

04-25-14 LETTING ITEM 181

FOR INDEX OF SHEETS, SEE NEXT SHEET



City of Decatur
1 Gary K. Anderson Plaza, Decatur, IL 62523
Public Works Department: (217) 424-2747
Economic and Urban Development: (217) 242-2793

Massie & Massie Associates

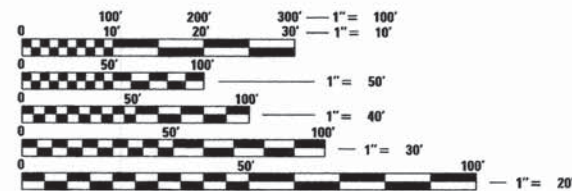
LAND PLANNING AND LANDSCAPE ARCHITECTURE
1210 S. 5th Street, Springfield, IL 62703 217-544-3210

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CONSULTING ENGINEERS

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CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050
184-001397



ARCHITECTURAL EXPRESSIONS LLP
ARCHITECTS • ENGINEERS



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

HLC PROJECT NO. 5690
HLC FIELD BOOK NO. 497, 497A & 497B

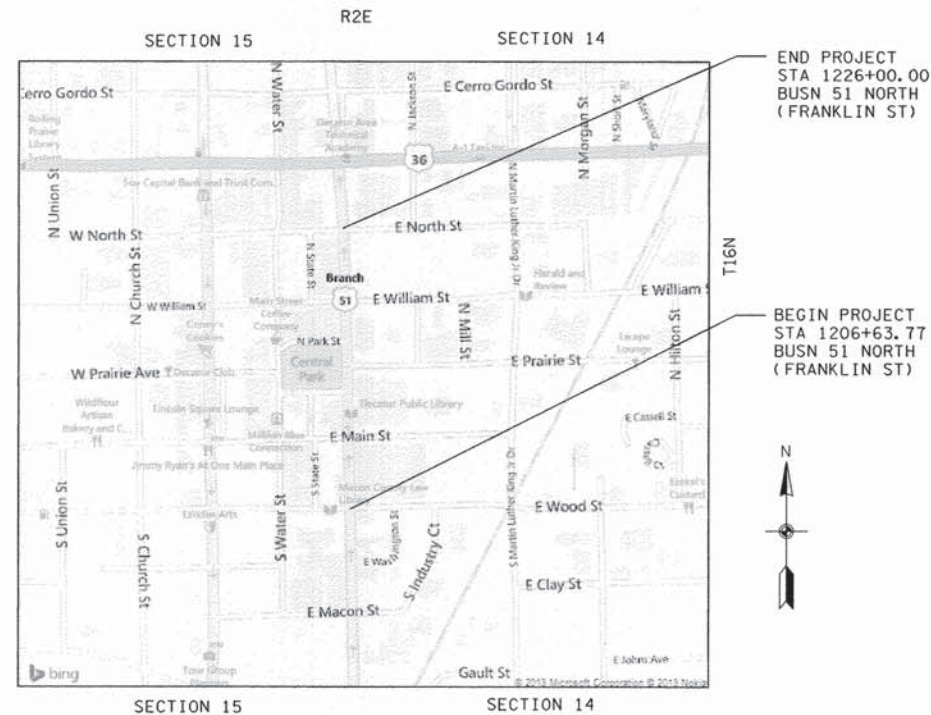


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SECTION 10-00025-00-SW
PROJECT TE-00D7(067)
FRANKLIN STREET
ITEP STREETScape ENHANCEMENT PLANS
MACON COUNTY
CITY OF DECATUR
C-97-023-14

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BR 51	10-00025-00-SW	MACON	103	1
ILLINOIS CONTRACT NO. 95730				



ROAD CLASS = OTHER PRINCIPLE ARTERIAL
2009 ADT (FRANKLIN ST) = 12,000
DESIGN SPEED = 30 MPH



LOCATION MAP
FRANKLIN ST = 1936.23 FEET = 0.367 MILES
TOTAL = 1936.23 FEET = 0.367 MILES

APPROVED March 7 20 14
CITY ENGINEER, CITY OF DECATUR

PASSED 3-10-14 20
me kastl
DISTRICT SEVEN ENGINEER OF LOCAL ROADS AND STREETS

Releasing For Bid Based on Limited Review 3-10-2014
Roger L. Inshell
DEPUTY DIRECTOR OF HIGHWAYS
REGION FOUR ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY PROJECT 2010-25

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IDOT STANDARDS

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424021-02	DEPRESSED CORNER FOR SIDEWALKS
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24' (600mm) FROM EDGE OF PAVEMENT
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POST (FOR SIGNS AND MARKERS)
780001-04	TYPICAL PAVEMENT MARKINGS
814001-02	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
BLR 14-10	PORTLAND CEMENT CONCRETE PAVEMENT (NON REINFORCED)
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

CITY OF DECATUR STANDARDS

1030	STREETS CURB WALL
2000	MANHOLE - TYPE A
2010	MANHOLE DETAILS
2020	FRAME AND LIDS
2050-1	TRENCH BACKFILL AND BEDDING (SHEETS 1 & 2)
3000	INLET, TYPE A
3012	CATCH BASIN TYPE C
3034-1	FRAME AND GRATE, TYPE 3 & 3V (SHEETS 1 & 2)
4000	TYPICAL FIRE HYDRANT SETTING
5110-1	STREET NAME SIGN INSTALLATION (SNOW ROUTE)
5120	STREET NAME SIGN INSTALLATION

GENERAL NOTES

1. THE ABBREVIATION SSRB SHALL REFER TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012. COPIES AVAILABLE ONLINE AT WWW.DOT.STATE.IL.US/DESENV/STDSPEC12.HTML
2. THE TERM "DEPARTMENT" IS DEFINED AS "THE CITY COUNCIL" IN ARTICLE 101.14 OF THE SSRB. THE TERM "ENGINEER" IS DEFINED AS "THE CITY ENGINEER" IN ARTICLE 101.16 OF THE SSRB.
3. NOTHING CONTAINED HEREIN SHALL RELIEVE THE CONTRACTOR OF HIS/HER DUTY TO OBSERVE AND COMPLY WITH ALL APPLICABLE LAWS, NOR SHALL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S COMPLIANCE OR NONCOMPLIANCE WITH SUCH LAWS.
4. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S DUTY TO OBSERVE AND COMPLY WITH CLIENT CONTRACT REQUIREMENTS, LOCAL AND STATE REGULATIONS, OR FOR THE CONTRACTOR'S FAILURE TO DO SO.
5. THE TERMS "PLACE", "CONSTRUCT" AND "INSTALL" SHALL BE INTERPRETED TO MEAN, "FURNISH ALL EQUIPMENT, MATERIAL AND LABOR TO COMPLETE THE WORK".
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITIES DURING AND UNTIL COMPLETION OF THE PROJECT. UTILITIES SHOWN ON THE PLANS WERE LOCATED IN THE FIELD AND/OR LOCATED FROM ARCHIVAL DATA. THESE LOCATIONS ARE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS IN THE FIELD. (J. U. L. I. E. 1-800-892-0123)
7. WORK SHALL CONFORM TO THE CITY OF DECATUR AND/OR IDOT CONSTRUCTION STANDARDS AND THE ILLINOIS ACCESSIBILITY CODE.
8. THE HIGHWAY STANDARDS WITH THE REVISION NUMBERS SHOWN IN THE STANDARDS LIST SHALL APPLY TO THIS CONTRACT.
9. ALL ELEVATIONS ARE BASED ON NAVD 88 DATUM. THE PROPOSED GRADE ELEVATIONS SHOWN ON THE PLAN SHEETS ARE THE ELEVATIONS FOR THE FINISHED SURFACE AT THE INDICATED LOCATIONS.
10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND/OR APPROVALS REQUIRED TO WORK WITHIN THE PUBLIC RIGHT-OF-WAY. ALL WORK CONDUCTED IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONDUCTED BY A CONTRACTOR LICENSED AND BONDED BY THE CITY OF DECATUR.
11. DIMENSIONS FOR THE RADII SHOWN ON THE PLAN SHEETS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
12. ALL OTHER DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
13. EXISTING ROAD SIGNS THAT CONFLICT WITH STAGE CONSTRUCTION TRAFFIC PATTERNS SHALL BE COVERED OR REMOVED UNTIL FINAL TRAFFIC PATTERNS ARE RE-ESTABLISHED.
14. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES TO MEET ALL REGULATORY REQUIREMENTS.
15. ALL VEGETATIVE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED IN KIND.
16. TOP OF CASTING ELEVATIONS FOR CURB INLETS ARE SET AT THE FLOW LINE OF THE GUTTER.
17. ALL SAW CUTS NECESSARY TO COMPLETE THE WORK AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS.
18. ALL UTILITIES, SCHOOL DISTRICTS AND EMERGENCY AGENCIES SHALL BE CONTACTED BEFORE WORK CAN COMMENCE.
19. CONTRACTOR SHALL REPAIR ANY DAMAGED UTILITY LINES CAUSED BY HIS/HER ACTIVITIES. ALL WORK REQUIRED TO PERMANENTLY REPAIR THE UTILITY TO THE ENGINEER'S SATISFACTION SHALL BE AT THE CONTRACTORS EXPENSE.
20. ALL ENTRANCES / DRIVEWAYS ARE AT A 90 DEGREE ANGLE TO THE ADJACENT ROADWAY UNLESS OTHERWISE NOTED.
21. APPLICATION RATES:
BITUMINOUS CONCRETE LEVELING BINDER AND SURFACE 112 LB/SO YD/ INCH
BITUMINOUS MATERIAL PRIME COAT - 0.05 GAL/SO YD
AGGREGATE - 2.05 TONS/CU YD
22. THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES AND GULFBXES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. NOTES WITHIN THE PLANS ARE INTENDED FOR GUIDANCE ONLY.
23. THESE PLANS WERE ESTABLISHED TO MEET THE CURRENT ADA POLICY IN PROVIDING AN ACCESSIBLE ROUTE THROUGHOUT THE PROJECT AREA. THE CONTRACTOR SHALL BE AWARE THE PROPOSED ELEVATIONS ARE PROVIDED FOR GUIDANCE AND SHOULD THE PROPOSED ELEVATION RESULT IN A CROSS SLOPE GREATER THAN 2%, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO FORMULATE A SOLUTION. IT SHOULD ALSO BE NOTED THERE ARE A NUMBER OF AREAS WERE THE FIRST 3.33' TO 5.33' OF SIDEWALK, BEHIND THE BACK OF CURB, HAS A SLOPE GREATER THAN 2%. THESE AREAS ARE NOT INTENDED FOR PEDESTRIAN TRAVEL. HOWEVER THE REMAINING PORTION OF SIDEWALK HAS A CROSS SLOPE LESS THAN 2%.
24. STATIONS AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF STRUCTURE.
25. PUBLIC OWNED UTILITY STRUCTURES SHALL BE ADJUSTED TO FINISH GRADE BY THE CONTRACTOR. PRIVATELY OWNED UTILITY STRUCTURES SHALL BE ADJUSTED BY THE UTILITY AGENCY THAT OWNS THE STRUCTURE. THE CONTRACTOR SHALL SCHEDULE THE WORK SO THAT THE UTILITY ADJUSTMENTS BY OTHERS CAN BE ACCOMPLISHED WITHOUT UNDUE DELAY TO THE WORK.

26. ALL TRAFFIC SIGNS SHALL BE REMOVED, PROTECTED AND/OR RESTORED IN ACCORDANCE WITH ARTICLE 107.25 OF THE SSRB. IN ADDITION ALL SIGNS WILL REMAIN THE PROPERTY OF THE CITY. ANY SIGNS THE ENGINEER CHOOSES NOT TO RE-ERECT SHALL BE DELIVERED, UNDAMAGED TO THE CITY MAINTENANCE YARD BY THE CONTRACTOR.
27. THE CONTRACTOR SHALL INSTALL THE 12" WHITE CROSSWALK STRIPING PARALLEL TO TRAFFIC FLOW.
28. THE REMOVAL OF RAISED REFLECTIVE PAVEMENT MARKERS SHALL CONSIST OF THE REFLECTIVE ELEMENT AND THE BASE CASTING COMPLETE. THE PAVEMENT SHALL BE REPAIRED IN ACCORDANCE WITH SECTION 783.

EXISTING LEGEND

-----	FL GUTTER	⊙	PIN
-----	TOP CURB	⊙	BUSH
-----	EDGE PAVE	⊞	ABOVE GRND SPLICE BOX
-----	CONC SLAB	⊞	TELE PEDESTAL
-----	COMM BLDG	-----T-	TELE
⊙	MH	-----W-	WATER
⊞	HYDRANT	-----	PUMP ISLAND
⊞	POLE FOUNDATION	-----	OVERHANG
⊙	WATER VALVE	-----E-	ELEC
-----	RET WALL	-----G-	GAS
⊞	JUNC BOX	-----	STRUCTURE ENTR
⊙	SHRUB	-----	FENCE
⊞	LIGHT POLE	*	GUARDPOST
⊞	HAND HOLE	⊞	HYDRANT
⊞	TRAFFIC SIGNAL	⊞	INSP WELL
-----	SW	⊙	GUY POLE
-----	ENTR	⊞	STUMP
-----	LANE LINE	S	STAND PIPE
⊞	ADV SIGN	-----	MEDIAN
-----O-	OIL PIPE	-----FO-	FIBER OPTIC
⊞	MAILBOX	-----CTV-	CATV
⊞	TR SIG CONTROLLER	-----E-	POWER LINE
-----	CANOPY	⊙	CATCH BASIN
⊞	ELEC SPLICE BOX	⊞	CON TREE
⊙	TREE	----->	SAN
⊞	CURB INLET	⊞	FLARED END SECT
-----	TR SIG MAST ARM	⊙	PIPE
⊞	TRAFF SIGN	-----	CULVERT
⊙	GAS VALVE	⊙	CATCH BASIN GRATE
⊞	WATER METER	⊙	GAS METER
⊞	PARKING METER	⊙	POLE
⊞	DROP INLET	⊙	ELEC METER

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USER NAME = rkocher	DESIGNED -	REVISED -		DECATUR (317) 422-8544	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	GENERAL NOTES AND STANDARDS	G-1 2 of 103 sheets
PLOT SCALE = 10.0000' / 1" = 10'	DRAWN -	REVISED -		CHICAGO (773) 714-0050			
PLOT DATE = 3/6/2014	CHECKED -	REVISED -		ROCKFORD (815) 489-0050			
	DATE = 10-31-13	REVISED -		184-001397			

CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	72			72
Δ 20101700	SUPPLEMENTAL WATERING	UNIT	210			210
28000500	INLET AND PIPE PROTECTION	EACH	28			28
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	299			299
35400450	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9 1/2"	SQ YD	648			648
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100			100
42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	206			206
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ YD	276			276
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SQ FT	30,027			30,027
42400800	DETECTABLE WARNINGS	SQ FT	689			689
44000100	PAVEMENT REMOVAL	SQ YD	2,658			2,658
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	363			363
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	3,315			3,315
44000600	SIDEWALK REMOVAL	SQ FT	33,732			33,732

Δ SPECIALTY ITEMS

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USER NAME = dbullock	DESIGNED -	REVISED -
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CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

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 (317) 422-0544
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 184-061597

FRANKLIN STREET STREETSCAPE ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

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CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
44003100	MEDIAN REMOVAL	SQ FT	571	571		
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	228			228
55100500	STORM SEWER REMOVAL 12"	FOOT	88			88
Δ 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	15			15
Δ 56300300	ADJUSTING WATER SERVICE LINES	FOOT	100			100
Δ 56400100	FIRE HYDRANTS TO BE MOVED	EACH	3			3
Δ 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2			2
Δ 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	12			12
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	18			18
60107600	PIPE UNDERDRAINS 4"	FOOT	195			195
60207105	CATCH BASIN, TYPE C, TYPE 3 FRAME AND GRATE	EACH	6			6
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5			5
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5			5
60255500	MANHOLES TO BE ADJUSTED	EACH	2			2

Δ SPECIALTY ITEMS

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USER NAME = dbullock	DESIGNED -	REVISED -
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PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -
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CHASTAIN & ASSOCIATES LLC
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ROCKFORD 815-399-9999
184-001377

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1			1
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4			4
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1			1
60500060	REMOVING INLETS	EACH	6			6
60600605	CONCRETE CURB, TYPE B	FOOT	571			571
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2,753			2,753
67100100	MOBILIZATION	L SUM	1			1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1			1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1			1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1			1
72400100	REMOVE SIGN PANEL ASSEMBLY, TYPE A	EACH	2			2
Δ 78001100	PAINT PAVEMENT MARKING • LETTERS AND SYMBOLS	SQ FT	230	230		
Δ 78001130	PAINT PAVEMENT MARKING • LINE 6"	FOOT	3,075	3,075		
Δ 78001150	PAINT PAVEMENT MARKING • LINE 12"	FOOT	1,953	1,953		

Δ SPECIALTY ITEMS

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FRANKLIN STREET STREETScape ENHANCEMENT
 Decatur, Illinois

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
Δ 78001180	PAINT PAVEMENT MARKING • LINE 24"	FOOT	246	246		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,402	2,402		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	54	54		
Δ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	25			25
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	71			71
Δ 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	159	159		
Δ 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	3,890		3,890	
Δ 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3,065	2,478	432	155
Δ 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	812	812		
Δ 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	2,152	1,800	352	
Δ 81400100	HANDHOLES	EACH	8			8
Δ 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	5,445		5,445	
Δ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	15,210		15,210	
Δ 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4,325		4,325	

Δ SPECIALTY ITEMS

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154-081277

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

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CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
Δ 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3,093		3,093	
Δ 81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	2,032		2,032	
Δ 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	448		448	
Δ 81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	960		960	
Δ 83600300	LIGHT POLE FOUNDATON, 30" DIAMETER	FOOT	231		231	
Δ 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	32		32	
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	31		31	
Δ 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		1	
Δ 87301135	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 4C	FOOT	1,163			1,163
Δ 87301145	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 5C	FOOT	1,143			1,143
Δ 87301155	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 7C	FOOT	591			591
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,030			2,030
Δ 87500600	TRAFFIC SIGNAL POST, 10 FT	EACH	3			3
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	33			33

Δ SPECIALTY ITEMS

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USER NAME = dmullek	DESIGNED -	REVISED -
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PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE - 10-31-13	REVISED -

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CHICAGO 0770-714-0000
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104-000797

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

G-6

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CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	3			3
Δ 88102718	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, POST MOUNTED	EACH	8			8
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,844			1,844
Δ 89502375	REMOVE EXISTING TRAFFIC CONTROL EQUIPMENT	EACH	1			1
Δ 89502380	REMOVE EXISTING HANDHOLE	EACH	4			4
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8			8
Δ A2000090	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	6			6
Δ A2000124	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 4" CALIPER, BALLED AND BURLAPPED	EACH	9			9
Δ A2000332	TREE, ACER MIYABEI MORTON (STATE STREET MIYABEI MAPLE), 4" CALIPER, BALLED AND BURLAPPED	EACH	4			4
Δ A2001820	TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	5			5
Δ A2002884	TREE, CELTIS OCCIDENTALIS CHICAGOLAND, (CHICAGOLAND HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	3			3
Δ A2004828	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3 1/2" CALIPER, BALLED AND BURLAPPED	EACH	6			6
Δ A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	3			3
Δ A2008457	TREE, ULMUS ACCOLADE (HYBRID ELM), 4" CALIPER, BALLED AND BURLAPPED	EACH	7			7

Δ SPECIALTY ITEMS

USER NAME = dbullock	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISD -
PLOT DATE = 3/6/2014	DATE - 10-31-13	REVISD -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR CHICAGO ROCKFORD
60171 400-0544
60606 770-714-0000
60110 409-0000
104-001977

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

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CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
Δ C2C01024	SHRUB, BUXUS MICROPHYLLA WINTERGREEN (WINTERGREEN LITTLELEAF BOXWOOD), 2' HEIGHT, CONTAINER	EACH	18			18
Δ D20014G3	EVERGREEN, JUNIPERUS SABINA BUFFALO (BUFFALO JUNIPER), 3-GALLON, WELL-DEVELOPED	EACH	42			42
Δ K0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	6.6			6.6
Δ K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0.63			0.63
Δ K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	1.52			1.52
Δ K1005418	TEMPORARY SEEDING	ACRE	0.4			0.4
Δ X0300635	PLANTER	EACH	5			5
Δ X0321973	MODIFY EXISTING SERVICE INSTALLATION	EACH	1		1	
Δ X0325040	FIBER OPTIC INNERDUCT, 1-1/4" DIA.	FOOT	5,211	5,211		
X0325290	CORED DRAIN HOLES	EACH	50			50
Δ X0326597	ELECTRICAL DEMOLITION	L SUM	1		1	
Δ X0539800	TREE GRATES	EACH	15			15
X0540000	BRICK PAVERS	SQ FT	3,297			3,297
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	900			900

Δ SPECIALTY ITEMS

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USER NAME = dbullock	DESIGNED -	REVISED -
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PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE - 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
 DECATUR 667-429-0144
 CHICAGO 773-714-0800
 ROCKFORD 815-499-0800
 104-001777

