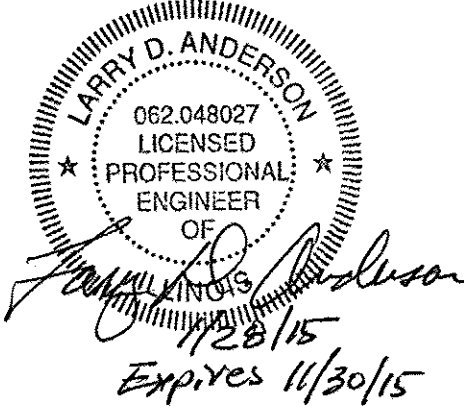
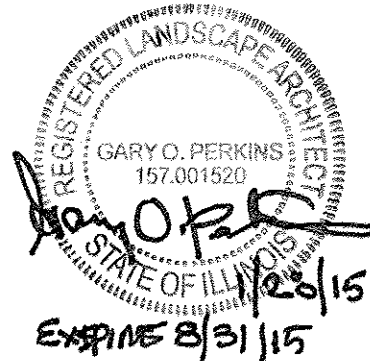


PLANS FOR PROPOSED
 CITY OF ALTON, ILLINOIS
**GREAT RIVERS FLOOD MEMORIAL &
 BRIDGE WEST BEAUTIFICATION**

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016-02 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 442101-07 CLASS B PATCHES
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 701101-04 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (800 mm) FROM PAVEMENT EDGE
- 701601-09 URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 SIDEWALK CORNER OR CROSSWALK CLOSURE
- 701901-04 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 836001-02 LIGHT POLE FOUNDATION



SECTIONS:
 10-00229-01-LS

MADISON COUNTY

PROJECT NO. SBIL-TE-00D8(151)
 JOB NO. C-98-304-11

PROJECT TEAM

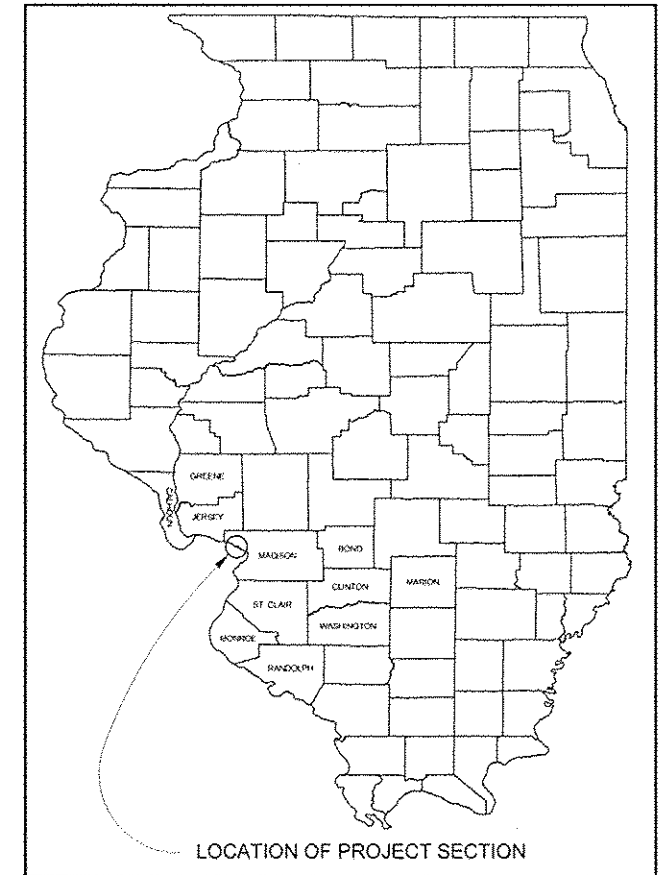


OWNER
 CITY OF ALTON, ILLINOIS
 101 East Third Street
 Alton, Illinois 62002
 (618) 463-3801

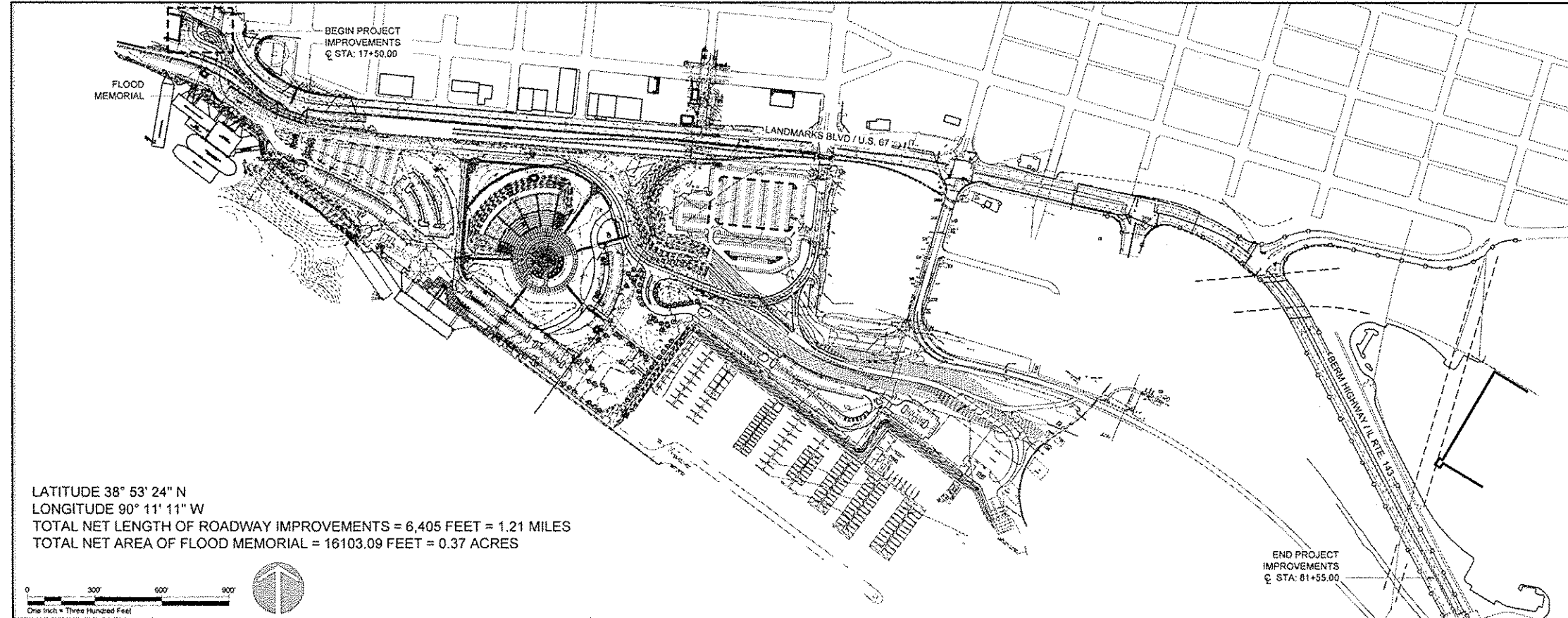
PRIME CONSULTANT / LANDSCAPE ARCHITECT
 PLANNING DESIGN STUDIO
 727 North First Street, Suite 360
 Saint Louis, Missouri, 63102
 Phone (314) 241-3800

CIVIL ENGINEER AND SURVEYOR
 SHEPPARD MORGAN & SCHWAAB, INC.
 215 Market Street
 P. O. Box E
 Alton, Illinois 62002
 Phone (618) 462-9755

STATE MAP



LOCATION MAP



ILLINOIS DEPT. OF TRANSPORTATION

APPROVED: 2-5-2015
 DATE
Brent Walker
 CITY OF ALTON MAYOR
 (TO BE SIGNED ONCE IDOT APPROVAL IS PROVIDED)

PASSED: March 2, 2015
 DATE
[Signature]
 DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
 BID BASED ON
 LIMITED REVIEW: March 2, 2015
 DATE
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

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

84+1 = (85)

NO.	REVISION	DATE	DATE:
			01/28/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

COVER SHEET

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	1
FEDERAL AID PROJECT ILLINOIS			CONTRACT NO. 97538	PROJ. NO. SBIL-TE-00D8(151)

ABBREVIATIONS USED (ALL SHEETS)

&	And	MAX	Maximum
@	At	MH	Manhole
±	Plus or Minus	MIN.	Minimum
A	Amp	MISC.	Miscellaneous
A/C	Access Control	N	Nothing Or North
ADD.	Additive	N.E.C.	National Electrical Code
A.F.F.	Above Finish Floor	N/E	Northeast
AGG.	Aggregate	N.I.C.	Not In Contract
AI	Area Inlet	NA, N/A	Not Applicable
ALT.	Alternative	NO.	Number
APPROX.	Approximate	NTS	Not To Scale
ASPH.	Asphalt	N/W	Northwest
ATG	Adjust To Grade	O.D.	Outside Diameter
BC	Bottom of Curb	PC	Point Of Curvature
BLDG	Building	P.C.C.	Portland Cement Concrete
BM	Benchmark	PH	Phase
BOTT	Bottom	PI	Point of Intersection
BW	Bottom Of Wall	PL	Property Line
C-C	Center to Center	PN	Product Number/Part Number
C.F.S.	Cubic Feet Per Second	P.O.B.	Point Of Beginning
CI	Curb Inlet	PROP.	Proposed
C.I.P.	Cast In Place	PSI	Pounds Per Square Inch
C.J.	Contraction Joint	PT	Point of Tangency
CST.JT.	Construction Joint	PVC	Polyvinyl Chloride
☐	Centerline	PVMT.	Pavement
C.L.	Centerline	Q. CPLR	Quick Coupler
CLR.	Clear	R. RAD.	Radius
C.P.	Control Point	RCP	Reinforced Concrete Pipe
CONC.	Concrete	REINF.	Reinforcing
CONT.	Continuous or Container	REQD.	Required
CONST.	Construct/Construction	RET.	Retaining
C.O.	Cleanout	RR	Railroad
C.Y., CU YD	Cubic Yard	ROW	Right-of-Way
C & G	Curb & Gutter	RDWY	Roadway
DEMO	Demolish	RTE	Route
DI.	Diameter	SAN	Sanitary Sewer
D.I.	Drainage Inlet or Drop Inlet	SCH	Schedule
DTL.	Detail	S/E	Southeast
DTLS.	Details	S.F.	Square Feet Or Square Foot
E	Easting Or East	SHT.	Sheet
E.J.	Expansion Joint	SHTS.	Sheets
E.W.	Each Way	SS, S.S.	Storm Sewer
EA	Each	SQ.	Square
ELEC.	Electrical Or Electric	SQ FT	Square Feet
ELEV.	Elevation	SQ YD	Square Yard
EOP	Edge of Pavement	STA.	Station
EW	Each Way	STD	Standard
EXIST.	Existing	S/W	Southwest
EX.	Existing	T.B.	Top Bars
EXP.	Expansion Or Exposed	TBM	Temporary Benchmark
FAP	Federal Aid Primary	TBR	To Be Removed
FAS	Federal Aid Secondary	T.C.	Top Of Curb
FAUS	Federal Aid Urban Secondary	TELE	Telephone
FDN	Foundation	T.F.	Top Of Footing
FES	Flared-End Section	THK	Thick
F.F.	Finished Floor	TSD	Tree Spade Dug
F.F.E.	Finished Floor Elevation	TS	Traffic Signal
F.G.	Finished Grade	TSCB	Traffic Signal Control Box
FH	Fire Hydrant	TW	Top of Wall
FL	Flow Line	TYP.	Typical
FF	Finished Floor	U.I.P.	Use In Place
FTG.	Fitting	U.L.	Underwriters Laboratories
F & G	Frame & Grate	UON	Unless Otherwise Noted
GFI	Ground Fault Interrupter	U.V.	Ultraviolet
GP	Guy Pole	V	Volt
GW	Guy Wire	VBOX	Valve Box
GRD.	Ground	V.C.P.	Vitrified Clay Pipe
HDPE	High Density Polyethylene	Veg.	Vegetation
HMA	Hot-Mix Asphalt	VERT	Vertical
HORZ	Horizontal	W	Westing or West
HP	High Point	W.L.	Water Level
INV.	Invert	W.W.F.	Welded Wire Fabric
IP	Iron Pipe	W	With
IR	Iron Rod	W/O	Without
JCT	Junction	WP	Water Proof
JT.	Joint	WV	Water Valve
L	Length		
L.F	Linear Feet or Linear Feet		
LBS FT	Pounds Per Foot		
L.F.	Linear Foot		
LP	Low Point		

GENERAL NOTES

- GENERAL NOTES**
- ALL PROJECT WORK IS GOVERNED BY APPLICABLE SECTIONS OF 'IDOT STANDARD SPECIFICATIONS' AND AS MODIFIED BY PROJECT SPECIAL PROVISIONS.
 - THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL REQUIRE 48 HOURS ADVANCE NOTICE FROM THE CONTRACTOR PRIOR TO IMPLEMENTATION OF LANDSCAPE ACTIVITIES.
 - THE CONTRACTOR WILL COORDINATE AN APPROVAL OF IRRIGATION SYSTEM DESIGN AND A FIELD REVIEW OF THE IRRIGATION SYSTEM INSTALLATION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL CONDUCT A FINAL INSPECTION OF THE IRRIGATION SYSTEM AND THE DECORATIVE LIGHTING UNITS PRIOR TO THE CITY OF ALTON APPROVING THESE ITEMS.
 - CONTRACTOR SHOULD BE AWARE THAT CONCURRENT WORK MAY EXIST WITHIN THE PROJECTS LIMITS DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE THE PROJECT WORK WITH OTHER CONCURRENT WORK TO AVOID CONFLICTS AND DELAYS. REFER TO ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - ANY EXCESS SOIL MATERIAL SHALL BE KEPT ON SITE AND SPOILED WITHIN THE SAME VICINITY FROM WHICH IT WAS REMOVED.

SITE INFORMATION NOTES

- PROJECT DIMENSIONS AND BENCHMARKS ARE BASED ON CONTROL POINTS USED IN A SITE SURVEY PREVIOUSLY CONDUCTED BY SHEPPARD MORGAN & SCHWAAB, INC. (618) 462-9755.
- UNDERGROUND FACILITIES STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND INFORMATION AND, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. VERIFICATION OF LOCATION OF ALL UNDERGROUND STRUCTURES AND FACILITIES EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION ACTIVITIES CANNOT OBSTRUCT OR LIMIT IN ANYWAY ACCESS INTO AND OUT OF RIVERFRONT PARK OR IMPACT ACCESS TO LOCAL ROADS AND BUSINESSES / PARKING LOT

ENTRANCES AND EXITS.

SITE UTILITY NOTES

- FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED WITHIN THE N/W & N/E QUARTER OF SECTION 14 AND N/W & S/W QUARTER OF SECTION 13, TOWNSHIP 5 NORTH, RANGE 10, WEST OF THE THIRD PRINCIPAL MERIDIAN.
- PROPOSED UTILITIES ON THIS PROJECT ARE LIMITED TO LOW VOLTAGE ELECTRICAL FOR SOLAR POWERED SIGN LIGHTING AND WATER UTILITIES ASSOCIATED WITH THE DRIP IRRIGATION SYSTEM. COORDINATE ALL REQUIREMENTS FOR WORK WITH UTILITY PROVIDERS.
- CONTACT INFORMATION:

AMEREN ILLINOIS
BRAD LONG
ENERGY SERVICES CONSULTANT
DIVISION IV - ALTON, ILLINOIS
P.O. BOX 478
ALTON, ILLINOIS 62002
PHONE: (618) 463-4030 (GAS),
(618) 463-4051 (ELECTRIC)
FAX: (618) 463-4000
BLONG@AMEREN.COM

ILLINOIS AMERICAN WATER CO.
4436 INDUSTRIAL DRIVE
P.O. BOX 186
ALTON, ILLINOIS 62002
(618) 466-2131

CITY OF ALTON PUBLIC WORKS DEPARTMENT - SEWER
#2 EMMA L. KAUS LANE
ALTON, ILLINOIS 62002
(618) 463-3530

AT&T
DARREN SIMMONS
160 WEST DIVISION ST
MARYVILLE, IL 62062
(618) 346-6499

CHARTER COMMUNICATIONS
815 CHARTER COMMONS
TOWN & COUNTRY, MO 63017
GARY WARREN
(618) 779-4179

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - DISTRICT 6
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, IL 62234-6198
(618) 346-3110

COMMITMENTS

- REVISE PARKING ADJACENT TO CON-AGRA BUILDING TO MITIGATE CONFLICTS WITH TURNING MOVEMENT INTO ENTRANCE DRIVE TO THE EXTENT FEASIBLE.

INDEX OF SHEETS

SHEET TITLE	SHEET NUMBER	SHEET TITLE	SHEET NUMBER
Cover Sheet	1	BRIDGE WEST	
General Notes	2	Demolition and Site Preparation Plan	31 - 37
Summary of Quantities	3	Layout Plan	38 - 49
Schedule of Quantities	4 - 6	Erosion Control Plan	50 - 56
Benchmark & Control Points	7	Erosion Control Details	57
FLOOD MEMORIAL		Landscape Plan	58 - 64
Existing Conditions	8	Landscape Details	65
Existing Conditions Site Photos	9	Irrigation Plan	66 - 72
Demolition and Site Preparation Plan	10	Irrigation Details	73
Overall Improvements Plan	11	Construction Details	74
Layout Plan	12	Sign Post & Bollard Details	75
Wall & Joint Layout Plan	13	Traffic Control	76 - 84
Grading Plan	14 - 15		
Erosion Control Plan	16		
Erosion Control Details	17		
Pavement Marking Details	18		
Landscape Plan	19		
Landscape Details	20		
Irrigation System Components	21		
Irrigation Plan	22		
Irrigation Details	23		
Construction Details	24 - 25		
Site Furnishing & Signage	26 - 27		
Existing Interpretive Sign Example Photos	28		
Solar Powered Lighting Details	29		
Traffic Control	30 - 30.1		

Note: 85 sheets total including sheet 30.1

CONTACT JULIE AT 811 OR 800-892-0123
With the following:
County MADISON
City/Township ALTON
Sec & 1/4 Sec No. 14 (NW & NE), 13 (NW & SW)
48 HOURS (2 working days) BEFORE YOU DIG



All the improvements, facilities and utilities, above ground and underground shown herein were plotted from available information and do not necessarily reflect the actual existence, nonexistence, elevation, shape, size, type, number or location of these or other improvements, facilities, or utilities. The Contractor shall be responsible for verifying the actual location and elevation of all improvements, facilities and utilities, shown and not shown and said improvements, facilities and utilities shall be located in the field prior to any grading, excavation or construction of any improvements.

These provisions above shall in no way relieve any party from complying with Illinois State Law.

CALL ILLINOIS ONE-CALL, 811 OR 800-892-0123, OR VISIT WWW.ILLINOIS1CALL.COM

NO.	REVISION	DATE	DATE:
			01/28/2015

DRAWN BY:
GGV/SET

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

GENERAL NOTES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00225-01-LS	MADISON	84	2

CONTRACT NO. 97539
PROJ. NO. 581L-TE-0006(151)
ILLINOIS
FEDERAL AID PROJECT

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	ITEM 80% FEDERAL 20% LOCAL ENHANCEMENT ITEMS	SCENIC 80% FEDERAL 20% LOCAL SCENIC BYWAY ITEMS	100% LOCAL NON-PARTICIPATING ITEMS
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	60	60	0	0
20200100	EARTH EXCAVATION	CU YD	256	246	10	0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	691	616	275	0
21101810	TOPSOIL FURNISH AND PLACE, 3"	SQ YD	1159	1159	0	0
21101825	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	415	0	415	0
21101835	TOPSOIL FURNISH AND PLACE, 9"	SQ YD	90	90	0	0
21101845	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	1336	1137	199	0
21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	939	939	0	0
21101810	COMPOST FURNISH AND PLACE, 3"	SQ YD	1159	1159	0	0
28000400	PERIMETER EROSION BARRIER	FOOT	7283	6963	320	0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	255	0	255	0
40600315	HOT-MX ASPHALT SURFACE, MX C, N70	TONS	32	0	32	0
40800050	INCIDENTAL HOT-MX ASPHALT SURFACING	TON	8	0	8	0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	2348	2348	0	0
42400800	DETECTABLE WARNINGS	SQ FT	60	0	60	0
44000100	PAVEMENT REMOVAL	SQ YD	1313	618	695	0
44000157	HOT-MX ASPHALT SURFACE REMOVAL, 2"	SQ YD	277.5	0	277.5	0
44000300	CURB REMOVAL	FOOT	633	370	263	0
44000800	SIDEWALK REMOVAL	SQ FT	1523	1523	0	0
44003100	MEDIAN REMOVAL	SQ FT	150	150	0	0
44200948	CLASS B PATCHES, TYPE I, 9 INCH	SQ YD	26.66	26.66	0	0
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	51.11	51.11	0	0
44201289	DOWEL BARS 1-1/2"	EACH	122	122	0	0
44213100	PAVEMENT FABRIC	SQ YD	51.11	51.11	0	0
44213200	SAW CUTS	FOOT	140	140	0	0
60109520	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	180	180	0	0
60600605	CONCRETE CURB, TYPE B	FOOT	190	0	190	0
60605100	COMBINATION CONCRETE CURB & GUTTER, B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	350	350	0	0
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	150	150	0	0
63000901	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	392.0	0	0	392.0
63100285	TRAFFIC BARRIER TERMINAL, TYPE 1 (SALVAGED)	EACH	1	0	0	1
63100295	TRAFFIC BARRIER TERMINAL, TYPE 2 (SALVAGED)	EACH	1	0	0	1
67100100	MOBILIZATION	L SUM	1	0.5	0.5	0
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	29.4	0	29.4	0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	29.4	0	29.4	0
72000100	SIGN PANEL TYPE 1	SQ FT	15	0	15	0
72400100	REMOVE SIGN PANEL ASSEMBLY-TYPE A	EACH	7	5	2	0
72400500	RELOCATE SIGN PANEL ASSEMBLY-TYPE A	EACH	3	3	0	0
73000100	WOOD SIGN SUPPORT	FOOT	56	0	56	0
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	26	0	26	0
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	116	0	116	0
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	100	0	100	0
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	150	0	150	0
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	25	0	25	0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	28	0	28	0
80300100	LOCATING UNDERGROUND CABLES	FOOT	1500	1500	0	0
A2004516	TREE, GINKGO BILOBA PRINCETON (PRINCETON SENTRY GINKO), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7	0	0
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	0	0
A2008116	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLELEAF LINDEN), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10	0	0
B2000770	TREE, AMELANCHIER X GRADIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	0	0
B2001116	TREE, CERIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	-18- 12	-14- 8	4	0
B2004916	TREE, MALUS SARGENTII TINA (TINA SARGENT CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	9	9	0	0
B2004987	TREE, MALUS SENTINEL (SENTINEL CRABAPPLE), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	9	9	0	0
C2000436	SHRUB, ARONIA ARBUTIFOLIA BRILLIANTISSIMA (BRILLIANT RED CHOKEBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	33	33	0	0
C2011836	SHRUB, VIBURNUM DENTATUM MORTON (NORTHERN BURGANDY ARROWWOOD VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	39	39	0	0
C2C01024	SHRUB, BUXUS MICROPHYLLA WINTERGREEN, (WINTERGREEN LITTLELEAF BOXWOOD), 2' HEIGHT, CONTAINER	EACH	47	0	47	0
C2C041G5	SHRUB, ITEA VIRGINICA LITTLE HENRY, (LITTLE HENRY VIRGINIA SWEETSPIRE), CONTAINER GROWN, 5-GALLON	EACH	165	154	11	0
C2C058G2	SHRUB, RHUS AROMATICA GRO-LOW, (GRO-LOW FRAGRANT SUMAC), CONTAINER GROWN, 2-GALLON	EACH	121	121	0	0
C2C11752	SHRUB, VIBURNUM DENTATUM (CHRISTOPHERS BLUE MUFFIN VIBURNUM) 2' HEIGHT, CONTAINER	EACH	73	60	13	0
D2002088	EVERGREEN, PICEA OMORIKA (SERBIAN SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	-27- 23	-24- 20	3	0
K0012950	HERBICIDE SPRAYING	ACRE	1.62 1.67	1.62 1.67	0	0
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	8.25	3.81	4.44	0
K0012992	PERENNIAL PLANTS, ORNAMENTAL TYPE, 2-GALLON POT	UNIT	0.28	0	0.28	0

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	ITEM 80% FEDERAL 20% LOCAL ENHANCEMENT ITEMS	SCENIC 80% FEDERAL 20% LOCAL SCENIC BYWAY ITEMS	100% LOCAL NON-PARTICIPATING ITEMS
K0013010	PERENNIAL PLANTS, PRAIRIE TYPE, QUART POT	UNIT	4.82	3.21	1.41	0
K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	3.43- 2.76	-3.01- 2.34	0.42	0
K1001988	IRRIGATION SYSTEM, SPECIAL	L SUM	1	1	0	0
K1005481	SHREDDED BARK MULCH 3"	SQ YD	2074- 2064	-1844- 1831	233	0
LR430050	CONCRETE PAVER SIDEWALK	SQ YD	272	0	272	0
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	2	0	2	0
X0325106	IRRIGATION SYSTEM FALL SHUT-DOWN	EACH	6	6	0	0
X0325107	IRRIGATION SYSTEM SPRING START-UP	EACH	6	6	0	0
X0327018	DECORATIVE SIGN POST	EACH	11	11	0	0
X0410100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	-317- 0	-317- 0	0	0
X2520650	SODDING SALT TOLERANT, (SPECIAL)	SQ YD	-8946- 9035	-8690- 8620	415	0
X2600500	INLET PROTECTION, SPECIAL	EACH	38	37	1	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5	0
XX000959	TRASH RECEPTACLE	EACH	1	0	1	0
XX001244	RETAINING WALL	FOOT	65	0	65	0
XX002202	VEHICULAR CONTROL BOLLARDS	EACH	52	52	0	0
XX007825	ORNAMENTAL FENCE, WROUGHT IRON, SPECIAL	FOOT	20.34	20.34	0	0
XX008441	BICYCLE RACKS, TYPE 1	EACH	1	0	1	0
XX008553	RETAINING WALL, SPECIAL	FOOT	85	0	85	0
XZ127992	RETAINING WALL, SPECIAL	SQ FT	-860- 0	-860- 0	0	0
Z0003850	BENCHES	EACH	6	0	6	0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5	0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5	0
Z0062002	SAW CUTTING (FULL DEPTH)	FOOT	1115	780	335	0
XX009016	INTERPRETIVE SIGN SYSTEM COMPLETE	L-SUM	1	0	1	0
XX009017	EROSION CONTROL PANEL	SQ FT	-48- 16	-48- 16	0	0
XX009018	PORTLAND CEMENT CONCRETE BANDING, 12"	SQ FT	62	0	62	0
XX009019	PORTLAND CEMENT CONCRETE BANDING, 24"	SQ FT	636	0	636	0
A2001030	TREE, ACER RUBRUM SCARLET SENTINEL (SCARLET SENTINEL MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	0	0
B200252A	TREE, MAGNOLIA VIRGINIANA MOONGLOW (MOONGLOW SWEETBAY MAGNOLIA), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	9	9	0	0
D2001715	EVERGREEN, JUNIPERUS VIRGINIANA TAYLOR (TAYLOR RED CEDAR), 8' HEIGHT, BALLED AND BURLAPPED	EACH	3	0	3	0

Δ SPECIALTY ITEMS

NO.	REVISION	DATE	DATE: 01/28/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

SUMMARY OF QUANTITIES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	3
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-0008(151)		
FEDERAL AID PROJECT		ILLINOIS		

EARTHWORK SCHEDULE							
	UNIT	EARTH EXCAVATION NOTE 01	EMBANKMENT NOTE 02	BALANCE NOTE 03	SHEET REFERENCE	STATION REFERENCE	COMMENTS
SCENIC BYWAY	CU.YD.	10	-	-	10, 24 & 25	16+75 RT. 18+50 RT.	NO EMBANKMENT - REFER TO OTHER SCHEDULES
TOTAL	CU.YD.	10	-	-			
ENHANCEMENT	CU.YD.	22	-	-	31	18+04 RT. 19+84.79 RT.	TOPSOIL FILL IN AREA
	CU.YD.	15	-	-	34	45+89.50 LT. 46+43.66 LT.	TOPSOIL FILL IN AREA
	CU.YD.	10	-	-	34	48+51.85 LT. 49+29.73 LT.	TOPSOIL FILL IN AREA
	CU.YD.	10	-	-	34	50+50.95 LT. 51+13.92 LT.	TOPSOIL FILL IN AREA
	CU.YD.	45	-	-	34	51+89.48 LT. 52+48.14 LT.	TOPSOIL FILL IN AREA
	CU.YD.	8	-	-	34	52+93.89 LT. 53+48.28 LT.	TOPSOIL FILL IN AREA
	CU.YD.	19	-	-	34	50+37.53 RT. 51+08.87 RT.	TOPSOIL FILL IN AREA
	CU.YD.	11	-	-	34	51+84.59 RT. 52+58.87 RT.	TOPSOIL FILL IN AREA
	CU.YD.	36	-	-	36	70+37.50 C/L 72+00.00 C/L	TOPSOIL FILL IN AREA
	CU.YD.	34	-	-	36/37	74+25.00 C/L 75+75.00 C/L	TOPSOIL FILL IN AREA
	CU.YD.	36	-	-	37	78+00.00 C/L 79+75.00 C/L	TOPSOIL FILL IN AREA
Note: Topsoil fill for the above excavated areas are included in topsoil schedules for the various depths specified							
TOTAL	CU.YD.	266	-	-	256		

NOTE 01 - All excavation to be disposed off site as unsuitable material
 NOTE 02 - APPROXIMATE QUANTITY SHOWN FOR REFERENCE (Not applicable - area is being built up with other pay item materials)
 NOTE 03 - APPROXIMATE EARTHWORK BALANCE SHOWN FOR REFERENCE (Not applicable - refer to Note 01 & 02)

COMPOST SCHEDULE						
	UNIT	COMPOST F & P 3" DEPTH	COMPOST F & P 2" DEPTH	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY		-	-	-	-	-
ENHANCEMENT	SQ.YD.	88	-	13 & 27	45+89.50 LT. 46+43.66 LT.	Planting Bed
	SQ.YD.	60	-	13 & 27	48+51.85 LT. 49+29.73 LT.	Planting Bed
	SQ.YD.	61	-	13 & 27	50+50.95 LT. 51+13.92 LT.	Planting Bed
	SQ.YD.	88	-	13 & 27	51+89.48 LT. 52+48.14 LT.	Planting Bed
	SQ.YD.	47	-	13 & 27	52+93.89 LT. 53+48.28 LT.	Planting Bed
	SQ.YD.	113	-	13 & 27	50+37.53 RT. 51+08.87 RT.	Planting Bed
	SQ.YD.	66	-	13 & 27	51+84.59 RT. 52+58.87 RT.	Planting Bed
	SQ.YD.	215	-	15 & 31	70+37.50 C/L 72+00.00 C/L	Planting Bed
	SQ.YD.	203	-	15/16 & 31/32	74+25.00 C/L 75+75.00 C/L	Planting Bed
	SQ.YD.	218	-	16 & 32	78+00.00 C/L 79+75.00 C/L	Planting Bed
	SQ.YD.	-	234	15	68+61.78 C/L 70+37.50 C/L	Median Sod Area
	SQ.YD.	-	286	15 & 16	72+00.00 C/L 74+25.00 C/L	Median Sod Area
	SQ.YD.	-	307	16	75+75.00 C/L 78+00.00 C/L	Median Sod Area
	SQ.YD.	-	112	16	79+75.00 C/L 81+55.00 C/L	Median Sod Area
TOTALS		1169	939			

PERIMETER EROSION BARRIER, EROSION CONTROL PANEL & INLET PROTECTION, SPECIAL SCHEDULE							
	UNIT	PERIMETER EROSION BARRIER	INLET PROTECTION, SPECIAL	EROSION CONTROL PANEL	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY	EACH	-	1	-	16	17+55 RT.	TUBULAR FILTER
	FOOT	320	-	-	16	17+00 RT.	SILT FENCE
ENHANCEMENT	EACH	-	10	-	36	18+25 C/L 24+00 C/L	TUBULAR FILTER
	FOOT	420	-	-	36	18+04 RT. 22+41 RT.	SILT FENCE
	FOOT	224	-	-	36	18+04 RT. 20+25 RT.	ROLLED EXCELSIOR
	EACH	-	1	-	36	23+85 RT.	TUBULAR FILTER
	FOOT	295	-	-	36	22+25 RT. 25+00 RT.	ROLLED EXCELSIOR
	FOOT	292	-	-	36	22+25 RT. 25+00 RT.	SILT FENCE
	EACH	-	1	-	37	34+75 LT.	TUBULAR FILTER
	FOOT	294	-	-	38	34+75 LT. 37+50 LT.	ROLLED EXCELSIOR
	EACH	-	3	-	38	36+00 LT. 37+37 LT.	TUBULAR FILTER
	FOOT	156	-	-	38	39+65 LT. 40+91 LT.	ROLLED EXCELSIOR
	EACH	-	3	-	38	40+35 LT. 40+70 LT.	TUBULAR FILTER
	FOOT	114	-	-	38	41+20 LT. 42+20 LT.	ROLLED EXCELSIOR
	EACH	-	4	-	38	41+40 LT. 42+00 LT.	TUBULAR FILTER
	FOOT	96	-	-	38	44+57 LT. 45+04 LT.	ROLLED EXCELSIOR
	FOOT	316	-	-	39	45+89 LT. 48+75 LT.	ROLLED EXCELSIOR
	FOOT	265	-	-	39	49+15 LT. 51+14 LT.	ROLLED EXCELSIOR
	EACH	-	2	-	39	48+47 LT. 48+53 LT.	TUBULAR FILTER
	EACH	-	2	-	39	49+40 LT. 49+50 LT.	TUBULAR FILTER
	EACH	-	3	-	39	51+27 LT. 51+30 LT.	TUBULAR FILTER
	FOOT	215	-	-	39	51+85 LT. 53+48 LT.	ROLLED EXCELSIOR
	EACH	-	5	-	39	51+80	TUBULAR FILTER
	FOOT	152	-	-	39	50+25 RT. 51+12 RT.	ROLLED EXCELSIOR
	FOOT	166	-	-	39	51+70 RT. 53+00 RT.	ROLLED EXCELSIOR
	EACH	-	2	-	39	51+15 RT. 51+70 RT.	TUBULAR FILTER
	FOOT	460	-	-	39 & 40	51+90 RT. 56+60 RT.	SILT FENCE
	FOOT	919	-	-	40	55+75 LT. 64+35 LT.	SILT FENCE
	SQ.FT.	-	-	48	44 & 45	58+75 LT. 60+16 LT.	HDPE PANEL
	EACH	-	1	-	41	70+40 LT.	TUBULAR FILTER
	FOOT	1287	-	-	41 & 42	68+61.78 C/L-LT. 81+55 C/L-LT.	ROLLED EXCELSIOR
	FOOT	1292	-	-	41 & 42	68+61.78 C/L-RT. 81+55 C/L-RT.	ROLLED EXCELSIOR
TOTALS		7283	39	48			

TOPSOIL SCHEDULE									
	UNIT	TOPSOIL F & P 3	TOPSOIL F & P 6	TOPSOIL F & P 9	TOPSOIL F & P 12	TOPSOIL F & P -SPL-	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY	SQ.YD.	-	415	-	-	-	10, 19 & 25	17+00 RT. 18+50 RT.	Sod Areas
	SQ.YD.	-	-	-	199	-	10, 19 & 25	17+00 RT. 18+50 RT.	Planting Beds
ENHANCEMENT	SQ.YD.	-	-	90	-	-	31 & 58	18+04 RT. 19+84.79 RT.	Area at Back of Curb
	SQ.YD.	-	-	-	618	-	31 & 58	19+34 RT. 22+41 RT.	Rt. Turn Lane Area
	SQ.YD.	-	-	-	208	-	33 & 60	39+64.76 LT. 40+90.85 LT.	Area at Back of Walk
	SQ.YD.	-	-	-	112	-	33 & 60	41+20.16 LT. 42+20.36 LT.	Area at Back of Walk
	SQ.YD.	-	-	-	65	-	33 & 60	44+57.07 LT. 45+04.34 LT.	Planting Bed
	SQ.YD.	-	-	-	134	-	34 & 61	51+66.53 RT. 53+06.82 RT.	Behind Curb
	SQ.YD.	88	-	-	-	-	34 & 61	45+89.50 LT. 46+43.66 LT.	Planting Bed
	SQ.YD.	60	-	-	-	-	34 & 61	48+51.85 LT. 49+29.73 LT.	Planting Bed
	SQ.YD.	61	-	-	-	-	34 & 61	50+50.95 LT. 51+13.92 LT.	Planting Bed
	SQ.YD.	88	-	-	-	-	34 & 61	51+89.48 LT. 52+48.14 LT.	Planting Bed
	SQ.YD.	47	-	-	-	-	34 & 61	52+93.89 LT. 53+48.28 LT.	Planting Bed
	SQ.YD.	113	-	-	-	-	34 & 61	50+37.53 RT. 51+08.87 RT.	Planting Bed
	SQ.YD.	66	-	-	-	-	34 & 61	51+84.59 RT. 52+58.87 RT.	Planting Bed
	CU.YD.	-	-	-	-	-317	-35 & 62	58+65.46 LT. 60+60.36 LT.	Raised Planter
	SQ.YD.	215	-	-	-	-	36 & 63	70+37.50 C/L 72+00.00 C/L	Planting Bed
	SQ.YD.	203	-	-	-	-	36/37 & 63/64	74+25.00 C/L 75+75.00 C/L	Planting Bed
	SQ.YD.	218	-	-	-	-	37 & 64	78+00.00 C/L 79+75.00 C/L	Planting Bed
TOTALS		1159	415	90	1,338	-317			

DEMOLITION & SITE PREPARATION SCHEDULE													
	UNIT	PAVEMENT REMOVAL	CURB REMOVAL	SIDEWALK REMOVAL	REMOVE SIGN PANEL ASSEMBLY, TYPE A	SAW CUTTING	REMOVE & DISPOSAL OF UNSUITABLE MATERIAL	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	RELOCATE SIGN PANEL ASSEMBLY, TYPE A	MEDIAN REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL 2"	SHEET REFERENCE	STATION REFERENCE
SCENIC BYWAY	SQ.YD.	695	-	-	-	-	-	-	-	-	-	10	17+00 RT. 18+50 RT.
	FOOT	-	263	-	-	-	-	-	-	-	-	10	17+00 RT. 18+50 RT.
	SQ.FT.	-	-	1316	-	-	-	-	-	-	-	10	17+00 RT. 18+50 RT.
	EA	-	-	-	2	-	-	-	-	-	-	10	17+00 RT. 18+50 RT.
	FOOT	-	-	-	-	335	-	-	-	-	-	10	17+00 RT. 18+50 RT.
	CU.YD.	-	-	-	-	-	275	-	-	-	-	10	17+00 RT. 18+50 RT.
	SQ.YD.	-	-	-	-	-	-	-	-	-	277.5	10	17+00 RT. 18+50 RT.
TOTALS		695	263	1316	2	335	275	-	-	-	277.5		
ENHANCEMENT	FOOT	-	350	-	-	-	-	-	-	-	-	31	19+34 RT. 22+41 RT.
	FOOT	-	20	-	-	-	-	-	-	-	-	31	21+50 LT. 21+70 LT.
	SQ.YD.	618	-	-	-	-	-	-	-	-	-	31	19+34 RT. 22+41 RT.
	SQ.YD.	-	-	207	-	-	-	-	-	-	-	31, 38 & 39	21+50 LT. 21+70 LT.
	FOOT	-	-	-	-	20	-	-	-	-	-	31	21+50 LT. 21+70 LT.
	SQ.FT.	-	-	-	-	-	-	-	150	-	-	31	21+50 C/L 21+60 C/L
	EA	-	-	-	5	-	-	-	-	-	-	34 & 35	46+75 LT., 48+90 LT., 49+65 LT., 56+50 LT.,
	EA	-	-	-	-	-	-	-	3	-	-	35 & 36	58+10 LT., 74+15 LT. &
	FOOT	-	-	-	-	760	-	-	-	-	-	31, 33, 38, 39, 41, 42, 44, 46, 47 & 48	20+95 C/L to 21+35 C/L, 41+38 C/L to 41+78 C/L, 56+35 C/L to 57+05 C/L, 66+47 C/L, 19+34 RT. to 22+42 RT., 40+20 LT. to 40+90.85 LT., & 41+20.16 LT. to 42+20.36 LT. C/L saw cutting associated with decorative sign posts and vehicular control bollard locations.
	UNIT	-	-	-	-	-	-	50	-	-	-	33	43+00 RT. 44+65 RT.
	UNIT	-	-	-	-	-	-	10	-	-	-	34	55+00 RT.
	CU.YD.	-	-	-	-	-	616	-	-	-	-	31 TO 36	SEE COMMENTS
TOTALS		618	370	207	5	780	616	60	3	150	-		

NOTE: REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS STATIONING REFERENCES NOT INDICATED. THESE MATERIALS OCCUR AT VARIOUS LOCATIONS THROUGHOUT THE PROJECT LIMITS

GUARDRAIL SCHEDULE						
	UNIT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SALVAGED)	TRAFFIC BARRIER TERMINAL, TYPE 2 (SALVAGED)	SHEET REFERENCE	STATION REFERENCE
ENHANCEMENT	FOOT	392	-	-	44	60+01 LT. 63+78 LT.
	EACH	-	-	-	44	60+01 LT.
	EACH	-	-	1	44	63+78 LT.
TOTALS		392	-	1		

NO.	REVISION	DATE	DATE: 01/28/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

SCHEDULE OF QUANTITIES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	4
FEDERAL AID PROJECT		CONTRACT NO. 97539 PROJ. NO. SBIL-TE-0008(151) ILLINOIS		

SODDING, HERBICIDE SPRAYING & IRRIGATION SYSTEM, SPECIAL SCHEDULE										
	UNIT	SODDING SALT TOLERANT, (SPECIAL)	SODDING SALT TOLERANT, (SPECIAL)	HERBICIDE SPRAYING	IRRIGATION SYSTEM, SPECIAL	IRRIGATION SYSTEM SPRING START-UP	IRRIGATION SYSTEM FALL SHUT-DOWN	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY ENHANCEMENT	SQ. YD.	415	-	-	-	-	-	19	16+75 RT. 18+50 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	77	-	-	-	-	58	17+84 LT. 18+48 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.015	-	-	-	58	17+84 LT. 18+48 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	89	-	-	-	-	-	58	18+04 RT. 19+85 RT.	EXCAVATED AREAS - PLACED OVER TOPSOIL FILL
	SQ. YD.	398	-	-	-	-	-	58	18+85 RT. 22+25 RT.	EXCAVATED AREAS - PLACED OVER TOPSOIL FILL
	SQ. YD.	-	399	-	-	-	-	58	22+25 RT. 25+00 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.085	-	-	-	58	22+25 RT. 25+00 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	339	-	-	-	-	59 & 60	34+76 LT. 37+51 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.07	-	-	-	59 & 60	34+76 LT. 37+51 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	214	-	-	-	-	-	60	39+63 LT. 40+01 LT.	EXCAVATED AREAS - PLACED OVER TOPSOIL FILL
	SQ. YD.	112	-	-	-	-	-	60	41+19 LT. 42+19 LT.	EXCAVATED AREAS - PLACED OVER TOPSOIL FILL
	SQ. YD.	-	684	-	-	-	-	61	45+79 RT. 51+13 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.14	-	-	-	61	45+79 RT. 51+13 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	509	-	-	-	-	61	46+44 LT. 48+57 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.11	-	-	-	61	46+44 LT. 48+57 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	391	-	-	-	-	61	49+25 LT. 51+26 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.08	-	-	-	61	49+25 LT. 51+26 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	134	-	-	-	-	-	61	51+67 RT. 53+07 RT.	EXCAVATED AREAS - PLACED OVER TOPSOIL FILL
	SQ. YD.	-	248	-	-	-	-	61	51+85 LT. 53+52 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.05	-	-	-	61	51+85 LT. 53+52 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	1936	-	-	-	-	61	52+11 RT. 56+24 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.40	-	-	-	61	52+11 RT. 56+24 RT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	2174	-	-	-	-	61 & 62	55+80 LT. 64+35 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-2054	-0.480.53	-	-	-	61 & 62	55+80 LT. 64+35 LT.	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	221	-	-	-	-	63	68+85 C/L 70+37 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.05	-	-	-	63	68+85 C/L 70+37 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	289	-	-	-	-	63	72+00 C/L 74+25 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.06	-	-	-	63	72+00 C/L 74+25 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	308	-	-	-	-	63 & 64	75+75 C/L 78+00 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.06	-	-	-	63 & 64	75+75 C/L 78+00 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	SQ. YD.	-	98	-	-	-	-	64	79+75 C/L 81+25 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	ACRE	-	-	0.02	-	-	-	64	79+75 C/L 81+25 C/L	HERBICIDE SPRAYING AREAS - PLACED OVER TOPSOIL & COMPOST FILL
	LSUM	-	-	-	1	-	-	21, 22 & 66 to 72	17+00 RT. 79+75 LT., RT., & C/L	ENTIRE PROJECT
	EACH	-	-	-	-	6	-	66, 68, 69, 70 & 71	17+00 RT. 79+75 LT., RT., & C/L	SIX POINT OF CONNECTION LOCATIONS
	EACH	-	-	-	-	-	6	66, 68, 69, 70 & 71	17+00 RT. 79+75 LT., RT., & C/L	SIX POINT OF CONNECTION LOCATIONS
TOTAL		1362	-7553	-4.62	1	6	6			

TOTAL SOD = 8915 SQ. YD.
 9035 7673 1.67

MISCELLANEOUS ITEMS SCHEDULE											
	UNIT	BICYCLE RACKS, TYPE 1	TRASH RECEPTACLE	BENCH	DECORATIVE SIGN POSTS	VEHICULAR CONTROL BOLLARDS	-RETAINING WALL, SPECIAL (SQ. FT.)	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	ORNAMENTAL FENCE, WROUGHT IRON, SPECIAL	SHEET REFERENCE	STATION REFERENCE
SCENIC BYWAY	L-SUM	1	-	-	-	-	-	-	-	17, 18 & 67	17+00 RT. 18+50 RT.
	EACH	-	1	-	-	-	-	-	-	17, 18 & 67	17+00 RT. 18+50 RT.
	EACH	-	-	6	-	-	-	-	-	17 & 67	17+00 RT. 18+50 RT.
TOTAL		1	1	6	-	-	-	-	-		
ENHANCEMENT	EACH	-	-	-	3	-	-	-	-	22, 23 & 70	20+94.59 C/L 21+24.59 C/L
	EACH	-	-	-	3	-	-	-	-	25, 26 & 70	41+38.20 C/L 41+78.20 C/L
	EACH	-	-	-	4	-	-	-	-	28, 30 & 70	56+35.22 C/L 57+05.22 C/L
	EACH	-	-	-	1	-	-	-	-	31, 32 & 70	66+47.16 C/L -
	EACH	-	-	-	-	10	-	-	-	22, 23 & 70	21+19.59 C/L 20+99.59 C/L
	EACH	-	-	-	-	10	-	-	-	25, 26 & 70	41+33.20 C/L 41+63.20 C/L
	EACH	-	-	-	-	24	-	-	-	28, 30 & 70	56+30.22 C/L 57+10.22 C/L
	EACH	-	-	-	-	8	-	-	-	31, 32 & 70	66+42.16 C/L 66+52.16 C/L
	SQ. FT.	-	-	-	-	-	-850	-	-	-20, 29 & 66	56+05.40 LT. 60+60.36 LT.
	FOOT	-	-	-	-	-	-	180	-	29 & 68	58+75 LT. 60+60.36 LT.
	FOOT	-	-	-	-	-	-	-	20.34	38 & 39	21+48.6 C/L 21+58.6 C/L
TOTAL					11	62	-850	180	20.34		

TRAFFIC & INTERPRETIVE SIGN SCHEDULE							
	UNIT	SIGN PANEL TYPE 1	WOOD SIGN SUPPORT	INTERPRETIVE SIGN SYSTEM COMPLETE	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY	SQ. FT.	15	56	-	12, 18 & 27	17+00 RT. 18+50 RT.	FIELD STAKE SIGN LOCATIONS
	L-SUM	-	-	1	12, 26 & 27	17+00 RT. 18+50 RT.	FOR APPROVAL
TOTAL		15	56	1			

CONCRETE CURB, RETAINING WALLS & PRECAST PARKING BLOCKS SCHEDULE									
	UNIT	CONCRETE CURB, TYPE B	COMBINATION CONC CURB & GUTTER, B-6, 24	RETAINING WALL, SPECIAL	RETAINING WALL	PRECAST CONCRETE PARKING BLOCKS	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY	EACH	-	-	-	-	2	17+00 RT. 18+50 RT.	18+50 RT.	DISABLED PARKING STALLS
	FOOT	190	-	85	65	-	11, 24 & 25	17+00 RT. 18+50 RT.	VARIOUS LOCATIONS
ENHANCEMENT	FOOT	-	20	-	-	-	38 & 39	21+50- LT. 21+70 LT.	
	FOOT	-	330	-	-	-	38 & 39	19+34.43 RT. 22+40.95 RT.	ADJACENT TO EXIST. PAVMT.
TOTAL		190	350	85	65	2			

PAVEMENT MARKING SCHEDULE												
	UNIT	PAINT PAVEMENT MARKINGS - LINE 4"	PAINT PAVEMENT MARKINGS - LINE 8"	PAINT PAVEMENT MARKINGS - LINE 12"	PAINT PAVEMENT MARKINGS - LINE 24"	PAINT PAVEMENT MARKINGS - LETTERS & SYMBOLS	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	PAVEMENT MARKING REMOVAL	WORK ZONE PAVEMENT MARKING REMOVAL	SHEET REFERENCE	STATION REFERENCE	COMMENT
SCENIC BYWAY	FOOT	-	-	150	25	-	-	-	-	11, 15 & 18	17+00 RT. 18+50 RT.	ENTRANCE DRIVE CROSSWALK & STOP BAR
	SQ. FT.	-	-	-	-	16	-	-	-	11 & 18	17+00 RT. 18+50 RT.	SHARE THE ROAD SYMBOL
	SQ. FT.	-	-	-	-	-	29.4	-	29.4	30	17+00 RT. 18+50 RT.	TURN ARROWS
	FOOT	116	100	-	-	10	-	28	-	11 & 18	17+00 RT. 18+50 RT.	DISABLED PARKING STALLS
TOTAL		116	100	150	25	26	29.4	28	29.4			

PAVEMENT SCHEDULE																	
	UNIT	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE, MIX C, N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	PCC SIDEWALK, 5 INCH	DETECTABLE WARNINGS	CONCRETE PAVER SIDEWALK	PCC CONCRETE BANDING 12"	PCC CONCRETE BANDING 24"	CONCRETE MEDIAN SURFACE, 6 INCH	CLASS B PATCHES, TYPE I, 9 INCH	CLASS B PATCHES, TYPE IV, 9 INCH	DOWEL BARS 1-1/2"	PAVEMENT FABRIC	SAW CUTS	SHEET REFERENCE	STATION REFERENCE
SCENIC BYWAY	LBS	225	-	-	-	-	-	-	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	TON	-	32	-	-	-	-	-	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	TON	-	-	8	-	-	-	-	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	SQ. FT.	-	-	-	2141	-	-	-	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	SQ. FT.	-	-	-	-	60	-	-	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	SQ. YD.	-	-	-	-	-	272	-	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	SQ. FT.	-	-	-	-	-	-	62	-	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
	SQ. FT.	-	-	-	-	-	-	-	636	-	-	-	-	-	-	11	17+00 RT. 18+50 RT.
TOTALS		225	32	8	2141	60	272	62	636								
ENHANCEMENT	SQ. FT.	-	-	-	207	-	-	-	-	-	-	-	-	-	-	38 & 39	21+50 LT. 21+70 LT.
	SQ. FT.	-	-	-	-	-	-	-	-	150	-	-	-	-	-	38 & 39	21+50 C/L 21+60 C/L
	SQ. YD.	-	-	-	-	-	-	-	-	-	26.66	-	-	-	-	31 & 38	21+58.6 C/L 21+68.6 C/L
	SQ. YD.	-	-	-	-	-	-	-	-	-	-	51.11	-	-	-	31 & 38	21+58.6 C/L 21+68.6 C/L
	EACH	-	-	-	-	-	-	-	-	-	-	-	122	-	-	31 & 38	21+58.6 C/L 21+68.6 C/L
	SQ. YD.	-	-	-	-	-	-	-	-	-	-	-	-	51.11	-	31 & 38	21+58.6 C/L 21+68.6 C/L
	FOOT	-	-	-	-	-	-	-	-	-	-	-	-	-	140	31 & 38	21+58.5 C/L 21+68.1 C/L
TOTALS					207					150	26.66	51.11	122	51.11	140		

SRHUBS, PERENNIALS & SHREDDED BARK MULCH SCHEDULE														
	PLANT-UNIT- MULCH	SHRUB ARONIA ARBUTIFOLIA- BRILLIANTISSAMA	SHRUB VIBURNUM DENTATUM MORTON	SHRUB BUXUS MICROPHYLLA WINTERGREEN	SHRUB ITEA VIRGINICA LITTLE HENRY	SHRUB RHUS AROMATICA GRO-LOW	SHRUB VIBURNUM DENTATUM CHRISTORS BLUE MUFFIN	PERENNIAL PLANTS, ORNAMENTAL TYPE GALLON POT	PERENNIAL PLANTS, ORNAMENTAL TYPE 2-GALLON POT	PERENNIAL PLANTS, PRAIRIE TYPE QUART POT	PERENNIAL PLANTS, PRAIRIE TYPE GALLON POT	SHREDDED BARK MULCH 3"	SHEET REFERENC E	STATION REFERENCE
SCENIC BYWAY		-	-	47	11	-	13	4.44	0.28	1.41	0.42	199	19	17+00 RT. 18+50 RT.
ENHANCEMENT	EACH-UNIT - SQ.YD.	-	-	-	-	19	-	0.9	-	-	-	63	58	18+00 LT. 18+40 LT.
	EACH-SQ.YD.	2	-	-	-	-	-	-	-	-	-	2	58	20+75 RT. -
	EACH-SQ.YD.	3	-	-	-	-	-	-	-	-	-	3	58	22+10 RT. -
	EACH-SQ.YD.	3	-	-	-	-	-	-	-	-	-	3	59	34+95 LT. -
	EACH-SQ.YD.	10	-	-	-	-	-	-	-	-	-	10	60	35+85 LT. 37+35 LT.
	UNIT-SQ.YD.	-	-	-	-	-	-	-	-	-	0.15	33	60	40+15 LT. 40+71 LT.
	UNIT-SQ.YD.	-	-	-	-	-	-	-	-	-	0.15	34	60	41+41 LT. 41+97 LT.
	EACH-UNIT - SQ.YD.	-	-	-	20	-	-	0.85	-	-	-	64	60	44+57 LT. 45+04 LT.
	EACH-UNIT - SQ.YD.	-	-	-	24	15	-	0.43	-	-	-	91	61	45+89 LT. 46+43 LT.
	EACH-UNIT - SQ.YD.	-	-	-	10	-	-	0.54	-	-	-	32	61	48+52 LT. 48+75 LT.
	EACH-UNIT - SQ.YD.	-	-	-	10	-	-	0.5	-	-	-	33	61	49+09 LT. 49+29 LT.
	EACH-UNIT - SQ.YD.	-	-	-	24	-	-	-	-	0.61	-	72	61	50+51 LT. 51+13 LT.
	EACH-UNIT - SQ.YD.	-	-	-	29	14	-	-	-	0.47	-	99	61	51+89 LT. 52+48 LT.
	EACH-SQ.YD.	-	-	-	-	25	-	-	-	-	-	55	61	52+94 LT. 53+46 LT.
	EACH-UNIT - SQ.YD.	-	-	-	16	5	-	0.59	-	0.53	-	121	61	50+38 RT. 51+12 RT.
	EACH-SQ.YD.	-	-	-	21	7	-	-	-	-	-	76	61	51+85 RT. 52+58 RT.
	EACH-UNIT - SQ.YD.	-	39	-	-	-	-	-	-	-	1.44 -2.44	267 -259	62	58+86 LT. 60+60 LT.
	EACH-UNIT - SQ.YD.	5	-	-	-	18	20	-	-	0.80	0.20	215	63	70+38 C/L 72+00 C/L
	EACH-UNIT - SQ.YD.	5	-	-	-	10	20	-	-	-	0.20	204	63	74+25 C/L 75+75 C/L
	EACH-UNIT - SQ.YD.	5	-	-	-	8	20	-	-	0.80	0.20	219	64	78+00 C/L 79+75 C/L
TOTAL		33	39	47	165	121	73	8.25	0.28	4.62	3.43	1887		

2.76 1895

TREES & SHREDDED BARK MULCH SCHEDULE															
	UNIT PLANT-SQ. YD.	TREE ACER RUBRUM SCARLET SENTINEL	TREE AMELANCHIER X GRANDIFLORA - AUTUMN BRILLIANCE	TREE CERCIS CANADENSIS	TREE GINKGO BILOBA PRINCETON	EVERGREEN JUNIPERUS VIRGINIANA TAYLOR	TREE MAGNOLIA VIRGINIANA MOONGLOW	TREE MALUS SARGENTII TINA	TREE MALUS SENTINEL	TREE QUERCUS BICOLOR	EVERGREEN PICEA OMORIKA	TREE TILIA CORDATA GREENSPIRE	SHREDDED BARK MULCH 3"	SHEET REFERENCE	STATION REFERENCE
SCENIC BYWAY	EACH-SQ. YD.	-	-	4	-	3	-	-	-	-	3	10	34	19	17+00 RT. 18+50 RT.
ENHANCEMENT	EACH-SQ. YD.	-	-	-	-	-	-	-	-	-	3	-	5.4	58	21+58 LT. 21+89 LT.
	EACH-SQ. YD.	1	-	-	-	-	-	-	-	-	-	-	1.8	58	22+23 LT. -
	EACH-SQ. YD.	-	-	3	-	-	-	-	-	-	-	-	5.4	59	22+35 LT. 22+61 LT.
	EACH-SQ. YD.	1	-	-	-	-	-	-	-	-	-	-	1.8	58	22+72 LT. -
	EACH-SQ. YD.	-	-	-	7	-	-	-	-	-	-	-	12.6	58	20+63 RT. 22+28 RT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	-	6	-	-	10.8	60	42+77 RT. 44+74 RT.
	EACH-SQ. YD.	-	-	-	-	-	-	9	-	-	-	-	16.2	61	46+74 LT. 50+17 LT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	-	8	-	-	14.4	61	52+42 RT. 53+57 RT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	3	-	-	-	5.4	61	53+74 RT. 54+34 RT.
	EACH-SQ. YD.	-	5	-	-	-	-	-	-	-	-	-	9	61	54+60 RT. 54+85 RT.
	EACH-SQ. YD.	-	-	5	-	-	-	-	-	-	-	-	9	61	55+13 RT. 55+41 RT.
	EACH-SQ. YD.	-	3	-	-	-	-	-	-	-	-	-	5.4	62	55+69 RT. 55+85 RT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	-	3	-	-	5.4	62	56+13 LT. 56+40 LT.
	EACH-SQ. YD.	-	-	-	-	-	-	3	-	-	-	-	5.4	62	56+66 LT. 57+25 LT.
	EACH-SQ. YD.	-	-	-	-	-	3	-	-	-	-	-	5.4	62	58+16 LT. 58+75 LT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	-	-	-	-	5.4	62	59+25 LT. 59+37 LT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	-	-	-	-	7.2	62	59+48 LT. 59+95 LT.
	EACH-SQ. YD.	-	-	-	-	-	-	-	-	-	-	-	5.4	62	60+08 LT. 60+18 LT.
	EACH-SQ. YD.	-	-	-	-	-	3	-	-	-	-	-	5.4	62	60+68 LT. 61+26 LT.
	EACH-SQ. YD.	-	-	-	-	-	-	6	-	-	-	-	10.8	62	61+55 LT. 63+26 LT.
	EACH-SQ. YD.	-	-	-	-	-	3	-	-	-	-	-	5.4	62	63+54 LT. 64+11 LT.
TOTAL		2	8	18	7	3	9	9	9	3	27	10	187		

Note: Quantity of Mulch at 3" Depth for Trees at 1.8 SQ. YD. per tree = 187 SQ. YD.

12

23

169

NO.	REVISION	DATE	DATE: 01/28/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

SCHEDULE OF QUANTITIES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	6
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 07530 PROJ. NO. SBIL-TE-0008(151)	

BENCHMARK & CONTROL POINTS

BENCHMARK

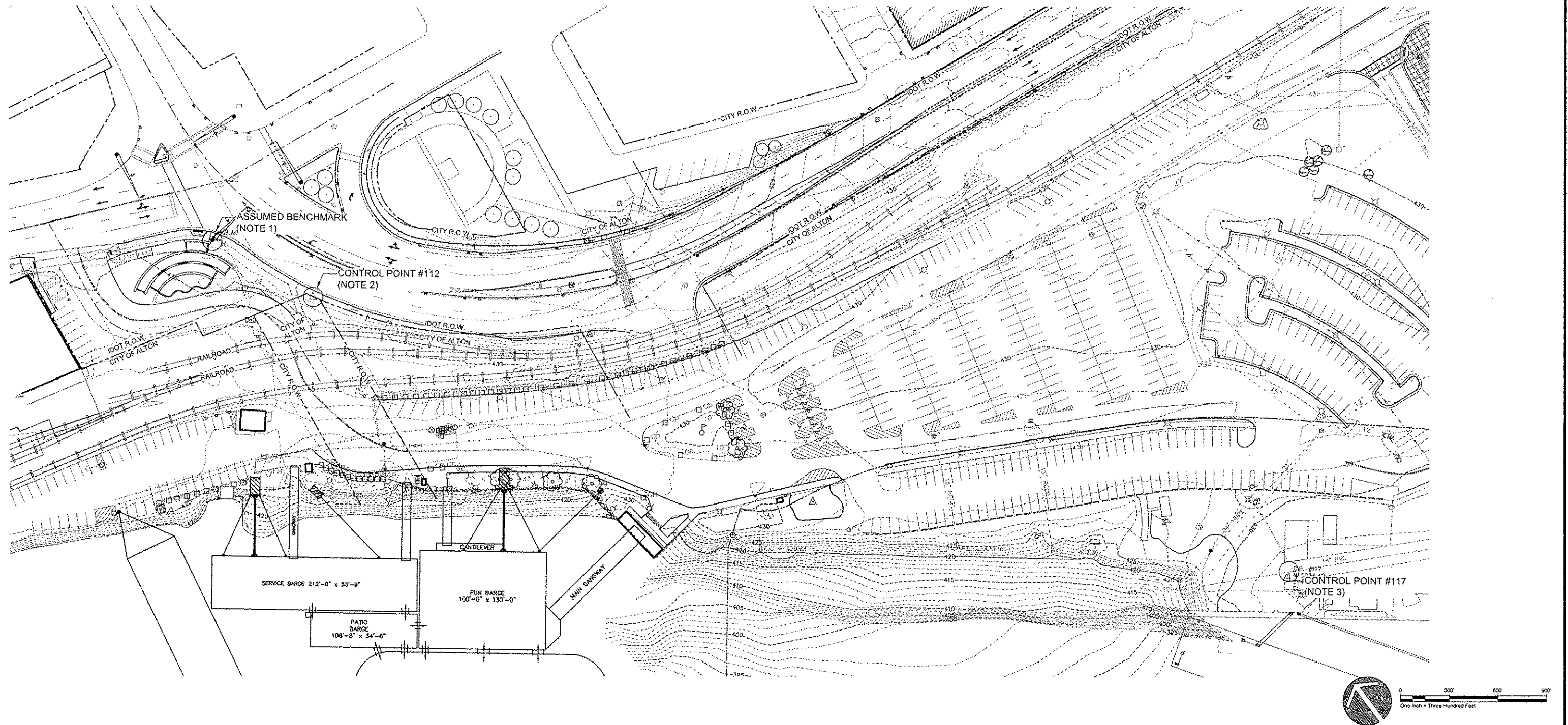
1. ASSUMED BENCHMARK - ELEVATION 432.42', NORTHING 809625.1573, EASTING 2290861.0316 - LOCATED ON SOUTHWEST CORNER OF TRAFFIC LIGHT CONCRETE BASE AT SOUTHWEST CORNER OF LANDMARKS BOULEVARD AND WEST BROADWAY - 23 INCHES FROM EDGE OF SIDEWALK.

CONTROL POINT

2. SURVEY CONTROL POINT #112 - ELEVATION 432.68', NORTHING 809517.8930, EASTING 2290911.5020 LOCATED 6 FEET AND 1/2 INCH SOUTH FROM BACK OF CURB OF EAST-BOUND LANDMARKS BOULEVARD AND 20 FEET EAST FROM END OF SIDEWALK ALONG EAST-BOUND LANDMARKS BOULEVARD.
3. CONTROL POINT #117 - ELEVATION 431.92', NORTHING 808700.2759, EASTING 2291556.3787 - LOCATED 88 FEET AND 6 INCHES SOUTH OF RIVERFRONT PARKING LOT AND 34 FEET AND 9 INCHES NORTH OF RIVERFRONT CONCRETE WALL.

GENERAL

4. DRAWING BASE INFORMATION IS A COMPILATION OF THE FOLLOWING:
 - 4.1. PARTIAL AREA BASE SURVEY COMPLETED BY SMS ENGINEERS FOR WESTERN END OF PROJECT
 - 4.2. TOPOGRAPHIC AND PLANIMETRIC DATA FROM MADISON COUNTY INFORMATION TECHNOLOGY DEPARTMENT (MARCH 2011)
 - 4.3. R.O.W./PARCEL DATA DIGITIZED FROM LANDMARKS BOULEVARD RIGHT OF WAY PLAT, COMPLETED BY HURST-ROSCHKE ENGINEERS, INC. AND PROVIDED BY IDOT DISTRICT 8 (JUNE 1988)
 - 4.4. ALTON RIVERFRONT STREET LIGHTING PLAN PROVIDED BY IDOT DISTRICT 8 (FEBRUARY 1994)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

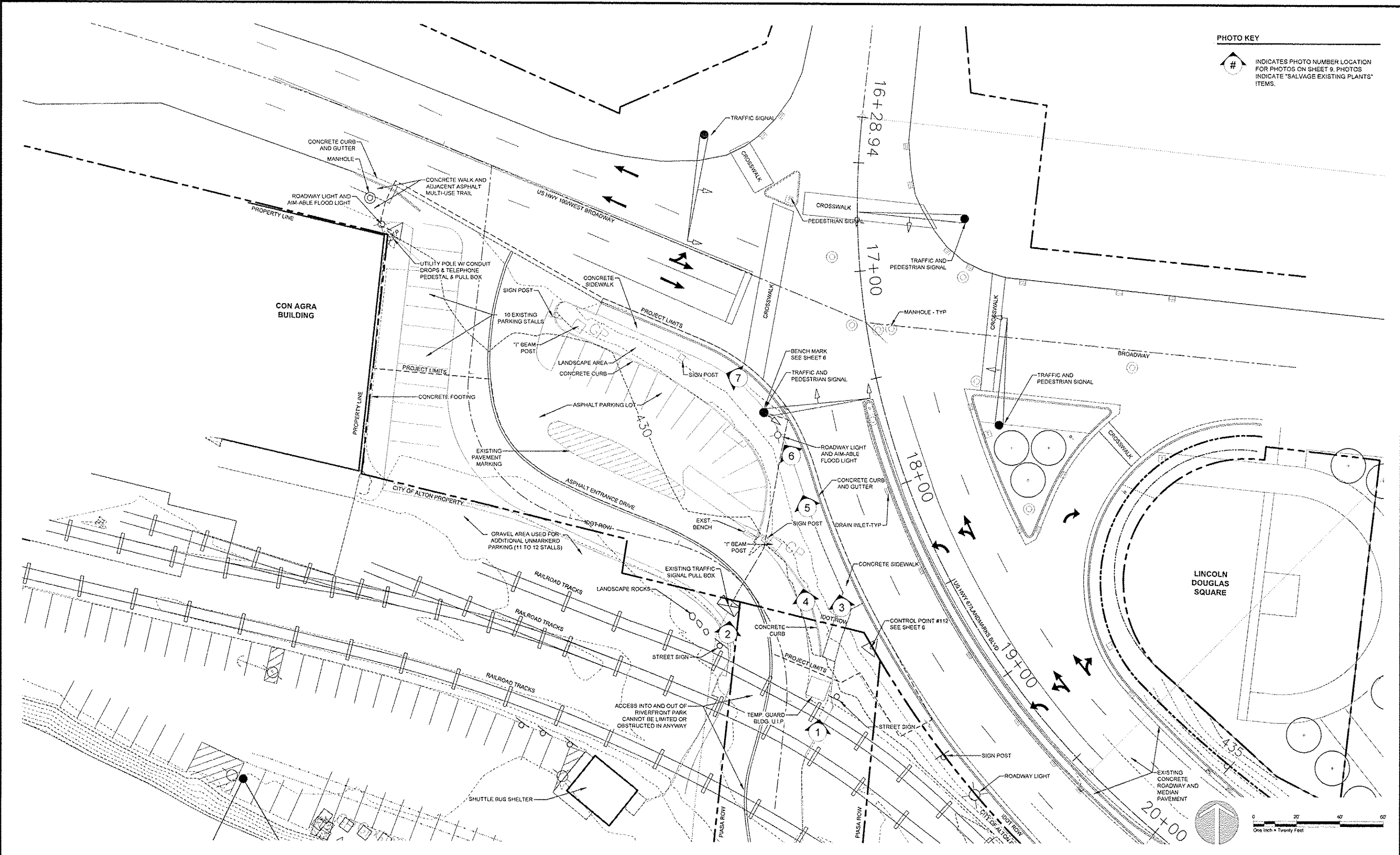
BENCHMARK & CONTROL POINTS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	7
FEDERAL AID PROJECT			ILLINOIS	

CONTRACT NO. 97539
PROJ. NO. SBIL-TE-008(151)

PHOTO KEY

INDICATES PHOTO NUMBER LOCATION FOR PHOTOS ON SHEET 9. PHOTOS INDICATE "SALVAGE EXISTING PLANTS" ITEMS.



