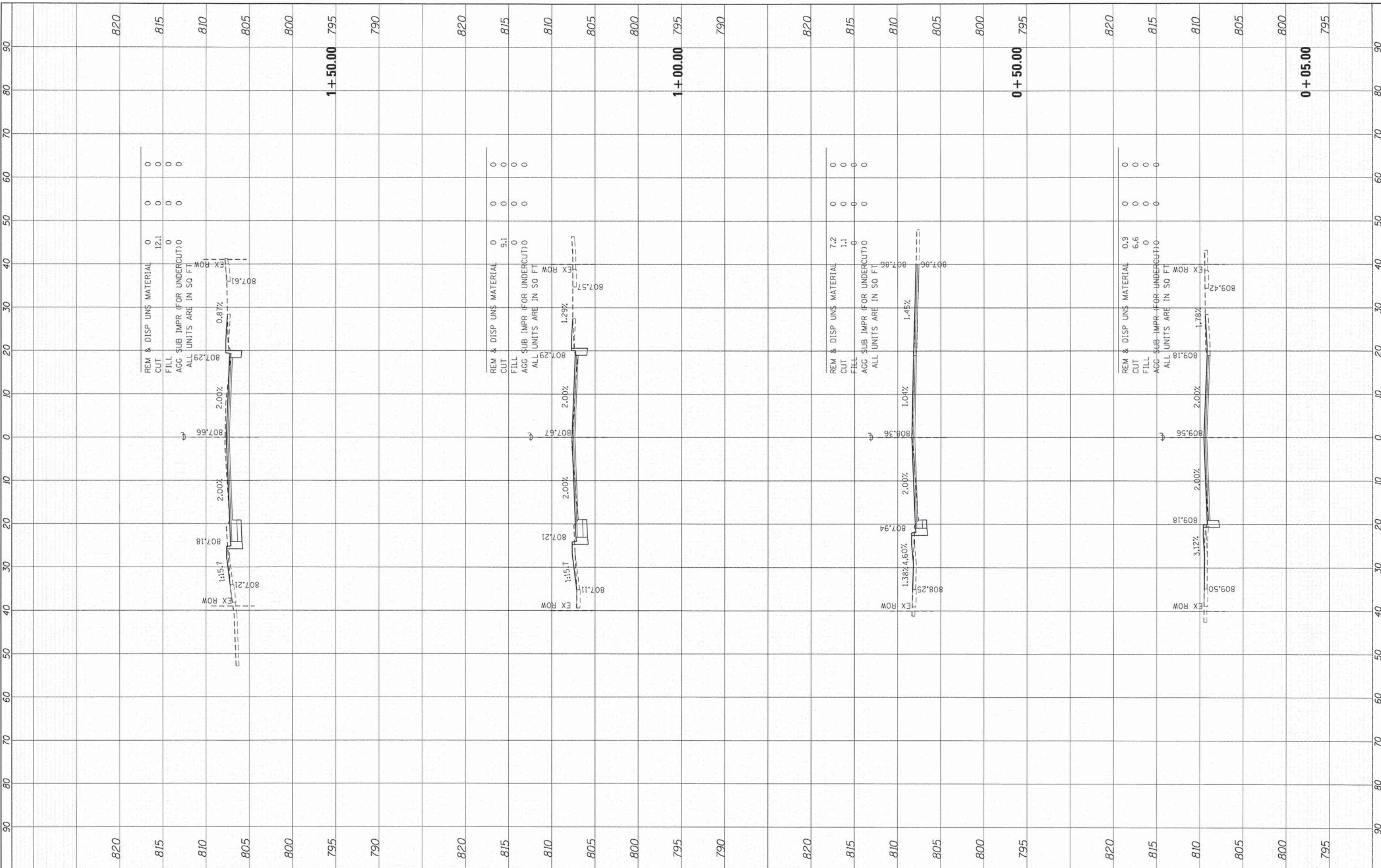
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	84
<b>TC-26</b>			CONTRACT NO. 61A72	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

COMPANY CONTACT:  
 CLIENT: 9/4/2014 11:57:46 AM  
 FILE NAME: 460-ssac\_book.dgn  
 PLOT DRIVER: pldrvr  
 PLOT TABLE: standard\trns-screen-fpoc.tbl



REM & DISP UNS MATERIAL	0	0	0
CUT	12.1	0	0
FILL	0	0	0
AGG SUB IMPR (FOR UNDERCUT)	0	0	0
ALL UNITS ARE IN SQ FT			

REM & DISP UNS MATERIAL	0	0	0
CUT	9.1	0	0
FILL	0	0	0
AGG SUB IMPR (FOR UNDERCUT)	0	0	0
ALL UNITS ARE IN SQ FT			

REM & DISP UNS MATERIAL	7.2	0	0
CUT	1.1	0	0
FILL	0	0	0
AGG SUB IMPR (FOR UNDERCUT)	0	0	0
ALL UNITS ARE IN SQ FT			

REM & DISP UNS MATERIAL	0.9	0	0
CUT	6.6	0	0
FILL	0	0	0
AGG SUB IMPR (FOR UNDERCUT)	0	0	0
ALL UNITS ARE IN SQ FT			

**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = dstonez	DESIGNED - TAY	REVISED -
PLOT SCALE = 1"=10'	DRAWN - TAY	REVISED -
PLOT DATE = 9/4/2014	CHECKED - JRM	REVISED -
	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BODE ROAD**

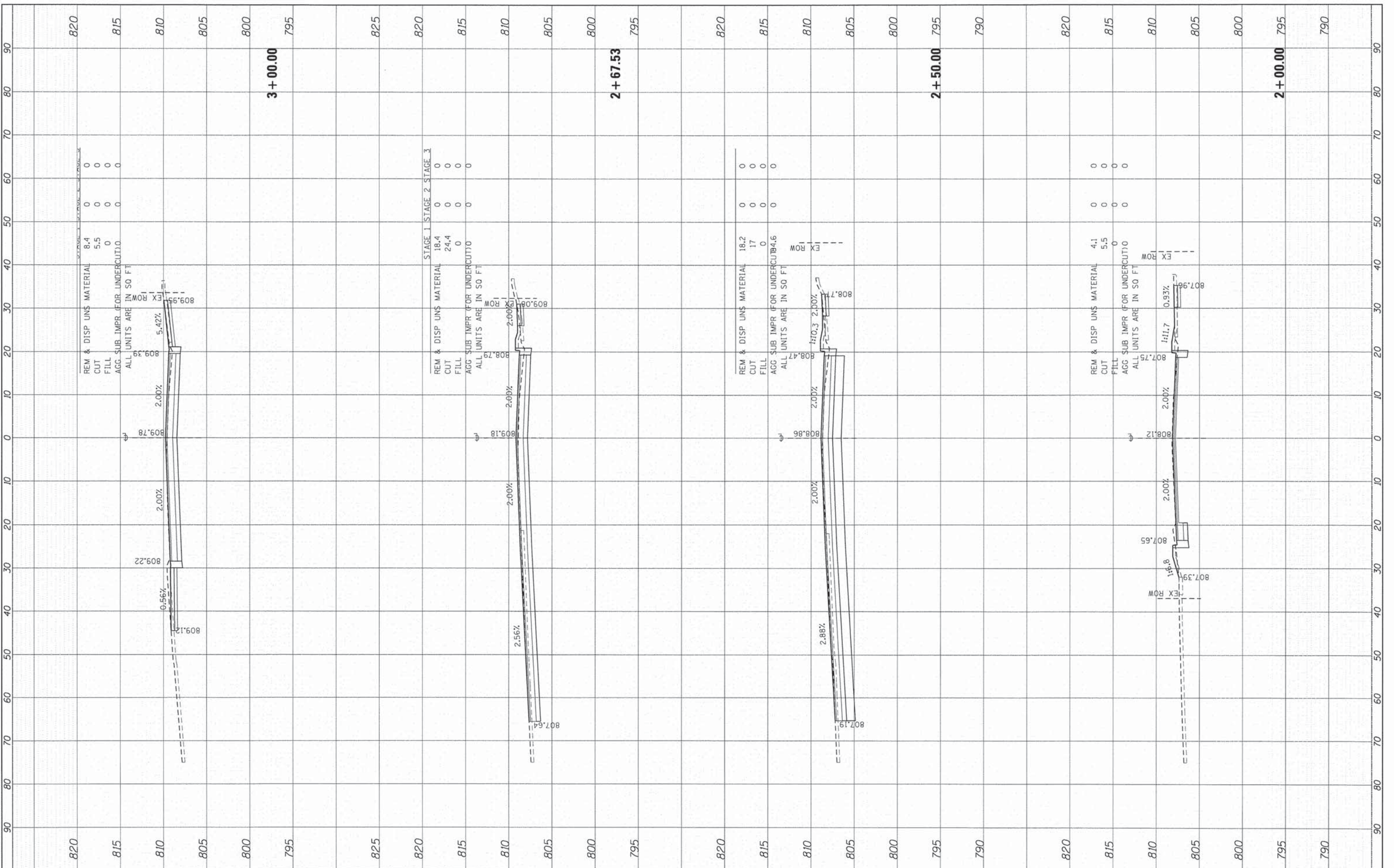
SCALE: 1"=10' SHEET 1 OF 26 SHEETS STA. +05.00 TO STA.1+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	85
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

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

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

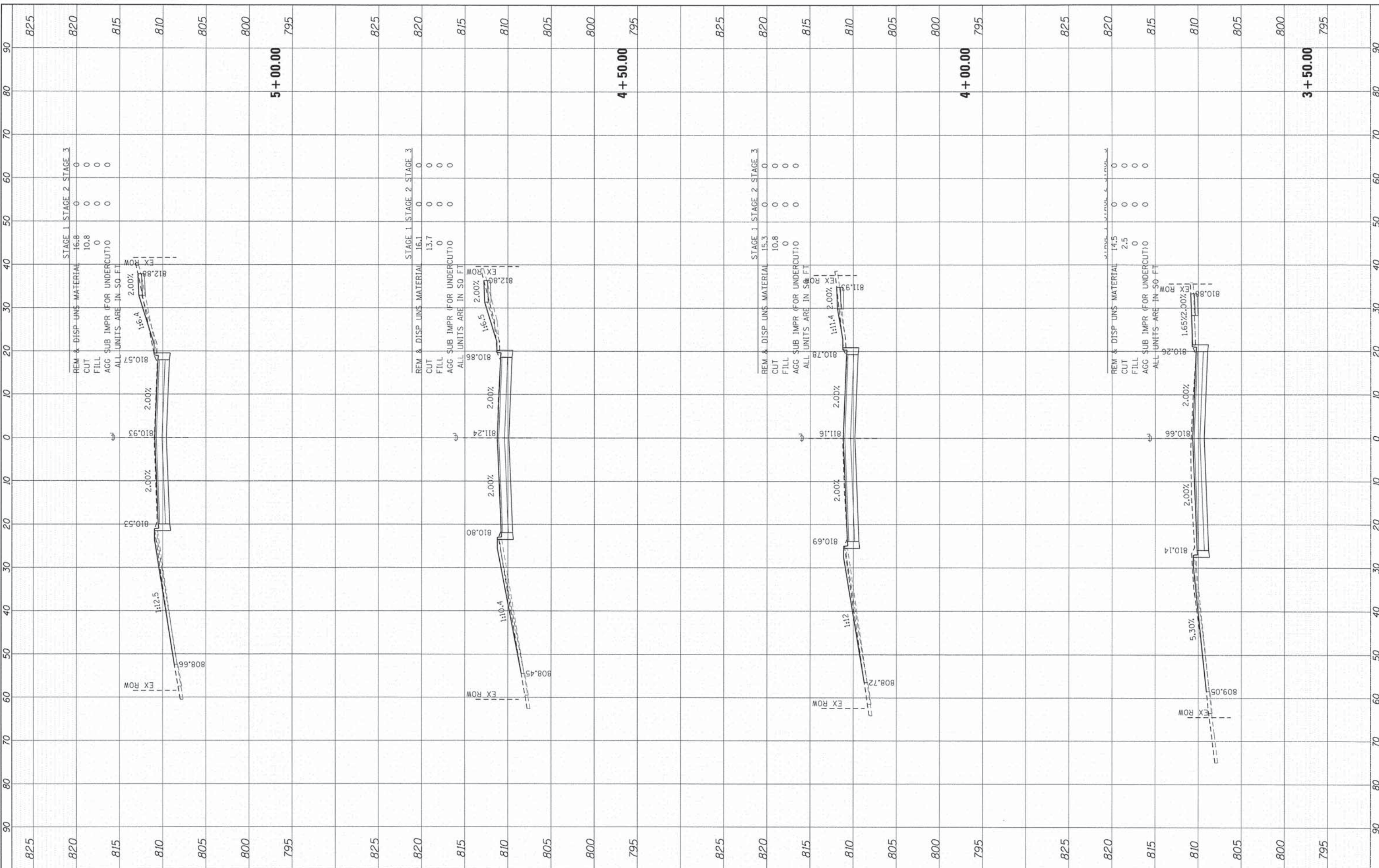
COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 # 104-001322  
 DATE PLOTTED: 9/4/2014 11:57:52 AM  
 CLIENT: 460-x86c-b00a.dgn  
 FILE NAME: pdt.plt  
 PLOT DRIVER: pdk\_driver  
 PEN TABLE: s:\font\of-frames-screen-table.tbl