FRANKLIN STREET STREETScape ENHANCEMENT
 Decatur, Illinois

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
Δ X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	900			900
Δ X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	1,930			1,930
Δ X2520700	SODDING, SPECIAL	SQ YD	1,930			1,930
X5030230	Special Structure	EACH	1			1
X5030301	CONCRETE WEARING SURFACE (VARIABLE DEPTH)	SQ YD	18			18
Δ X5610700	WATER MAIN REMOVAL	FOOT	22			22
X6020076	INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE	EACH	2			2
X6060505	CONCRETE CURB (SPECIAL)	FOOT	246			246
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	843			843
Δ X8140105	HANDHOLE - SPECIAL	EACH	43		43	
Δ X8140115	HANDHOLE TO BE ADJUSTED	EACH	14		14	
Δ X8140225	HANDHOLE, PORTLAND CEMENT CONCRETE, SPECIAL	EACH	9		9	
Δ X8210402	LUMINAIRE MOUNTING BRACKET - SPECIAL	EACH	1		1	
Δ X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	1		1	

Δ SPECIALTY ITEMS

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PLOT DATE = 3/6/2014	DATE - 10-31-13	REVISED -

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617-422-0144 678-714-0000 815-497-0000
104-901977

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

G-9
10 of 103 sheets

CODE NUMBER	PAY ITEM	UNIT	TOTAL	100% CITY	50% CITY	20% CITY
Δ X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1		1	
Δ X8360110	LIGHT POLE FOUNDATON, SPECIAL	FOOT	7		7	
Δ X8570015	CONTROLLER (SPECIAL)	EACH	1		1	
Δ X8950310	RELOCATE EXISTING SIGNAL HEAD AND POST	EACH	8			8
Δ XX003885	IRRIGATION SYSTEM	L SUM	1			1
Δ XX008946	DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL	EACH	35		35	
XX008304	CURB WALL	SQ FT	123			123
XX008880	STORM SEWERS, CLASS B, TYPE 1 6"	FOOT	6			6
Z0003850	BENCHES	EACH	8			8
Z0004002	BOLLARDS	EACH	6			6
Z0013798	CONSTRUCTION LAYOUT	L SUM	1			1
Z0036700	PARKING METER POSTS TO BE REMOVED	EACH	13			13

Δ SPECIALTY ITEMS

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USER NAME = dbullock	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/8/2014	DATE - 10-31-13	REVISED -



DECATUR 617-420-0544
CHICAGO 773-714-0000
ROCKFORD 815-407-0000
184-981577

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SUMMARY OF QUANTITIES

G-10

11 of 103 sheets

PAVEMENT MARKING SCHEDULE

ALIGNMENT	LOCATION				PAVEMENT MARKING REMOVAL SQ FT	RAISED REFL PAVT MARKER REMOVAL EACH	PAINT PAVT MARKING LET & SYM (WHITE) SQ FT	PAINT PAVT MARKING 6" (WHITE) FOOT	PAINT PAVT MARKING 6" (W) SKIP DASH FOOT	PAINT PAVT MARKING 6" (W) DOTTED FOOT	PAINT PAVT MARKING 6" DOUBLE (YELLOW) FOOT	PAINT PAVT MARKING 12" (WHITE) FOOT	PAINT PAVT MARKING 24" (WHITE) FOOT
	STATION	OFFSET	STATION	OFFSET									
100S FRANKLIN ST.	1206+95.7		1210+93.0		741	12	98	410	157	86	851	448	71
100N FRANKLIN ST.	1210+93.0		1214+97.0		535	15	44	121	121		165	529	45
200N FRANKLIN ST.	1214+97.0		1218+74.0		481	12	59	180	121		117	600	85
300N FRANKLIN ST.	1218+74.0		1222+70.0		646	15	29	456	158		109	272	46
400N FRANKLIN ST.	1222+70.0		1223+35.0						26			104	
PROJECT TOTAL					2,402	54	230	1,166	581	86	1,242	1,953	246

SIGN SCHEDULE

ALIGNMENT	LOCATION		REMOVE SIGN PANEL ASSEMBLY, TYPE A EACH
	STATION	OFFSET	
100N FRANKLIN ST.	1210+82.3	-39.6	1
	1210+87.3	-39.5	1
PROJECT TOTAL			2

STORM SEWER & STRUCTURE SCHEDULE

ALIGNMENT	LOCATION				STORM SEWERS CLASS B TY 1		MANHOLES TY A 4' DIAM TY 1 FRAME CLOSED LID EACH	INLETS TY A TY 3 FR & GR EACH	MANHOLES TO BE ADJUSTED EACH	MANHOLES TBA W/ NEW TY 1 FRAME, CLOSED LID EACH	INLETS TBA W/ NEW TY 1 FRAME, CLOSED LID EACH	CATCH BASIN TY C TY 3 FR & GR EACH	PIPE UNDER-DRAINS 4" FOOT	INLETS, SPECIAL, WITH SPECIAL FRAME & GRATE EACH
	STATION	OFFSET	STATION	OFFSET	6"	12"								
100S FRANKLIN ST.	1210+33.6	LT										1		
100N FRANKLIN ST. (MAIN TO S. PARK)	1210+86.5	LT										1		
100/200N FRANKLIN ST. (S. PARK TO N. PARK)	1214+86.4	LT					1							
	1214+87.8	LT								1				
	1214+88.4	LT	1215+14.6	LT		27								
	1215+15.9	LT										1		
	1215+87.0	LT										1		
	1215+88.7	LT	1215+91.8	LT		3								
200N FRANKLIN ST. (PRAIRIE TO WILLIAM)	1215+93.8	LT					1							
200N FRANKLIN ST. (N. PARK TO WILLIAM)	1214+93.6	RT										1		
200N FRANKLIN ST. (N. PARK TO WILLIAM)	1216+29.7	LT					1							
	1216+31.7	LT	1216+60.0	LT		28								
	1216+40.9	LT								1				
	1216+61.3	LT									1			
	1218+17.5	LT						1						
	1218+18.7	LT	1218+30.0	LT		44								
	1218+30.6	LT					1							
	1218+63.7	LT						1						
300N FRANKLIN ST.	1218+70.1	LT					1							
	1218+70.2	LT								1				
	1218+72.1	LT	1219+32.7	LT		62								
	1219+34.0	LT						1						
	1219+34.8	LT	1219+43.1	LT		10								
	1219+44.0	LT	1219+97.6	LT		54								
	1219+43.5	LT												1
	1219+43.5	LT	1219+43.5	LT	6									
	1219+98.6	LT	1221+93.5	LT									195	1
	1221+99.2	LT						1						
	1222+14.5	LT							1					
	1218+68.7	RT								1				
1218+69.9	RT						1							
1222+24.8	RT								1					
1222+76.3	RT							1						
PROJECT TOTAL					6	228	5	5	2	1	4	6	195	2

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TRAFFIC SIGNAL & HANDHOLE SCHEDULE

ALIGNMENT	LOCATION				TRAFFIC SIGNAL POST, 10 FT EACH	CONCRETE FOUNDATION TYPE A FOOT	HANDHOLE EACH	DRILLING EXISTING HANDHOLE EACH	PED. SIG. HEAD, LED, 1-FACE, POST MOUNTED EACH	REMOVE EXISTING CONCRETE FOUND. EACH	RELOCATE EXISTING SIGNAL HEAD & POST EACH	REMOVE EXISTING TRAFFIC CONTROL EQUIPMENT EACH
	STATION	OFFSET	STATION	OFFSET								
FRANKLIN/WOOD INTERSECTION	1206+94.5	RT				3						
	1206+96.1	RT								1		
	1206+96.1	RT	1206+94.5	RT							1	
	1207+01.2	RT						1				
FRANKLIN/S. PARK INTERSECTION	1212+77.3	LT			1	3			2			
	1212+81.8	LT					1					
	1213+53.1	LT			1	3	1		2			
	1213+70.3	LT						1				
FRANKLIN/PRAIRIE INTERSECTION	1213+66.2	RT							1			1
	1214+21.6	LT				3						
	1214+22.5	LT					1			1		
	1214+22.5	LT	1214+21.6	LT							1	
	1214+65.0	LT	1214+68.0	LT							1	
	1214+65.0	LT					1			1		
	1214+68.0	LT				3						
	1214+90.5	LT				3			1			
	1214+98.1	LT					1			1		
	1214+98.1	LT	1214+90.5	LT							1	
FRANKLIN/WILLIAM INTERSECTION	1218+22.7	LT				3						
	1218+15.3	LT	1218+22.7	LT							1	
	1218+15.3	LT					1			1		
FRANKLIN/NORTH ST. INTERSECTION	1222+01.9	RT								1		
	1222+17.0	RT				3						
	1222+01.9	RT	1222+17.0	RT							1	
	1222+14.4	RT						1				
	1222+22.9	RT					1					
	1222+24.9	RT								1		
	1222+24.9	RT	1222+28.9	RT							1	
	1222+28.9	RT				3						
	1222+36.8	RT								1		
	1222+36.8	RT	1222+41.8	RT							1	
1222+41.8	RT				3							
1222+53.8	RT					1						
1222+66.9	RT				1	3.0			1			
PROJECT TOTAL					3	33	8	3	8	8	8	1

TRAFFIC SIGNAL ELECTRIC CABLE IN CONDUIT SCHEDULE

ALIGNMENT	LOCATION				REMOVE ELEC. CABLE FROM CONDUIT FOOT	UNDERGROUND CONDUIT, GS		UNDERGROUND CONDUIT, PVC, 2" DIA. FOOT	ELECTRIC CABLE IN CONDUIT SIGNAL NO. 12			ELEC. CABLE IN CONDUIT, EQUIP. GROUND. CONDUCTOR NO. 6 1C FOOT
	STATION	OFFSET	STATION	OFFSET		2"	3"		4C	5C	7C	
						FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
FRANKLIN/WOOD INTERSECTION	1206+96.1	RT	1207+02.0	RT	148.0							
	1207+01.0		1207+02.0		56.0			7	100	50	50	55
FRANKLIN/S. PARK INTERSECTION	1214+22.5	LT	1214+58.0	LT	47.0							
	1214+65.0	LT	1214+58.0	LT	26.0							
	1214+98.1	LT	1214+58.0	LT	51.0							
	1214+84.0	LT	1214+58.0	LT	249.0							
FRANKLIN/PRAIRIE INTERSECTION						25	71	12	303		161	287
								37	393	144	171	628
FRANKLIN/WILLIAM INTERSECTION	1218+15.3	LT	1218+83.0	RT	300.0							
	1218+83.0	LT	1218+82.0	RT	288.0							
	1218+82.0	RT	1218+97.0	RT	104.0							
FRANKLIN/NORTH ST. INTERSECTION	1222+01.9	RT	1222+14.1	RT	74.0			13		418	209	376
	1222+24.9	RT	1222+14.1	RT	35.0							
	1222+36.8	RT	1222+14.1	RT	46.0							
	1222+09.0	LT	1222+14.1	RT	344.0							
	1220+01.0	LT	1222+09.0	LT	76.0							
PROJECT TOTAL					1,844	25	71	155	1,163	1,143	591	2,030

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USER NAME = rkochar	DESIGNED -	REVISED -		DECATUR CHICAGO ROCKFORD (317) 422-8544 (773) 714-0050 (815) 489-0050 184-001397	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	SCHEDULE OF QUANTITIES	G-14 15 of 103 sheets
PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -					
PLOT DATE = 2/5/2014	CHECKED -	REVISED -					
	DATE = 10-31-13	REVISED -					

WATER SERVICES SCHEDULE

LOCATION				WATER MAIN REMOVAL 6"	DUCTILE IRON WATER MAIN 6"	FIRE HYDRANT TO BE MOVED EACH	FIRE HYDRANT TO BE ADJUSTED EACH	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED EACH	VALVE BOXES TO BE ADJUSTED EACH
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	FOOT	FOOT	EACH	EACH	EACH
100S FRANKLIN ST.	1210+21.2	LT							1
100N FRANKLIN ST. (MAIN TO PRAIRIE)	1210+96.5	RT	1211+02.0	RT	7.8	7.8	1		
	1213+70.3	RT							1
100N FRANKLIN ST. (MAIN TO S. PARK)	1211+65.6	LT							1
	1211+94.7	LT							1
	1211+96.0	LT							1
100/200N FRANKLIN ST. (S. PARK TO N. PARK)	1212+76.0	LT					1		
	1214+86.4	LT							
	1214+88.4	LT	1215+14.6	LT					
	1215+15.9	LT							
	1215+87.0	LT							
200N FRANKLIN ST. (PRAIRIE TO WILLIAM)	1215+88.7	LT	1215+91.8	LT					
	1215+93.8	LT							
200N FRANKLIN ST. (PRAIRIE TO WILLIAM)	1214+92.5	RT	1214+97.9	RT	7.4	6.9	1		
200N FRANKLIN ST. (N. PARK TO WILLIAM)	1216+49.4	LT						1	
	1217+31.5	LT							1
	1217+32.0	LT							1
300N FRANKLIN ST.	1218+82.9	LT							1
	1219+05.3	LT							1
	1219+13.3	LT							1
	1219+83.2	LT							1
	1219+87.2	LT							1
	1222+13.0	RT	1222+16.8	RT	6.3		1		
PROJECT TOTAL					22	15	3	2	12

BRICK PAVERS

LOCATION					BRICK PAVERS SQ. FT.
ALIGNMENT	STATION	OFFSET	STATION	OFFSET	SO. FT.
100S FRANKLIN ST.	1206+90.8	LT	1206+94.7	LT	21
	1210+29.7	LT	1210+35.9	LT	183
	1206+91.6	RT	1206+97.0	RT	83
	1207+04.9	RT	1207+18.4	RT	40
	1210+29.7	RT	1210+35.1	RT	16
100N FRANKLIN ST. (MAIN TO PRAIRIE)	1210+81.7	LT	1210+92.4	LT	76
	1212+92.4	LT	1213+00.5	LT	31
	1213+38.3	LT	1213+41.0	LT	26
	1210+87.4	RT	1210+92.5	RT	17
	1211+01.8	RT	1212+83.4	RT	534
	1214+33.6	RT	1214+40.2	RT	21
200N FRANKLIN ST. (PRAIRIE TO WILLIAM)	1215+83.9	LT	1215+86.7	LT	26
	1216+24.3	LT	1216+32.5	LT	32
	1216+41.6	LT	1217+36.3	LT	276
	1217+49.6	LT	1217+63.5	LT	39
	1217+76.7	LT	1218+03.6	LT	89
	1218+12.6	LT	1218+25.4	LT	99
	1214+88.5	RT	1214+97.1	RT	35
	1216+41.6	RT	1218+03.6	RT	522
	1218+12.6	RT	1218+19.1	RT	21
	1218+63.1	LT	1218+75.6	LT	74
300N FRANKLIN ST.	1218+82.6	LT	1222+05.0	LT	932
	1222+14.0	LT	1222+25.7	LT	87
	1218+67.7	RT	1218+73.6	RT	17
400N FRANKLIN ST.	N/A	LT	N/A	LT	
PROJECT TOTAL					3,297

SITE FURNISHINGS

ALIGNMENT	LOCATION		PLANTER EACH	TREE GRATES EACH	BENCHES EACH	BOLLARDS EACH
	STATION	OFFSET				
100S FRANKLIN ST.	1210+29.5	LT	1			
	1210+30.1	LT			1	
	1210+28.1	LT				
	1206+95.9	RT				
	1210+30.3	RT				
100N FRANKLIN ST. (MAIN TO PRAIRIE)	1213+55.2	LT			1	
	1211+06.0	RT				
	1211+33.1	RT		1		
	1211+63.1	RT		1		
	1211+63.1	RT		1		
	1212+53.1	RT		1		
	1212+67.8	RT			1	
	1212+81.6	RT				
	1214+17.9	RT			1	
	1214+22.1	RT				
200N FRANKLIN ST. (PRAIRIE TO WILLIAM)	1215+69.3	LT			1	
	1216+45.2	LT				
	1216+72.9	LT		1		
	1217+02.9	LT		1		
	1218+00.0	LT				
	1215+07.1	RT				
	1215+13.6	RT			1	
	1215+73.0	RT				1
	1215+84.8	RT				1
	1215+96.5	RT				1
	1216+43.2	RT				
	1217+13.0	RT				1
	1217+24.7	RT				1
	1217+36.5	RT				1
	1217+54.0	RT		1		
300N FRANKLIN ST.	1218+01.4	RT				
	1218+85.5	LT				
	1219+03.4	LT		1		
	1219+33.4	LT		1		
	1219+93.4	LT		1		
	1220+23.4	LT		1		
	1220+53.4	LT		1		
	1221+13.4	LT		1		
	1221+43.4	LT		1		
	1221+73.4	LT		1		
	1222+01.1	LT				
	1218+75.9	RT			1	
	1218+76.7	RT	2			
1218+85.8	RT	1				
1218+91.0	RT	1				
1219+00.0	RT					
400N FRANKLIN ST.	1219+08.0	RT			1	
PROJECT TOTAL			5	15	8	6

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USER NAME: rkocher	DESIGNED: -	REVISED: -
	DRAWN: -	REVISED: -
PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISED: -
PLOT DATE: 3/6/2014	DATE: 10-31-13	REVISED: -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
CHICAGO (773) 714-0050
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184-001597

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SCHEDULE OF QUANTITIES

PLANT MATERIAL

ALIGNMENT	LOCATION				T-ACER SACR GM 2-1/2	T-ACERX FREM AM 3	T-ACERX FREM AB 4	T-ACER MIY MOR 4	T-CELTIS OCCID CL 3	T-GLED TRI-1 SK 3-1/2	T-ULMUS ACCOL HE 4	T-TILIA AMER RD 3	S-BUXUS MICRO WG 2	E-JUNIPER SB BF WD 3G	P PL ORNAMENT T QRT P	P PL ORNAMENT T GAL P	P PL PRAIRIE TY GAL P	SODDING SPL	
	STATION	OFFSET	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	UNIT	UNIT	UNIT	SO. YD.	
100S FRANKLIN ST.	1207+03.7	LT	1208+54.0	LT														121	
	1207+29.2	LT			1														
	1207+59.2	LT					1												
	1207+89.2	LT																	
	1208+29.2	LT					1												
	1208+73.0	LT	1209+77.2	LT														60	
	1209+24.4	LT			1														
	1209+54.4	LT																	
	1209+93.3	LT	1210+20.7	LT														36	
	1207+18.9	RT	1208+47.6	RT														67	
	1207+29.2	RT			1														
	1207+59.2	RT																	
	1207+89.2	RT					1												
	1208+29.2	RT																	
	1208+80.0	RT	1209+10.0	RT														13	
	1209+84.4	RT			1														
	1209+45.7	RT	1210+20.7	RT														60	
	1210+32.1	RT	1210+40.4	RT														25	
	1210+35.1	RT								1									
	100N FRANKLIN ST. (MAIN TO PRAIRIE)	1211+01.6	LT	1211+93.4	LT														114
		1211+33.1	LT				1												
		1211+63.1	LT				1												
		1212+12.4	LT	1212+83.5	LT														87
1212+53.1		LT											1						
1213+50.1		LT	1214+24.6	LT														94	
1214+33.6		LT	1214+62.5	LT														40	
1211+01.8		RT	1211+21.8	RT													0.09		
1211+03.6		RT	1211+22.7	RT															
1211+33.1		RT												6					
1211+63.1		RT					1			1									
1211+93.1		RT																	
1212+53.1		RT						1											
1212+63.0		RT	1212+83.4	RT												1.1			
1212+92.4		RT	1213+41.1	RT														59	
1213+49.6		RT	1214+24.6	RT														89	
1213+79.3		RT																	
1214+09.3		RT					1												
200N FRANKLIN ST. (PRAIRIE TO WILLIAM)		1214+33.4	RT	1214+50.2	RT														54
		1214+38.8	RT																
	1214+62.5	LT	1214+97.1	LT														40	
	1215+06.1	LT	1215+74.9	LT														87	
	1216+41.5	LT	1216+66.9	LT													0.12		
	1216+43.7	LT	1216+69.3	LT											8				
	1216+72.9	LT					1												
	1217+02.9	LT																	
	1217+83.0	LT	1218+01.6	LT											6				
	1217+85.3	LT	1218+03.6	LT															
	1218+12.1	LT	1218+25.7	LT															
	1214+81.9	RT	1214+97.7	RT														50	
	1215+06.1	RT	1215+74.9	RT														87	
	1215+23.0	RT					1												
	1215+53.0	RT						1											
	1215+83.9	RT	1216+32.6	RT														61	
	1216+41.6	RT	1216+61.5	RT												1.1			
	1217+54.0	RT								1									
1217+78.4	RT	121+83.6	RT												1.4				
1218+12.1	RT	1218+25.8	RT														40		
1218+16.8	RT								1										