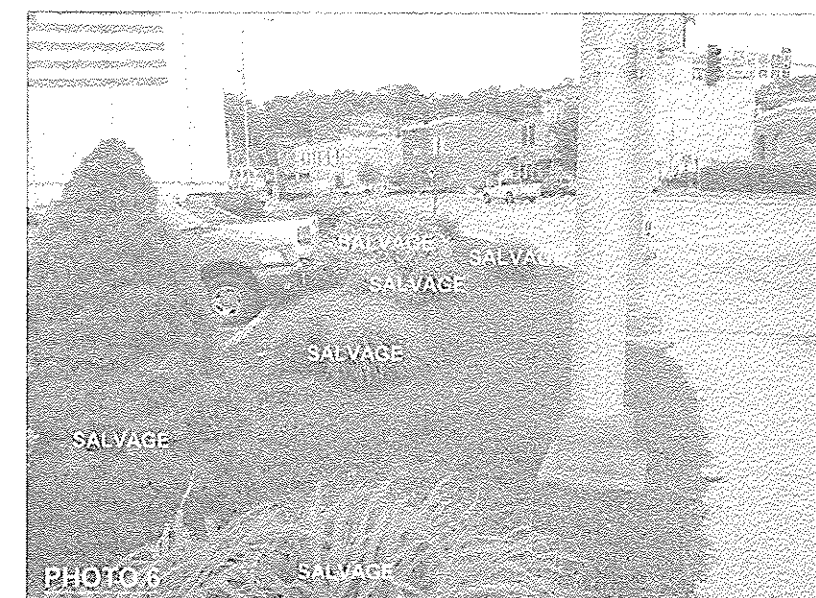
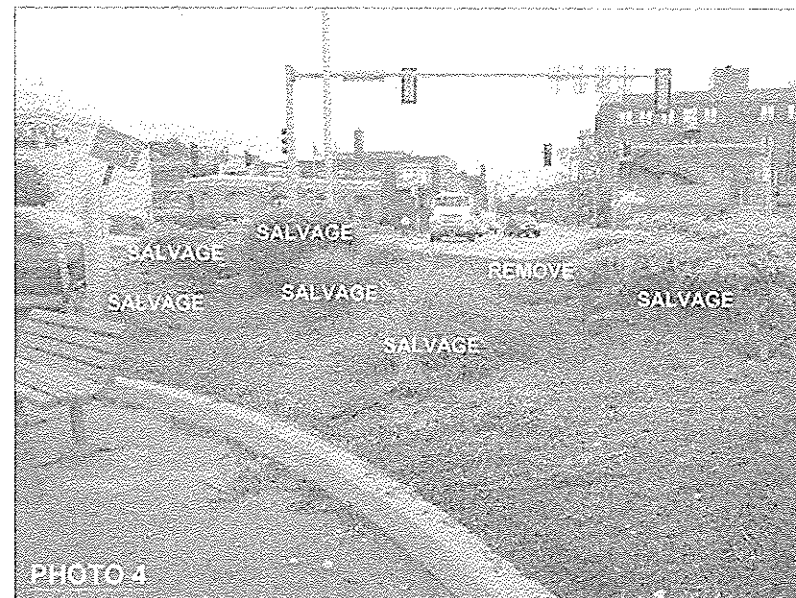
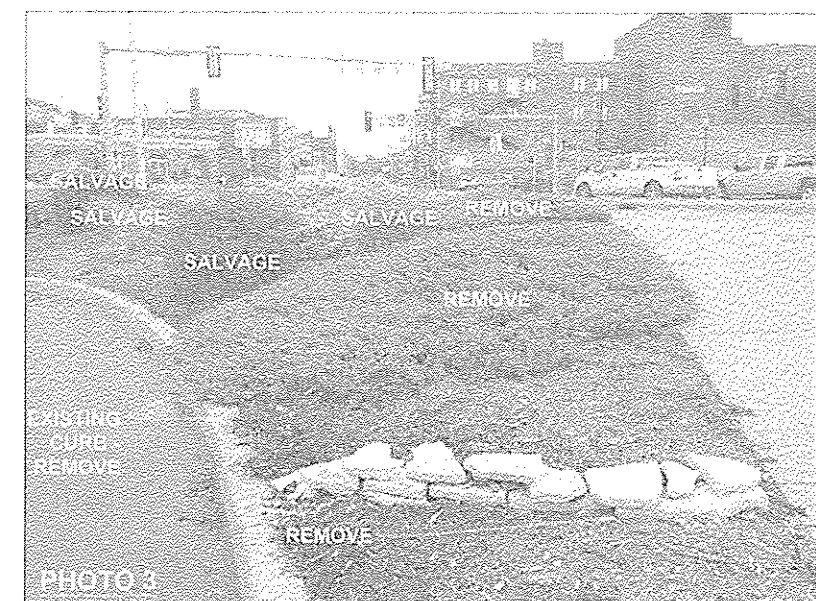
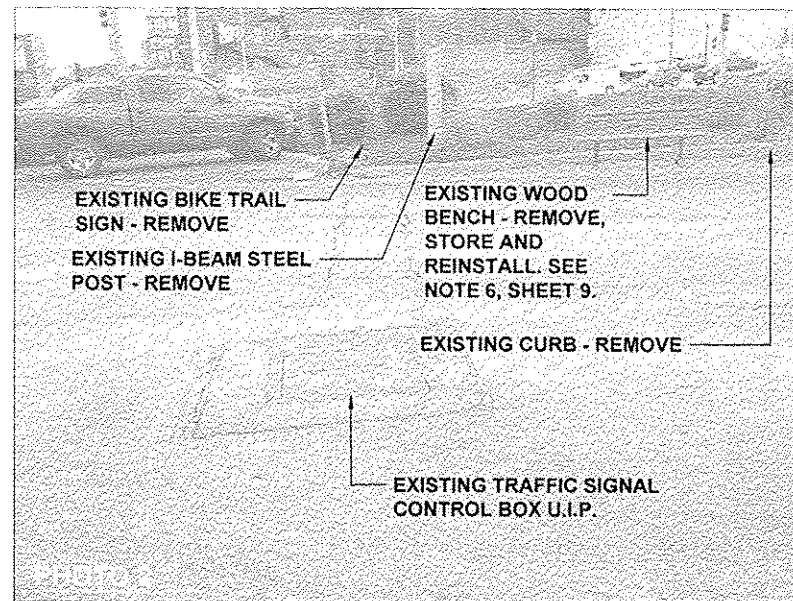
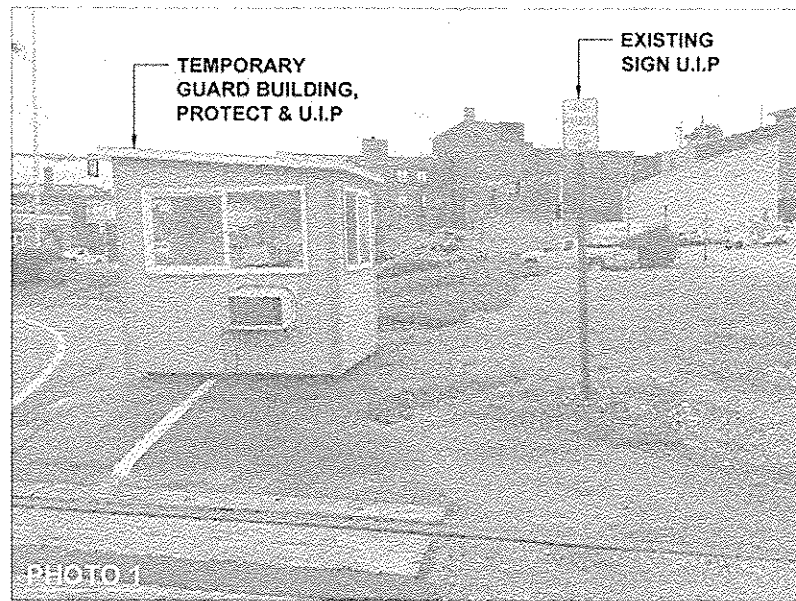
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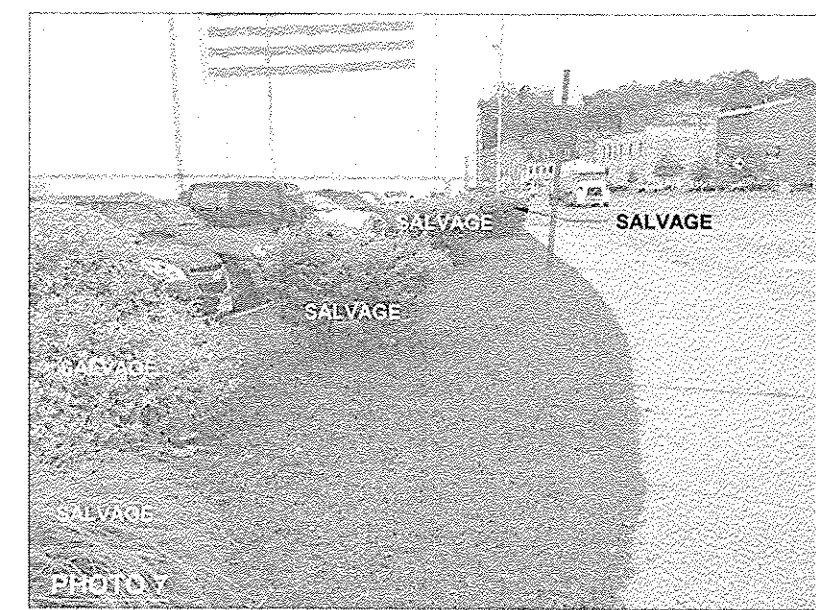
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EXISTING CONDITIONS -
FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00226-00-MS		MADISON	84	8
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97539 PROJ. NO. SBIL-7E-0008(151)	



NOTE:
 EXISTING SHRUBS & ORNAMENTAL GRASSES. REMOVE & SALVAGE AS INDICATED - COORDINATE WITH THE CITY. SEE NOTE 5, SHEET 10.



NO.	REVISION	DATE	DATE:
			01/28/2015

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
GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

EXISTING CONDITIONS SITE PHOTOS - FLOOD MEMORIAL

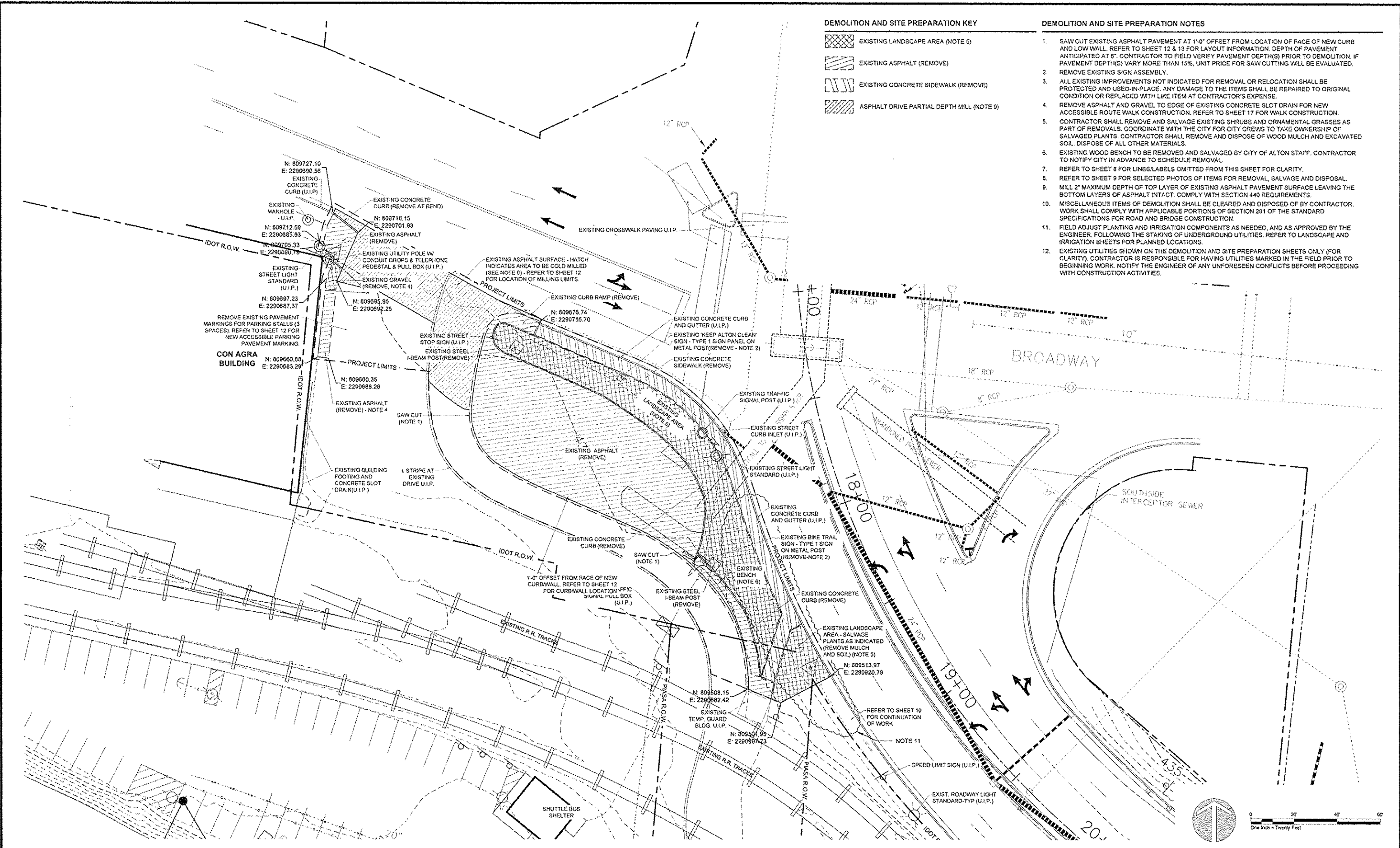
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	9
FEDERAL AID PROJECT		ILLINOIS	PROJ. NO. SBIL-TE-00DR(151)	

DEMOLITION AND SITE PREPARATION KEY

-  EXISTING LANDSCAPE AREA (NOTE 5)
-  EXISTING ASPHALT (REMOVE)
-  EXISTING CONCRETE SIDEWALK (REMOVE)
-  ASPHALT DRIVE PARTIAL DEPTH MILL (NOTE 9)

DEMOLITION AND SITE PREPARATION NOTES

1. SAW CUT EXISTING ASPHALT PAVEMENT AT 1'-0" OFFSET FROM LOCATION OF FACE OF NEW CURB AND LOW WALL. REFER TO SHEET 12 & 13 FOR LAYOUT INFORMATION. DEPTH OF PAVEMENT ANTICIPATED AT 6". CONTRACTOR TO FIELD VERIFY PAVEMENT DEPTH(S) PRIOR TO DEMOLITION. IF PAVEMENT DEPTH(S) VARY MORE THAN 15%, UNIT PRICE FOR SAW CUTTING WILL BE EVALUATED.
2. REMOVE EXISTING SIGN ASSEMBLY.
3. ALL EXISTING IMPROVEMENTS NOT INDICATED FOR REMOVAL OR RELOCATION SHALL BE PROTECTED AND USED-IN-PLACE. ANY DAMAGE TO THE ITEMS SHALL BE REPAIRED TO ORIGINAL CONDITION OR REPLACED WITH LIKE ITEM AT CONTRACTOR'S EXPENSE.
4. REMOVE ASPHALT AND GRAVEL TO EDGE OF EXISTING CONCRETE SLOT DRAIN FOR NEW ACCESSIBLE ROUTE WALK CONSTRUCTION. REFER TO SHEET 17 FOR WALK CONSTRUCTION.
5. CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING SHRUBS AND ORNAMENTAL GRASSES AS PART OF REMOVALS. COORDINATE WITH THE CITY FOR CITY CREWS TO TAKE OWNERSHIP OF SALVAGED PLANTS. CONTRACTOR SHALL REMOVE AND DISPOSE OF WOOD MULCH AND EXCAVATED SOIL. DISPOSE OF ALL OTHER MATERIALS.
6. EXISTING WOOD BENCH TO BE REMOVED AND SALVAGED BY CITY OF ALTON STAFF. CONTRACTOR TO NOTIFY CITY IN ADVANCE TO SCHEDULE REMOVAL.
7. REFER TO SHEET 8 FOR LINES/LABELS OMITTED FROM THIS SHEET FOR CLARITY.
8. REFER TO SHEET 9 FOR SELECTED PHOTOS OF ITEMS FOR REMOVAL, SALVAGE AND DISPOSAL.
9. MILL 2" MAXIMUM DEPTH OF TOP LAYER OF EXISTING ASPHALT PAVEMENT SURFACE LEAVING THE BOTTOM LAYERS OF ASPHALT INTACT. COMPLY WITH SECTION 440 REQUIREMENTS.
10. MISCELLANEOUS ITEMS OF DEMOLITION SHALL BE CLEARED AND DISPOSED OF BY CONTRACTOR. WORK SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTION 201 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
11. FIELD ADJUST PLANTING AND IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO LANDSCAPE AND IRRIGATION SHEETS FOR PLANNED LOCATIONS.
12. EXISTING UTILITIES SHOWN ON THE DEMOLITION AND SITE PREPARATION SHEETS ONLY (FOR CLARITY). CONTRACTOR IS RESPONSIBLE FOR HAVING UTILITIES MARKED IN THE FIELD PRIOR TO BEGINNING WORK. NOTIFY THE ENGINEER OF ANY UNFORESEEN CONFLICTS BEFORE PROCEEDING WITH CONSTRUCTION ACTIVITIES.



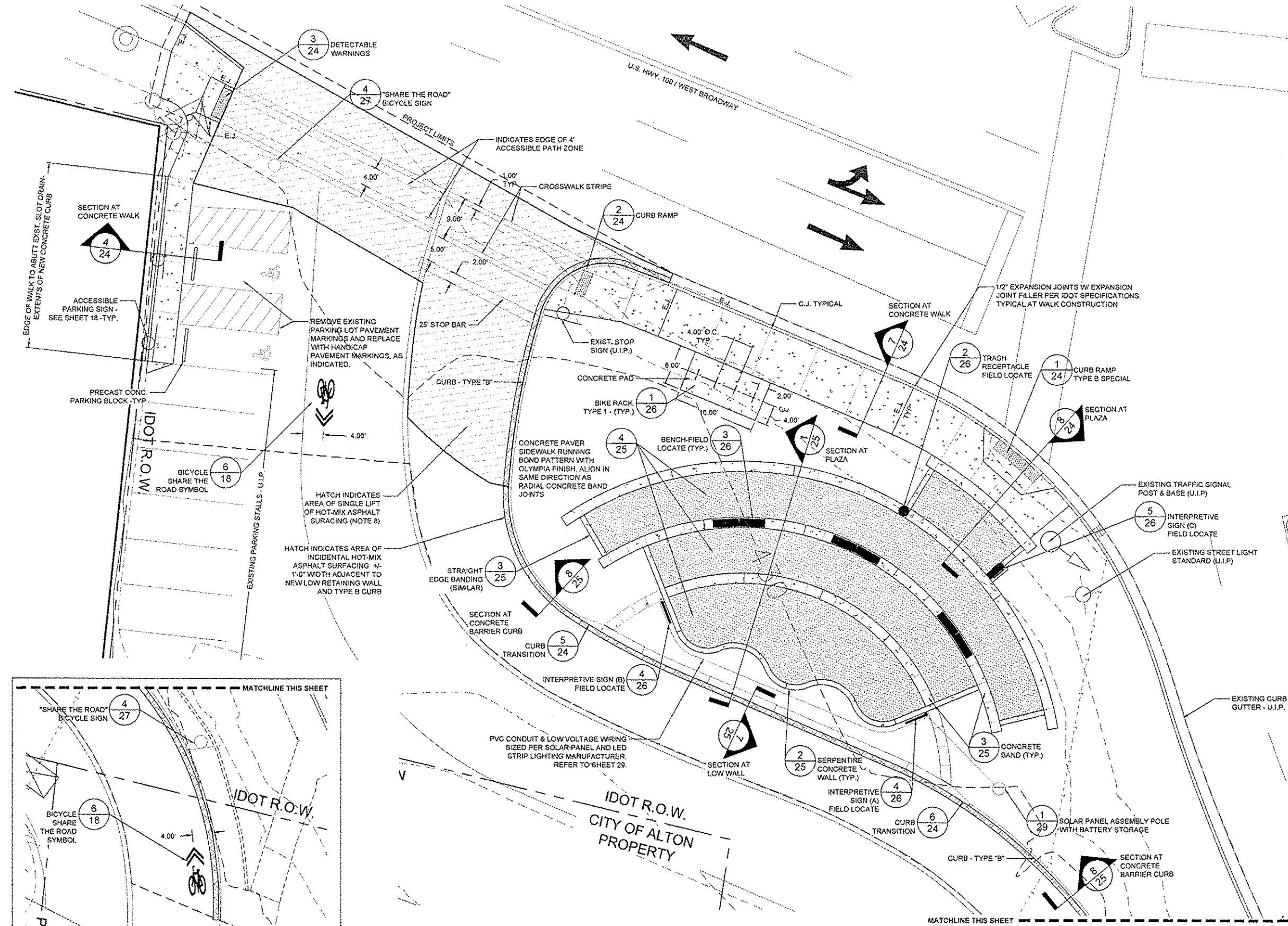
NO.	REVISION	DATE	DATE:
			01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

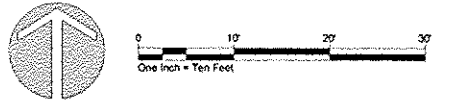
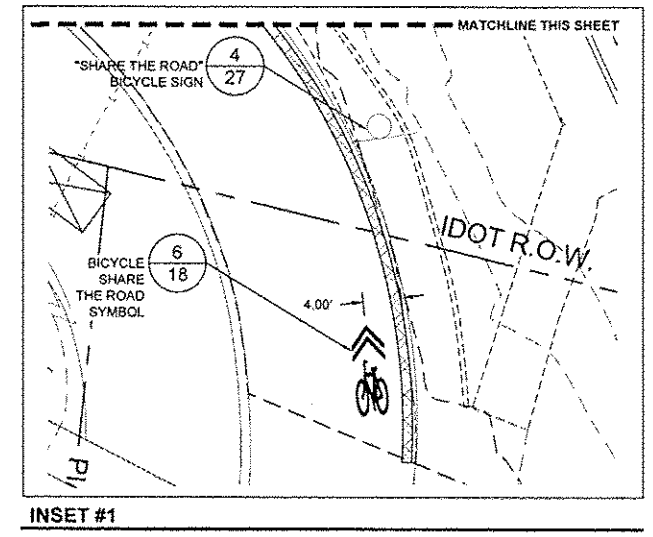
DEMOLITION AND SITE PREPARATION PLAN - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	10
FEDERAL AID PROJECT		CONTRACT NO. 97539 PROJ. NO. SBIL-TE-0008(151) ILLINOIS		



- NOTES**
1. ALL IMPROVEMENTS INCLUDING THOSE NOTED TO BE FIELD LOCATED SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. CITY STAFF TO MARK/ARRANGE PLANTINGS IN PLANTING BEDS AND PLANTS NOT LOCATED BY STATIONS AND OFFSETS. CONTRACTOR TO NOTIFY THE ENGINEER AND CITY IMMEDIATELY IF EXISTING CONDITIONS OR UNANTICIPATED CONDITIONS DIFFER FROM INFORMATION SHOWN ON DRAWINGS.
 2. DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
 3. CONCRETE PAVER SIDEWALK TO MATCH QUALITY, COLORS, AND APPEARANCE OF PAVER INSTALLATION AT THE AMPHITHEATER SITE IN RIVERFRONT PARK. CONTRACTOR SHALL FIELD VERIFY-REFER TO SPECIAL PROVISIONS REQUIREMENTS.
 4. REFER TO SHEET 13 FOR ADDITIONAL INFORMATION ON EXPANSION AND CONTRACTION JOINTS.
 5. LOCATIONS FOR INSTALLING THE STONE BENCHES, TRASH RECEPTACLE AND INTERPRETIVE SIGNS A, B & C WILL BE MARKED IN THE FIELD PRIOR TO INSTALLATION. (NOTE: SIGN POLE FOOTINGS ARE TO BE POURED INTEGRALLY WITH THE END SECTIONS OF THE CONCRETE SERPENTINE WALLS) REFER TO SHEET 8 FOR LINES/LABELS OMITTED FROM THIS SHEET FOR CLARITY.
 6. INSTALL NEW LAYER OF ASPHALT PAVEMENT OVER MILLED ASPHALT SURFACE (REFER TO GRADING SHEETS 14 & 15 FOR ADDITIONAL INFORMATION).

- LEGEND**
- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY
 - REFERENCE BUBBLE
 - XX - DETAIL NUMBER
 - XX - SHEET NUMBER



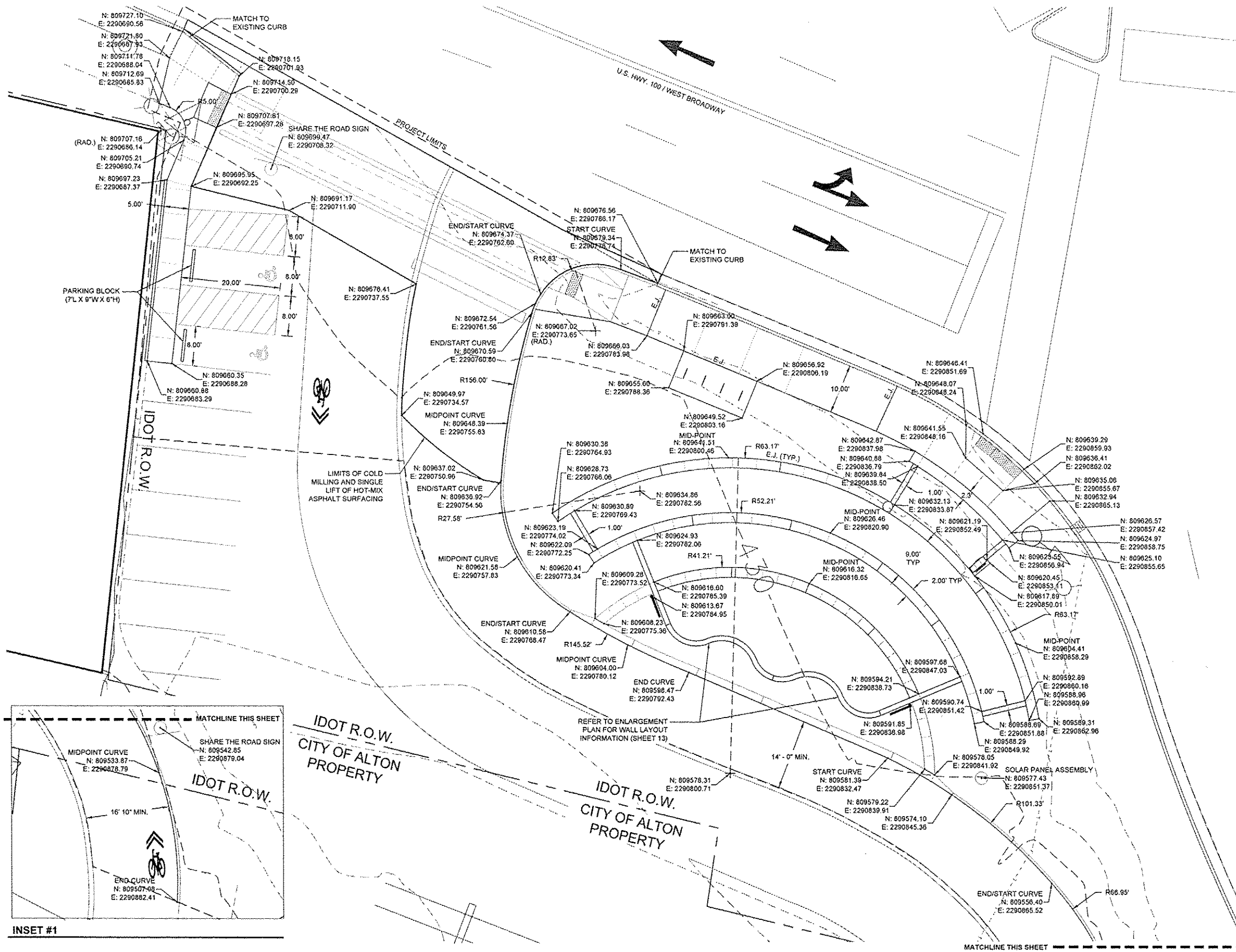
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			01/29/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62902

OVERALL IMPROVEMENTS PLAN - FLOOD MEMORIAL

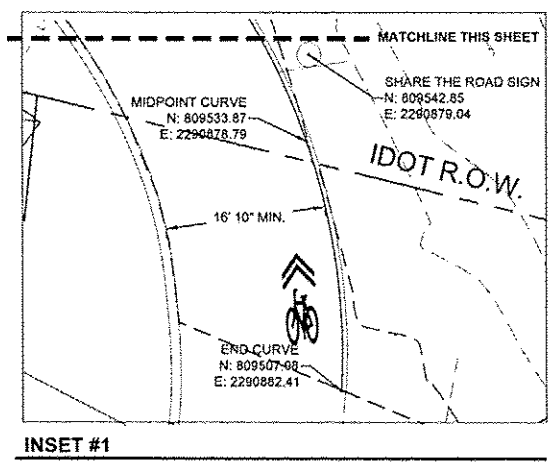
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00226-00-MS		MADISON	84	11
CONTRACT NO. 97539				
PROJ. NO. SBHL-TE-0008(151)				
FEDERAL AID PROJECT ILLINOIS				



- NOTES**
- ALL IMPROVEMENTS INCLUDING THOSE NOTED TO BE FIELD LOCATED SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. CITY STAFF TO MARK/ARRANGE PLANTINGS IN PLANTING BEDS AND PLANTS NOT LOCATED BY STATIONS AND OFFSETS.
 - CONTRACTOR TO NOTIFY THE ENGINEER AND CITY IMMEDIATELY IF EXISTING CONDITIONS OR UNANTICIPATED CONDITIONS DIFFER FROM INFORMATION SHOWN ON DRAWINGS.
 - DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
 - CONCRETE PAVER SIDEWALK TO MATCH QUALITY, COLORS, AND APPEARANCE OF PAVER INSTALLATION AT THE AMPHITHEATER SITE IN RIVERFRONT PARK. CONTRACTOR SHALL FIELD VERIFY-REFER TO SPECIAL PROVISIONS REQUIREMENTS.
 - REFER TO SHEET 13 FOR ADDITIONAL INFORMATION ON EXPANSION AND CONTRACTION JOINTS.
 - LOCATIONS FOR INSTALLING THE STONE BENCHES, TRASH RECEPTACLE AND INTERPRETIVE SIGNS A, B & C WILL BE MARKED IN THE FIELD PRIOR TO INSTALLATION. (NOTE: SIGN POLE FOOTINGS ARE TO BE POURED INTEGRALLY WITH THE END SECTIONS OF THE CONCRETE SERPENTINE WALLS)
 - REFER TO SHEET 8 FOR LINES/LABELS OMITTED FROM THIS SHEET FOR CLARITY.
 - INSTALL NEW LAYER OF ASPHALT PAVEMENT OVER MILLED ASPHALT SURFACE (REFER TO GRADING SHEETS 14 & 15 FOR ADDITIONAL INFORMATION)

*CONSTRUCTION LAYOUT FOR THE FLOOD MEMORIAL UTILIZES NORTHING AND EASTING COORDINATES IN LIEU OF CENTERLINE STATIONING AND OFFSETS FOR LOCATING KEY LAYOUT POINTS. STAKE LOCATIONS AND OBTAIN APPROVAL OF ENGINEER PRIOR TO INSTALLATION.

- LEGEND**
- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY



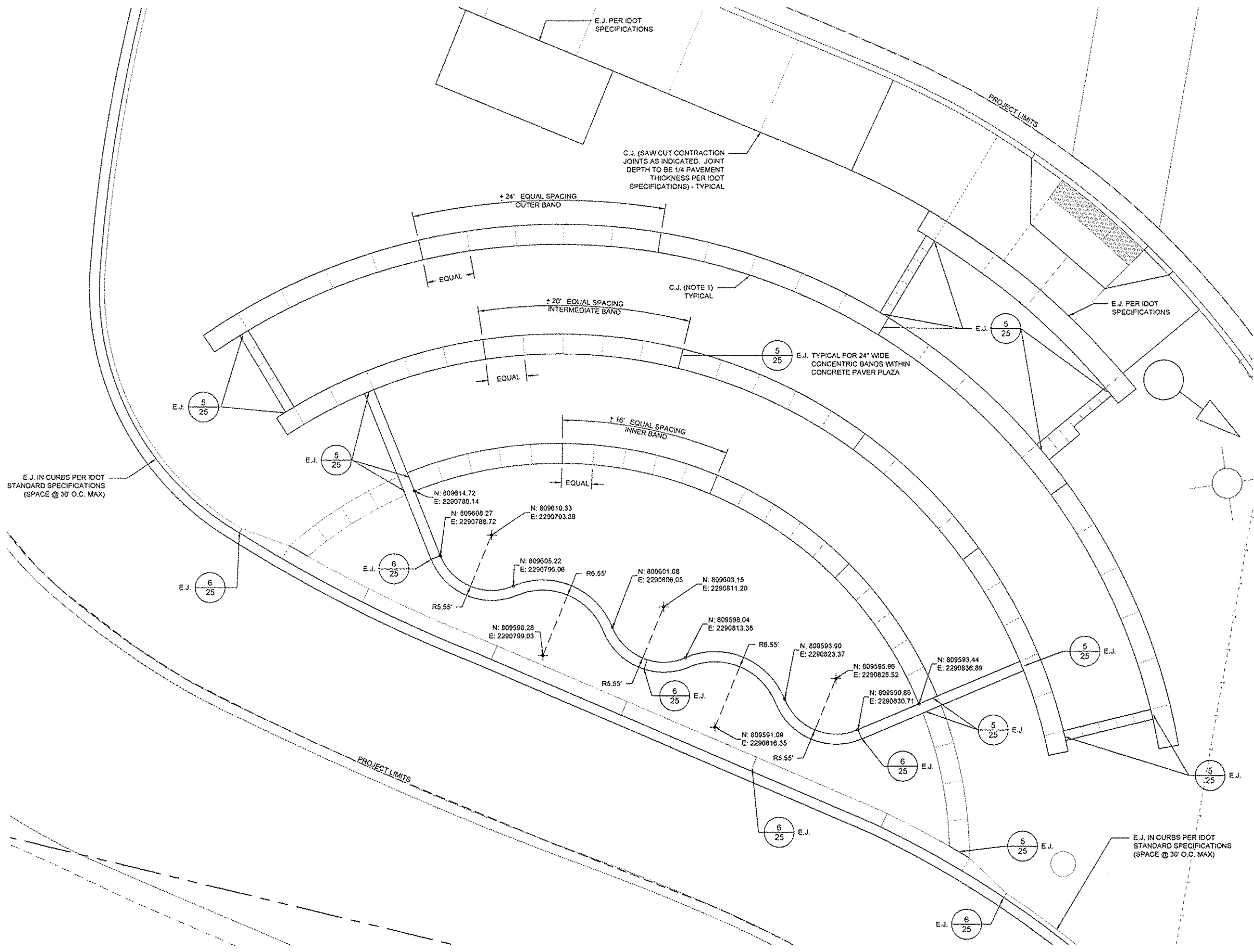
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			01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

LAYOUT PLAN - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00226-00-MS		MADISON	84	12
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-00D8(151)		
FEDERAL AID PROJECT ILLINOIS				



- NOTES**
- ALL IMPROVEMENTS INCLUDING THOSE NOTED TO BE FIELD LOCATED SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. CITY STAFF TO MARK/ARRANGE PLANTINGS IN PLANTING BEDS AND PLANTS NOT LOCATED BY STATIONS AND OFFSETS.
 - CONTRACTOR TO NOTIFY THE ENGINEER AND CITY IMMEDIATELY IF EXISTING CONDITIONS OR UNANTICIPATED CONDITIONS DIFFER FROM INFORMATION SHOWN ON DRAWINGS.
 - DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
 - CONCRETE PAVER SIDEWALK TO MATCH QUALITY, COLORS, AND APPEARANCE OF PAVER INSTALLATION AT THE AMPHITHEATER SITE IN RIVERFRONT PARK. CONTRACTOR SHALL FIELD VERIFY-REFER TO SPECIAL PROVISIONS REQUIREMENTS.
 - REFER TO SHEET 13 FOR ADDITIONAL INFORMATION ON EXPANSION AND CONTRACTION JOINTS.
 - LOCATIONS FOR INSTALLING THE STONE BENCHES, TRASH RECEPTACLE AND INTERPRETIVE SIGNS A, B & C WILL BE MARKED IN THE FIELD PRIOR TO INSTALLATION. (NOTE: SIGN POLE FOOTINGS ARE TO BE POURED INTEGRALLY WITH THE END SECTIONS OF THE CONCRETE SERPENTINE WALLS)
 - REFER TO SHEET 8 FOR LINES/LABELS OMITTED FROM THIS SHEET FOR CLARITY.
 - INSTALL NEW LAYER OF ASPHALT PAVEMENT OVER MILLED ASPHALT SURFACE(REFER TO GRADING SHEETS 14 & 15 FOR ADDITIONAL INFORMATION)

- LEGEND**
- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- ⊖ EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - ⊠ EXISTING DRAIN INLET - USE IN PLACE
 - ⊞ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - ⊞ EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - ⊙ EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - ⊙ EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - ⊙ EXISTING STREET LIGHT - USE IN PLACE
 - ⊙ EXISTING POWER / UTILITY POLE - USE IN PLACE
 - ⊞ EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ⊞ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊞ EXISTING STREET LIGHT - USE IN PLACE
 - ⊞ EXISTING GUARDRAIL - USE IN PLACE
 - ⊙ EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY



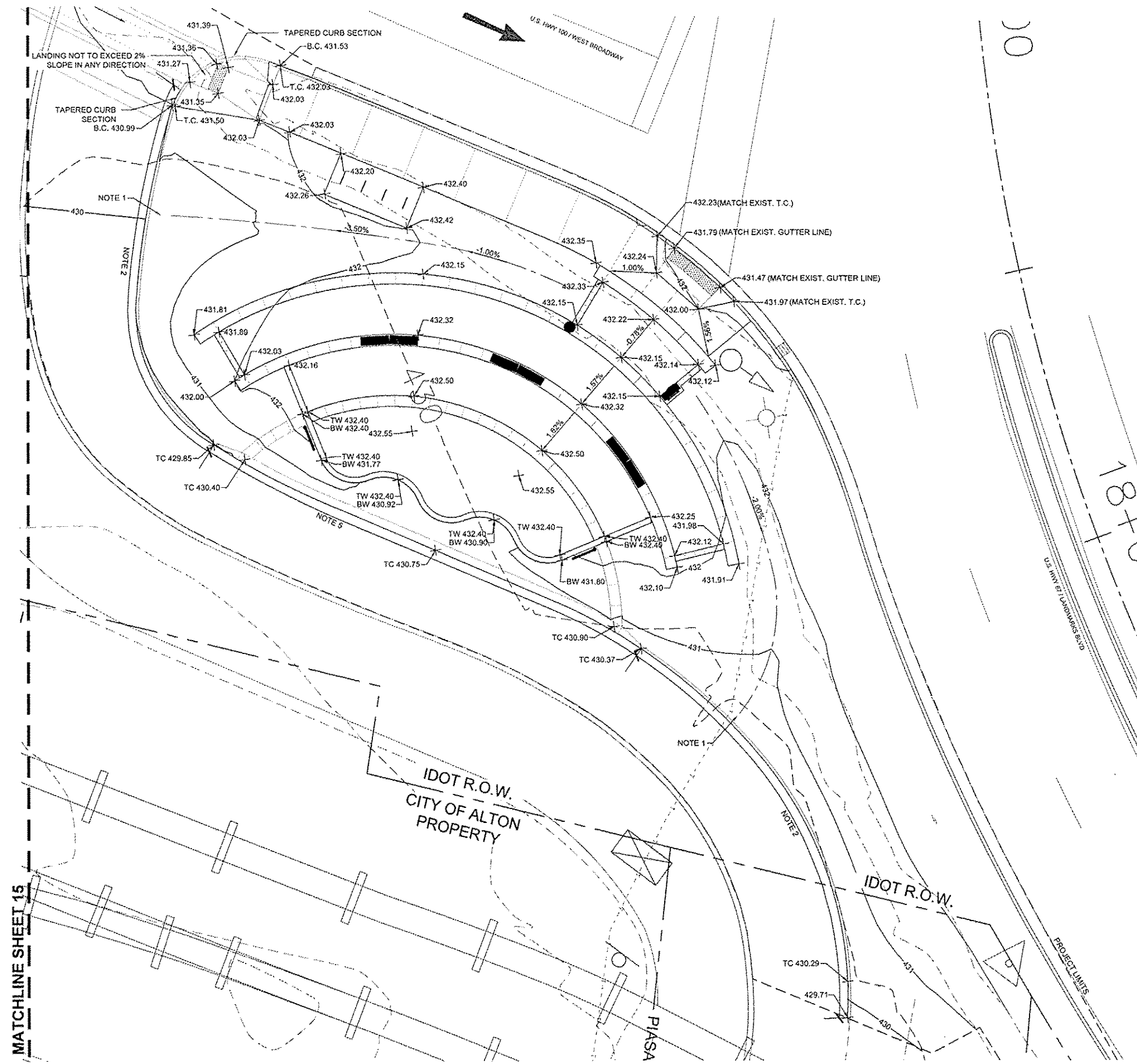
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			01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

WALL & JOINT LAYOUT PLAN - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00228-00-MS	MADISON	84	13
CONTRACT NO. 07539		PROJ. NO. SBIL-TE-0008(151)		
FEDERAL AID PROJECT		ILLINOIS		



GRADING NOTES

1. SURFACE DRAINAGE FROM LAWN AREAS AT EACH SIDE OF PLAZA TO DRAIN OVERLAND TO PAVEMENT CONSISTENT WITH THE EXISTING SITE DRAINAGE PATTERNS.
2. TOP OF NEW CURB TO BE SET AT 6" MINIMUM ABOVE EXISTING ROADWAY PAVEMENT SURFACE IN THESE AREAS (FIELD VERIFY BEFORE CONSTRUCTING NEW CURB).
3. MATCH EXISTING PAVEMENT GRADE FOR TOP OF ACCESSIBLE WALK AREA ADJACENT TO THE CON AGRA FACILITY (REFER TO SHEET 15). MAINTAIN EXISTING DRAINAGE PATTERNS.
4. MAJORITY OF WORK PERFORMED TO MAINTAIN EXISTING GRADES.
5. ALL DISTURBED AREAS (SOD, LANDSCAPING OR HARDSCAPE) SHALL BE RESTORED AS NOTED.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND CITY IF CONDITIONS DIFFER FROM THOSE SHOWN ON DRAWINGS.
7. ALL GRADES BETWEEN CALLED OUT ELEVATIONS SHALL BE LINEAR STRAIGHT GRADES.
8. ELEVATIONS AND CONTOURS SHOWN ARE TO TOP OF FINISHED GRADE OR PAVING SURFACES, UNLESS NOTED OTHERWISE.
9. CONTRACTOR SHALL PROTECT AND USE IN PLACE ALL EXISTING UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COORDINATE ALL UTILITY REPAIR WORK WITH THE UTILITY COMPANIES REQUIREMENTS WHERE APPLICABLE.
10. ALL TRASH AND DEBRIS ON-SITE, EITHER EXISTING OR FROM CONSTRUCTION, MUST BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE EACH DAY.
11. WHEN GRADING OPERATIONS ARE SUSPENDED EROSION CONTROL METHODS MUST BE IN PLACE AND MAINTAINED TO PREVENT EROSION AND SEDIMENTATION AS DIRECTED BY THE ENGINEER.
12. MATCH EXISTING ASPHALT PAVEMENT ALONG LOW WALL SECTION. SEE DETAIL 7 SHEET 25.

LEGEND

*INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE

- ▲- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
- ☒ EXISTING DRAIN INLET - USE IN PLACE
- ☒ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
- ☒ EXISTING UTILITY BOX - USE IN PLACE
- ⊙ EXISTING MANHOLE - USE IN PLACE
- EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
- ⊙ EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
- EXISTING STREET LIGHT - USE IN PLACE
- EXISTING POWER / UTILITY POLE - USE IN PLACE
- ☐ EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
- ☐ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
- ⊙ EXISTING STREET LIGHT - USE IN PLACE
- EXISTING GUARDRAIL - USE IN PLACE
- EXISTING TREE - USE IN PLACE
- - - EXISTING RIGHT-OF-WAY

MATCHLINE SHEET 15



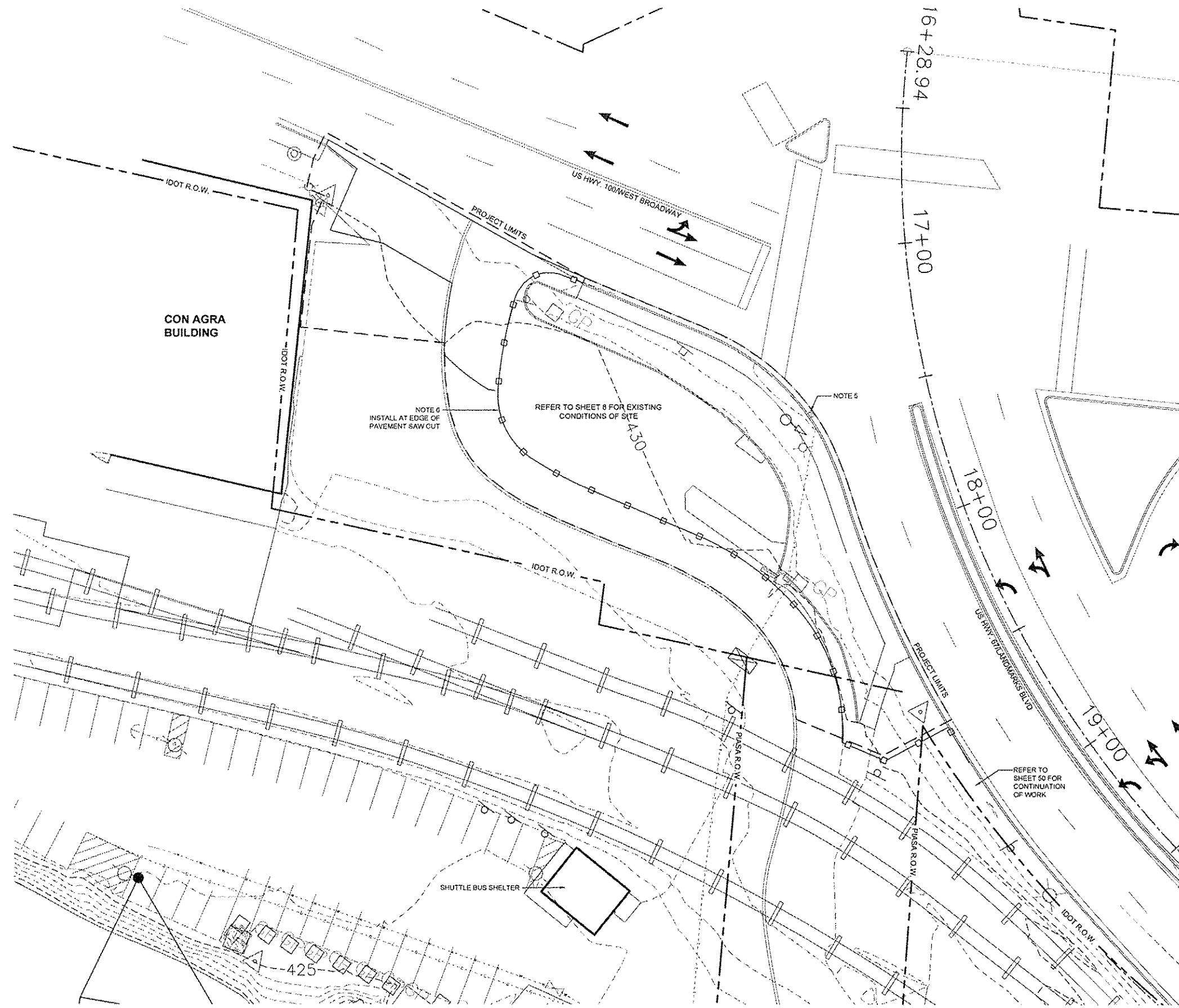
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**GRADING PLAN -
FLOOD MEMORIAL**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00229-00-MS	MADISON	84	14
		CONTRACT NO.	97539	
		PROJ. NO.	SBIL-TE-00D8(151)	
FEDERAL AID PROJECT		ILLINOIS		



EROSION AND SEDIMENT CONTROL NOTES

1. EROSION CONTROL TECHNIQUES AND PROCEDURES SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF DIVISION 200, SECTION 280 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND AS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS. DO NOT ALLOW WORKER'S DELIVERY OR CONSTRUCTION VEHICLES TO TRACK MUD ONTO PUBLIC ROADWAYS.
3. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
4. CONTRACTOR SHALL INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES OR CONSTRUCTION AND SHALL MAINTAIN UNTIL PERMANENT VEGETATION OR OTHER APPROVED METHOD OF STABILIZATION IS ESTABLISHED.
5. SEDIMENT CONTROL SHALL BE PROVIDED AND MAINTAINED AROUND ALL OPEN SEWER INLETS AND DISTURBED AREAS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.
6. PROVIDE AND MAINTAIN SILT FENCE AT DOWNHILL PERIMETER OF WORK LIMITS TO RETAIN SEDIMENT FOR EACH PHASE OF CONSTRUCTION.
7. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES AND WILL BE INSPECTED BY THE CONTRACTOR AT LEAST WEEKLY, AND AFTER EACH RAINFALL EVENT PRODUCING RUNOFF. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EROSION CONTROL MEASURES/BMP'S.
8. ALL DISTURBED AREAS TO BE SODDED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
9. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
10. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
11. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 17 (IDOT STANDARD 280001).
12. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 17.
13. REFER TO SPECIAL PROVISIONS FOR MATERIAL INFORMATION.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

- LEGEND**
 *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- - - EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - ⊠ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊗ EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - - - EXISTING RIGHT-OF-WAY
 - INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 17
 - PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 17
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 17



NO.	REVISION	DATE	DATE:
			01/28/2015
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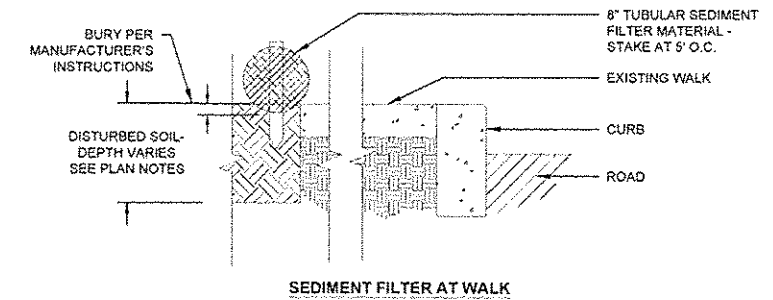
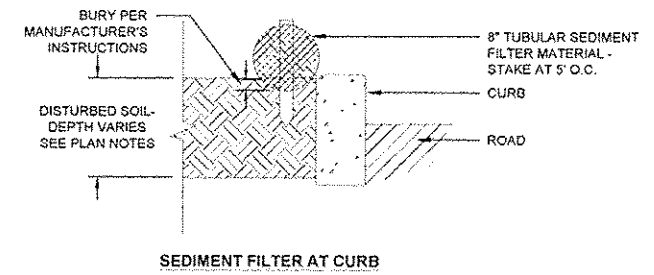
GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

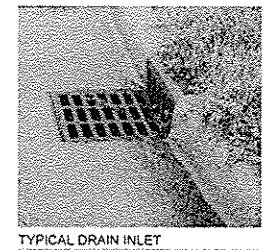
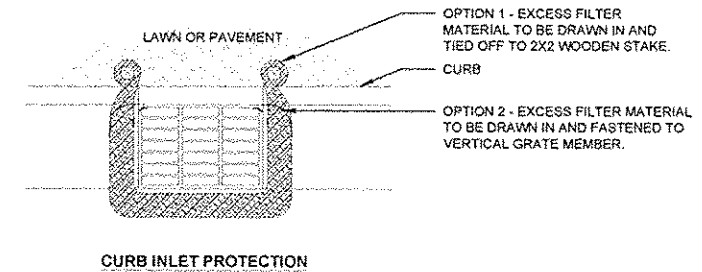
EROSION CONTROL PLAN - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	16
CONTRACT NO. 97539				
PROJ. NO. SBIL-TE-00D8(151)				
FEDERAL AID PROJECT ILLINOIS				

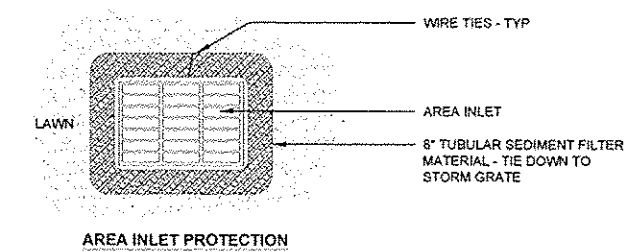
1
17 NOT USED



2
17 PERIMETER EROSION BARRIER -
ROLLED EXCELSIOR SEDIMENT FILTER DETAILS
SECTION NTS



TYPICAL DRAIN INLET



3
17 INLET PROTECTION, SPECIAL - DETAILS -
REFER TO PROJECT SPECIAL PROVISIONS
PLAN NTS

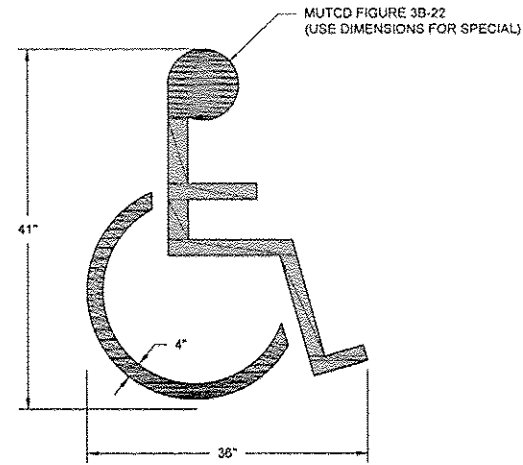
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			01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

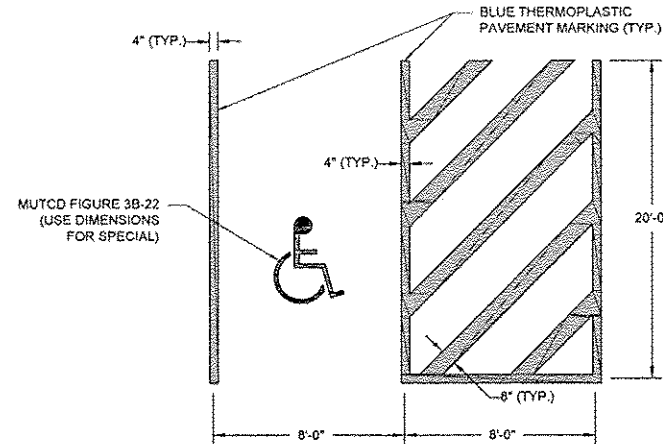
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EROSION CONTROL DETAILS -
FLOOD MEMORIAL

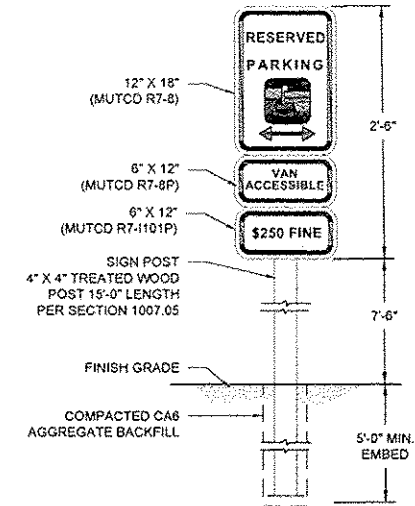
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00228-00-MS	MADISON	84	17
FEDERAL AID PROJECT			ILLINOIS	



1
18 ACCESSIBLE SYMBOL PAVEMENT PARKING
MUTCD FIGURE 3B-22

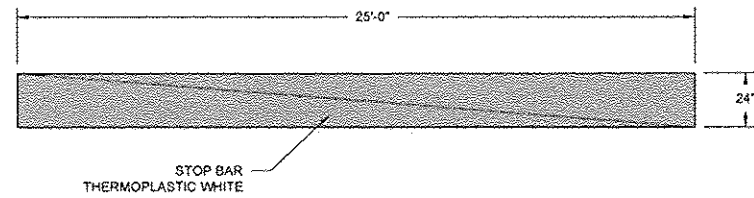


2
18 ACCESSIBLE PAVEMENT MARKING
NTS PLAN

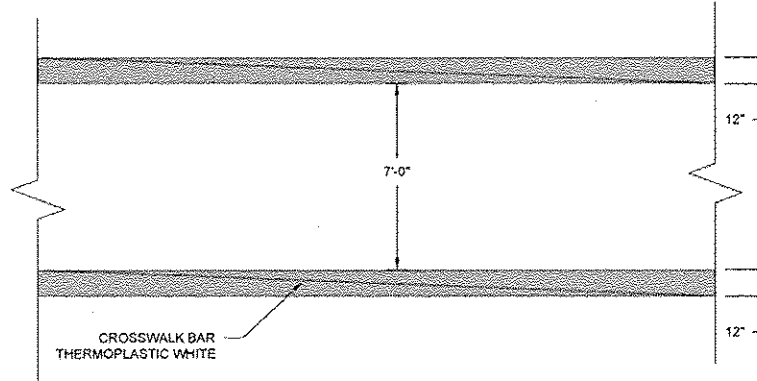


3
18 ACCESSIBLE PARKING SIGN
NTS ELEVATION

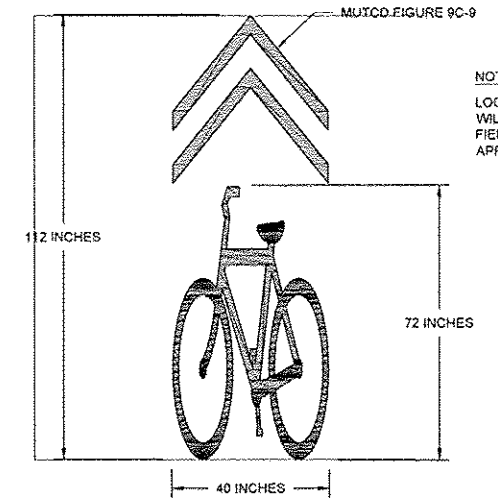
- NOTES:
- HANDICAPPED SIGNS AND POSTS TO CONFORM WITH U.S. DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION.
 - STANDARD HANDICAPPED PARKING SIGN TO BE MOUNTED WITH BOTTOM OF SIGN 7'-6" ABOVE GRADE.
 - TYPE 1 SIGN, TYPE A ASSEMBLY



4
18 STOP BAR DETAIL
PLAN



5
18 CROSSWALK DETAIL
NTS PLAN



6
18 BICYCLE SHARED LANE SYMBOL
NTS PLAN

- NOTES:
- LOCATIONS FOR SYMBOLS WILL BE MARKED IN THE FIELD BY CONTRACTOR FOR APPROVAL BY ENGINEER

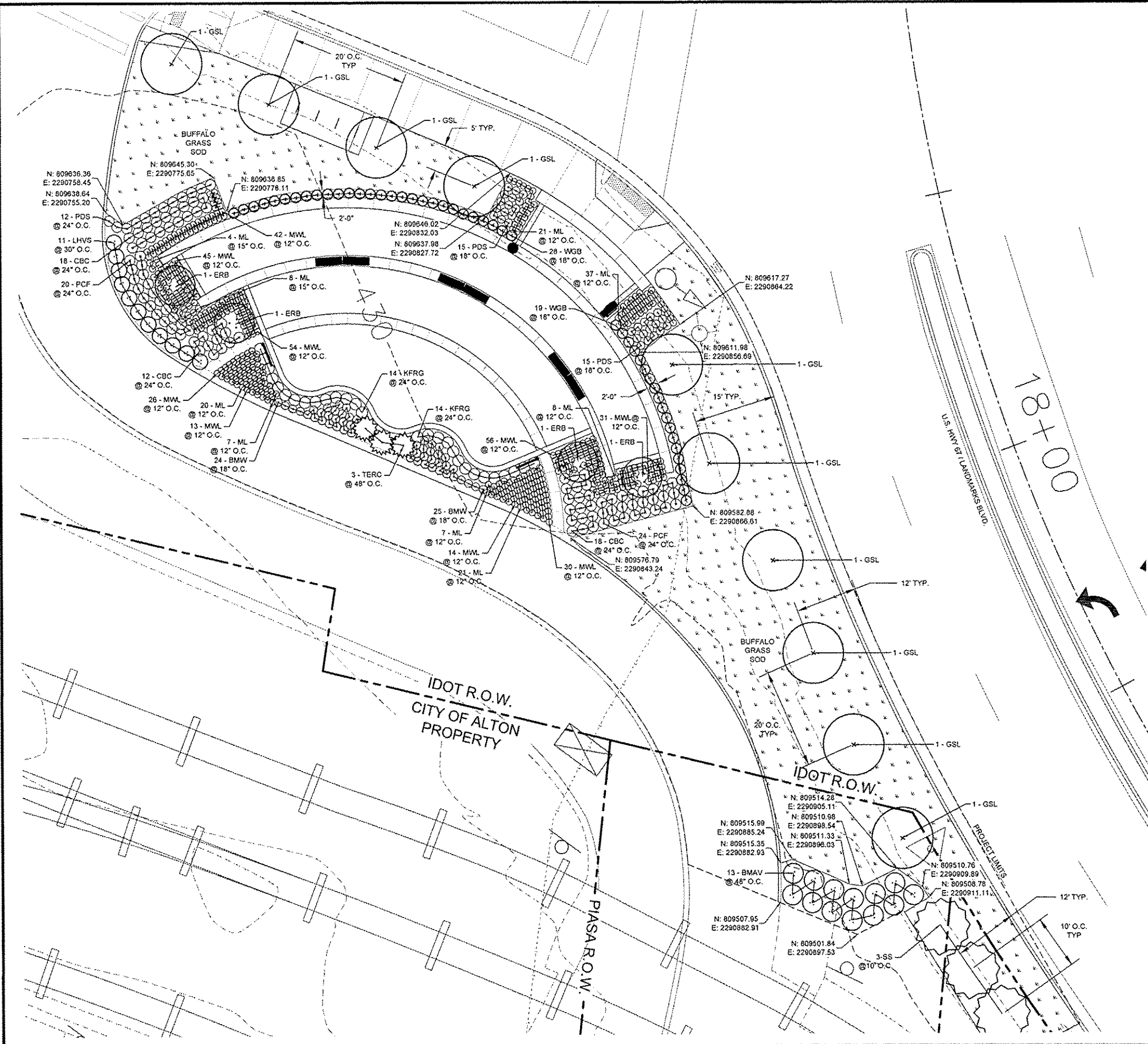
NO.	REVISION	DATE	DATE:
			01/28/2015
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GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

PAVEMENT MARKING DETAILS -
FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	18
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D8(151)
			ILLINOIS	



LANDSCAPE NOTES

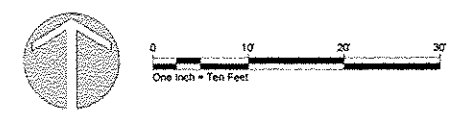
1. ALL EXISTING VEGETATION TO REMAIN AND BE PROTECTED UNLESS NOTES OTHERWISE. DAMAGE TO VEGETATION FROM CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO SATISFACTION OF THE OWNER AT CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER SITE RELATED CONSTRUCTION IN ORDER TO MEET SPECIFIED PLANTING SCHEDULES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR TOPSOIL PLACEMENT AND FINAL SHAPING REQUIREMENTS FOR SOD AND LANDSCAPE PLANTINGS. ALL PLANTING BED AND PLANT LOCATIONS, UNLESS INDICATED OTHERWISE, TO BE STAKED BY THE CONTRACTOR FOR APPROVAL BY ENGINEER PRIOR TO LANDSCAPE OPERATIONS. CITY STAFF TO ARRANGE PLANTS WITHIN PLANTING BED AREAS AT THE ON-CENTER SPACING SHOWN FOR INSTALLATION BY THE CONTRACTOR. CONTRACTOR SHALL STAKE LOCATIONS OF INDIVIDUAL PLANTS NOT IN PLANTING BEDS.
4. CONTRACTOR SHALL VERIFY QUANTITIES AND CONDITIONS PRIOR TO BIDDING AND IMPLEMENTATION. SUBSTITUTIONS WILL NOT BE ALLOWED FOR TYPES AND SIZES OR PLANTS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
5. SIZES SHOWN IN PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES. COMPLY WITH ANSI Z60.1 (CURRENT EDITION). ENGINEER RESERVES THE RIGHT TO REQUEST PHOTOS OF TAGGED PLANTS AND/OR INSPECT PLANT MATERIAL AT THE NURSERY PRIOR TO DELIVERY TO THE PROJECT SITE.
6. CONTRACTOR TO COMPLY WITH ALL SPECIFIED SUBMITTAL REQUIREMENTS AND OBTAIN APPROVED SUBMITTALS PRIOR TO STARTING SOD AND LANDSCAPE PLANTING WORK.
7. THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL REQUIRE 48 HOURS ADVANCE NOTICE FROM CONTRACTOR PRIOR TO IMPLEMENTATION OF LANDSCAPE ACTIVITIES.
8. THE CONTRACTOR WILL COORDINATE A FIELD REVIEW AND APPROVAL OF THE IRRIGATION SYSTEM INSTALLATION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
9. THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL CONDUCT A FINAL INSPECTION OF THE IRRIGATION SYSTEM AND THE DECORATIVE LIGHTING UNITS PRIOR TO THE CITY OF ALTON APPROVING THESE ITEMS.
10. SOD OPERATIONS TO INCLUDE, SOD BED PREPARATION, AND APPLICATION OF FERTILIZER PER IDOT STANDARD SPECIFICATIONS - REFER TO SPECIAL PROVISIONS.
11. CITY STAFF TO SPACE INDIVIDUAL PLANTS WITHIN PLANTING BED AREAS AT ON-CENTER SPACING INDICATED AND MARK LOCATIONS WITH FLAGS FOR INSTALLATION BY THE CONTRACTOR.
12. CONTRACTOR TO LOCATE TREES AND PLANTING BEDS AS INDICATED BY COORDINATES AND DIMENSIONS SHOWN. MARK LOCATIONS WITH FLAGS FOR APPROVAL BY ENGINEER.
13. FIELD ADJUST PLANTINGS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