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

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

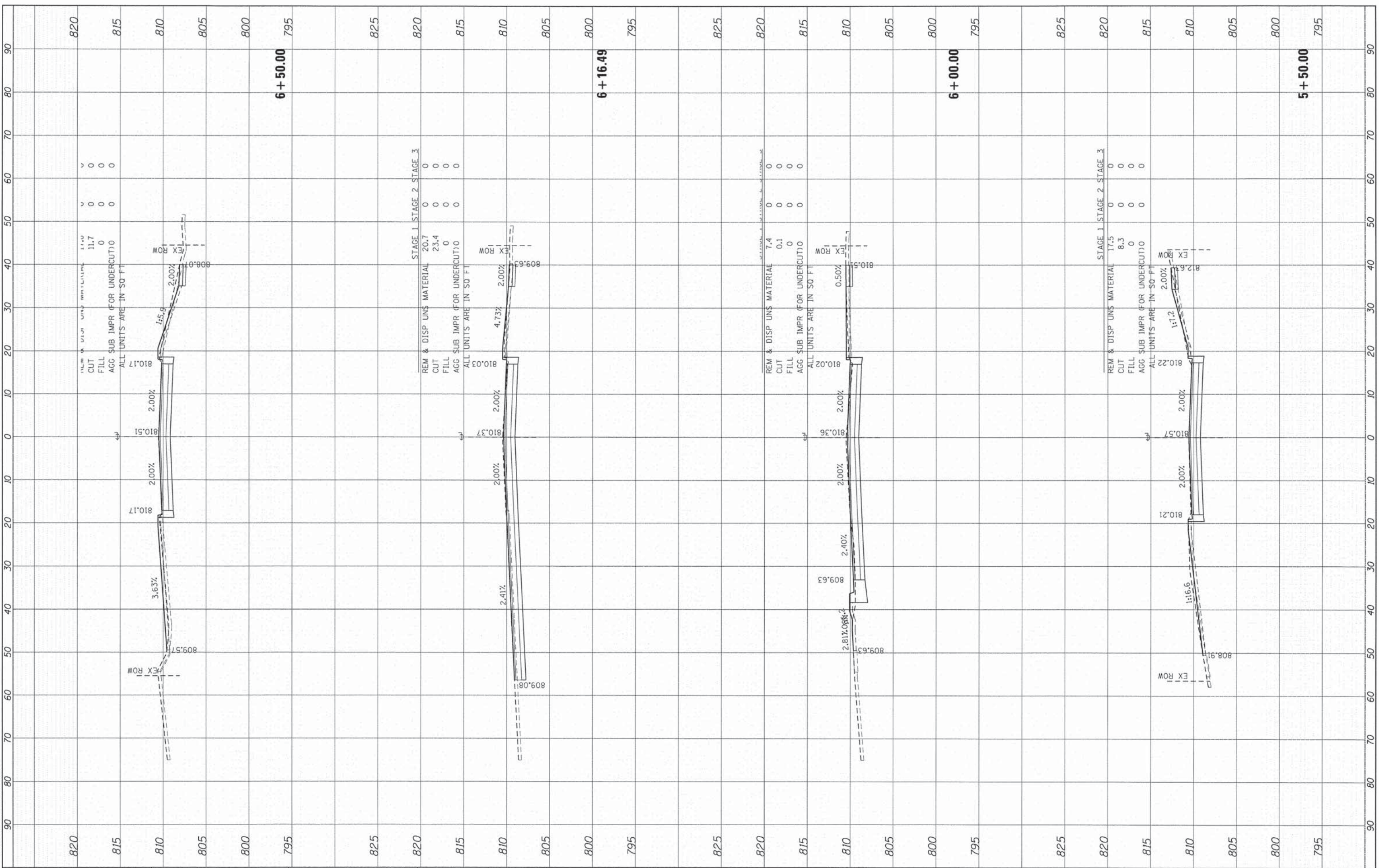
COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 11:57:57 AM  
 FILE NAME: 400-exec.book.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard-frames-screen-rgb.pdf



FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

PROJECT CONTACT:  
 CLIENT: 9/4/2014 11:58:03 AM  
 DATE PLOTTED: 460-v88c.dwg  
 FILE NAME: pdf.plt  
 PLOT DRIVER: s:\standard-trans-scr-enr-topo.rvt  
 PEN TABLE:



HRGreen	HRGreen.com Illinois Professional Design Firm # 154-021322
---------	--

USER NAME = dstanz	DESIGNED - TAY	REVISED -
PLOT SCALE = 1"=10'	DRAWN - TAY	REVISED -
PLOT DATE = 9/4/2014	CHECKED - JRM	REVISED -
	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BODE ROAD**

SCALE: 1"=10' SHEET 4 OF 26 SHEETS STA. 5+50.00 TO STA. 6+50.00

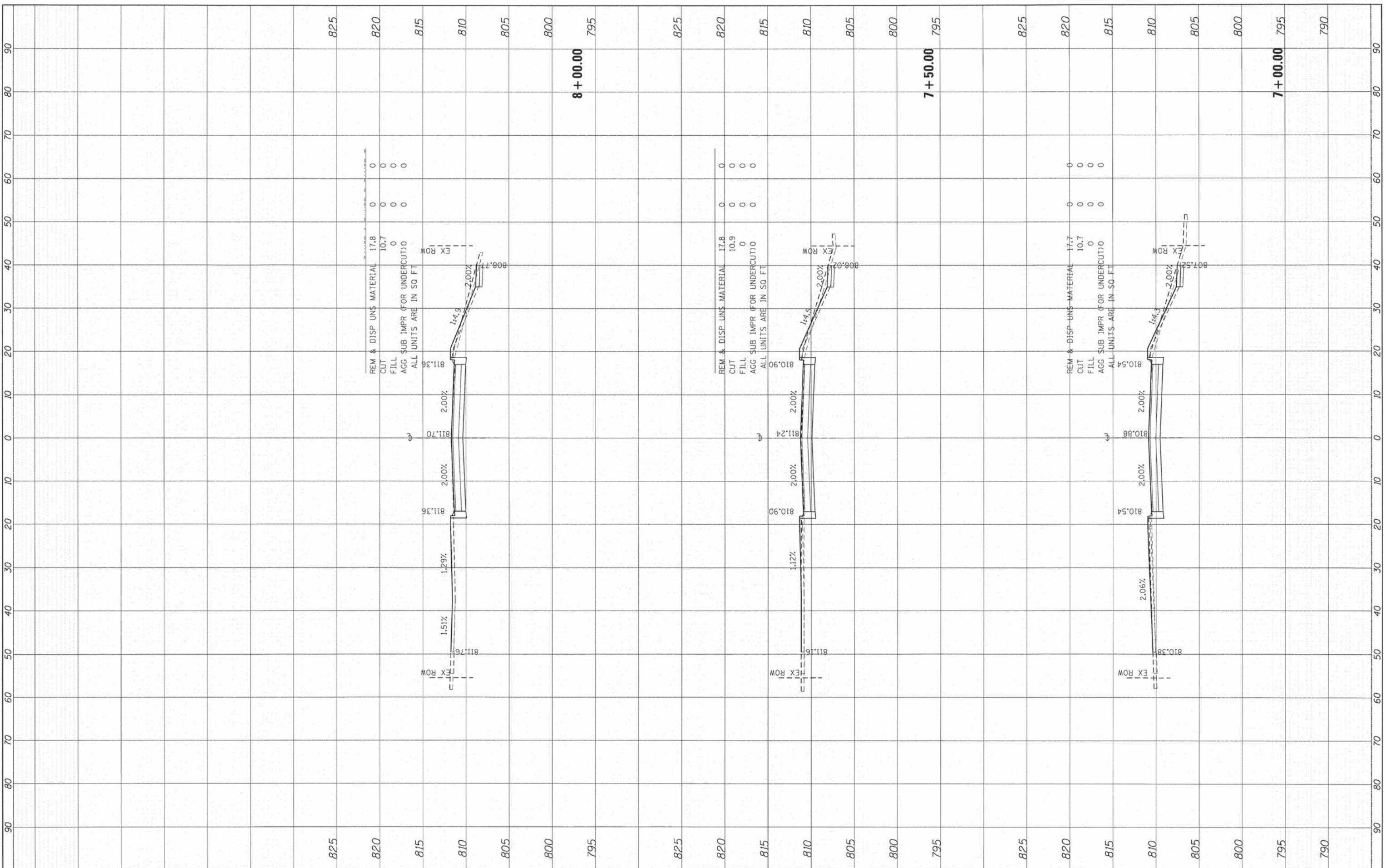
F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 88
CONTRACT NO. 61A72				ILLINOIS FED. AID PROJECT



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NO. _____		
AREAS CHECKED			

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	NO. _____		
AREAS CHECKED			

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: 9/4/2014 11:58:08 AM  
 CLIENT: 460-xsec-boda.dgn  
 DATE PLOTTED: pdt.plt  
 FILE NAME: s:\road\cl-trms-scr-en-topo.tbl  
 PLOT DRIVER: PEN TABLET



USER NAME = dstoncz
DESIGNED - TAY
DRAWN - TAY
CHECKED - JRM
DATE - 8/18/14

REVISOR	REVISION

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BODE ROAD**

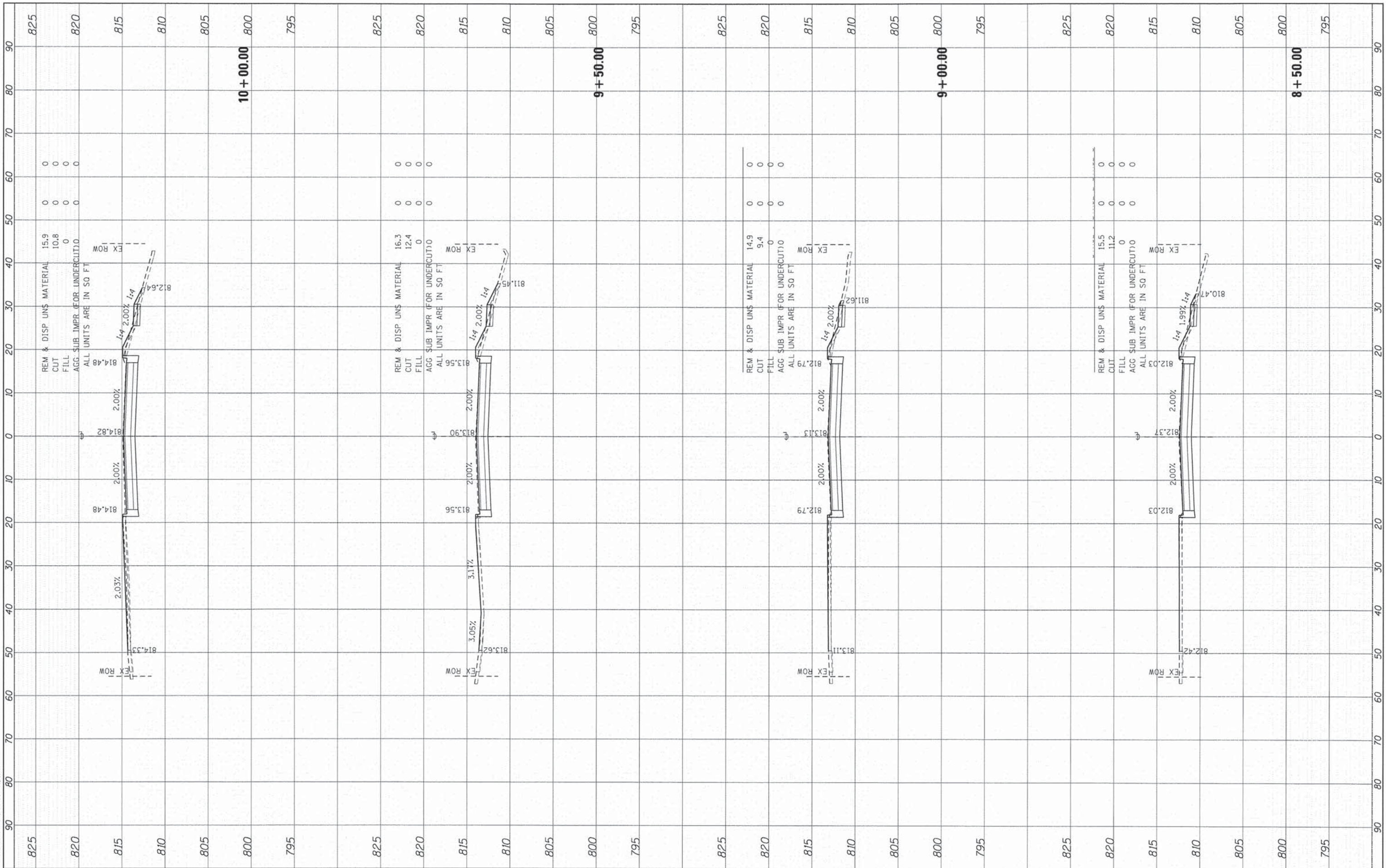
SCALE: 1"=10'    SHEET 5 OF 26 SHEETS    STA. 7+00.00 TO STA. 8+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 89
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
NO.		

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:56:13 AM  
 FILE NAME: 460-sec.boc08.dgn  
 PLOT DRIVER: pdf.plt  
 PEN TABLE: s:\road-d-traffic-screen-top.dgn



HRGreen.com  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME = distanz	DESIGNED - TAY	REVISED -
PLOT SCALE = 1"=10'	DRAWN - TAY	REVISED -
PLOT DATE = 9/4/2014	CHECKED - JRM	REVISED -
	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

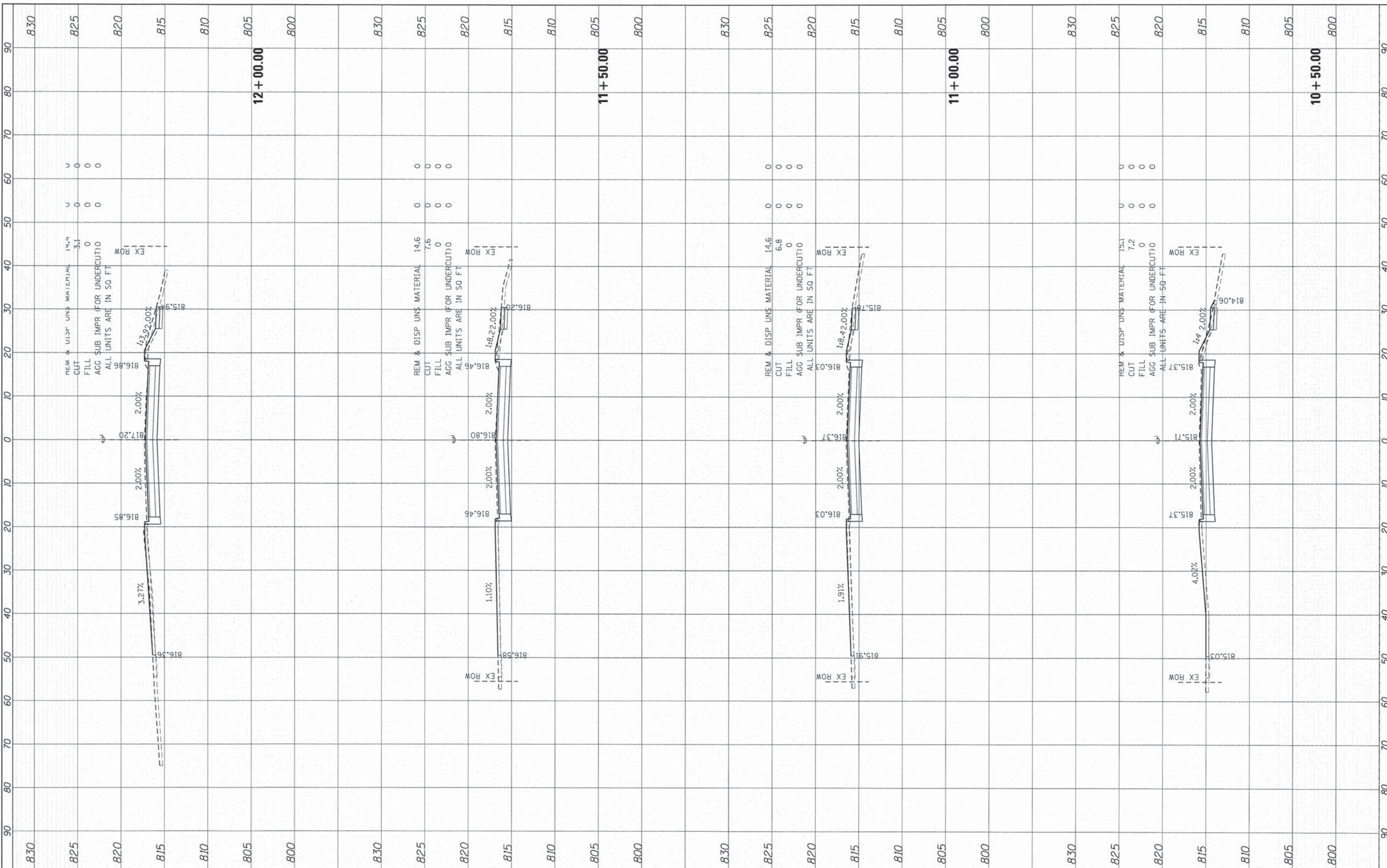
<b>CROSS SECTIONS BODE ROAD</b>			
SCALE: 1"=10'	SHEET	6 OF 26 SHEETS	STA. 8+50.00 TO STA. 10+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 90
CONTRACT NO. 61A72				ILLINOIS FED. AID PROJECT