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PLANT MATERIAL

ALIGNMENT	LOCATION				T-ACER SACR GM 2-1/2	T-ACERX FREM AM 3	T-ACERX FREM AB 4	T-ACER MIY MOR 4	T-CELTIS OCCID CL 3	T-GLED TRI-I SK 3-1/2	T-ULMUS ACCOL HE 4	T-TILIA AMER RD 3	S-BUXUS MICRO WG 2	E-JUNIPER SB BF WD 3G	P PL ORNAMENT T ORT P	P PL ORNAMENT T GAL P	P PL PRAIRIE TY GAL P	SODDING SPL SQ. YD.
	STATION	OFFSET	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	UNIT	UNIT	UNIT	
300N FRANKLIN ST.	1218+82.6	LT	1219+15.3	LT										10			0.16	
	1218+84.6	LT	1219+19.1	LT														
	1219+03.4	LT				1												
	1219+33.4	LT										1						
	1219+93.4	LT								1								
	1220+23.4	LT				1												
	1220+53.4	LT									1							
	1221+13.4	LT								1								
	1221+43.4	LT					1											
	1221+73.4	LT								1								
	1221+87.6	LT	1222+03.0	LT										5				
	1221+90.8	LT	1222+05.0	LT														
	1218+61.2	RT	1218+74.1	RT														40.0
	1218+82.6	RT	1222+05.0	RT														313.0
	1219+33.4	RT					1											
	1219+93.4	RT									1							
	1220+23.4	RT																
	1220+53.4	RT				1												
	1221+13.4	RT																
	1221+43.4	RT										1						
1221+73.4	RT								1									
1221+87.3	RT	1222+22.9	RT										9					
1221+91.7	RT	1222+46.5	RT															
1222+24.6	RT	1222+59.0	RT													0.63	0.38	
400N FRANKLIN ST.	1222+81.6	LT	1223+06.2	LT													0.25	
	1222+83.5	LT	1223+07.8	LT										7				
	1223+04.0	LT	1224+27.2	LT														79
	1222+14.2	RT	1222+70.1	RT														51
	1222+46.5	RT	1223+00.0	RT														
	1222+60.6	RT	1223+01.7	RT										9				0.37
	1222+79.1	RT	1224+40.4	RT														
	1225+05.8	RT	1225+73.9	RT														125
PROJECT TOTAL					5	6	9	4	3	6	7	3	18	42	6.60	0.63	1.52	1930

FIBER COMMUNICATIONS

Fiber Optics	UNDERGROUND				
	ID No.	ID	CONDUIT PVC		FIBER OPTIC INNERDUCT, 1-1/4" SPECIAL
			1" DIA (FOOT)	4" DIA (FOOT)	
Cap	F1		75	225	
F1	F2		83	249	
F2	F3		298	894	
F3	F4		96	288	
F4	F5		206	618	
F5	F6		124	372	
F6	F7		140	420	
F7	F8		336	1008	
F8	F9		379	1137	
F2	C1-6	6			
F3	C1-9	19			
F4	C1-10	14			
F5	C1-15	7			
F7	C1-18	65			
F7	EXIST		63		
F8	C2-24	22			
F9	C3-31	20			
F9	EXIST	6			
Totals:		159	1800	5211	

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USER NAME = rkooper	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE = 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

DECATUR (217) 422-8544
CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SCHEDULE OF QUANTITIES

FESTIVAL POWER						
Panel	Circuits	ID No.	ID	Underground Conduit PVC		
				2"	3"	
				(FOOT)	(FOOT)	
FM	31, 33, 35	FM	FH1	276		
	37, 39, 41	FM	FH2	484		
Panel Totals:				760	0	
FEST-1	3	FEST-1	FH5			
			FH6			
	4	FEST-1	FH10	FH11		
			FH11	FH12		
	5	FEST-1	FH7	FH8		
			FH9		176	
	7	FEST-1	FH4	FH3	104	
			FH3		252	
	Panel Totals:				532	0
	FW-1	1	FW-1	FH14	94	
FH13				274		
2		FW-1	FH15	FH16	210	
			FH16	FH17	160	
4		FW-1	FH17		306	
Panel Totals:				1044	0	
FEST-3	1, 3, 5	FEST-3	FH22	30		
			FH23		140	
			FH24		426	
	2, 4, 6	FEST-3	FH20		246	
			FH18			
			FH19	112		
	7, 9, 11	FEST-3	FH21			
			FH25			
	Panel Totals:				142	812
	NW	1	NW	FH25		
	Panel Totals:				0	0
FEST-2	1, 3, 5	FEST-2	FH27			
			FH28			
	2, 4, 6	FEST-2	FH29			
			FH30			
Panel Totals:				0	0	
Column Total				2478	812	
Festival Power Total				2478	812	

ID No.	ID	Underground Conduit PVC		Wiring			Ground #6 (FOOT)
		4"	2"	350 MCM	(4) #3/0	(4) #1/0	
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	
Man Hole	FM	112			448	448	
XFMR	FW1	240		960			
FW2	FN		396			1584	396
Totals:		352	396	960	448	2032	396

Panel FM	Circuits	ID No.	ID	Underground Conduit PVC 1 1/2" (FOOT)	Lights Wiring			Receptacles Wiring						Ground Wiring							
					(2hot, 1N)	(2hot, 1N)	(2hot, 1N)	Hot			Neutral			(12)	(10)	(8)	(6)				
					#12 (FOOT)	#10 (FOOT)	#8 (FOOT)	#12 (FOOT)	#10 (FOOT)	#8 (FOOT)	#6 (FOOT)	#12 (FOOT)	#10 (FOOT)	#8 (FOOT)	#6 (FOOT)	#12 (FOOT)	#10 (FOOT)	#8 (FOOT)	#6 (FOOT)		
1, 3	FM	H4	H4	115	345																
			C1-4	9	27																
2, 4	FM	H8	H8	117	351																
			H9	113	339																
			C1-9	37	111																
			C1-10	9	27																
5, 7	FM	H4	H4	115		345															
			H3	120		360															
			H2	92		276															
			H1	101		303												101			
			C1-3	7		21															
			C1-2	7		21															
			C4-1	24		72													24		
			C4-1	6		18													6		
			6, 8	FM	H7	H7	164	492													
						H6	91	273													
H5	87	261																			
C1-8	7	21																			
C1-7	7	21																			
C1-6	11	33																			
C4-5	14	42																14			
20	FM	H8	H8					117				117					117				
			H9				113				113					113					
			C1-11				7				7				7						
22	FM	H8	H8					117				9				9					
			C1-10				9				9										
23	FM	H4	H4					115				115				115					
			C1-4				9				9			9							
24	FM	C1-9						37				37				37					
25	FM	H4	H4							115				115			115				
			H3								120				120		120				
			C1-3								7				7		7				
26	FM	H7	H7							164				164		164					
			C1-8								7				7						
27	FM	H4	H4							115											
			H3							120											
			H2								92					92					
			C1-2								7				7						
28	FM	H7	H7							164											
			H6								91				91						
			C1-7								7				7						
30	FM	H7	H7							164											
			H6								91				91						
			H5									87			87						
			C1-6									11			11						
Totals:				1260	1221	1143	1416	124	400	1362	0	124	283	708	0	124	297	839	0		

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USER NAME: rkocho	DESIGNED: -	REVISED: -	 CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	DECATUR (317) 422-8544 CHICAGO (773) 714-0050 ROCKFORD (815) 489-0050 184-001597	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	SCHEDULE OF QUANTITIES	G-18 19 of 103 sheets
PLOT SCALE: 1/8" = 1'-0"	DRAWN: -	REVISED: -					
CHECKED: -	DATE: 10-31-13	REVISED: -					
PLOT DATE: 3/6/2014	DATE: 10-31-13	REVISED: -					

LIGHT SCHEDULE							
LOCATION	STATION	OFFSET	FIXTURE TYPE	DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL EACH	LIGHT POLE FOUNDATION, 30" DIAMETER FOOT	LIGHT POLE FOUNDATION, SPECIAL FOOT	LUMINAIRE MOUNTING BRACKET - SPECIAL EACH
WOOD ST/FRANKLIN STREET	1206+30.2	RT	C4	1			1
	1206+95.9	LT	C4	1		7	
	1207+14.3	RT	C1	1		7	
FRANKLIN STREET	1208+04.1	RT	C1	1		7	
	1208+04.2	LT	C1	1		7	
	1208+94.4	RT	C1	1		7	
	1208+94.4	LT	C1	1		7	
E. MAIN ST/FRANKLIN STREET	1210+19.6	LT	C1	1		7	
	1210+32.9	RT	C1	1		7	
	1211+02.8	RT	C1	1		7	
	1212+23.1	RT	C1	1		7	
	1212+23.1	LT	C1	1		7	
S. PARK ST/FRANKLIN STREET	1213+17.0	RT	C1	1		7	
FRANKLIN STREET	1213+78.6	LT	C1	1		7	
PRAIRIE ST/FRANKLIN STREET	1214+23.6	RT	C2	1		7	
	1215+07.1	RT	C1	1		7	
FRANKLIN STREET	1215+52.1	LT	C1	1		7	
N. PARK ST/FRANKLIN STREET	1216+08.2	RT	C1	1		7	
	1216+42.5	LT	C1	1		7	
FRANKLIN STREET	1217+01.3	RT	C1	1		7	
	1217+32.9	LT	C1	1		7	
WILLIAM ST/FRANKLIN STREET	1218+02.6	LT	C1	1		7	
	1218+13.2	RT	C1	1		7	
	1218+83.6	RT	C2	1		7	
FRANKLIN STREET	1219+63.4	LT	C1	1		7	
	1219+63.4	RT	C2	1		7	
	1220+83.4	RT	C1	1		7	
	1220+83.4	LT	C1	1		7	
NORTH ST/FRANKLIN STREET	1222+04.0	LT	C1	1		7	
	1222+04.7	RT	C1	1		7	
	1222+98.4	RT	C3	1		7	
FRANKLIN STREET	1223+90.1	LT	C1	1		7	
	1223+93.3	RT	C1	1		7	
	1225+09.6	RT	C1	1		7	
	1225+14.6	LT	C1	1		7	
TOTAL				35	231	7	1

ELECTRICAL SITE PREPARATION SCHEDULE							
LOCATION	STATION	OFFSET	REMOVAL OF LIGHTING UNIT, NO SALVAGE EACH	REMOVAL OF POLE FOUNDATION EACH	REMOVAL OF ELECTRIC SERVICE INSTALLATION EACH	REMOVE EXISTING HANDHOLE EACH	HANDHOLE TO BE ADJUSTED EACH
WOOD ST/FRANKLIN STREET	1206+30.3	RT	1				
	1206+94.2	LT	1	1			
	1207+09.5	RT	1	1			
FRANKLIN STREET	1208+04.2	LT	1	1			
	1208+08.2	RT	1	1			
	1208+94.4	RT	1	1			
	1209+09.7	LT	1	1			
E. MAIN ST/FRANKLIN STREET	1210+22.0	LT	1	1			
	1210+30.7	RT	1	1			
	1211+12.6	RT	1	1			
FRANKLIN STREET	1212+19.5	LT	1	1			
	1212+20.5	RT	1	1			
S. PARK ST/FRANKLIN STREET	1213+22.5	RT	1	1			
PRAIRIE ST/FRANKLIN STREET	1214+34.8	RT	1	1			
	1215+11.2	RT	1	1			
N. PARK ST/FRANKLIN STREET	1216+11.4	RT	1	1			
FRANKLIN STREET	1217+28.5	RT	1	1			
	1217+35.2	LT	1	1			
WILLIAM ST/FRANKLIN STREET	1218+02.1	LT	1	1			
	1218+16.2	RT	1	1			
	1218+16.5	RT			1		
	1219+01.8	RT	1	1			
FRANKLIN STREET	1219+75.3	LT	1	1			
	1219+90.7	RT	1	1			
	1220+97.7	RT	1	1			
	1220+98.4	LT	1	1			
	1221+96.6	LT	1	1			
NORTH ST/FRANKLIN STREET	1222+05.3	LT	1	1			
	1222+98.3	RT	1	1			
FRANKLIN STREET	1223+90.1	RT	1	1			
	1223+93.2	LT	1	1			
	1225+09.6	RT	1	1			
	1225+14.4	LT	1	1			
E. MAIN ST/FRANKLIN STREET	1210+32.0	LT				1	
S. PARK ST/FRANKLIN STREET	1213+43.3	RT				1	
WILLIAM ST/FRANKLIN STREET	1218+16.4	RT				1	
NORTH ST/FRANKLIN STREET	1222+97.0	RT				1	
WOOD ST/FRANKLIN STREET	1206+93.3	LT					1
	1206+97.7	LT					1
	1207+02.2	RT					2
E. MAIN ST/FRANKLIN STREET	1210+24.2	RT					1
	1210+25.1	LT					1
	1210+99.8	RT					1
	1211+00.8	LT					1
	1211+60.8	LT					1
WILLIAM ST/FRANKLIN STREET	1218+82.1	RT					1
	1218+97.9	RT					1
NORTH ST/FRANKLIN STREET	1222+09.6	LT					1
	1222+14.1	RT					1
	1222+85.8	LT					1
TOTAL			32	31	1	4	14

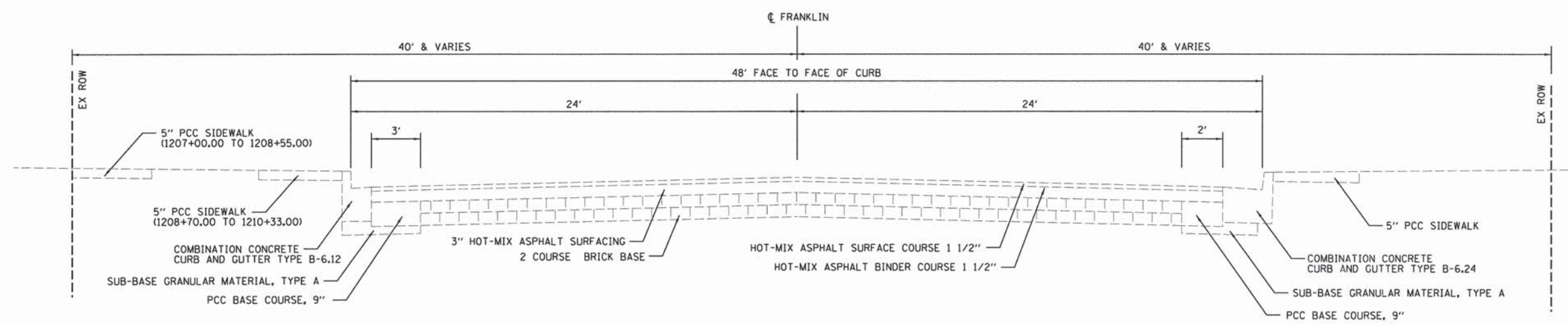
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USER NAME = rkooper	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,000' = 1"	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE -- 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS
 DECATUR (217) 422-8544
 CHICAGO (773) 714-0050
 ROCKFORD (815) 489-0050
 184-001397

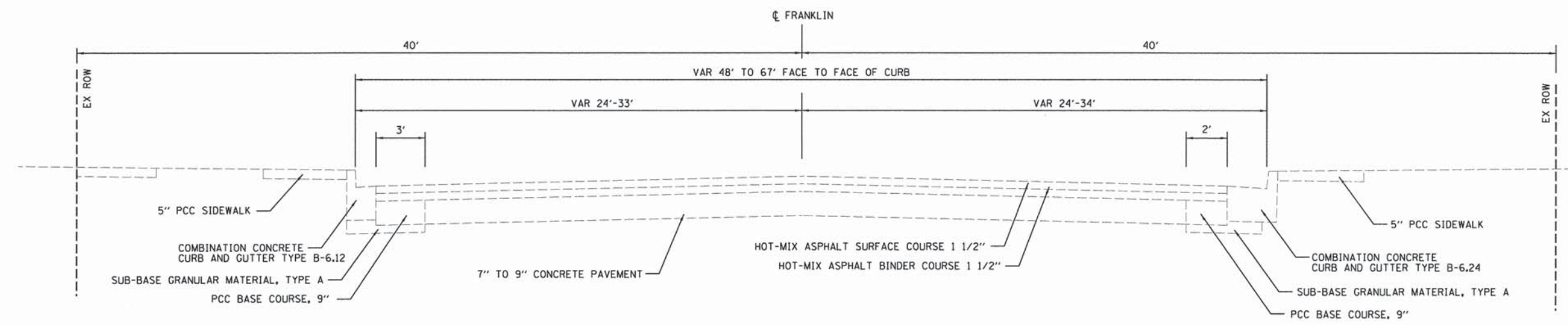
FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

SCHEDULE OF QUANTITIES



FRANKLIN STREET EXISTING TYPICAL SECTION

STA 1207+00.00 TO STA 1210+62.49

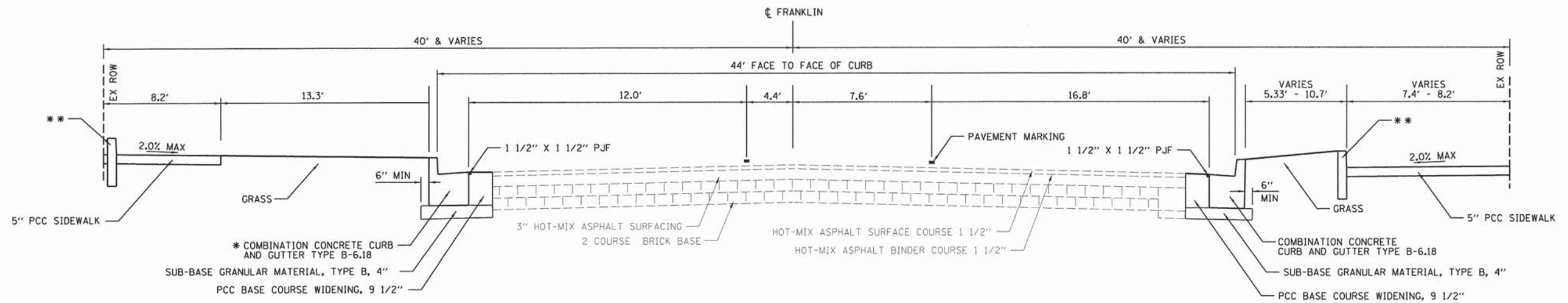


FRANKLIN STREET EXISTING TYPICAL SECTION

STA 1210+62.49 TO STA 1222+46.54

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USER NAME = rkocher	DESIGNED -	REVISED -		DECATUR (317) 422-8544 CHICAGO (773) 714-0050 ROCKFORD (815) 489-0050 184-001397	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	TYPICAL SECTIONS (EXISTING)	G-22 23 of 103 sheets
PLOT SCALE = 1/8" = 1' - 0"	DRAWN -	REVISED -					
DATE = 3/6/2014	CHECKED -	REVISED -					
DATE = 10-31-13	DATE -	REVISED -					



*** COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)**

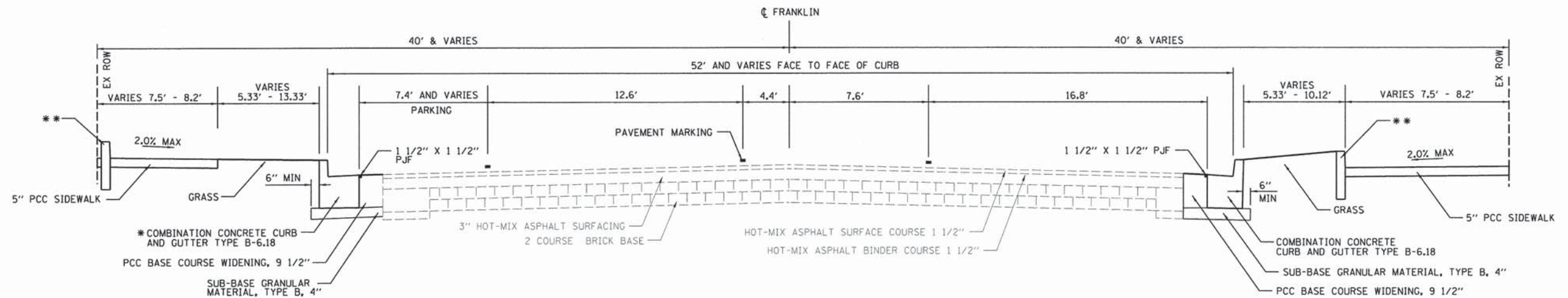
STA 1210+07.70 LT TO STA 1210+36.46 LT

FRANKLIN STREET PROPOSED TYPICAL SECTION

STA 1206+89.99 TO STA 1207+32.33
 STA 1210+07.70 TO STA 1210+62.49

**** CONCRETE CURB, TYPE B**

STA 1207+19.00 RT TO STA 1207+32.33 RT
 STA 1210+07.70 RT TO STA 1210+21.20 RT
 STA 1210+07.70 LT TO STA 1210+23.15 LT



*** COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)**

STA 1207+52.75 LT TO STA 1210+07.70 LT

FRANKLIN STREET PROPOSED TYPICAL SECTION

STA 1207+32.33 TO STA 1210+07.70

**** CONCRETE CURB, TYPE B**

STA 1207+32.33 RT TO STA 1208+48.76 RT
 STA 1208+72.96 LT TO STA 1209+77.72 LT
 STA 1208+78.91 RT TO STA 1209+11.12 RT
 STA 1209+44.58 RT TO STA 1210+07.70 RT
 STA 1209+93.25 LT TO STA 1210+07.70 LT

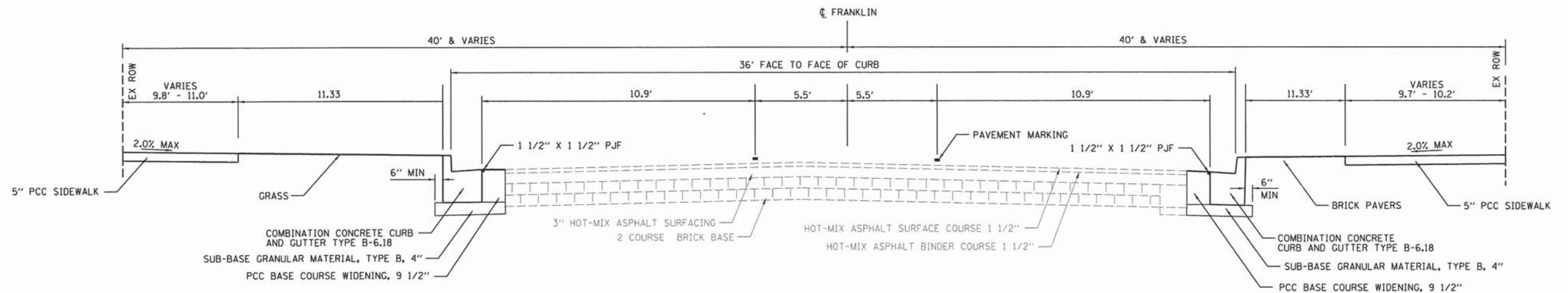
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USER NAME = rkocher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE = 10-31-13	REVISED -