PLANT MATERIAL KEY

KEY	BOTANICAL NAME	COMMON NAME
SHADE TREES		
GSL	TILIA CORDATA 'GREENSPIRE'	'GREENSPIRE' LINDEN
INTERMEDIATE TREE		
ERB	CERCIS CANADENSIS	EASTERN RED BUD
EVERGREEN TREE		
TERC	JUNIPERUS VIRGINIANA 'TAYLOR'	'TAYLOR' EASTERN RED CEDAR
SS	PICEA OMORIKA	SERBIAN SPRUCE
DECIDUOUS SHRUB		
BMAV	ARROWWOOD VIBURNUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM
LHVS	ITEA VIRGINICA 'LITTLE HENRY'	'LITTLE HENRY' SWEETSPICE
WGB	BUXUS MICROPHYLLA 'WINTERGREEN'	WINTERGREEN LITTLELEAF BOXWOOD
PERENNIAL		
BMV	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS
PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
KRG	CALAMAGROSTIS ACUTIFLORA	KARL FOERSTER FEATHER REED GRASS
PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED
GROUNDCOVER		
ML	LIRIOPE MUSCARI 'MAJESTIC'	'MAJESTIC' LIRIOPE
MWL	LIRIOPE MUSCARI 'MONROE'S WHITE'	'MONROE'S WHITE' LIRIOPE

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
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- EXISTING UTILITY BOX - USE IN PLACE
- ⊙ EXISTING MANHOLE - USE IN PLACE
- EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
- EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
- EXISTING STREET LIGHT - USE IN PLACE
- EXISTING POWER / UTILITY POLE - USE IN PLACE
- EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
- EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
- ⊗ EXISTING STREET LIGHT - USE IN PLACE
- EXISTING GUARDRAIL - USE IN PLACE
- EXISTING TREE - USE IN PLACE
- - - EXISTING RIGHT-OF-WAY



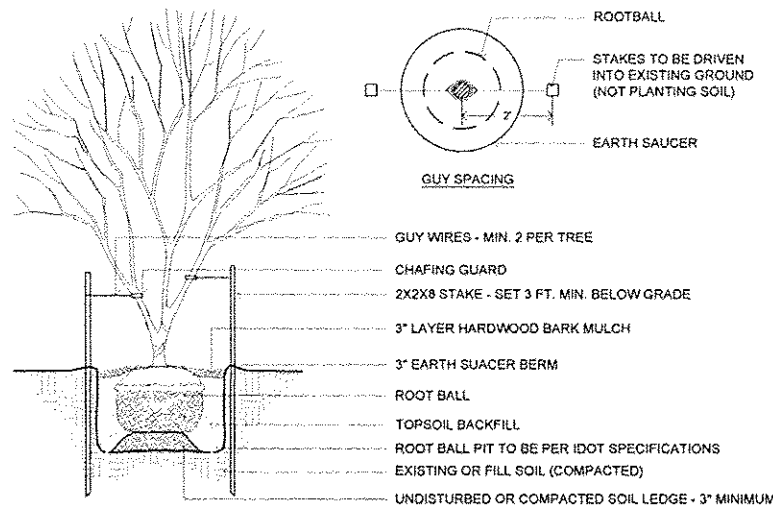
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			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

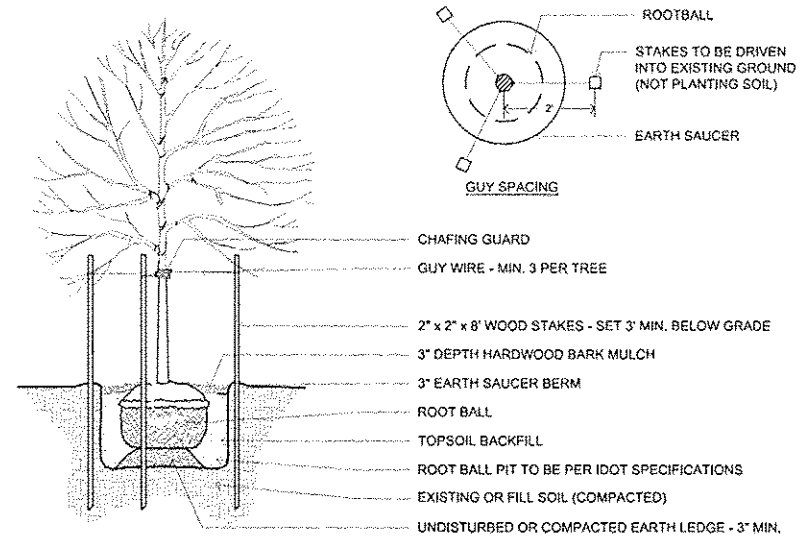
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	09-00226-00-MS	MADISON	84	19
FEDERAL AID PROJECT				ILLINOIS

CONTRACT NO. 97539
PROJ. NO. SBIL-TE-00D8(151)



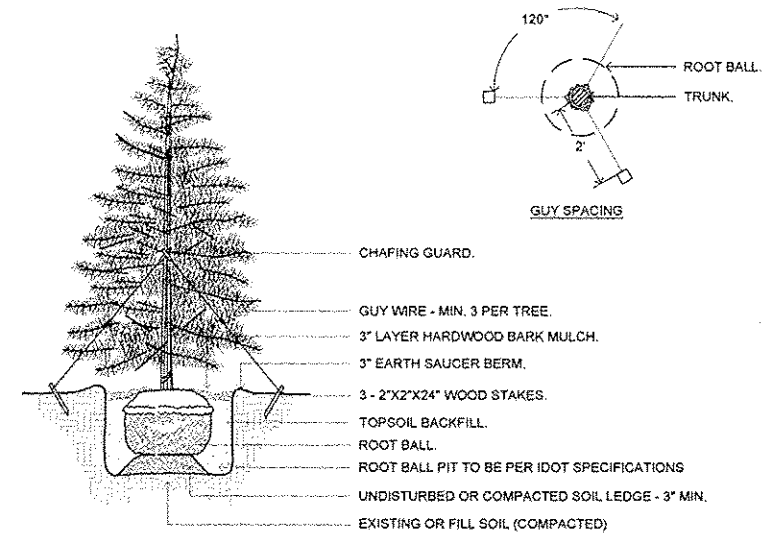
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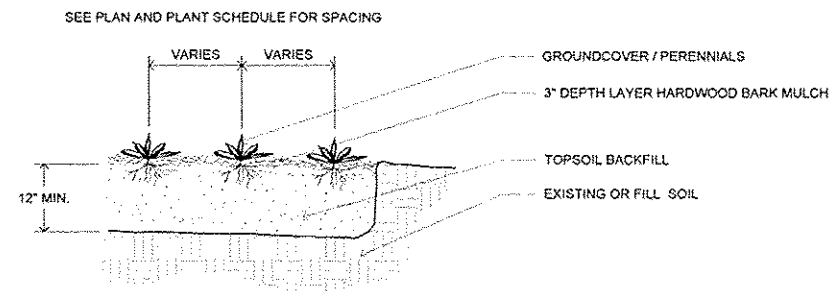
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08a-003
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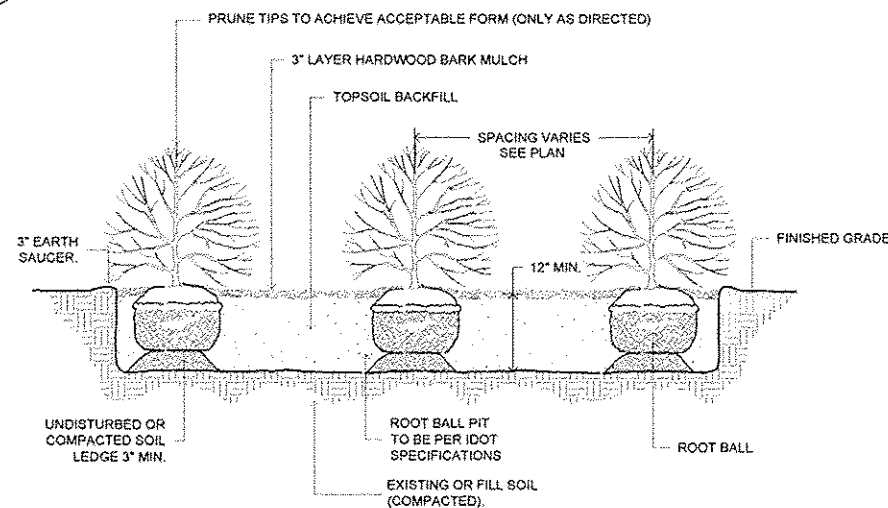
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20 SECTION

08a-002
NTS



4
20 SECTION

08a-006a
NTS



5
20 SECTION

08a-004
NTS

PLANT MATERIAL SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	MATURE HT.	MATURE SPREAD	SIZE & CONDITION	TOTAL
SHADE TREE						
GSL	TILIA CORDATA 'GREENSPIRE'	'GREENSPIRE' LINDEN	50'	35'	2" CAL. B&B	10
INTERMEDIATE TREE						
ERB	CERCIS CANADENSIS	EASTERN RED BUD	20'	25'	2" CAL. B&B	4
EVERGREEN TREE						
TERC	JUNIPERUS VIRGINIANA 'TAYLOR'	'TAYLOR' EASTERN RED CEDAR	15'	5'	8" HT. B&B	3
SS	PICEA OMORIKA	SERBIAN SPRUCE	40'	15'	8" HT. B&B	3
DECIDUOUS SHRUB						
BMAV	VIBURNUM DENTATUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM	5'	4'	2" HT. CONT.	13
LHVS	ITEA VIRGINICA 'LITTLE HENRY'S'	'LITTLE HENRY'S' VIRGINIA SWEETSPICE	2'	2.5'	4" CAL. POT	11
WGB	BUXUS MICROPHYLLA 'WINTERGREEN'	WINTERGREEN LITTLELEAF BOXWOOD	4'	5'	2" HT. CONT.	47
PERENNIAL						
BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	2.5'	1.5'	QT. POT	49
CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS	1.5'	3'	QT. POT	48
KRG	CALAMAGROSTIS ACUTIFLORA	KARL FOERSTER FEATHER REED GRASS	5'	2.5'	2-GAL POT	28
PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER	2'	1.5'	QT. POT	44
PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	3'	3'	1-GAL POT	42
GROUNDCOVER						
ML	LIRIOPE X MUSCARI MAJESTIC	'MAJESTIC' LIRIOPE	1.5'	1.5'	1-GAL POT	133
MWL	LIRIOPE MUSCARI 'MONROE'S WHITE'	'MONROE'S WHITE' LIRIOPE	1.5'	1.5'	1-GAL POT	311
SEED - BUFFALOGRASS (5,165 SF)						
REFER TO SPECIFICATIONS						574 SY

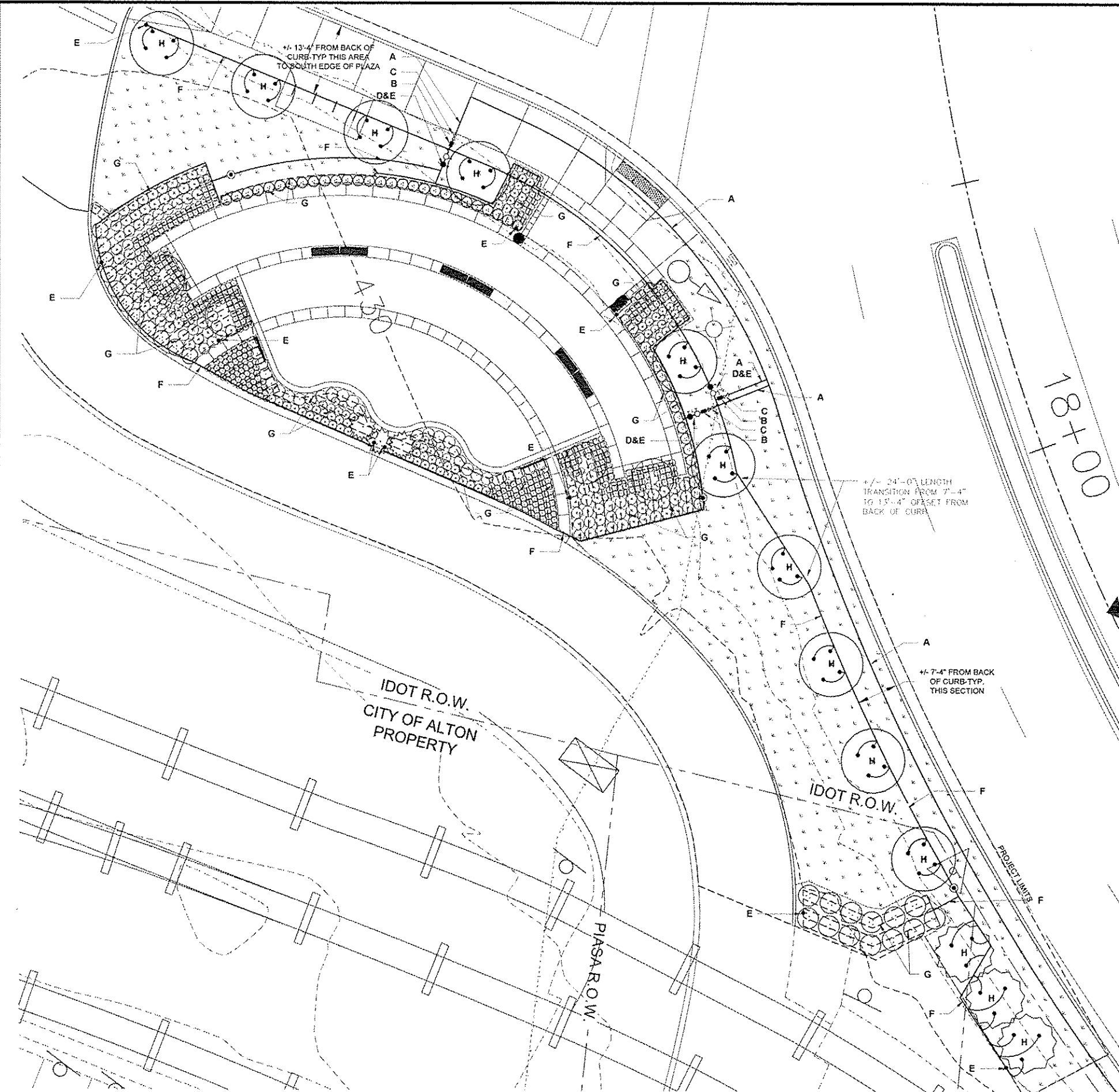
NO.	REVISION	DATE	DATE:
			01/28/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LANDSCAPE DETAILS -
FLOOD MEMORIAL

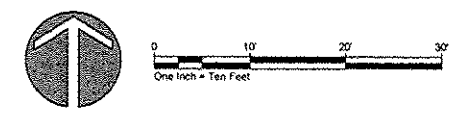
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00228-00-MS	MADISON	84	20
CONTRACT NO. 97539				
PROJ. NO. SBIL-TE-00D8(151)				
FEDERAL AID PROJECT				
ILLINOIS				



- LEGEND**
 *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- - - EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - ⊠ EXISTING DRAIN INLET - USE IN PLACE
 - ⊠ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - ⊠ EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - ⊙ EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - ⊙ EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ⊠ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊠ EXISTING STREET LIGHT - USE IN PLACE
 - - - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - - - EXISTING RIGHT-OF-WAY
 - METER
 - ⊠ MAIN SHUT OFF VALVE
 - ⊠ BACKFLOW PREVENTER
 - ⊠ ISOLATION VALVE
 - ⊠ ZONE VALVE
 - FLUSH VALVE
 - AIR RELIEF VALVE
 - IRRIGATION PIPE
 - - - DRIP TUBING W/ EMITTERS @ 12" O.C.
 - ROOT ZONE WATERING COMPONENTS
 - ⊙ QUICK COUPLER VALVE

- IRRIGATION SYSTEM NOTES**
1. IRRIGATION SYSTEM LAYOUT AND COMPONENTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL PREPARE FINAL SHOP DRAWING SUBMITTAL OF IRRIGATION SYSTEM DESIGN FOR APPROVAL TO PROVIDE A COMPLETE AND PROPERLY OPERATIONAL SYSTEM. SYSTEM COMPONENTS TO INCLUDE ALL ITEMS FOR PROPER OPERATION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - 1.1. IRRIGATION DISTRIBUTION MAINS
 - 1.2. SYSTEM VALVES (SYSTEM SHUTOFF, ZONE CONTROLS, SYSTEM FLUSH, AIR RELIEF, DRAIN & ISOLATION VALVES, AND REDUCED PRESSURE BACKFLOW PROTECTION DEVICES, ETC.)
 - 1.3. BLANK, DISTRIBUTION DRIP TUBING
 - 1.4. DRIP TUBING WITH SELF-CLEANING, PRESSURE REGULATION EMITTERS @ 12" ON-CENTER
 - 1.5. ROOT ZONE WATERING SYSTEM COMPONENTS WITH EMITTERS AT INDIVIDUAL TREE LOCATIONS
 - 1.6. INCIDENTAL ITEMS SUCH AS VALVE BOXES, DRIP TUBING ANCHORS, FITTINGS, ETC.
 2. CONTRACTOR SHALL FIELD VERIFY SYSTEM OPERATIONAL AND RESIDUAL WATER PRESSURE AVAILABLE TO INCORPORATE INTO SYSTEM DESIGN AT EACH POINT OF CONNECTION. COORDINATE FLOW TESTS WITH ILLINOIS AMERICAN WATER COMPANY (I.A.W.C.) AND THE CITY OF ALTON.
 3. DRIP TUBING LATERALS WITH EMITTERS TO BE SPACED AT 18" ON-CENTER MAXIMUM LATERAL SPACING. LENGTH OF INDIVIDUAL LATERAL RUNS NOT TO EXCEED VALUES LISTED IN TABLE - SHEET 23.
 4. IRRIGATION DISTRIBUTION MAINS TO BE INSTALLED AT 18" MINIMUM BELOW FINISH GRADE. PROVIDE WARNING TAPE WITH INTEGRAL TRACE WIRE IN TRENCH. PLACE WARNING TAPE 6" MINIMUM BELOW FINISH GRADE.
 5. INSTALL BLANK DRIP TUBING 12" MINIMUM BELOW FINISH GRADE WITH DETECTABLE WARNING TAPE IN TRENCH. INSTALL DRIP TUBING WITH EMITTERS IN THE TOP 3" OF SOIL IN PLANTING BEDS. COVER SOIL WITH 3" MINIMUM DEPTH OF WOOD BARK MULCH.
 6. INSTALL 4" DIA. X 18" DEEP ROOT WATERING SYSTEM COMPONENTS PER MANUFACTURER'S INSTRUCTIONS.
 7. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
 8. INSTALL DRAIN VALVES FOR EACH ZONE.
 9. LOCATIONS SHOWN FOR IRRIGATION SYSTEM COMPONENTS ARE DIAGRAMMATIC IN NATURE EXCEPT WHERE DIMENSIONS ARE SHOWN. CONTRACTOR SHALL COORDINATE WITH CITY STAFF TO MARK THE PROPOSED LOCATIONS OF COMPONENTS ARRANGED IN SEQUENCE AND APPROXIMATE LOCALATIONAL ARRANGEMENTS INDICATED. GROUP/SPACE ITEMS FOR EASE OF MAINTENANCE AND IN AN ORGANIZED AND LOGICAL MANNER. DETAILED LOCATIONS ARE NOT MANDATORY. AVOID CONFLICTS WITH OTHER PROPOSED FLOOD MEMORIAL IMPROVEMENTS. FOLLOW MANUFACTURER'S RECOMMENDATIONS.
 10. AFTER MARKING LOCATIONS OF IRRIGATION SYSTEM COMPONENTS OBTAIN PRIOR APPROVAL OF ENGINEER BEFORE BEGINNING INSTALLATION.
 11. FOLLOW MANUFACTURER'S INSTALLATION REQUIREMENTS AND SPACING OF WATERING UNITS FOR ROOT ZONE WATERING COMPONENTS INDICATED FOR INDIVIDUAL PLANT LOCATIONS. FIELD MARK FOR APPROVAL PER NOTE 9.
 12. REFER TO LAYOUT PLANS FOR LOCATION OF PERIMETER LIMITS OF LANDSCAPE PLANTING BEDS. LOCATE DRIP TUBING EMITTERS AT 18" O.C. MAXIMUM BETWEEN TUBING RUNS. LOCATE TUBING TO PROVIDE EQUAL DISTRIBUTION OF WATER THROUGHOUT ENTIRE BED AREA. REFER TO NOTE 3 REGARDING LENGTH OF TUBING RUNS.
 13. WHERE IRRIGATION MAINS ARE SHOWN/LOCATED TOWARD THE BACK OF THE RIGHT OF WAY (ROW), INSTALL MAINS AT A MINIMUM OF 3' INSIDE THE ROW FOR TRENCHING CLEARANCE.
 14. FIELD VERIFY LOCATION OF EXISTING WATER MAINS AT ALL TAP LOCATIONS WITH I.A.W.C. CONTACT 618-466-2131.
 15. I.A.W.C. TO TAP EXISTING MAIN, PROVIDE AND INSTALL WATER METER PIT AND METER AT EACH IRRIGATION SYSTEM TAP LOCATION, AND PROVIDE TERMINATION THAT WILL SERVE AS THE CONTRACTOR'S POINT OF CONNECTION (P.O.C). CONTRACTOR SHALL COORDINATE WITH I.A.W.C. FOR SCHEDULING THE WATER MAIN TAPS.
 16. DIRECT BORE IRRIGATION UNDER EXISTING ROADWAY, DRIVE AND PARKING LOT PAVEMENTS WHERE INDICATED. COORDINATE WITH IDOT AND THE CITY OF ALTON FOR WRITTEN APPROVAL PRIOR TO BEGINNING BORING OPERATIONS.
 17. REFER TO JOB SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
 18. INSTALL DRAIN VALVES FOR EACH ZONE.
 19. FIELD ADJUST IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

- KEY**
- A. DISTRIBUTION MAINS (SIZE VARIES)
 - B. COMBINATION CONTROLLER / ZONE VALVES
 - C. ISOLATION VALVES
 - D. FLUSH VALVES
 - E. AIR RELIEF VALVES
 - F. BLANK, DISTRIBUTION DRIP TUBING
 - G. DRIP TUBING WITH EMITTERS AT 12" O.C.
 - H. ROOT ZONE WATERING COMPONENTS



NO.	REVISION	DATE	DATE:
			01/28/2015
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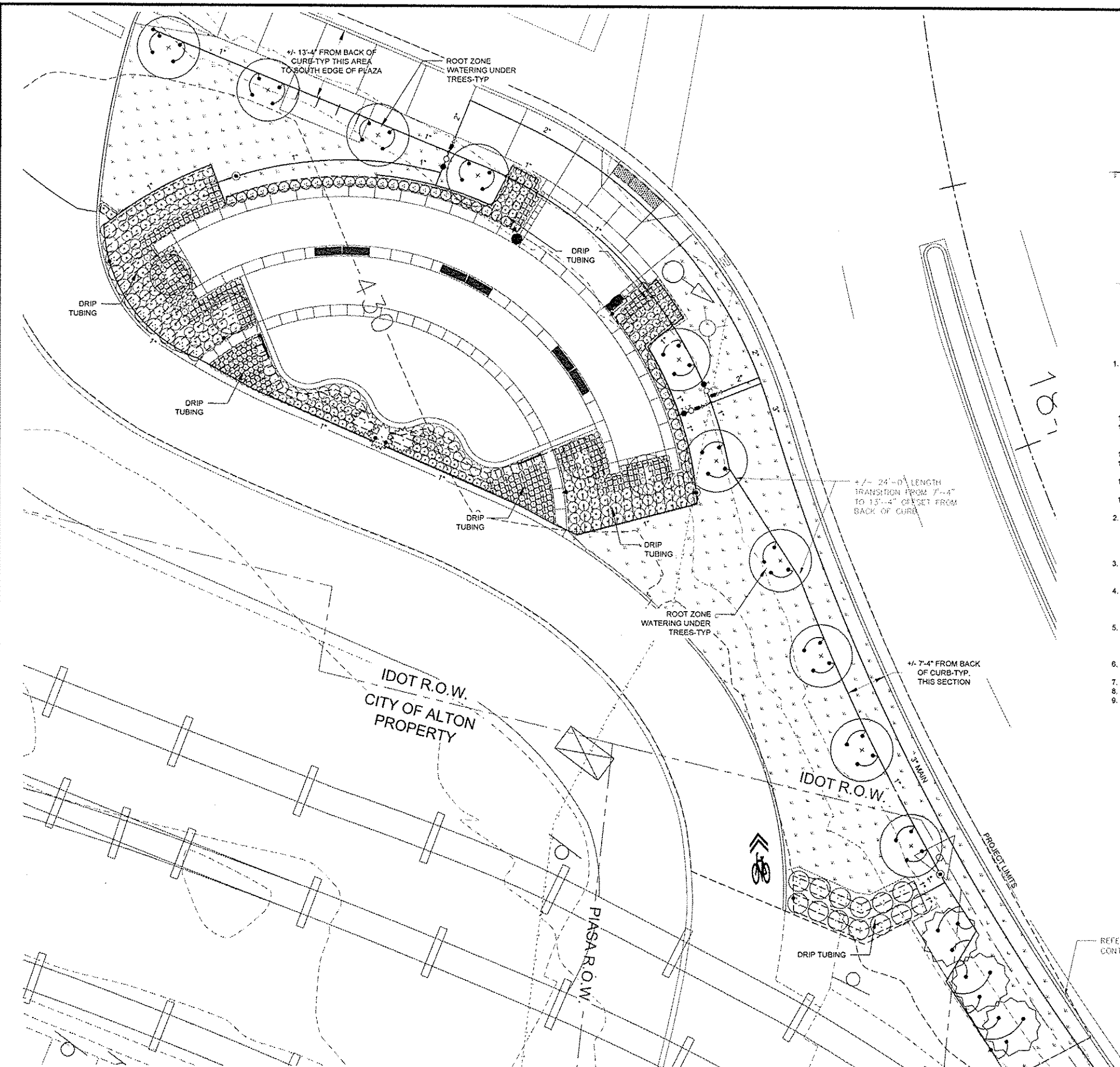
GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

IRRIGATION SYSTEM COMPONENTS - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	21
FEDERAL AID PROJECT			ILLINOIS	

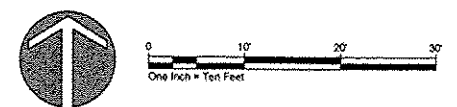
CONTRACT NO. 97539
 PROJ. NO. SBIL-TE-00D8(151)



LEGEND
 INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE

- - -	EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED	○	EXISTING TREE - USE IN PLACE
⊠	EXISTING DRAIN INLET - USE IN PLACE	- - -	EXISTING RIGHT-OF-WAY
⊠	EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE	□	METER
⊠	EXISTING UTILITY BOX - USE IN PLACE	⊠	MAIN SHUT OFF VALVE
⊙	EXISTING MANHOLE - USE IN PLACE	⊠	BACKFLOW PREVENTER
⊙	EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE	⊠	ISOLATION VALVE
⊙	EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE	⊠	ZONE VALVE
●	EXISTING STREET LIGHT - USE IN PLACE	○	FLUSH VALVE
●	EXISTING POWER / UTILITY POLE - USE IN PLACE	●	AIR RELIEF VALVE
□	EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)	—	IRRIGATION PIPE
⊠	EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)	- - -	DRIP TUBING W/ EMITTERS @ 12" O.C.
⊠	EXISTING STREET LIGHT - USE IN PLACE	⊠	ROOT ZONE WATERING COMPONENTS
—	EXISTING GUARDRAIL - USE IN PLACE	⊙	QUICK COUPLER VALVE

- IRRIGATION SYSTEM NOTES**
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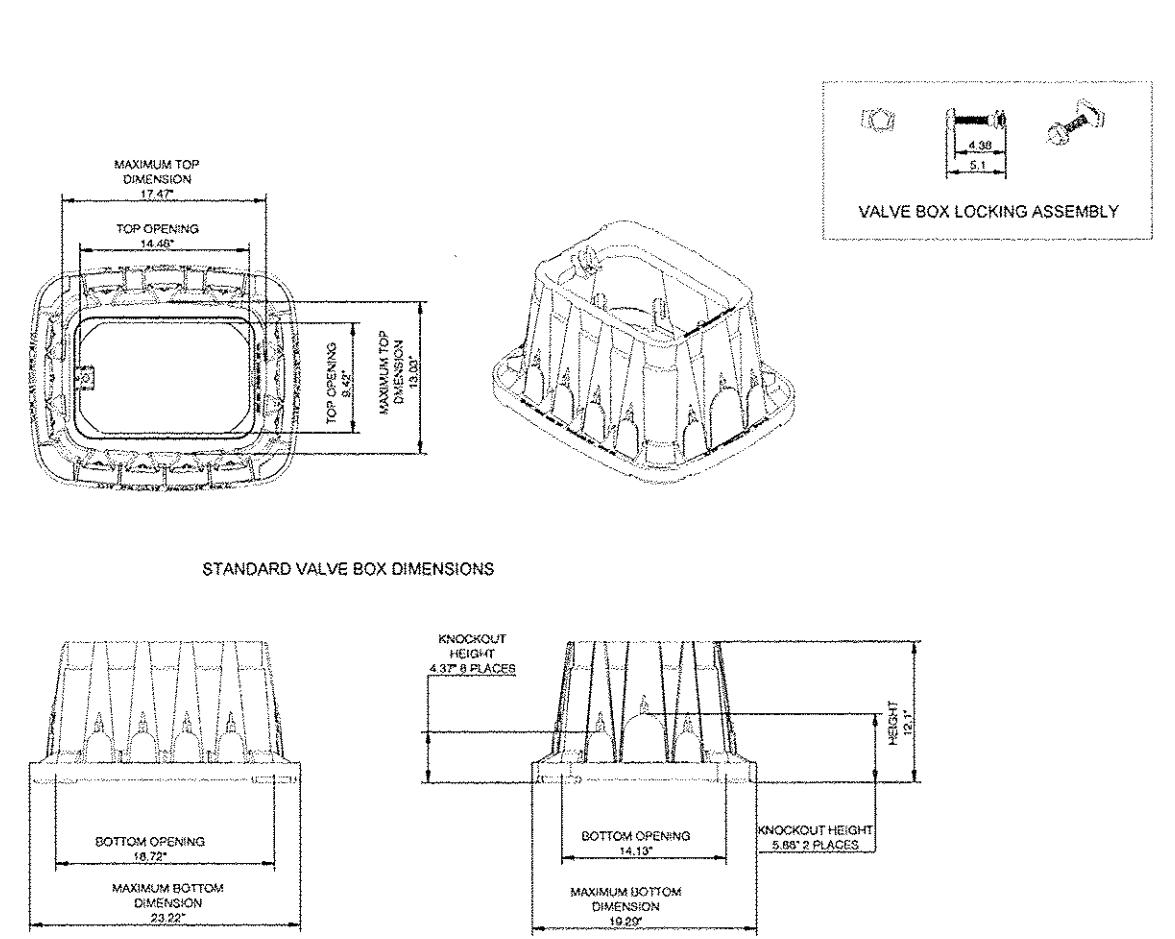
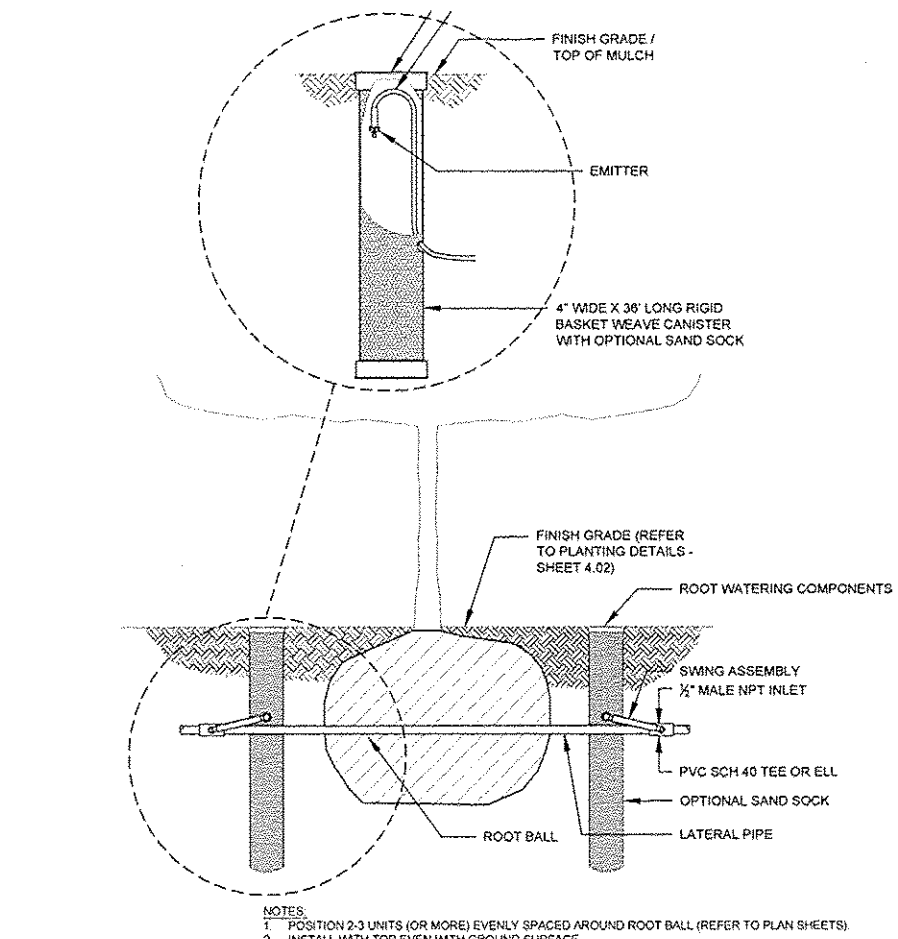
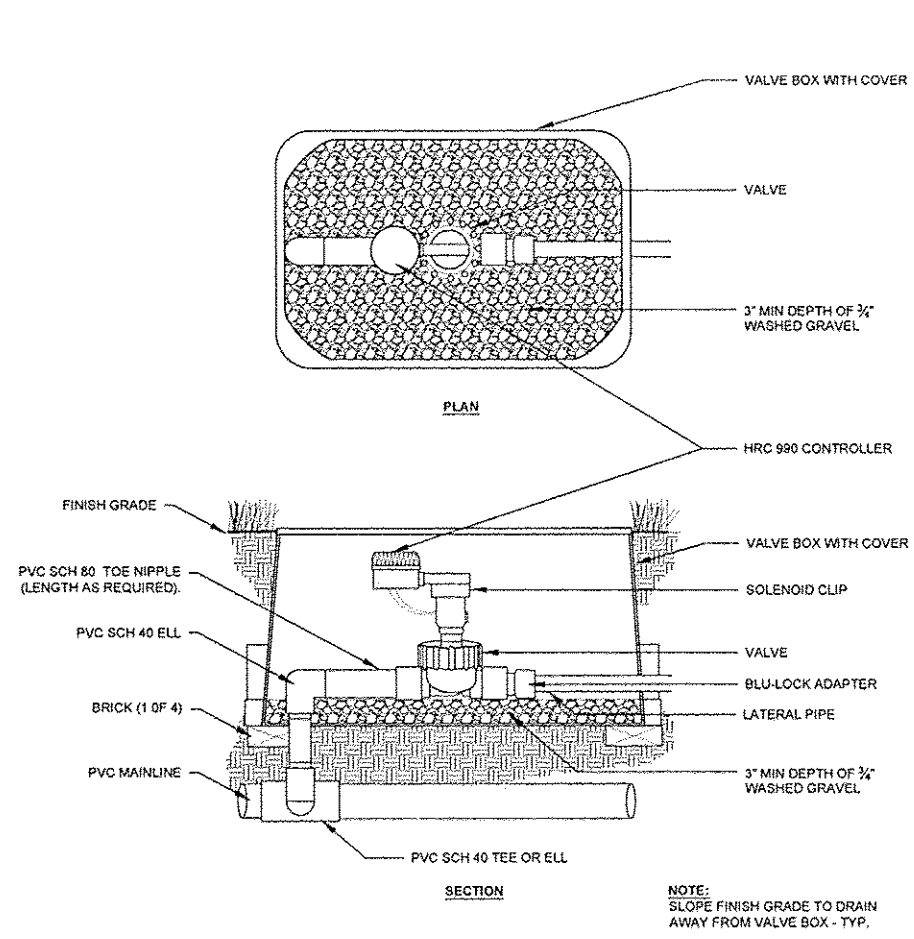
NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62902

IRRIGATION PLAN - FLOOD MEMORIAL

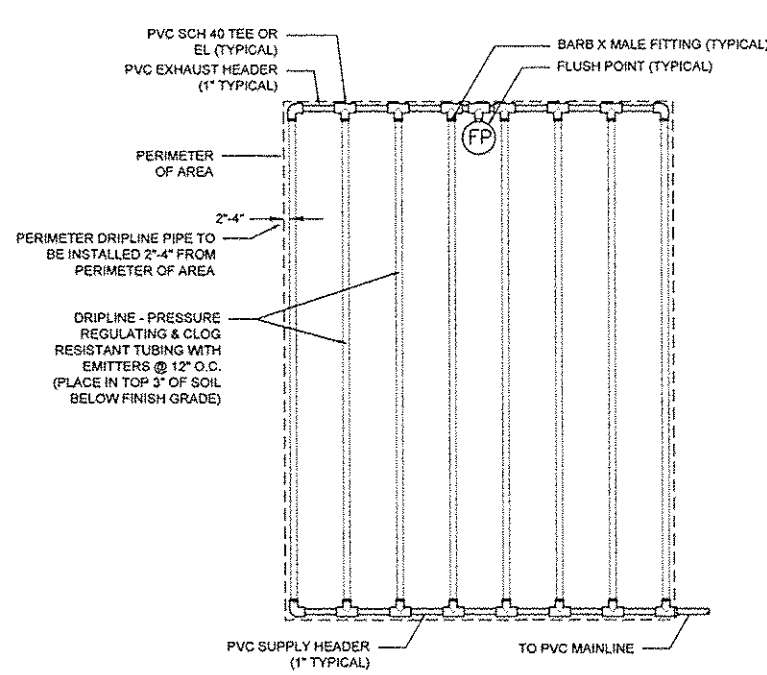
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	22
CONTRACT NO. 07538			PROJ. NO. SBIL-TE-0008(151)	
FEDERAL AID PROJECT			ILLINOIS	



1
23 PLAN / SECTION

2
23 SECTION

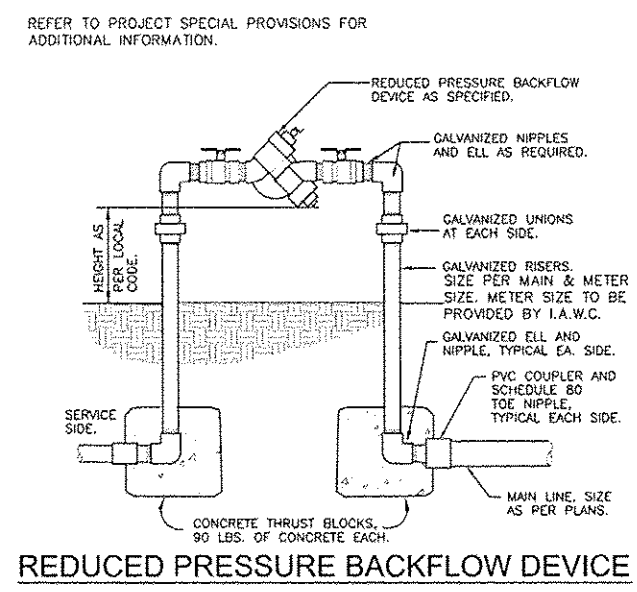
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23 PLAN / ELEVATION / ISOMETRIC



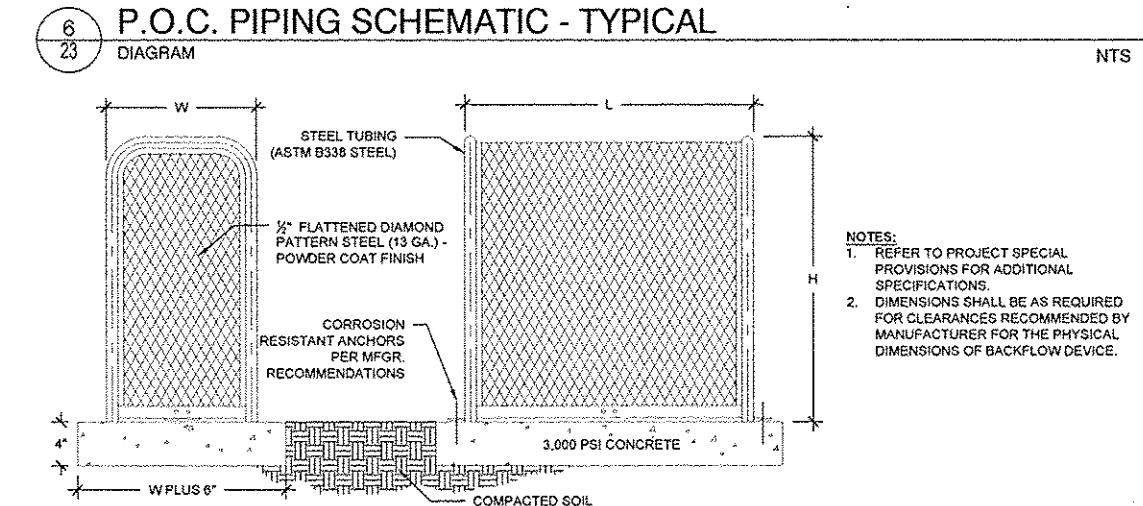
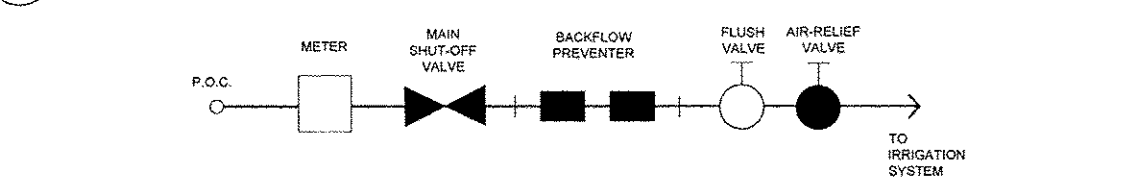
NOTES:
1. DISTANCE BETWEEN LATERAL ROWS SHALL BE 18\"/>

Inlet Pressure (psi)	18\"/>	
	Nominal Flow (gph)	
15	314	250
20	353	294
30	413	350
40	465	402
50	528	420
60	598	455

4
23 PLAN



5
23 SECTION



7
23 ELEVATION

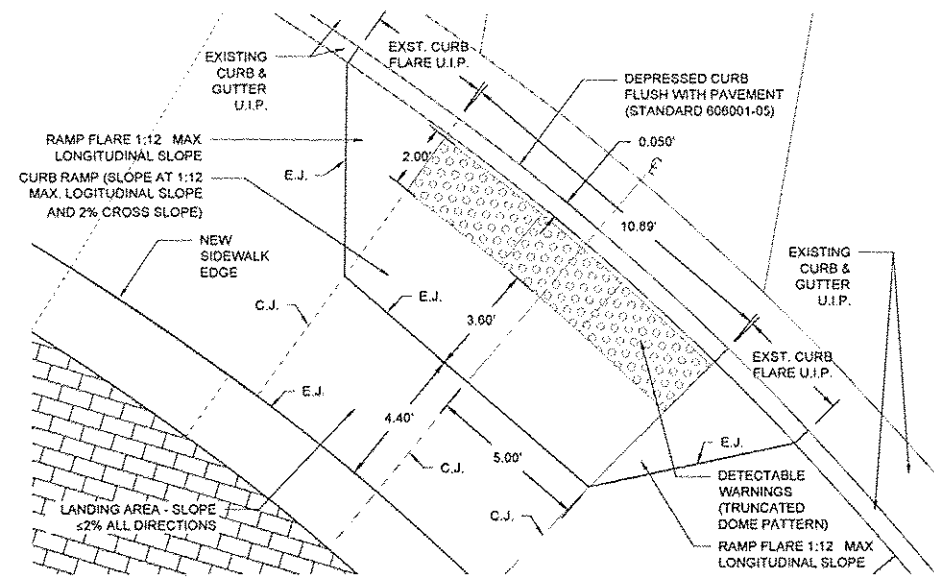
NO.	REVISION	DATE
		01/28/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

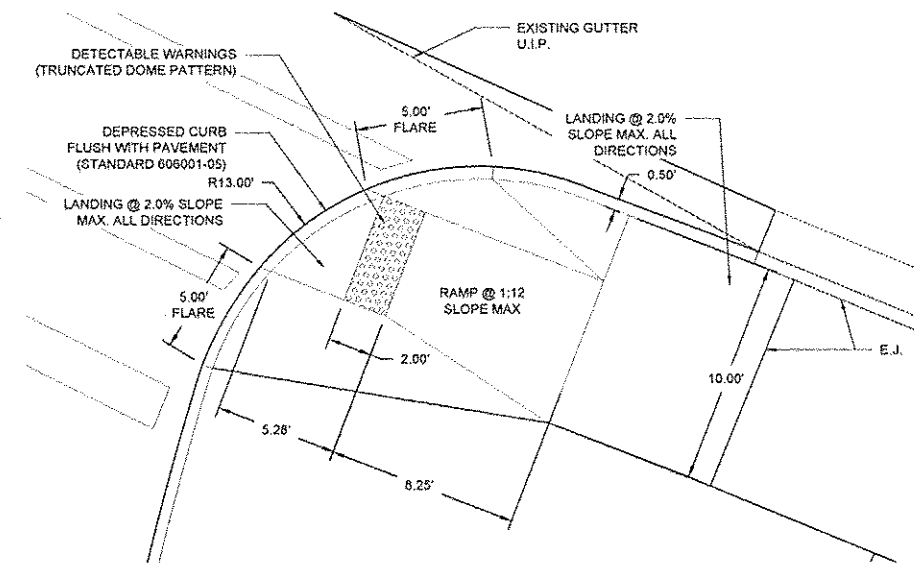
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

IRRIGATION DETAILS - FLOOD MEMORIAL

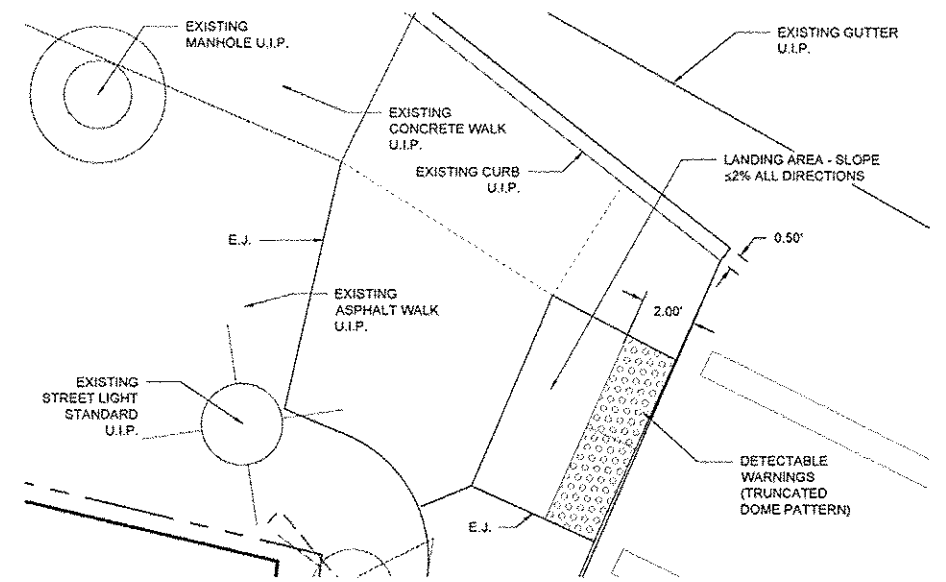
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	23
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				PROJ. NO. SBIL-TE-00D8(151)
	FEDERAL AID PROJECT	ILLINOIS		



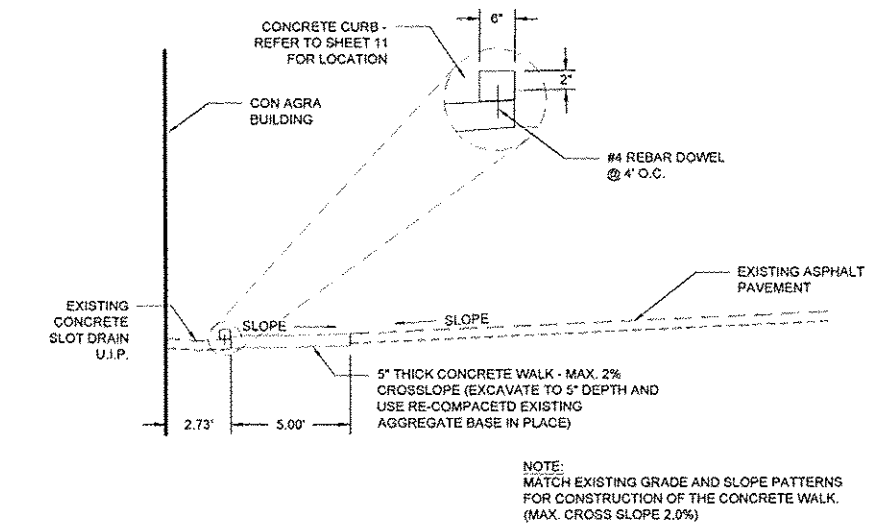
1 CURB RAMP - STANDARD 424016
 24 PLAN: REFER TO SHEETS 11 & 12



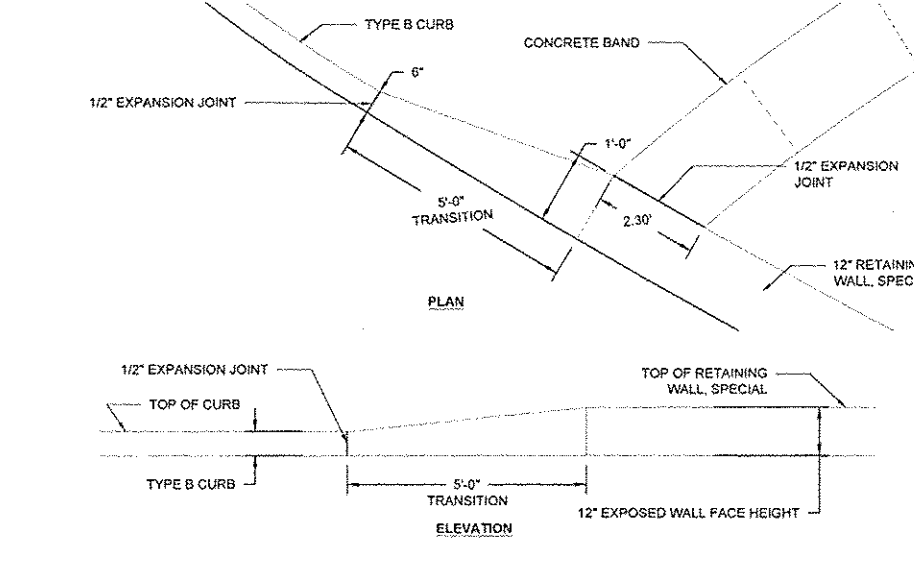
2 CURB RAMP - STANDARD 424001
 24 PLAN: REFER TO SHEETS 11 & 12



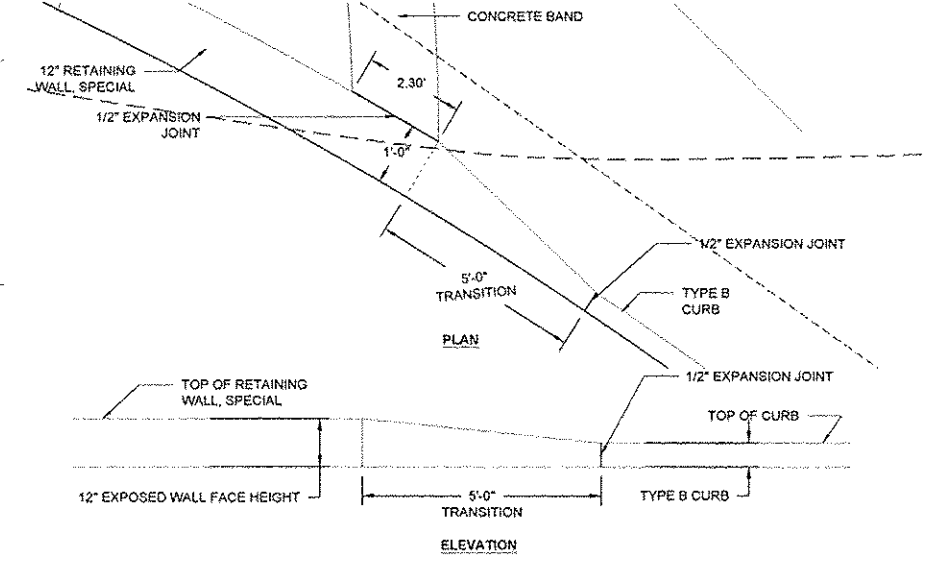
3 DETECTABLE WARNING STRIP - STANDARD 424001
 24 PLAN: REFER TO SHEETS 11 & 12



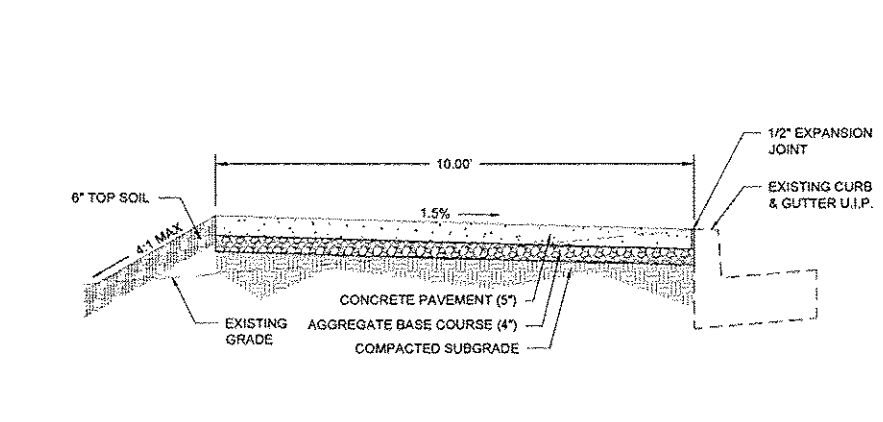
4 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 24 SECTION: REFER TO SHEETS 11 & 12



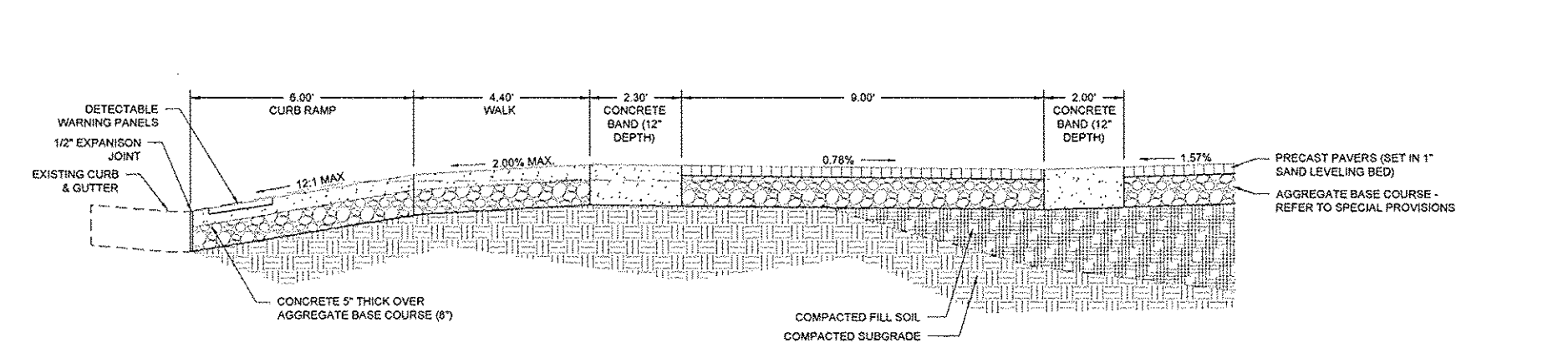
5 CURB TRANSITION - PLAN & ELEVATION
 24 PLAN/ELEVATION: REFER TO SHEETS 11 & 12



6 CURB TRANSITION - PLAN & ELEVATION
 24 PLAN/ELEVATION: REFER TO SHEETS 11 & 12



7 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 24 SECTION: REFER TO SHEETS 11 & 12



8 FLOOD MEMORIAL PLAZA AREA
 24 SECTION: REFER TO SHEETS 11 & 12

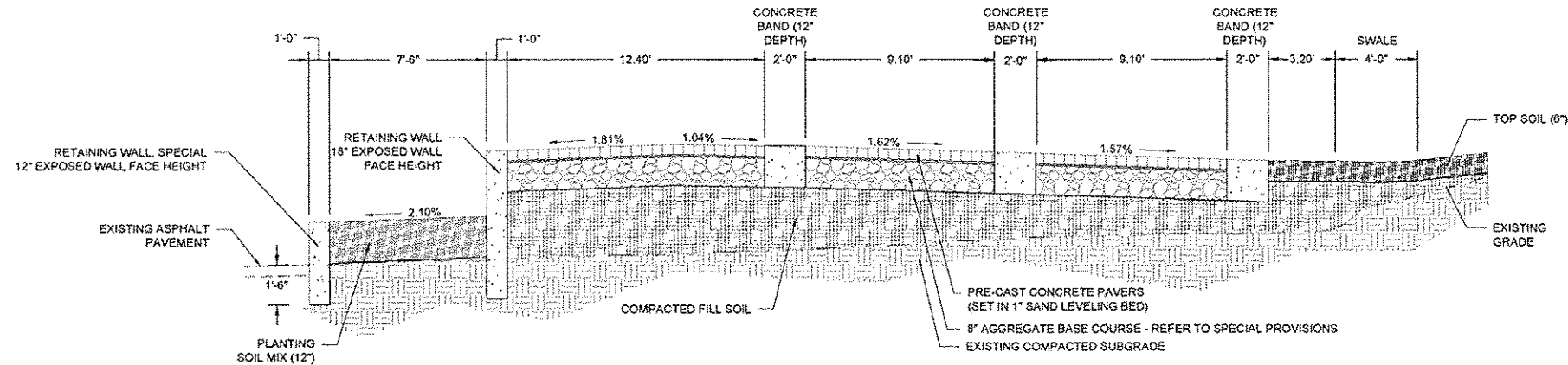
NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

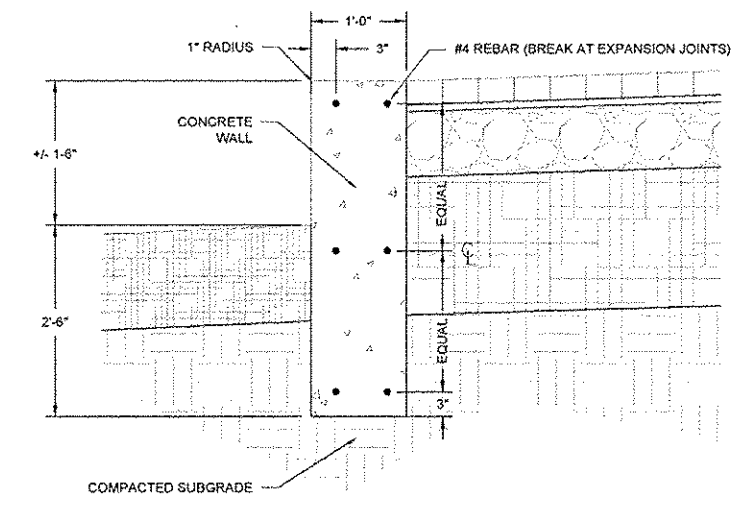
CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

CONSTRUCTION DETAILS - FLOOD MEMORIAL

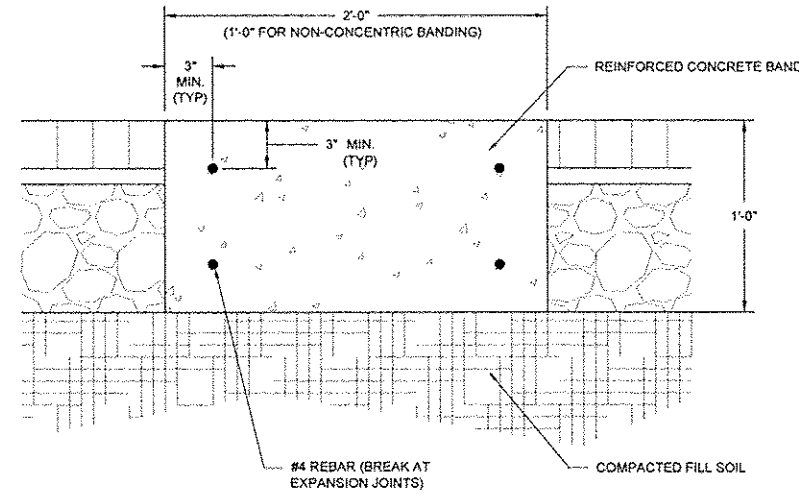
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FEDERAL AID PROJECT			ILLINOIS	



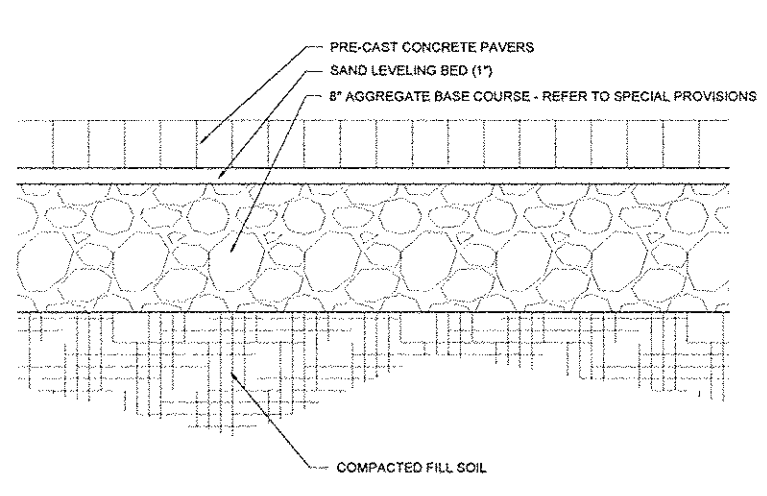
1 FLOOD MEMORIAL PLAZA AREA
25 SECTION



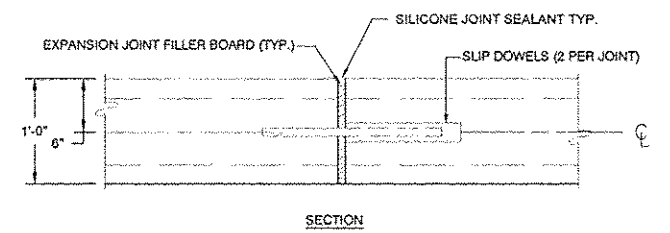
2 RETAINING WALL - SERPENTINE CONFIGURATION
25 SECTION



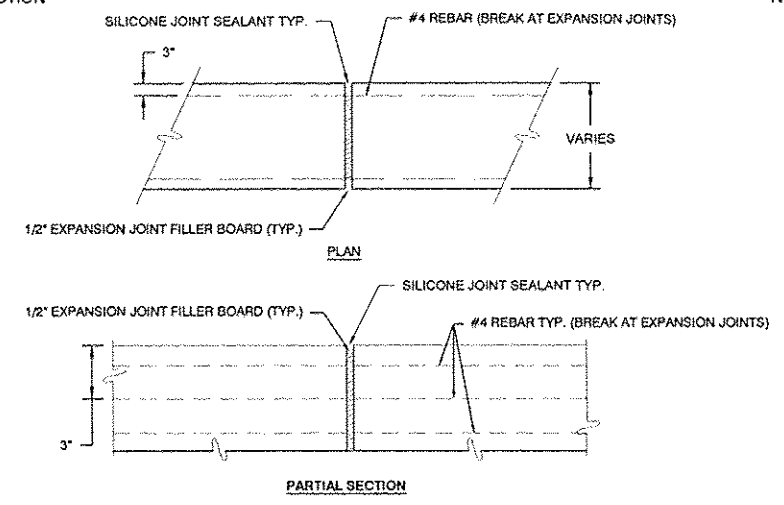
3 PORTLAND CEMENT CONCRETE BANDING (12" & 24")
25 SECTION



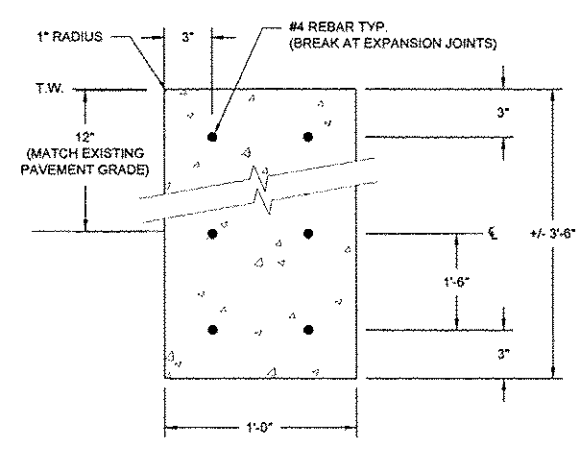
4 CONCRETE PAVER SIDEWALK
25 SECTION



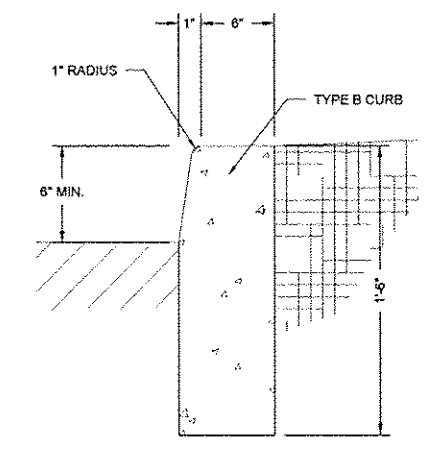
5 EXPANSION JOINT - P.C.C. BANDING (12" & 24")
25 PLAN & SECTION



6 EXPANSION JOINT (CURBS, BANDING, RETAINING WALLS)
25 SECTION



7 LOW RETAINING WALL, SPECIAL
25 SECTION



8 TYPE B CURB
25 SECTION

NO.	REVISION	DATE	DATE:
			01/28/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

CONSTRUCTION DETAILS - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	25
FEDERAL AID PROJECT		ILLINOIS		

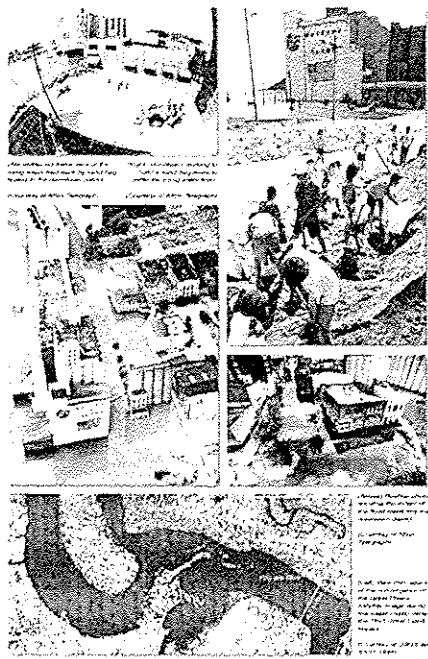
Great Rivers Flood Memorial

Since 1844 ten major flood events have occurred in Alton. The worst three resulted in the flooding of the riverfront and portions of downtown.

The greatest flood event, in the summer of 1993 with a crest of 23 feet above flood stage, is well-remembered by those enduring those few months of hardship.

Out of hardship arose community spirit and the will to fight the rising floodwaters to help protect the community.

The Great Flood of 1993 may be remembered for its devastation and tragedy but it should also be remembered for the dedication and spirit of the community and the individuals.

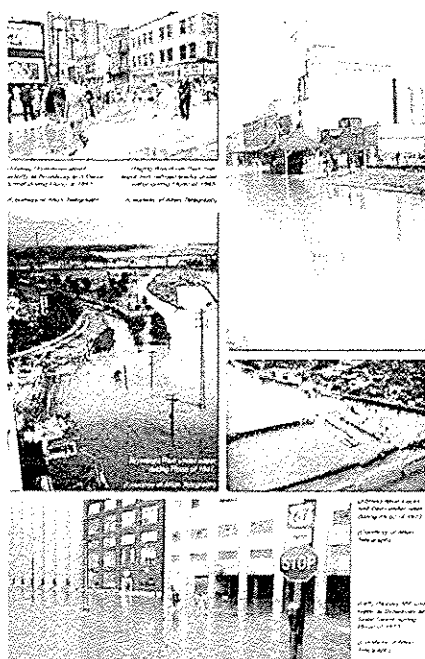


Great Rivers Flood Memorial

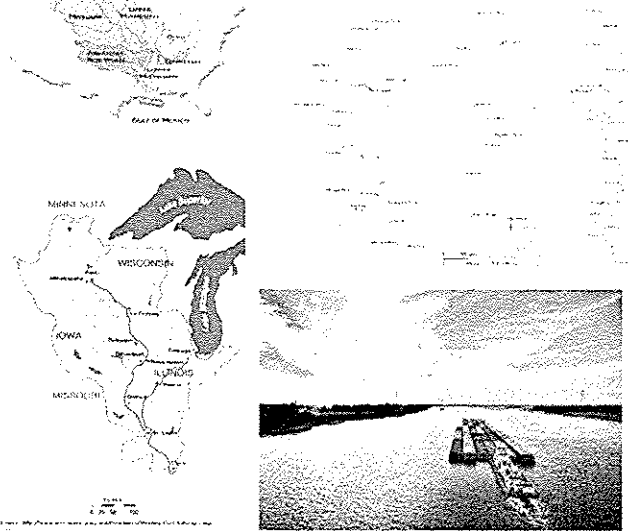
Flood events are part of Alton's long history. The worst three floods occurred in 1844, 1973 and 1993 flooding the riverfront and portions of downtown.