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

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

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 11:58:19 AM  
 DATE PLOTTED: 460-xsec-bode.dgn  
 FILE NAME: p01.dwg  
 PLOT DRIVER: s:\order-drawings\scrnsht-f0906701

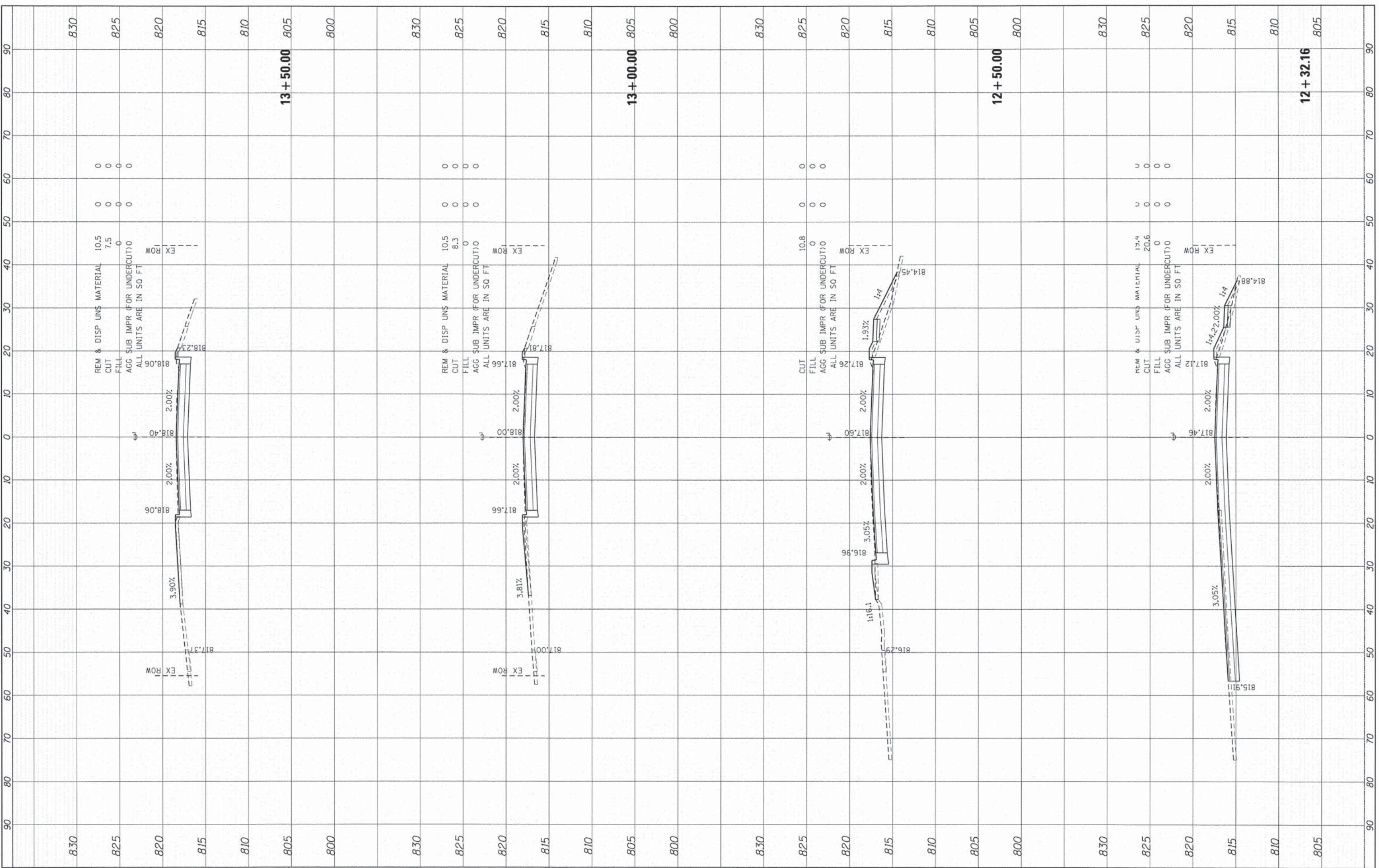


	USER NAME = dstenz PLOT SCALE = 1"=10' PLOT DATE = 9/4/2014	DESIGNED - TAY DRAWN - TAY CHECKED - JRM DATE - 8/18/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS          BODE ROAD</b>		F.A.U. RTE. 1318 SECTION 09-00099-00-PV COUNTY COOK TOTAL SHEETS 110 SHEET NO. 91 CONTRACT NO. 61A72 [ILLINOIS] FED. AID PROJECT
					SCALE: 1"=10'    SHEET 7 OF 26 SHEETS    STA. 10+50.00 TO STA. 12+00.00		

FINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:58:24 AM  
 FILE NAME: 460-usenc.dwg  
 PLOT DRIVER: pdfcut  
 PLOT DATE: 9/4/2014



830	825	820	815	810	805	800	830	825	820	815	810	805	800	830	825	820	815	810	805	800	830	825	820	815	810	805	800
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

USER NAME	= dstencz
DESIGNED	- TAY
DRAWN	- TAY
CHECKED	- JRM
DATE	- 8/18/14
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

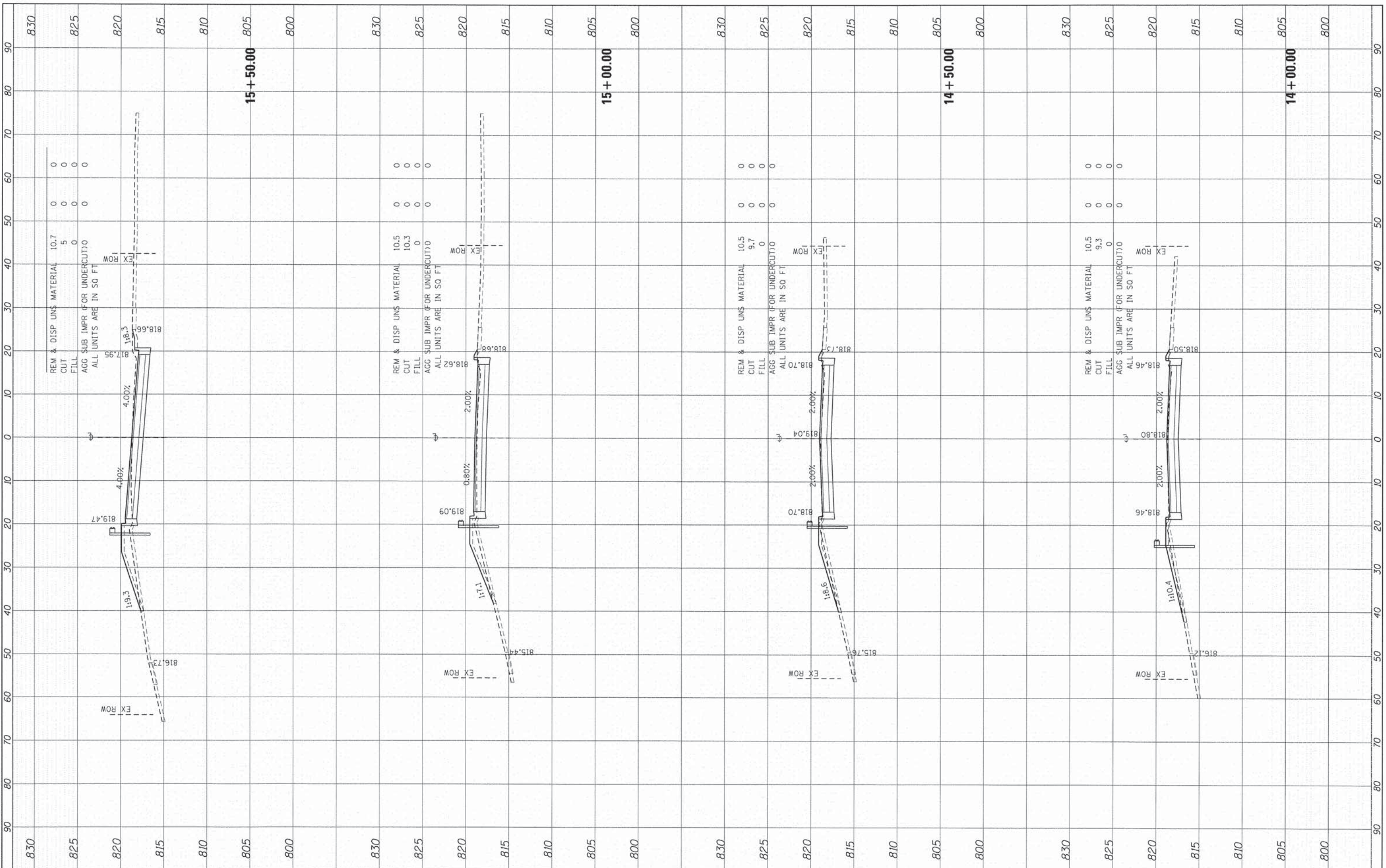
CROSS SECTIONS  
 BODE ROAD  
 SCALE: 1"=10'  
 SHEET 8 OF 26 SHEETS  
 STA. 12+32.16 TO STA. 13+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	92
CONTRACT NO.			61A72	
ILLINOIS FED. AID PROJECT				

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

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

COMPANY CONTACT:  
 CLIENT: 9/4/2014 11:56:20 AM  
 FILE NAME: 460-sscc.book.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: s:\road\p-1\road-screen-table.tbl



**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 # 154-001322

USER NAME = dstancoz	DESIGNED - TAY	REVISED -
PLOT SCALE = 1"=10'	DRAWN - TAY	REVISED -
PLOT DATE = 9/4/2014	CHECKED - JRM	REVISED -
	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BODE ROAD**

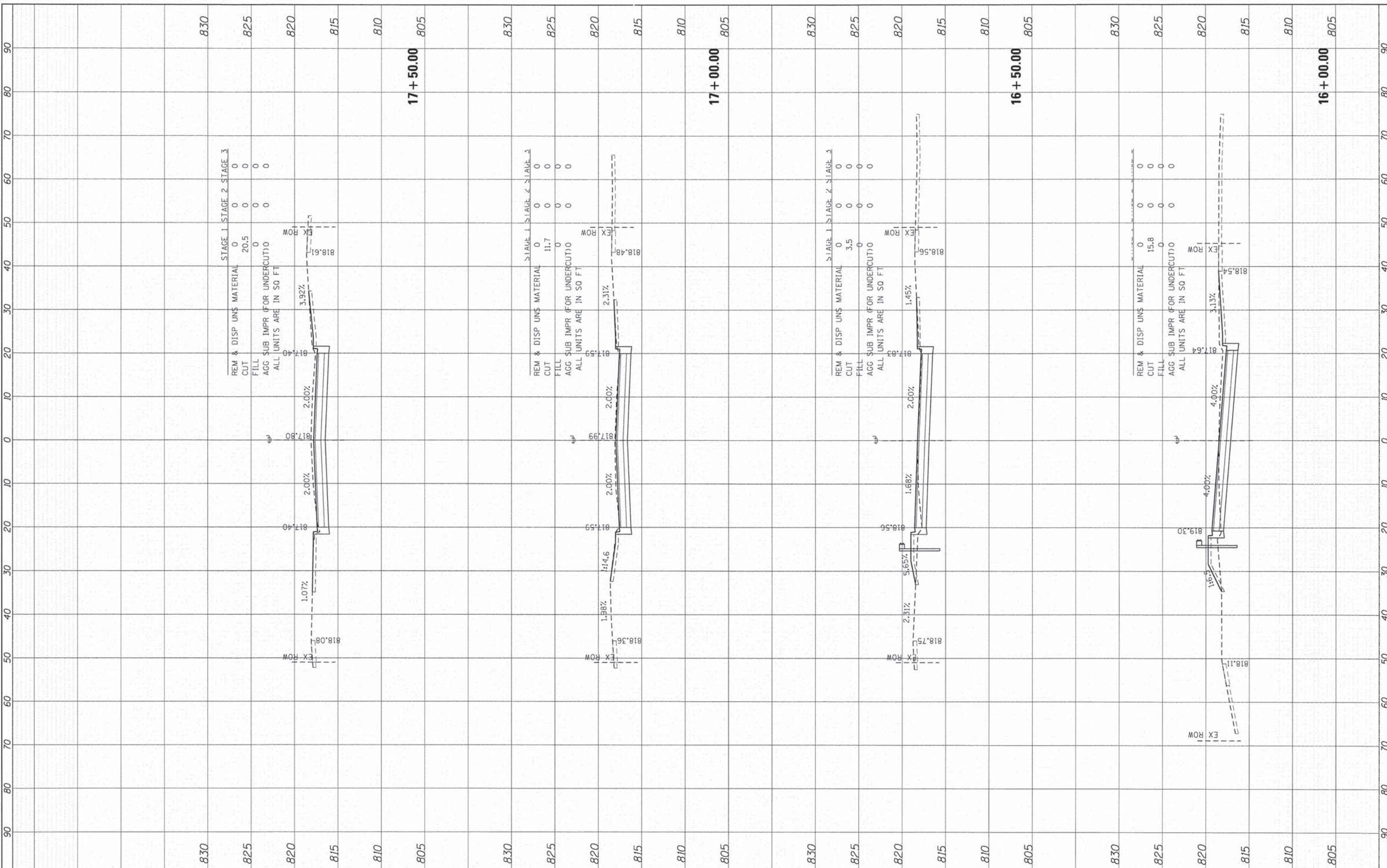
SCALE: 1"=10'    SHEET 9 OF 26 SHEETS    STA. 14+00.00 TO STA. 15+50.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 93
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm # 184-001322  
 CLIENT: 9/4/2014 11:56:36 AM  
 DATE PLOTTED: 4:00:56pm boone.dgn  
 FILE NAME: p01.dwg  
 PLOT DRIVER: strobod-r-r-true-screen-fplot.tbl  
 PEN TABLE:



USER NAME = dstanaz	DESIGNED - TAY	REVISED -
	DRAWN - TAY	REVISED -
PLOT SCALE = 1"=10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
BODE ROAD**

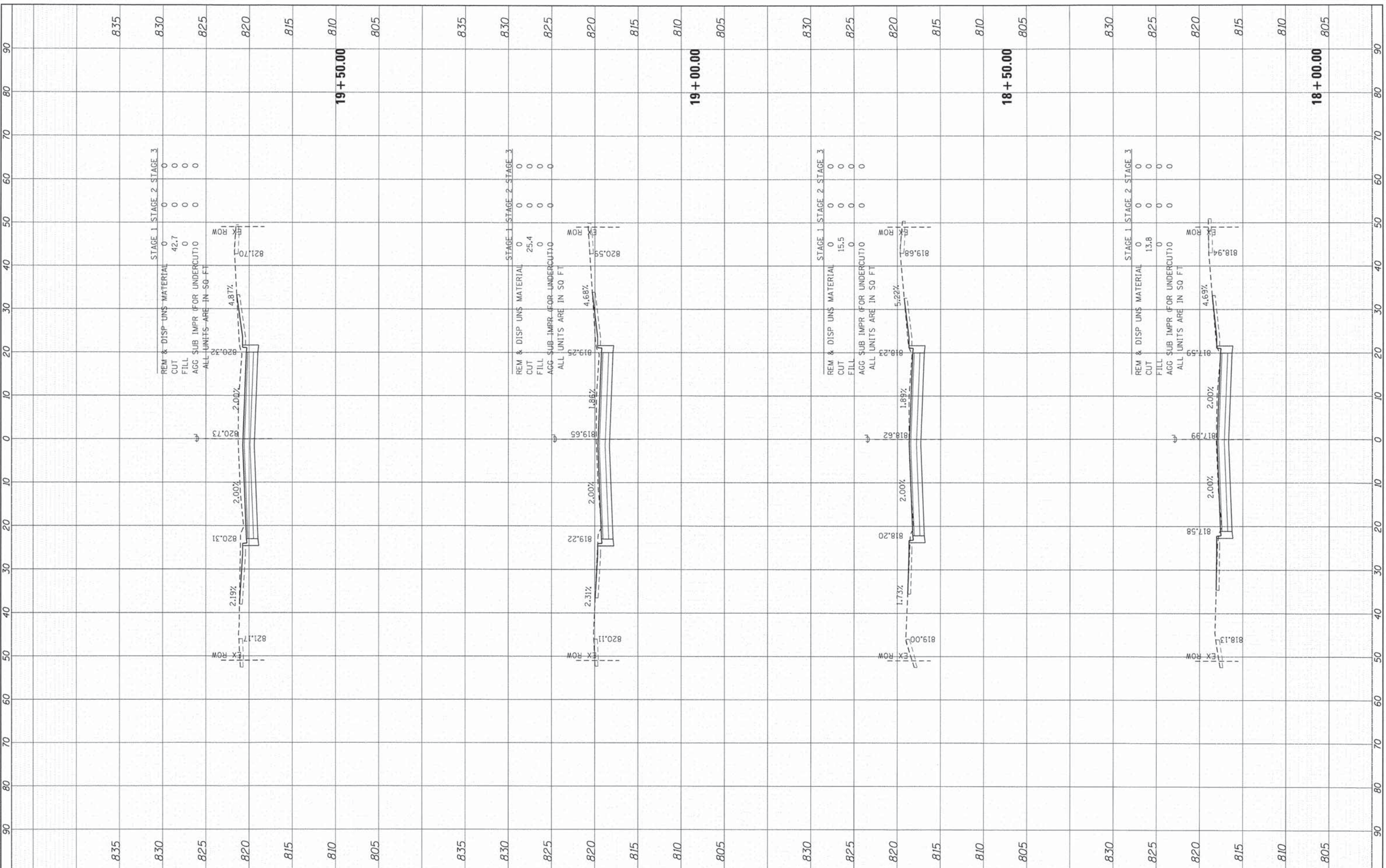
SCALE: 1"=10' SHEET 10 OF 26 SHEETS STA. 16+00.00 TO STA. 17+50.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 94
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

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

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

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: 9/4/2014 11:58:41 AM  
 CLIENT: 460-xsec-b00a.dgn  
 FILE NAME: p01.dgn  
 PLOT DATE: 9/4/2014

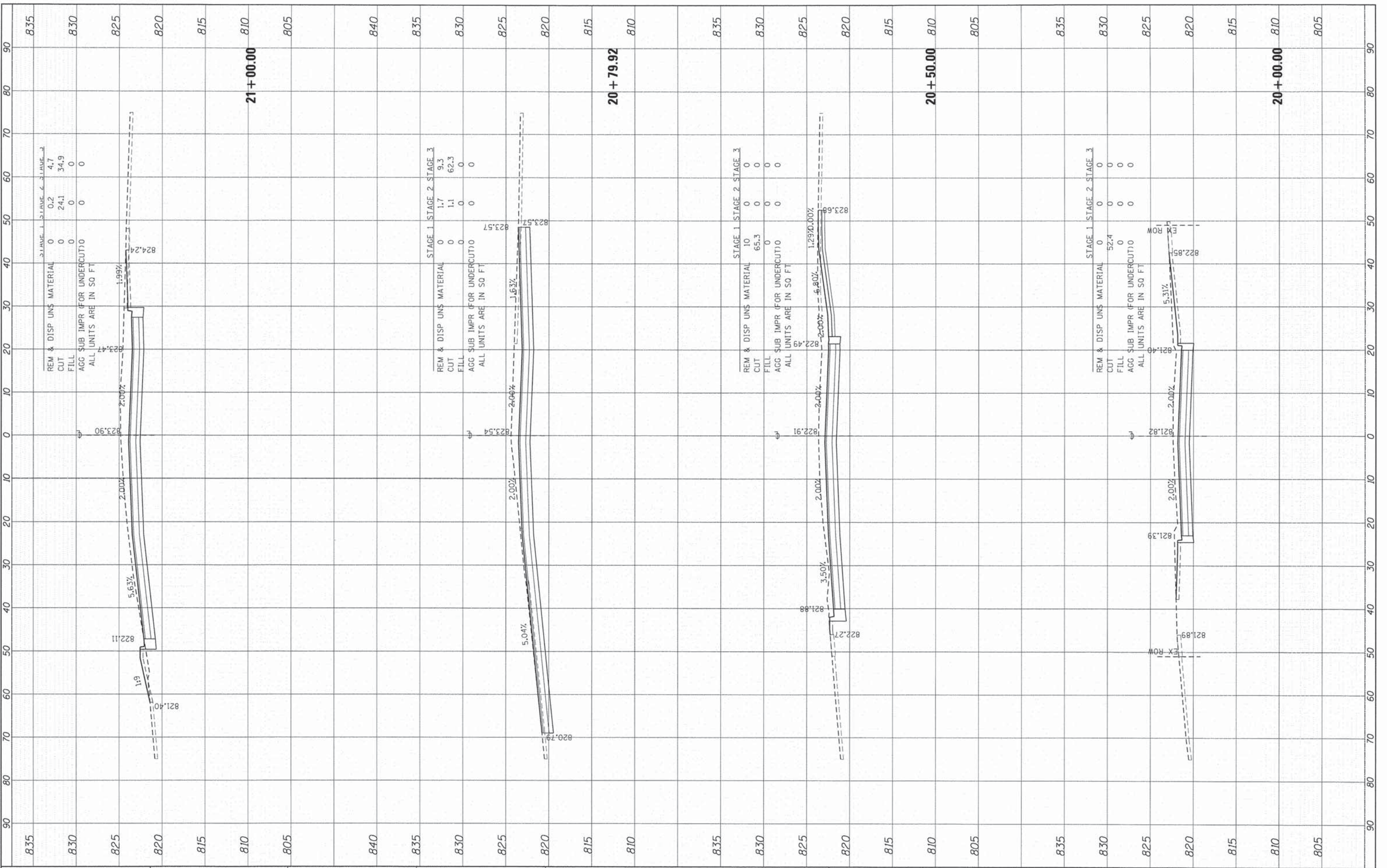


HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = dstanz DESIGNED - TAY DRAWN - TAY CHECKED - JRM PLOT DATE = 9/4/2014	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>BODE ROAD</b>	SCALE: 1"=10' SHEET 11 OF 26 SHEETS STA. 18+00.00 TO STA. 19+50.00	<table border="1"> <tr><th>F.A.U. RTE.</th><th>SECTION</th><th>COUNTY</th><th>TOTAL SHEETS</th><th>SHEET NO.</th></tr> <tr><td>1318</td><td>09-00099-00-PV</td><td>COOK</td><td>110</td><td>95</td></tr> </table>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1318	09-00099-00-PV	COOK	110	95	CONTRACT NO. 61A72 ILLINOIS FED. AID PROJECT
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.													
1318	09-00099-00-PV	COOK	110	95													

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
AREAS CHECKED	AREAS		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
AREAS CHECKED	AREAS		

PROJECT CONTACT:  
 CLIENT: 9/4/2014 11:58:46 AM  
 FILE NAME: 460-ssbc.dwg  
 PLOT DIRECTION: portrait  
 PLOT TABLE: standard-trace-screen-fplot.tbl



**HRGreen**  
 HRGreen.com  
 Illinois Professional Design Firm  
 #184-001322

USER NAME = dstencz	DESIGNED - TAY	REVISED -
PLOT SCALE = 1"=10'	DRAWN - TAY	REVISED -
PLOT DATE = 9/4/2014	CHECKED - JRM	REVISED -
	DATE - 8/18/14	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 BODE ROAD**

SCALE: 1"=10'    SHEET 12 OF 26 SHEETS    STA. 20+00.00 TO STA. 21+00.00

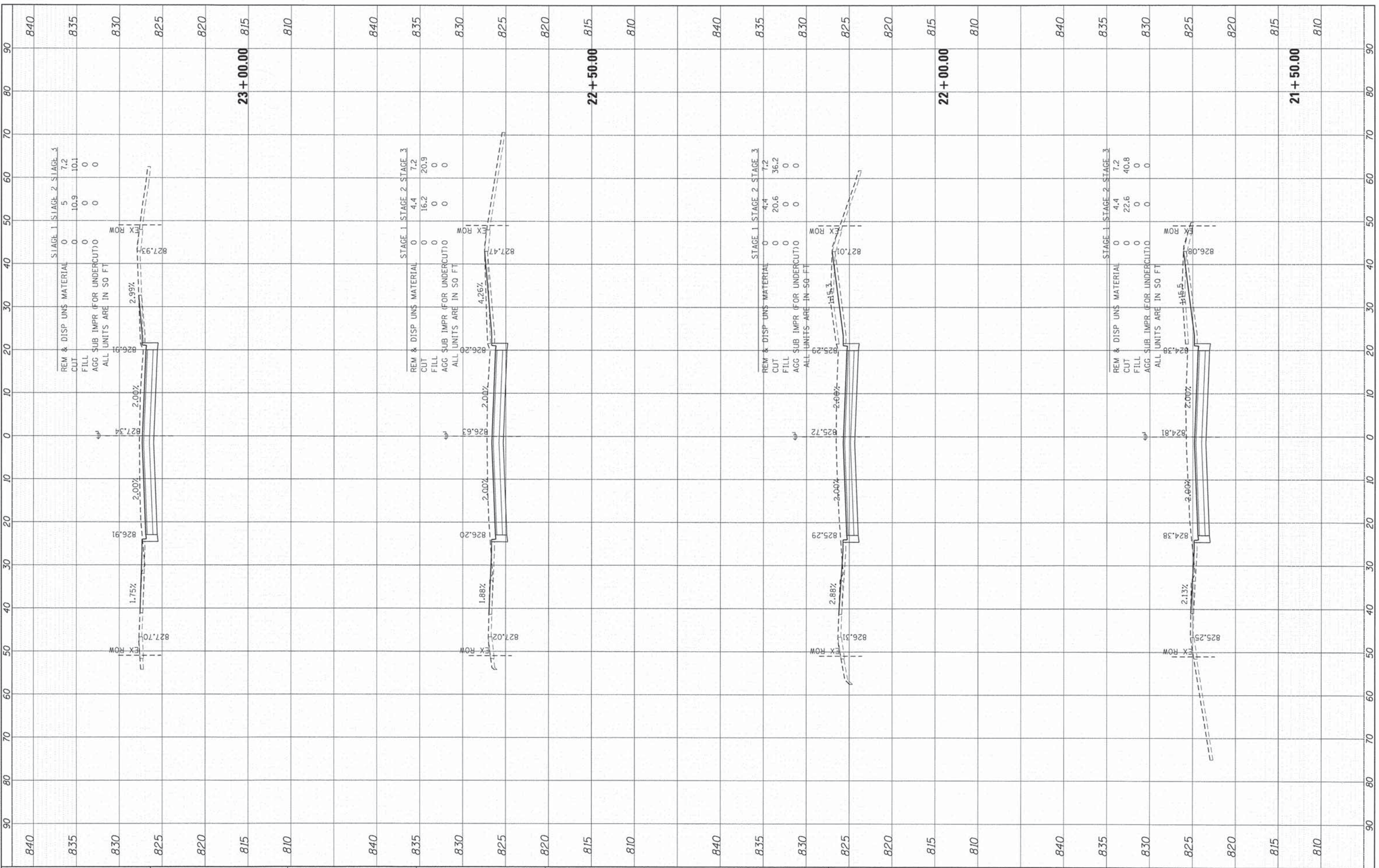
F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 96
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	