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 184-001597

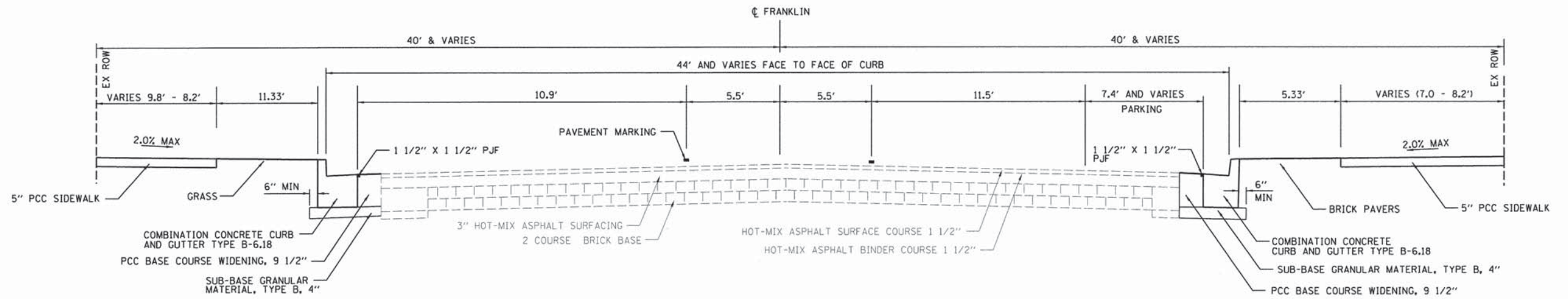
FRANKLIN STREET STREETScape ENHANCEMENT
 Decatur, Illinois

TYPICAL SECTIONS (PROPOSED)



FRANKLIN STREET PROPOSED TYPICAL SECTION

STA 1210+62.49 TO STA 1211+16.67
 STA 1212+74.46 TO STA 1212+91.93



FRANKLIN STREET PROPOSED TYPICAL SECTION

STA 1211+16.67 TO STA 1212+74.46

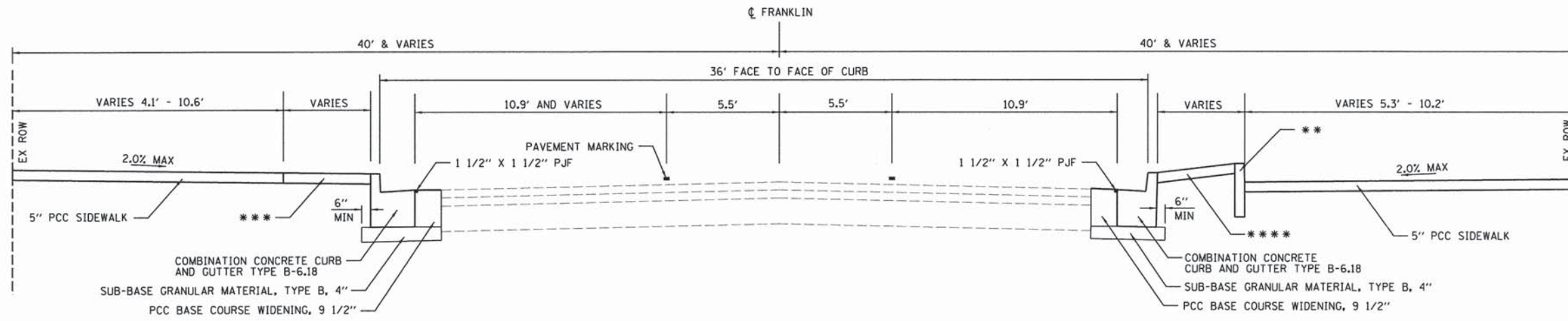
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 Decatur, Illinois

TYPICAL SECTIONS (PROPOSED)



FRANKLIN STREET PROPOSED TYPICAL SECTION

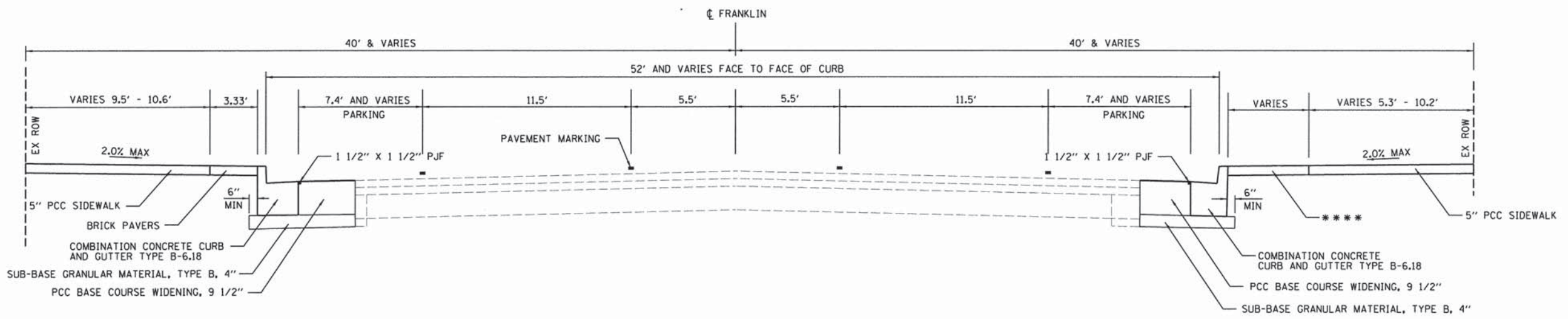
STA 1212+91.93 TO STA 1214+50.72 - 11.33' GRASS
 STA 1214+50.72 TO STA 1216+41.05 - 11.33' GRASS
 STA 1216+41.05 TO STA 1216+50.46 - 11.33' BRICK PAVERS AND PLANTER
 STA 1217+89.87 TO STA 1218+26.36 - 11.33' BRICK PAVERS AND PLANTER
 STA 1218+26.36 TO STA 1219+12.59 - 11.33' BRICK PAVERS AND PLANTER
 STA 1221+93.40 TO STA 1222+26.54 - 11.33' BRICK PAVERS AND PLANTER
 STA 1222+26.54 TO STA 1223+07.59 - NO IMPROVEMENT
 STA 1223+07.59 TO STA 1224+07.14 - NO IMPROVEMENT

STA 1212+91.93 TO STA 1214+50.72
 STA 1214+50.72 TO STA 1216+41.05
 STA 1216+41.05 TO STA 1216+50.46
 STA 1217+89.87 TO STA 1218+26.36
 STA 1218+26.36 TO STA 1219+12.59
 STA 1221+93.40 TO STA 1222+26.54
 STA 1222+26.54 TO STA 1223+07.59
 STA 1223+07.59 TO STA 1224+07.14

STA 1212+91.93 TO STA 1214+50.72 - 11.33' GRASS
 STA 1214+50.72 TO STA 1216+41.05 - 11.33' GRASS
 STA 1216+41.05 TO STA 1216+50.46 - 11.33' BRICK PAVERS AND PLANTER
 STA 1217+89.87 TO STA 1218+26.36 - 11.33' BRICK PAVERS AND PLANTER
 STA 1218+26.36 TO STA 1219+12.59 - 11.33' GRASS
 STA 1221+93.40 TO STA 1222+26.54 - 16.20' GRASS AND PLANTER
 STA 1222+26.54 TO STA 1223+07.59 - 16.20' GRASS AND PLANTER
 STA 1223+07.59 TO STA 1224+07.14 - 8.00' TO 3.00' GRASS

**** CONCRETE CURB, TYPE B**

STA 1212+91.93 RT TO STA 1213+41.61 RT
 STA 1213+49.61 RT TO STA 1214+25.10 RT



FRANKLIN STREET PROPOSED TYPICAL SECTION

STA 1216+50.46 TO STA 1217+89.87
 STA 1219+12.59 TO STA 1221+93.40

STA 1216+50.46 TO STA 1217+89.87 - 3.33' BRICK PAVERS
 STA 1219+12.59 TO STA 1221+93.40 - 8.20' GRASS

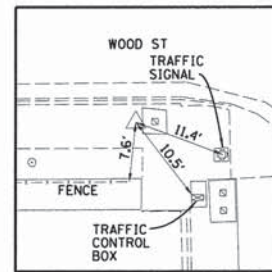
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PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE = 10-31-13	REVISED -

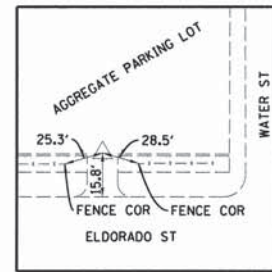
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 Decatur, Illinois

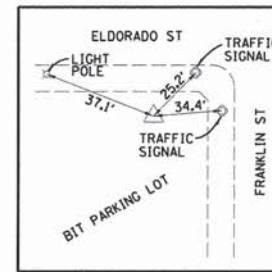
TYPICAL SECTIONS (PROPOSED)



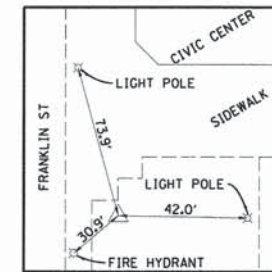
CP2
CHISELED TRIANGLE
WITH PUNCH HOLE



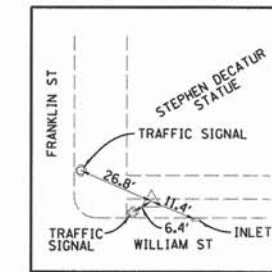
CP14
60d NAIL



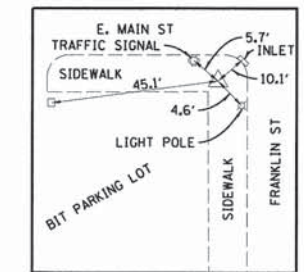
CP15
PK NAIL



CP16
IRON PIN



CP17
IRON PIN

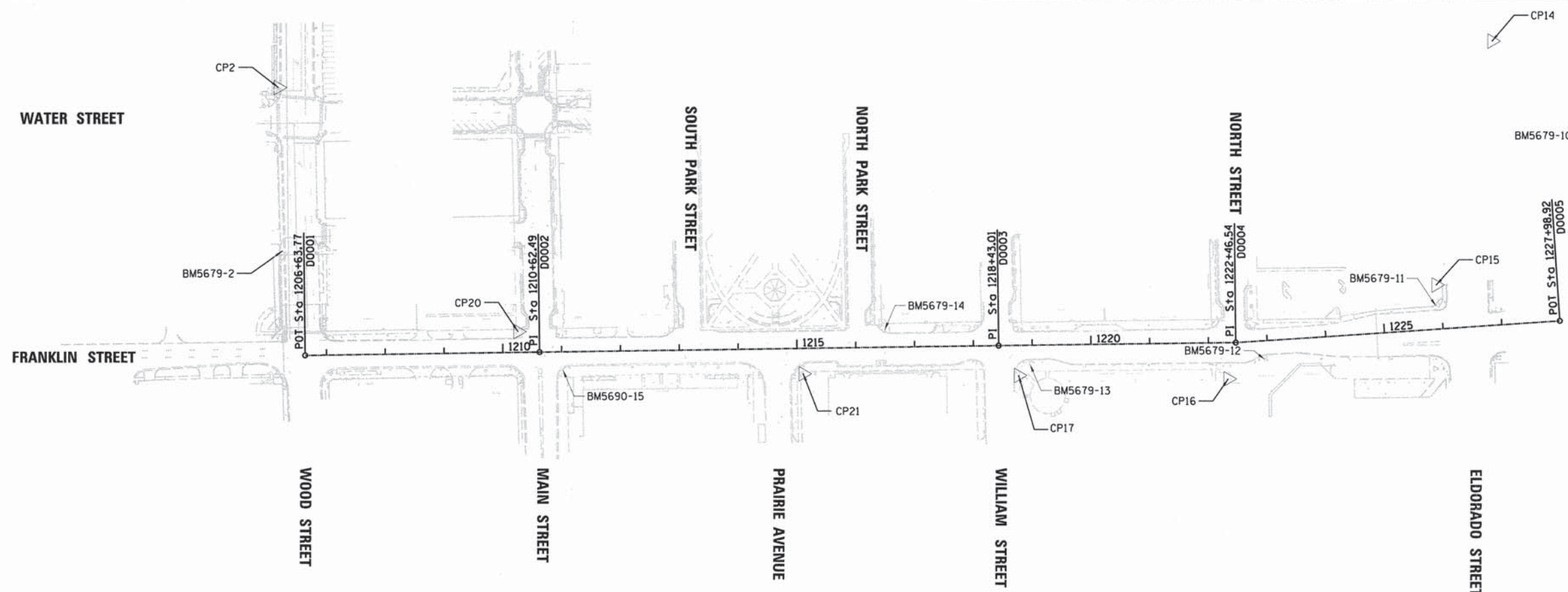


CP20
CHISELED CROSS



CP21
IRON PIN

CONTROL POINT SWING TIES



CONTROL POINT AND BENCHMARK LOCATION MAP

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USER NAME = rkaoher	DESIGNED -	REVISED -
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PLOT DATE = 3/6/2014	DATE = 10-31-13	REVISED -

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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

CONTROL POINTS,
BASELINES AND
BENCHMARKS AND
SWING TIES

CONTROL POINTS

CONTROL NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP2	1156320.668	809796.256	678.14	PUNCH HOLE
CP14	1158384.540	809714.932	679.43	60d NAIL
CP15	1158290.426	810129.132	683.72	PK NAIL
CP16	1157936.998	810289.366	676.52	IRON PIN
CP17	1157580.301	810284.074	672.79	IRON PIN
CP20	1156728.866	810210.142	672.89	CHISELED PLUS
CP21	1157213.906	810281.678	672.40	IRON PIN

FRANKLIN STREET

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=====
Point D0001      N 1,156,367.157 E 810,250.816 Sta 1206+63.77
Course from D0001 to D0002 N 0° 50' 07" W D1st 398.717
Point D0002      N 1,156,765.832 E 810,245.003 Sta 1210+62.49
Course from D0002 to D0003 N 0° 50' 51" W D1st 780.520
Point D0003      N 1,157,546.266 E 810,233.460 Sta 1218+43.01
Course from D0003 to D0004 N 0° 49' 18" W D1st 403.535
Point D0004      N 1,157,949.760 E 810,227.674 Sta 1222+46.54
Course from D0004 to D0005 N 3° 57' 20" W D1st 552.380
Point D0005      N 1,158,500.824 E 810,189.570 Sta 1227+98.92
=====
    
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BENCHMARKS

- BM5679-11 CHISELED SQUARE ON SE CORNER OF TRAFFIC SIGNAL FOUNDATION
IN SW QUADRANT OF FRANKLIN ST. & ELDORADO ST.
ELEVATION - 683.97
- BM5679-12 CHISELED SQUARE ON SE CORNER OF MAST ARM FOUNDATION
IN NE QUADRANT OF NORTH ST. & FRANKLIN ST.
ELEVATION - 678.77
- BM5679-13 CHISELED SQUARE ON NE CORNER OF MAST ARM FOUNDATION
IN NE QUADRANT OF FRANKLIN ST. & WILLIAM ST.
ELEVATION - 673.79
- BM5679-14 "M" IN MUELLER ON FIRE HYDRANT IN NW QUADRANT OF
FRANKLIN ST. & NORTH PARK ST.
ELEVATION - 675.21
- BM5690-15 "M" IN MUELLER ON FIRE HYDRANT ON NE CORNER OF
FRANKLIN ST. & MAIN ST.
ELEVATION - 674.63
- BM5679-2 "M" IN MUELLER ON FIRE HYDRANT IN FRONT OF NORTH SIDE OF
COURT HOUSE - 200' WEST OF FRANKLIN ST.
ELEVATION - 683.24
- BM5679-10 CHISELED SQUARE ON SE CORNER OF TRAFFIC SIGNAL FOUNDATION
IN THE NE QUADRANT OF ELDORADO ST. & WATER ST.
ELEVATION - 680.60

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HLC FIELD BOOK 497, 497-A & 497-B

USER NAME = rkooper	DESIGNED -	REVISED -
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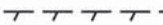








FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

CONTROL POINTS,
BASELINES, BENCHMARKS AND
SWING TIES

G-27

28 of 103 sheets

REMOVAL LEGEND

- | | | | |
|--|---------------------------|---|----------------------------|
|  | SIDEWALK REMOVAL |  | CURB AND GUTTER REMOVAL |
|  | PAVEMENT REMOVAL |  | WATER LINE REMOVAL |
|  | MEDIAN REMOVAL |  | PARKING METER POST REMOVAL |
|  | DRIVEWAY PAVEMENT REMOVAL |  | STORM SEWER REMOVAL |
|  | TREE REMOVAL AND SIZE |  | TO BE REMOVED |

WOOD STREET

POT Sta 1206+63.77

MATCHLINE STA 1209+50.00

1206+87.41
51.96' LT

1206+99.81
51.99' LT

1206+87.66
25.75' LT

1206+97.98
15.42' LT

1207+47.50
23.12' LT

1207+35.62
15.40' LT

1206+87.82
34.99' RT

1207+01.40
21.87' RT

1207+21.12
21.86' RT

RELOCATE EXISTING
TRAFFIC SIGNAL POST
(SEE SIGNAL PLANS)

1206+88.66
60.43' RT

1207+03.52
71.09' RT

1206+97.51
71.13' RT

NOTE:
CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH
SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.



USER NAME = rkooper

DESIGNED -

REVISED -

PLOT SCALE = 10.0000' / in.

DRAWN -

REVISED -

PLOT DATE = 3/6/2014

CHECKED -

REVISED -

DATE = 10-31-13

REVISED -

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CONSULTING ENGINEERS

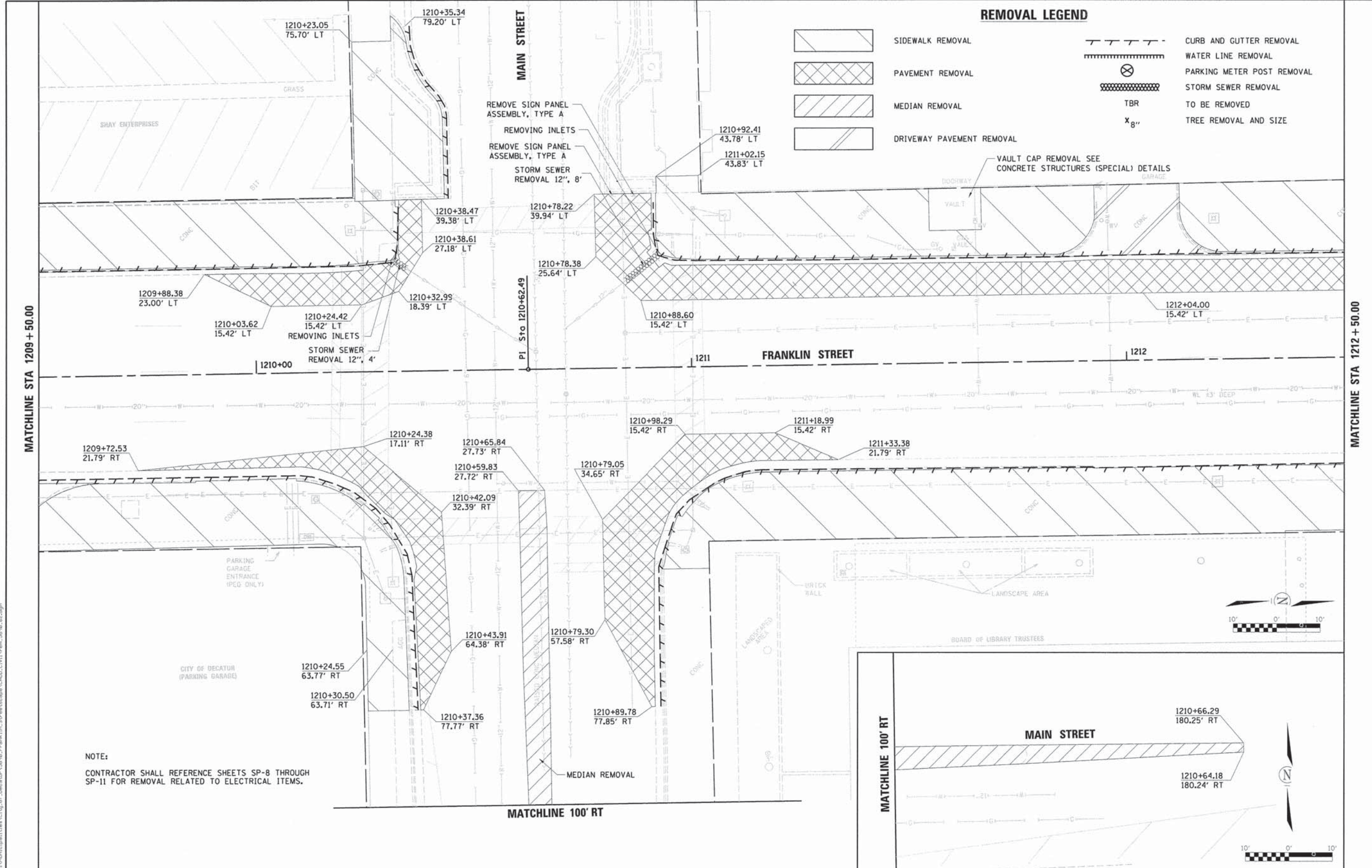
DECATUR (217) 422-8544
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184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
SITE PREPARATION PLAN
STA 1206+63.77 TO
STA 1209+50.00**






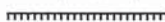




SP-1

29 of 103 sheets



NOTE:
CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.