During the 1940's major flooding also occurred on multiple occasions. Flooding in 1943 and 1947 impacted the riverfront, downtown streets, as well as many businesses and homes.

Prior to the Great Flood of 1993, the spring flooding in 1973 was the greatest flood event on record. The crest was 17 feet above flood stage and flood waters covered much of downtown, Riverfront Park and the old Alton Lock and Dam No. 26 which relocated 17 years later further downstream.



Mississippi River Basin



Great Rivers Flood Memorial

You are standing just downstream of the confluence of the Illinois and Mississippi Rivers and just upstream from the confluence with the Missouri River. During the Great Flood of 1993 water in the area of this memorial was approximately 9.5 feet deep and the shore to shore distance of the flood waters measured around 4.3 miles. Some facts about the Mississippi and its tributaries will help you understand the significance and history of this important river.

It is a Big River
The Mississippi River is the fourth longest river in the world at 2,350 miles. Only the Nile, Amazon and Yangtze Rivers are longer. At its headwaters the river is 20 to 30 feet wide. At its widest navigable point it flows approximately two miles wide. At its headwaters it flows approximately 2.7 thousand gallons per minute. At the Gulf of Mexico the volume is approximately 2.7 million gallons per minute. The river and its tributaries drain over 1.2 million square miles of land covering 31 states and two Canadian Provinces. There are six sub-basins that make up the overall drainage area.

Early Settlements
Early in the history of Native American settlements the river was crucial to survival and their way of life. The abundance of natural resources and wildlife sustained both hunter and gatherer settlements as well as agricultural settlements, such as the Mississippian Indian settlement near Cahokia, IL. During the European settlement eras the river and its tributaries served similar needs but also provided crucial transportation and communication links that allowed for westward expansion.

Post Industrial Era
During post-industrial times the river still provided natural resources, a source for drinking water supplies and a major commerce corridor for the transportation of goods. The river supports over 260 species of fish. Likewise, 40% of the nation's migratory waterfowl and 60% of North American migratory birds use the river basin as their migratory flyway.

As a commerce corridor today, major volumes of goods are transported from city to city and city to port along its length. Over 60% of all grain exported from the United States is shipped on the Mississippi.

Today's Issues
Modern development impacts on the river have brought continuing and new challenges for the over 70 million people living in the river basin. New priorities include managing environmental issues, wildlife and natural resources, flood control as well as maintaining the navigability of the river as a commerce route through a series of sophisticated lock and dam structures. These management efforts and flood control measures have helped but with the unpredictability of weather events and the power of the river, flooding continues.

This memorial provides insight and information regarding some of the major floods that have occurred in the City of Alton, especially the Great Flood of 1993.

Enjoy your experience.

GRAPHIC PANEL LAYOUT INTERPRETIVE SIGN A

1
27

ELEVATION

GRAPHIC PANEL LAYOUT INTERPRETIVE SIGN B

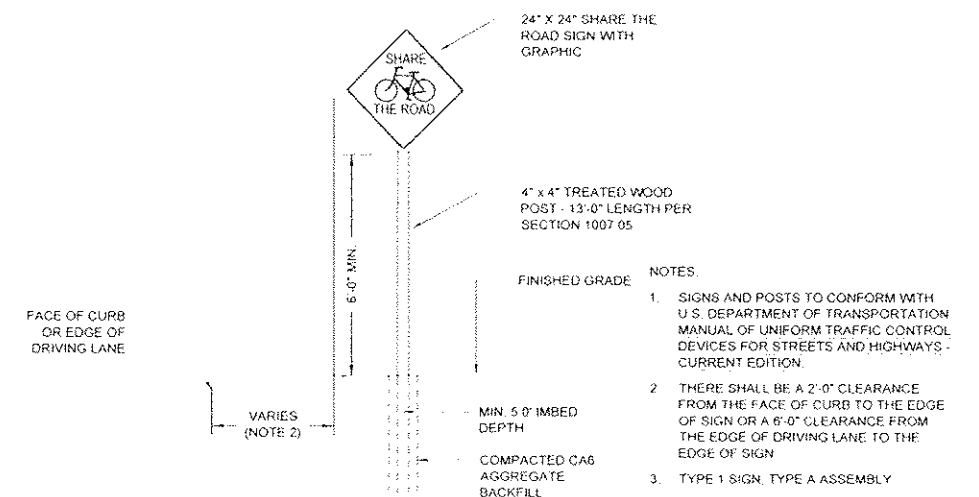
2
27

ELEVATION

GRAPHIC PANEL LAYOUT - INTERPRETIVE SIGN C

3
27

ELEVATION



BICYCLE "SHARE THE ROAD" SIGN

4
27

ELEVATION

NTS

NO	REVISION	DATE	DATE
			01/28/2015

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GGV/ISB

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

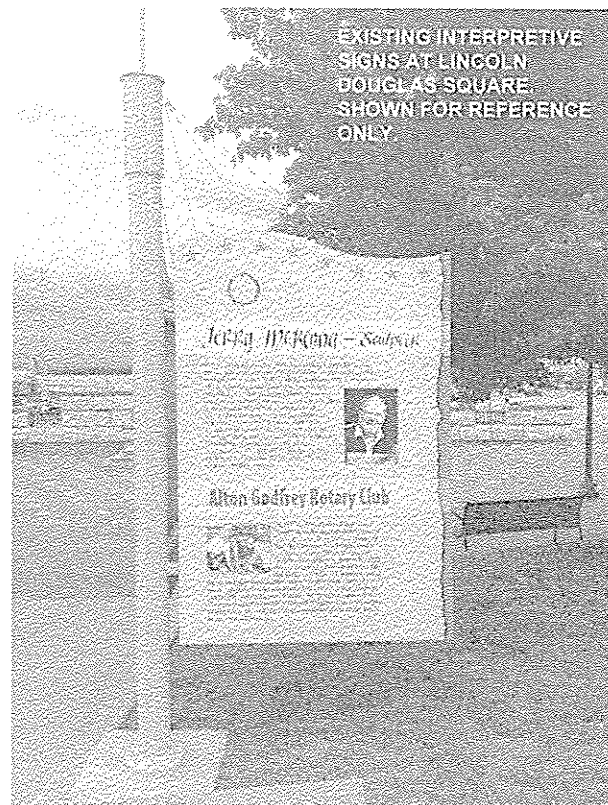
CITY OF ALTON, ILLINOIS

101 EAST 3RD STREET
ALTON, ILLINOIS 62002

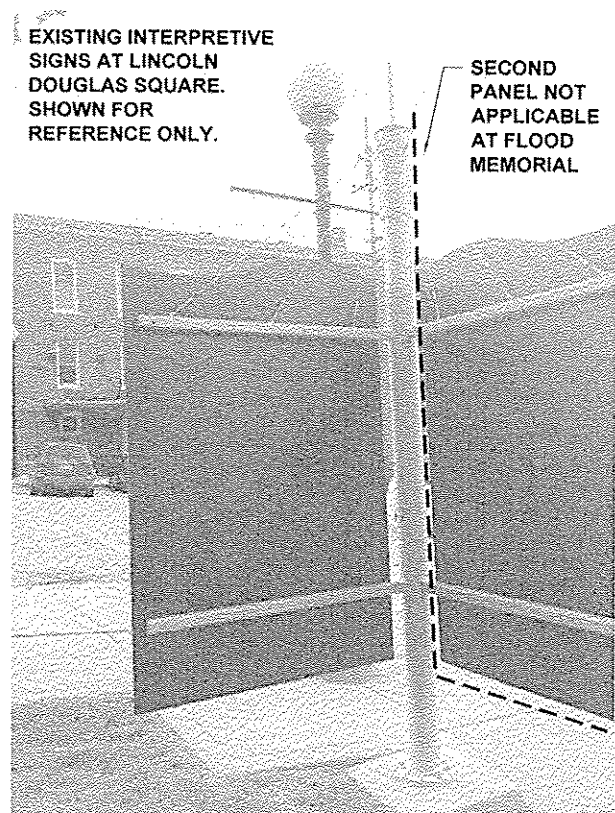
SITE FURNISHING & SIGNAGE - FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00226-00-MS		MADISON	84	27

CONTRACT NO. 97539
PROJ. NO. SBIL-TE-0008(151)
FEDERAL AID PROJECT ILLINOIS

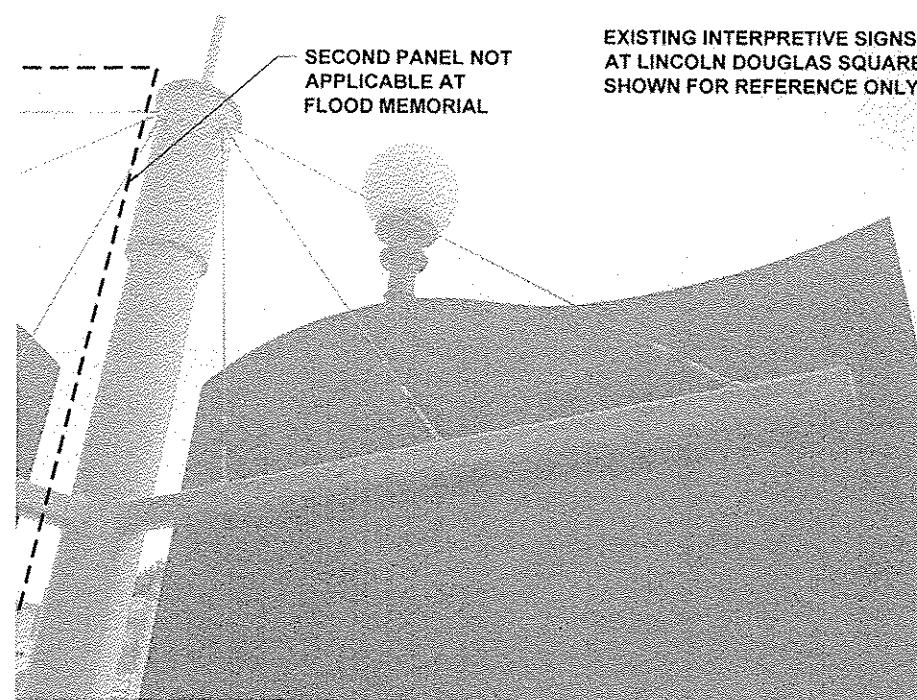


EXISTING INTERPRETIVE SIGNS AT LINCOLN DOUGLAS SQUARE. SHOWN FOR REFERENCE ONLY.



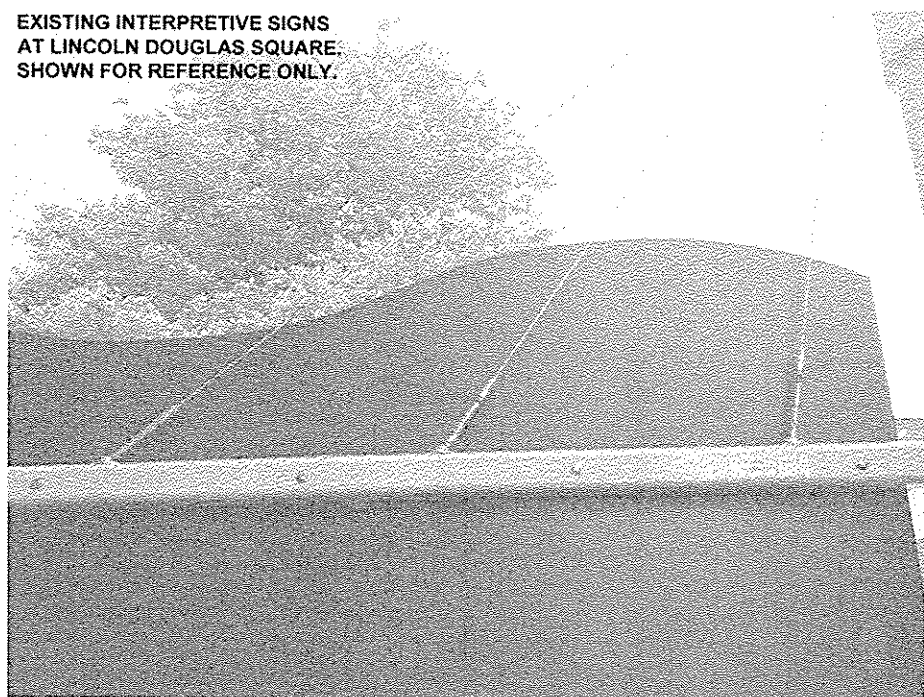
EXISTING INTERPRETIVE SIGNS AT LINCOLN DOUGLAS SQUARE. SHOWN FOR REFERENCE ONLY.

SECOND PANEL NOT APPLICABLE AT FLOOD MEMORIAL

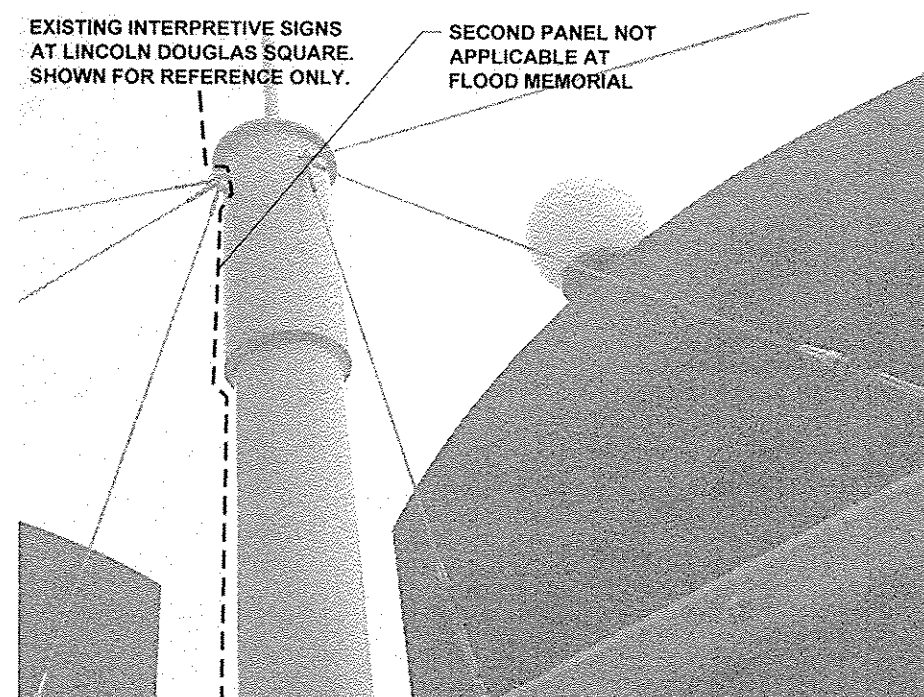


SECOND PANEL NOT APPLICABLE AT FLOOD MEMORIAL

EXISTING INTERPRETIVE SIGNS AT LINCOLN DOUGLAS SQUARE. SHOWN FOR REFERENCE ONLY.

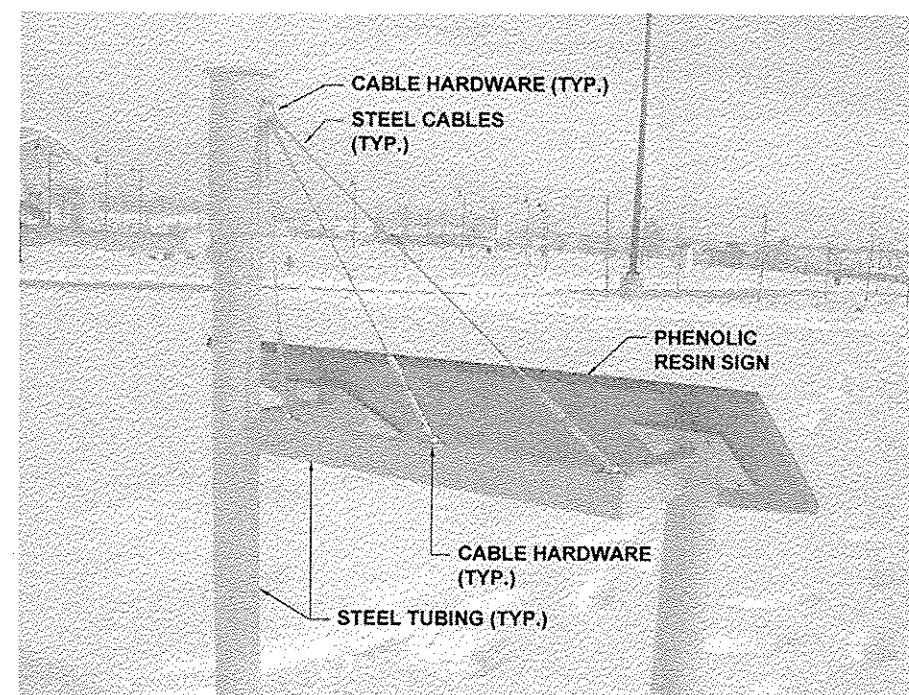


EXISTING INTERPRETIVE SIGNS AT LINCOLN DOUGLAS SQUARE. SHOWN FOR REFERENCE ONLY.



EXISTING INTERPRETIVE SIGNS AT LINCOLN DOUGLAS SQUARE. SHOWN FOR REFERENCE ONLY.

SECOND PANEL NOT APPLICABLE AT FLOOD MEMORIAL



CABLE HARDWARE (TYP.)
STEEL CABLES (TYP.)

PHENOLIC RESIN SIGN

CABLE HARDWARE (TYP.)
STEEL TUBING (TYP.)

NO.	REVISION	DATE	DATE:
			01/28/2015

DRAWN BY:
GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS

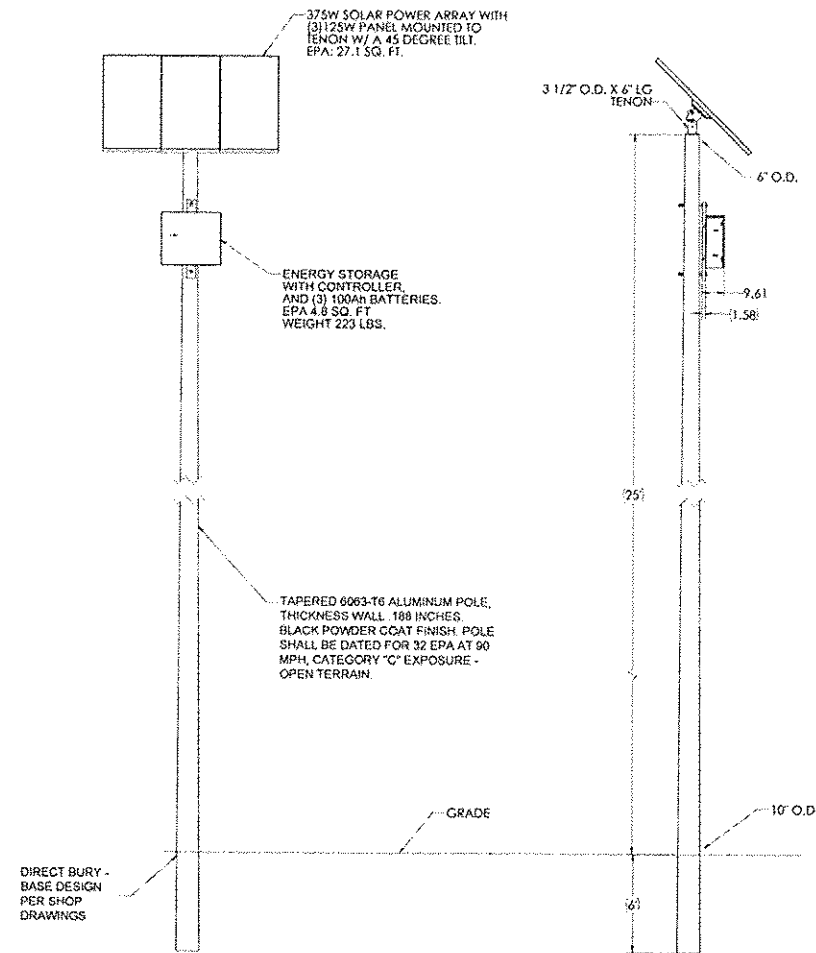
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EXISTING INTERPRETIVE SIGN
EXAMPLE PHOTOS -
FLOOD MEMORIAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FEDERAL AID PROJECT			ILLINOIS	

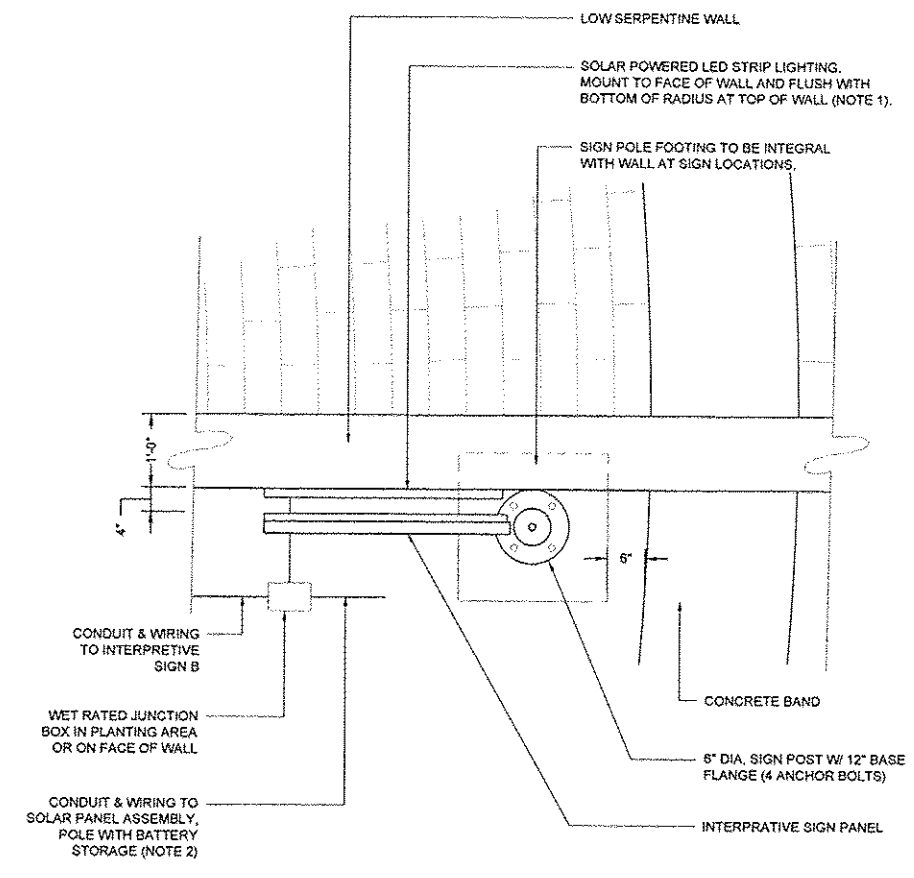
CONTRACT NO. 97539

PROJ. NO. SBIL-TE-0008(151)



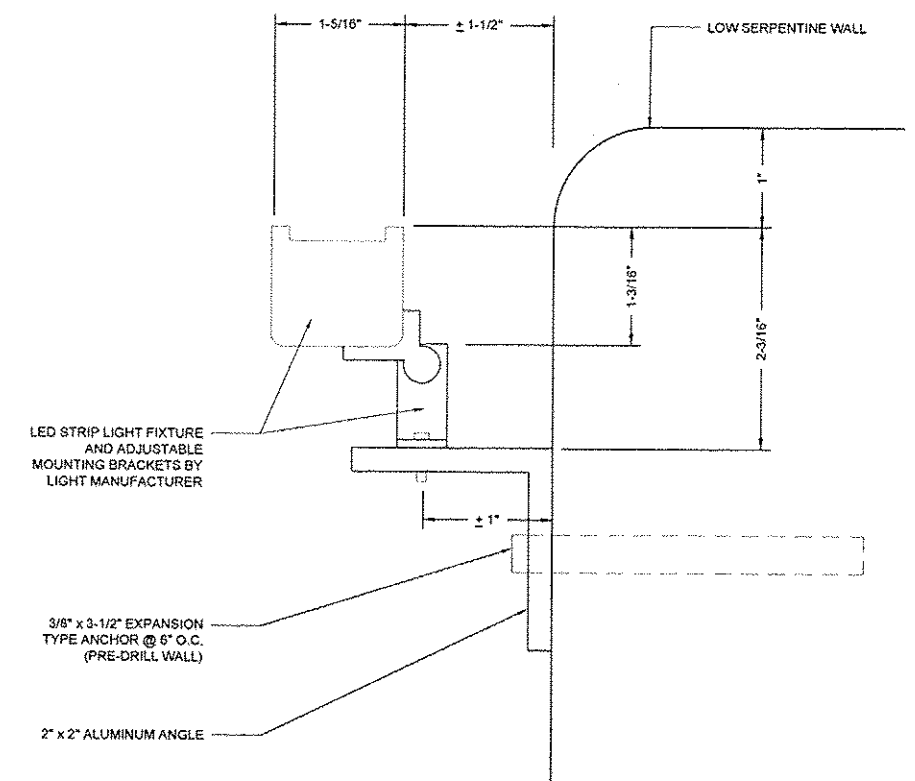
1 SOLAR PANEL & SUPPORT POLE ASSEMBLY
ELEVATION

NTS



2 SOLAR POWERED LED LIGHTING SIGNS A & B
PLAN - SIGN A SHOWN (SIGN B SIMILAR)

NTS



3 LED FIXTURE - ATTACHMENT DETAIL
END VIEW

NTS

NOTES:

1. PROVIDE SHOP DRAWING FOR COMPLETE SOLAR POWERED LED SIGN LIGHTING SYSTEM INCLUDING FIXTURES, ATTACHMENT HARDWARE, SOLAR PANEL POLE ASSEMBLY WITH BATTERY STORAGE, POLE FOUNDATION, CONDUIT WIRING AND CONTROLS AS WELL AS COORDINATION WITH INTERPRETIVE SIGN POLE ASSEMBLY AND FOUNDATION FABRICATION AND SERPENTINE WALL SHOP DRAWING. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
2. REFER TO SPECIAL PROVISIONS AND DETAIL 1, THIS SHEET, FOR DETAILS REGARDING SOLAR PANEL POLE ASSEMBLY W/ BATTERY STORAGE.

NO.	REVISION	DATE	DATE:
			01/28/2015
	DRAWN BY: GGV/SBT		



GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**SOLAR POWERED
LIGHTING DETAILS -
FLOOD MEMORIAL**

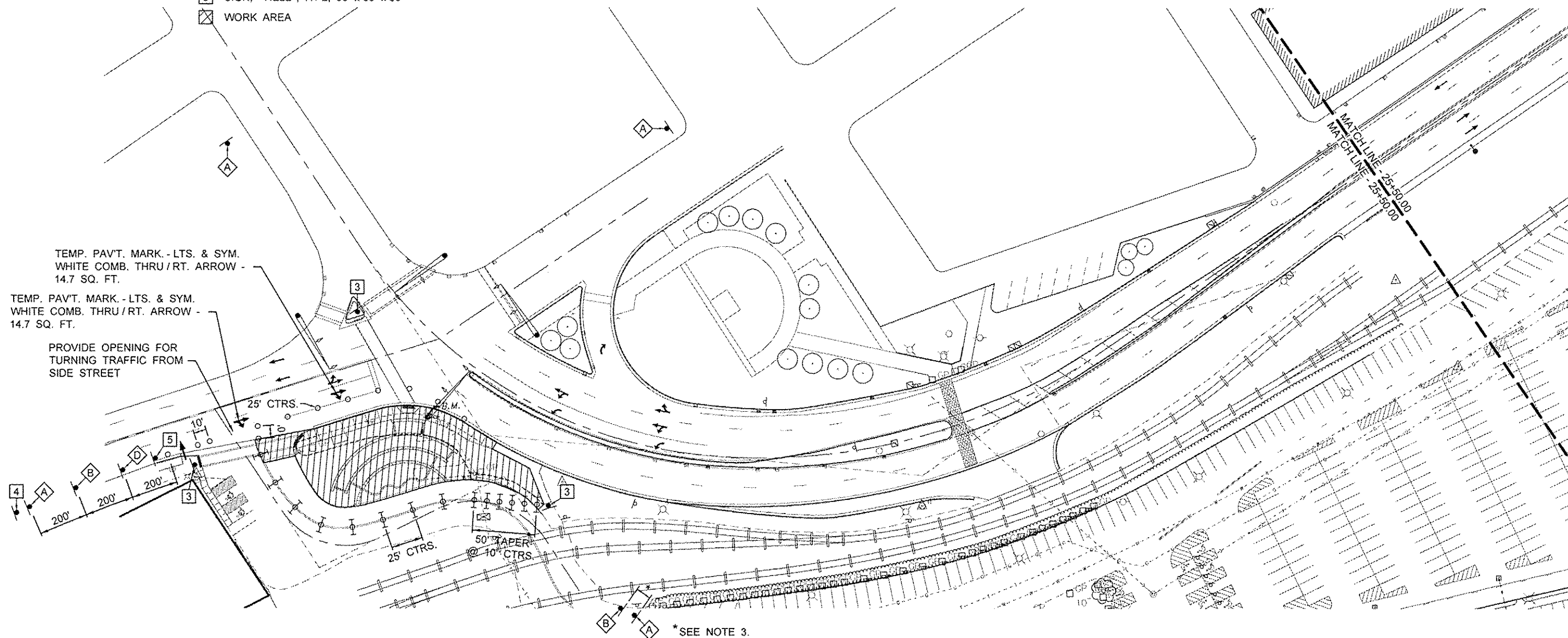
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FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D8(151)
			ILLINOIS	

TRAFFIC CONTROL LEGEND

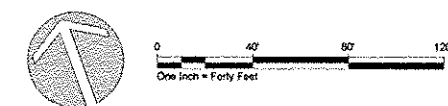
- ⬠ SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
- ⬠ SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
- ⬠ SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
- ⬠ SIGN, "WORKER SYMBOL", W21-1(0)-48 (USE ONLY WHEN WORKERS ARE PRESENT)
- 1 SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
- 2 SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
- 3 SIGN, "SIDEWALK CLOSED", R11-1101-2418
- 4 SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
- 5 SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
- 6 SIGN, "YIELD", R1-2, 36" x 36" x 36"
- ⊠ WORK AREA
- CONE, DRUM OR TYPE II BARRICADE
- ▬ SIGN
- ➔ ARROW BOARD
- ⊕ BARRICADE OR DRUM WITH FLASHING LIGHT
- TYPE III BARRICADE

GENERAL NOTES

1. ALL SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. INSTALLATION AND REMOVAL OF ALL SIGNS, HARDWARE AND POSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
3. THE ENGINEER SHALL DETERMINE THE FINAL LOCATION OF EACH TRAFFIC CONTROL ITEM.



PHASE 1



NO.	REVISION	DATE	DATE:
			01/28/2014
			DRAWN BY:

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION



CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
FLOOD MEMORIAL**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	30
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-00D8(151)		
FEDERAL AID PROJECT		ILLINOIS		

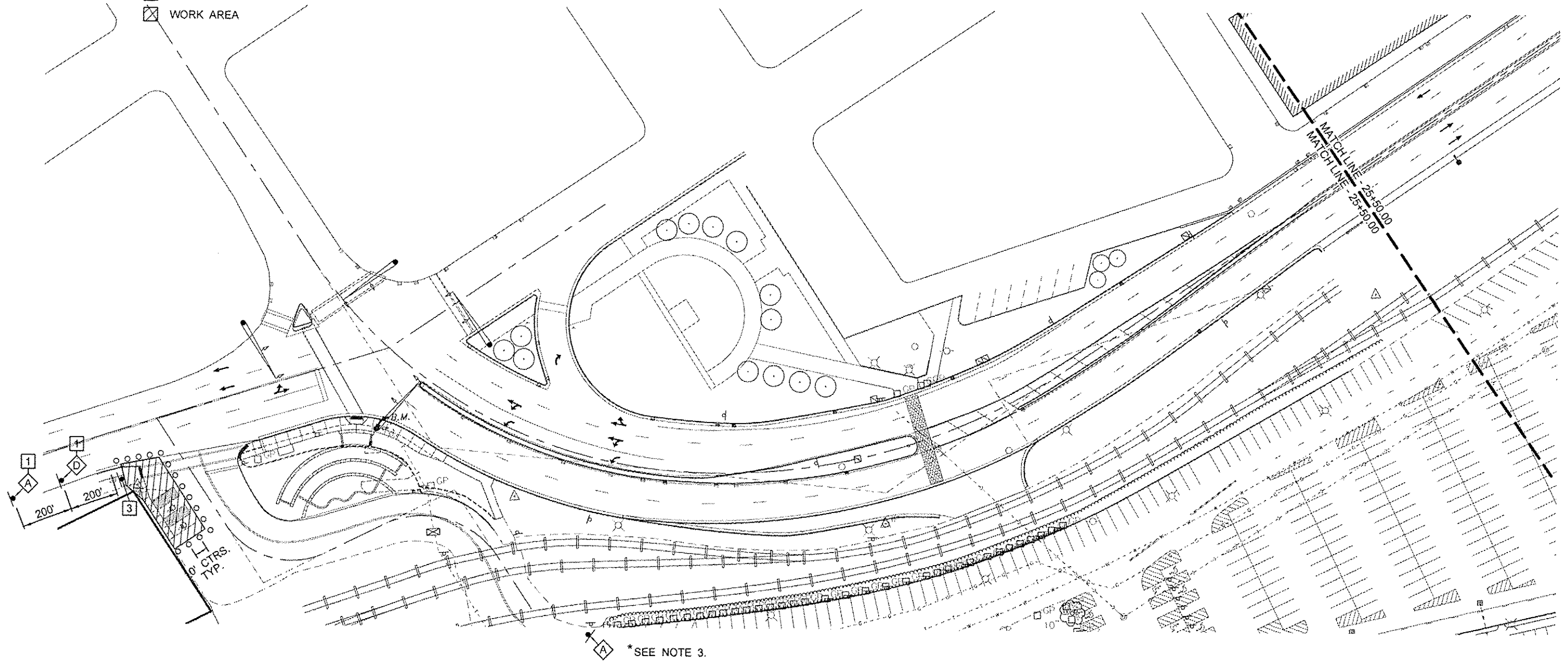
S:\Land Projects\BDS (467963) FLOOD MEMORIAL\dwg\Flood Memorial Traffic Control Ph 1.dwg, 1/22/2015 12:24:10 PM, jiman, 1:1

TRAFFIC CONTROL LEGEND

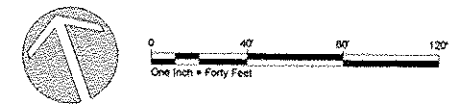
- ⬠ SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
- ⬠ SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
- ⬠ SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
- ⬠ SIGN, "WORKER SYMBOL", W21-1(0)-48 (USE ONLY WHEN WORKERS ARE PRESENT)
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- 2 SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
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- 4 SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
- 5 SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
- 6 SIGN, "YIELD", R1-2, 36" x 36" x 36"
- ⊠ WORK AREA
- CONE, DRUM OR TYPE II BARRICADE
- ⬠ SIGN
- ➔ ARROW BOARD
- ⊕ BARRICADE OR DRUM WITH FLASHING LIGHT
- ⊢ TYPE III BARRICADE

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3. THE ENGINEER SHALL DETERMINE THE FINAL LOCATION OF EACH TRAFFIC CONTROL ITEM.



PHASE 2



NO.	REVISION	DATE	DATE:
			01/28/2014
DRAWN BY:			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
FLOOD MEMORIAL**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	39.1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97539 PROJ. NO. SBIL-TE-0008(151)	

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DEMOLITION AND SITE PREPARATION NOTES

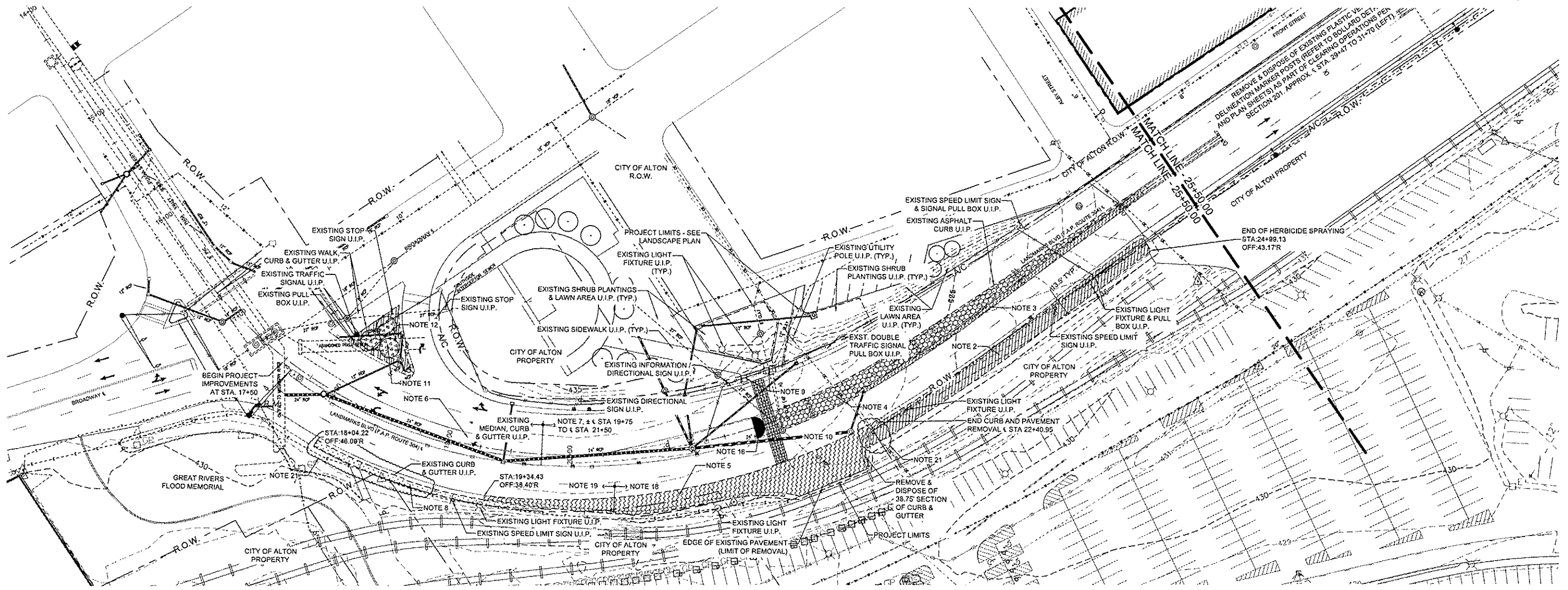
- REFER TO LAYOUT PLAN FOR CENTERLINE STATIONING & OFFSETS FOR LIMITS OF PROPOSED IMPROVEMENTS AND ASSOCIATED DEMOLITION LIMITS SHOWN ON THIS SHEET.
- AREA OF HERBICIDE SPRAYING TO ERADICATE COOL SEASON GRASS. CUT GRASS TO 4" HEIGHT & DISPOSE OF CLIPPINGS. THOROUGHLY INCORPORATE DEAD GRASS INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF GRASSWEEDS (REFER TO LANDSCAPE PLAN).
- EXISTING CONCRETE MEDIAN AND ASSOCIATED CURB & GUTTER U.I.P.
- EXISTING PAVEMENT SLAB AND MEDIAN MARKERS U.I.P.
- REMOVE & DISPOSE OF EXISTING RIGHT TURN LANE PAVEMENT AND CURB & GUTTER BASE TO A 12" DEPTH. REPLACE WITH 12" OF TOPSOIL.
- EXISTING LEFT TURN LANE SIGN - U.I.P.
- EXISTING CURB, GUTTER & CONCRETE MEDIAN AND CURB INLET STRUCTURES U.I.P. - EXCEPT AS DEFINED IN NOTE 16.
- REMOVE & DISPOSE OF EXISTING LAWN & SOIL TO 8" DEPTH FOR PLACEMENT OF LANDSCAPE TOPSOIL ALONG SOUTH SIDE OF ROADWAY.
- EXISTING SIDEWALK BOLLARDS U.I.P. (REFER TO LAYOUT PLANS FOR ORNAMENTAL INFILL FENCE PANELS BETWEEN BOLLARDS). SAW CUT AND REMOVE STAMPED CONCRETE PAVEMENT AND CURB RAMP WITH ASSOCIATED CURB AND GUTTER. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
- REMOVE CROSSWALK PAVEMENT AND PATCH WITH UNREINFORCED CLASS B PATCHING PER SECTION 442. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
- REMOVE & DISPOSE OF EXISTING PLANTINGS AND MULCH IN PLANT BED (REFER TO LANDSCAPE PLAN).
- AREA OF HERBICIDE SPRAYING TO ERADICATE 5' WIDE BAND OF COOL SEASON GRASS. CUT GRASS TO 4" HEIGHT & DISPOSE OF CLIPPINGS. THOROUGHLY INCORPORATE GRASS INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF GRASSWEEDS (REFER TO LANDSCAPE PLAN).
- REMOVE & DISPOSE OF EXISTING LAWN, CRUMBLED ASPHALT, BASE ROCK, & SOIL TO 12" DEPTH FOR PLACEMENT OF LANDSCAPE TOPSOIL (REFER TO LANDSCAPE PLAN).
- REMOVE & DISPOSE OF EXISTING LAWN COVER TO 6" DEPTH. ADD 3" DEPTH OF TOPSOIL & 3" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO THE TOP 12" OF EXISTING SOIL (REFER TO LANDSCAPE PLAN).
- MOW EXISTING GRASS TO 4" HEIGHT & REMOVE CLIPPINGS. SCARIFY EXISTING LAWN AREA TO 6" DEPTH TO LOOSEN SOIL & APPLY HERBICIDE TO ERADICATE COOL SEASON GRASSES. BACKFILL PLANTER AREA WITH TOPSOIL TO WITHIN 6" OF TOP OF PLANTER WALL (48" AVERAGE DEPTH).
- REMOVE EXISTING CONCRETE NOSE AREA OF MEDIAN AND ASSOCIATED SLAB PAVING AND RECONSTRUCT TO 6" BARRIER CURB MEDIAN PER DETAILS.
- AREA OF HERBICIDE SPRAYING TO ERADICATE EXISTING COOL SEASON GRASSES. APPLY 2" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF EXISTING GRASSES/WEEDS (REFER TO LANDSCAPE PLAN).
- REMOVE EXISTING ROADWAY AND CROSSWALK PAVING TO EXISTING DRIVE LANE PAVEMENT JOINT.
- SAW CUT EXISTING PAVEMENT TO TAPER FROM EDGE OF DRIVING LANE PAVEMENT JOINT TO EDGE OF EXISTING CURB AND GUTTER TO REMAIN. REFER TO SHEET 39 DETAILS.
- MISCELLANEOUS ITEMS OF DEMOLITION SHALL BE CLEARED AND DISPOSED OF BY CONTRACTOR. WORK SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTION 201 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- FIELD ADJUST PLANTING AND IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER. FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO LANDSCAPE AND IRRIGATION SHEETS FOR PLANNED LOCATIONS.
- EXISTING UTILITIES SHOWN ON THE DEMOLITION AND SITE PREPARATION SHEETS ONLY (FOR CLARITY). CONTRACTOR IS RESPONSIBLE FOR HAVING UTILITIES MARKED IN THE FIELD PRIOR TO BEGINNING WORK. NOTIFY THE ENGINEER OF ANY UNFORESEEN CONFLICTS BEFORE PROCEEDING WITH CONSTRUCTION ACTIVITIES.

DEMOLITION AND SITE PREPARATION KEY

- REMOVE AND REPLACE WITH PAVEMENT PATCH (NOTE 10)
- AREA OF HERBICIDE SPRAYING (NOTE 2)
- EXISTING CONCRETE RIGHT TURN PAVEMENT TO BE REMOVED FOR PROPOSED IMPROVEMENTS (NOTE 5)
- EXISTING PAVEMENT SLAB (U.I.P.) (NOTE 4)
- REMOVE EXISTING LAWN & SOIL (NOTE 8)
- REMOVE & DISPOSE OF EXISTING PLANTINGS (NOTE 11)

LEGEND

- INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
- EXISTING DRAIN INLET - USE IN PLACE
- EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
- EXISTING UTILITY BOX - USE IN PLACE
- EXISTING MANHOLE - USE IN PLACE
- EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
- EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
- EXISTING STREET LIGHT - USE IN PLACE
- EXISTING POWER / UTILITY POLE - USE IN PLACE
- EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
- EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
- EXISTING STREET LIGHT - USE IN PLACE
- EXISTING GUARDRAIL / FENCE - USE IN PLACE
- EXISTING TREE - USE IN PLACE
- EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY:
			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	31
FEDERAL AID PROJECT		CONTRACT NO. 97539 PROJ. NO. 58IL-TE-0008(151) ILLINOIS		

DEMOLITION AND SITE PREPARATION NOTES

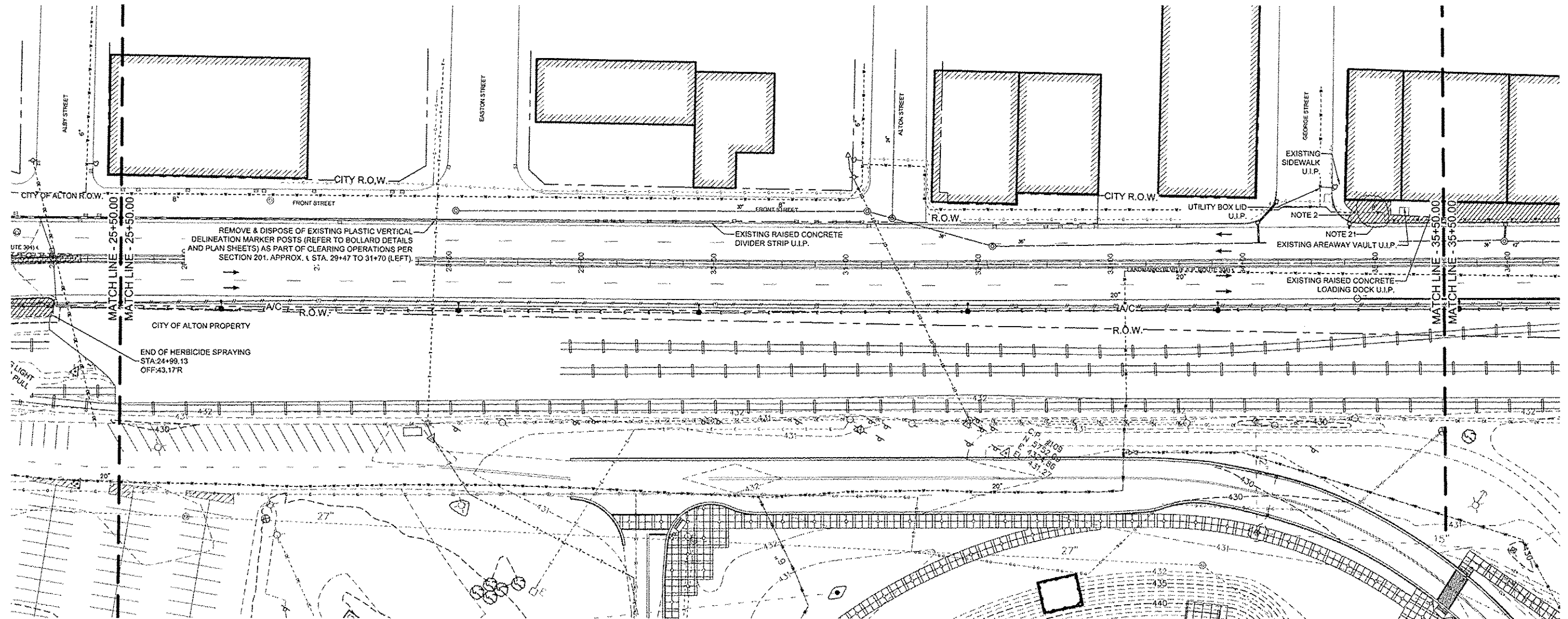
- REFER TO LAYOUT PLAN FOR CENTERLINE STATIONING & OFFSETS FOR LIMITS OF PROPOSED IMPROVEMENTS AND ASSOCIATED DEMOLITION LIMITS SHOWN ON THIS SHEET.
- AREA OF HERBICIDE SPRAYING TO ERADICATE COOL SEASON GRASS. CUT GRASS TO 4" HEIGHT & DISPOSE OF CLIPPINGS. THOROUGHLY INCORPORATE DEAD GRASS INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF GRASSWEEDS (REFER TO LANDSCAPE PLAN).
- EXISTING CONCRETE MEDIAN AND ASSOCIATED CURB & GUTTER U.I.P.
- EXISTING PAVEMENT SLAB AND MEDIAN MARKERS U.I.P.
- REMOVE & DISPOSE OF EXISTING RIGHT TURN LANE PAVEMENT AND CURB & GUTTER BASE TO A 12" DEPTH. REPLACE WITH 12" OF TOPSOIL.
- EXISTING LEFT TURN LANE SIGN - U.I.P.
- EXISTING CURB, GUTTER & CONCRETE MEDIAN AND CURB INLET STRUCTURES U.I.P. - EXCEPT AS DEFINED IN NOTE 16.
- REMOVE & DISPOSE OF EXISTING LAWN & SOIL TO 9" DEPTH FOR PLACEMENT OF LANDSCAPE TOPSOIL ALONG SOUTH SIDE OF ROADWAY.
- EXISTING SIDEWALK BOLLARDS (REFER TO LAYOUT PLANS FOR ORNAMENTAL INFILL FENCE PANELS BETWEEN BOLLARDS). SAW CUT AND REMOVE STAMPED CONCRETE PAVEMENT AND CURB RAMP WITH ASSOCIATED CURB AND GUTTER. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
- REMOVE CROSSWALK PAVEMENT AND PATCH WITH UNREINFORCED CLASS B PATCHING PER SECTION 442. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
- REMOVE & DISPOSE OF EXISTING PLANTINGS AND MULCH IN PLANT BED (REFER TO LANDSCAPE PLAN).
- AREA OF HERBICIDE SPRAYING TO ERADICATE 5' WIDE BAND OF COOL SEASON GRASS. CUT GRASS TO 4" HEIGHT & DISPOSE OF CLIPPINGS. THOROUGHLY INCORPORATE GRASS INTO TOP 8" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF GRASSWEEDS (REFER TO LANDSCAPE PLAN).
- REMOVE & DISPOSE OF EXISTING LAWN, CRUMBLD ASPHALT, BASE ROCK, & SOIL TO 12" DEPTH FOR PLACEMENT OF LANDSCAPE TOPSOIL (REFER TO LANDSCAPE PLAN).
- REMOVE & DISPOSE OF EXISTING LAWN COVER TO 6" DEPTH. ADD 3" DEPTH OF TOPSOIL & 3" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO THE TOP 12" OF EXISTING SOIL (REFER TO LANDSCAPE PLAN).
- MOW EXISTING GRASS TO 4" HEIGHT & REMOVE CLIPPINGS. SCARIFY EXISTING LAWN AREA TO 6" DEPTH TO LOOSEN SOIL & APPLY HERBICIDE TO ERADICATE COOL SEASON GRASSES. BACKFILL PLANTER AREA WITH TOPSOIL TO WITHIN 6" OF TOP OF PLANTER WALL (40% AVERAGE DEPTH).
- REMOVE EXISTING CONCRETE NOSE AREA OF MEDIAN AND ASSOCIATED SLAB PAVING AND RECONSTRUCT TO 6" BARRIER CURB MEDIAN PER DETAILS.
- AREA OF HERBICIDE SPRAYING TO ERADICATE EXISTING COOL SEASON GRASSES. APPLY 2" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF EXISTING GRASSES/WEEDS (REFER TO LANDSCAPE PLAN).
- REMOVE EXISTING ROADWAY AND CROSSWALK PAVING TO EXISTING DRIVE LANE PAVEMENT JOINT.
- SAW CUT EXISTING PAVEMENT TO TAPER FROM EDGE OF DRIVING LANE PAVEMENT JOINT TO EDGE OF EXISTING CURB AND GUTTER TO REMAIN. REFER TO SHEET 39 DETAILS.
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- FIELD ADJUST PLANTING AND IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO LANDSCAPE AND IRRIGATION SHEETS FOR PLANNED LOCATIONS.
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DEMOLITION AND SITE PREPARATION KEY

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- REMOVE & DISPOSE OF EXISTING PLANTINGS (NOTE 11)
- AREA OF HERBICIDE SPRAYING (NOTE 12)
- REMOVE & DISPOSE OF EXISTING LAWN, CRUMBLD ASPHALT, ETC. (NOTE 13)
- REMOVE & DISPOSE OF EXISTING LAWN (NOTE 14)
- MOW GRASS, SCARIFY EXISTING LAWN AREA (NOTE 15)
- AREA OF HERBICIDE TREATMENT (NOTE 17)

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
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 - EXISTING DRAIN INLET - USE IN PLACE
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 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL / FENCE - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	32
CONTRACT NO. 97539				
PROJ. NO. SBIL-TE-00D8(151)				
ILLINOIS				

DEMOLITION AND SITE PREPARATION NOTES

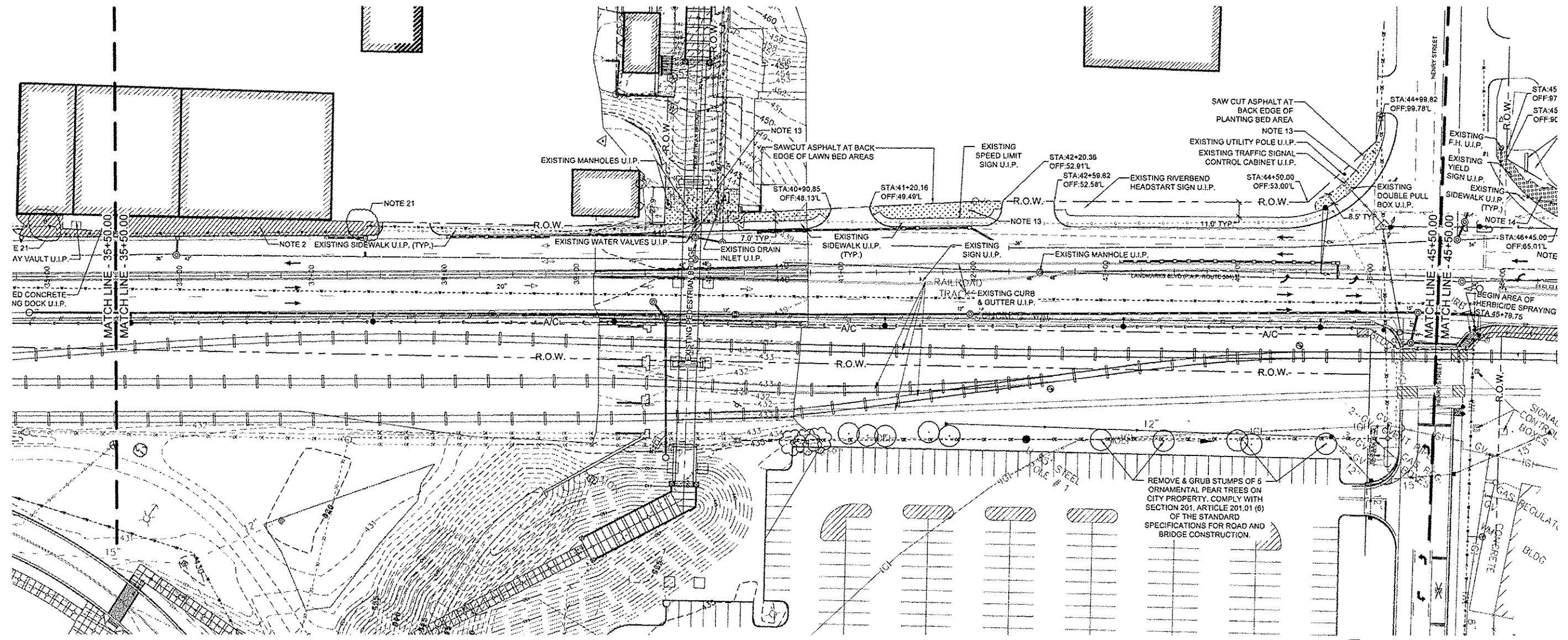
- REFER TO LAYOUT PLAN FOR CENTERLINE STATIONING & OFFSETS FOR LIMITS OF PROPOSED IMPROVEMENTS AND ASSOCIATED DEMOLITION LIMITS SHOWN ON THIS SHEET.
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- EXISTING PAVEMENT SLAB AND MEDIAN MARKERS U.I.P.
- REMOVE & DISPOSE OF EXISTING RIGHT TURN LANE PAVEMENT AND CURB & GUTTER BASE TO A 12" DEPTH. REPLACE WITH 12" OF TOPSOIL.
- EXISTING LEFT TURN LANE SIGN - U.I.P.
- EXISTING CURB, GUTTER & CONCRETE MEDIAN AND CURB INLET STRUCTURES U.I.P. - EXCEPT AS DEFINED IN NOTE 16.
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- REMOVE CROSSWALK PAVEMENT AND PATCH WITH UNREINFORCED CLASS B PATCHING PER SECTION 442. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
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- REMOVE EXISTING CONCRETE NOSE AREA OF MEDIAN AND ASSOCIATED SLAB PAVING AND RECONSTRUCT TO 8" BARRIER CURB MEDIAN PER DETAILS.
- AREA OF HERBICIDE SPRAYING TO ERADICATE EXISTING COOL SEASON GRASSES. APPLY 2" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF EXISTING GRASSES/WEEDS (REFER TO LANDSCAPE PLAN).
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DEMOLITION AND SITE PREPARATION KEY

- REMOVE AND REPLACE WITH PAVEMENT PATCH (NOTE 10)
- AREA OF HERBICIDE SPRAYING (NOTE 2)
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- REMOVE & DISPOSE OF EXISTING PLANTINGS (NOTE 11)
- AREA OF HERBICIDE SPRAYING (NOTE 12)
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- MOW GRASS, SCARIFY EXISTING LAWN AREA (NOTE 15)
- AREA OF HERBICIDE TREATMENT (NOTE 17)

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
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- EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
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- EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
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- EXISTING STREET LIGHT - USE IN PLACE
- EXISTING POWER / UTILITY POLE - USE IN PLACE
- EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
- EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
- EXISTING STREET LIGHT - USE IN PLACE
- EXISTING GUARDRAIL / FENCE - USE IN PLACE
- EXISTING TREE - USE IN PLACE
- EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY:
			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00220-01-LS	MADISON	84	33	33
CONTRACT NO. 97539				
PROJ. NO. SBIL-TE-00D8(151)				
ILLINOIS				

DEMOLITION AND SITE PREPARATION NOTES

- REFER TO LAYOUT PLAN FOR CENTERLINE STATIONING & OFFSETS FOR LIMITS OF PROPOSED IMPROVEMENTS AND ASSOCIATED DEMOLITION LIMITS SHOWN ON THIS SHEET.
- AREA OF HERBICIDE SPRAYING TO ERADICATE COOL SEASON GRASS. CUT GRASS TO 4" HEIGHT & DISPOSE OF CLIPPINGS. THOROUGHLY INCORPORATE DEAD GRASS INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF GRASSWEEDS (REFER TO LANDSCAPE PLAN).
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- REMOVE & DISPOSE OF EXISTING RIGHT TURN LANE PAVEMENT AND CURB & GUTTER BASE TO A 12" DEPTH. REPLACE WITH 12" OF TOPSOIL.
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- REMOVE EXISTING CONCRETE NOSE AREA OF MEDIAN AND ASSOCIATED SLAB PAVING AND RECONSTRUCT TO 6" BARRIER CURB MEDIAN PER DETAILS.
- AREA OF HERBICIDE SPRAYING TO ERADICATE EXISTING COOL SEASON GRASSES. APPLY 2" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF EXISTING GRASSESWEEDS (REFER TO LANDSCAPE PLAN).
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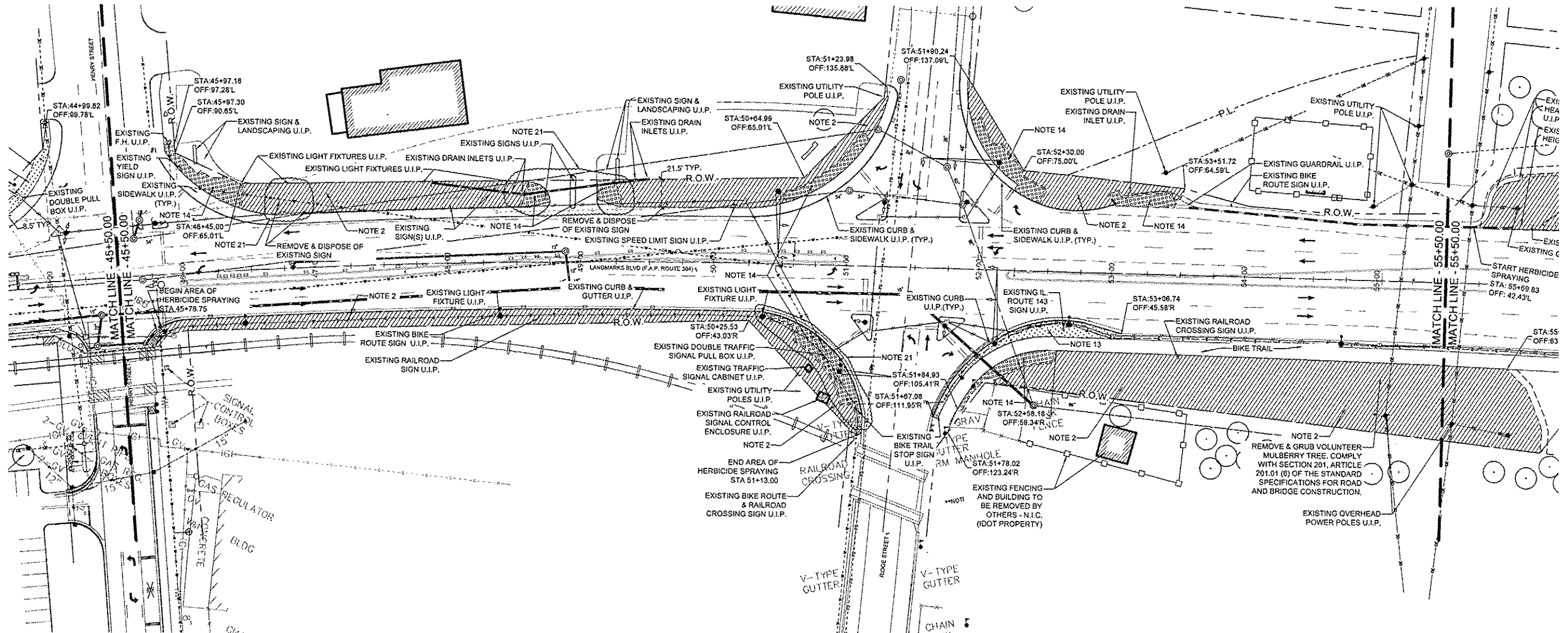
DEMOLITION AND SITE PREPARATION KEY

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NO.	REVISION	DATE	DATE:
			01/20/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
191 EAST 3RD STREET
ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	34
FEDERAL AID PROJECT				CONTRACT NO. 97539 PROJ. NO. SBIL-TE-00D8(151) ILLINOIS

DEMOLITION AND SITE PREPARATION NOTES

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- REMOVE & DISPOSE OF EXISTING LAWN & SOIL TO 9" DEPTH FOR PLACEMENT OF LANDSCAPE TOPSOIL ALONG SOUTH SIDE OF ROADWAY.
- EXISTING SIDEWALK BOLLARDS U.I.P. (REFER TO LAYOUT PLANS FOR ORNAMENTAL INFILL FENCE PANELS BETWEEN BOLLARDS). SAW CUT AND REMOVE STAMPED CONCRETE PAVEMENT AND CURB RAMP WITH ASSOCIATED CURB AND GUTTER. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
- REMOVE CROSSWALK PAVEMENT AND PATCH WITH UNREINFORCED CLASS B PATCHING PER SECTION 442. REFER TO SHEET 38 FOR ADDITIONAL INFORMATION.
- REMOVE & DISPOSE OF EXISTING PLANTINGS AND MULCH IN PLANT BED (REFER TO LANDSCAPE PLAN).
- AREA OF HERBICIDE SPRAYING TO ERADICATE 5' WIDE BAND OF COOL SEASON GRASS. CUT GRASS TO 4" HEIGHT & DISPOSE OF CLIPPINGS. THOROUGHLY INCORPORATE GRASS INTO TOP 8" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF GRASSWEEDS (REFER TO LANDSCAPE PLAN).
- REMOVE & DISPOSE OF EXISTING LAWN, CRUMBLED ASPHALT, BASE ROCK, & SOIL TO 12" DEPTH FOR PLACEMENT OF LANDSCAPE TOPSOIL (REFER TO LANDSCAPE PLAN).
- REMOVE & DISPOSE OF EXISTING LAWN COVER TO 8" DEPTH. ADD 3" DEPTH OF TOPSOIL & 3" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO THE TOP 12" OF EXISTING SOIL (REFER TO LANDSCAPE PLAN).
- MOW EXISTING GRASS TO 4" HEIGHT & REMOVE CLIPPINGS. SCARIFY EXISTING LAWN AREA TO 8" DEPTH TO LOOSEN SOIL & APPLY HERBICIDE TO ERADICATE COOL SEASON GRASSES. BACKFILL PLANTER AREA WITH TOPSOIL TO WITHIN 6" OF TOP OF PLANTER WALL (48" AVERAGE DEPTH).
- REMOVE EXISTING CONCRETE NOSE AREA OF MEDIAN AND ASSOCIATED SLAB PAVING AND RECONSTRUCT TO 6" BARRIER CURB MEDIAN PER DETAILS.
- AREA OF HERBICIDE SPRAYING TO ERADICATE EXISTING COOL SEASON GRASSES. APPLY 2" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO TOP 8" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF EXISTING GRASSES/WEEDS (REFER TO LANDSCAPE PLAN).
- REMOVE EXISTING ROADWAY AND CROSSWALK PAVING TO EXISTING DRIVE LANE PAVEMENT JOINT.
- SAW CUT EXISTING PAVEMENT TO TAPER FROM EDGE OF DRIVING LANE PAVEMENT JOINT TO EDGE OF EXISTING CURB AND GUTTER TO REMAIN. REFER TO SHEET 39 DETAILS.
- MISCELLANEOUS ITEMS OF DEMOLITION SHALL BE CLEARED AND DISPOSED OF BY CONTRACTOR. WORK SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTION 201 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- FIELD ADJUST PLANTING AND IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO LANDSCAPE AND IRRIGATION SHEETS FOR PLANNED LOCATIONS.
- EXISTING UTILITIES SHOWN ON THE DEMOLITION AND SITE PREPARATION SHEETS ONLY (FOR CLARITY). CONTRACTOR IS RESPONSIBLE FOR HAVING UTILITIES MARKED IN THE FIELD PRIOR TO BEGINNING WORK. NOTIFY THE ENGINEER OF ANY UNFORESEEN CONFLICTS BEFORE PROCEEDING WITH CONSTRUCTION ACTIVITIES.