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

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

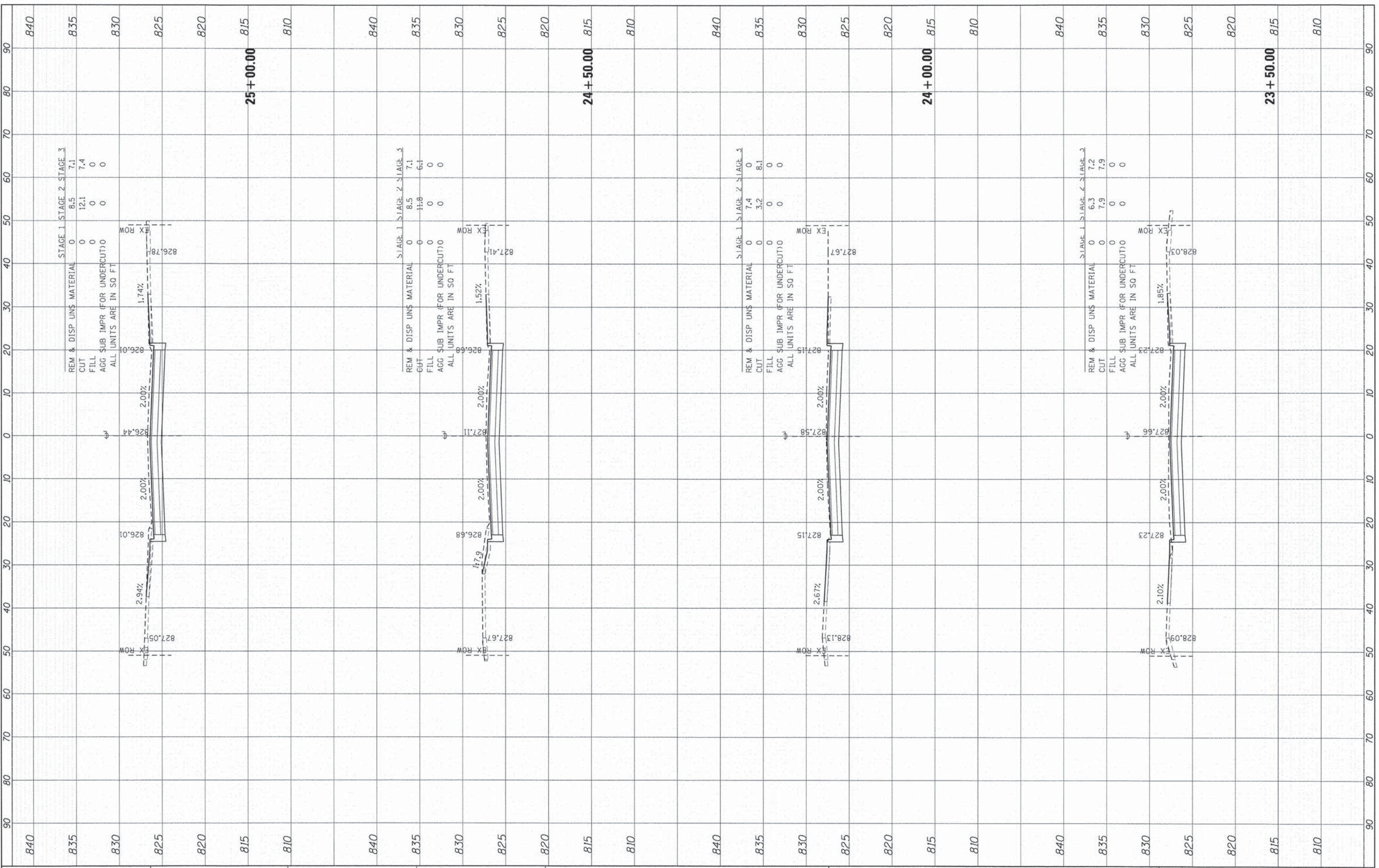
COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm #184-001322  
 CLIENT: 9/4/2014 11:58:52 AM  
 DATE PLOTTED: 460-wsec.book.dgn  
 FILE NAME: pot.dgn  
 PLOT DRIVER: standard-rtsp-sterem-fp66.tbl  
 PLOT TABLET:



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

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

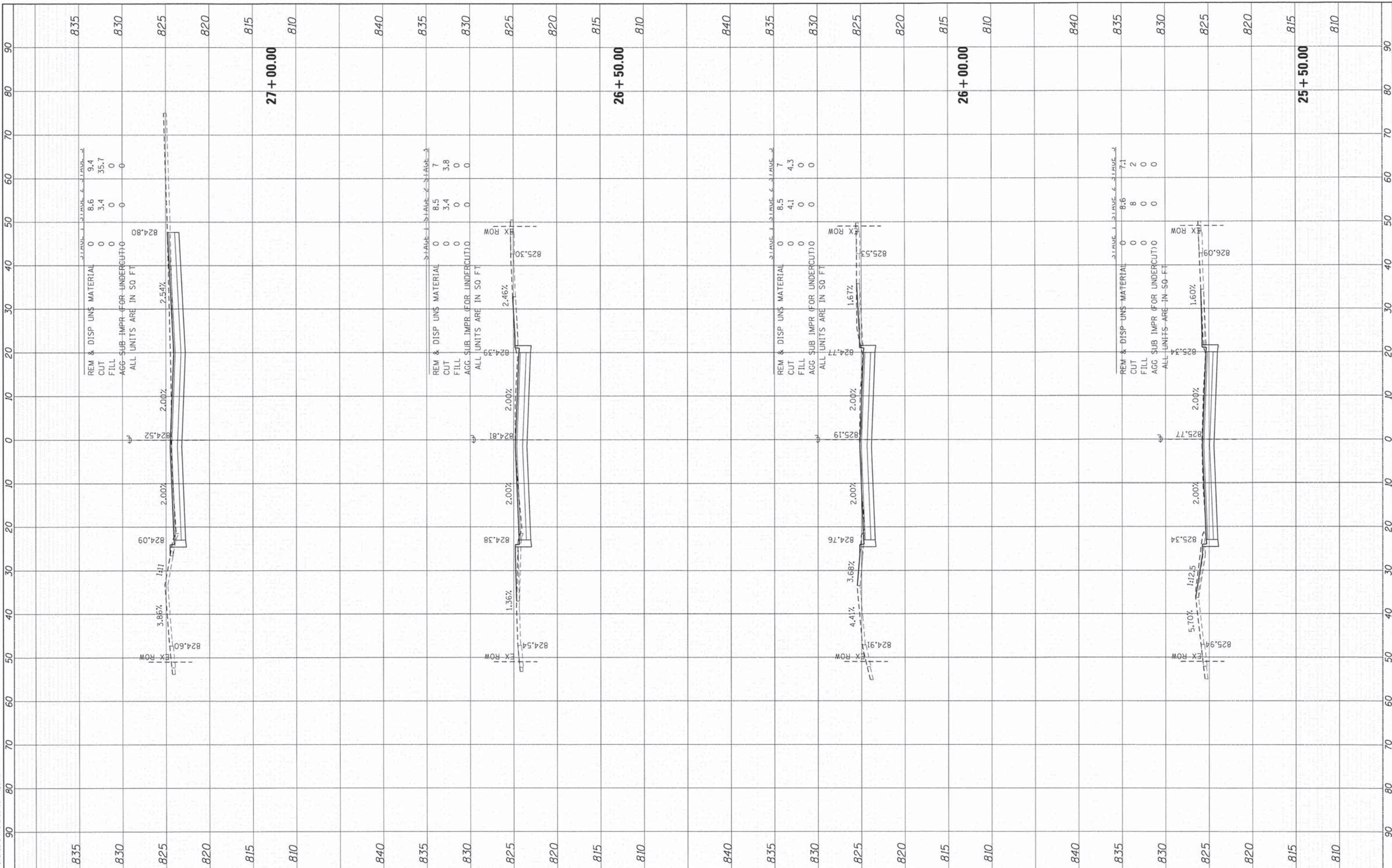
COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 11:55:57 AM  
 DATE PLOTTED: 460-666c.dwg  
 FILE NAME: pdr.dwg  
 PLOT DRIVER: standard-true-color-screen-1600x1200



FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	

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

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: Illinois Professional Design Firm  
 # 184-001322  
 CLIENT: 9/4/2014 11:59:03 AM  
 DATE PLOTTED: 460-ksac.boon.dgn  
 FILE NAME: pdf.plt  
 PLOT DRIVER: standard-trans-screen-plotter.tbl  
 PEN TABLE:

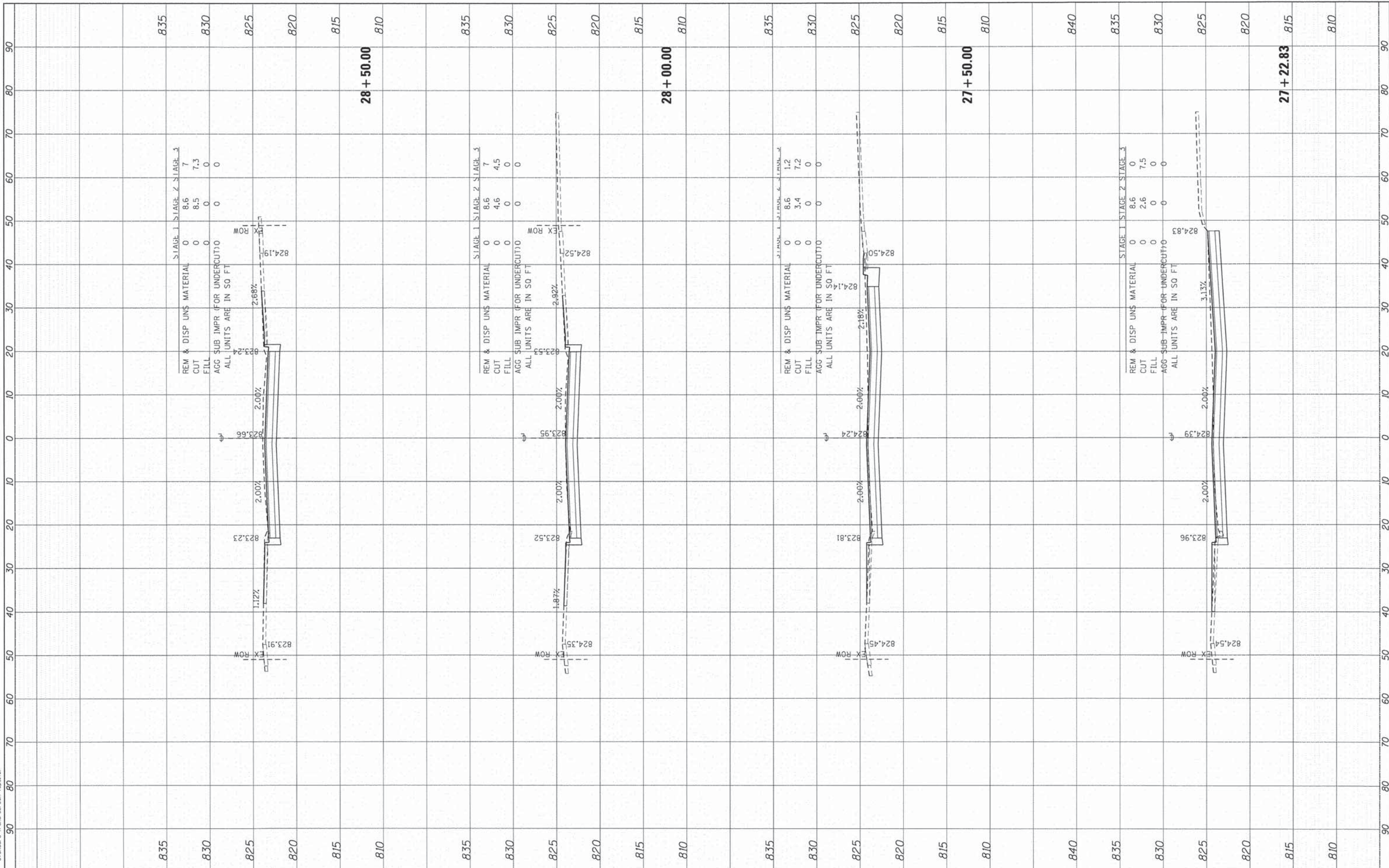


	USER NAME = dstancz	DESIGNED - TAY	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b> <b>BODE ROAD</b>			F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 99
	PLOT SCALE = 1"=10'	CHECKED - JRM	REVISED -					CONTRACT NO. 61A72				
	PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1"=10' SHEET 15 OF 26 SHEETS STA. 25+50.00 TO STA. 27+00.00								