REMOVAL LEGEND

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  MEDIAN REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  CURB AND GUTTER REMOVAL
-  WATER LINE REMOVAL
-  PARKING METER POST REMOVAL
-  STORM SEWER REMOVAL
-  TO BE REMOVED
-  TREE REMOVAL AND SIZE

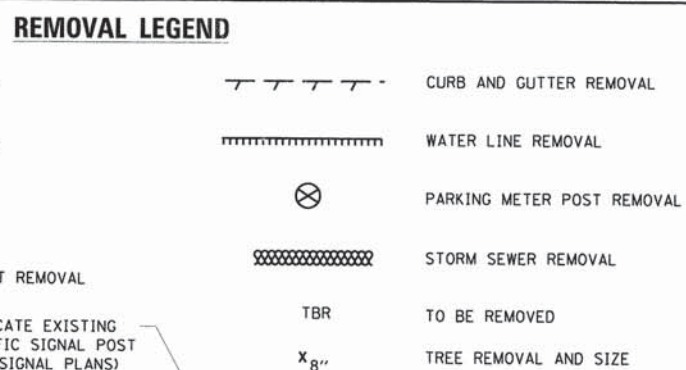
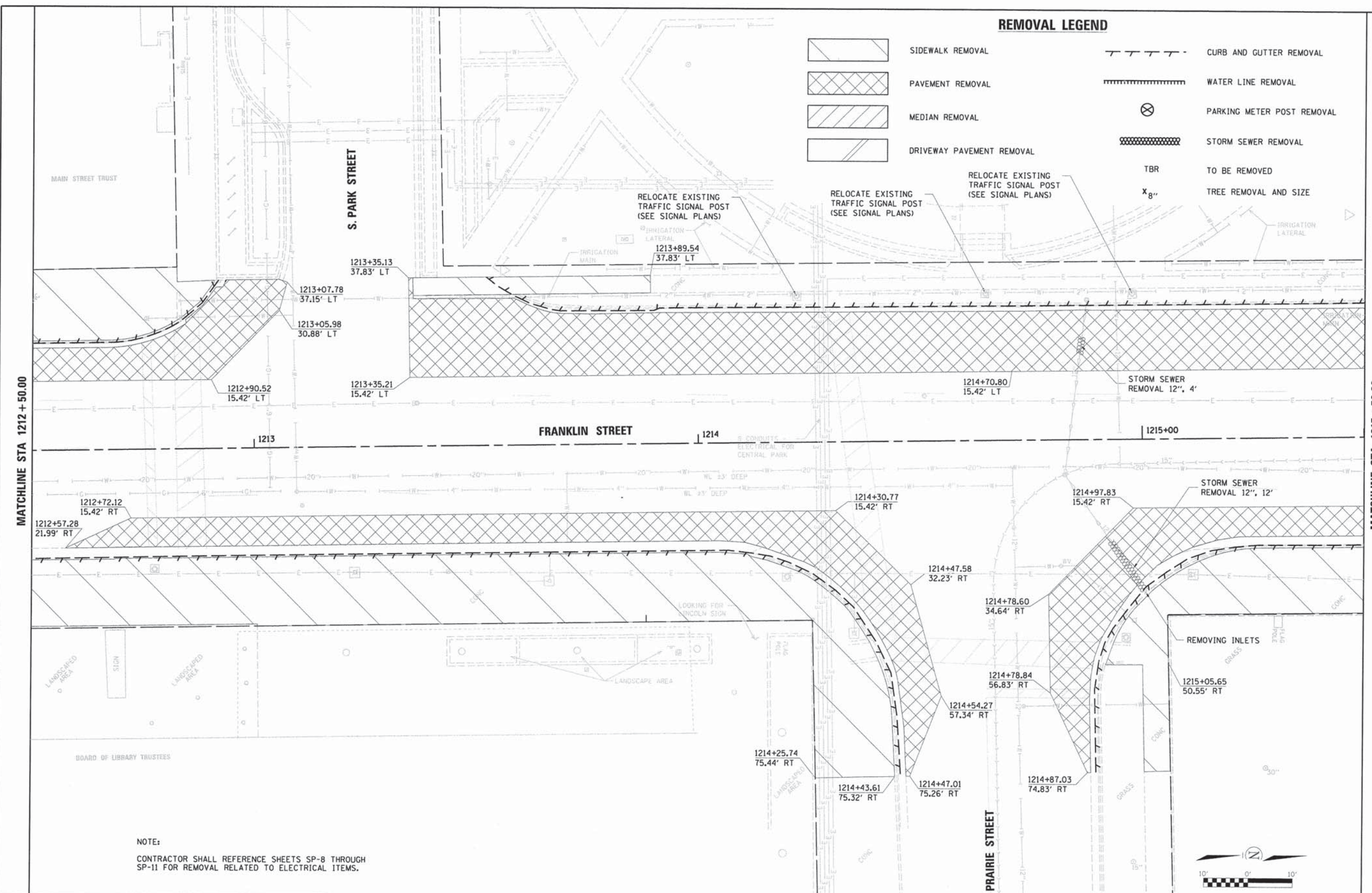
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
SITE PREPARATION PLAN
STA 1209+50.00 TO
STA 1212+50.00**



NOTE:
 CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.

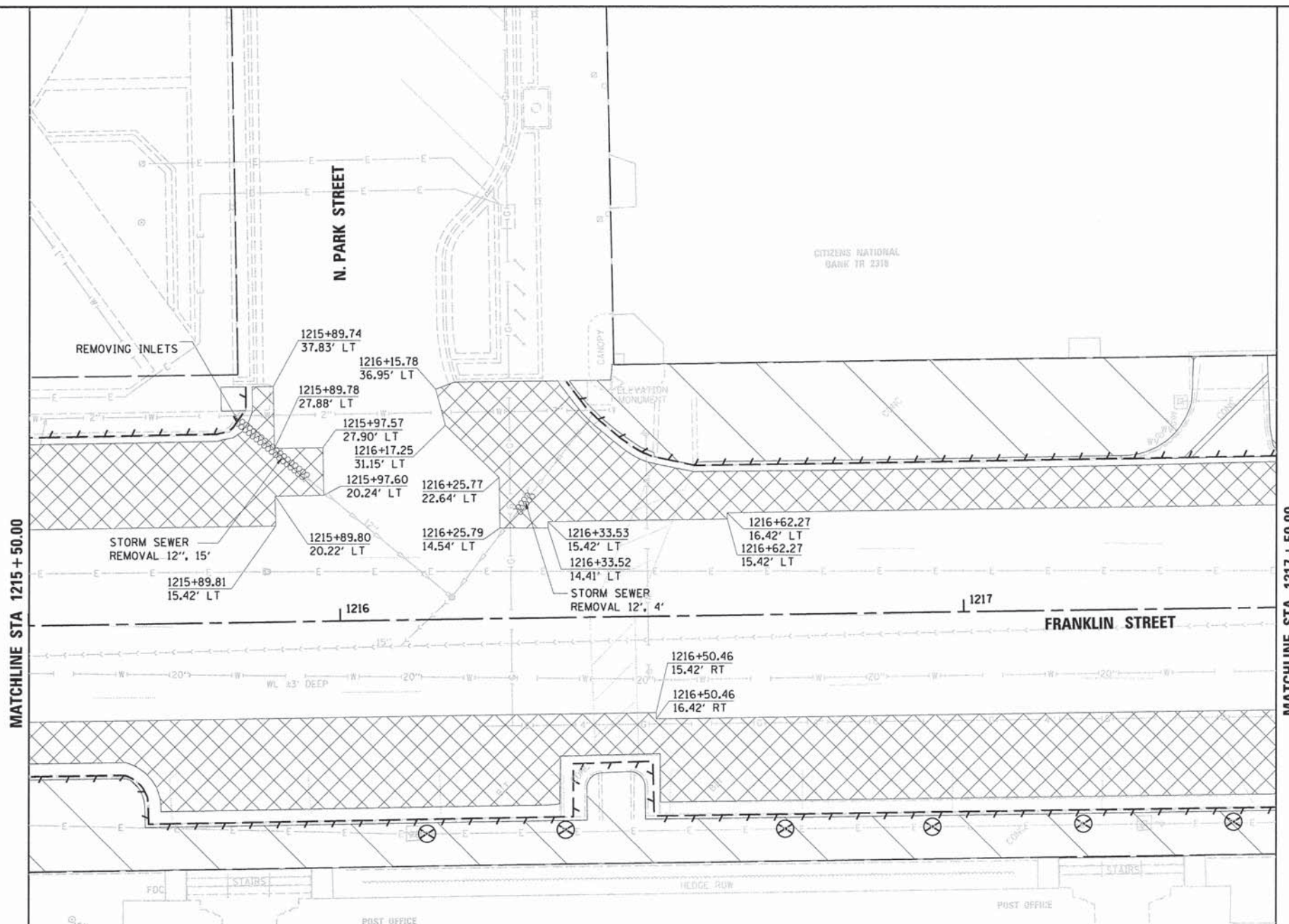
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FRANKLIN STREET STREETScape ENHANCEMENT
 Decatur, Illinois

FRANKLIN STREET
 SITE PREPARATION PLAN
 STA 1212 + 50.00 TO
 STA 1215 + 50.00









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MATCHLINE STA 1215 + 50.00

MATCHLINE STA 1217 + 50.00

REMOVAL LEGEND

- | | | | |
|---|---------------------------|---|----------------------------|
|  | SIDEWALK REMOVAL |  | CURB AND GUTTER REMOVAL |
|  | PAVEMENT REMOVAL |  | WATER LINE REMOVAL |
|  | MEDIAN REMOVAL |  | PARKING METER POST REMOVAL |
|  | DRIVEWAY PAVEMENT REMOVAL |  | STORM SEWER REMOVAL |
| X 8" | TREE REMOVAL AND SIZE | TBR | TO BE REMOVED |

NOTE:
CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.



USER NAME = rkocher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -
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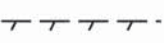




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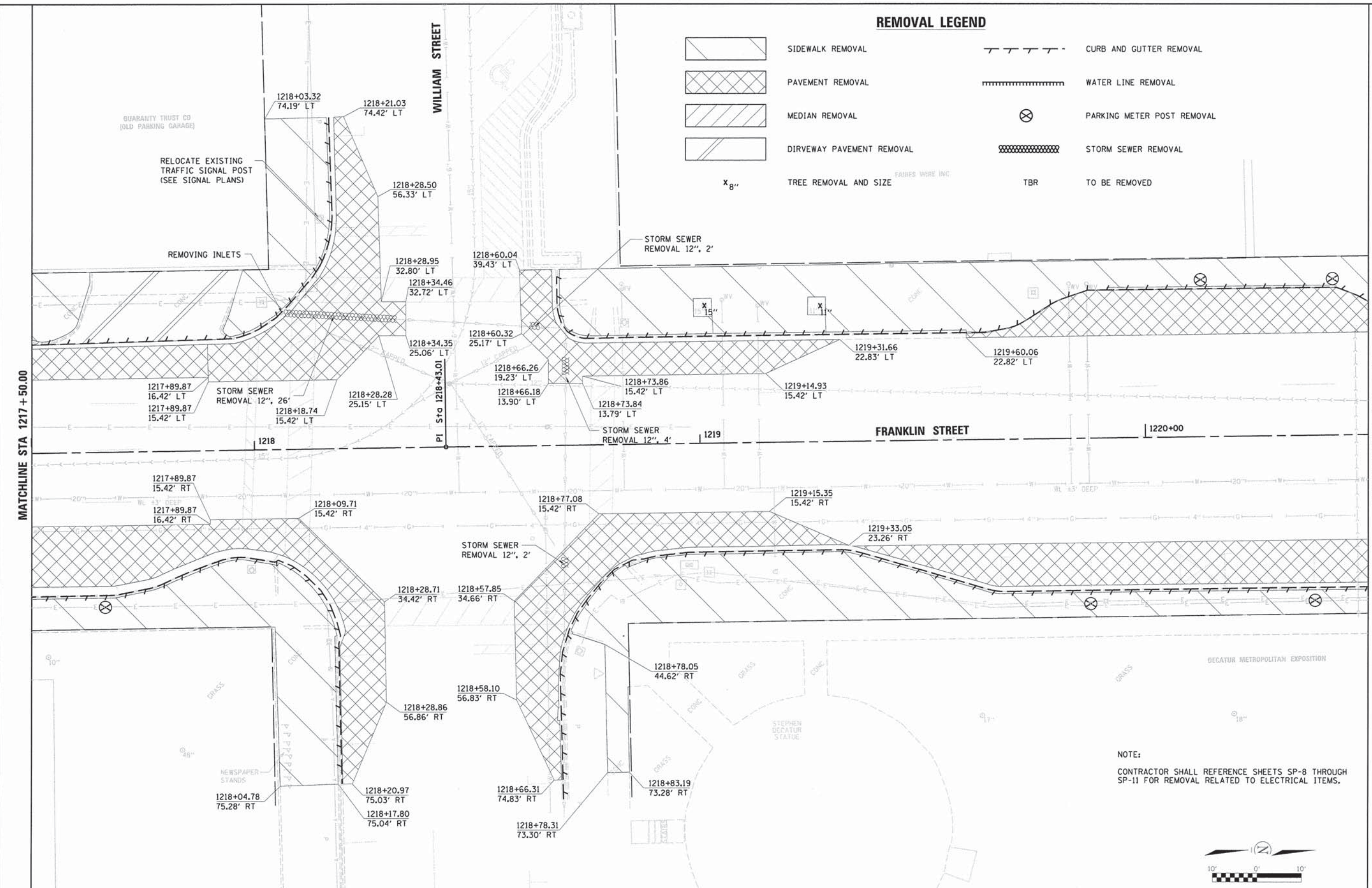
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Decatur, Illinois

FRANKLIN STREET
SITE PREPARATION PLAN
STA 1215 + 50.00 TO
STA 1217 + 50.00

SP-4
32 of 103 sheets

REMOVAL LEGEND

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  MEDIAN REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  TREE REMOVAL AND SIZE
-  CURB AND GUTTER REMOVAL
-  WATER LINE REMOVAL
-  PARKING METER POST REMOVAL
-  STORM SEWER REMOVAL
-  TO BE REMOVED











NOTE:
CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.

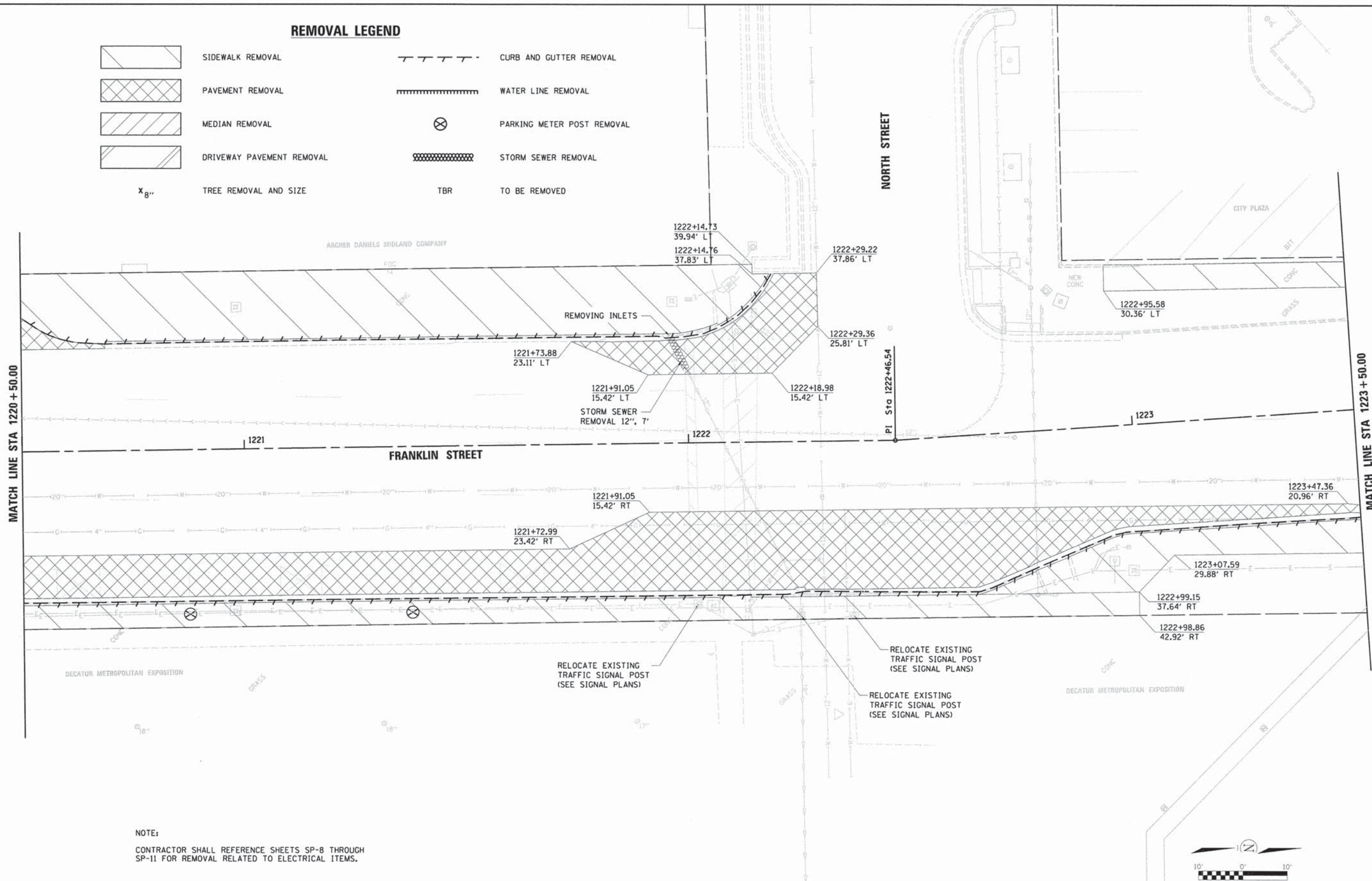


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USER NAME - rkocher	DESIGNED -	REVISED -		DECATUR (217) 422-8544 CHICAGO (773) 714-0050 ROCKFORD (815) 489-0050 184-001397	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	FRANKLIN STREET SITE PREPARATION PLAN STA 1217 + 50.00 TO STA 1220 + 50.00	SP-5 33 of 103 sheets
PLOT SCALE = 10,0000' / 1" =	DRAWN -	REVISED -					
DATE = 3/6/2014	CHECKED -	REVISED -					
DATE = 10-31-13	DATE -	REVISED -					

REMOVAL LEGEND

- | | | | |
|---|---------------------------|---|----------------------------|
|  | SIDEWALK REMOVAL |  | CURB AND GUTTER REMOVAL |
|  | PAVEMENT REMOVAL |  | WATER LINE REMOVAL |
|  | MEDIAN REMOVAL |  | PARKING METER POST REMOVAL |
|  | DRIVEWAY PAVEMENT REMOVAL |  | STORM SEWER REMOVAL |
| x 8" | TREE REMOVAL AND SIZE | TBR | TO BE REMOVED |



NOTE:
CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.