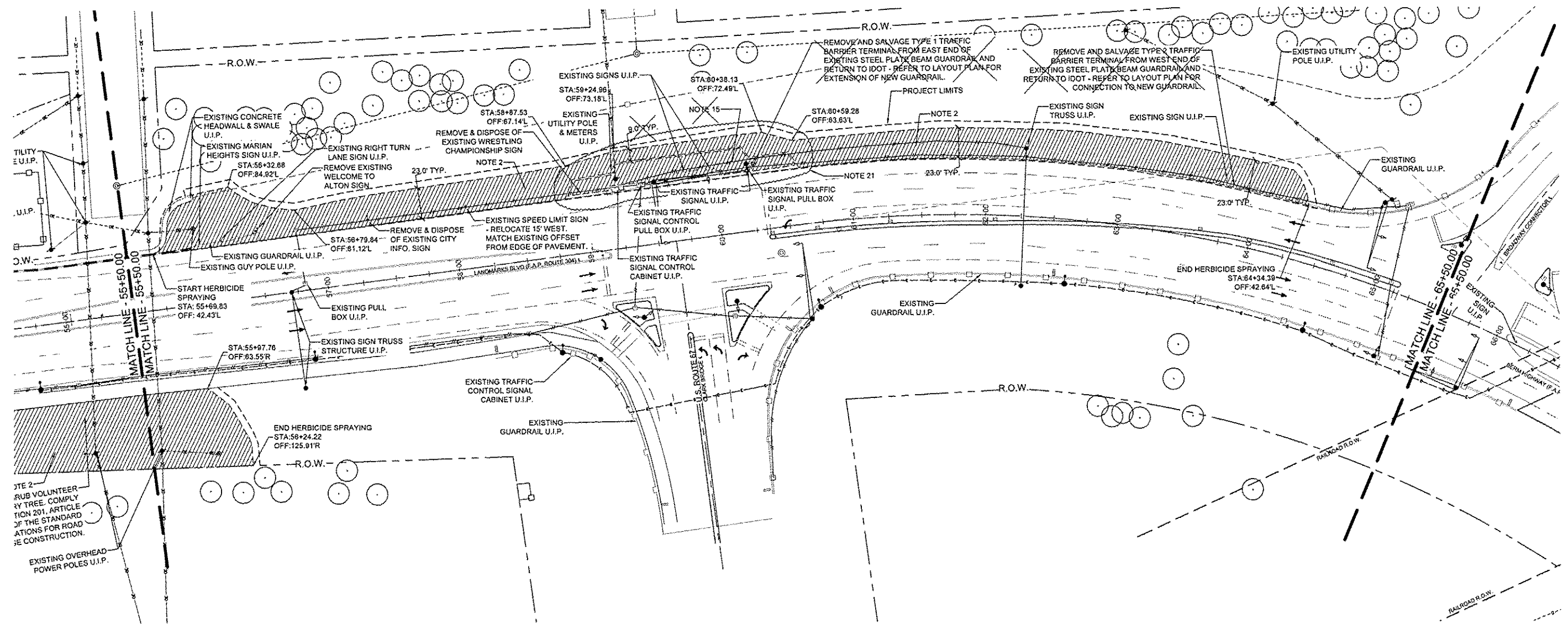
DEMOLITION AND SITE PREPARATION KEY

- REMOVE AND REPLACE WITH PAVEMENT PATCH (NOTE 10)
- AREA OF HERBICIDE SPRAYING (NOTE 2)
- EXISTING CONCRETE RIGHT TURN PAVEMENT TO BE REMOVED FOR PROPOSED IMPROVEMENTS (NOTE 5)
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LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
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 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



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NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	35
FEDERAL AID PROJECT			ILLINOIS	

CONTRACT NO. 97539
PROJ. NO. SBIL-TE-00D9(151)

DEMOLITION AND SITE PREPARATION NOTES

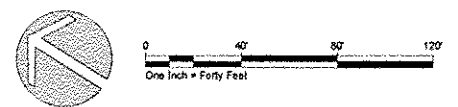
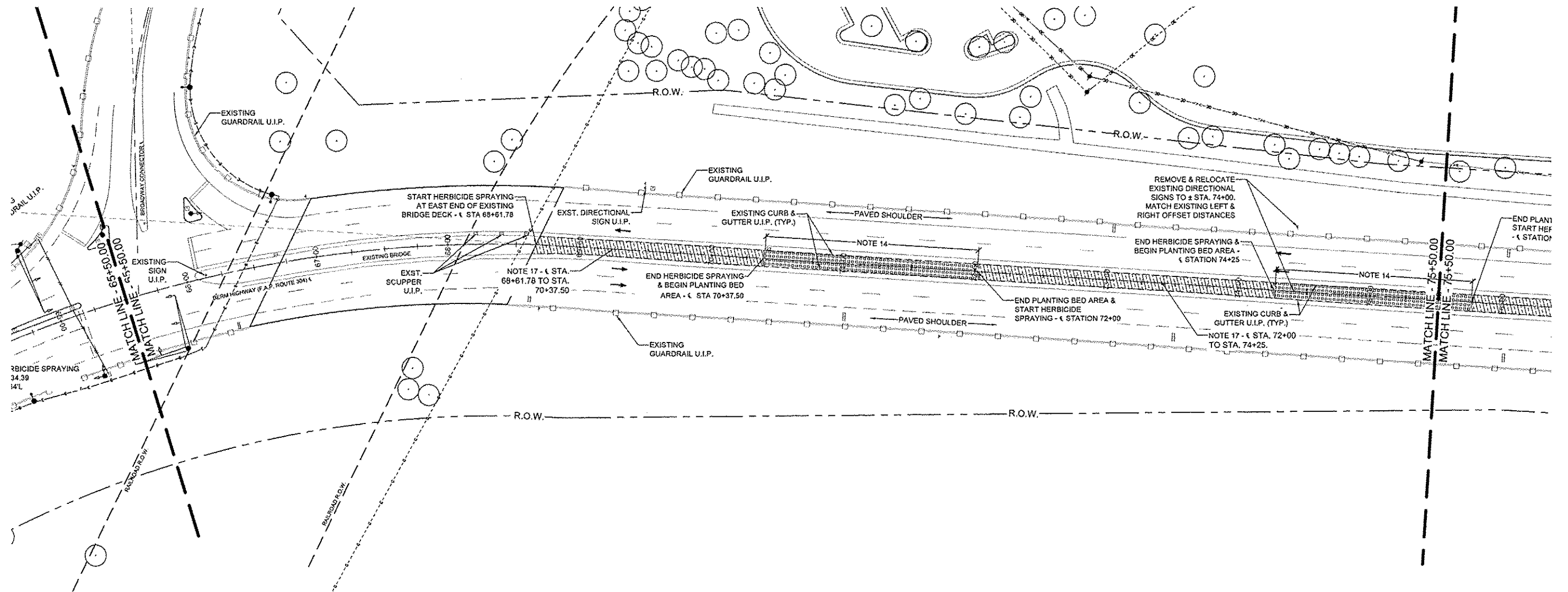
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- EXISTING PAVEMENT SLAB AND MEDIAN MARKERS U.I.P.
- REMOVE & DISPOSE OF EXISTING RIGHT TURN LANE PAVEMENT AND CURB & GUTTER BASE TO A 12" DEPTH. REPLACE WITH 12" OF TOPSOIL.
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- REMOVE EXISTING CONCRETE NOSE AREA OF MEDIAN AND ASSOCIATED SLAB PAVING AND RECONSTRUCT TO 6" BARRIER CURB MEDIAN PER DETAILS.
- AREA OF HERBICIDE SPRAYING TO ERADICATE EXISTING COOL SEASON GRASSES. APPLY 2" DEPTH OF COMPOST & THOROUGHLY INCORPORATE INTO TOP 6" OF SOIL. REAPPLY HERBICIDE TO ANY REGROWTH OF EXISTING GRASSES/WEEDS (REFER TO LANDSCAPE PLAN).
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LEGEND

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NO.	REVISION	DATE	DATE:
			01/29/2015
			DRAWN BY:
			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	36
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-0008(151)		
		ILLINOIS		

DEMOLITION AND SITE PREPARATION NOTES

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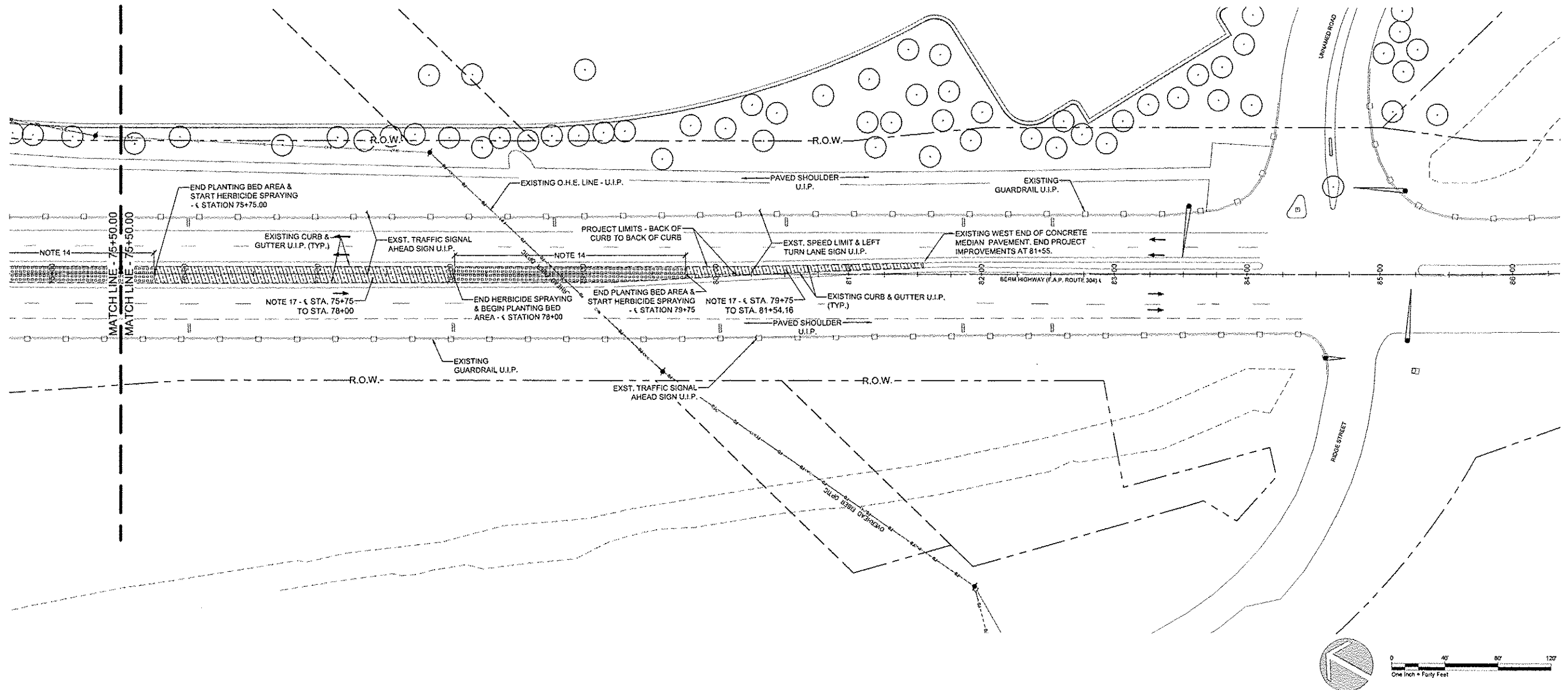
DEMOLITION AND SITE PREPARATION KEY

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LEGEND

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 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
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 - EXISTING GUARDRAIL - USE IN PLACE
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 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



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			01/28/2015
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			GGV/SBT

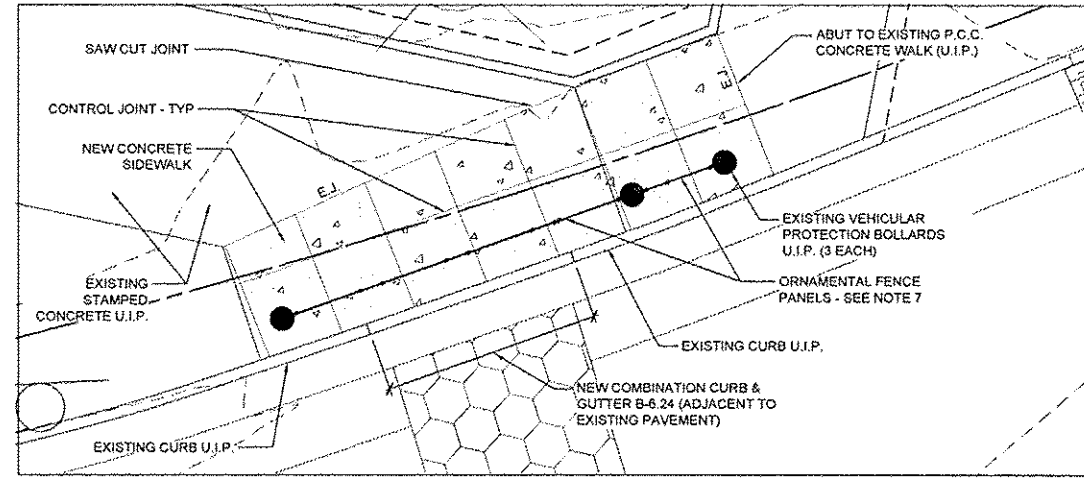
GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

DEMOLITION AND SITE PREPARATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	37
FEDERAL AID PROJECT		ILLINOIS		

CONTRACT NO. 07539
PROJ. NO. 8BIL-TE-0008(151)



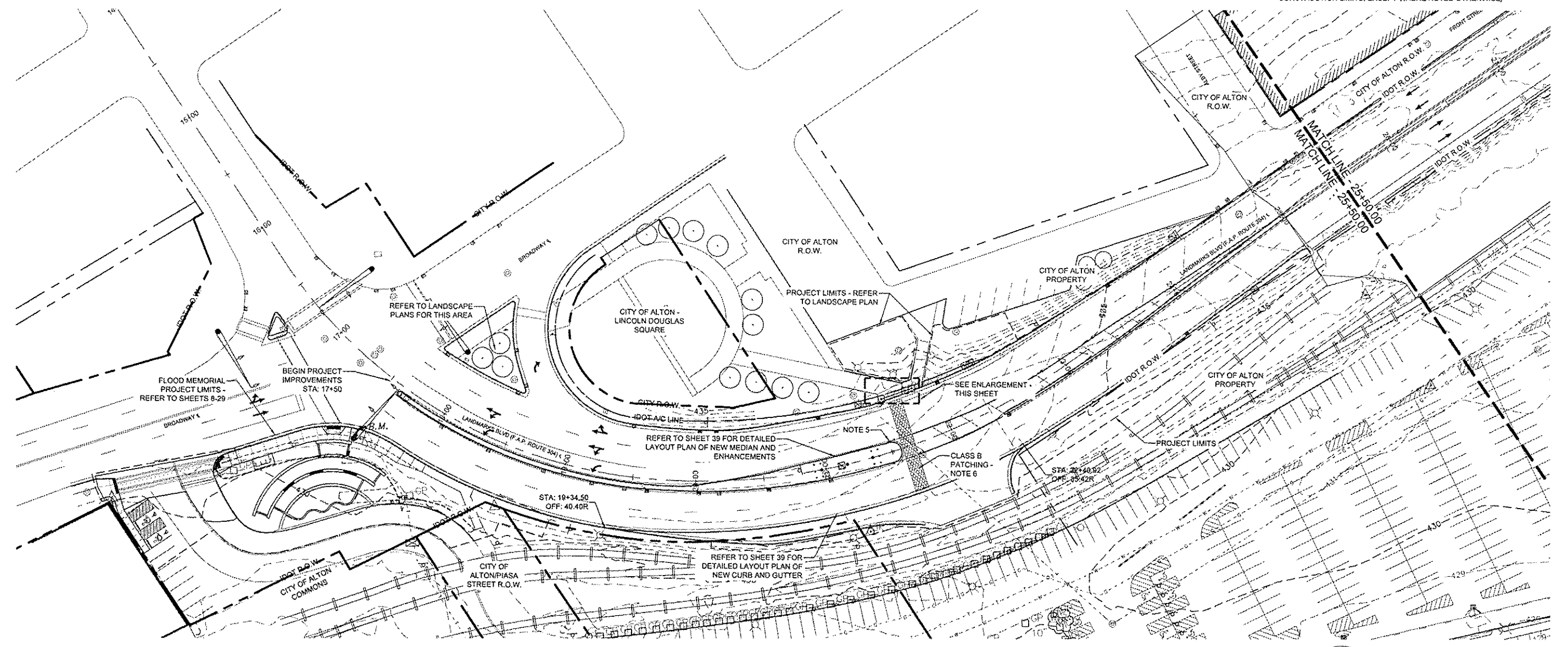
ENLARGEMENT PLAN - ORNAMENTAL FENCE, WROUGHT IRON, SPECIAL

LAYOUT NOTES

- EXISTING IMPROVEMENTS TO REMAIN AND BE USED IN PLACE UNLESS OTHERWISE NOTED. ANY DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS TO BE RESTORED TO THE REQUIREMENTS OF IDOT AND/OR THE CITY OF ALTON AT CONTRACTOR'S EXPENSE.
- UNLESS OTHERWISE NOTED, ALL IMPROVEMENTS INCLUDING THOSE NOTED TO BE FIELD LOCATED SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. CITY STAFF TO MARK/ARRANGE PLANTINGS IN PLANTING BEDS AND PLANTS NOT LOCATED BY STATIONS AND OFFSETS.
- CONTRACTOR TO NOTIFY THE ENGINEER AND CITY IMMEDIATELY IF EXISTING CONDITIONS OR UNANTICIPATED CONDITIONS DIFFER FROM INFORMATION SHOWN ON DRAWINGS.
- DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- REPLACE EXISTING CONCRETE MEDIAN NOSE AREA WITH NEW CONCRETE MEDIAN AREA WITH INTEGRAL 6" HEIGHT BARRIER CURB PROFILE.
- NEW PAVEMENT TO MATCH EXISTING PAVEMENT SECTION - FIELD VERIFY, USE DOWEL BARS TO PIN TO SURROUNDING PAVEMENT. EXPANSION JOINTS NOT REQUIRED. SAW CUT JOINTS TO ALIGN WITH ADJACENT PAVEMENT AS NEEDED.
- INSTALL ORNAMENTAL FENCE PANELS BETWEEN EXISTING VEHICULAR PROTECTION BOLLARDS. REFER TO DETAIL 4 SHEET 39.

LEGEND

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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

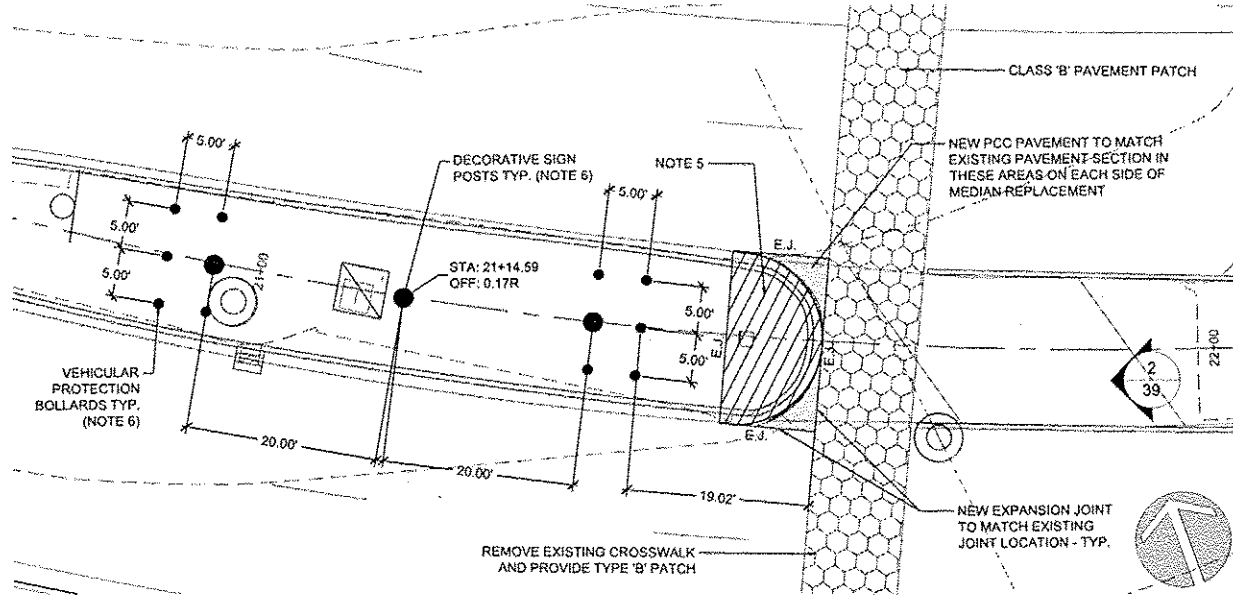
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT PLAN -
BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	38
CONTRACT NO. 97539				
PROJ. NO. SBIL-TE-0008(151)				
FEDERAL AID PROJECT			ILLINOIS	

LAYOUT NOTES

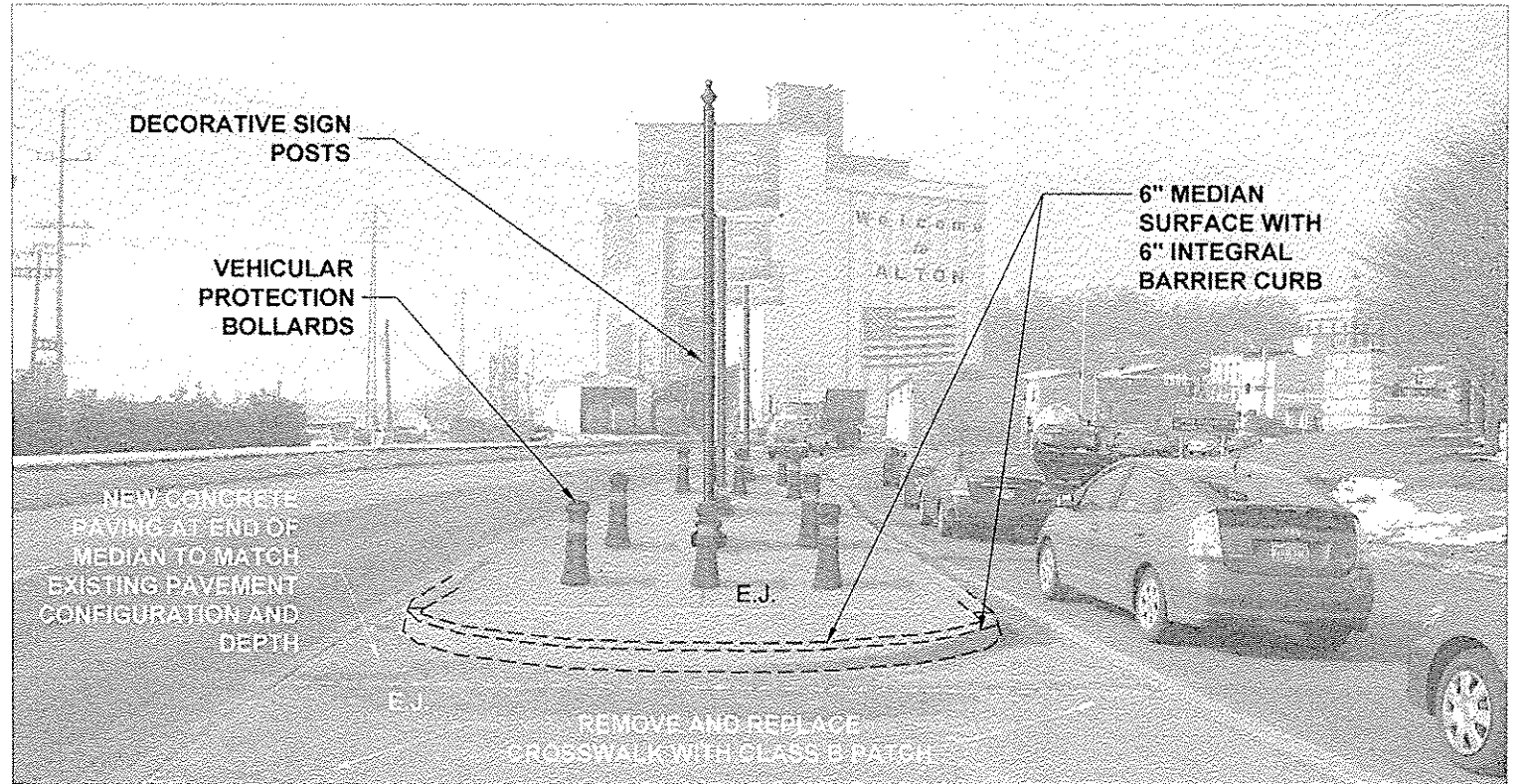
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- REPLACE EXISTING CONCRETE MEDIAN NOSE AREA WITH NEW CONCRETE MEDIAN AREA WITH INTEGRAL 6" HEIGHT BARRIER CURB PROFILE.
- REFER TO SHEET 75 FOR DECORATIVE SIGN POST AND VEHICULAR PROTECTION BOLLARD DETAILS.
- CONTRACTOR SHALL FIELD VERIFY EXISTING MEDIAN MEASUREMENTS AND LOCATE DECORATIVE SIGN POSTS AND VEHICULAR PROTECTION BOLLARDS IN RELATION TO VERIFIED CENTERLINE OF MEDIAN.
- CURB AND GUTTER TO BE TYPE B-8.24 FROM IDOT STANDARD 608001.



1 MEDIAN LAYOUT PLAN - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS

39 PLAN

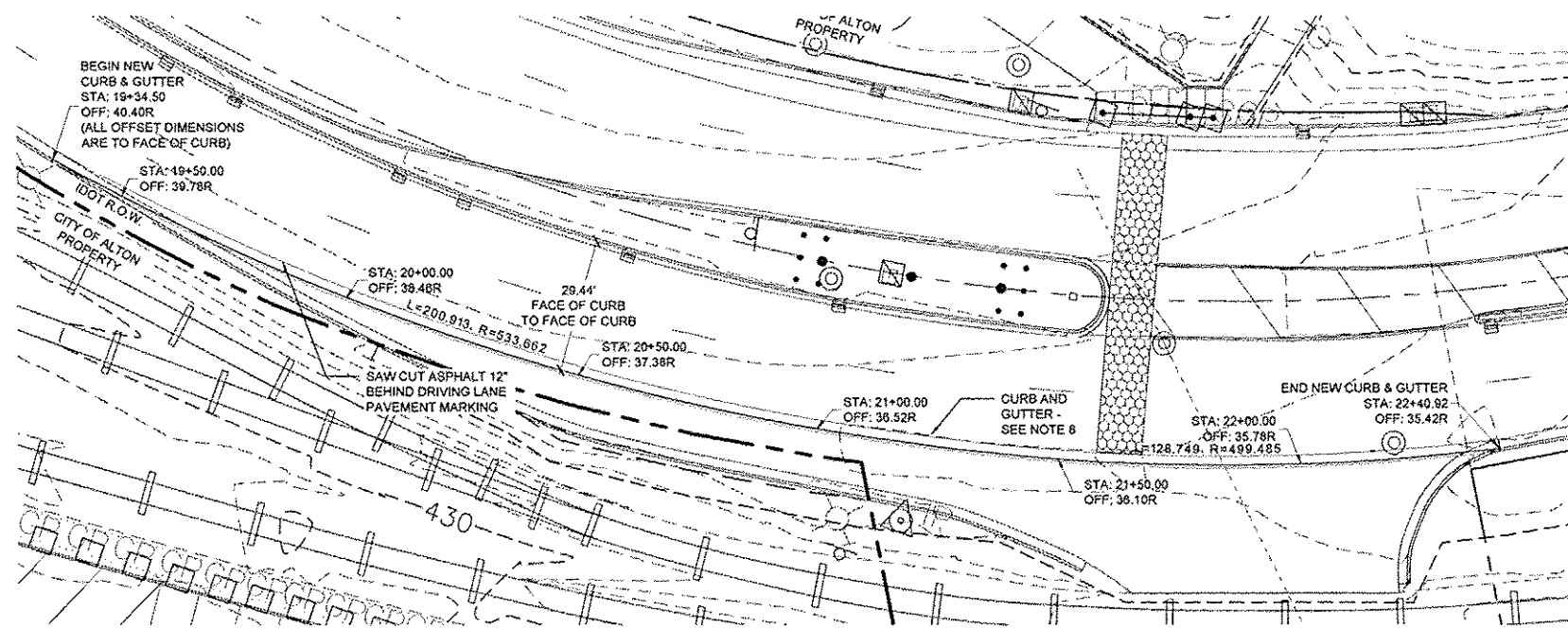
1"=10'-0"



2 MEDIAN LAYOUT PROPOSED IMPROVEMENTS - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS

39 IMAGE

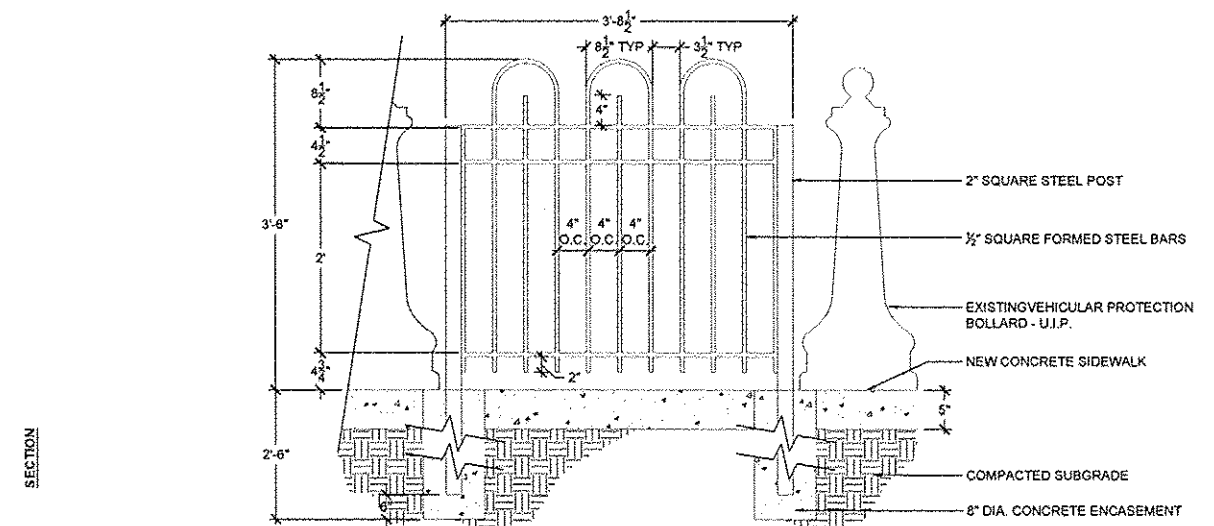
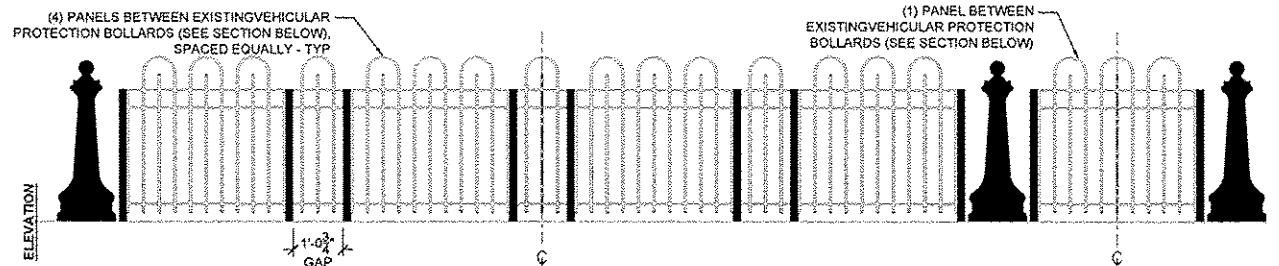
NTS



3 NEW CURB & GUTTER AREA ENLARGEMENT

39 PLAN (NOTE: STATION AND OFFSETS SHOWN ARE TO FACE OF CURB)

1"=20'-0"



4 ORNAMENTAL FENCE, WROUGHT IRON, SPECIAL

39 ELEVATION / SECTION

NTS

NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT ENLARGEMENT PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00228-01-1.S	MADISON	84	39
FEDERAL AID PROJECT			ILLINOIS	

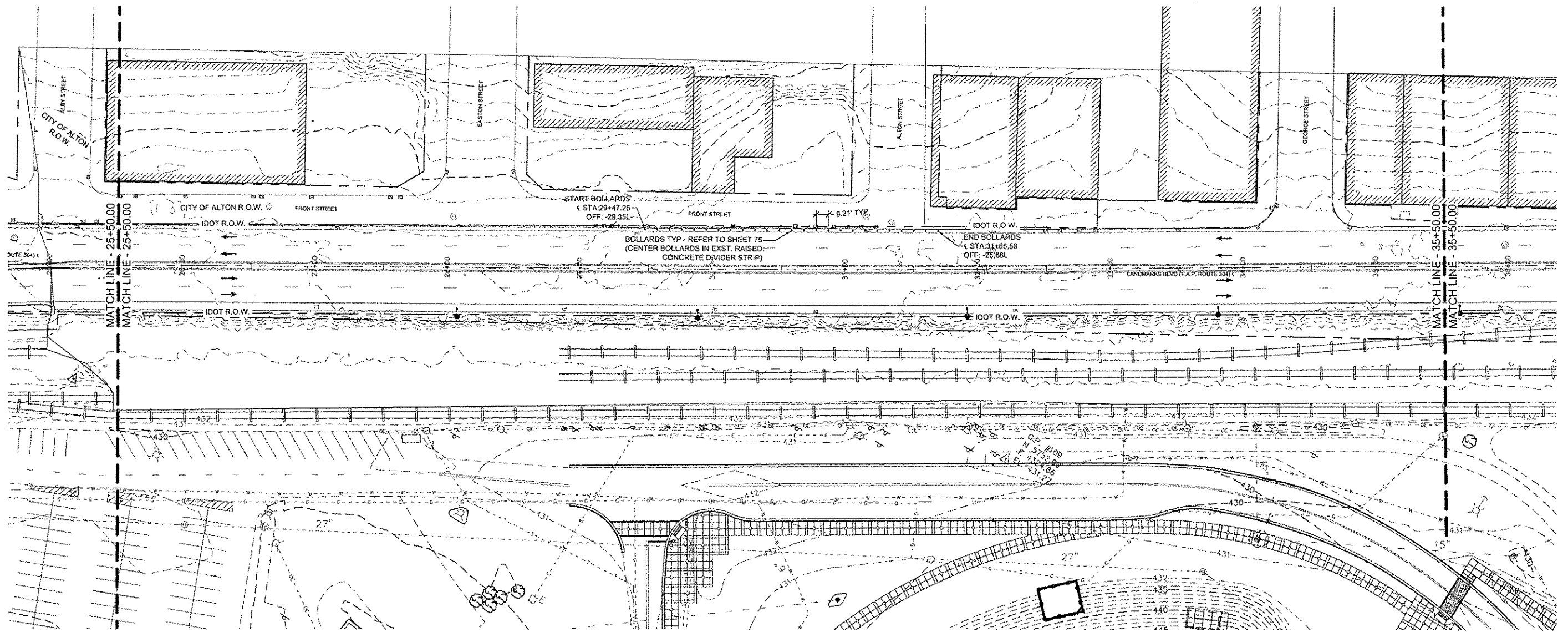
CONTRACT NO. 97539
PROJ. NO. SBIL-TE-0008(151)

LAYOUT NOTES

- EXISTING IMPROVEMENTS TO REMAIN AND BE USED IN PLACE UNLESS OTHERWISE NOTED. ANY DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS TO BE RESTORED TO THE REQUIREMENTS OF IDOT AND/OR THE CITY OF ALTON AT CONTRACTOR'S EXPENSE.
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- DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - ⊠ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - |— EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ▭ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊗ EXISTING STREET LIGHT - USE IN PLACE
 - |— EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - - - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS

101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LAYOUT PLAN -
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	40
FEDERAL AID PROJECT			ILLINOIS	

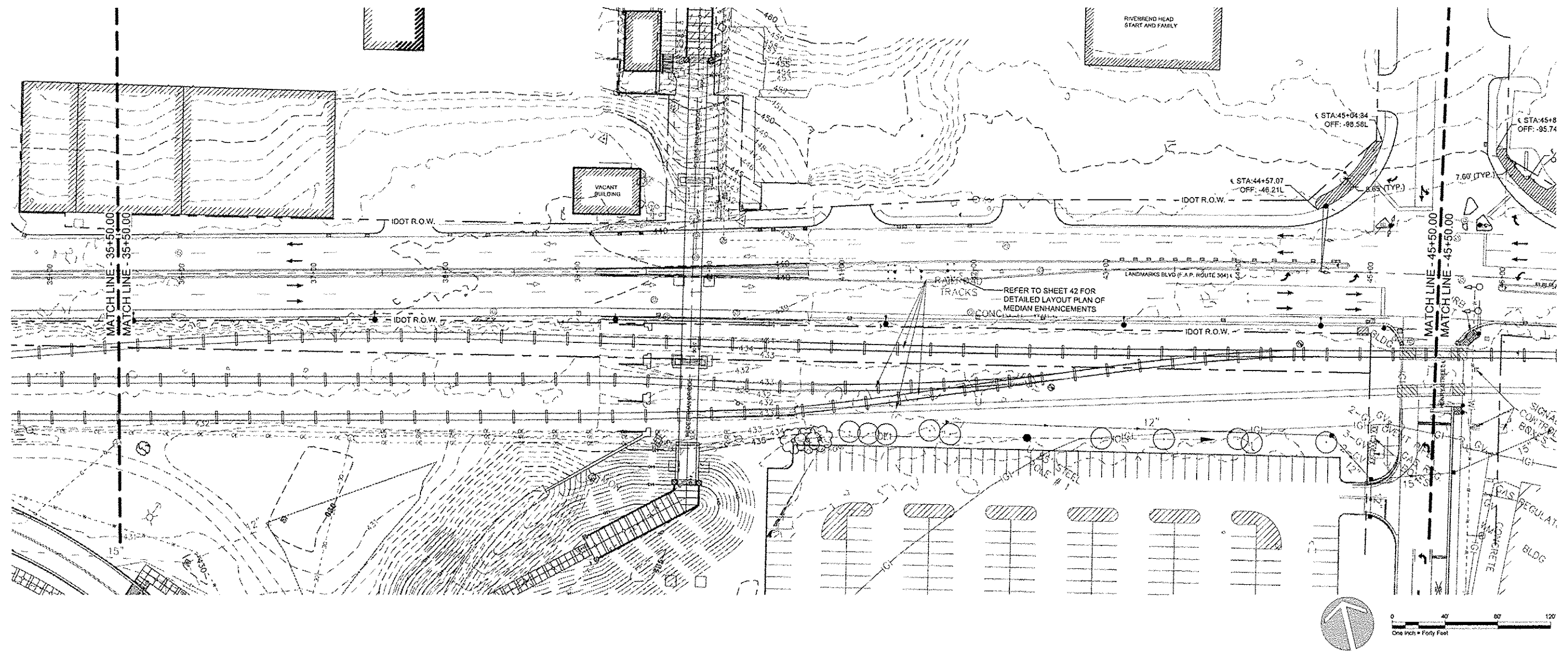
CONTRACT NO. 97539
PROJ. NO. SBIL-TE-00D8(151)

LAYOUT NOTES

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 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
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 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - — — EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - PLANTING AREA - REFER TO DEMOLITION AND LANDSCAPE SHEETS



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

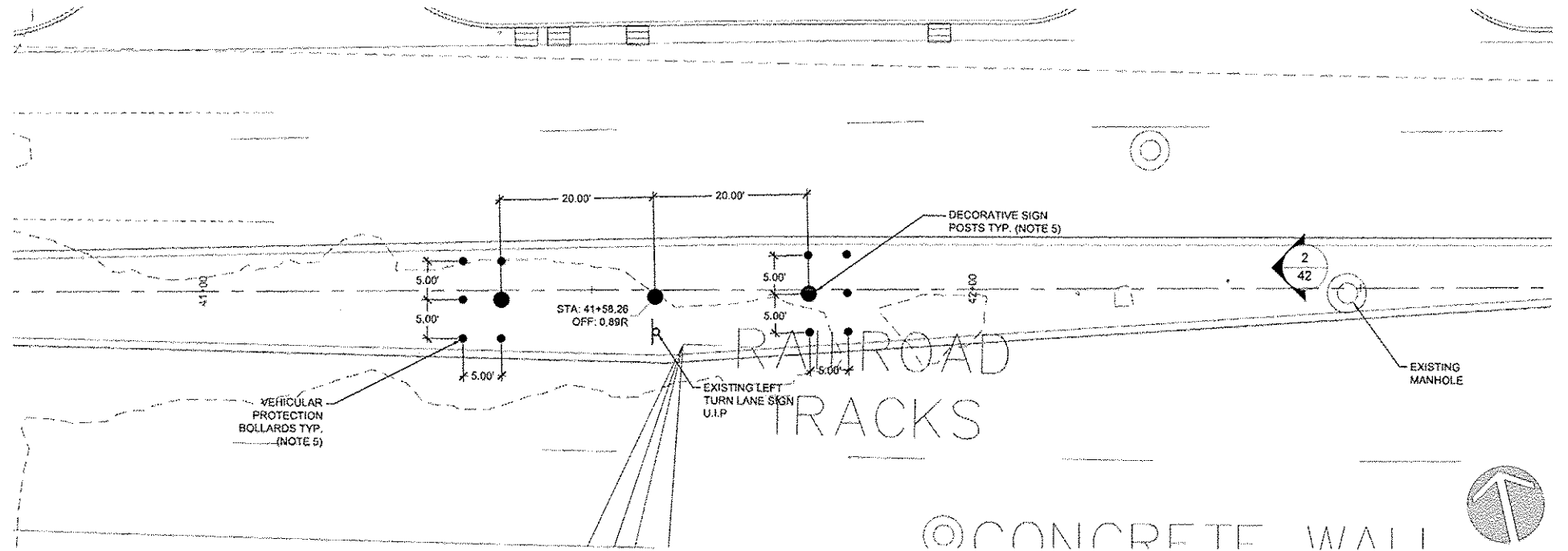
CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

LAYOUT PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00229-01-LS		MADISON	84	41
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D8(151)
			ILLINOIS	

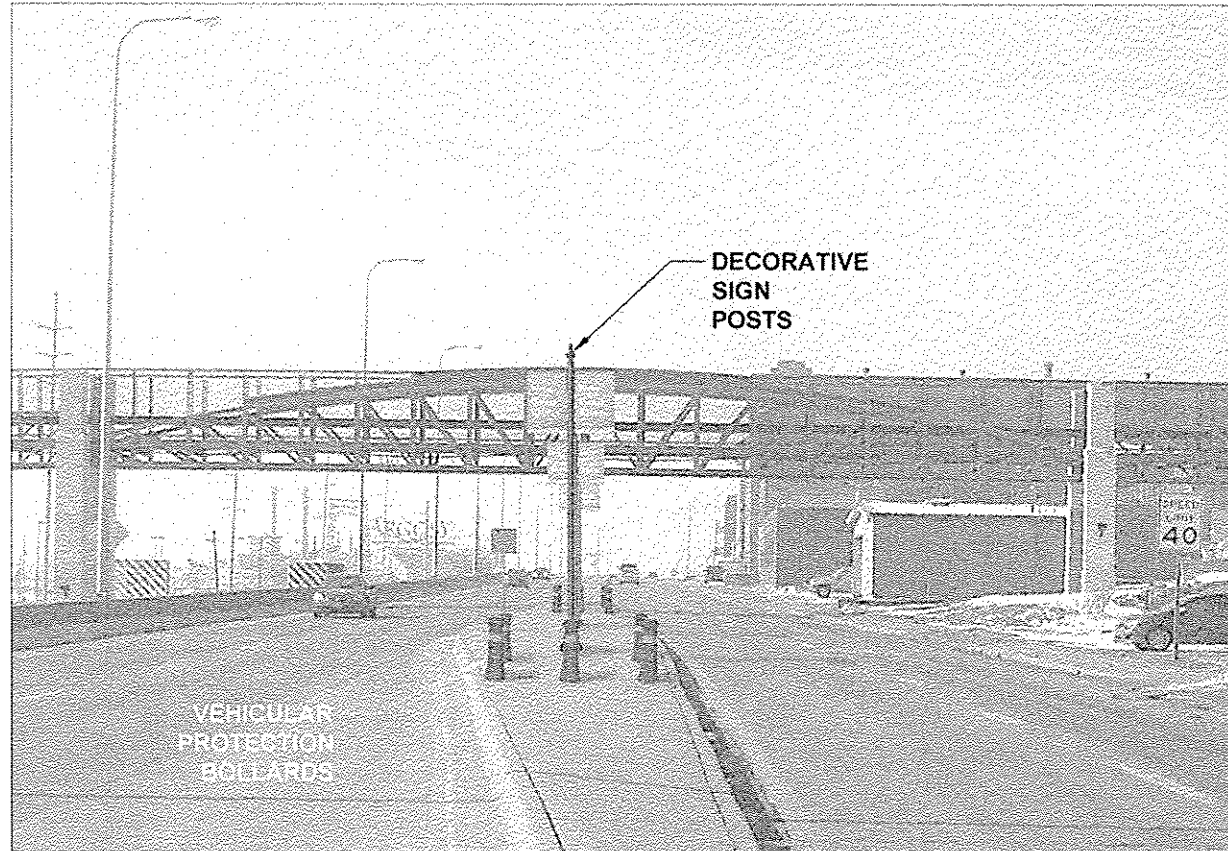
LAYOUT NOTES

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5. REFER TO SHEET 75 FOR DECORATIVE SIGN POST AND VEHICULAR PROTECTION BOLLARD DETAILS.
6. CONTRACTOR SHALL FIELD VERIFY EXISTING MEDIAN MEASUREMENTS AND LOCATE DECORATIVE SIGN POSTS AND VEHICULAR PROTECTION BOLLARDS IN RELATION TO VERIFIED CENTERLINE OF MEDIAN.



1
42
MEDIAN LAYOUT PLAN - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS
PLAN

1"=10'-0"



2
42
MEDIAN LAYOUT PROPOSED IMPROVEMENTS - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS
IMAGE

NTS

NO.	REVISION	DATE	DATE:
			01/28/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT ENLARGEMENT PLAN - BRIDGE WEST

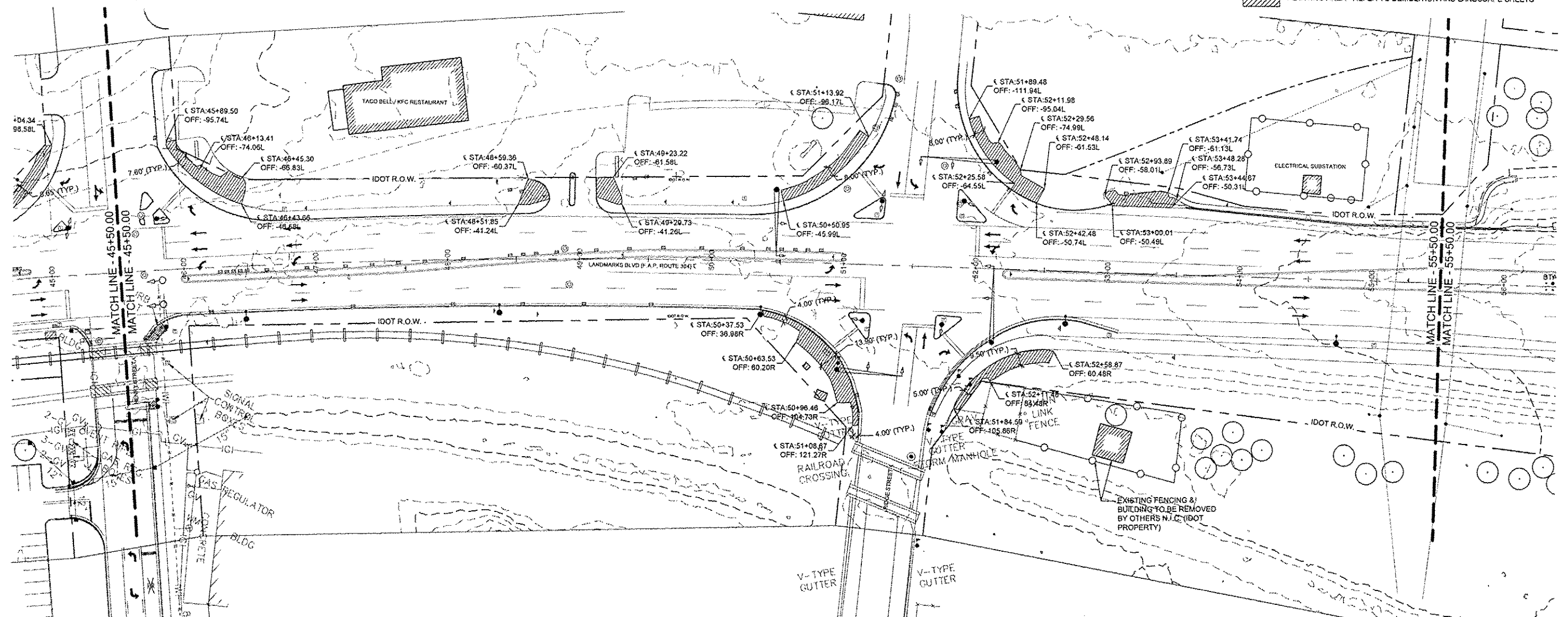
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	42
		CONTRACT NO. 97538		
		PROJ. NO. SBIL-TE-0008(151)		
FEDERAL AID PROJECT		ILLINOIS		

LAYOUT NOTES

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LEGEND

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 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
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 - EXISTING TREE - USE IN PLACE
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 - PLANTING AREA - REFER TO DEMOLITION AND LANDSCAPE SHEETS



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LAYOUT PLAN -
BRIDGE WEST**

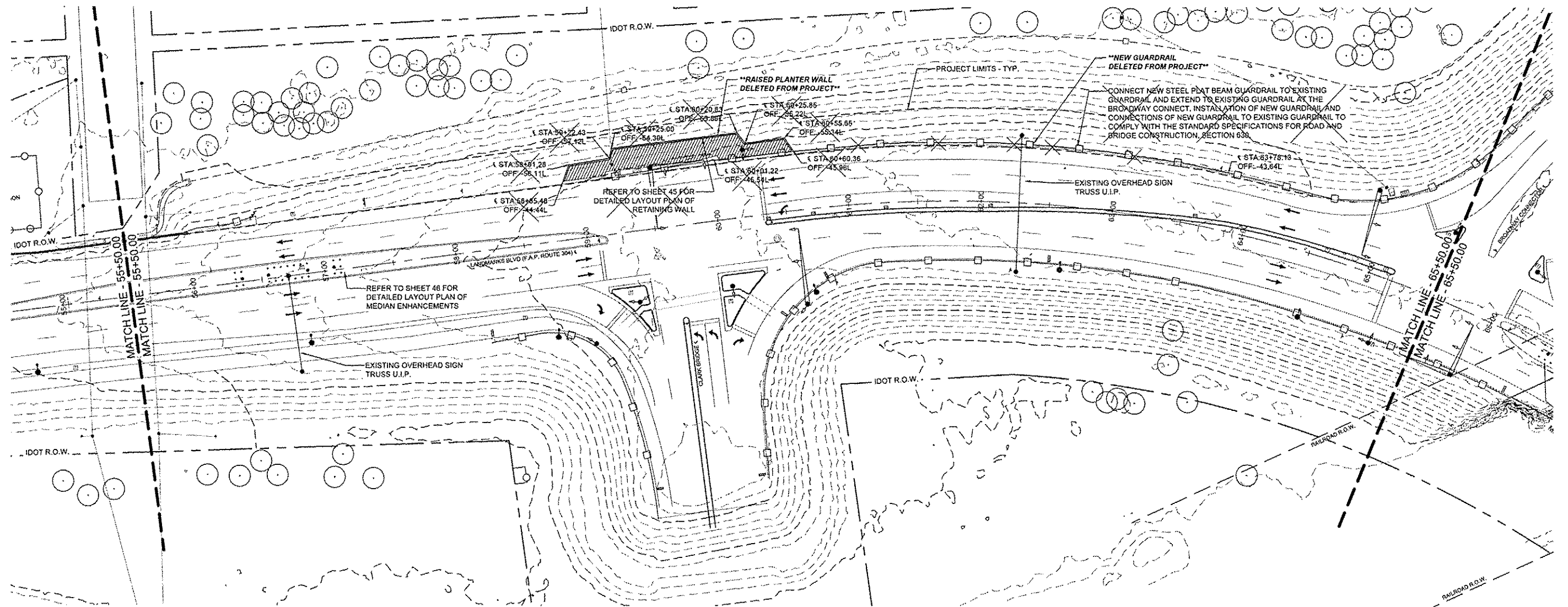
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00229-01-LS		MADISON	84	43
CONTRACT NO. 07539			PROJ. NO. SBIL-TE-0008(151)	
FEDERAL AID PROJECT ILLINOIS				

LAYOUT NOTES

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NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY: QGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT PLAN - BRIDGE WEST

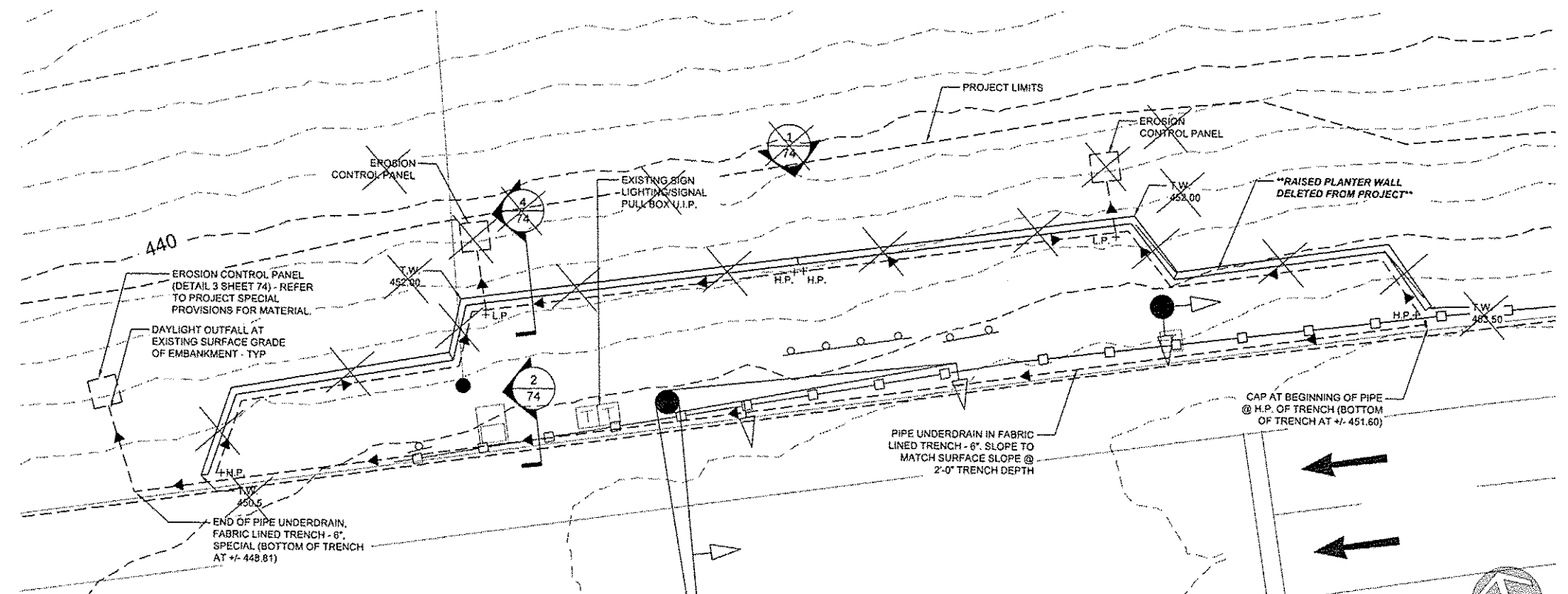
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	44
CONTRACT NO. 97639				
PROJ. NO. SBIL-TE-00D8(151)				
FEDERAL AID PROJECT ILLINOIS				

LAYOUT NOTES

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 - X— EXISTING STREET LIGHT - USE IN PLACE
 - |— EXISTING GUARDRAIL - USE IN PLACE
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1
45 PIPE UNDERDRAIN IN FABRIC LINED TRENCH
RETAINING WALL AT CLARK BRIDGE INTERSECTION
PLAN (REFER TO PROJECT SPECIAL PROVISIONS)

1" = 10'-0"

NO.	REVISION	DATE	DATE:
			01/29/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

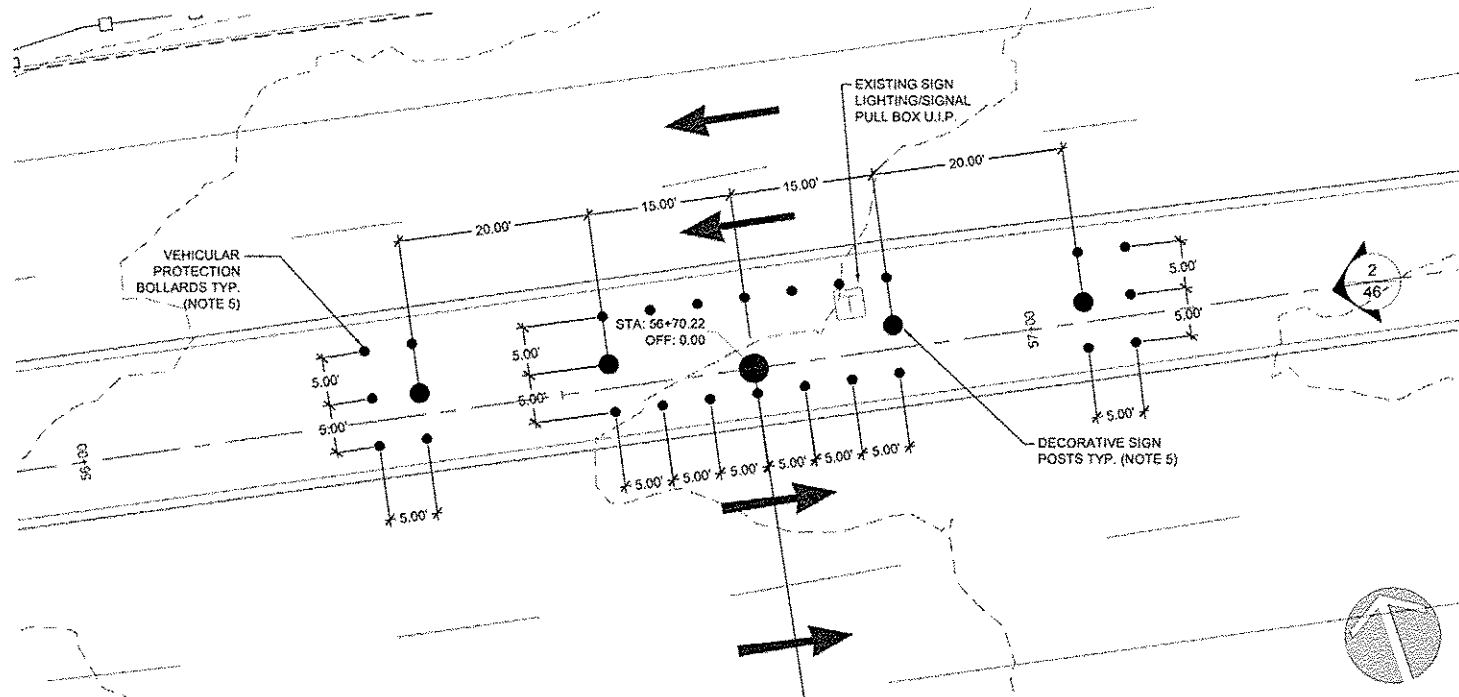
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT ENLARGEMENT PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	45
FEDERAL AID PROJECT			CONTRACT NO. 07539 PROJ. NO. 6BIL-TE-0008(151) ILLINOIS	

LAYOUT NOTES

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1
46
PLAN
MEDIAN LAYOUT PLAN - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS
1" = 10'-0"



2
46
PLAN
MEDIAN LAYOUT PROPOSED IMPROVEMENTS - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS
NTS

NO.	REVISION	DATE	DATE:
			01/28/2015

DRAWN BY:
GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LAYOUT PLAN -
BRIDGE WEST**

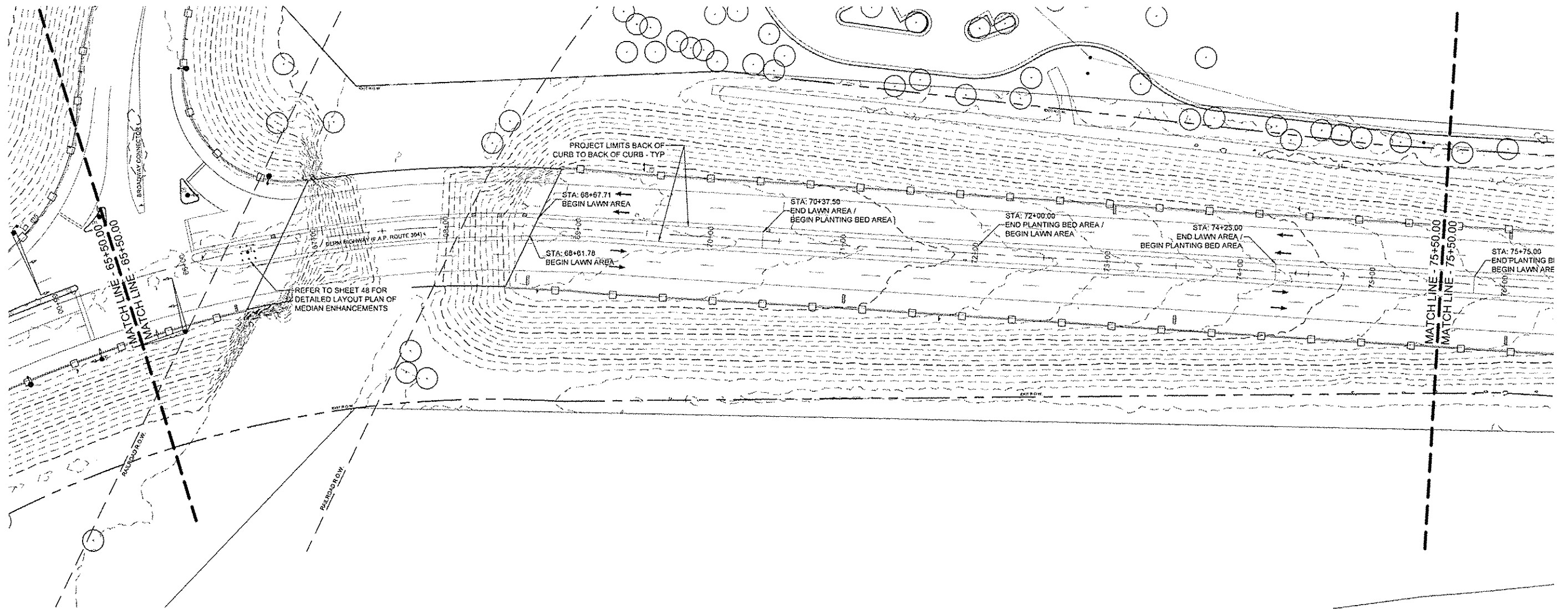
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	46
		CONTRACT NO. 87539		
		PROJ. NO. SBIL-TE-0008(151)		
FEDERAL AID PROJECT		ILLINOIS		

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NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

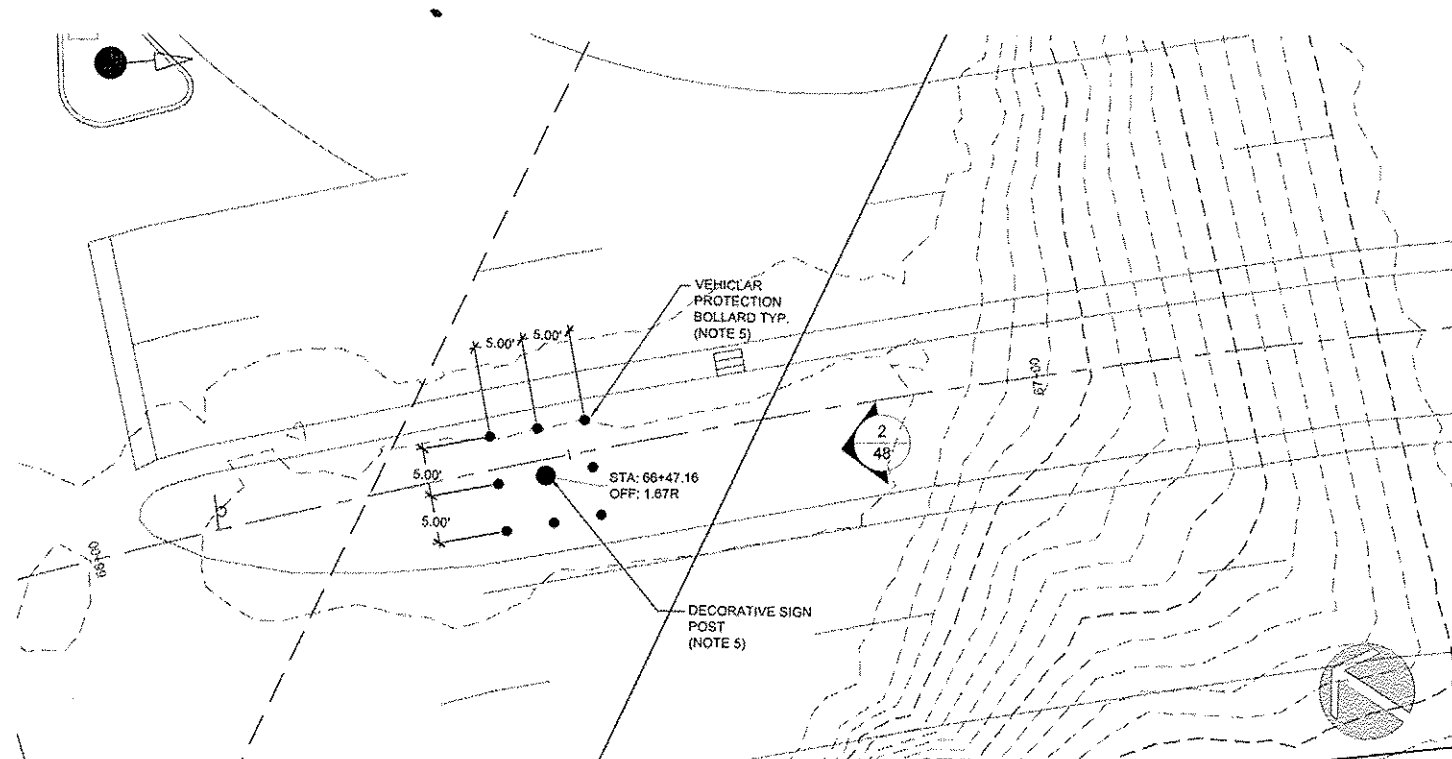
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT PLAN - BRIDGE WEST

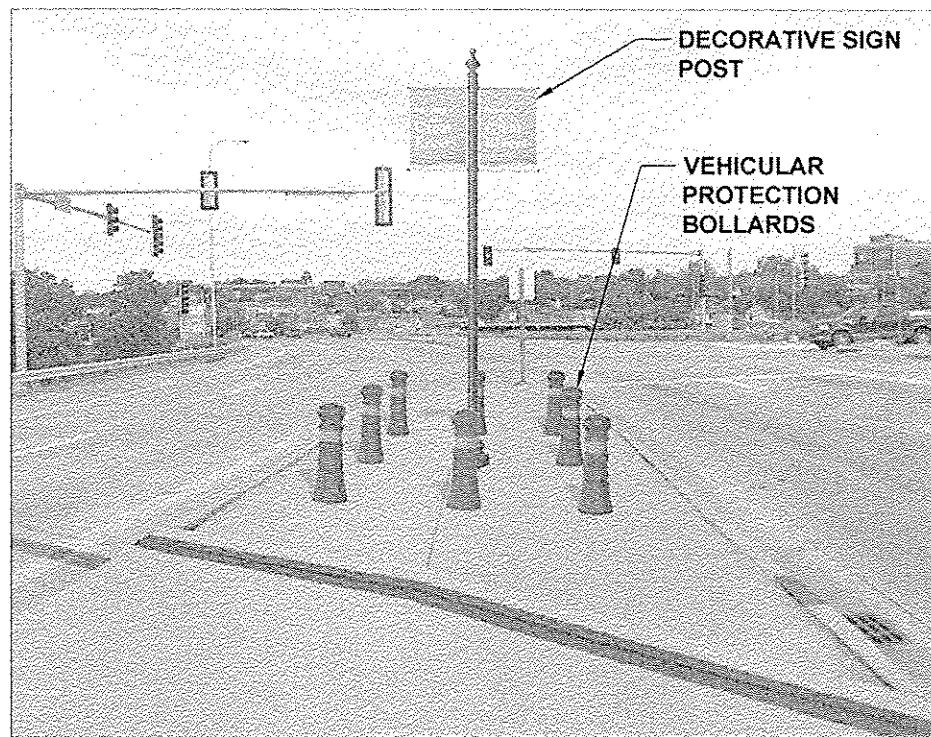
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00228-01-LS	MADISON	84	47
CONTRACT NO. 97539			PROJ. NO. SBIL-TE-0008(151)	
FEDERAL AID PROJECT			ILLINOIS	

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3. CONTRACTOR TO NOTIFY THE ENGINEER AND CITY IMMEDIATELY IF EXISTING CONDITIONS OR UNANTICIPATED CONDITIONS DIFFER FROM INFORMATION SHOWN ON DRAWINGS.
4. DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
5. REFER TO SHEET 75 FOR DECORATIVE SIGN POST AND VEHICULAR PROTECTION BOLLARD DETAILS.
6. CONTRACTOR SHALL FIELD VERIFY EXISTING MEDIAN MEASUREMENTS AND LOCATE DECORATIVE SIGN POSTS AND VEHICULAR PROTECTION BOLLARDS IN RELATION TO VERIFIED CENTERLINE OF MEDIAN.