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

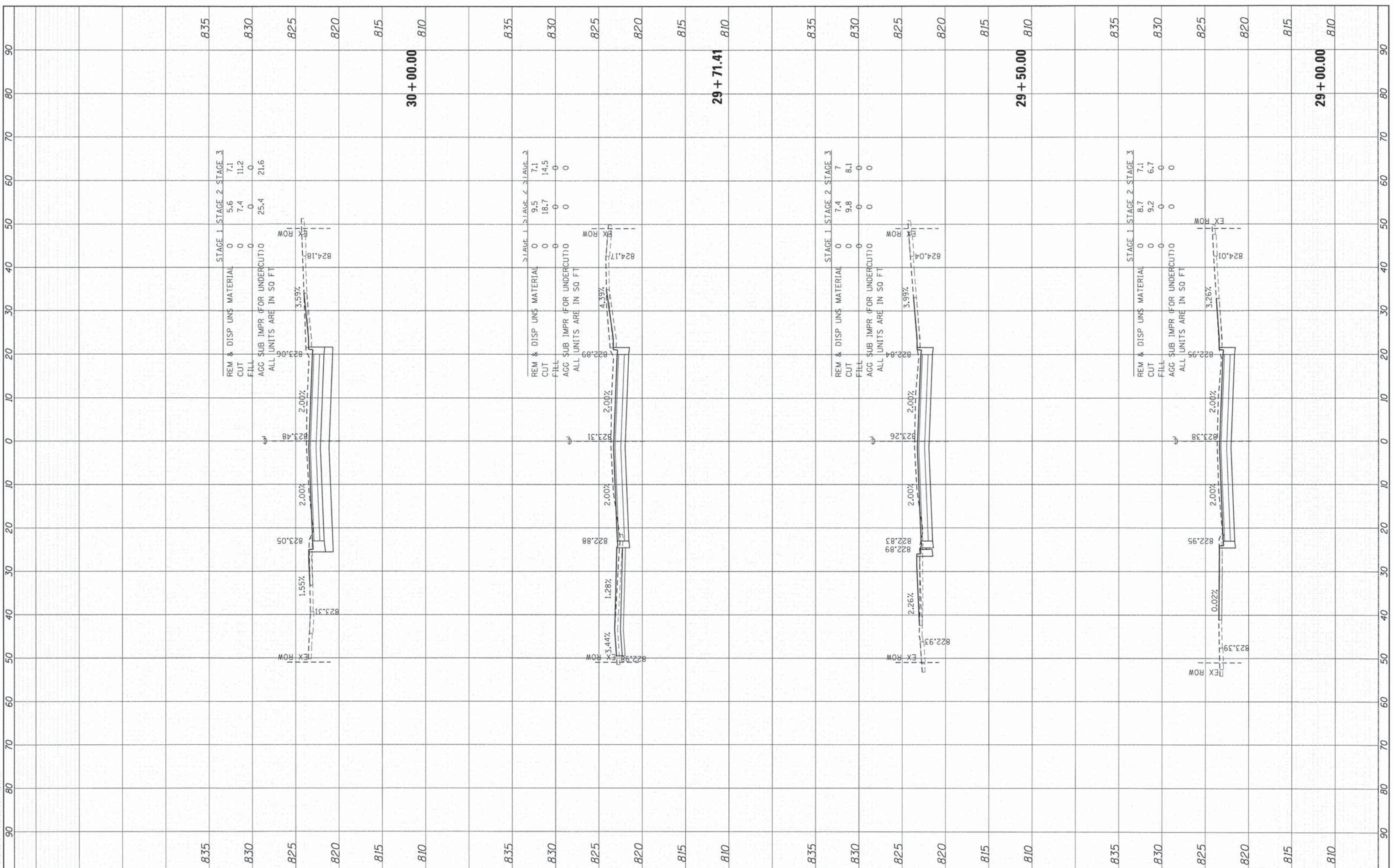
COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: 9/4/2014 11:59:08 AM  
 CLIENT: 460-xsec-bodebdrn  
 FILE NAME: pfd14f  
 PLOT DRIVER: s:\order-trans-screen-topoc.tbl  
 PEN TABLE:



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

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

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 11:59:14 AM  
 DATE PLOTTED: 460-sssec.boads.dgn  
 FILE NAME: pcf.dgn  
 PLOT DRIVER: standard-trans-screen-tpop.tbl  
 PEN TABLE:



USER NAME = dstanoz	DESIGNED - TAY	REVISED -
	DRAWN - TAY	REVISED -
	CHECKED - JRM	REVISED -
	DATE - 8/18/14	REVISED -

PLLOT SCALE = 1"=10'
PLLOT DATE = 9/4/2014

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

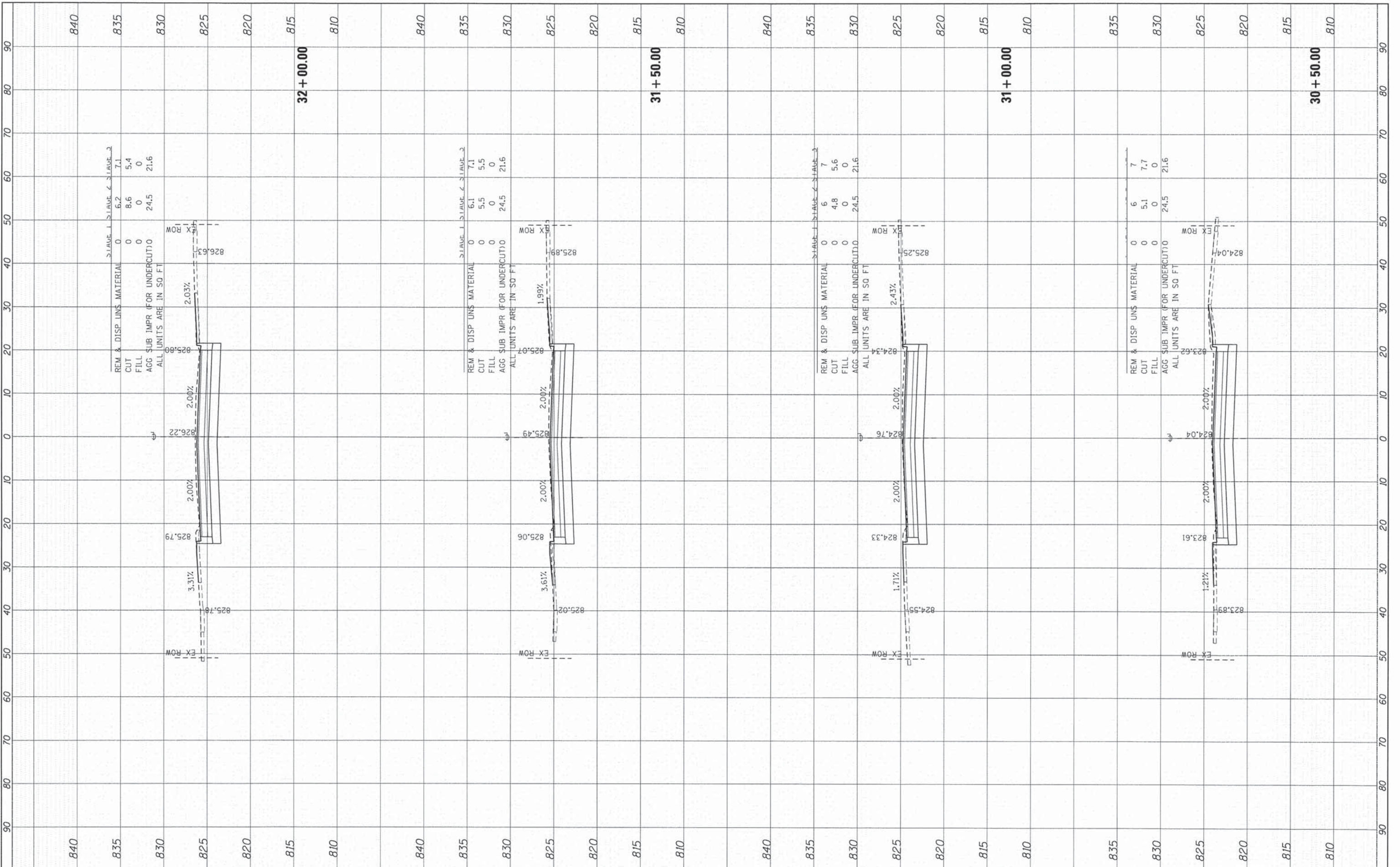
**CROSS SECTIONS  
 BODE ROAD**  
 SCALE: 1"=10' SHEET 17 OF 26 SHEETS STA. 29+00.00 TO STA. 30+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 101
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	DATE
DESIGNED	BY
NOTED	DATE
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
DESIGNED	BY
NOTED	DATE
TEMPLATE	
AREAS CHECKED	

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 CLIENT: 3/4/2014 11:58:19 AM  
 DATE PLOTTED: 460-xsec.dwg  
 FILE NAME: 3/4/14  
 PLOT DRIVER: 3/4/14  
 PLOT TABLE: 3/4/14



USER NAME = dstanz
DESIGNED - TAY
DRAWN - TAY
CHECKED - JRM
DATE - 8/18/14

REVISIONS
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

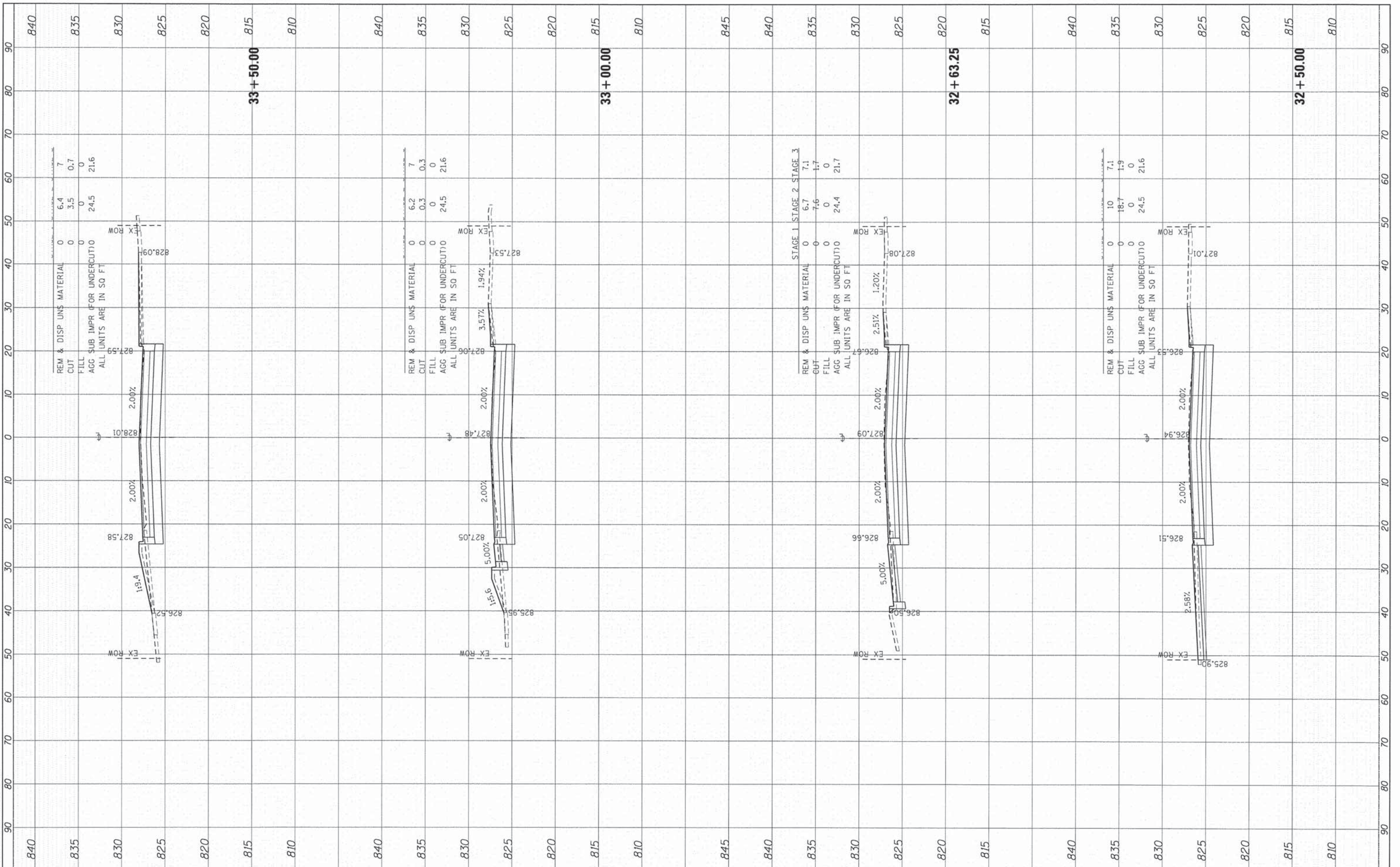
CROSS SECTIONS  
 BODE ROAD  
 SCALE: 1"=10'  
 SHEET 18 OF 26 SHEETS STA. 30+50.00 TO STA. 32+00.00

F.A.U. RTE. 1318	SECTION 09-00099-00-PV	COUNTY COOK	TOTAL SHEETS 110	SHEET NO. 102
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	NO. _____
NO. _____	DATE _____
BY _____	DATE _____
NO. _____	DATE _____
NO. _____	DATE _____

ORIGINAL SURVEY	NO. _____
NO. _____	DATE _____
BY _____	DATE _____
NO. _____	DATE _____
NO. _____	DATE _____

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 1:55:24 AM  
 DATE PLOTTED: 460-xsec\_bode.dgn  
 FILE NAME: pdt.dgn  
 PLOT DRIVER: pdt.dgn  
 PEN TABLE: s:\standard-trans-screen-table.tbl



USER NAME	= dstancoz
DESIGNED	- TAY
DRAWN	- TAY
CHECKED	- JRM
DATE	- 8/18/14

REVISÉD	-
REVISÉD	-
REVISÉD	-
REVISÉD	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

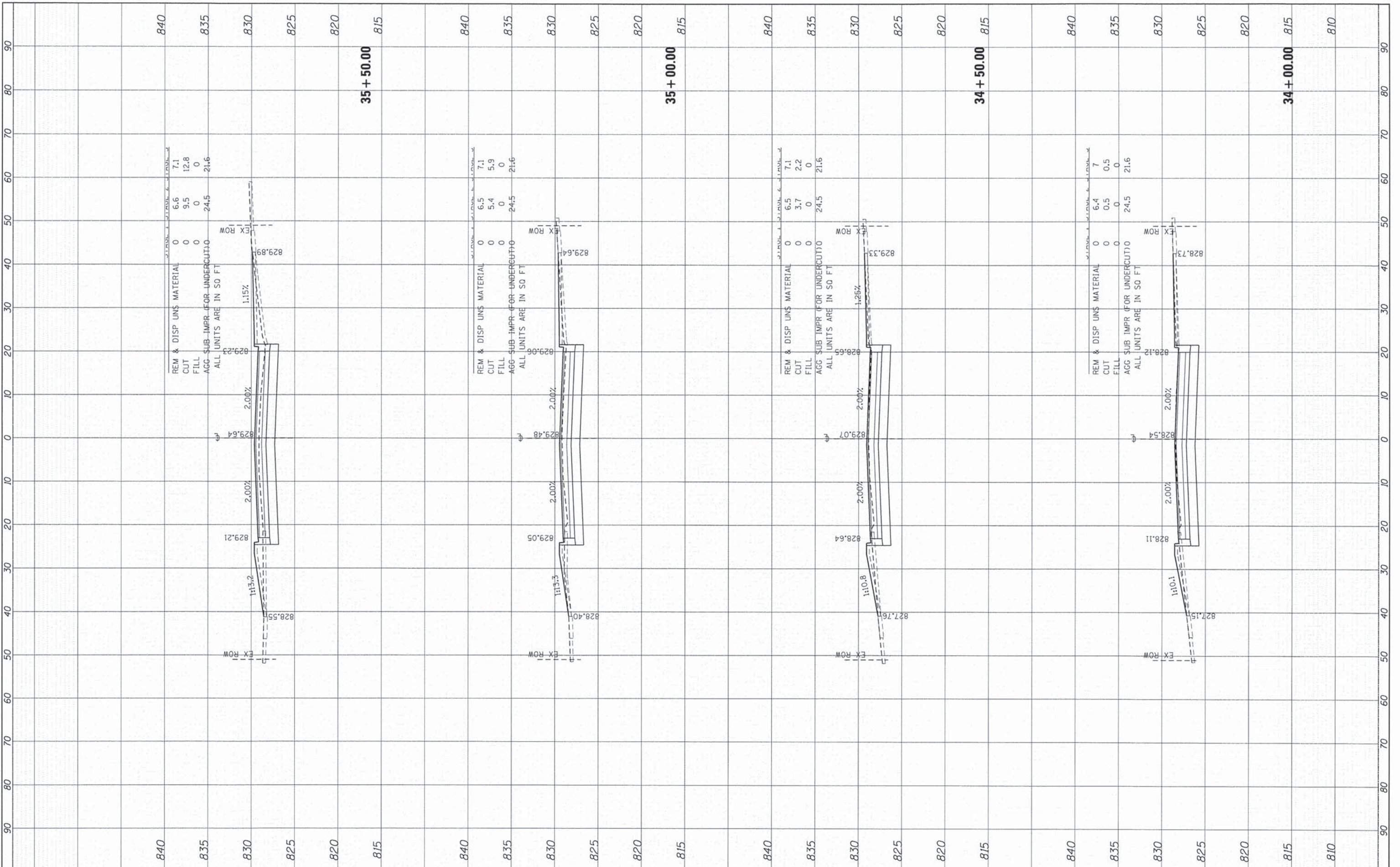
CROSS SECTIONS  
 BODE ROAD  
 SCALE: 1"=10'  
 SHEET 19 OF 26 SHEETS  
 STA. 32+50.00 TO STA. 33+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	103
CONTRACT NO.				61A72
ILLINOIS FED. AID PROJECT				