USER NAME - rkocher	DESIGNED -	REVISED -
PLLOT SCALE - 1/8" = 10'	DRAWN -	REVISED -
PLLOT DATE - 3/6/2014	CHECKED -	REVISED -
	DATE - 10-31-13	REVISED -









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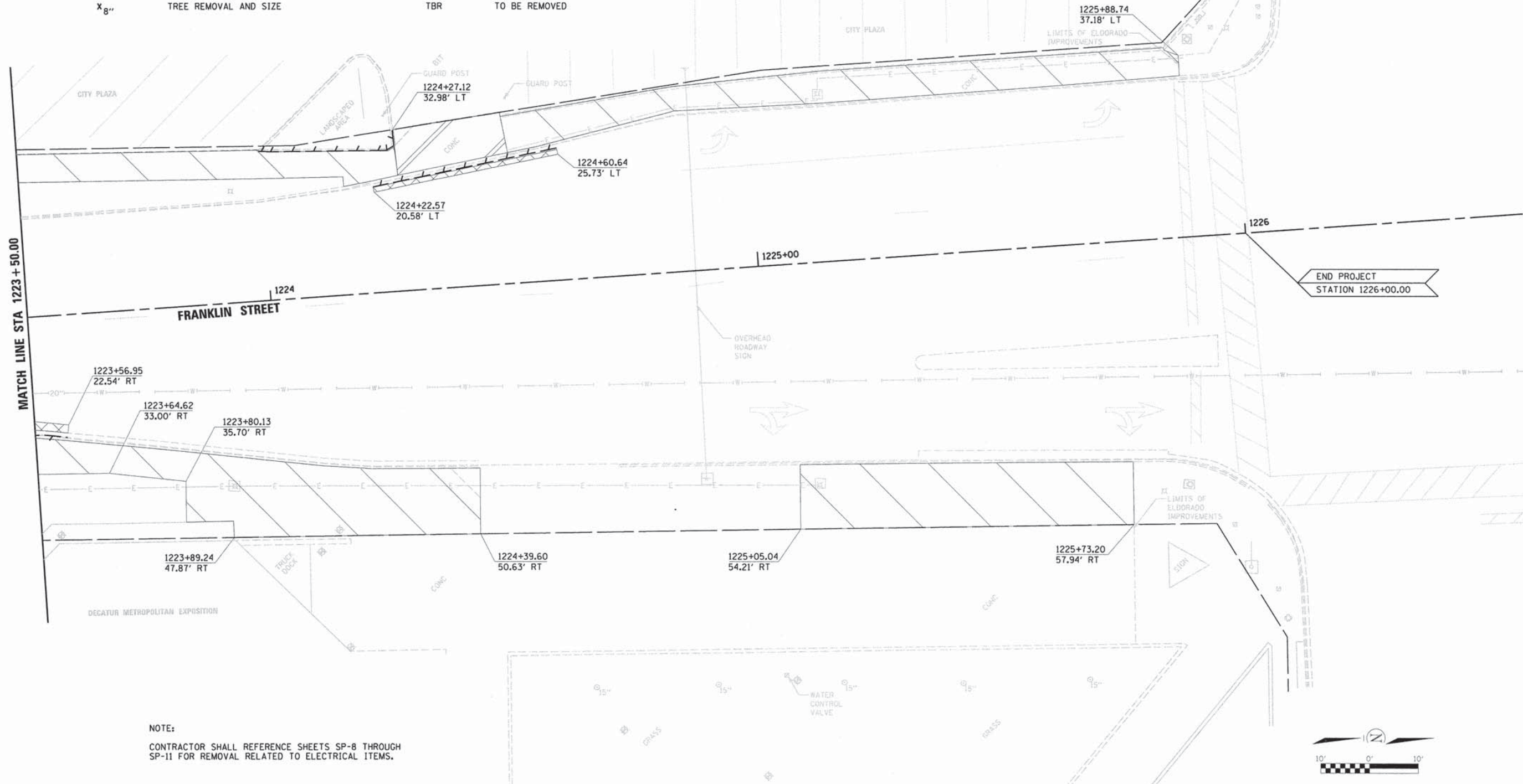
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
SITE PREPARATION PLAN
STA 1220 + 50.00 TO
STA 1223 + 50.00**

REMOVAL LEGEND

- | | | | |
|---|-----------------------|---|----------------------------|
|  | SIDEWALK REMOVAL |  | CURB AND GUTTER REMOVAL |
|  | PAVEMENT REMOVAL |  | WATER LINE REMOVAL |
|  | MEDIAN REMOVAL |  | PARKING METER POST REMOVAL |
|  | PLANTER REMOVAL |  | STORM SEWER REMOVAL |
| X 8" | TREE REMOVAL AND SIZE | TBR | TO BE REMOVED |



NOTE:
CONTRACTOR SHALL REFERENCE SHEETS SP-8 THROUGH SP-11 FOR REMOVAL RELATED TO ELECTRICAL ITEMS.

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CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

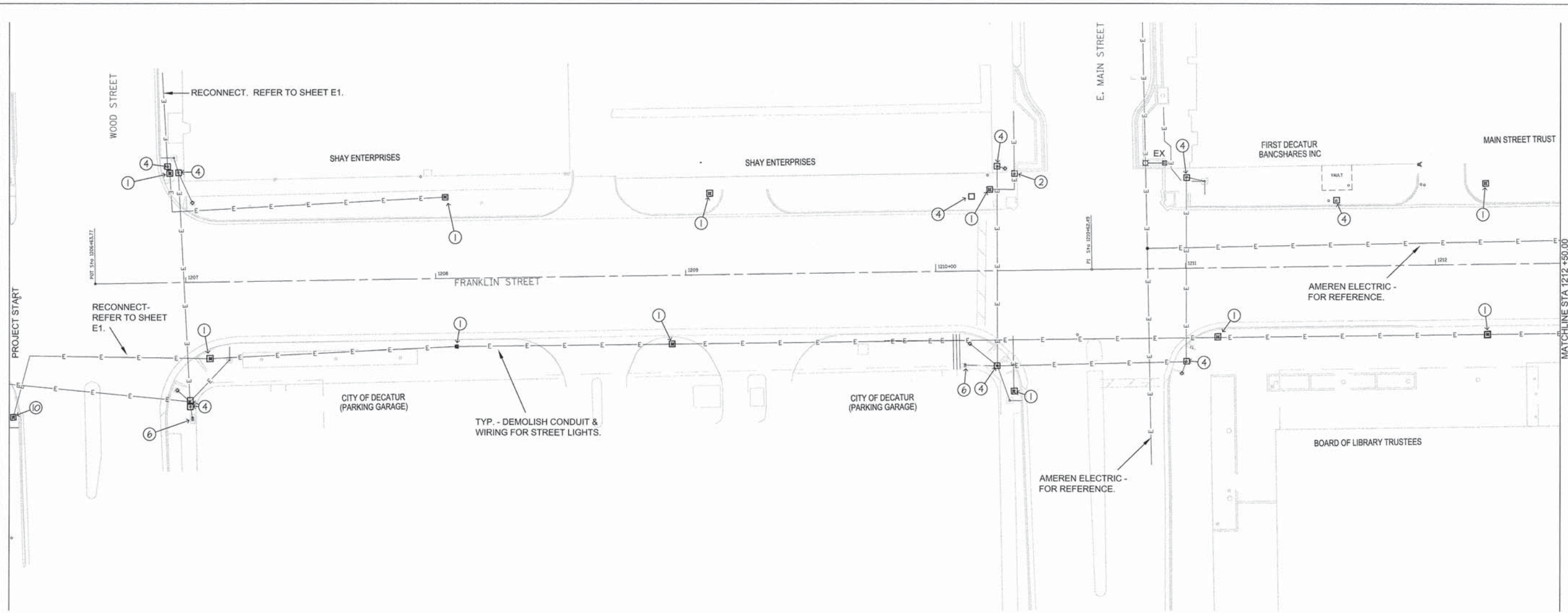
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Decatur, Illinois

FRANKLIN STREET
SITE PREPARATION PLAN
STA 1223 + 50.00 TO
STA 1226 + 50.00

SP-7
35 of 103 sheets

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PROJECT PHASING:

1. PROJECT CONSTRUCTION SHALL BE PHASED AS INDICATED ON THE CIVIL PLANS OR IN THE SPECIFICATIONS.

DEMOLITION DEFINITIONS:

1. THE TERM "DEMOLISH" MEANS TO BREAK UP, TEAR DOWN, DISASSEMBLE, AND RAZE THOSE ITEMS AS DESIGNATED IN THE CONTRACT DOCUMENTS FOR DISPOSAL AS TRASH OR RECYCLING.
2. THE TERM "REMOVE" MEANS TO DETACH THE MATERIAL AND EQUIPMENT AND DISPOSE OF OR PREPARE FOR SALVAGE OR RELOCATION AS DIRECTED BY THE CONTRACT DOCUMENTS.
3. THE TERM "RELOCATE" MEANS TO DETACH DESIGNATED MATERIALS OR EQUIPMENT FROM ITS EXISTING LOCATION, PREPARE IT IN ACCORDANCE WITH THE DIRECTIONS GIVEN IN THE CONTRACT DOCUMENTS FOR INSTALLATION AT THE NEWLY DESIGNATED LOCATION.
4. THE TERM "SALVAGE" MEANS MATERIALS AND EQUIPMENT DESIGNATED IN THE CONTRACT DOCUMENTS TO BE TURNED OVER TO OWNER IN A CONDITION AS SPECIFIED.
5. THE TERM "TRASH" MEANS ALL MATERIALS AND EQUIPMENT RESULTING FROM DEMOLITION OR REMOVAL WORK WHICH HAS NOT BEEN DESIGNATED BY THE CONTRACT DOCUMENTS AS SALVAGE. TRASH SHALL BECOME THE PROPERTY OF CONTRACTOR AND DISPOSED OF OR RECYCLED OFF THE SITE.

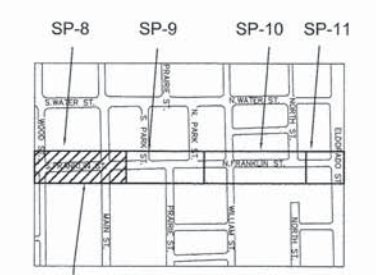
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4. MINIMIZE OUTAGE DURATIONS FOR TRAFFIC SIGNALS. TRAFFIC SIGNAL OUTAGES TO OCCUR AT OFF PEAK TIMES. PROVIDE TEMPORARY TRAFFIC CONTROL AS NECESSARY. FOLLOW ALL IDOT REQUIREMENTS AND STANDARDS.
5. EXISTING WIRING SHOWN IS FROM RECORD DRAWINGS, AND HAS NOT BEEN VERIFIED.
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7. CONTRACTOR TO REMOVE POWER FROM ALL ELECTRICAL ITEMS BEING DEMOLISHED OR REMOVED.

KEYED NOTES FOR SP-8 THROUGH SP-11

- ① → "REMOVAL OF LIGHTING UNIT, NO SALVAGE" AND "REMOVAL OF POLE FOUNDATION". DEMOLISH LIGHT AND 30' POLE. DEMOLISH CONCRETE FOUNDATION PER IDOT SECTION 842.
- ② → "REMOVE EXISTING HANDHOLE". DEMOLISH HANDHOLE AFTER VERIFYING IT IS NO LONGER IN USE.
- ③ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ④ → "HANDHOLE TO BE ADJUSTED". ADJUST TRAFFIC SIGNAL HANDHOLE AS NECESSARY FOR NEW PAVEMENT.
- ⑤ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑥ → TRAFFIC CONTROL CABINET TO REMAIN.
- ⑦ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑩ → "REMOVAL OF LIGHTING UNIT, NO SALVAGE". DEMOLISH LIGHT AND 30' POLE.

SHEET LEGEND



PROJECT LOCATION

NOTE:
CONTRACTOR TO CONTACT J.U.L.I.E. (1-800-892-0123) BEFORE DIGGING TO LOCATE UNDERGROUND UTILITIES.

NOTE:
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	DRAWN - ERS	REVISED - ---
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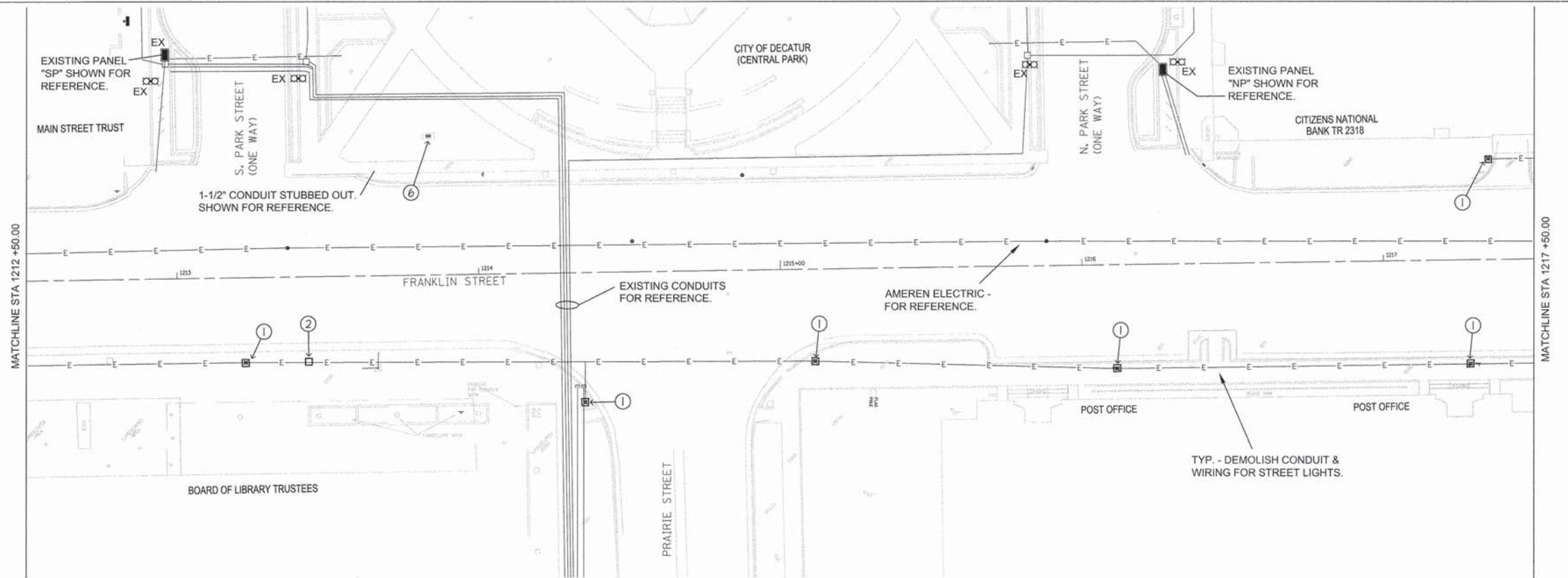
ARCHITECTURAL EXPRESSIONS LLP
ARCHITECTS + ENGINEERS

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS
DECATUR CHICAGO ROCKFORD
617) 422-8544
773) 714-0050
815) 489-0050
184-001897

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL SITE PREP PLAN
STA. 1206+63.77 TO
STA. 1212+50.00

SP-8
36 of 103 sheets



PROJECT PHASING:

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DEMOLITION DEFINITIONS:

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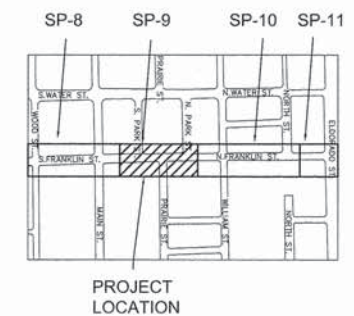
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- ⑤ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
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SHEET LEGEND



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T:\MSX\4574\FRANKLIN STREET\DRAWINGS\4574 - FRANKLIN ST SP-8 TO SP-11.DWG 2/28/2014 12:03 PM

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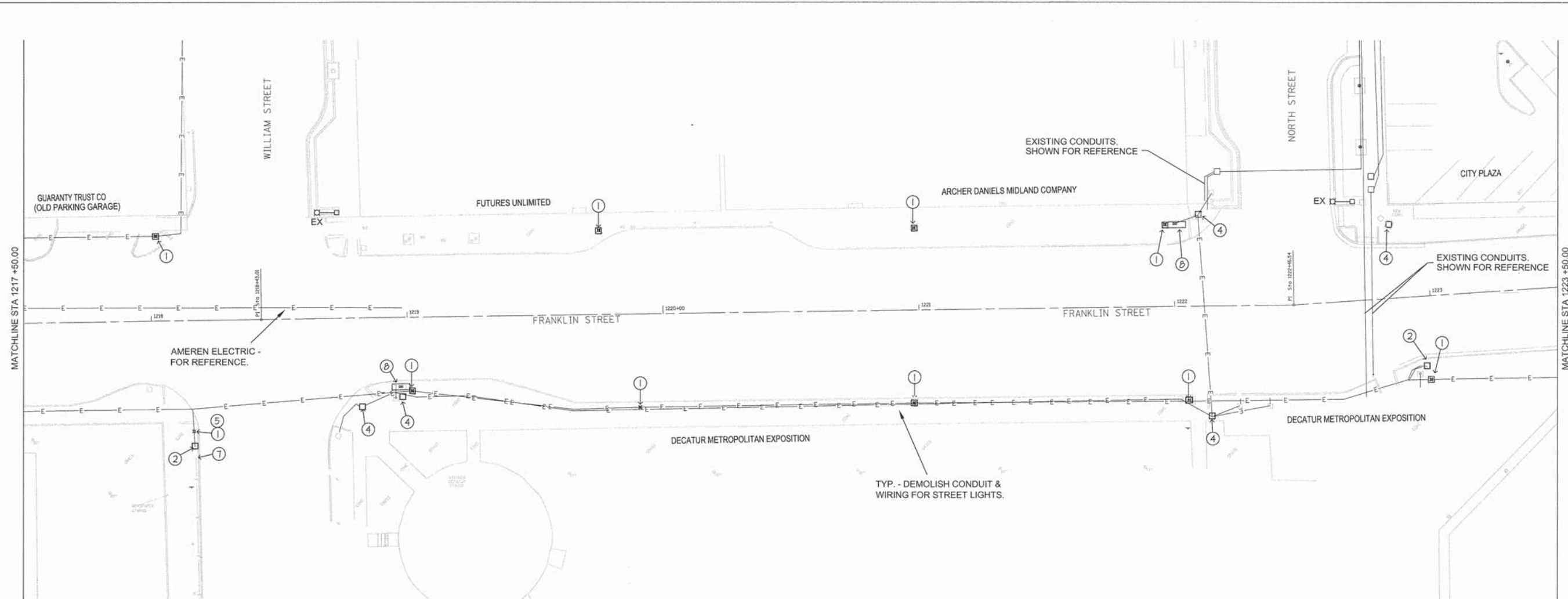
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CONSULTING ENGINEERS

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184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL SITE PREP PLAN
STA. 1212+50.00 TO
STA. 1217+50.00



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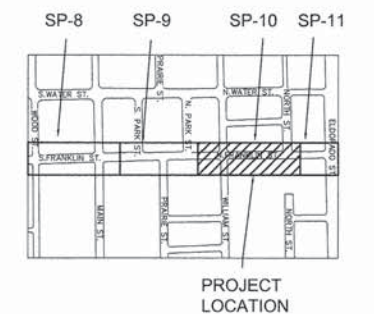
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- ⑤ → DEMOLISH ALL RECEPTACLES, CONDUIT, AND WIRE BACK BELOW GRADE AS NECESSARY FOR NEW WORK.
- ⑥ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑦ → "REMOVAL OF ELECTRIC SERVICE INSTALLATION". DEMOLISH EXISTING ELECTRICAL SERVICE. METER AND POLE TO BE REMOVED BY AMEREN. DEMOLISH EXISTING CONDUIT AND WIRING NOT BEING REUSED. RECONNECT POWER TO ANY EXISTING LOADS TO REMAIN.
- ⑧ → TRAFFIC CONTROLLER TO REMAIN. PROVIDE NEW BRANCH CIRCUIT FROM NEW ELECTRIC PANEL "FW".
- ⑨ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑩ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

SHEET LEGEND



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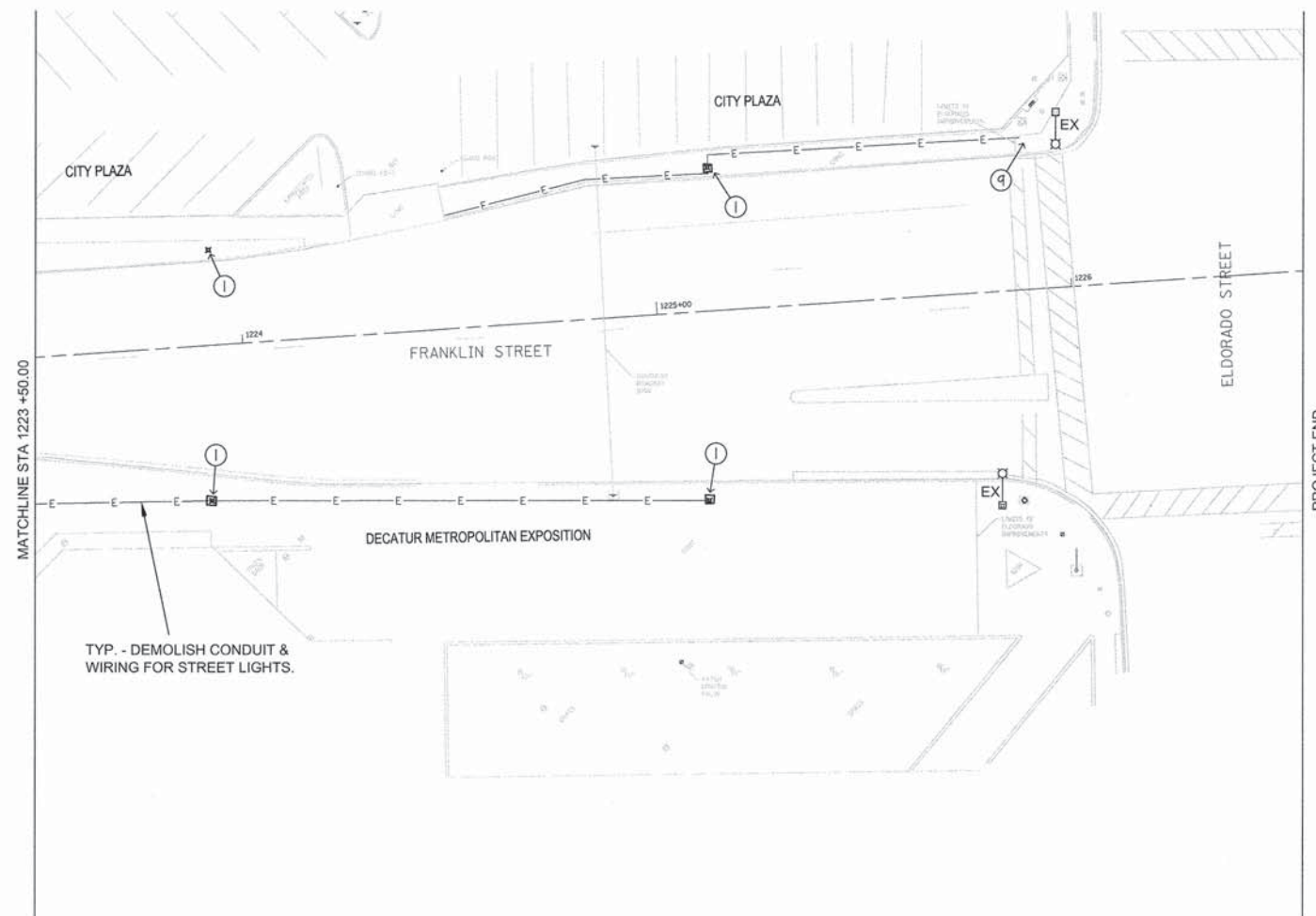
FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL SITE PREP PLAN
STA. 1217+50.00 TO
STA. 1223+50.00