1 MEDIAN LAYOUT PLAN - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS
48 PLAN NTS



2 MEDIAN LAYOUT PROPOSED IMPROVEMENTS - DECORATIVE SIGN POSTS & VEHICULAR PROTECTION BOLLARDS
48 IMAGE NTS

NO.	REVISION	DATE	DATE:
			01/28/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LAYOUT ENLARGEMENT PLAN -
BRIDGE WEST**

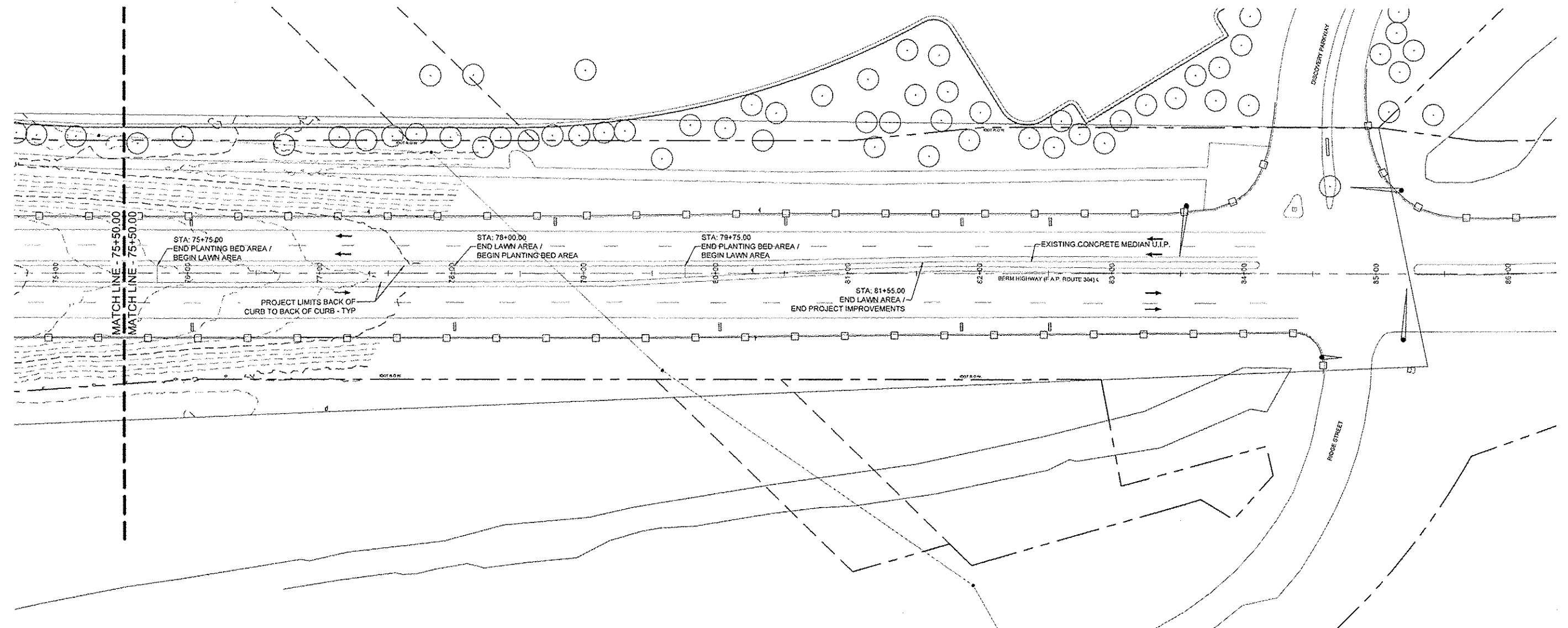
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	48
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D8(151)
			ILLINOIS	

LAYOUT NOTES

- EXISTING IMPROVEMENTS TO REMAIN AND BE USED IN PLACE UNLESS OTHERWISE NOTED. ANY DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS TO BE RESTORED TO THE REQUIREMENTS OF IDOT AND/OR THE CITY OF ALTON AT CONTRACTOR'S EXPENSE.
- UNLESS OTHERWISE NOTED, ALL IMPROVEMENTS INCLUDING THOSE NOTED TO BE FIELD LOCATED SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. CITY STAFF TO MARK/ARRANGE PLANTINGS IN PLANTING BEDS AND PLANTS NOT LOCATED BY STATIONS AND OFFSETS.
- CONTRACTOR TO NOTIFY THE ENGINEER AND CITY IMMEDIATELY IF EXISTING CONDITIONS OR UNANTICIPATED CONDITIONS DIFFER FROM INFORMATION SHOWN ON DRAWINGS.
- DRAWING LAYOUT SHEETS INDICATE SURVEY CONTROL POINTS FOR PROJECT LAYOUT. CONTRACTOR TO VERIFY LAYOUT INFORMATION PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER AND CITY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - ⊠ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ▨ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊠ EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LAYOUT PLAN - BRIDGE WEST

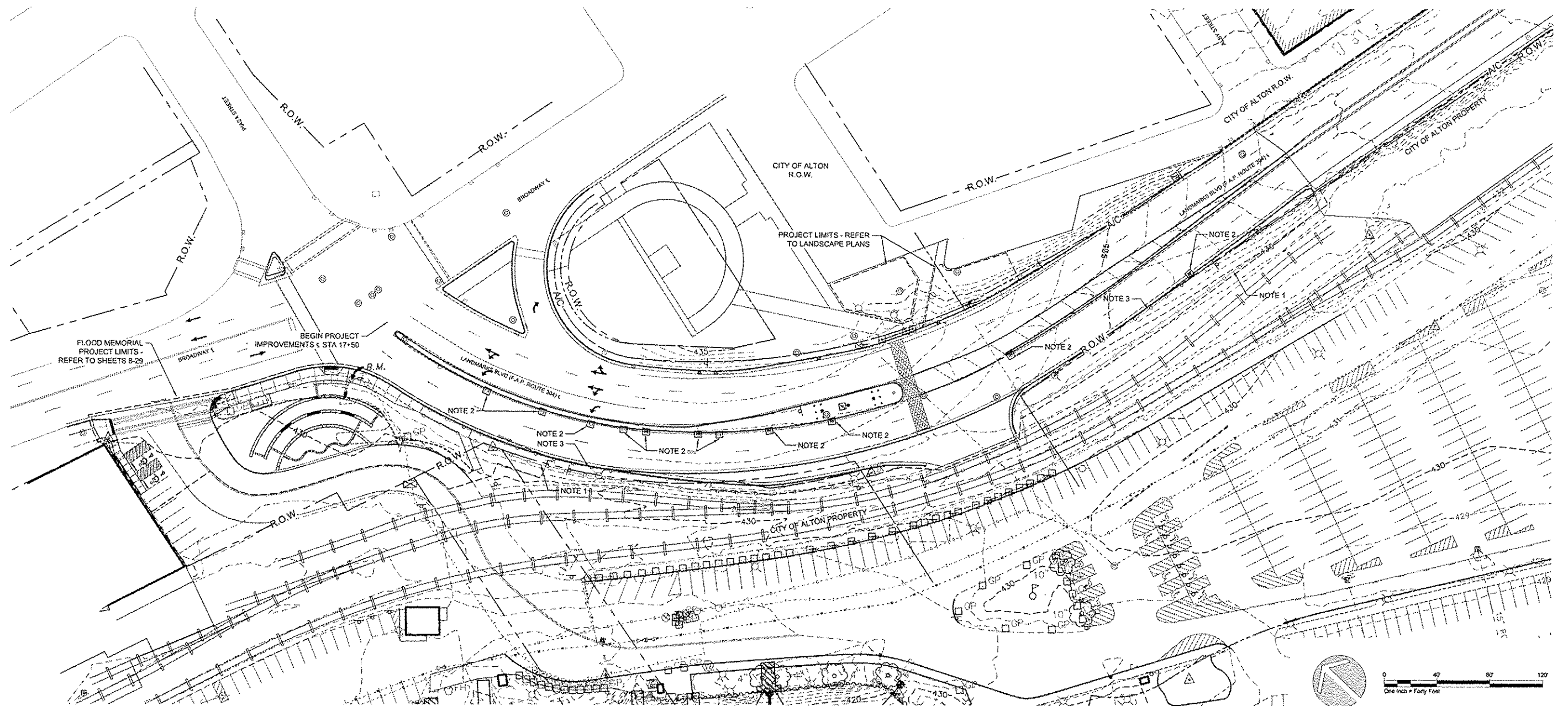
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	49
CONTRACT NO. 97539			PROJ. NO. SBIL-TE-00DB(151)	
FEDERAL AID PROJECT			ILLINOIS	

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (DOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
3. INSTALL 8" ROLLED EXCELSIOR SEDIMENT FILTER. REFER TO DETAILS ON SHEET 57.
4. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
5. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS. DO NOT ALLOW WORKER'S DELIVERY OR CONSTRUCTION VEHICLES TO TRACK MUD ONTO PUBLIC ROADWAYS.
6. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
7. CONTRACTOR SHALL INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES OR CONSTRUCTION AND SHALL MAINTAIN UNTIL PERMANENT VEGETATION OR OTHER APPROVED METHOD OF STABILIZATION IS ESTABLISHED.
8. SILTATION CONTROL SHALL BE PROVIDED AND MAINTAINED AROUND ALL OPEN SEWER INLETS AND DISTURBED AREAS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.
9. PROVIDE AND MAINTAIN SILT FENCE AT DOWNHILL PERIMETER OF WORK LIMITS TO RETAIN SEDIMENT FOR EACH PHASE OF CONSTRUCTION.
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES AND WILL BE INSPECTED BY THE CONTRACTOR AT LEAST WEEKLY, AND AFTER EACH RAINFALL EVENT PRODUCING RUNOFF. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EROSION CONTROL MEASURES/BMP'S.
11. ALL DISTURBED AREAS TO BE SODED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
12. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
13. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- ▲ EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - ⊗ EXISTING STREET LIGHT - USE IN PLACE
 - ▤ EXISTING DRAIN INLET - USE IN PLACE
 - ⊗ EXISTING GUARDRAIL - USE IN PLACE
 - ⊗ EXISTING TREE - USE IN PLACE
 - ⊗ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - ⊗ EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - ⊗ EXISTING UTILITY BOX - USE IN PLACE
 - ⊗ EXISTING MANHOLE - USE IN PLACE
 - ⊗ INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 57
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - ⊗ EXISTING PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 57
 - ⊗ EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ⊗ EXISTING PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57
 - ⊗ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)



NO.	REVISION	DATE	DATE:
			01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**EROSION CONTROL PLAN -
BRIDGE WEST**

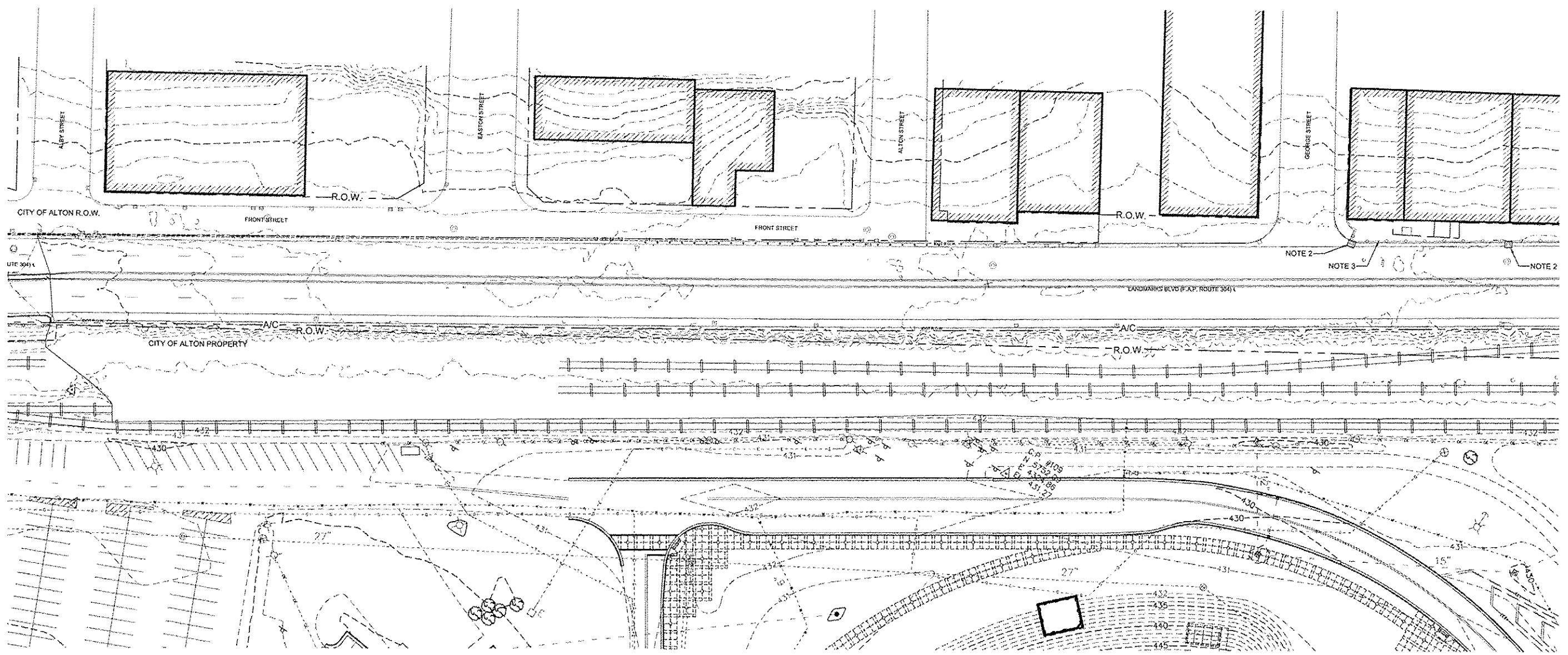
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	50
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97539 PROJ. NO. SBIL-TE-0008(151)	

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (DOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
3. INSTALL 8" ROLLED EXCELSIOR SEDIMENT FILTER. REFER TO DETAILS ON SHEET 57.
4. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
5. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS. DO NOT ALLOW WORKER'S DELIVERY OR CONSTRUCTION VEHICLES TO TRACK MUD ONTO PUBLIC ROADWAYS.
6. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
7. CONTRACTOR SHALL INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES OR CONSTRUCTION AND SHALL MAINTAIN UNTIL PERMANENT VEGETATION OR OTHER APPROVED METHOD OF STABILIZATION IS ESTABLISHED.
8. SILTATION CONTROL SHALL BE PROVIDED AND MAINTAINED AROUND ALL OPEN SEWER INLETS AND DISTURBED AREAS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.
9. PROVIDE AND MAINTAIN SILT FENCE AT DOWNHILL PERIMETER OF WORK LIMITS TO RETAIN SEDIMENT FOR EACH PHASE OF CONSTRUCTION.
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES AND WILL BE INSPECTED BY THE CONTRACTOR AT LEAST WEEKLY. AND AFTER EACH RAINFALL EVENT PRODUCING RUNOFF. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EROSION CONTROL MEASURES/STMP'S.
11. ALL DISTURBED AREAS TO BE SODDED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
12. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
13. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - ⊠ EXISTING DRAIN INLET - USE IN PLACE
 - ⊞ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - ⊞ EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ▭ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊗ EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 57
 - PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 57
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57



NO.	REVISION	DATE	DATE: 01/28/2015
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**EROSION CONTROL PLAN -
BRIDGE WEST**

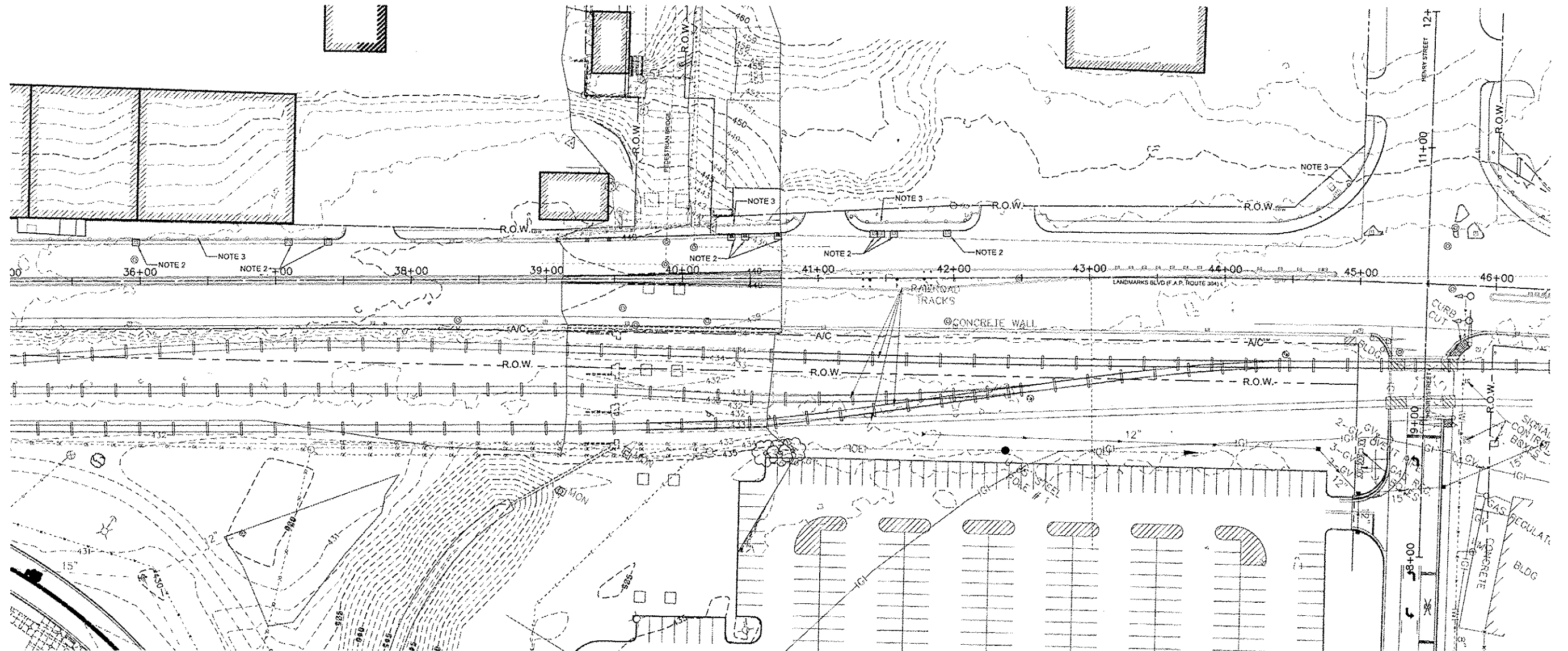
FA.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	51
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-00D8(151)		
FEDERAL AID PROJECT		ILLINOIS		

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (DOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
3. INSTALL 8" ROLLED EXCELSIOR SEDIMENT FILTER. REFER TO DETAILS ON SHEET 57.
4. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
5. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS. DO NOT ALLOW WORKER'S DELIVERY OR CONSTRUCTION VEHICLES TO TRACK MUD ONTO PUBLIC ROADWAYS.
6. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
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12. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
13. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
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 - EXISTING DRAIN INLET - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - EXISTING MANHOLE - USE IN PLACE
 - INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 57
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 57
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)



NO.	REVISION	DATE	DATE:
			01/28/2015
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GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EROSION CONTROL PLAN - BRIDGE WEST

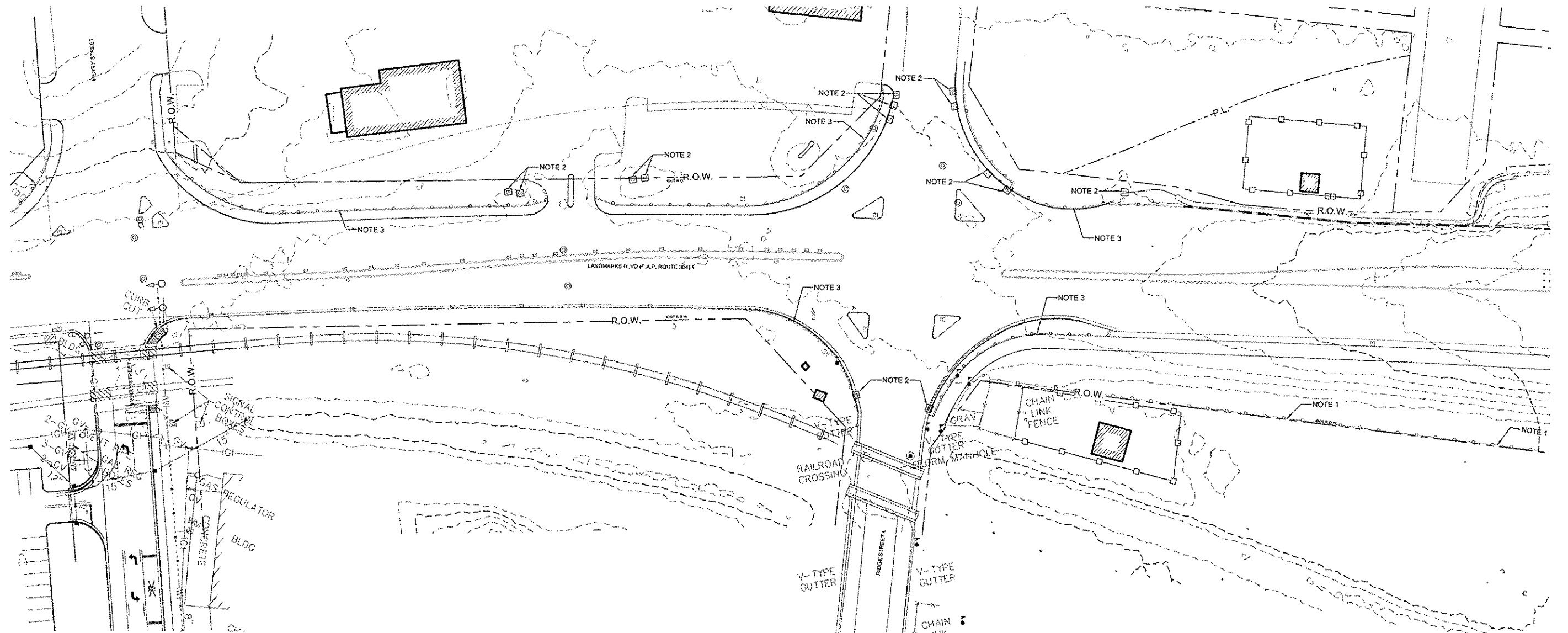
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00229-01-LS	MADISON	84	52	
CONTRACT NO. 97539			PROJ. NO. SBIL-TE-0008(151)	
FEDERAL AID PROJECT			ILLINOIS	

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (IDOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
3. INSTALL 8" ROLLED EXCELSIOR SEDIMENT FILTER. REFER TO DETAILS ON SHEET 57.
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6. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
7. CONTRACTOR SHALL INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES OR CONSTRUCTION AND SHALL MAINTAIN UNTIL PERMANENT VEGETATION OR OTHER APPROVED METHOD OF STABILIZATION IS ESTABLISHED.
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11. ALL DISTURBED AREAS TO BE SOGDED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
12. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
13. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
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 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
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 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EROSION CONTROL PLAN - BRIDGE WEST

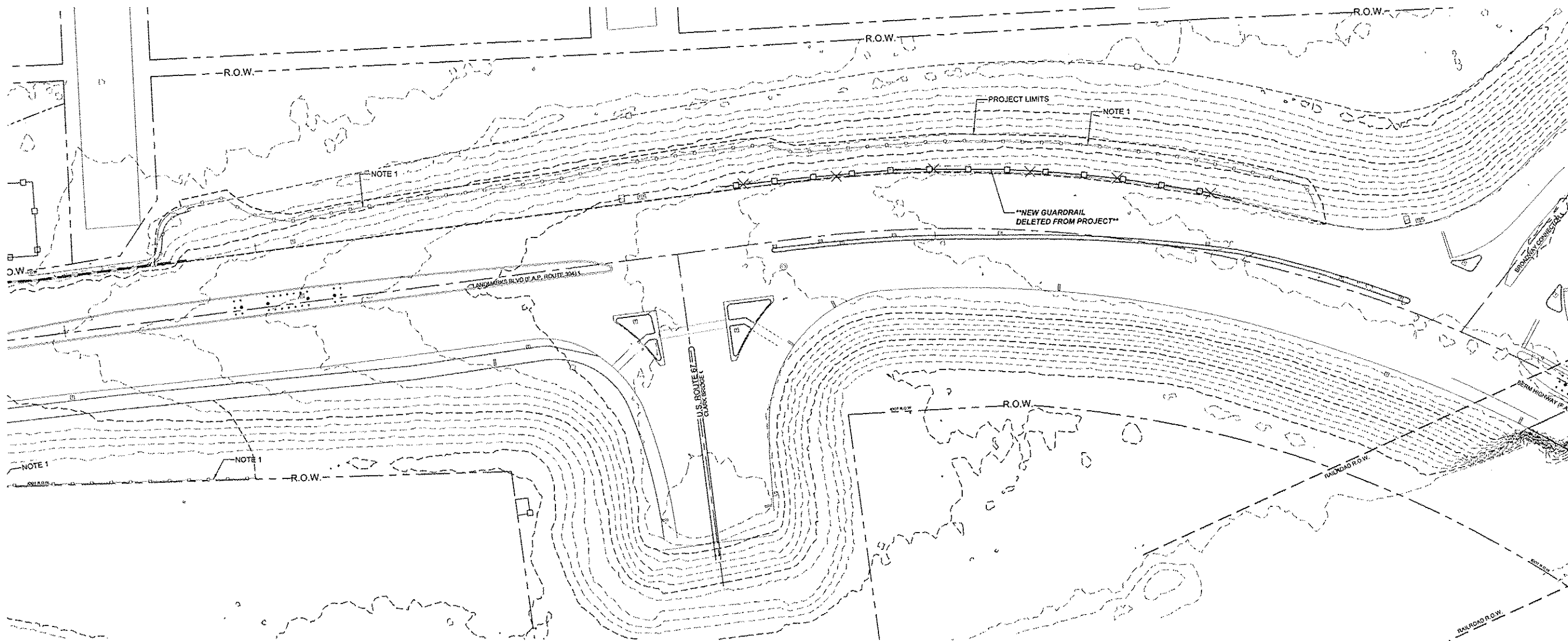
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00228-01-LS	MADISON	84	53
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-0008(151)
			ILLINOIS	

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (DOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
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11. ALL DISTURBED AREAS TO BE SODDED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
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LEGEND

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 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
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 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - EXISTING MANHOLE - USE IN PLACE
 - INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 57
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 57
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

EROSION CONTROL PLAN - BRIDGE WEST

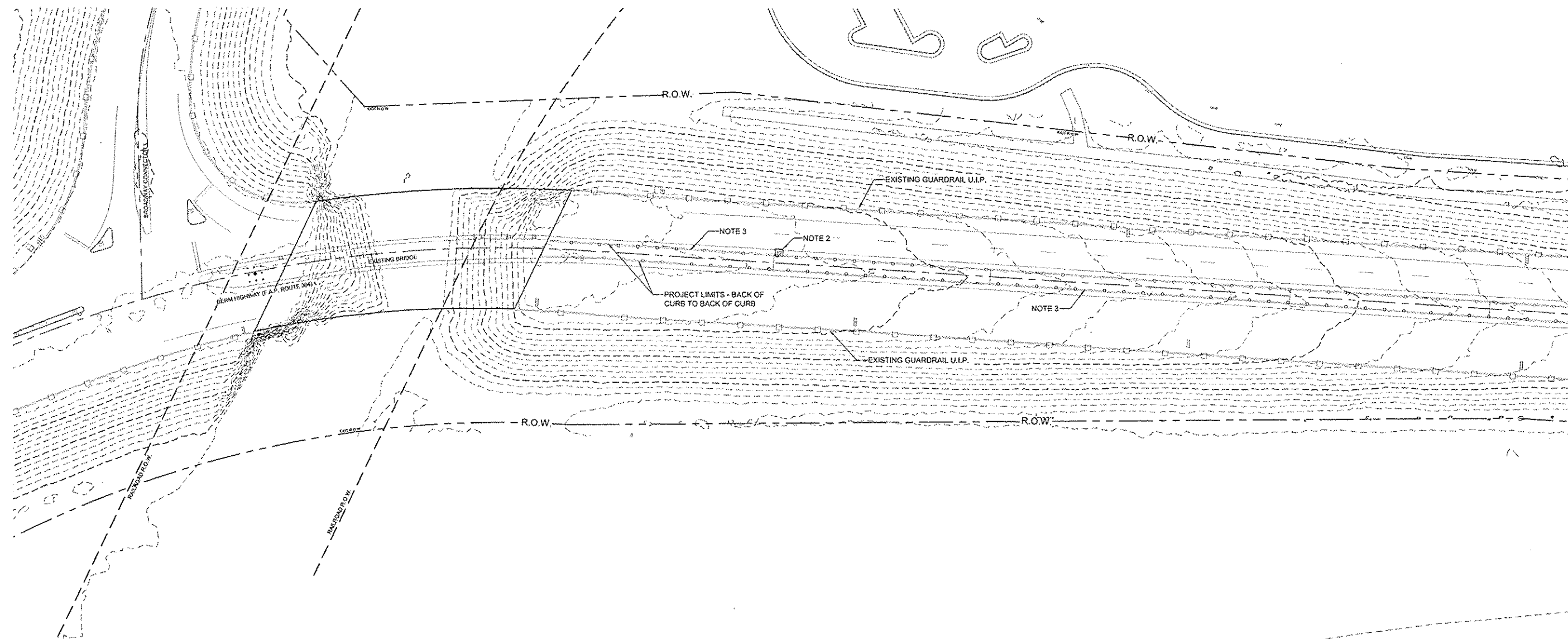
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	54
CONTRACT NO. 07539				
PROJ. NO. SBIL-TE-0008(151)				
FEDERAL AID PROJECT				ILLINOIS

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (DOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
3. INSTALL 6" ROLLED EXCELSIOR SEDIMENT FILTER. REFER TO DETAILS ON SHEET 57.
4. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
5. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS. DO NOT ALLOW WORKER'S DELIVERY OR CONSTRUCTION VEHICLES TO TRACK MUD ONTO PUBLIC ROADWAYS.
6. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
7. CONTRACTOR SHALL INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES OR CONSTRUCTION AND SHALL MAINTAIN UNTIL PERMANENT VEGETATION OR OTHER APPROVED METHOD OF STABILIZATION IS ESTABLISHED.
8. SILTATION CONTROL SHALL BE PROVIDED AND MAINTAINED AROUND ALL OPEN SEWER INLETS AND DISTURBED AREAS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.
9. PROVIDE AND MAINTAIN SILT FENCE AT DOWNHILL PERIMETER OF WORK LIMITS TO RETAIN SEDIMENT FOR EACH PHASE OF CONSTRUCTION.
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES AND WILL BE INSPECTED BY THE CONTRACTOR AT LEAST WEEKLY, AND AFTER EACH RAINFALL EVENT PRODUCING RUNOFF. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EROSION CONTROL MEASURES/BMP'S.
11. ALL DISTURBED AREAS TO BE SODDED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
12. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
13. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 57
 - PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 57
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57
 - EXISTING DRAIN INLET - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)



NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY:
			GGV/ST

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**EROSION CONTROL PLAN -
BRIDGE WEST**

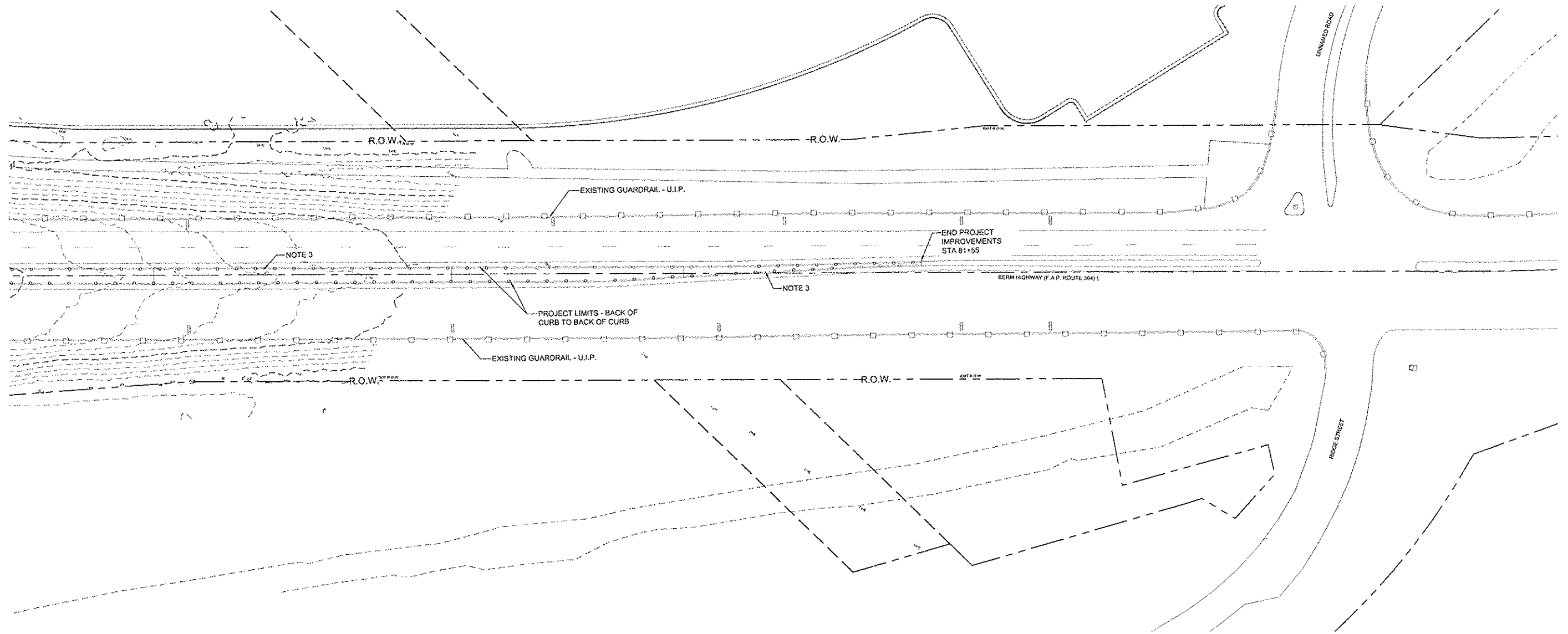
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00228-01-LS	MADISON	84	55
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-0608(151)		
FEDERAL AID PROJECT		ILLINOIS		

EROSION CONTROL NOTES

1. INSTALL SILT FENCE ON DOWN HILL SIDE OF DEMOLITION AREAS WITH EXPOSED EARTH. REFER TO DETAILS ON SHEET 57 (DOT STANDARD 280001).
2. INSTALL INLET PROTECTION. REFER TO DETAIL ON SHEET 57.
3. INSTALL 8" ROLLED EXCELSIOR SEDIMENT FILTER. REFER TO DETAILS ON SHEET 57.
4. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
5. THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGE WAYS. DO NOT ALLOW WORKER'S DELIVERY OR CONSTRUCTION VEHICLES TO TRACK MUD ONTO PUBLIC ROADWAYS.
6. CONTRACTOR SHALL OBTAIN REQUIRED LAND DISTURBANCE PERMITS, COMPLY WITH ALL PERMIT REQUIREMENTS AND KEEP A COPY OF THE PERMIT, STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AT THE PROJECT SITE.
7. CONTRACTOR SHALL INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITIES OR CONSTRUCTION AND SHALL MAINTAIN UNTIL PERMANENT VEGETATION OR OTHER APPROVED METHOD OF STABILIZATION IS ESTABLISHED.
8. SILTATION CONTROL SHALL BE PROVIDED AND MAINTAINED AROUND ALL OPEN SEWER INLETS AND DISTURBED AREAS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.
9. PROVIDE AND MAINTAIN SILT FENCE AT DOWNHILL PERIMETER OF WORK LIMITS TO RETAIN SEDIMENT FOR EACH PHASE OF CONSTRUCTION.
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES AND WILL BE INSPECTED BY THE CONTRACTOR AT LEAST WEEKLY, AND AFTER EACH RAINFALL EVENT PRODUCING RUNOFF. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EROSION CONTROL MEASURES/BMP'S.
11. ALL DISTURBED AREAS TO BE SOODED AND LANDSCAPED AS SOON AS CONSTRUCTION PHASES PERMIT, AND ONCE AREA HAS BEEN APPROVED BY THE ENGINEER.
12. PROVIDE EROSION CONTROL AT MATERIAL STOCKPILE AREAS.
13. MODIFY AND UPDATE STORM WATER MANAGEMENT PLAN AND EROSION CONTROL PLAN AS NEEDED IF CHANGES IN PROJECT CONDITIONS WARRANT.
14. CONTRACTOR SHALL MAINTAIN EROSION AND SEDIMENT CONTROL ITEMS IN PROPER AND FUNCTIONAL CONDITION AT ALL TIME.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- ◻ EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - ◻ EXISTING DRAIN INLET - USE IN PLACE
 - ◻ EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - ◻ EXISTING UTILITY BOX - USE IN PLACE
 - ⊙ EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - ◻ EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - ◻ EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - ⊗ EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - - - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - ◻ INLET & PIPE PROTECTION, SPECIAL - SEE DETAILS SHEET 57
 - PERIMETER EROSION BARRIER - SILT FENCING - SEE DETAILS SHEET 57
 - PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER - SEE DETAILS SHEET 57



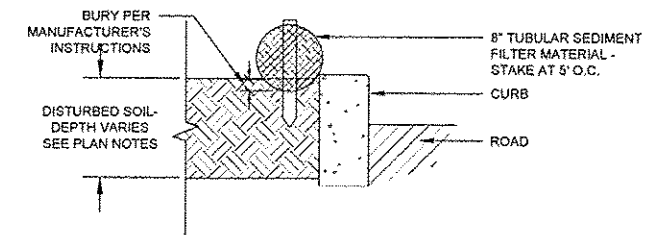
NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

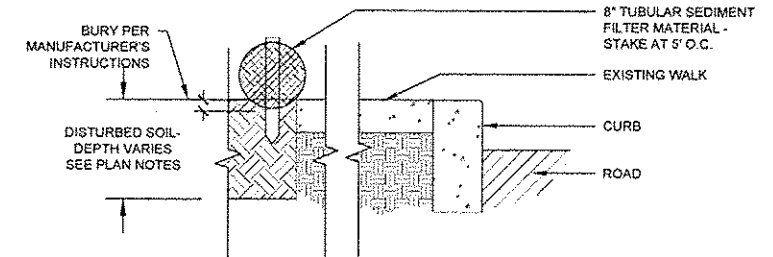
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EROSION CONTROL PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	56
FEDERAL AID PROJECT			ILLINOIS	



SEDIMENT FILTER AT CURB



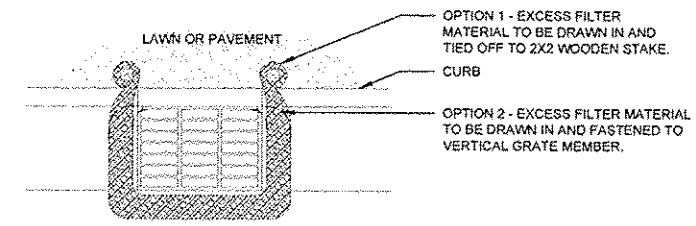
SEDIMENT FILTER AT WALK

1
57 NOT USED

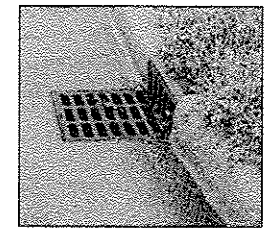
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57 PERIMETER EROSION BARRIER - ROLLED EXCELSIOR SEDIMENT FILTER DETAILS
PLAN

NTS

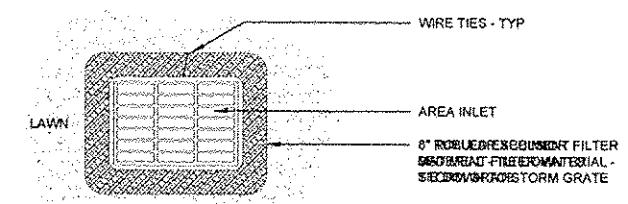
NOTE:
REFER TO SHEET 74 FOR EROSION CONTROL PANEL
DETAILS AT RETAINING WALL PLANTER AREA.



CURB INLET PROTECTION



TYPICAL DRAIN INLET



AREA INLET PROTECTION

3
57 INLET PROTECTION, SPECIAL - DETAILS -
REFER TO PROJECT SPECIAL PROVISIONS
PLAN

NTS

NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

EROSION CONTROL DETAILS -
BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00226-00-MS	MADISON	84	57
FEDERAL AID PROJECT			ILLINOIS	
			CONTRACT NO. 97539	
			PROJ. NO. SBL-TE-00D8(151)	

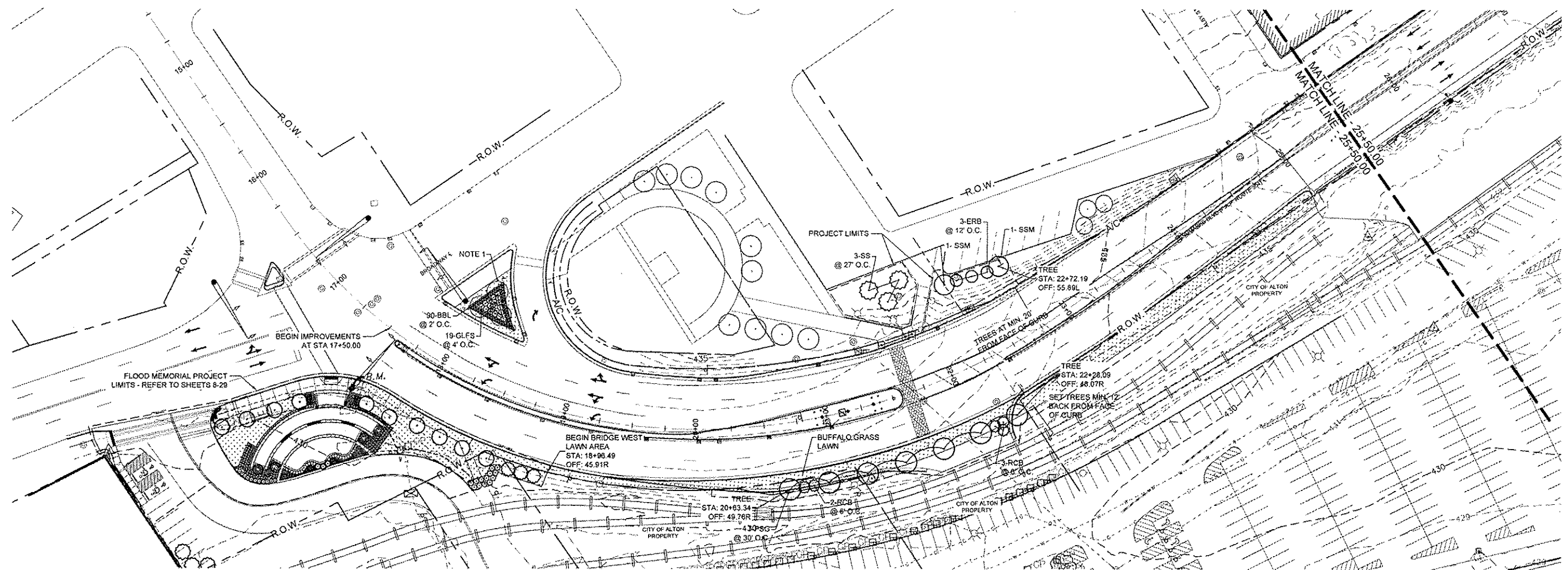
PLANT MATERIAL KEY					
KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
SHADE TREE			PERENNIAL		
PSG	GINKGO BILOBA 'PRINCETON SENTRY'	'PRINCETON SENTRY' GINKGO	BES	RUDBECKIA HIRTA	BLACK-EYED SUSAN
SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
SSM	ACER RUBRUM 'SCARLET SENTINEL'	'SCARLET SENTINEL' MAPLE	CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS
INTERMEDIATE TREE			GROUND COVER		
ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLANCE'	'AUTUMN BRILLANCE' SERVICEBERRY	PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
ERB	CERCIS CANADENSIS	EASTERN RED BUD	PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSSEED
MS	MALUS SPP. 'SENTINEL'	MALUS 'SENTINEL' (CLUMP FORM)	SSG	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS
SBM	MAGNOLIA VIRGINIANA	SWEET BAY MAGNOLIA			
TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE	BBL	LIRIOPE X MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE
EVERGREEN TREE			ML	LIRIOPE X MUSCARI MAJESTIC	'MAJESTIC' LIRIOPE
SS	PICEA OMORIKA	SERBIAN SPRUCE			
DECIDUOUS SHRUB					
BMAV	VIBURNUM DENTATUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM			
GLFS	RHUS AROMATICA 'GROW-LO'	'GROW-LO' FRAGRANT SUMAC			
LHVS	ITEA VIRGINICA 'LITTLE HENRY'S'	'LITTLE HENRY'S' VIRGINIA SWEETSPIRE			
MAV	VIBURNUM DENTATUM 'MORTON'	'MORTON' ARROWWOOD VIBURNUM			
RCB	ARONIA ARBUTIFOLIA 'BRILLANTISSIMA'	RED CHOKEBERRY			

LANDSCAPE NOTES

- ALL EXISTING VEGETATION TO REMAIN AND BE PROTECTED UNLESS NOTES OTHERWISE. DAMAGE TO VEGETATION FROM CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO SATISFACTION OF THE OWNER AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER SITE RELATED CONSTRUCTION IN ORDER TO MEET SPECIFIED PLANTING SCHEDULES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TOPSOIL PLACEMENT AND FINAL SHAPING REQUIREMENTS FOR SOD AND LANDSCAPE PLANTINGS.
- ALL PLANTING BED AREAS TO BE STAKED BY THE CONTRACTOR FOR APPROVAL BY ENGINEER PRIOR TO LANDSCAPE OPERATIONS.
- CITY STAFF TO SPACE INDIVIDUAL PLANTS WITHIN PLANTING BED AREAS AT ON-CENTER SPACING INDICATED AND MARK LOCATIONS WITH FLAGS FOR INSTALLATION BY THE CONTRACTOR.
- CONTRACTOR TO LOCATE TREES AS INDICATED BY CENTERLINE STATION AND OFFSETS, AND/OR DIMENSIONS SHOWN. MARK LOCATIONS WITH FLAGS FOR APPROVAL BY ENGINEER. MAINTAIN 10' MINIMUM SETBACK FROM EDGE OF DRIVING LANE TO FACE OF THE TREE TRUNK UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY QUANTITIES AND CONDITIONS PRIOR TO BIDDING AND IMPLEMENTATION. SUBSTITUTIONS WILL NOT BE ALLOWED FOR TYPES AND SIZES OR PLANTS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- SIZES SHOWN IN PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES. COMPLY WITH ANSI Z60.1 (CURRENT EDITION). ENGINEER RESERVES THE RIGHT TO REQUEST PHOTOS OF TAGGED PLANTS AND/OR INSPECT PLANT MATERIAL AT THE NURSERY PRIOR TO DELIVERY TO THE PROJECT SITE.
- CONTRACTOR TO COMPLY WITH ALL SPECIFIED SUBMITTAL REQUIREMENTS AND OBTAIN APPROVED SUBMITTALS PRIOR TO STARTING SOD AND LANDSCAPE PLANTING WORK.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL REQUIRE 48 HOURS ADVANCE NOTICE FROM CONTRACTOR PRIOR TO IMPLEMENTATION OF LANDSCAPE ACTIVITIES.
- THE CONTRACTOR WILL COORDINATE A FIELD REVIEW AND APPROVAL OF THE IRRIGATION SYSTEM INSTALLATION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL CONDUCT A FINAL INSPECTION OF THE IRRIGATION SYSTEM AND THE DECORATIVE LIGHTING UNITS PRIOR TO THE CITY OF ALTON APPROVING THESE ITEMS.
- ALL AREAS INDICATED AS LAWN TO BE SOODED BLEND OF BUFFALOGRASS (BUCHLOE DACTYLOIDES) ACCEPTABLE TO IDOT AS FOLLOWS: 'LEGACY' 'CODY' '315' OR (80-10-10) BLEND OF ALL THREE IN ORDER LISTED.
- REFER TO LAYOUT PLANS FOR LOCATIONS OF PLANTING BED AREAS (SHRUBS AND PERENNIALS). REFER TO IRRIGATION PLANS FOR LAYOUT OF DRIP SYSTEM IN PLANTING BED AREAS.
- FIELD ADJUST PLANTINGS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS

101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LANDSCAPE PLAN -
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	58
CONTRACT NO. 97539			PROJ. NO. SBL-TE-0008(151)	
FEDERAL AID PROJECT			ILLINOIS	

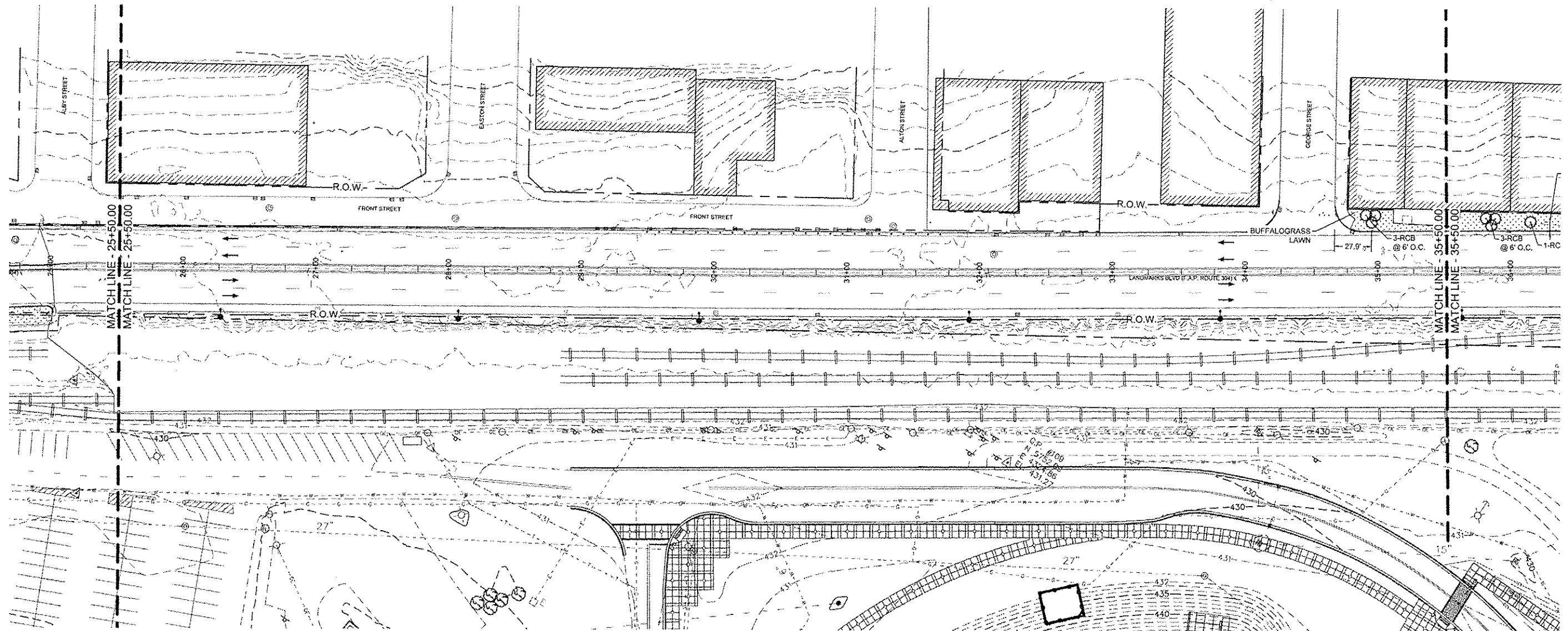
PLANT MATERIAL KEY					
KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
SHADE TREE			PERENNIAL		
PSG	GINKGO BILOBA 'PRINCETON SENTRY'	'PRINCETON SENTRY' GINKGO	BES	RUDBECKIA HIRTA	BLACK-EYED SUSAN
SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
SSM	ACER RUBRUM 'SCARLET SENTINEL'	'SCARLET SENTINEL' MAPLE	CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS
INTERMEDIATE TREE			GROUND COVER		
ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	'AUTUMN BRILLIANCE' SERVICEBERRY	OBSG	PANICUM VIRGATUM 'DALLAS BLUES'	'DALLAS BLUES' SWITCHGRASS
ERB	CERCIS CANADENSIS	EASTERN RED BUD	PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
MS	MALUS SPP. 'SENTINEL'	MALUS 'SENTINEL' (CLUMP FORM)	PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED
SBM	MAGNOLIA VIRGINIANA	SWEET BAY MAGNOLIA	SSG	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS
TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE	BBL	LIRIOPE X MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE
EVERGREEN TREE			ML	LIRIOPE X MUSCARI MAJESTIC	'MAJESTIC' LIRIOPE
SS	PICEA OMORIKA	SERBIAN SPRUCE			
DECIDUOUS SHRUB					
BMAV	VIBURNUM DENTATUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM			
GLFS	RHUS AROMATICA 'GROW-LO'	'GROW-LO' FRAGRANT SUMAC			
LHVS	ITEA VIRGINICA 'LITTLE HENRY'S'	'LITTLE HENRY'S' VIRGINIA SWEETSPICE			
MAV	VIBURNUM DENTATUM 'MORTON'	'MORTON' ARROWWOOD VIBURNUM			
RCB	ARONIA ARBUTIFOLIA 'BRILLANTISSIMA'	RED CHOKEBERRY			

LANDSCAPE NOTES

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- ALL PLANTING BED AREAS TO BE STAKED BY THE CONTRACTOR FOR APPROVAL BY ENGINEER PRIOR TO LANDSCAPE OPERATIONS.
- CITY STAFF TO SPACE INDIVIDUAL PLANTS WITHIN PLANTING BED AREAS AT ON-CENTER SPACING INDICATED AND MARK LOCATIONS WITH FLAGS FOR INSTALLATION BY THE CONTRACTOR.
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- REFER TO LAYOUT PLANS FOR LOCATIONS OF PLANTING BED AREAS (SHRUBS AND PERENNIALS). REFER TO IRRIGATION PLANS FOR LAYOUT OF DRIP SYSTEM IN PLANTING BED AREAS.
- FIELD ADJUST PLANTINGS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
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 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LANDSCAPE PLAN -
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00229-01-LS	MADISON	84	59	
CONTRACT NO. 97539				
PROJ. NO. SBL-TE-0008(151)				
FEDERAL AID PROJECT ILLINOIS				

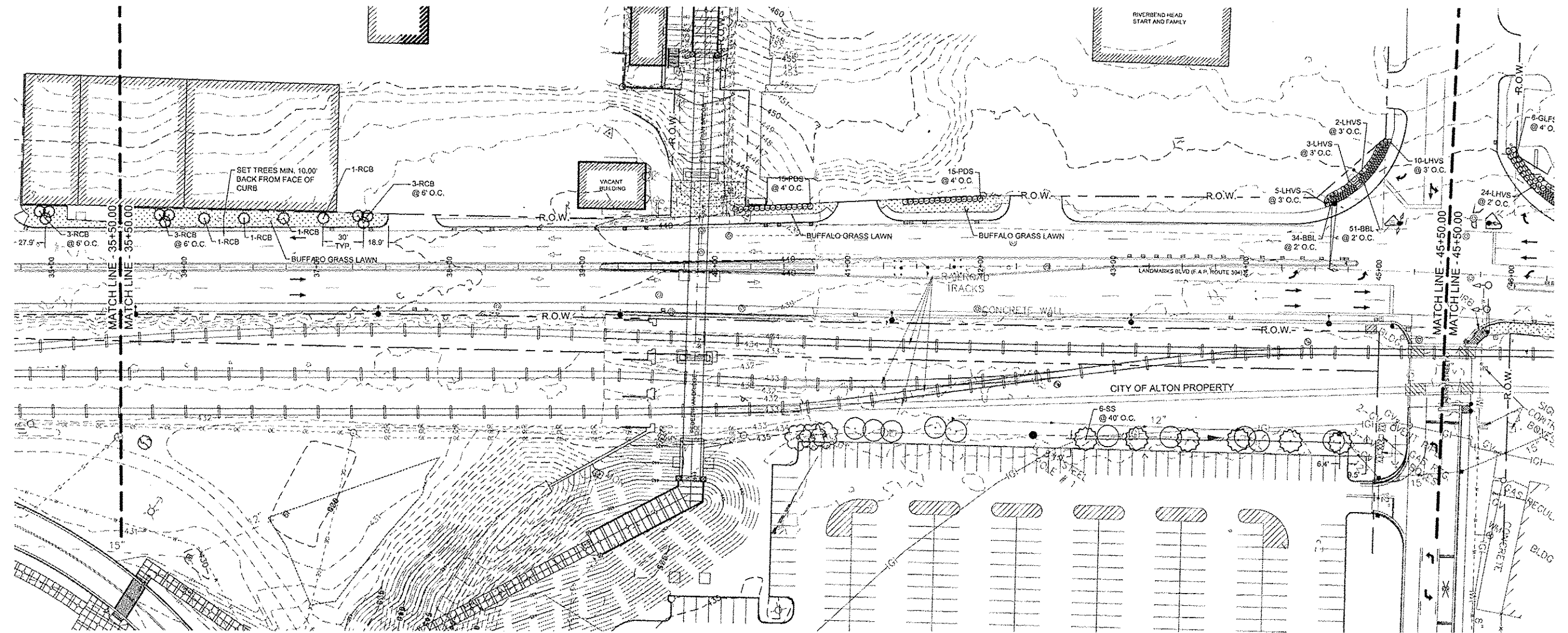
PLANT MATERIAL KEY					
KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
SHADE TREE			PERENNIAL		
P&G	GINKGO BILOBA 'PRINCETON SENTRY'	'PRINCETON SENTRY' GINKGO	BES	RUDBECKIA HIRTA	BLACK-EYED SUSAN
SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
SSM	ACER RUBRUM 'SCARLET SENTINEL'	'SCARLET SENTINEL' MAPLE	CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS
INTERMEDIATE TREE			DBSG	PANICUM VIRGATUM 'DALLAS BLUES'	'DALLAS BLUES' SWITCHGRASS
ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	'AUTUMN BRILLIANCE' SERVICEBERRY	PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
ERB	CERCIS CANADENSIS	EASTERN RED BUD	PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSIDE
MS	MALUS SPP. 'SENTINEL'	MALUS 'SENTINEL' (CLUMP FORM)	SSG	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS
SBM	MAGNOLIA VIRGINIANA	SWEET BAY MAGNOLIA	GROUND COVER		
TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE	BBL	LIRIOPE X MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE
EVERGREEN TREE			ML	LIRIOPE X MUSCARI MAJESTIC	'MAJESTIC' LIRIOPE
SS	PICEA OMORIKA	SERBIAN SPRUCE			
DECIDUOUS SHRUB					
BMAV	VIBURNUM DENTATUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM			
GLFS	RHUS AROMATICA 'GROW-LO'	'GROW-LO' FRAGRANT SUMAC			
LHVS	ITEA VIRGINICA 'LITTLE HENRY'S'	'LITTLE HENRY'S' VIRGINIA SWEETSPIRE			
MAV	VIBURNUM DENTATUM 'MORTON'	'MORTON' ARROWWOOD VIBURNUM			
RCB	ARONIA ARBUTIFOLIA 'BRILLANTISSIMA'	RED CHOKEBERRY			

LANDSCAPE NOTES

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- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER SITE RELATED CONSTRUCTION IN ORDER TO MEET SPECIFIED PLANTING SCHEDULES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TOPSOIL PLACEMENT AND FINAL SHAPING REQUIREMENTS FOR SOD AND LANDSCAPE PLANTINGS.
- ALL PLANTING BED AREAS TO BE STAKED BY THE CONTRACTOR FOR APPROVAL BY ENGINEER PRIOR TO LANDSCAPE OPERATIONS.
- CITY STAFF TO SPACE INDIVIDUAL PLANTS WITHIN PLANTING BED AREAS AT ON-CENTER SPACING INDICATED AND MARK LOCATIONS WITH FLAGS FOR INSTALLATION BY THE CONTRACTOR.
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- REFER TO LAYOUT PLANS FOR LOCATIONS OF PLANTING BED AREAS (SHRUBS AND PERENNIALS). REFER TO IRRIGATION PLANS FOR LAYOUT OF DRIP SYSTEM IN PLANTING BED AREAS.
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LEGEND

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			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LANDSCAPE PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	80
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D8(151)
			ILLINOIS	

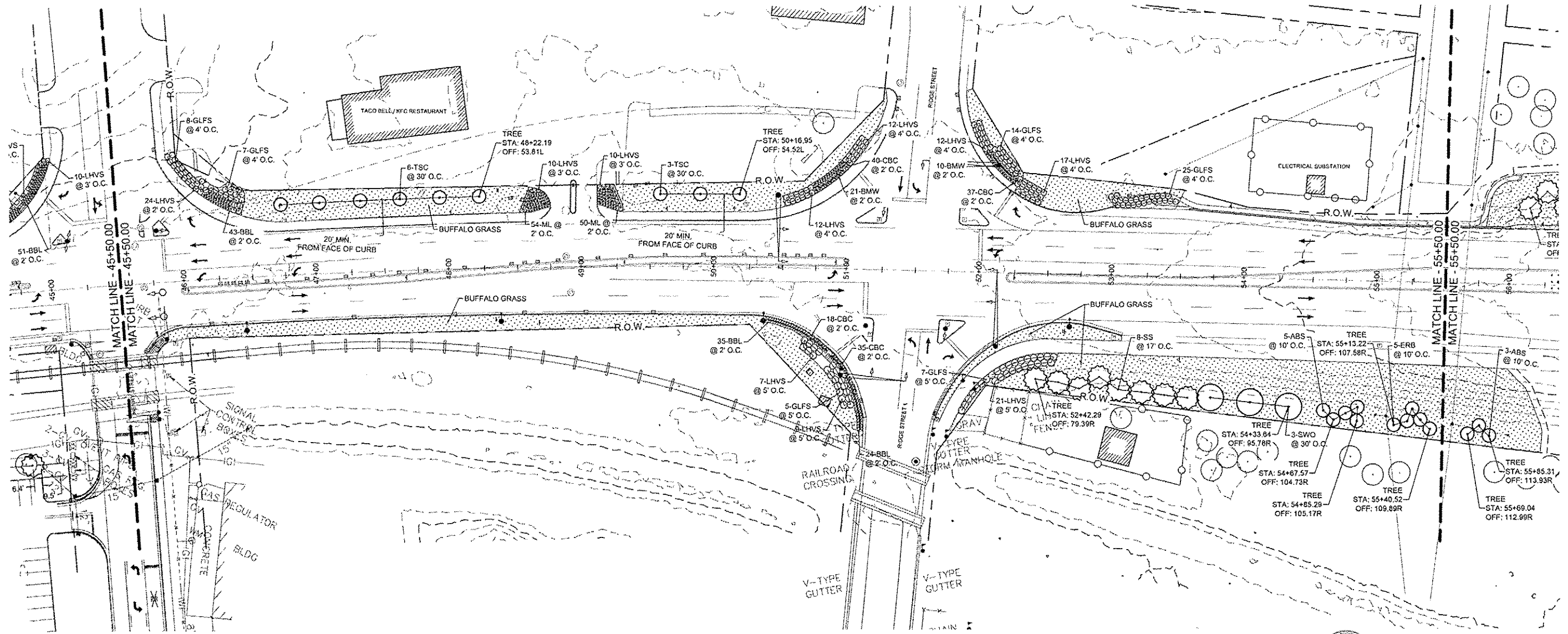
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SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
SSM	ACER RUBRUM 'SCARLET SENTINEL'	'SCARLET SENTINEL' MAPLE	CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS
INTERMEDIATE TREE			GROUND COVER		
ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLANCE'	'AUTUMN BRILLANCE' SERVICEBERRY	DBSG	PANICUM VIRGATUM 'DALLAS BLUES'	'DALLAS BLUES' SWITCHGRASS
ERB	CERCIS CANADENSIS	EASTERN RED BUD	PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
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SBM	MAGNOLIA VIRGINIANA	SWEET BAY MAGNOLIA	SSG	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS
TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE	GROUND COVER		
EVERGREEN TREE			BBL	LIRIOPE X MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE
SS	PICEA OMORIKA	SERBIAN SPRUCE	ML	LIRIOPE X MUSCARI MAJESTIC	'MAJESTIC' LIRIOPE
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**LANDSCAPE PLAN -
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	81
CONTRACT NO. 97539			PROJ. NO. SBL-TE-0008(151)	
FEDERAL AID PROJECT			ILLINOIS	

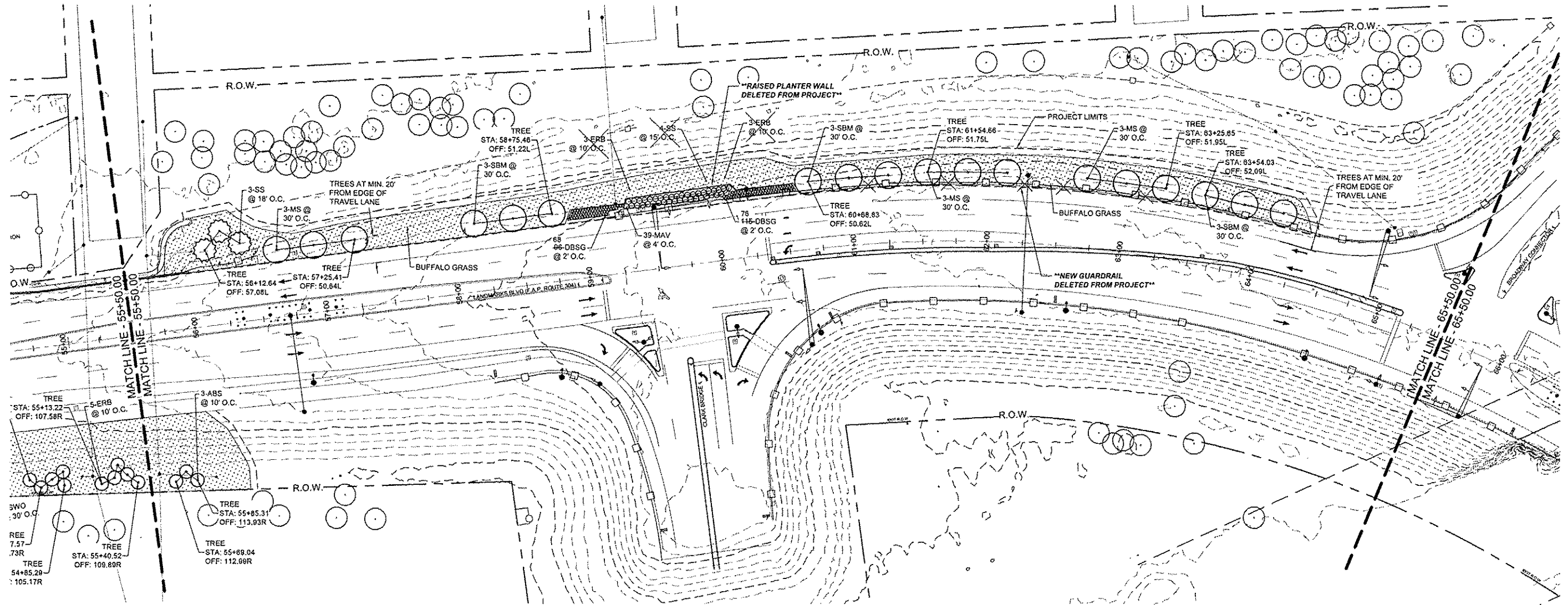
PLANT MATERIAL KEY					
KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
SHADE TREE			PERENNIAL		
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ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	'AUTUMN BRILLIANCE' SERVICEBERRY	PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
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TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE	BBL	LIRIOPE X MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE
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CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
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LANDSCAPE PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	62
FEDERAL AID PROJECT		CONTRACT NO. 97538 PROJ. NO. SBIL-TE-00D8(151) ILLINOIS		