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

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

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: 9/4/2014 11:58:29 AM  
 DATE PLOTTED: 460>xsec-book.dgn  
 FILE NAME: pdf.dwg  
 PLOT DRIVER: pldrvr  
 PEN TABLE:

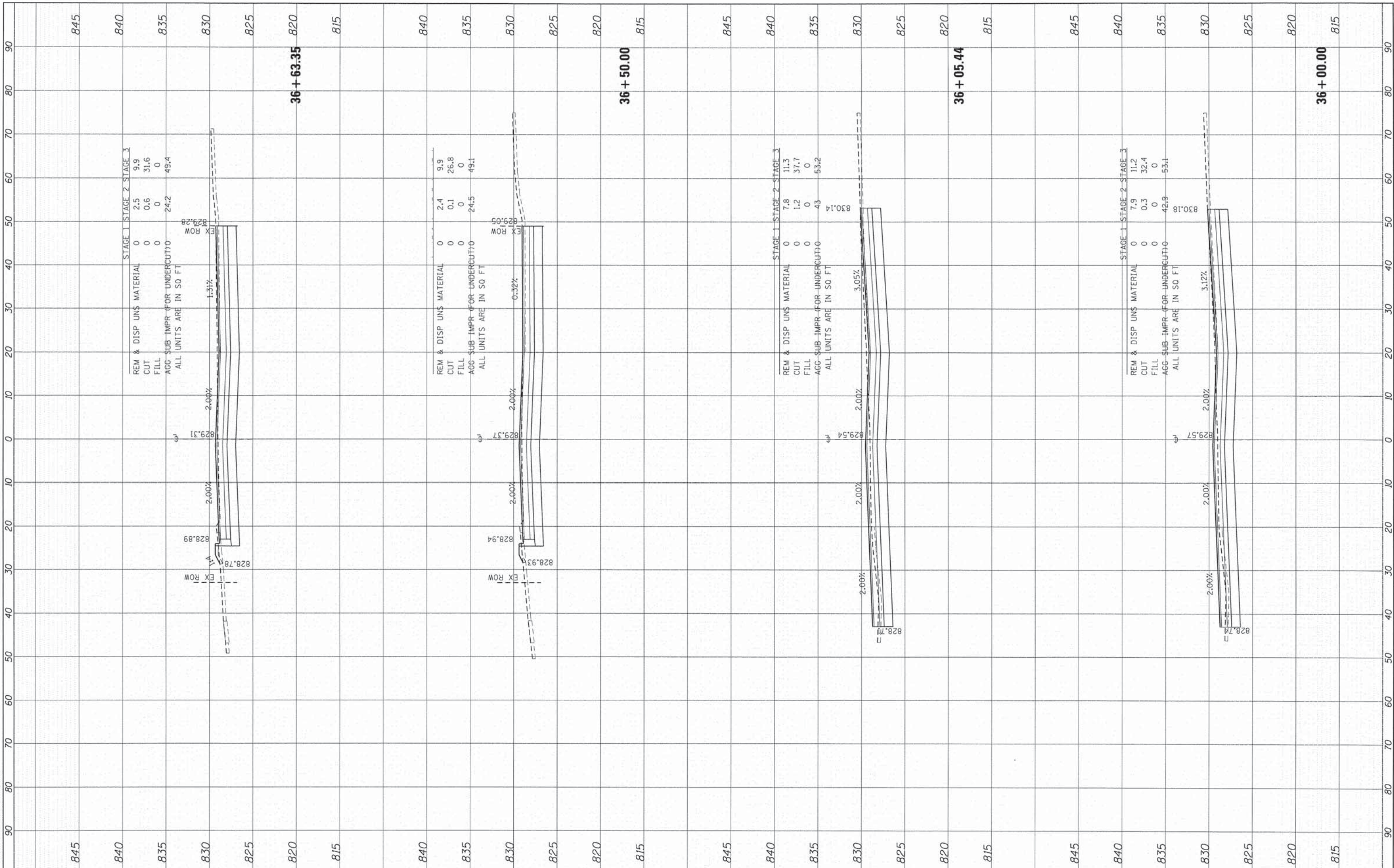




FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS CHECKED			

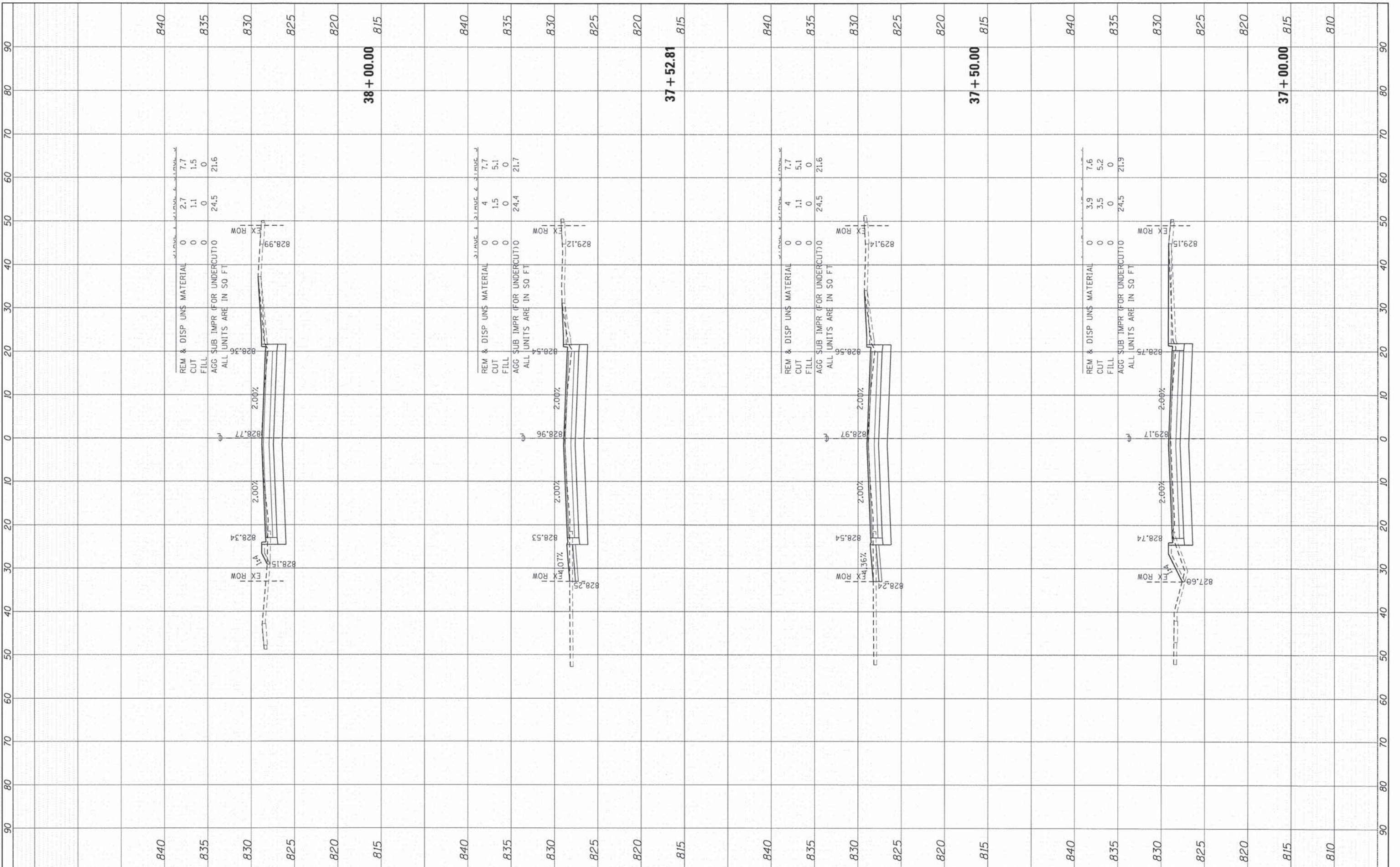
COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 CLIENT: 9/4/2014 11:59:34 AM  
 FILE NAME: 460-xsec-book.dgn  
 PLOT DRIVER: pldrvr  
 PEN TABLE: s:\penn\dr-trans-screen-fps.tbl



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

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

COMPANY NAME: HRGreen.com  
 PROJECT CONTACT: HRGreen  
 CLIENT: HRGreen.com  
 DATE PLOTTED: 9/4/2014 11:55:40 AM  
 FILE NAME: 460-xsec\_book.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: standard.ctb



USER NAME = dstencz	DESIGNED - TAY	REVISED -
	DRAWN - TAY	REVISED -
PLOT SCALE = 1"=10'	CHECKED - JRM	REVISED -
PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

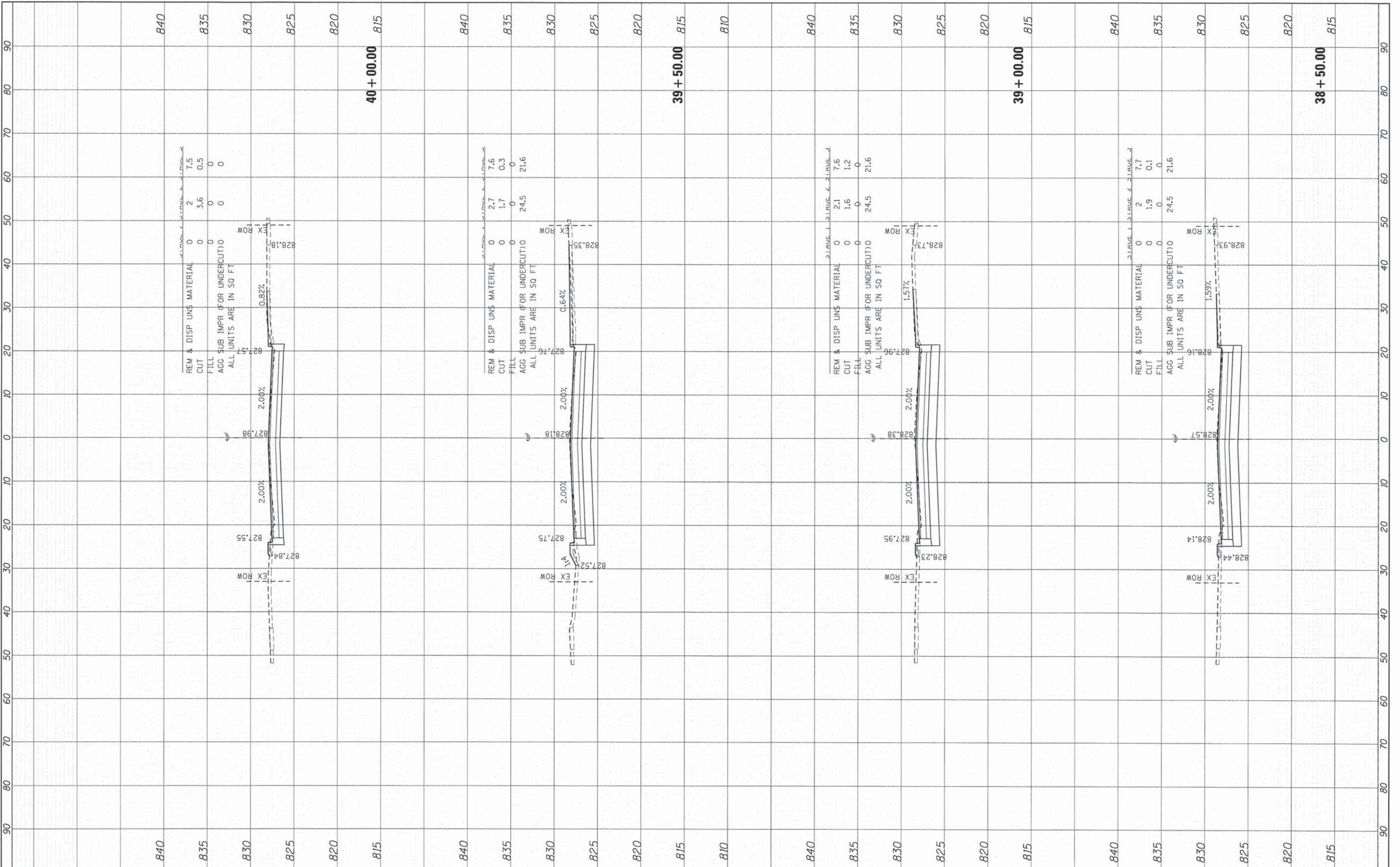
CROSS SECTIONS	
BODE ROAD	
SCALE: 1"=10'	SHEET 22 OF 26 SHEETS
STA. 37+00.00 TO STA. 38+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	106
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY	SCHEMATIC	BY	DATE
NOTE BOOK	TEMPLATE		
AREAS	CHECKED		
NO.			