SP-10

38 of 103 sheets

T:\45XX\4574\FRANKLIN STREET\DRAWINGS\4574 - FRANKLIN ST SP-8 TO SP-11.DWG 2/28/2014 12:03 PM



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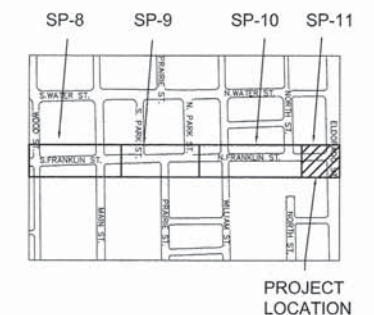
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- ⑤ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑥ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑦ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → DISCONNECT POWER AT THE LAST LIGHT ON ELDORADO STREET AND DEMOLISH CONDUIT AND WIRING RUNNING TO LIGHTS ON FRANKLIN STREET.
- ⑩ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

SHEET LEGEND



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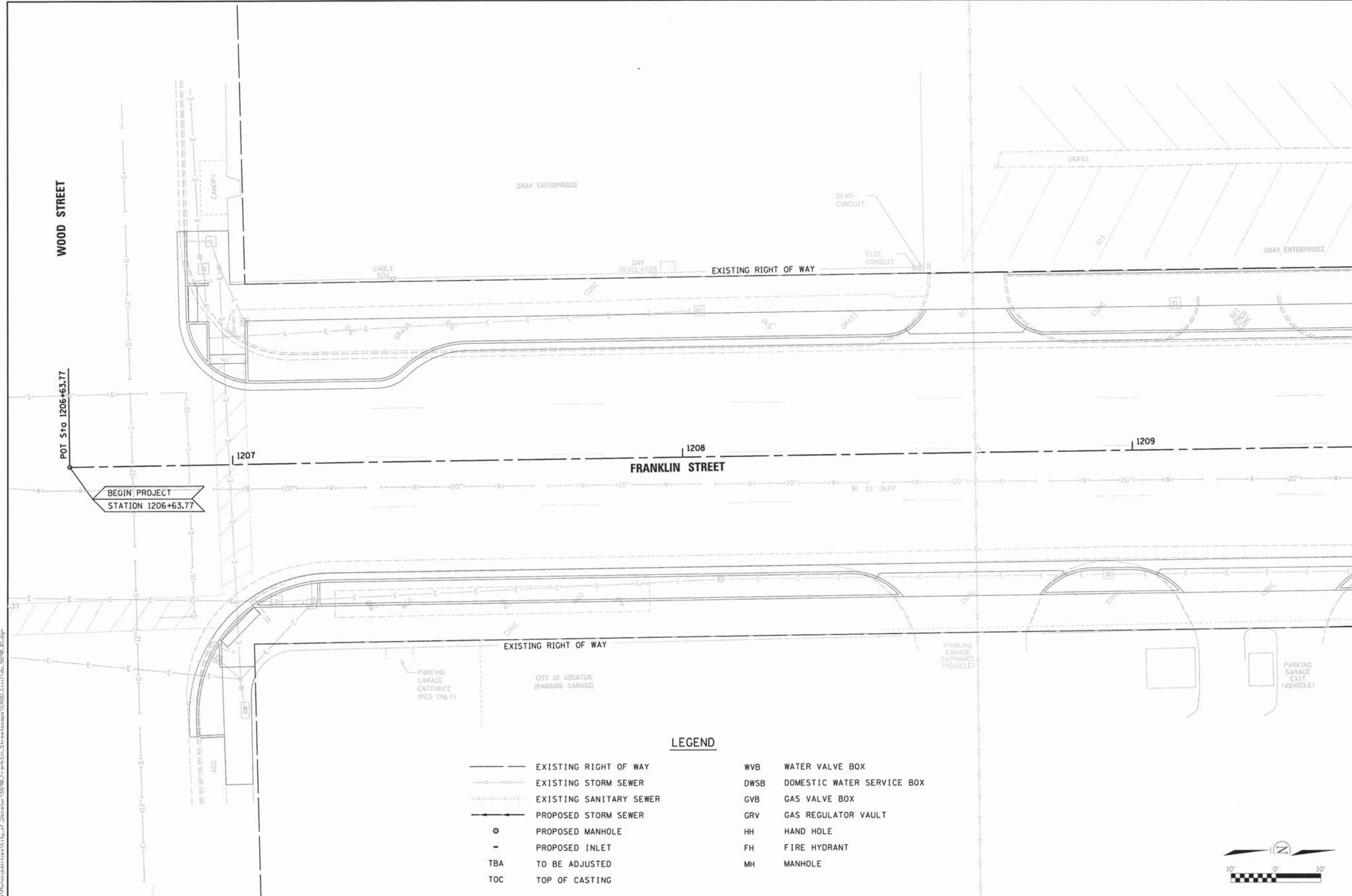
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL SITE PREP PLAN
STA. 1223+50.00 TO
STA. 1226+50.00

SP-11
39 of 103 sheets



WOOD STREET

POT STA 1206+63.77

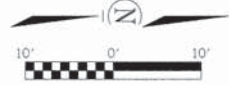
BEGIN PROJECT STATION 1206+63.77

FRANKLIN STREET

MATCHLINE STA 1209 + 50.00

LEGEND

- | | | | |
|-----|-------------------------|------|----------------------------|
| — | EXISTING RIGHT OF WAY | WVB | WATER VALVE BOX |
| — | EXISTING STORM SEWER | DWSB | DOMESTIC WATER SERVICE BOX |
| — | EXISTING SANITARY SEWER | GVB | GAS VALVE BOX |
| — | PROPOSED STORM SEWER | GRV | GAS REGULATOR VAULT |
| ⊙ | PROPOSED MANHOLE | HH | HAND HOLE |
| - | PROPOSED INLET | FH | FIRE HYDRANT |
| TBA | TO BE ADJUSTED | MH | MANHOLE |
| TOC | TOP OF CASTING | | |



USER NAME = kkooper	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 1/4" = 1'	DRAWN -	REVISED -
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	DATE - 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

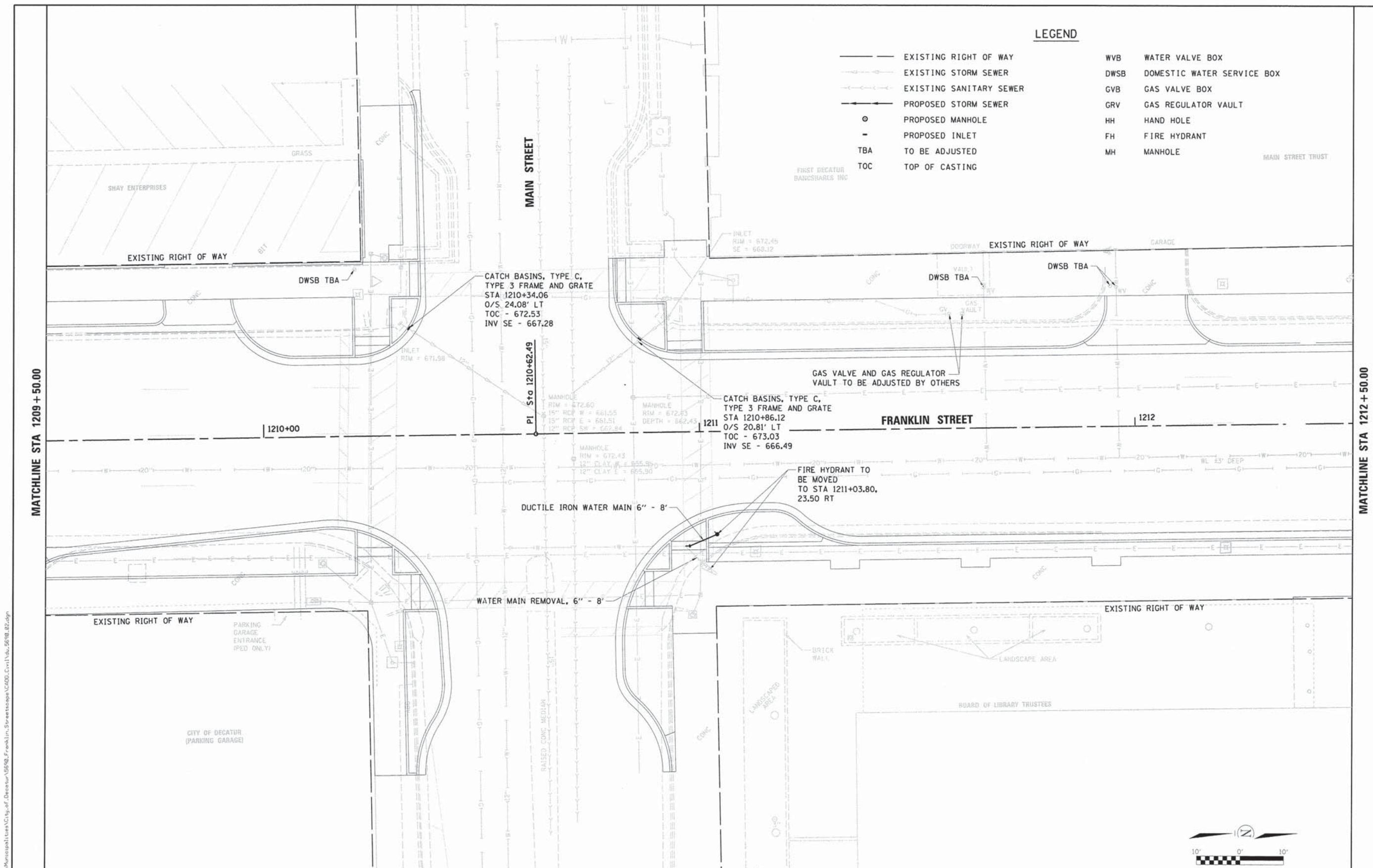
DECATUR (217) 422-8544
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET DRAINAGE AND UTILITY PLAN
STA 1206 + 63.77 TO STA 1209 + 50.00

LEGEND

- EXISTING RIGHT OF WAY
- - - EXISTING STORM SEWER
- - - EXISTING SANITARY SEWER
- - - PROPOSED STORM SEWER
- PROPOSED MANHOLE
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- GRV GAS REGULATOR VAULT
- HH HAND HOLE
- FH FIRE HYDRANT
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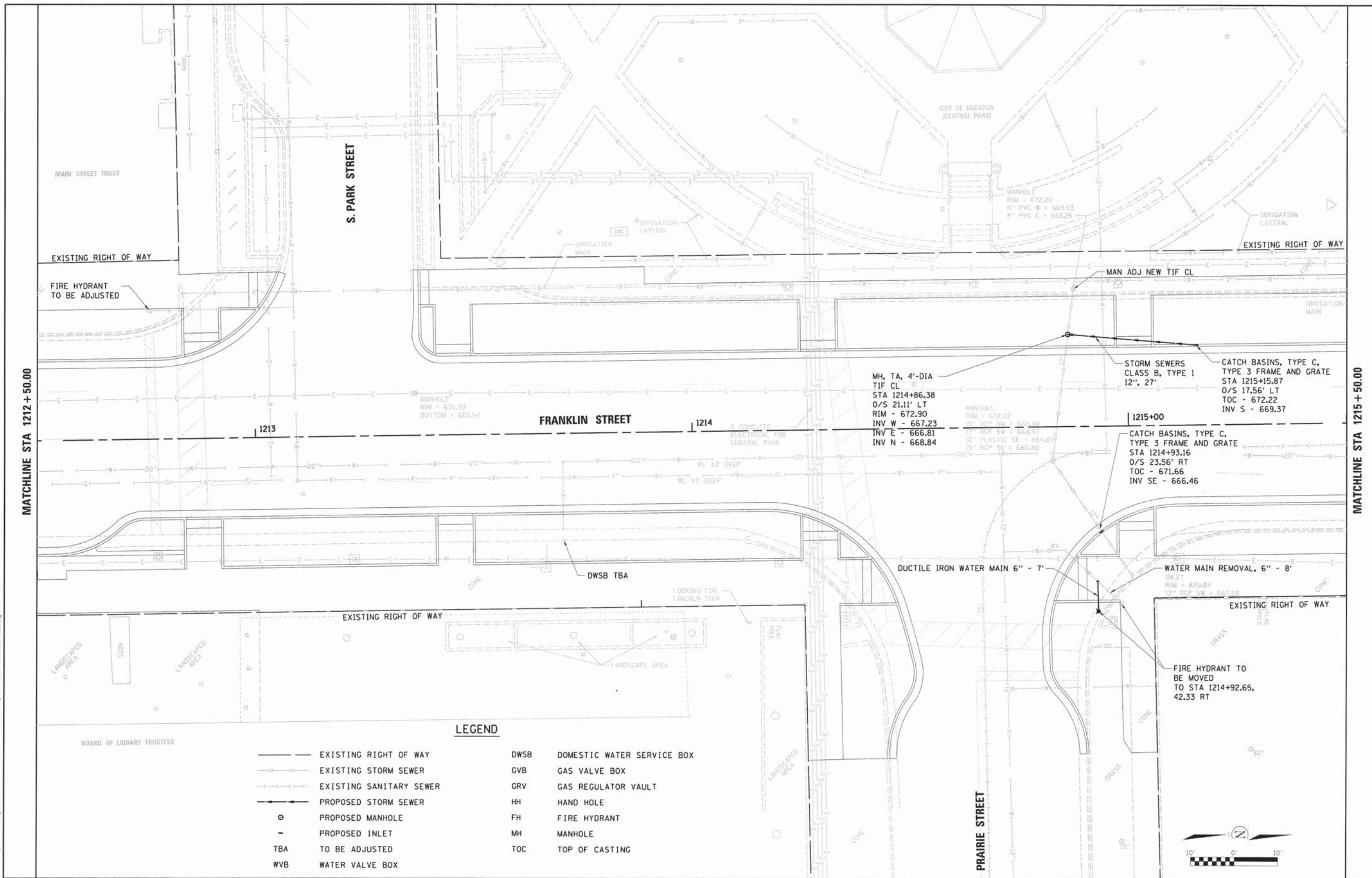
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	DATE = 10-31-13	REVISED -

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FRANKLIN STREET DRAINAGE AND UTILITY PLAN
STA 1209 + 50.00 TO STA 1212 + 50.00

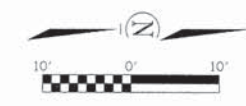


MATCHLINE STA 1212 + 50.00

MATCHLINE STA 1215 + 50.00

LEGEND

- | | | | |
|-----|-------------------------|------|----------------------------|
| — | EXISTING RIGHT OF WAY | DWSB | DOMESTIC WATER SERVICE BOX |
| — | EXISTING STORM SEWER | GVB | GAS VALVE BOX |
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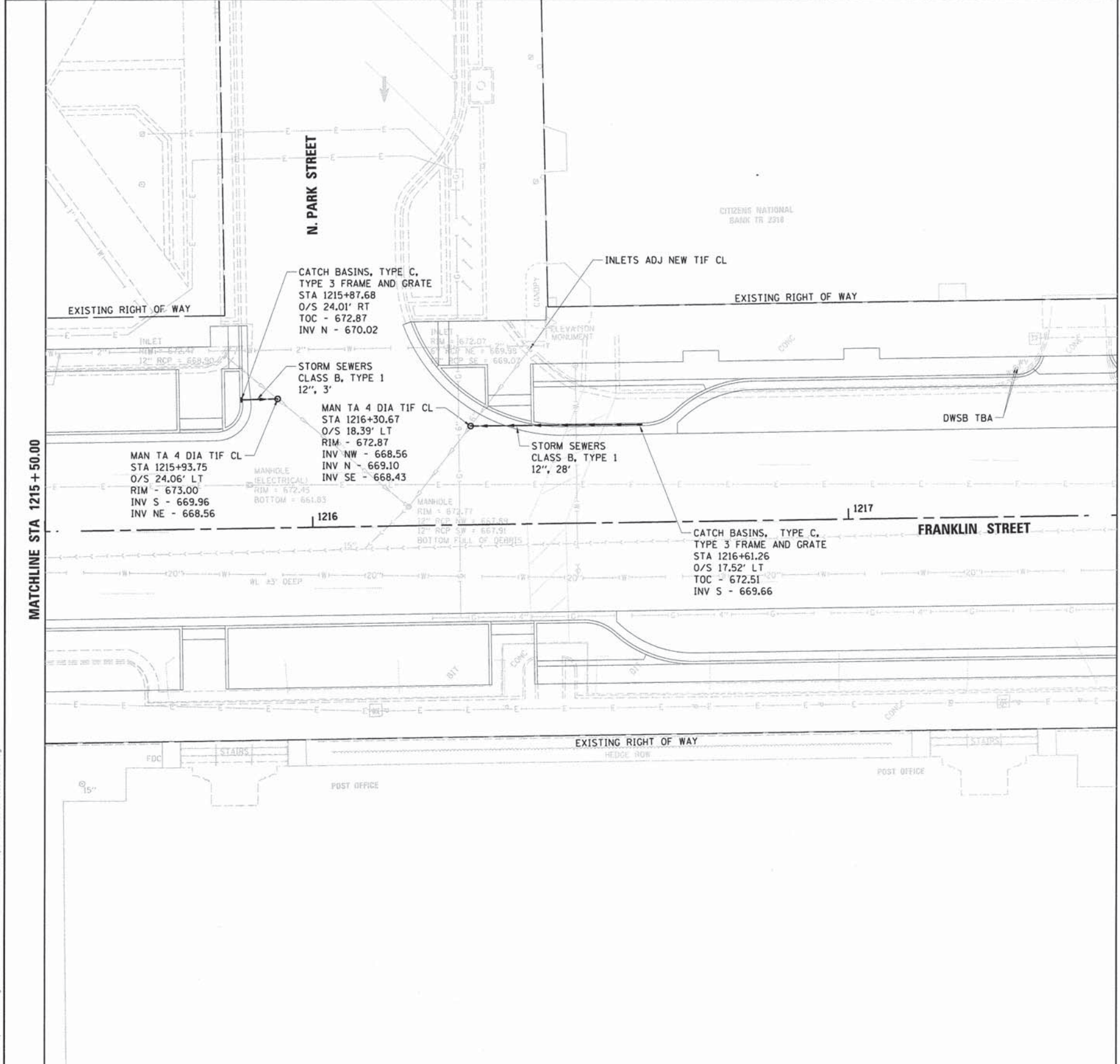
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LEGEND

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- MH MANHOLE
- TOC TOP OF CASTING



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USER NAME = rkocher	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / 1"	DRAWN -	REVISED -
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	DATE = 10-31-13	REVISED -

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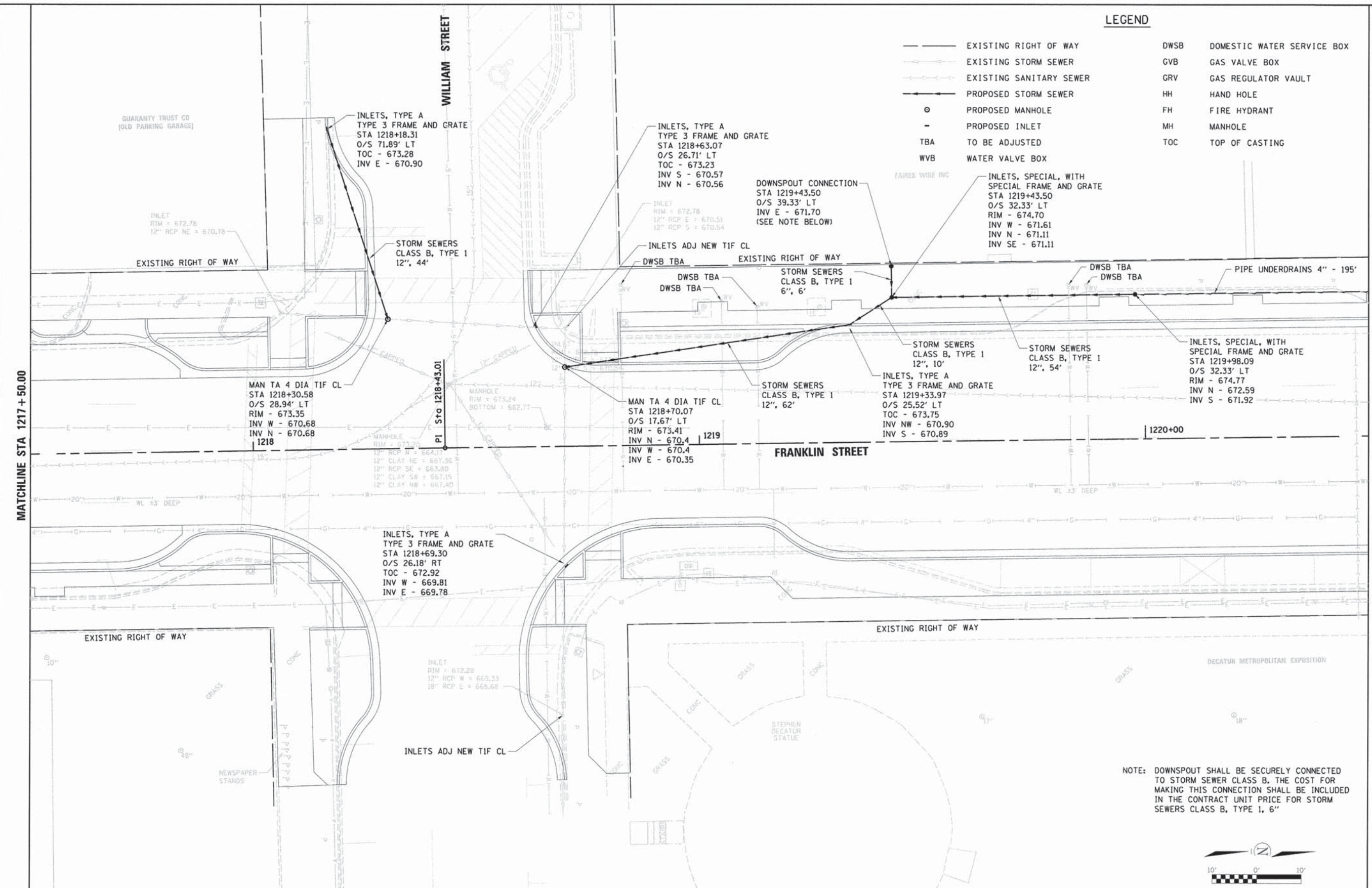
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET DRAINAGE AND UTILITY PLAN
STA 1215+50.00 TO STA 1217+50.00