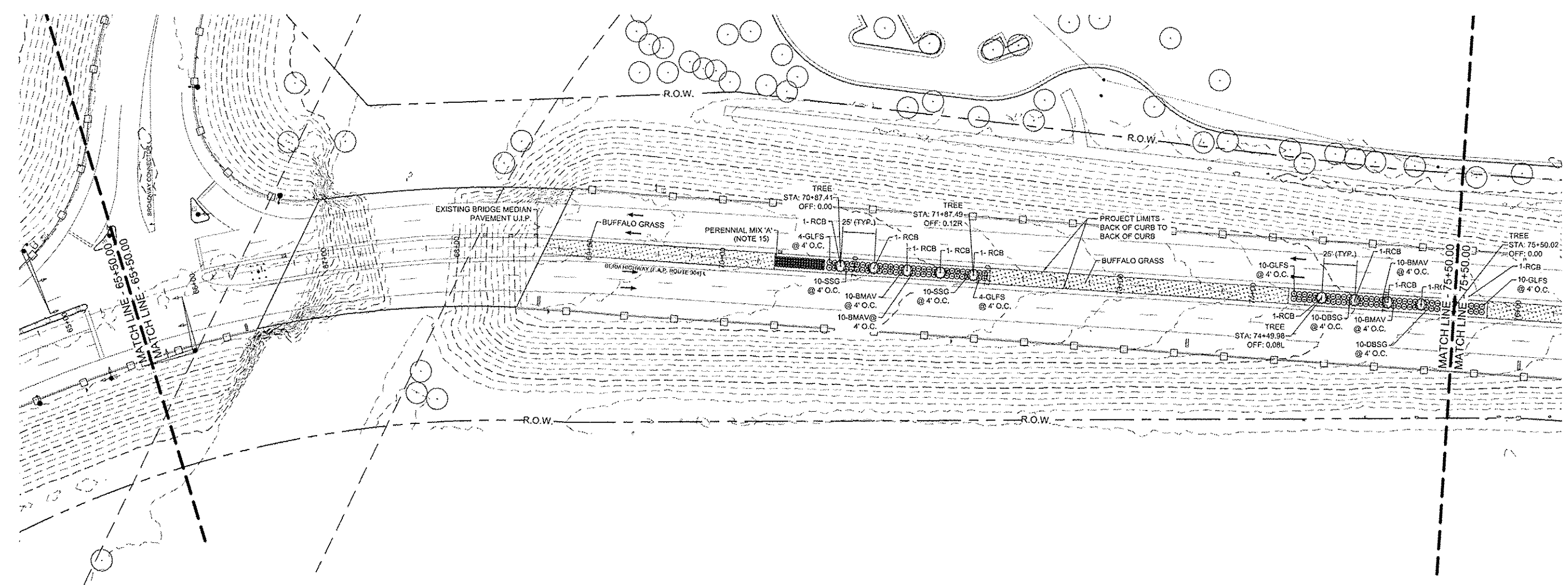
PLANT MATERIAL KEY					
KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
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- CONTRACTOR SHALL VERIFY QUANTITIES AND CONDITIONS PRIOR TO BIDDING AND IMPLEMENTATION. SUBSTITUTIONS WILL NOT BE ALLOWED FOR TYPES AND SIZES OR PLANTS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- SIZES SHOWN IN PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES. COMPLY WITH ANSI Z60.1 (CURRENT EDITION). ENGINEER RESERVES THE RIGHT TO REQUEST PHOTOS OF TAGGED PLANTS AND/OR INSPECT PLANT MATERIAL AT THE NURSERY PRIOR TO DELIVERY TO THE PROJECT SITE.
- CONTRACTOR TO COMPLY WITH ALL SPECIFIED SUBMITTAL REQUIREMENTS AND OBTAIN APPROVED SUBMITTALS PRIOR TO STARTING SOO AND LANDSCAPE PLANTING WORK.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL REQUIRE 48 HOURS ADVANCE NOTICE FROM CONTRACTOR PRIOR TO IMPLEMENTATION OF LANDSCAPE ACTIVITIES.
- THE CONTRACTOR WILL COORDINATE A FIELD REVIEW AND APPROVAL OF THE IRRIGATION SYSTEM INSTALLATION WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL CONDUCT A FINAL INSPECTION OF THE IRRIGATION SYSTEM AND THE DECORATIVE LIGHTING UNITS PRIOR TO THE CITY OF ALTON APPROVING THESE ITEMS.
- ALL AREAS INDICATED AS LAWN TO BE SOO'D BLEND OF BUFFALOGRASS (BUCHLOE DACTYLOIDES) ACCEPTABLE TO IDOT AS FOLLOWS: 'LEGACY', 'CODY', '315' OR (80-10-10) BLEND OF ALL THREE IN ORDER LISTED.
- REFER TO LAYOUT PLANS FOR LOCATIONS OF PLANTING BED AREAS (SHRUBS AND PERENNIALS). REFER TO IRRIGATION PLANS FOR LAYOUT OF DRIP SYSTEM IN PLANTING BED AREAS.
- PERENNIAL MIX 'A' TO CONSIST OF EQUAL PORTIONS OF PLANTS @ 2' O.C. AS FOLLOWS:
 - 20 - BUTTERFLY MILKWEED
 - 20 - CREME BRULEE COREOPSIS
 - 20 - 'ELTON KNIGHT' PURPLE CONEFLOWER
 - 20 - BLACKEYED SUSAN
- FIELD ADJUST PLANTINGS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

LEGEND

- *INCLUDES ITEMS BOTH INSIDE AND OUTSIDE WORK LIMITS - EXISTING ITEMS TO REMAIN UNLESS NOTED OTHERWISE
- EXISTING SIGN - USE IN PLACE, UNLESS OTHERWISE NOTED
 - EXISTING DRAIN INLET - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
 - EXISTING UTILITY BOX - USE IN PLACE
 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)



NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LANDSCAPE PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	63
CONTRACT NO. 97539			PROJ. NO. SBL-TE-0028(151)	
FEDERAL AID PROJECT			ILLINOIS	

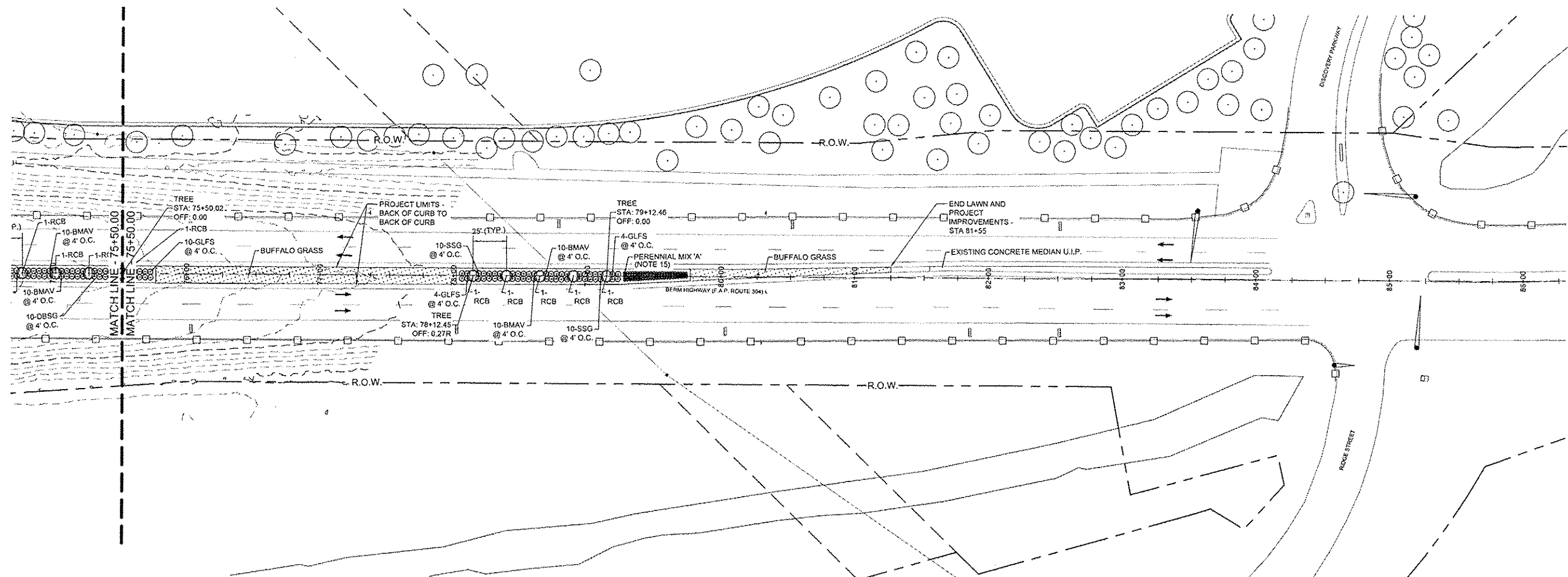
PLANT MATERIAL KEY					
KEY	BOTANICAL NAME	COMMON NAME	KEY	BOTANICAL NAME	COMMON NAME
SHADE TREE			PERENNIAL		
PSG	GINKGO BILOBA 'PRINCETON SENTRY'	'PRINCETON SENTRY' GINKGO	BES	RUDBECKIA HIRTA	BLACK-EYED SUSAN
SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED
SSM	ACER RUBRUM 'SCARLET SENTINEL'	'SCARLET SENTINEL' MAPLE	CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS
INTERMEDIATE TREE			GROUND COVER		
ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	'AUTUMN BRILLIANCE' SERVICEBERRY	DBSG	PANICUM VIRGATUM 'DALLAS BLUES'	'DALLAS BLUES' SWITCHGRASS
ERB	CERCIS CANADENSIS	EASTERN RED BUD	PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER
MS	MALUS SPP. 'SENTINEL'	MALUS 'SENTINEL' (CLUMP FORM)	PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPS EED
SBM	MAGNOLIA VIRGINIANA	SWEET BAY MAGNOLIA	SSG	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS
TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE			
EVERGREEN TREE					
SS	PICEA OMDRIKA	SERBIAN SPRUCE			
DECIDUOUS SHRUB					
BMAV	VIBURNUM DENTATUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM			
GLFS	RHUS AROMATICA 'GROW-LO'	'GROW-LO' FRAGRANT SUMAC			
LHVS	ITEA VIRGINICA 'LITTLE HENRY'S'	'LITTLE HENRY'S' VIRGINIA SWEETSPIRE			
MAV	VIBURNUM DENTATUM 'MORTON'	'MORTON' ARROWWOOD VIBURNUM			
RCB	ARONIA ARBUTIFOLIA 'BRILLANTISSIMA'	RED CHOKEBERRY			

LANDSCAPE NOTES

- ALL EXISTING VEGETATION TO REMAIN AND BE PROTECTED UNLESS NOTES OTHERWISE. DAMAGE TO VEGETATION FROM CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO SATISFACTION OF THE OWNER AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER SITE RELATED CONSTRUCTION IN ORDER TO MEET SPECIFIED PLANTING SCHEDULES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TOPSOIL PLACEMENT AND FINAL SHAPING REQUIREMENTS FOR SOD AND LANDSCAPE PLANTINGS.
- ALL PLANTING BED AREAS TO BE STAKED BY THE CONTRACTOR FOR APPROVAL BY ENGINEER PRIOR TO LANDSCAPE OPERATIONS.
- CITY STAFF TO SPACE INDIVIDUAL PLANTS WITHIN PLANTING BED AREAS AT ON-CENTER SPACING INDICATED AND MARK LOCATIONS WITH FLAGS FOR INSTALLATION BY THE CONTRACTOR.
- CONTRACTOR TO LOCATE TREES AS INDICATED BY CENTERLINE STATION AND OFFSETS, AND/OR DIMENSIONS SHOWN. MARK LOCATIONS WITH FLAGS FOR APPROVAL BY ENGINEER. MAINTAIN 10' MINIMUM SETBACK FROM EDGE OF DRIVING LANE TO FACE OF THE TREE TRUNK UNLESS OTHERWISE NOTED.
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- REFER TO LAYOUT PLANS FOR LOCATIONS OF PLANTING BED AREAS (SHRUBS AND PERENNIALS). REFER TO IRRIGATION PLANS FOR LAYOUT OF DRIP SYSTEM IN PLANTING BED AREAS.
- PERENNIAL MIX 'A' TO CONSIST OF EQUAL PORTIONS OF PLANTS @ 2' O.C. AS FOLLOWS:
 - 20 - BUTTERFLY MILKWEED
 - 20 - CREME BRULEE COREOPSIS
 - 20 - 'ELTON KNIGHT' PURPLE CONEFLOWER
 - 20 - BLACKEYED SUSAN
- FIELD ADJUST PLANTINGS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

LEGEND

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 - EXISTING TRAFFIC SIGNAL PULL BOX - USE IN PLACE
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 - EXISTING MANHOLE - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
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 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W.) TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE



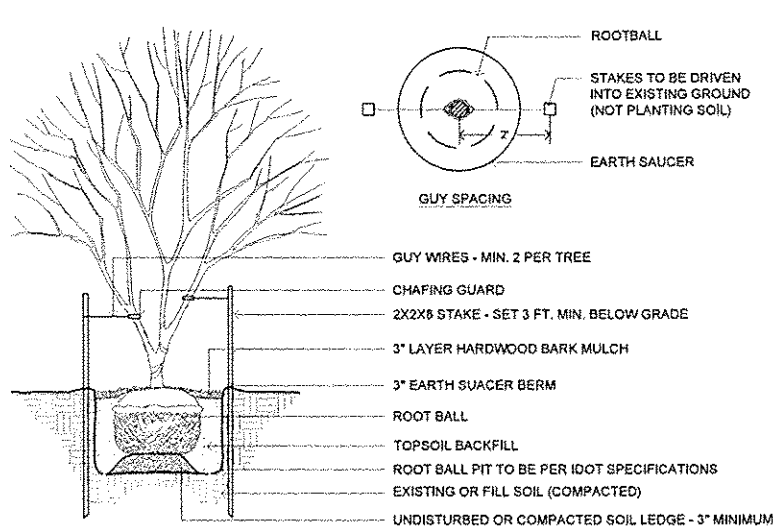
NO.	REVISION	DATE	DATE:
			01/29/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

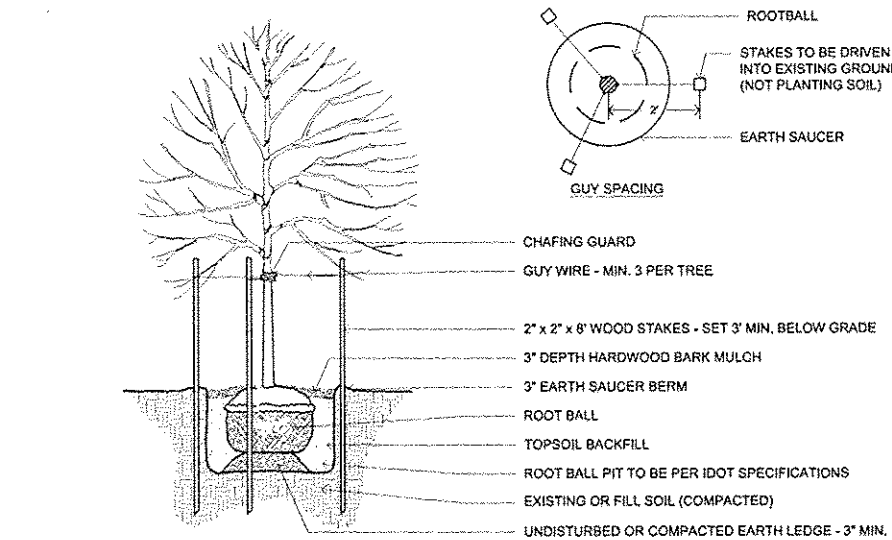
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LANDSCAPE PLAN - BRIDGE WEST

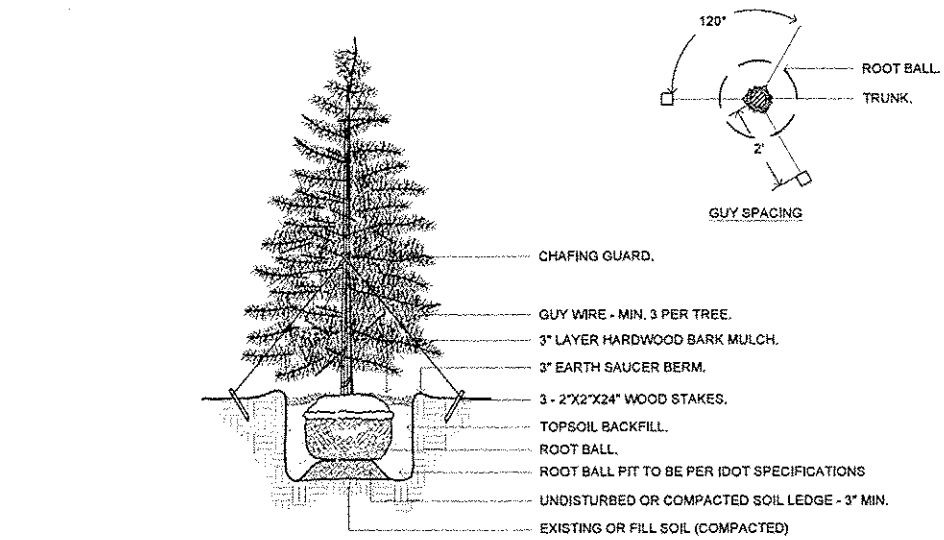
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10-00229-01-LS		MADISON	84	84
FEDERAL AID PROJECT		CONTRACT NO. 97539 PROJ. NO. SBIL-TE-00D8(151) ILLINOIS		



1 53 INTERMEDIATE TREE PLANTING SECTION

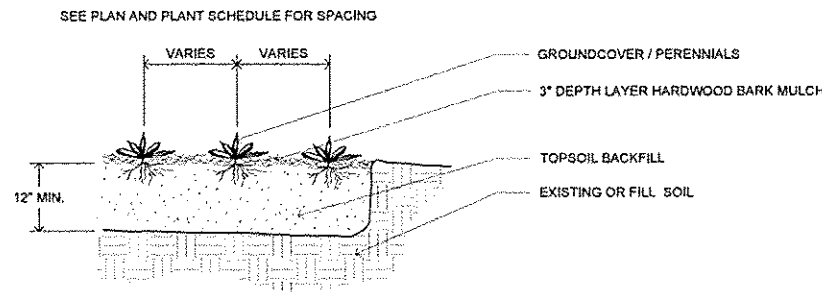


08a-001 NTS 2 53 SHADE TREE PLANTING PLAN & SECTION

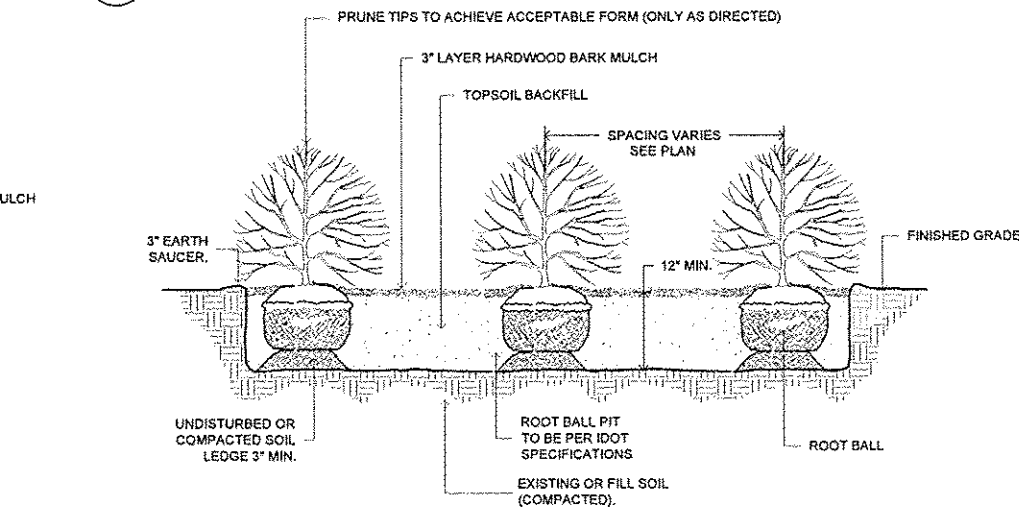


08a-003 NTS 3 53 EVERGREEN TREE PLANTING SECTION

08a-002 NTS



4 53 GROUNDCOVER AND PERENNIAL PLANTING SECTION



08a-006a NTS 5 53 DECIDUOUS SHRUB PLANTING SECTION

08a-004 NTS

PLANT MATERIAL SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	MATURE HT.	MATURE SPREAD	SIZE & CONDITION	SHEET 58	SHEET 59	SHEET 60	SHEET 61	SHEET 62	SHEET 63	SHEET 64	TOTAL
SHADE TREE													
PSG	GINKGO BILOBA 'PRINCETON SENTRY'	'PRINCETON SENTRY' GINKGO	40'	20'	2" CAL B&B	7	-	-	-	-	-	-	7
SWO	QUERCUS BICOLOR	SWAMP WHITE OAK	50'	50'	2" CAL B&B	-	-	-	3	-	-	-	3
SSM	ACER RUBRUM 'SCARLET SENTINEL'	'SCARLET SENTINEL' MAPLE	40'	30'	2" CAL B&B	2	-	-	-	-	-	-	2
INTERMEDIATE TREE													
ABS	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	'AUTUMN BRILLIANCE' SERVICEBERRY	15'	15'	2" CAL B&B	-	-	-	5	3	-	-	8
ERB	CERCIS CANADENSIS	EASTERN RED BUD	20'	25'	2" CAL B&B	3	-	-	5	-	0	-	8
MS	MALUS SPP. 'SENTINEL'	MALUS 'SENTINEL' (CLUMP FORM)	20'	10'	7" HT. B&B	-	-	-	-	9	-	-	9
SBM	MAGNOLIA VIRGINIANA	SWEET BAY MAGNOLIA	20'	15'	2" CAL B&B	-	-	-	-	9	-	-	9
TSC	MALUS SARGENTII 'TINA'	'TINA' SARGENT CRABAPPLE	8'	8'	2" CAL B&B	-	-	-	9	-	-	-	9
EVERGREEN TREE													
SS	PICEA OMORIKA	SERBIAN SPRUCE	40'	15'	8" HT. B&B	3	-	6	8	-	3	-	24

KEY	BOTANICAL NAME	COMMON NAME	MATURE HT.	MATURE SPREAD	SIZE & CONDITION	SHEET 58	SHEET 59	SHEET 60	SHEET 61	SHEET 62	SHEET 63	SHEET 64	TOTAL
DECIDUOUS SHRUB													
BMAV	VIBURNUM DENTATUM 'BLUE MUFFIN'	'BLUE MUFFIN' ARROWWOOD VIBURNUM	5'	4'	2" HT. CONT.	-	-	-	-	-	-	40	20
GLFS	RHUS AROMATICA 'GROW-LO'	'GROW-LO' FRAGRANT SUMAC	2'	8'	2-GAL POT	19	-	-	66	-	18	18	121
LHVS	ITEA VIRGINICA 'LITTLE HENRY'S'	'LITTLE HENRY'S' VIRGINIA SWEETSPIRE	2'	2.5'	5-GAL POT	-	-	20	134	-	-	-	154
MAV	VIBURNUM DENTATUM 'MORTON'	'MORTON' ARROWWOOD VIBURNUM	10'	10'	3" HT. B&B	-	-	-	-	38	-	-	38
RCB	ARONIA ARBUTIFOLIA 'BRILLANTISSIMA'	RED CHOKEBERRY	7'	4'	3" HT. B&B	5	3	10	-	-	10	5	33
PERENNIAL													
BES	RUDBECKIA HIRTA	BLACK-EYED SUSAN	2'	1'	QT. POT	-	-	-	-	-	20	20	40
BMW	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	2.5'	1.5'	QT. POT	-	-	-	31	-	20	20	71
CBC	COREOPSIS 'CREME BRULEE'	'CREME BRULEE' COREOPSIS	1.5'	3'	QT. POT	-	-	-	130	-	20	20	170
DSSG	PANICUM VIRGATUM 'DALLAS BLUES'	'DALLAS BLUES' SWITCHGRASS	8'	3'	1-GAL POT	-	-	-	-	144	20	-	164
PCF	ECHINACEA PURPUREA 'ELTON KNIGHT'	'ELTON KNIGHT' PURPLE CONEFLOWER	2'	1.5'	QT. POT	-	-	-	-	-	20	20	40
PDS	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	3'	3'	1-GAL POT	-	-	30	-	-	-	-	30
SSG	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS	4'	4'	1-GAL POT	-	-	-	-	-	20	20	40
GROUNDCOVER													
BBL	LIRIOPE X MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE	2'	2'	1-GAL POT	60	-	85	102	-	-	-	277
ML	LIRIOPE X MUSCARI MAJESTIC	'MAJESTIC' LIRIOPE	1.5'	1.5'	1-GAL POT	-	-	-	104	-	-	-	104
SEED - BUFFALOGRASS													
REFER TO SPECIFICATIONS													

8620 SY

NO.	REVISION	DATE	DATE: 01/28/2015
			DRAWN BY: GGS/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

LANDSCAPE DETAILS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-L5	MADISON	84	65
FEDERAL AID PROJECT			ILLINOIS	

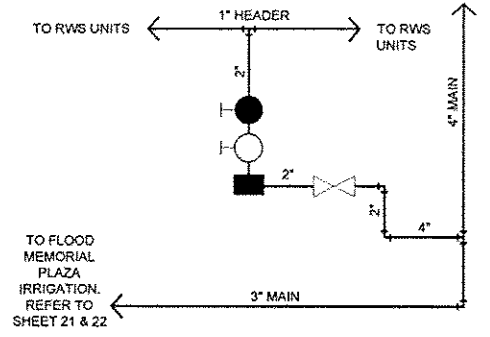
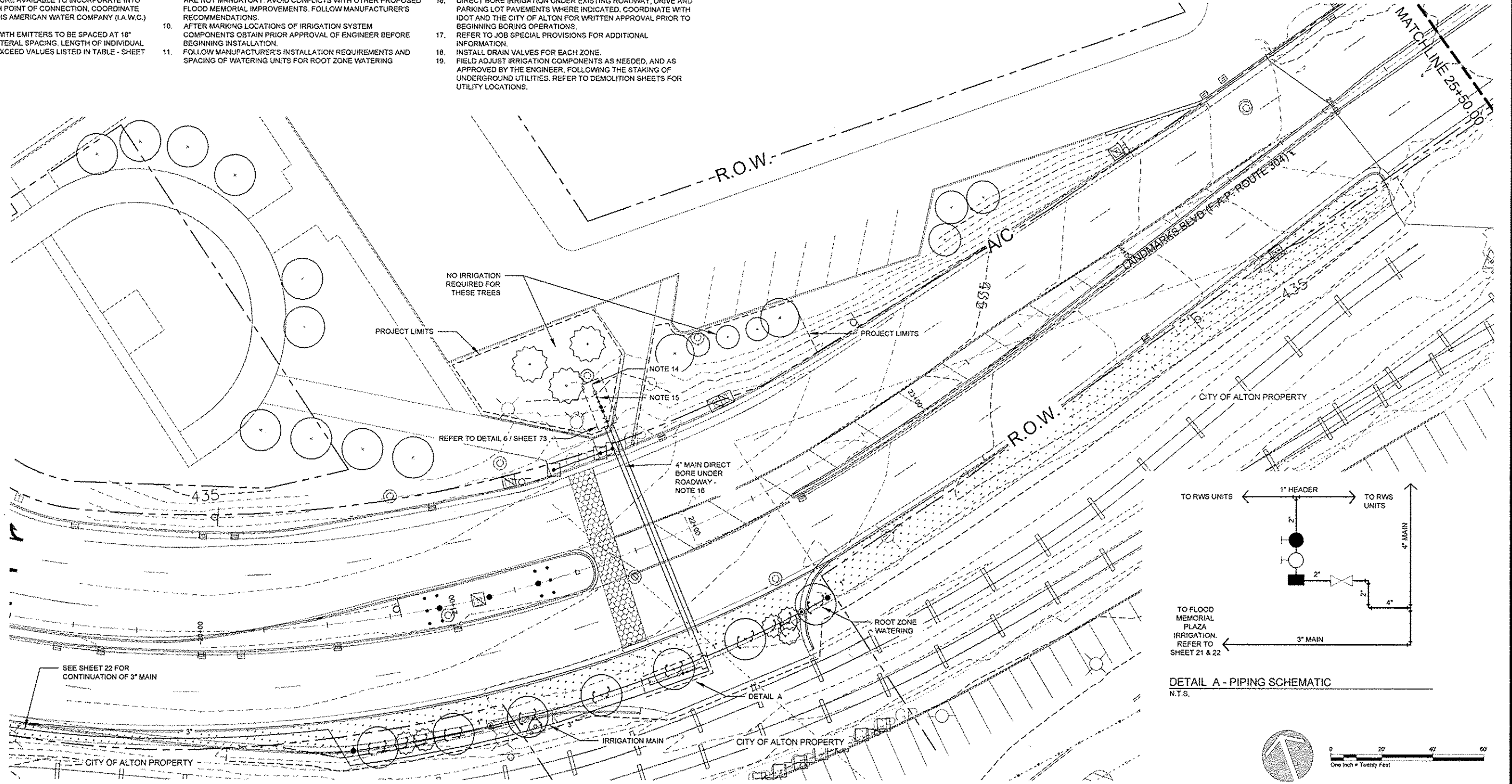
IRRIGATION SYSTEM NOTES

1. IRRIGATION SYSTEM LAYOUT AND COMPONENTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL PREPARE FINAL SHOP DRAWING SUBMITTAL OF IRRIGATION SYSTEM DESIGN FOR APPROVAL TO PROVIDE A COMPLETE AND PROPERLY OPERATIONAL SYSTEM. SYSTEM COMPONENTS TO INCLUDE ALL ITEMS FOR PROPER OPERATION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - 1.1. IRRIGATION DISTRIBUTION MAINS
 - 1.2. SYSTEM VALVES (SYSTEM SHUTOFF, ZONE CONTROLS, SYSTEM FLUSH, AIR RELIEF, DRAIN & ISOLATION VALVES, AND REDUCED PRESSURE BACKFLOW PROTECTION DEVICES, ETC.)
 - 1.3. BLANK, DISTRIBUTION DRIP TUBING
 - 1.4. DRIP TUBING WITH SELF-CLEANING, PRESSURE REGULATION EMITTERS @ 12" ON-CENTER
 - 1.5. ROOT ZONE WATERING SYSTEM COMPONENTS WITH EMITTERS AT INDIVIDUAL TREE LOCATIONS
 - 1.6. INCIDENTAL ITEMS SUCH AS VALVE BOXES, DRIP TUBING ANCHORS, FITTINGS, ETC.
2. CONTRACTOR SHALL FIELD VERIFY SYSTEM OPERATIONAL AND RESIDUAL WATER PRESSURE AVAILABLE TO INCORPORATE INTO SYSTEM DESIGN AT EACH POINT OF CONNECTION, COORDINATE FLOW TESTS WITH ILLINOIS AMERICAN WATER COMPANY (I.A.W.C.) AND THE CITY OF ALTON.
3. DRIP TUBING LATERALS WITH EMITTERS TO BE SPACED AT 18" ON-CENTER MAXIMUM LATERAL SPACING. LENGTH OF INDIVIDUAL LATERAL RUNS NOT TO EXCEED VALUES LISTED IN TABLE - SHEET 73.
4. IRRIGATION DISTRIBUTION MAINS TO BE INSTALLED AT 18" MINIMUM BELOW FINISH GRADE. PROVIDE WARNING TAPE WITH INTEGRAL TRACE WIRE IN TRENCH. PLACE WARNING TAPE 6" MINIMUM BELOW FINISH GRADE.
5. INSTALL BLANK DRIP TUBING 12" MINIMUM BELOW FINISH GRADE WITH DETECTABLE WARNING TAPE IN TRENCH. INSTALL DRIP TUBING WITH EMITTERS IN THE TOP 3" OF SOIL IN PLANTING BEDS. COVER SOIL WITH 3" MINIMUM DEPTH OF WOOD BARK MULCH.
6. INSTALL 4" DIA. X 18" DEEP ROOT WATERING SYSTEM COMPONENTS PER MANUFACTURER'S INSTRUCTIONS. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
7. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
8. INSTALL DRAIN VALVES FOR EACH ZONE.
9. LOCATIONS SHOWN FOR IRRIGATION SYSTEM COMPONENTS ARE DIAGRAMMATIC IN NATURE EXCEPT WHERE DIMENSIONS ARE SHOWN. CONTRACTOR SHALL COORDINATE WITH CITY STAFF TO MARK THE PROPOSED LOCATIONS OF COMPONENTS ARRANGED IN SEQUENCE AND APPROXIMATE LOCATIONAL ARRANGEMENTS INDICATED. GROUP/SPACE ITEMS FOR EASE OF MAINTENANCE AND IN AN ORGANIZED AND LOGICAL MANNER. DETAILED LOCATIONS ARE NOT MANDATORY. AVOID CONFLICTS WITH OTHER PROPOSED FLOOD MEMORIAL IMPROVEMENTS. FOLLOW MANUFACTURER'S RECOMMENDATIONS.
10. AFTER MARKING LOCATIONS OF IRRIGATION SYSTEM COMPONENTS OBTAIN PRIOR APPROVAL OF ENGINEER BEFORE BEGINNING INSTALLATION.
11. FOLLOW MANUFACTURER'S INSTALLATION REQUIREMENTS AND SPACING OF WATERING UNITS FOR ROOT ZONE WATERING

12. COMPONENTS INDICATED FOR INDIVIDUAL PLANT LOCATIONS. FIELD MARK FOR APPROVAL PER NOTE 9.
13. REFER TO LAYOUT PLANS FOR LOCATION OF PERIMETER LIMITS OF LANDSCAPE PLANTING BEDS. LOCATE DRIP TUBING EMITTERS AT 18" O.C. MAXIMUM BETWEEN TUBING RUNS. LOCATE TUBING TO PROVIDE EQUAL DISTRIBUTION OF WATER THROUGHOUT ENTIRE BED AREA. REFER TO NOTE 3 REGARDING LENGTH OF TUBING RUNS.
14. WHERE IRRIGATION MAINS ARE SHOWN LOCATED TOWARD THE BACK OF THE RIGHT OF WAY (R.O.W.), INSTALL MAINS AT A MINIMUM OF 3' INSIDE THE R.O.W. FOR TRENCHING CLEARANCE.
15. FIELD VERIFY LOCATION OF EXISTING WATER MAINS AT ALL TAP LOCATIONS WITH I.A.W.C. CONTACT 618-466-2131.
16. I.A.W.C. TO TAP EXISTING MAIN, PROVIDE AND INSTALL WATER METER PIT AND METER AT EACH IRRIGATION SYSTEM TAP LOCATION, AND PROVIDE TERMINATION THAT WILL SERVE AS THE CONTRACTOR'S POINT OF CONNECTION (P.O.C). CONTRACTOR SHALL COORDINATE WITH I.A.W.C. FOR SCHEDULING THE WATER MAIN TAPS.
17. DIRECT BORE IRRIGATION UNDER EXISTING ROADWAY, DRIVE AND PARKING LOT PAVEMENTS WHERE INDICATED. COORDINATE WITH IDOT AND THE CITY OF ALTON FOR WRITTEN APPROVAL PRIOR TO BEGINNING BORING OPERATIONS.
18. REFER TO JOB SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
19. INSTALL DRAIN VALVES FOR EACH ZONE.
20. FIELD ADJUST IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

LEGEND

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 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
 - EXISTING BENCH - REMOVE AND REINSTALL (FLOOD MEMORIAL)
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING GUARDRAIL - USE IN PLACE
 - EXISTING TREE - USE IN PLACE
 - EXISTING RIGHT-OF-WAY (R.O.W. TO SERVE AS PROJECT / CONSTRUCTION LIMITS, EXCEPT WHERE NOTED OTHERWISE)
 - METER
 - MAIN SHUT OFF VALVE
 - BACKFLOW PREVENTER
 - ISOLATION VALVE
 - ZONE VALVE
 - FLUSH VALVE
 - AIR RELIEF VALVE
 - IRRIGATION PIPE
 - DRIP TUBING W/ EMITTERS @ 12" O.C.
 - ROOT ZONE WATERING COMPONENTS
 - QUICK COUPLER VALVE



NO.	REVISION	DATE	DATE:
			01/28/2015
			DRAWN BY:
			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

IRRIGATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	66
		CONTRACT NO. 97539		PROJ. NO. SBIL-TE-0008(151)
FEDERAL AID PROJECT		ILLINOIS		

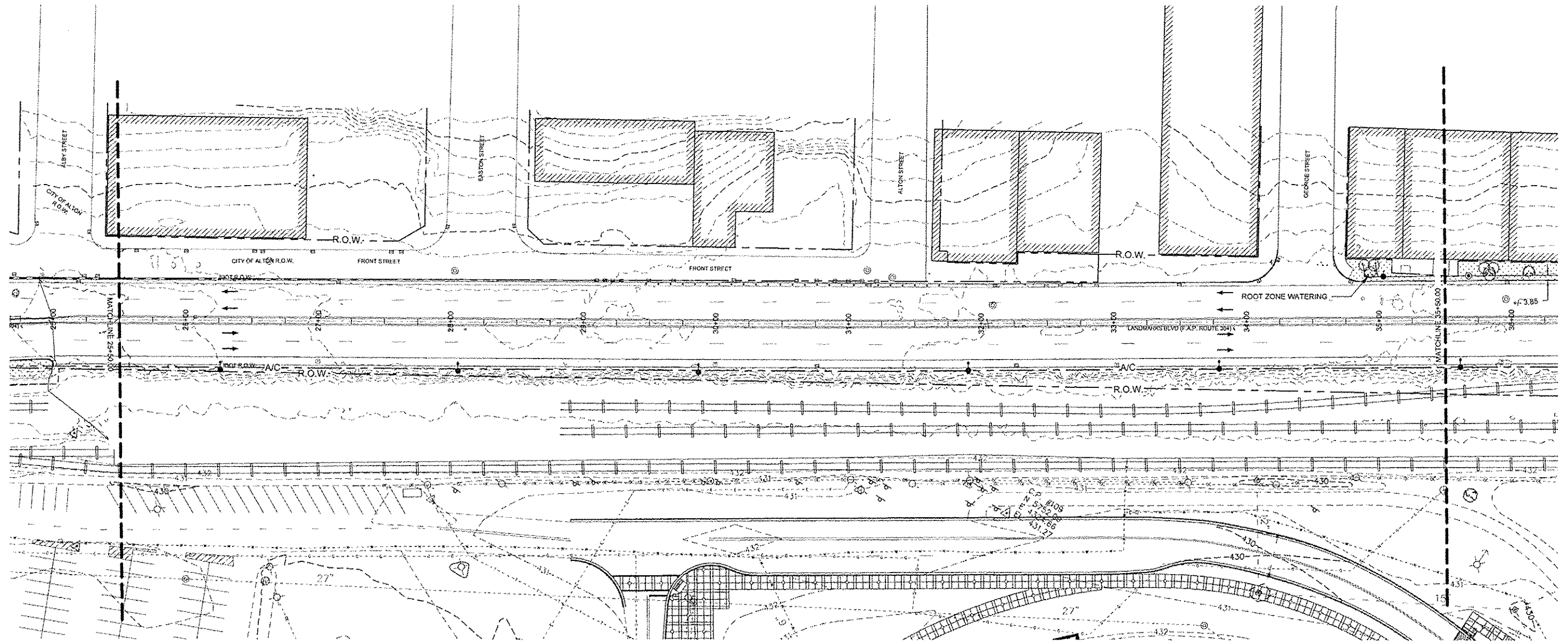
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 - 1.3. BLANK, DISTRIBUTION DRIP TUBING
 - 1.4. DRIP TUBING WITH SELF-CLEANING, PRESSURE REGULATION EMITTERS @ 12" ON-CENTER
 - 1.5. ROOT ZONE WATERING SYSTEM COMPONENTS WITH EMITTERS AT INDIVIDUAL TREE LOCATIONS
 - 1.6. INCIDENTAL ITEMS SUCH AS VALVE BOXES, DRIP TUBING ANCHORS, FITTINGS, ETC.
2. CONTRACTOR SHALL FIELD VERIFY SYSTEM OPERATIONAL AND RESIDUAL WATER PRESSURE AVAILABLE TO INCORPORATE INTO SYSTEM DESIGN AT EACH POINT OF CONNECTION. COORDINATE FLOW TESTS WITH ILLINOIS AMERICAN WATER COMPANY (I.A.W.C.) AND THE CITY OF ALTON.
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NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**IRRIGATION PLAN -
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	67
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-00D8(151)		
FEDERAL AID PROJECT		ILLINOIS		

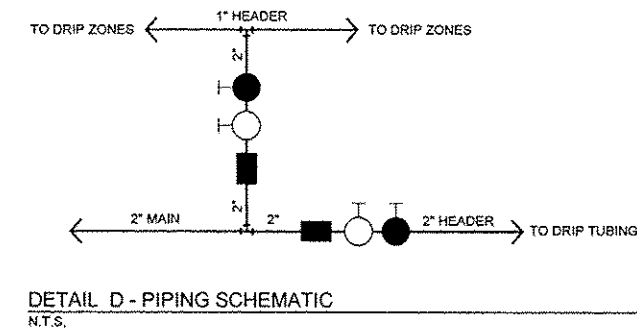
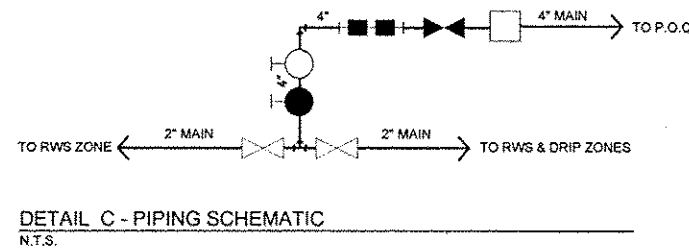
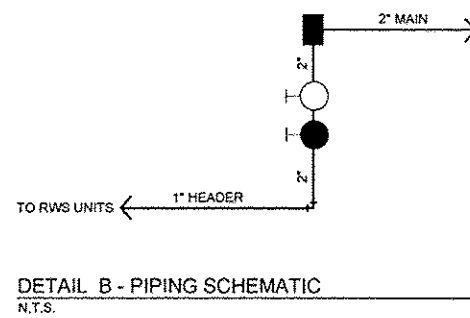
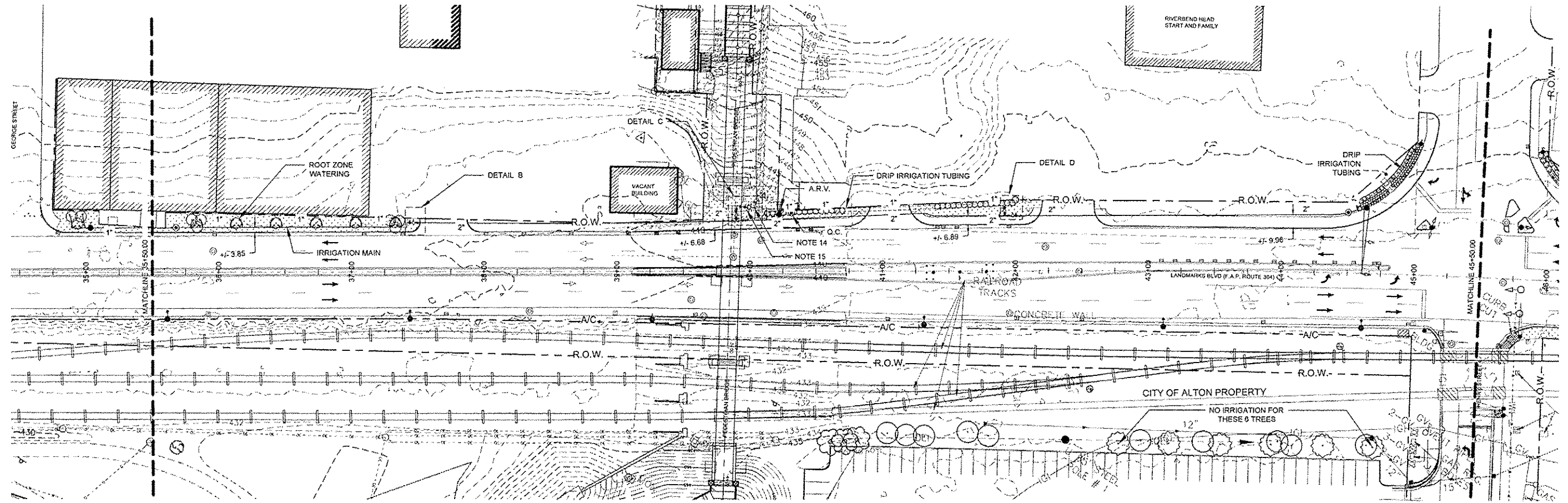
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BRIDGE WEST**

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PROJ. NO. SBIL-TE-0008(151)				
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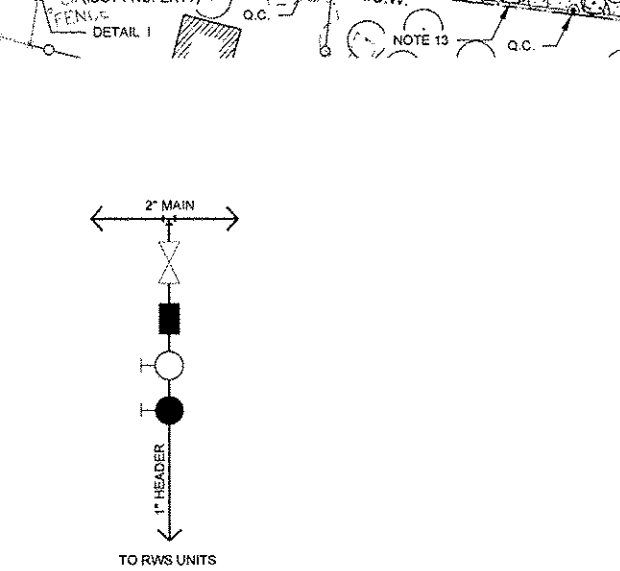
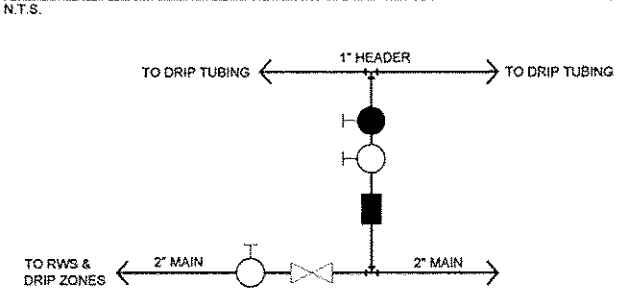
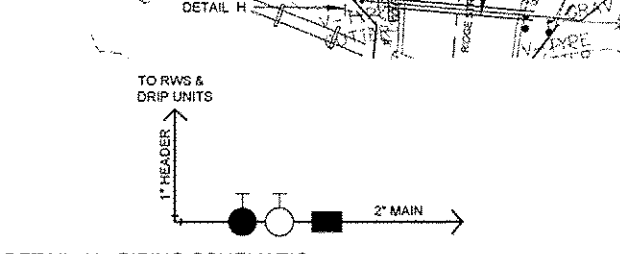
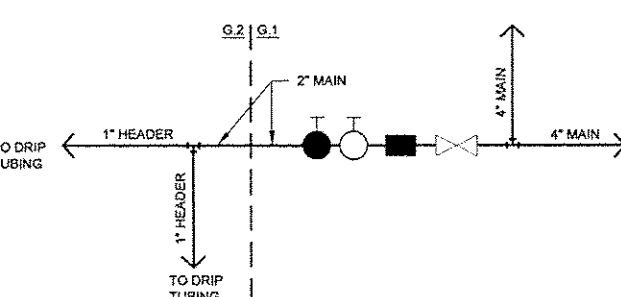
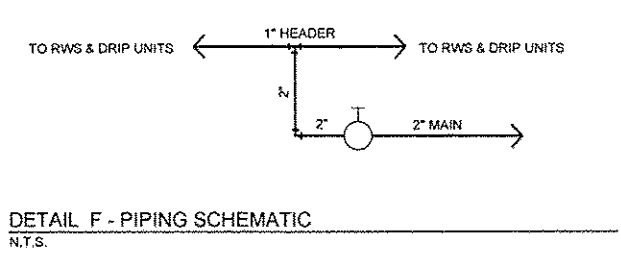
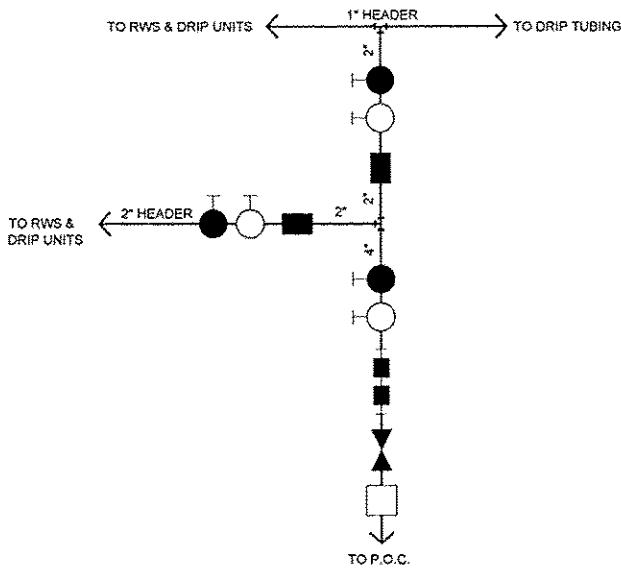
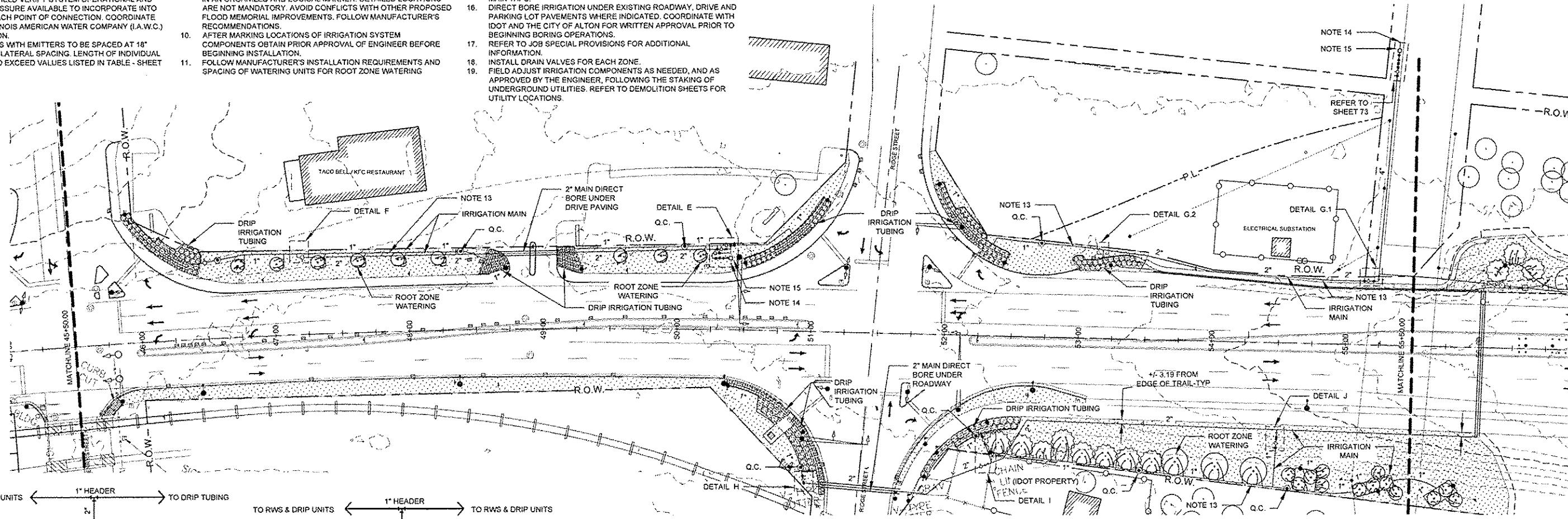
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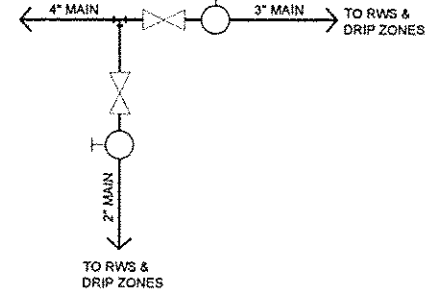
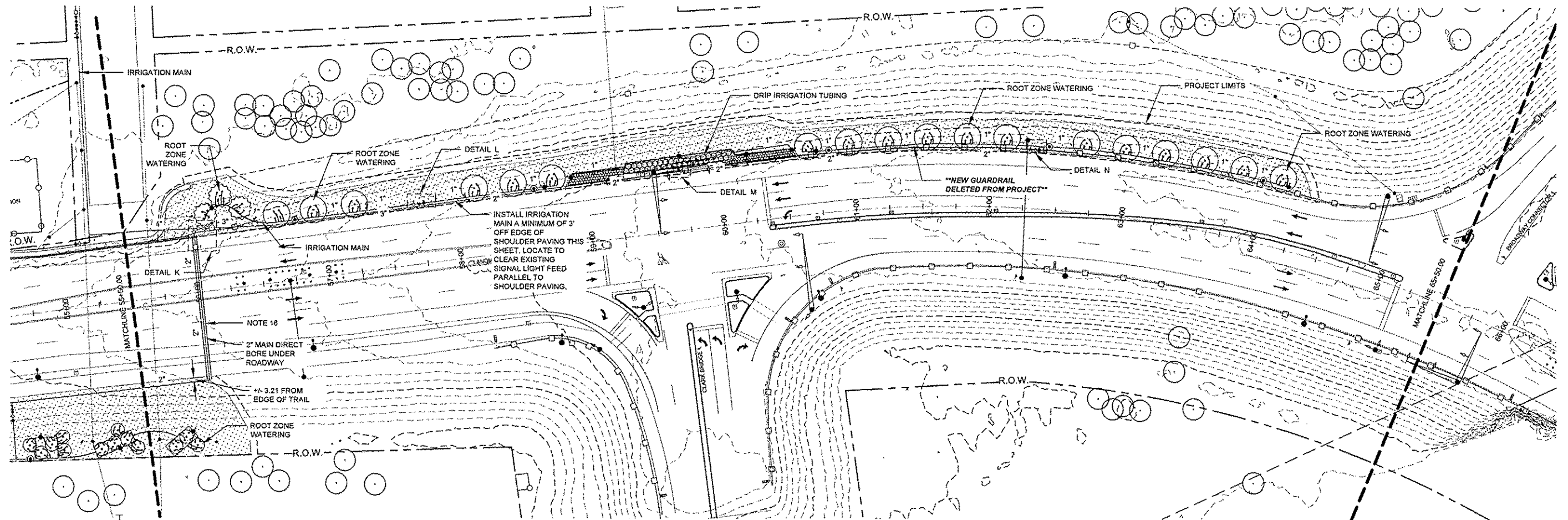
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9. AFTER MARKING LOCATIONS OF IRRIGATION SYSTEM COMPONENTS OBTAIN PRIOR APPROVAL OF ENGINEER BEFORE BEGINNING INSTALLATION.
10. FOLLOW MANUFACTURER'S INSTALLATION REQUIREMENTS AND SPACING OF WATERING UNITS FOR ROOT ZONE WATERING

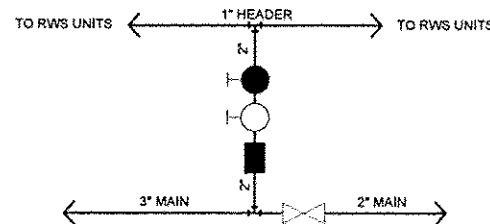
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14. FIELD VERIFY LOCATION OF EXISTING WATER MAINS AT ALL TAP LOCATIONS WITH I.A.W.C. CONTACT 618-465-2131.
15. I.A.W.C. TO TAP EXISTING MAIN, PROVIDE AND INSTALL WATER METER PIT AND METER AT EACH IRRIGATION SYSTEM TAP LOCATION, AND PROVIDE TERMINATION THAT WILL SERVE AS THE CONTRACTOR'S POINT OF CONNECTION (P.O.C). CONTRACTOR SHALL COORDINATE WITH I.A.W.C. FOR SCHEDULING THE WATER MAIN TAPS.
16. DIRECT BORE IRRIGATION UNDER EXISTING ROADWAY, DRIVE AND PARKING LOT PAVEMENTS WHERE INDICATED. COORDINATE WITH IDOT AND THE CITY OF ALTON FOR WRITTEN APPROVAL PRIOR TO BEGINNING BORING OPERATIONS.
17. REFER TO JOB SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
18. INSTALL DRAIN VALVES FOR EACH ZONE.
19. FIELD ADJUST IRRIGATION COMPONENTS AS NEEDED, AND AS APPROVED BY THE ENGINEER, FOLLOWING THE STAKING OF UNDERGROUND UTILITIES. REFER TO DEMOLITION SHEETS FOR UTILITY LOCATIONS.

LEGEND

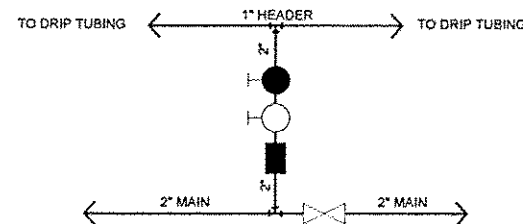
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 - EXISTING TRAFFIC SIGNAL (ON POST) - USE IN PLACE
 - EXISTING TRAFFIC SIGNAL (ON ARM) - USE IN PLACE
 - EXISTING STREET LIGHT - USE IN PLACE
 - EXISTING POWER / UTILITY POLE - USE IN PLACE
 - EXISTING STEEL BEAM POST - REMOVE (FLOOD MEMORIAL)
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 - METER
 - MAIN SHUT OFF VALVE
 - BACKFLOW PREVENTER
 - ISOLATION VALVE
 - ZONE VALVE
 - FLUSH VALVE
 - AIR RELIEF VALVE
 - IRRIGATION PIPE
 - DRIP TUBING W/ EMITTERS @ 12" O.C.
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 - QUICK COUPLER VALVE



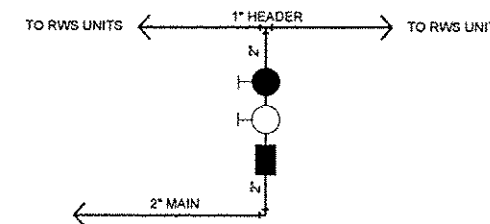
DETAIL K - PIPING SCHEMATIC
N.T.S.



DETAIL L - PIPING SCHEMATIC
N.T.S.



DETAIL M - PIPING SCHEMATIC
N.T.S.



DETAIL N - PIPING SCHEMATIC
N.T.S.



NO.	REVISION	DATE	DATE:
			01/29/2015
			DRAWN BY: GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**IRRIGATION PLAN -
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	70
FEDERAL AID PROJECT		ILLINOIS		

CONTRACT NO. 97539
PROJ. NO. SBIL-TE-00D6(151)

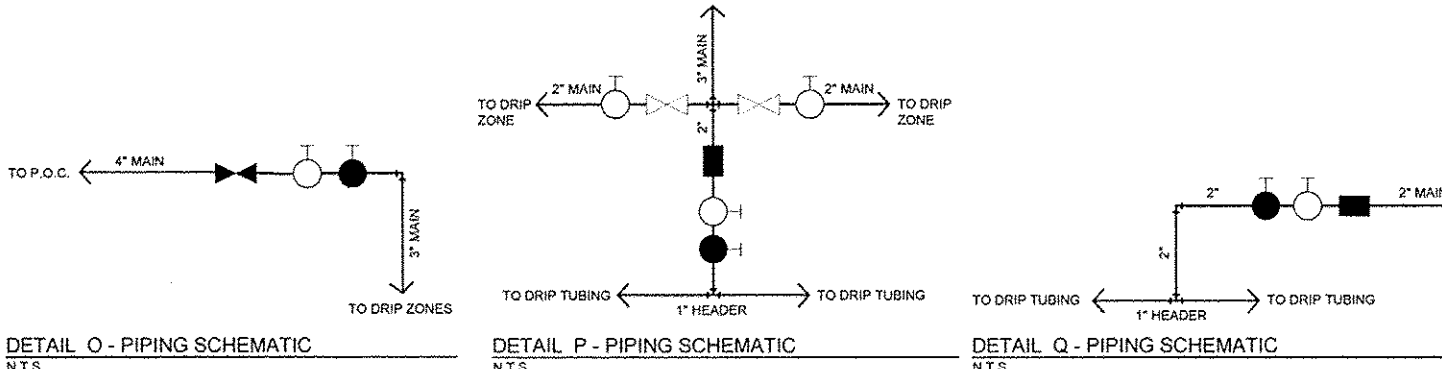
IRRIGATION SYSTEM NOTES

1. IRRIGATION SYSTEM LAYOUT AND COMPONENTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL PREPARE FINAL SHOP DRAWING SUBMITTAL OF IRRIGATION SYSTEM DESIGN FOR APPROVAL TO PROVIDE A COMPLETE AND PROPERLY OPERATIONAL SYSTEM. SYSTEM COMPONENTS TO INCLUDE ALL ITEMS FOR PROPER OPERATION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - 1.1. IRRIGATION DISTRIBUTION MAINS
 - 1.2. SYSTEM VALVES (SYSTEM SHUTOFF, ZONE CONTROLS, SYSTEM FLUSH, AIR RELIEF, DRAIN & ISOLATION VALVES, AND REDUCED PRESSURE BACKFLOW PROTECTION DEVICES, ETC.)
 - 1.3. BLANK, DISTRIBUTION DRIP TUBING
 - 1.4. DRIP TUBING WITH SELF-CLEANING, PRESSURE REGULATION EMITTERS @ 12" ON-CENTER
 - 1.5. ROOT ZONE WATERING SYSTEM COMPONENTS WITH EMITTERS AT INDIVIDUAL TREE LOCATIONS
 - 1.6. INCIDENTAL ITEMS SUCH AS VALVE BOXES, DRIP TUBING ANCHORS, FITTINGS, ETC.
2. CONTRACTOR SHALL FIELD VERIFY SYSTEM OPERATIONAL AND RESIDUAL WATER PRESSURE AVAILABLE TO INCORPORATE INTO SYSTEM DESIGN AT EACH POINT OF CONNECTION. COORDINATE FLOW TESTS WITH ILLINOIS AMERICAN WATER COMPANY (I.A.W.C.) AND THE CITY OF ALTON.
3. DRIP TUBING LATERALS WITH EMITTERS TO BE SPACED AT 18" ON-CENTER MAXIMUM LATERAL SPACING. LENGTH OF INDIVIDUAL LATERAL RUNS NOT TO EXCEED VALUES LISTED IN TABLE - SHEET 73.
4. IRRIGATION DISTRIBUTION MAINS TO BE INSTALLED AT 18" MINIMUM BELOW FINISH GRADE. PROVIDE WARNING TAPE WITH INTEGRAL TRACE WIRE IN TRENCH. PLACE WARNING TAPE 8" MINIMUM BELOW FINISH GRADE.
5. INSTALL BLANK DRIP TUBING 12" MINIMUM BELOW FINISH GRADE WITH DETECTABLE WARNING TAPE IN TRENCH. INSTALL DRIP TUBING WITH EMITTERS IN THE TOP 3" OF SOIL IN PLANTING BEDS. COVER SOIL WITH 3" MINIMUM DEPTH OF WOOD BARK MULCH.
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LEGEND

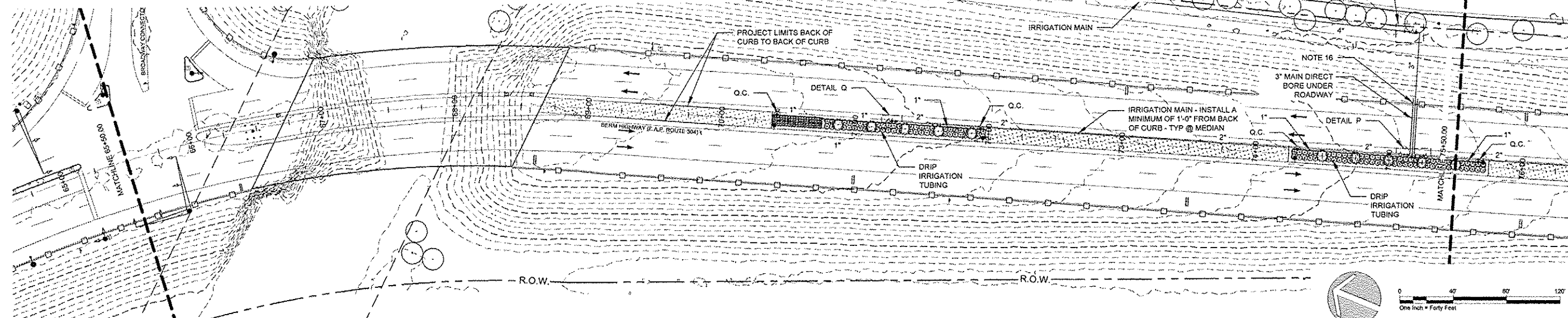
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DETAIL O - PIPING SCHEMATIC
N.T.S.

DETAIL P - PIPING SCHEMATIC
N.T.S.

DETAIL Q - PIPING SCHEMATIC
N.T.S.



NOTE:
CONTRACTOR TO HAVE PROPERTY MANAGER LOCATE THE LAWN IRRIGATION IN THE LANDSCAPE ISLANDS AND THE ELECTRICAL SERVICE TO MEMORIAL PARK. CONTACT WAYNE WEIDEMANN WITH CLARK PROPERTIES (314) 389-8922.

NO.	REVISION	DATE	DATE:
			01/28/2015
DRAWN BY:			GGV/SBT

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

IRRIGATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	71
CONTRACT NO. 97539			PROJ. NO. SBIL-TE-00D8(151)	
FEDERAL AID PROJECT			ILLINOIS	

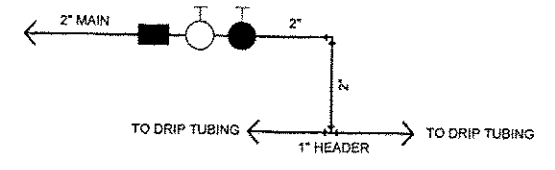
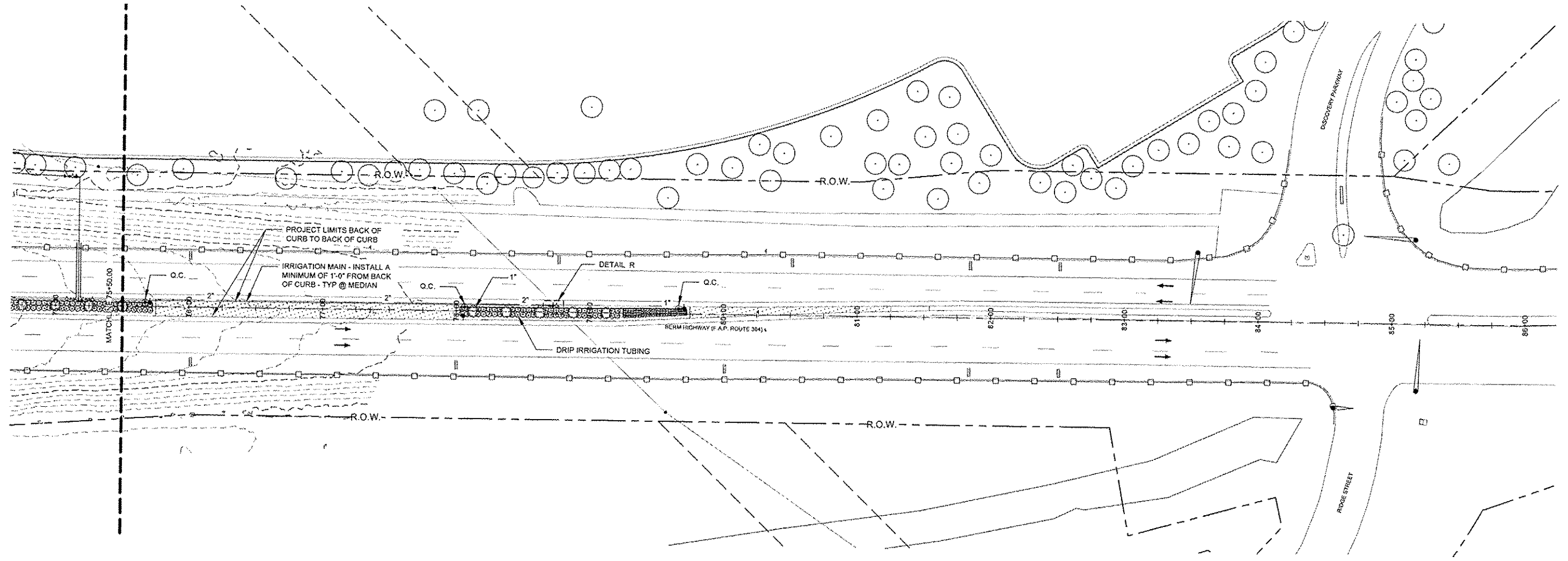
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DETAIL R - PIPING SCHEMATIC
N.T.S.