PROJECT CONTACT:  
 CLIENT: 9/4/2014 11:55:45 AM  
 FILE NAME: 460-xxsec-book.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: #standard-francis-screen-top.dwt



HRGreen.com	USER NAME = dstencz	DESIGNED - TAY	REVISED -
Illinois Professional Design Firm		DRAWN - TAY	REVISED -
#184-001322		CHECKED - JRM	REVISED -
	PLOT DATE = 9/4/2014	DATE - 8/18/14	REVISED -

840	835	830	825	820	815	840	835	830	825	820	815	810	840	835	830	825	820	815	840	835	830	825	820	815
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

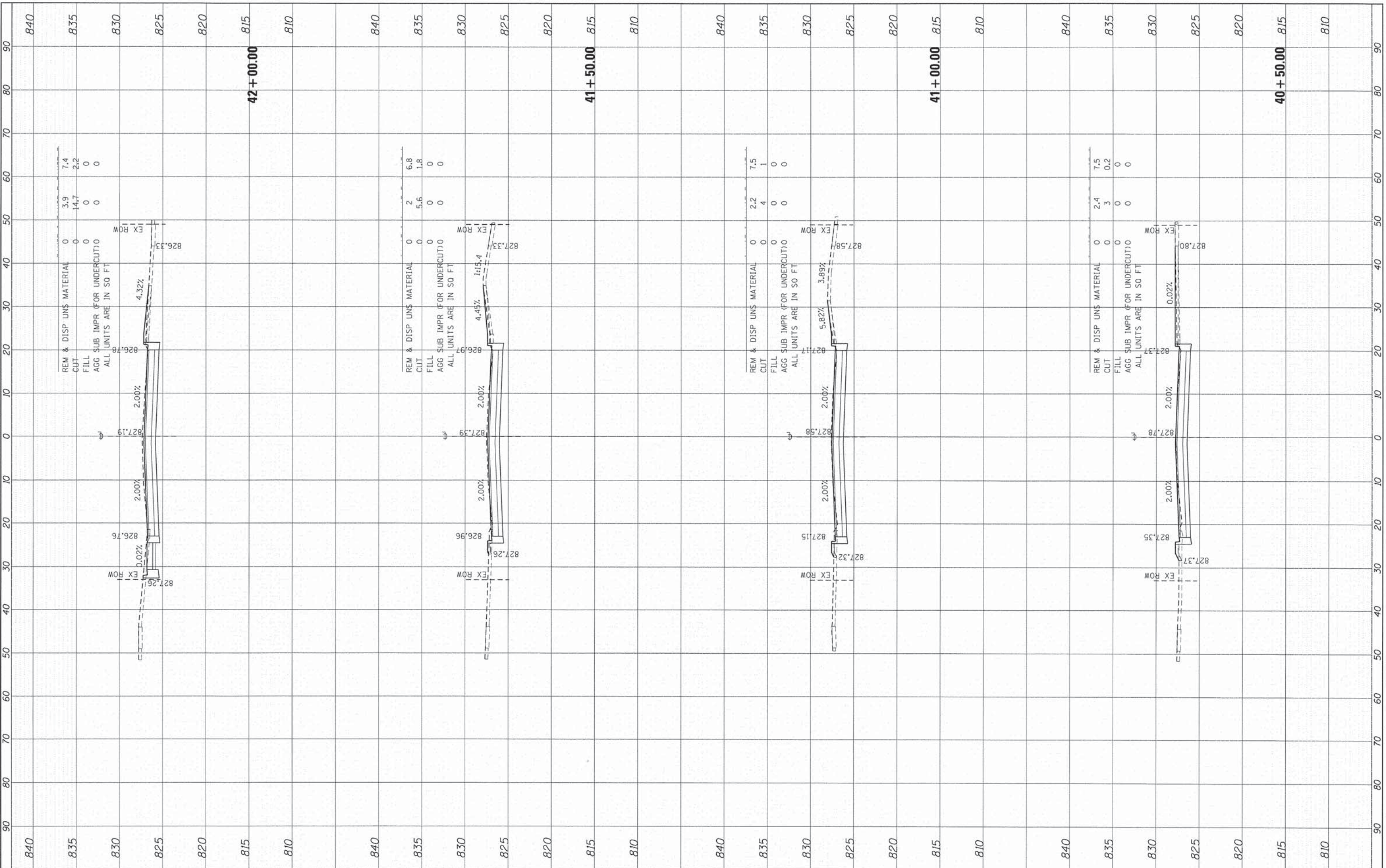
CROSS SECTIONS  
 BODE ROAD  
 SCALE: 1"=10' SHEET 23 OF 26 SHEETS STA. 38+50.00 TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	107
CONTRACT NO. 61A72			ILLINOIS FED. AID PROJECT	

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

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

COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: Illinois Professional Design Firm  
 DATE PLOTTED: 9/4/2014 11:59:51 AM  
 FILE NAME: 460-usenc.dwg  
 PLOT DATE: 9/4/2014  
 PLOT BY: jstanz

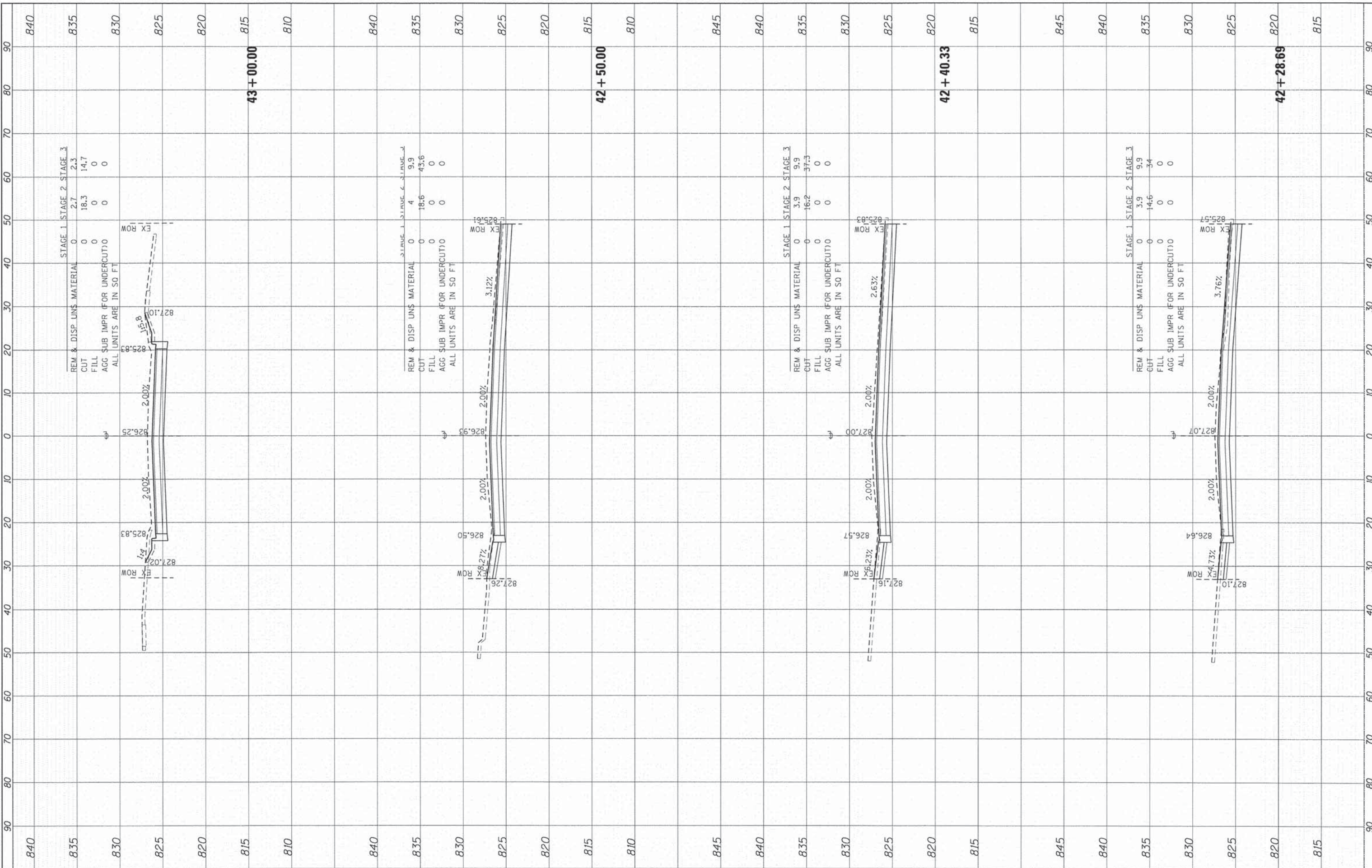


	USER NAME = dstanz PLOT SCALE = 1"=10' PLOT DATE = 9/4/2014	DESIGNED - TAY DRAWN - TAY CHECKED - JRM DATE - 8/18/14	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS          BODE ROAD</b>	SCALE: 1"=10' SHEET 24 OF 26 SHEETS STA. 40+50.00 TO STA. 42+00.00	F.A.U. R.T.E. 1318 SECTION 09-00099-00-PV COUNTY COOK TOTAL SHEETS 110 SHEET NO. 108 CONTRACT NO. 61A72 ILLINOIS FED. AID PROJECT
--	---	--	--	--	--	--	---

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		
NO.		

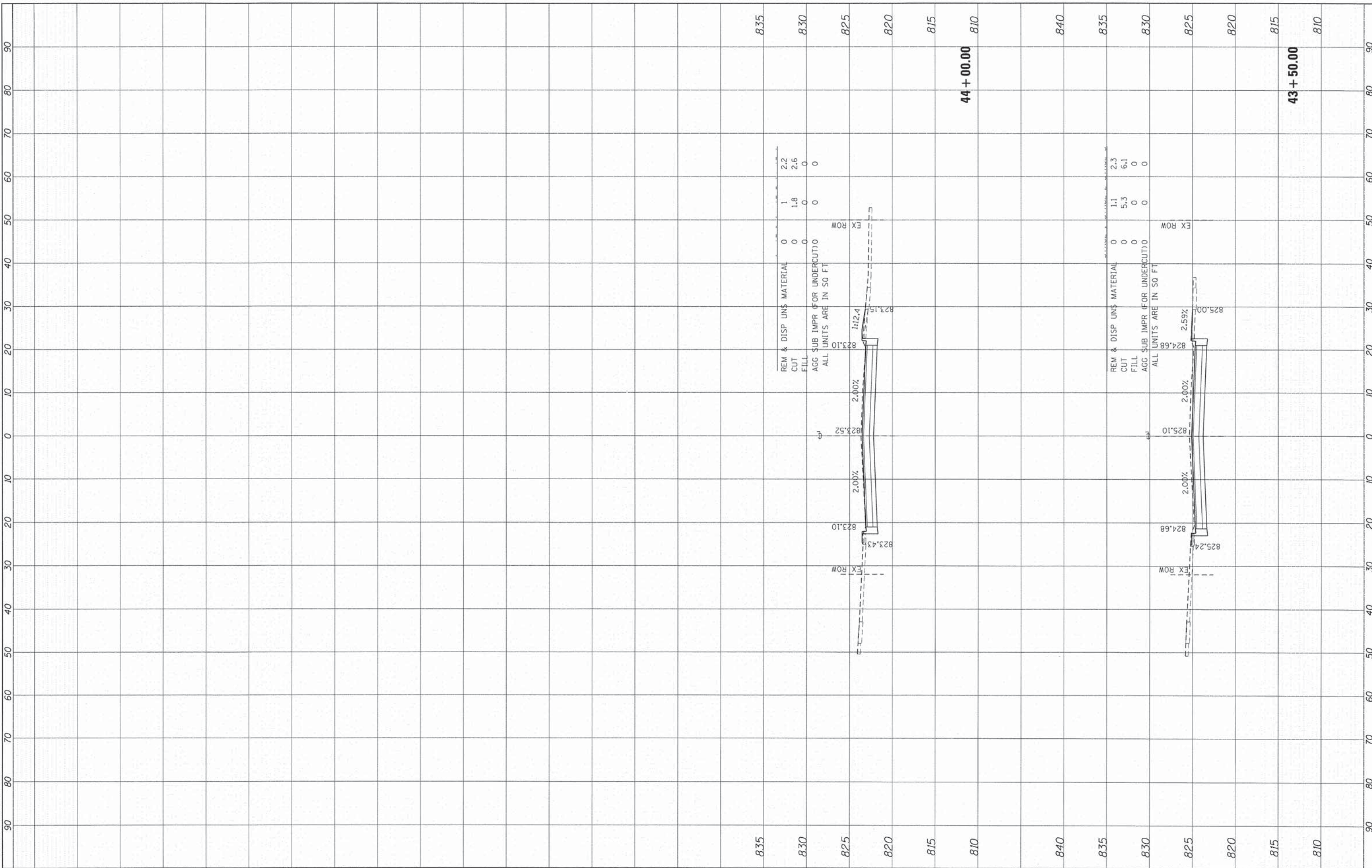
COMPANY NAME: HRGreen  
 PROJECT CONTACT: HRGreen.com  
 CLIENT: 9/4/2014 11:59:56 AM  
 DATE PLOTTED: 460-xsec\_bode.dgn  
 FILE NAME: pdf2pdf  
 PLOT DRIVER: s:\fontend\forms\scr\win-10\pcoo.tbl  
 PEN TABLE:



FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		

COMPANY NAME: HRGreen  
 PROJECT CONTACT: 9/4/2014 12:00:04 PM  
 CLIENT: 460-xsec.bode.dgn  
 DATE PLOTTED: 9/4/2014 12:00:04 PM  
 FILE NAME: 460-xsec.bode.dgn  
 PLOT DRIVER: pdfplot  
 PEN TABLE: srfondor-d-frans-screen-table.tbl



REM & DISP UNS MATERIAL	0	1	2.2
CUT	0	1.8	2.6
FILL	0	0	0
AGG SUB IMPR (FOR UNDERCUT)	0	0	0
ALL UNITS ARE IN SQ FT			

REM & DISP UNS MATERIAL	0	1.1	2.3
CUT	0	5.3	6.1
FILL	0	0	0
AGG SUB IMPR (FOR UNDERCUT)	0	0	0
ALL UNITS ARE IN SQ FT			

USER NAME	= dstencz
DESIGNED	- TAY
DRAWN	- TAY
CHECKED	- JRM
DATE	- 8/18/14

REVISIONS	REVISED -
REVISIONS	REVISED -
REVISIONS	REVISED -
REVISIONS	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
BODE ROAD	
SCALE: 1"=10'	SHEET 26 OF 26 SHEETS
STA. 43+50.00 TO STA. 44+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1318	09-00099-00-PV	COOK	110	110
CONTRACT NO.			61A72	
ILLINOIS FED. AID PROJECT				