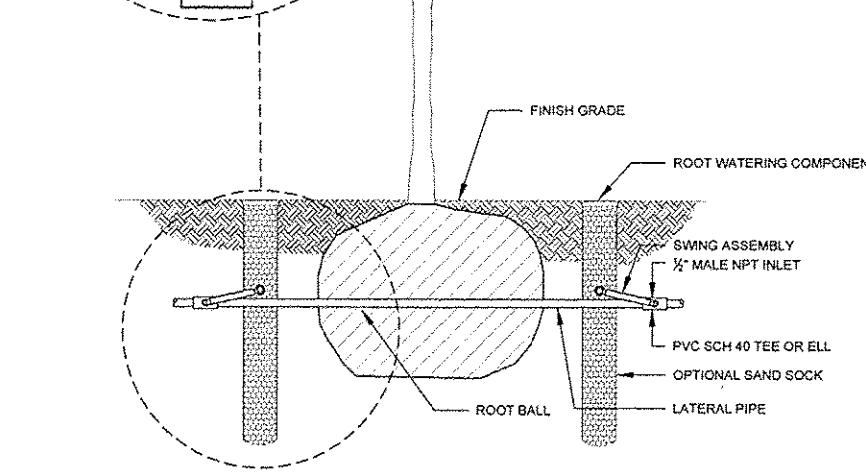
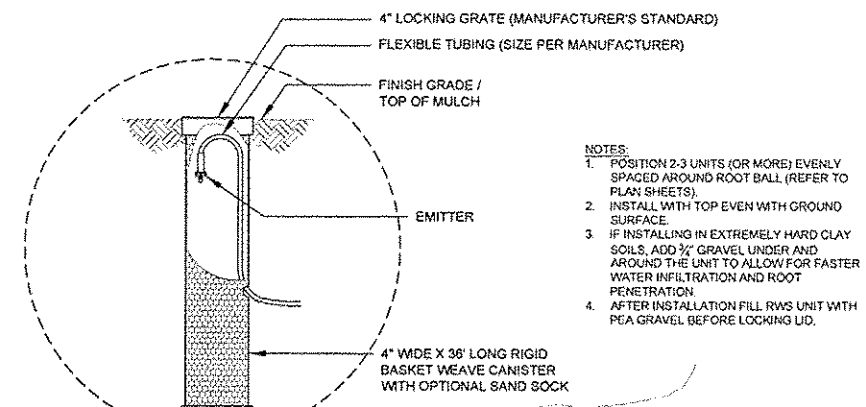
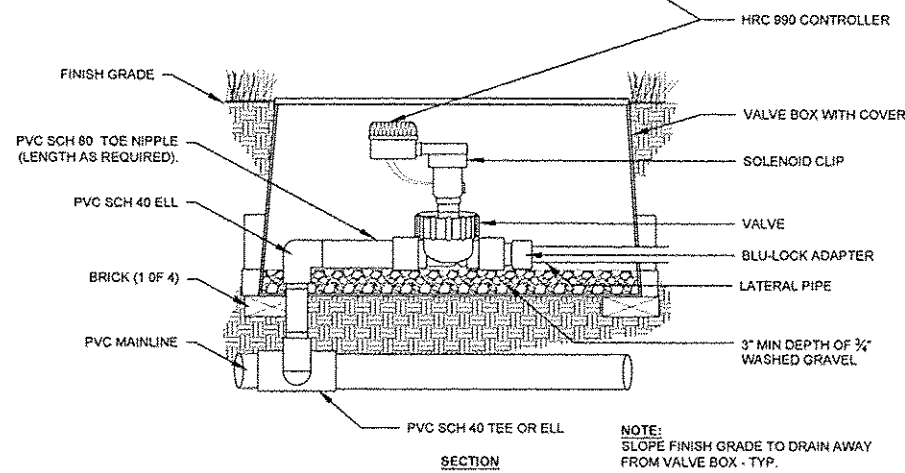
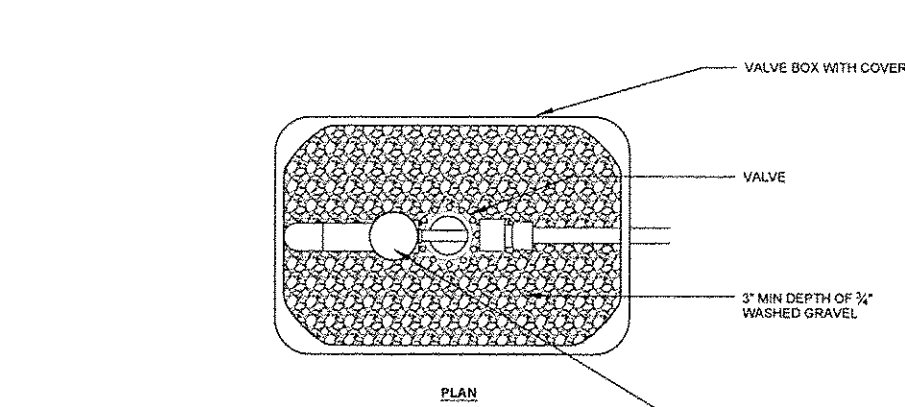
NO.	REVISION	DATE	DATE:
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DRAWN BY:			
GGV/SBT			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

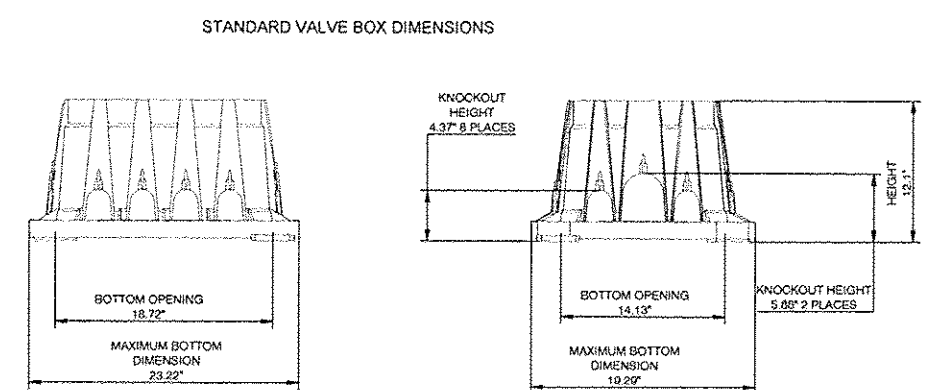
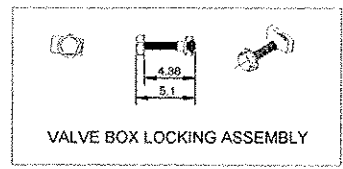
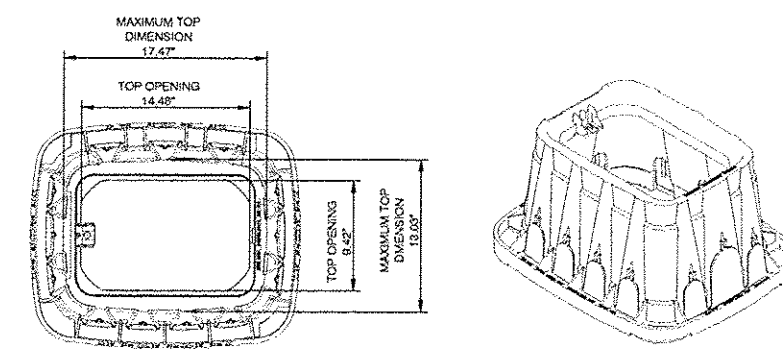
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

IRRIGATION PLAN - BRIDGE WEST

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	72
CONTRACT NO. 97539				
PROJ. NO. SBIL-TE-0008(151)				
FEDERAL AID PROJECT ILLINOIS				



- NOTES:
1. POSITION 2-3 UNITS (OR MORE) EVENLY SPACED AROUND ROOT BALL (REFER TO PLAN SHEETS).
 2. INSTALL WITH TOP EVEN WITH GROUND SURFACE.
 3. IF INSTALLING IN EXTREMELY HARD CLAY SOILS, ADD 3/4" GRAVEL UNDER AND AROUND THE UNIT TO ALLOW FOR FASTER WATER INFILTRATION AND ROOT PENETRATION.
 4. AFTER INSTALLATION FILL RWS UNIT WITH PEA GRAVEL BEFORE LOCKING UD.



1 COMBINATION CONTROLLER AND ZONE CONTROL ASSEMBLY (BATTERY OPERATED)

2 ROOT ZONE WATERING SYSTEM DETAIL

3 VALVE BOX DETAIL

73

73

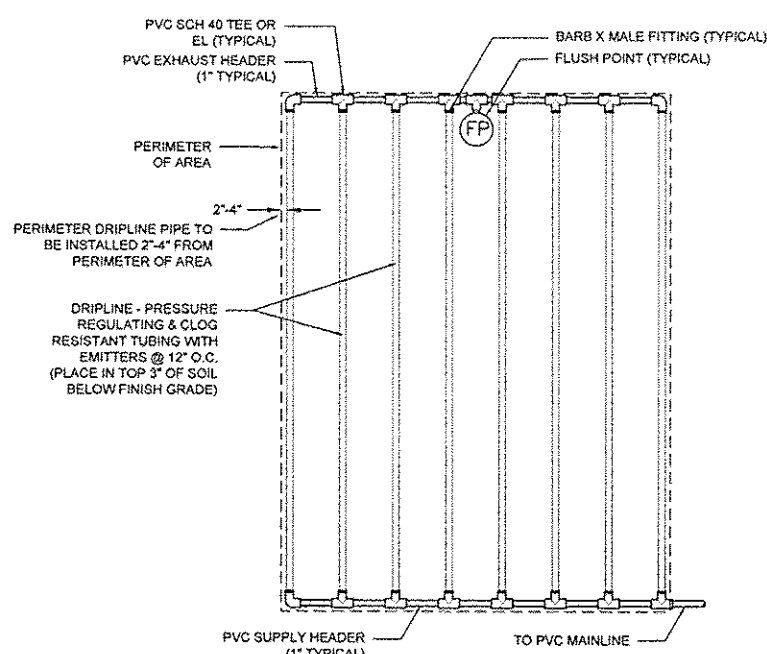
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PLAN / SECTION

SECTION

PLAN / ELEVATION / ISOMETRIC

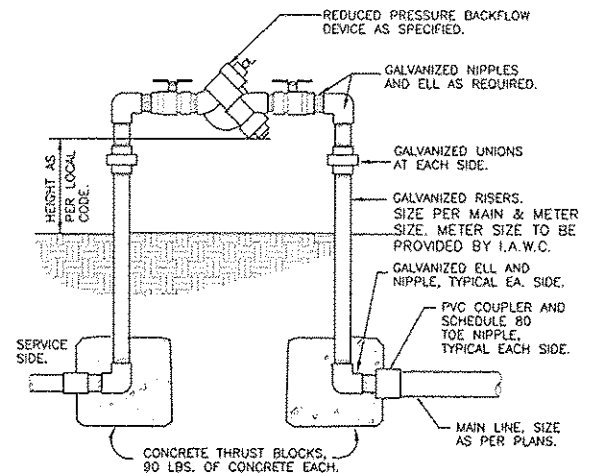
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- NOTES:
1. DISTANCE BETWEEN LATERAL ROWS SHALL BE 18" MAX.
 2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.
 3. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

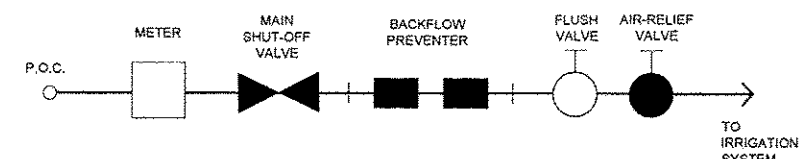
Inlet Pressure psi	18" Spacing	
	Nominal Flow (gph)	
15	0.6	0.9
20	314	250
30	353	294
40	413	350
50	485	402
60	528	420
80	598	455

REFER TO PROJECT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

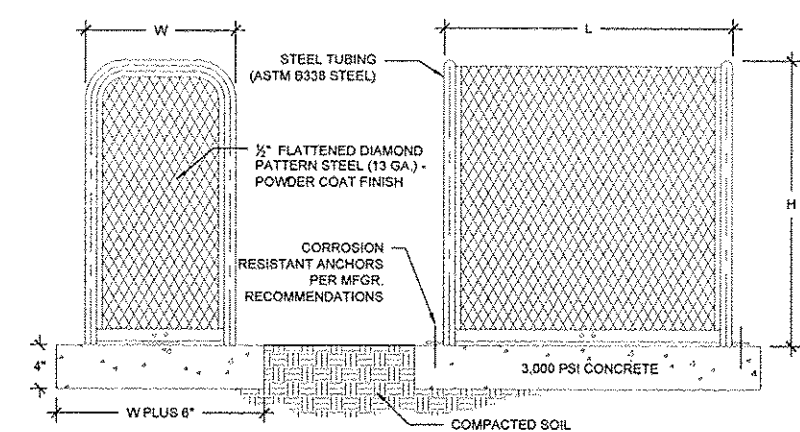


REDUCED PRESSURE BACKFLOW DEVICE

DETAIL SHOWN FOR REFERENCE ONLY. CONTRACTOR TO MEET THE CURRENT REQUIREMENTS OF THE CITY OF ALTON AND I.A.W.C. CONTRACTOR TO INSTALL LOCKABLE ENCLOSURE.



6 P.O.C. PIPING SCHEMATIC - TYPICAL



- NOTES:
1. REFER TO PROJECT SPECIAL PROVISIONS FOR ADDITIONAL SPECIFICATIONS.
 2. DIMENSIONS SHALL BE AS REQUIRED FOR CLEARANCES RECOMMENDED BY MANUFACTURER FOR THE PHYSICAL DIMENSIONS OF BACKFLOW DEVICE.

4 TYPICAL DRIP SYSTEM DIAGRAM (SHAPE OF DRIP AREAS VARY)

5 BACKFLOW PREVENTER DETAIL

7 BACKFLOW PREVENTER ENCLOSURE DETAIL

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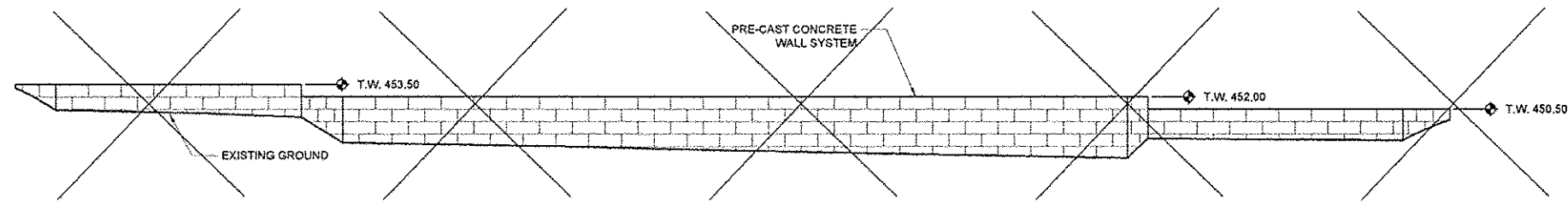
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PLAN

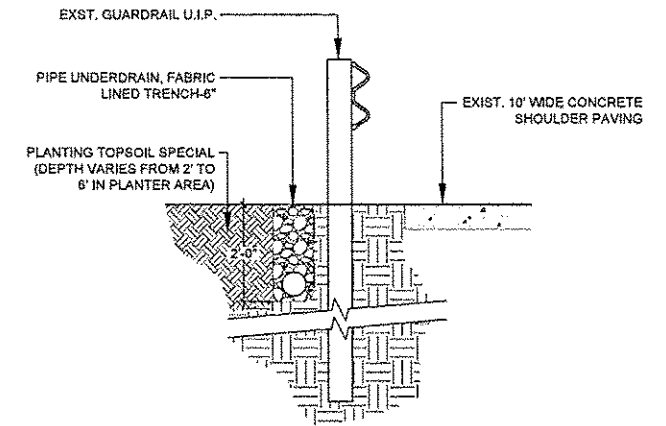
SECTION

ELEVATION

NTS



NOTE: RAISED PLANTER WALL DELETED FROM PROJECT



4-74 RETAINING WALL, SPECIAL ELEVATION

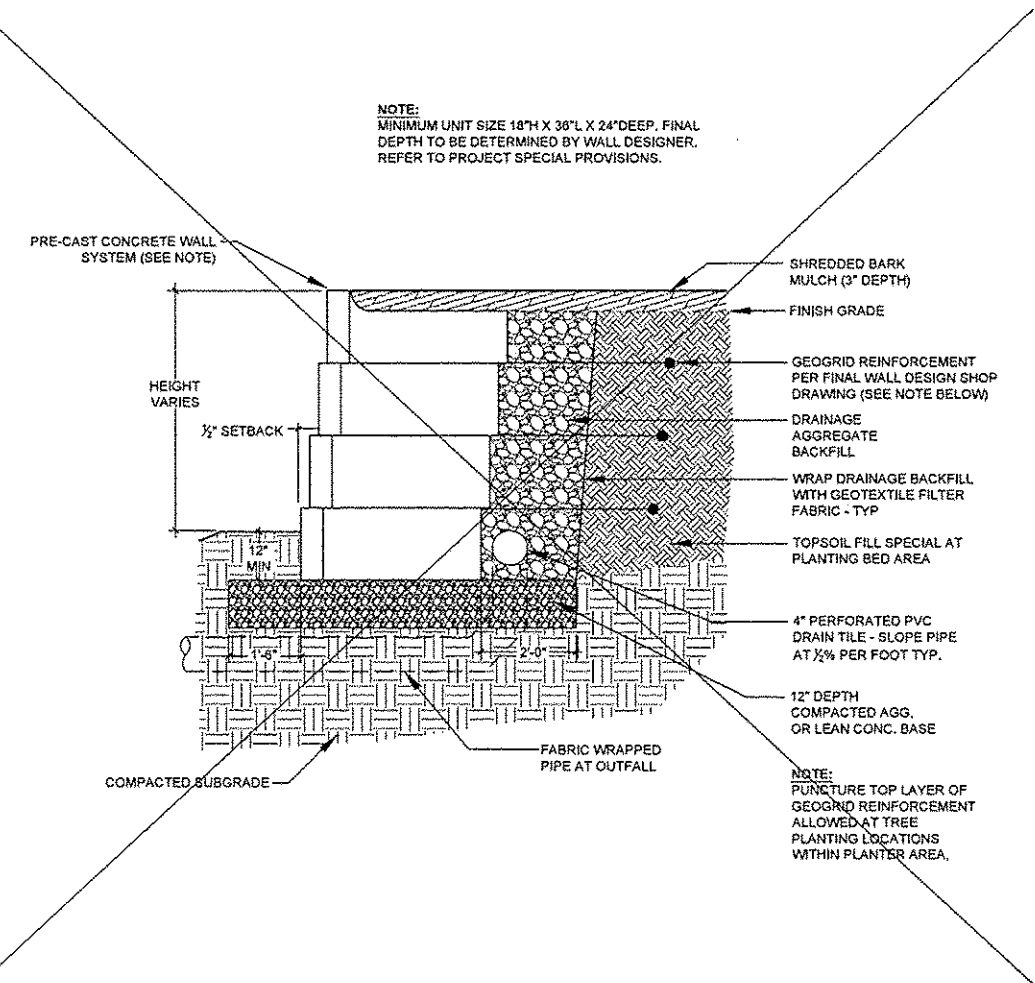
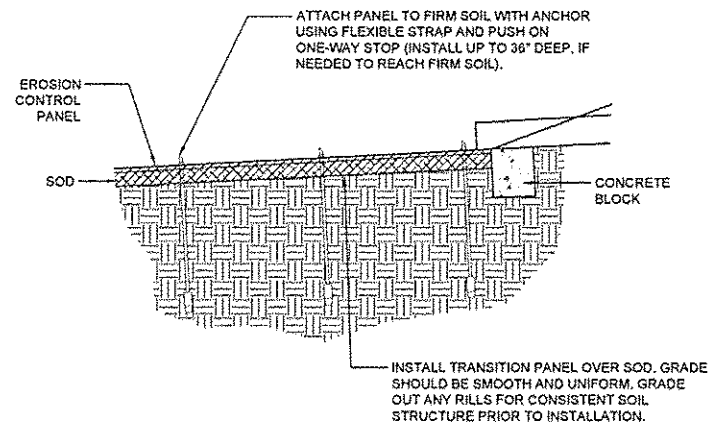
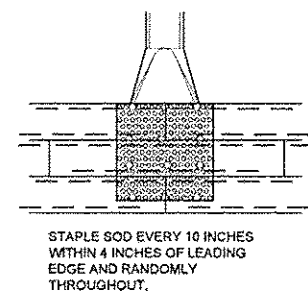
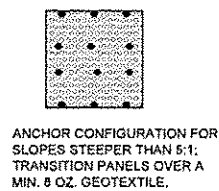
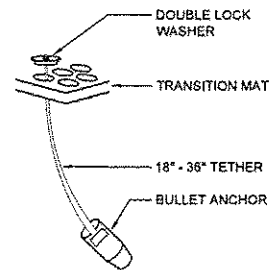
2-74 DRAIN TILE TRENCH SECTION

NTS

NOTE: RAISED PLANTER WALL DELETED FROM PROJECT

NOTE: MINIMUM UNIT SIZE 18" X 36" X 24" DEEP. FINAL DEPTH TO BE DETERMINED BY WALL DESIGNER. REFER TO PROJECT SPECIAL PROVISIONS.

- NOTES:
1. ADD EXTRA ANCHORS IF NECESSARY TO ENSURE CONSISTENT CONTACT WITH SOIL, OR IMPROVE SOIL SURFACE SMOOTHNESS.
 2. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
 3. PANELS SHALL NOT BE INSTALLED OVER BARE SOIL. SOIL COVERS MAY NEED TO EXTEND DOWNSTREAM OF PANEL INSTALLATION IN AREAS OF HIGHER VELOCITY.
 4. SOIL ANCHORS SHALL BE DRIVEN AT LEAST 18" DEEP. USE FLEXIBLE STRAPPING AND DOUBLE-LOCK WASHERS TO ATTACH THE TRANSITION MAT INSTALLATION INTO THE SOIL.



3-74 EROSION CONTROL PANEL DETAILS PLAN / SECTION

4-74 RETAINING WALL, SPECIAL DETAIL SECTION

NTS

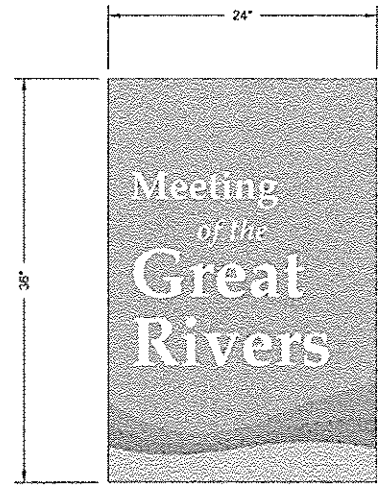
NO.	REVISION	DATE	DATE:
			01/29/2015

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

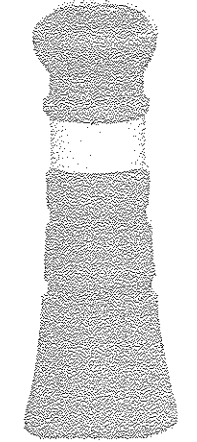
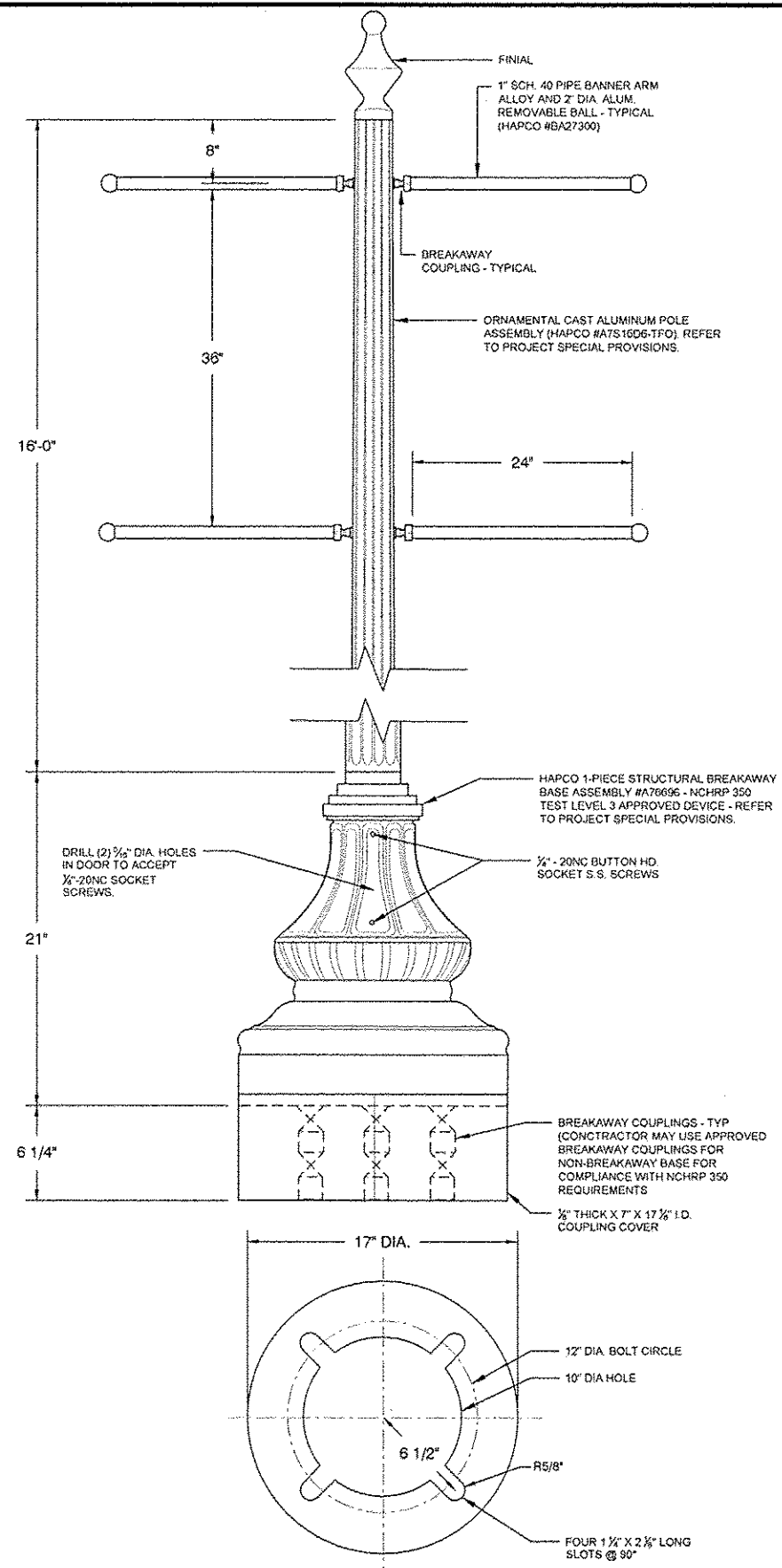
CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

CONSTRUCTION DETAILS - BRIDGE WEST

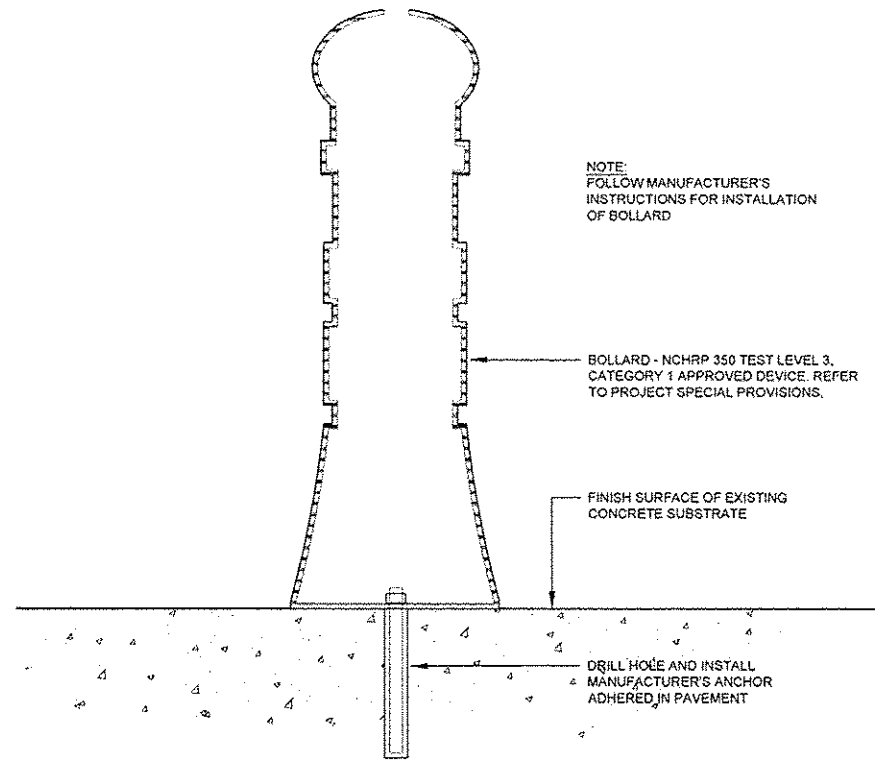
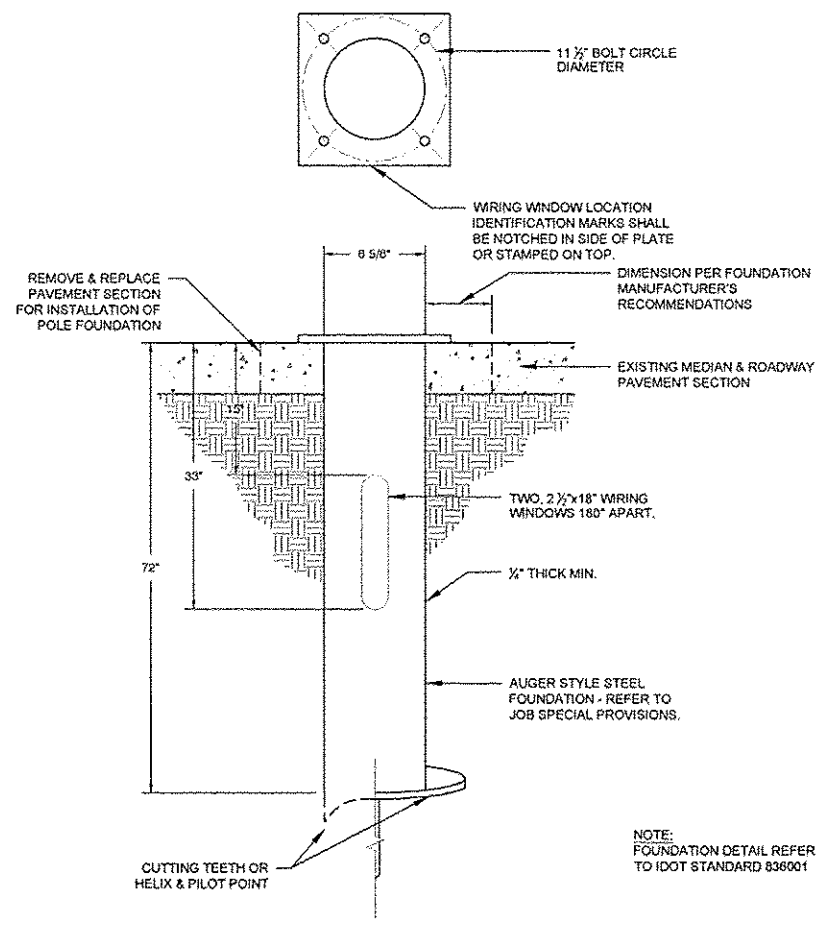
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	74
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D8(151)
			ILLINOIS	



BANNER REFERENCE IMAGE



REFERENCE IMAGE



1 SIGN POST FOUNDATION SECTION

2 DECORATIVE SIGN POST AND BREAKAWAY BASE SECTION

3 VEHICULAR PROTECTION BOLLARD DETAIL SECTION

NO.	REVISION	DATE



















DATE: 01/28/2015
 DRAWN BY: GGV/SBT
GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
 101 EAST 3RD STREET
 ALTON, ILLINOIS 62002

**SIGN POST & BOLLARD
 DETAILS - BRIDGE WEST**

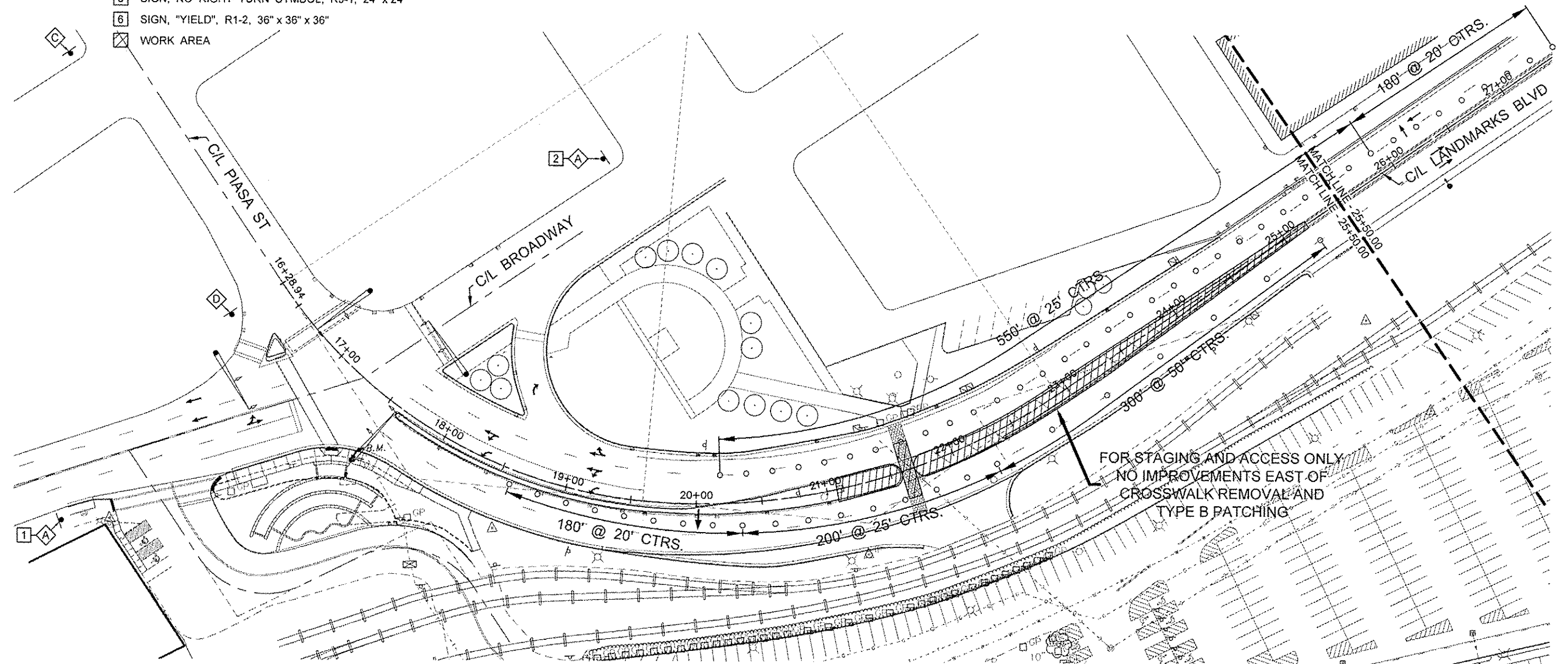
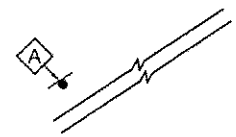
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	10-00229-01-LS	MADISON	84	75
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-0008(151)
			ILLINOIS	

TRAFFIC CONTROL LEGEND

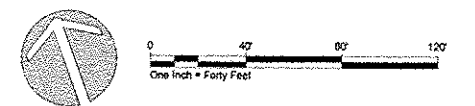
-  SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
-  SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
-  SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
-  SIGN, "WORKER SYMBOL", W21-1(0)-48 (USE ONLY WHEN WORKERS ARE PRESENT)
-  SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
-  SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
-  SIGN, "SIDEWALK CLOSED", R11-1101-2418
-  SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
-  SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
-  SIGN, "YIELD", R1-2, 36" x 36" x 36"
-  WORK AREA
-  CONE, DRUM OR TYPE II BARRICADE
-  SIGN
-  ARROW BOARD
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  TYPE III BARRICADE

GENERAL NOTES

1. ALL SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. INSTALLATION AND REMOVAL OF ALL SIGNS, HARDWARE AND POSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
3. THE ENGINEER SHALL DETERMINE THE FINAL LOCATION OF EACH TRAFFIC CONTROL ITEM.



LEFT LANES CLOSED



NO.	REVISION	DATE	DATE:
			01/29/2014

DRAWN BY: --

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
	10-00229-01-LS	MADISON	84	78
FEDERAL AID PROJECT		CONTRACT NO. 07539 PROJ. NO. SBIL-TE-00D8(151) ILLINOIS		

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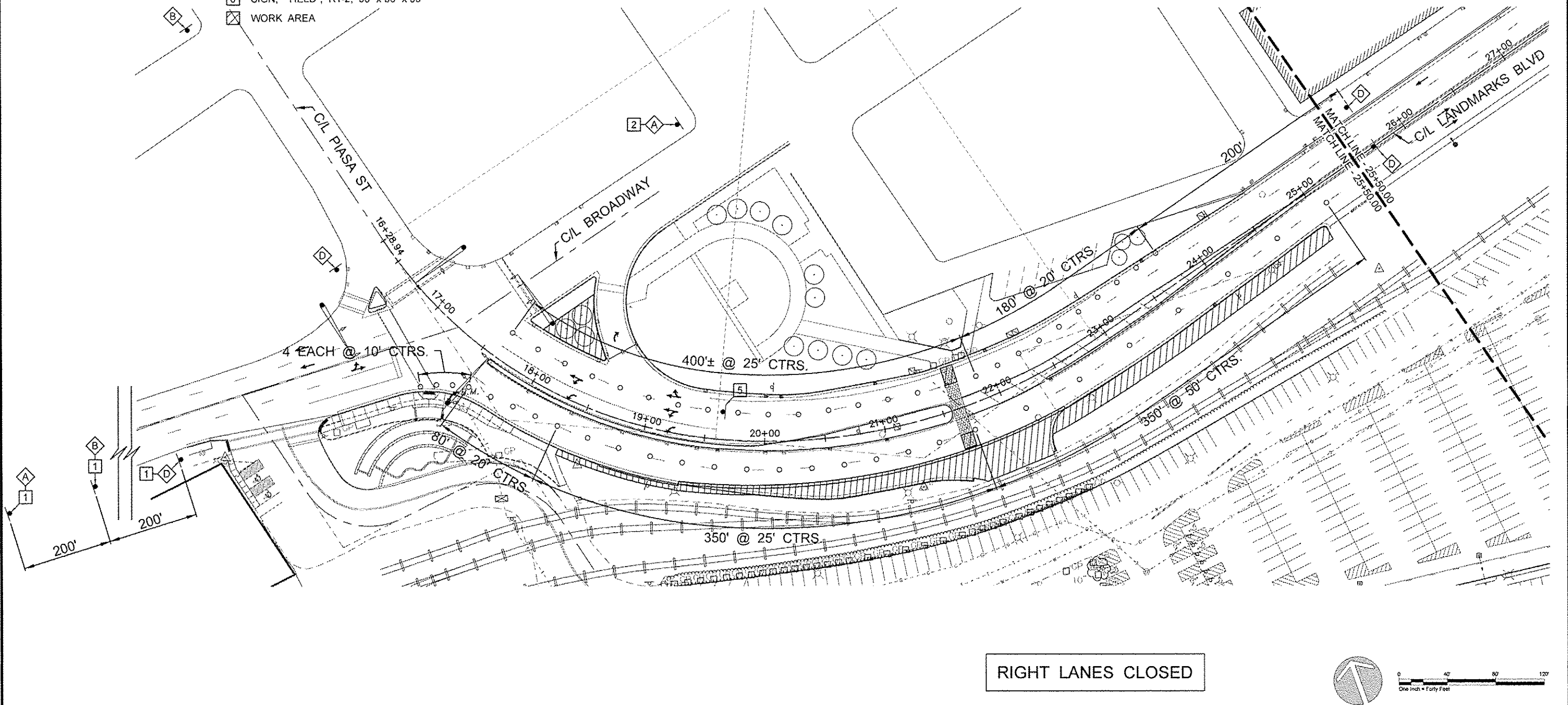
TRAFFIC CONTROL LEGEND

- ⬠ SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
- ⬠ SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
- ⬠ SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
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- 3 SIGN, "SIDEWALK CLOSED", R11-1101-2418
- 4 SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
- 5 SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
- 6 SIGN, "YIELD", R1-2, 36" x 36" x 36"
- ⊠ WORK AREA

- CONE, DRUM OR TYPE II BARRICADE
- ⬠ SIGN
- ➔ ARROW BOARD
- ⊠ BARRICADE OR DRUM WITH FLASHING LIGHT
- ⊠ TYPE III BARRICADE

GENERAL NOTES

1. ALL SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
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3. THE ENGINEER SHALL DETERMINE THE FINAL LOCATION OF EACH TRAFFIC CONTROL ITEM.



RIGHT LANES CLOSED



NO.	REVISION	DATE	DATE:
			01/28/2014
DRAWN BY:			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

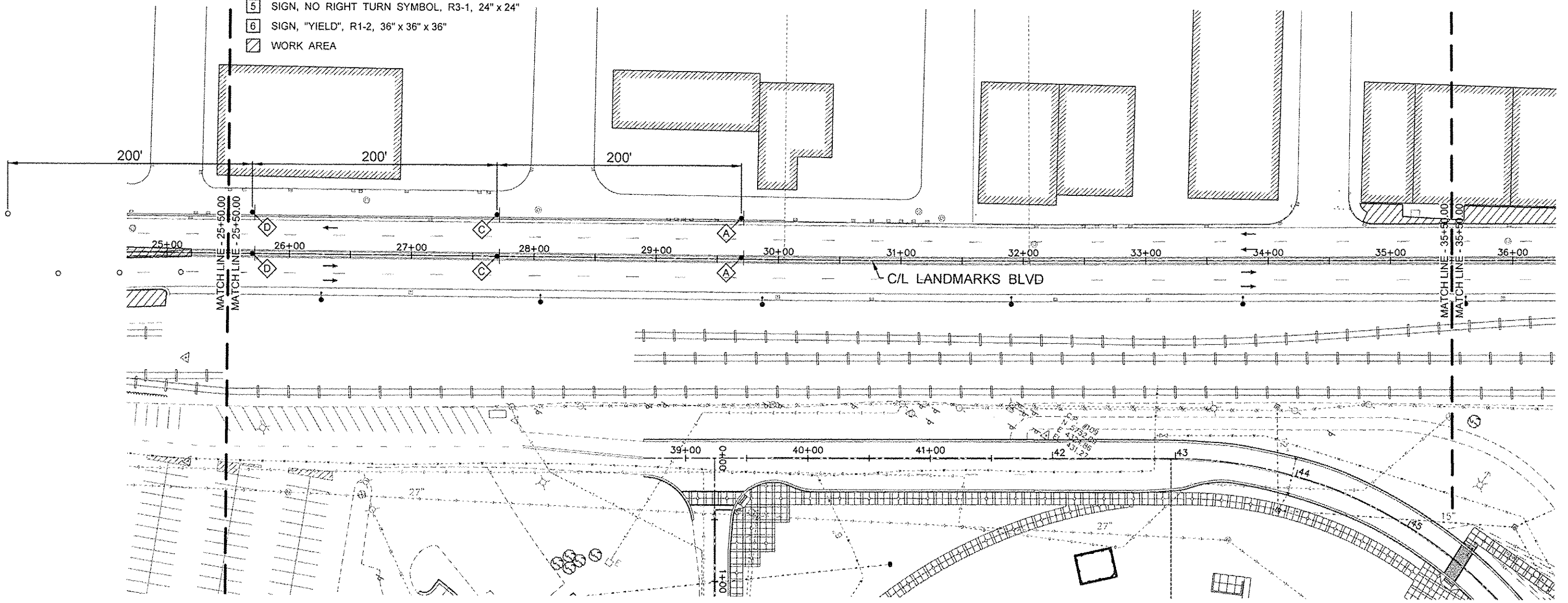
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	77
FEDERAL AID PROJECT			CONTRACT NO. 07539	PROJ. NO. SBIL-TE-0008(151)
ILLINOIS				

TRAFFIC CONTROL LEGEND

- SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
 - SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
 - SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
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 - WORK AREA
- CONE, DRUM OR TYPE II BARRICADE
 - SIGN
 - ARROW BOARD
 - BARRICADE OR DRUM WITH FLASHING LIGHT
 - TYPE III BARRICADE

GENERAL NOTES

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3. THE ENGINEER SHALL DETERMINE THE FINAL LOCATION OF EACH TRAFFIC CONTROL ITEM.



LEFT LANES CLOSED



NO.	REVISION	DATE	DATE:
			01/28/2014
DRAWN BY:			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION



CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	78
FEDERAL AID PROJECT			CONTRACT NO. 97539 PROJ. NO. 98IL-TE-0008(161) ILLINOIS	

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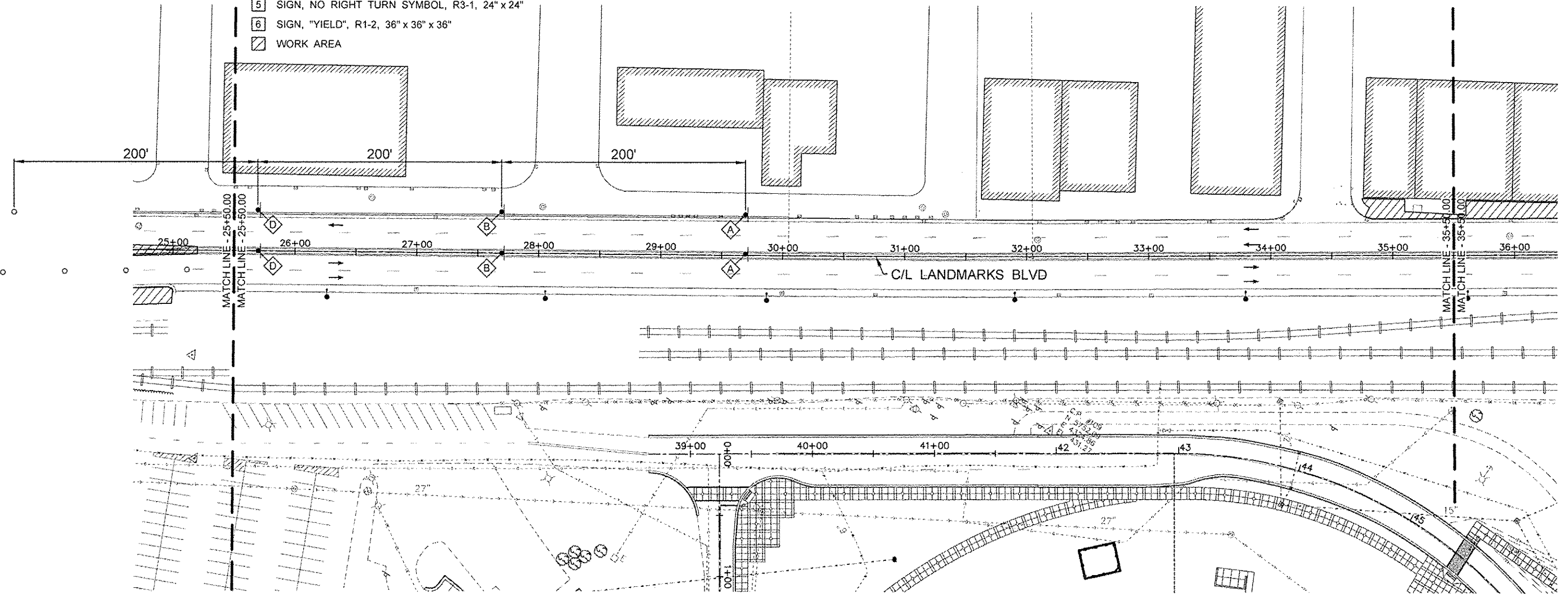
TRAFFIC CONTROL LEGEND

- ◊ A SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
- ◊ B SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
- ◊ C SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
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- 6 SIGN, "YIELD", R1-2, 36" x 36" x 36"
- ▨ WORK AREA

- CONE, DRUM OR TYPE II BARRICADE
- ▬ SIGN
- ARROW BOARD
- ⊕ BARRICADE OR DRUM WITH FLASHING LIGHT
- ⇄ TYPE III BARRICADE

GENERAL NOTES

1. ALL SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
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RIGHT LANES CLOSED



NO.	REVISION	DATE	DATE:
			01/28/2014
			DRAWN BY:

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002



















**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00228-01-LS	MADISON	84	79
FEDERAL AID PROJECT			ILLINOIS	

CONTRACT NO. 07538
PROJ. NO. SBIL-TE-0008(151)

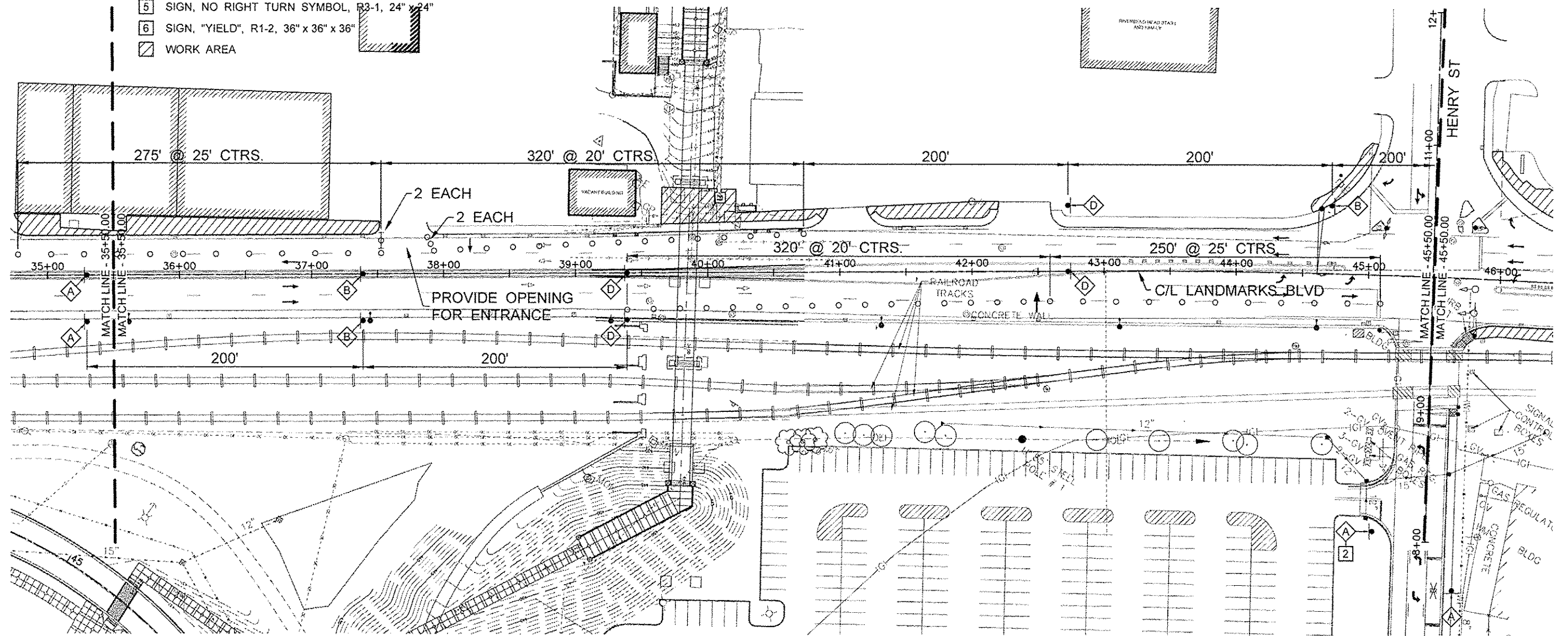
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TRAFFIC CONTROL LEGEND

-  SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
-  SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
-  SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
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-  SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
-  SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
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NO.	REVISION	DATE	DATE:
			01/28/2014
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GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	80
		CONTRACT NO. 97539		
		PROJ. NO. SBIL-TE-0008(151)		
FEDERAL AID PROJECT		ILLINOIS		

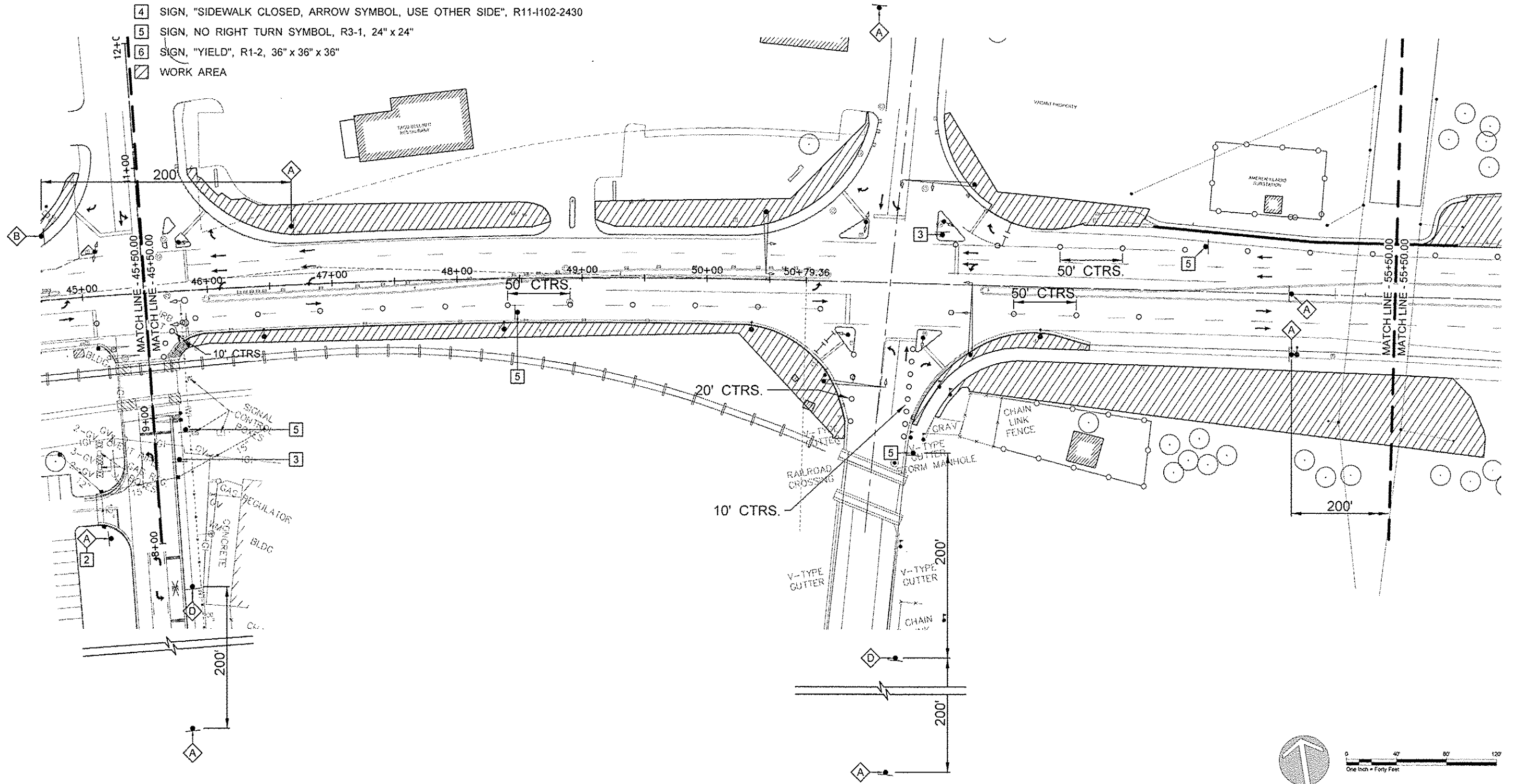
TRAFFIC CONTROL LEGEND

- A SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
- B SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
- C SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
- D SIGN, "WORKER SYMBOL", W21-1(0)-48 (USE ONLY WHEN WORKERS ARE PRESENT)
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- 3 SIGN, "SIDEWALK CLOSED", R11-1101-2418
- 4 SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
- 5 SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
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- o CONE, DRUM OR TYPE II BARRICADE
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- ARROW BOARD
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NO.	REVISION	DATE	DATE:
			01/28/2014
DRAWN BY:			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION



















CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	81
FEDERAL AID PROJECT			CONTRACT NO. 97539 PROJ. NO. SBIL-TE-0008(151) ILLINOIS	

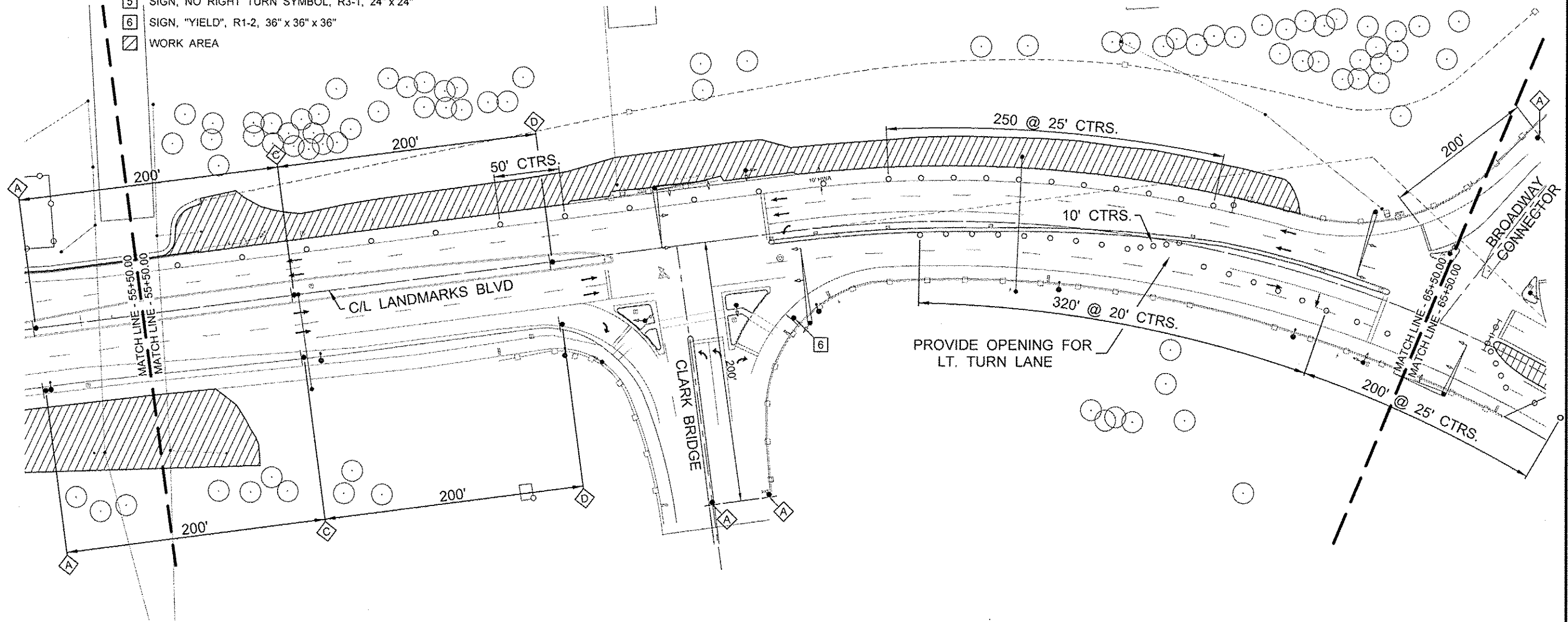
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TRAFFIC CONTROL LEGEND

-  SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
-  SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
-  SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
-  SIGN, "WORKER SYMBOL", W21-1(0)-48 (USE ONLY WHEN WORKERS ARE PRESENT)
-  SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
-  SIGN, BLACK ARROW ON ORANGE BACKGROUND, M5-1, 21" x 15" 
-  SIGN, "SIDEWALK CLOSED", R11-1101-2418
-  SIGN, "SIDEWALK CLOSED, ARROW SYMBOL, USE OTHER SIDE", R11-1102-2430
-  SIGN, NO RIGHT TURN SYMBOL, R3-1, 24" x 24"
-  SIGN, "YIELD", R1-2, 36" x 36" x 36"
-  WORK AREA
-  CONE, DRUM OR TYPE II BARRICADE
-  SIGN
-  ARROW BOARD
-  BARRICADE OR DRUM WITH FLASHING LIGHT
-  TYPE III BARRICADE

GENERAL NOTES

1. ALL SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. INSTALLATION AND REMOVAL OF ALL SIGNS, HARDWARE AND POSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.
3. THE ENGINEER SHALL DETERMINE THE FINAL LOCATION OF EACH TRAFFIC CONTROL ITEM.



NO.	REVISION	DATE	DATE:
			01/28/2014
DRAWN BY:			

GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION














CITY OF ALTON, ILLINOIS
101 EAST 3RD STREET
ALTON, ILLINOIS 62002






**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	82
FEDERAL AID PROJECT			ILLINOIS	

CONTRACT NO. 97539
PROJ. NO. SBIL-TE-008(151)

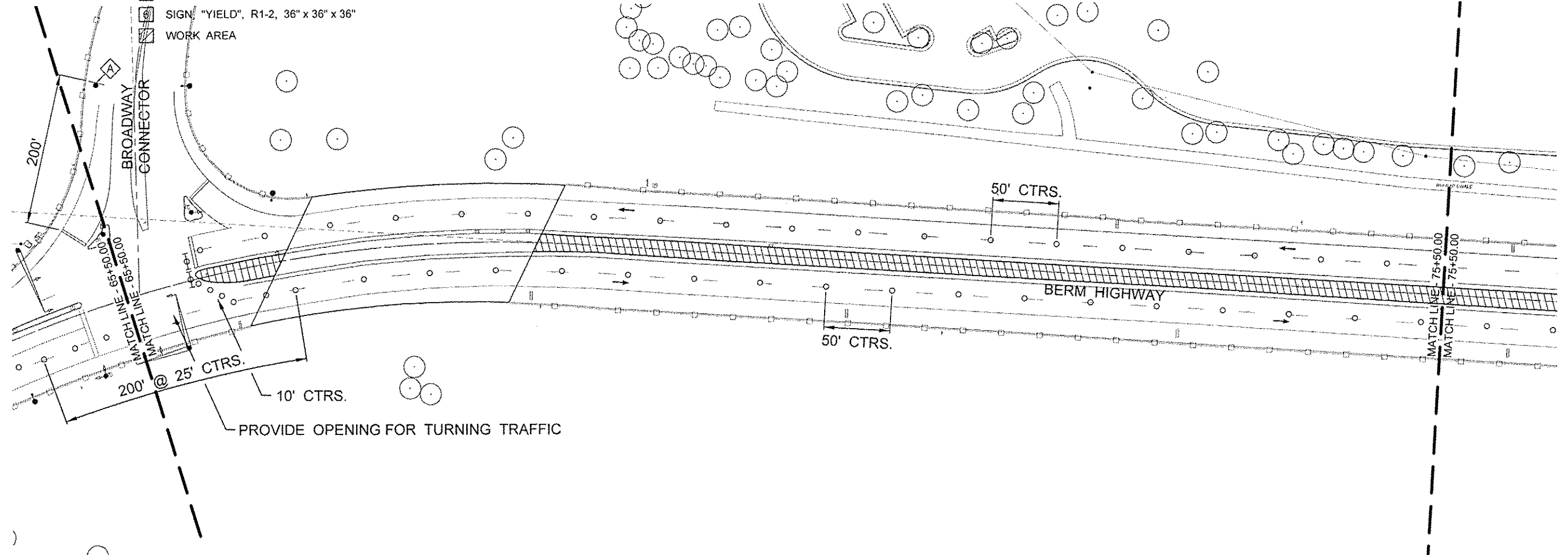
TRAFFIC CONTROL LEGEND

-  SIGN, "ROAD CONSTRUCTION AHEAD", W20-1103(0)-48
-  SIGN, "RIGHT LANE CLOSED AHEAD", W20-5(0)-48
-  SIGN, "LEFT LANE CLOSED AHEAD", W20-1103(0)-48
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












GREAT RIVERS FLOOD MEMORIAL & BRIDGE WEST BEAUTIFICATION

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101 EAST 3RD STREET
ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

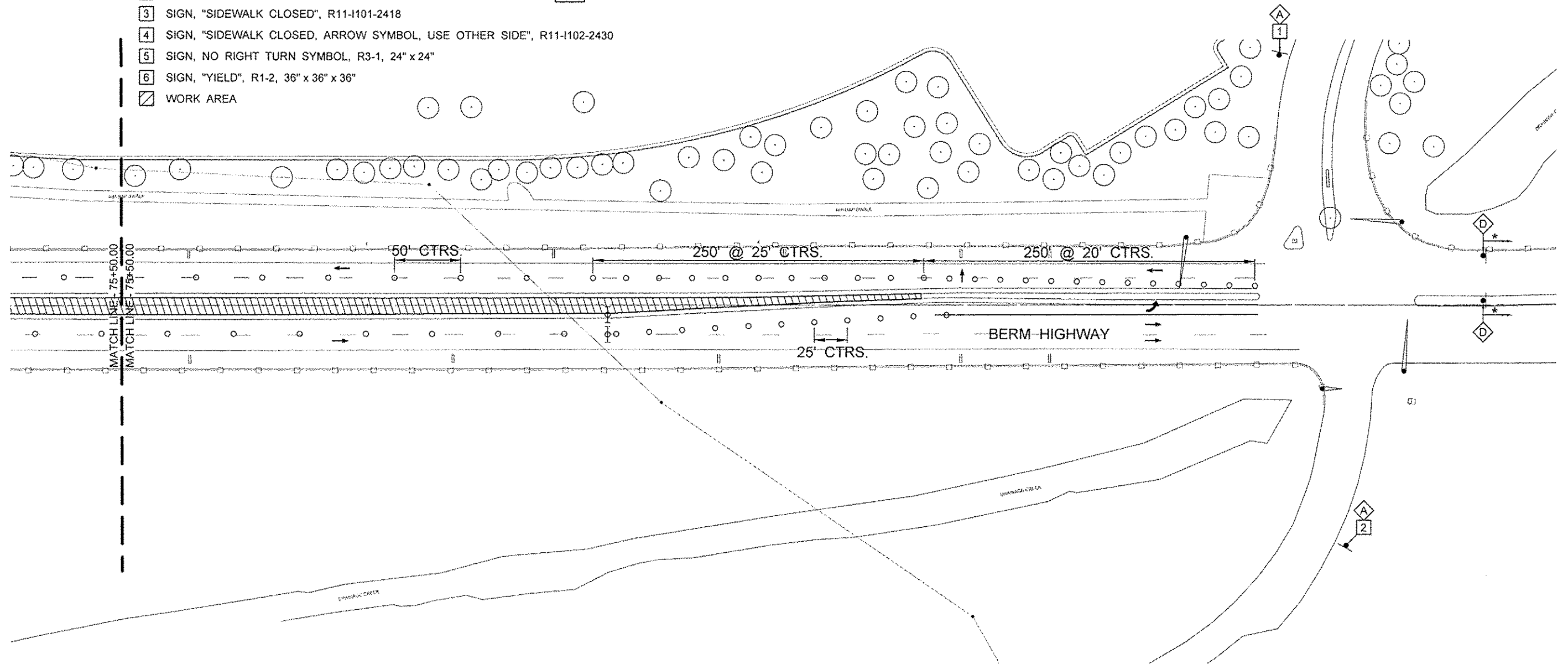
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	83
FEDERAL AID PROJECT			ILLINOIS	

TRAFFIC CONTROL LEGEND

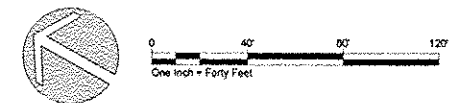
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* SEE HIGHWAY STD. 701701, CORNER ISLAND OPERATIONS FOR REMAINING SIGNS AND ARROW BOARD



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ALTON, ILLINOIS 62002

**TRAFFIC CONTROL PLAN
BRIDGE WEST**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00229-01-LS	MADISON	84	84
FEDERAL AID PROJECT			CONTRACT NO. 97539	PROJ. NO. SBIL-TE-00D(151)
ILLINOIS				

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