LEGEND

- | | | | |
|-----|-------------------------|------|----------------------------|
| — | EXISTING RIGHT OF WAY | DWSB | DOMESTIC WATER SERVICE BOX |
| — | EXISTING STORM SEWER | GVB | GAS VALVE BOX |
| — | EXISTING SANITARY SEWER | GRV | GAS REGULATOR VAULT |
| — | PROPOSED STORM SEWER | HH | HAND HOLE |
| ○ | PROPOSED MANHOLE | FH | FIRE HYDRANT |
| - | PROPOSED INLET | MH | MANHOLE |
| TBA | TO BE ADJUSTED | TOC | TOP OF CASTING |
| WVB | WATER VALVE BOX | | |



NOTE: DOWNSPOUT SHALL BE SECURELY CONNECTED TO STORM SEWER CLASS B. THE COST FOR MAKING THIS CONNECTION SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS CLASS B, TYPE 1, 6"



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USER NAME = rkocher	DESIGNED -	REVISED -
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	DATE - 10-31-13	REVISED -

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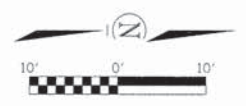
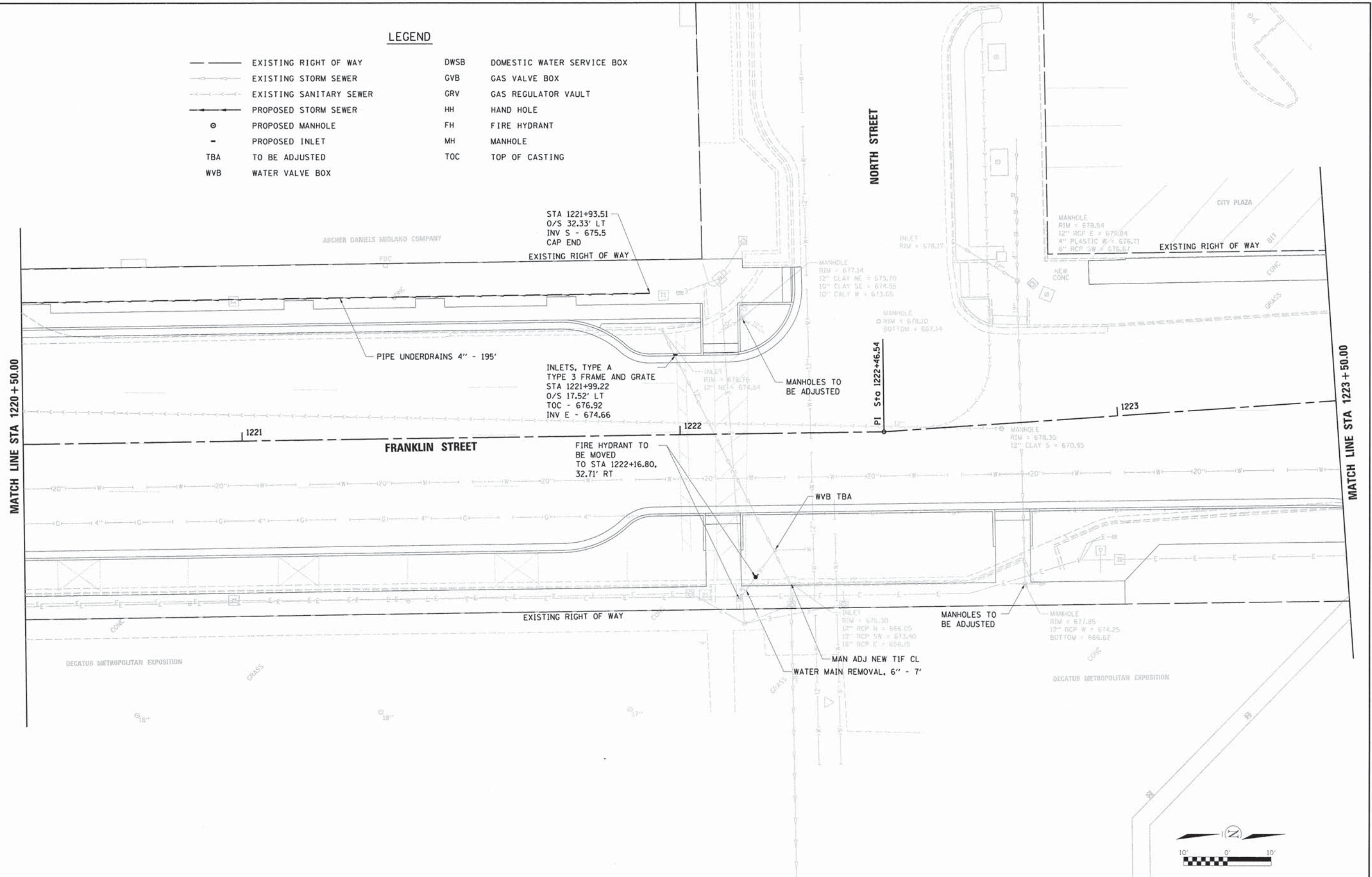
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Decatur, Illinois

FRANKLIN STREET DRAINAGE AND UTILITY PLAN
STA 1217 + 50.00 TO STA 1220 + 50.00

C-5
44 of 103 sheets

LEGEND

- | | | | |
|-----|-------------------------|------|----------------------------|
| — | EXISTING RIGHT OF WAY | DWSB | DOMESTIC WATER SERVICE BOX |
| — | EXISTING STORM SEWER | GVB | GAS VALVE BOX |
| — | EXISTING SANITARY SEWER | GRV | GAS REGULATOR VAULT |
| — | PROPOSED STORM SEWER | HH | HAND HOLE |
| ○ | PROPOSED MANHOLE | FH | FIRE HYDRANT |
| - | PROPOSED INLET | MH | MANHOLE |
| TBA | TO BE ADJUSTED | TOC | TOP OF CASTING |
| WVB | WATER VALVE BOX | | |

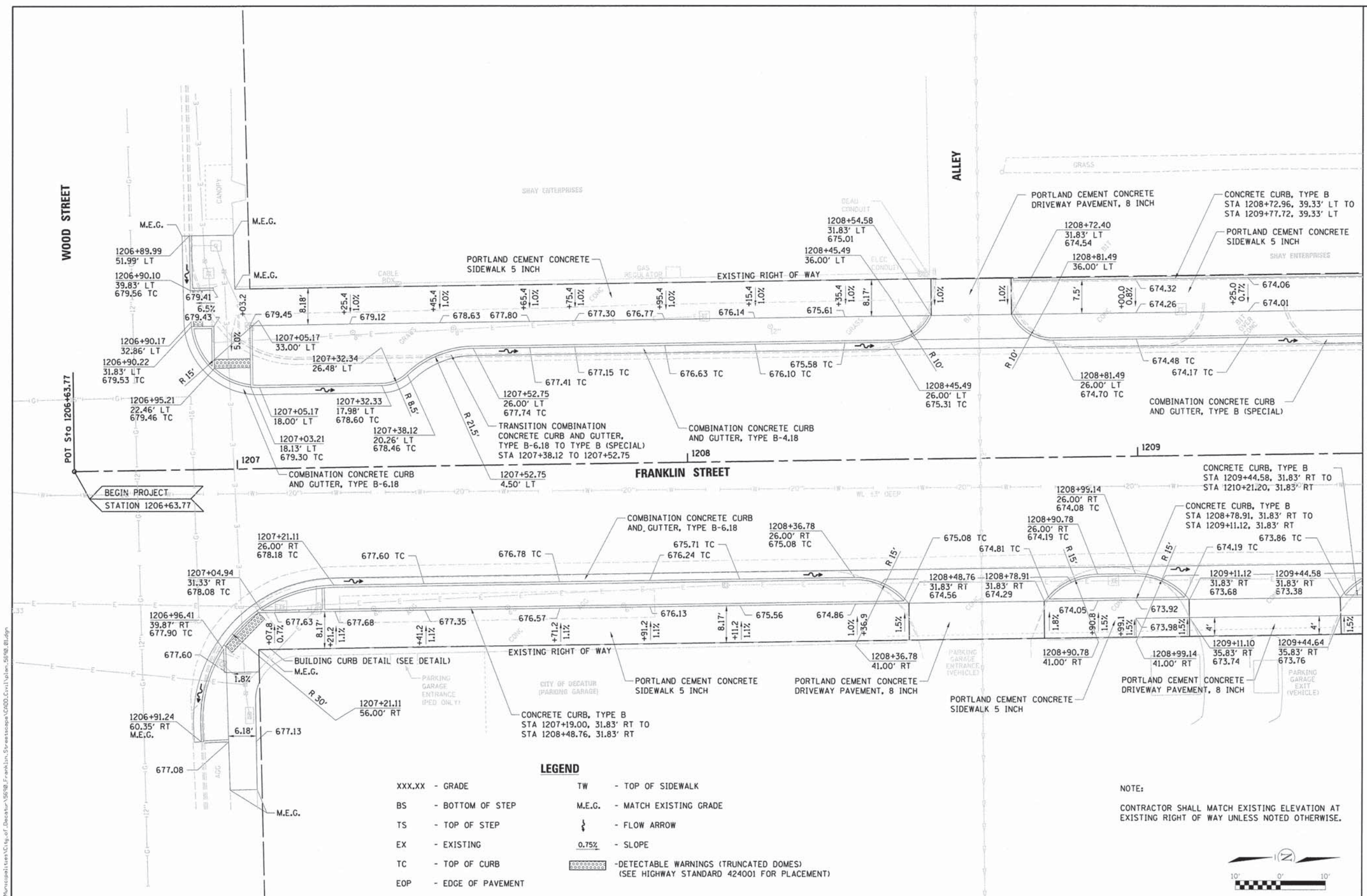


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PLOT DATE = 3/6/2014	DATE = 10-31-13	REVISED -

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 Decatur, Illinois

FRANKLIN STREET DRAINAGE AND UTILITY PLAN
 STA 1220 + 50.00 TO STA 1223 + 50.00



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- LEGEND**
- XXX.XX - GRADE
 - BS - BOTTOM OF STEP
 - TS - TOP OF STEP
 - EX - EXISTING
 - TC - TOP OF CURB
 - EOP - EDGE OF PAVEMENT
 - TW - TOP OF SIDEWALK
 - M.E.G. - MATCH EXISTING GRADE
 - ↓ - FLOW ARROW
 - 0.75% - SLOPE
 - [Pattern] - DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)

NOTE:
CONTRACTOR SHALL MATCH EXISTING ELEVATION AT EXISTING RIGHT OF WAY UNLESS NOTED OTHERWISE.



USER NAME - rkochar	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' = 1" = 10'	DRAWN -	REVISED -
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	DATE - 10-31-13	REVISED -

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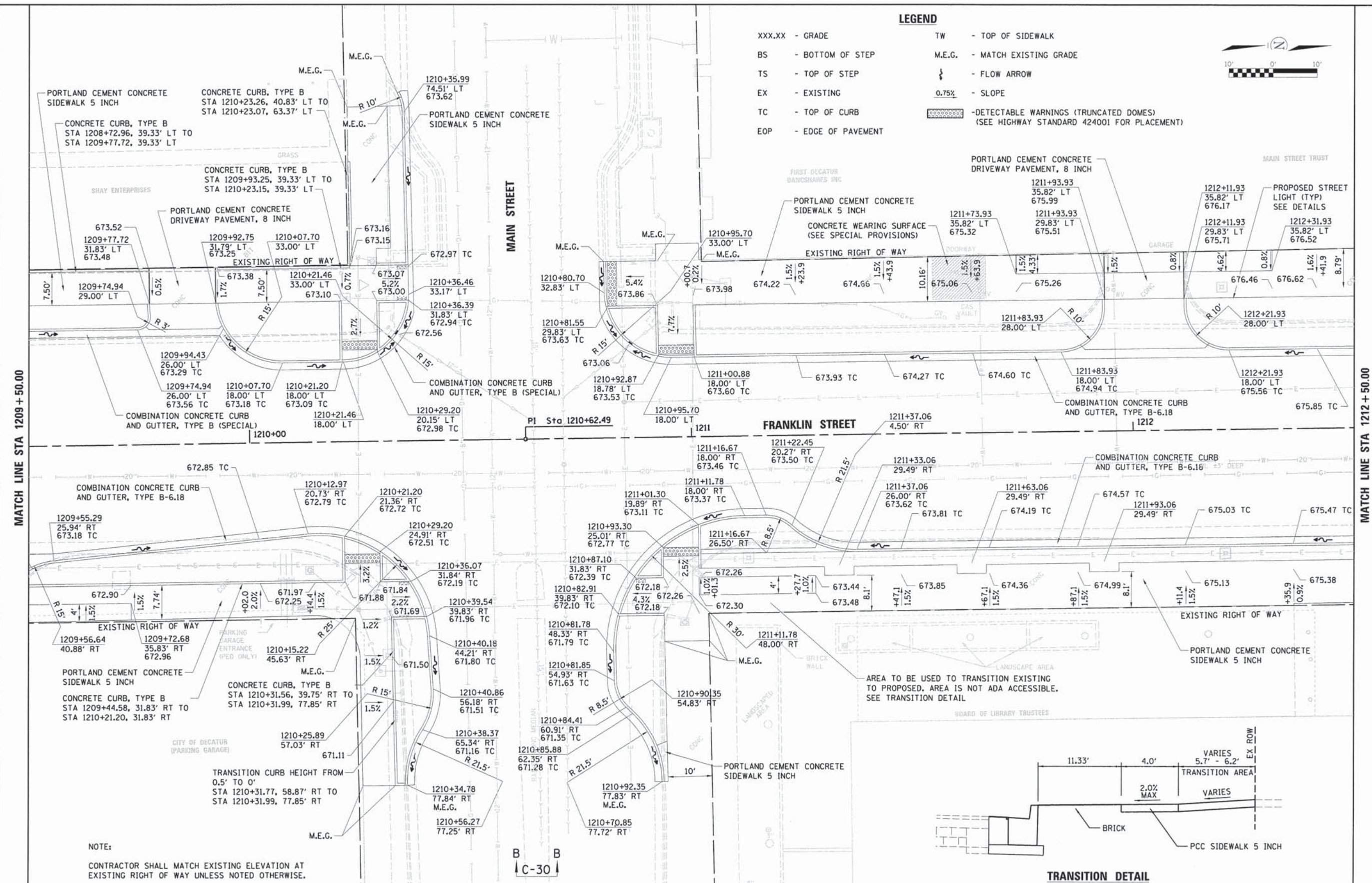
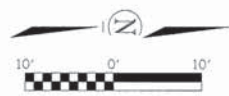
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET SITE PLAN
STA 1206+63.77 TO
STA 1209+50.00

LEGEND

- XXX.XX - GRADE
- BS - BOTTOM OF STEP
- TS - TOP OF STEP
- EX - EXISTING
- TC - TOP OF CURB
- EOP - EDGE OF PAVEMENT
- TW - TOP OF SIDEWALK
- M.E.G. - MATCH EXISTING GRADE
- ↓ - FLOW ARROW
- 0.75% - SLOPE
- [Pattern] - DETECTABLE WARNINGS (TRUNCATED DOMES) (SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)



MATCH LINE STA 1209 + 50.00

MATCH LINE STA 1212 + 50.00

NOTE:
CONTRACTOR SHALL MATCH EXISTING ELEVATION AT EXISTING RIGHT OF WAY UNLESS NOTED OTHERWISE.

USER NAME - rkooper	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN -	REVISED -
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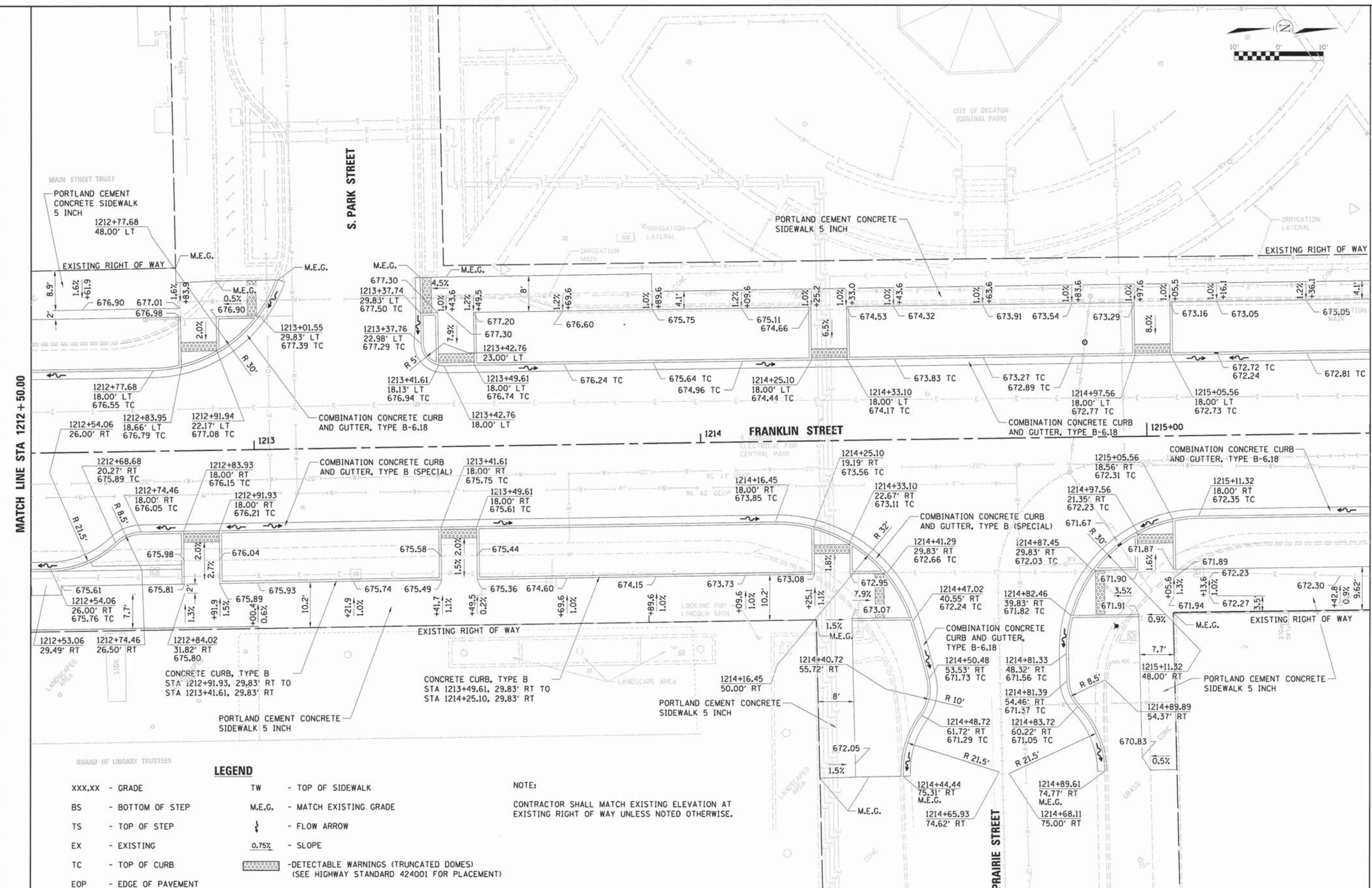
PRELIMINARY PLANS

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Decatur, Illinois

FRANKLIN STREET SITE PLAN
STA 1209 + 50.00 TO
STA 1212 + 50.00



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LEGEND

- XXX.XX - GRADE
- BS - BOTTOM OF STEP
- TS - TOP OF STEP
- EX - EXISTING
- TC - TOP OF CURB
- EOP - EDGE OF PAVEMENT
- TW - TOP OF SIDEWALK
- M.E.G. - MATCH EXISTING GRADE
- - FLOW ARROW
- 0.75% - SLOPE
- [Symbol] - DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)

NOTE:

CONTRACTOR SHALL MATCH EXISTING ELEVATION AT EXISTING RIGHT OF WAY UNLESS NOTED OTHERWISE.

USER NAME = rkoacher	DESIGNED -	REVISED -
FLDT SCALE = 1/8" = 10'-0"	DRAWN -	REVISED -
PLDT DATE = 3/6/2014	CHECKED -	REVISED -
	DATE = 10-31-13	REVISED -

PRELIMINARY PLANS

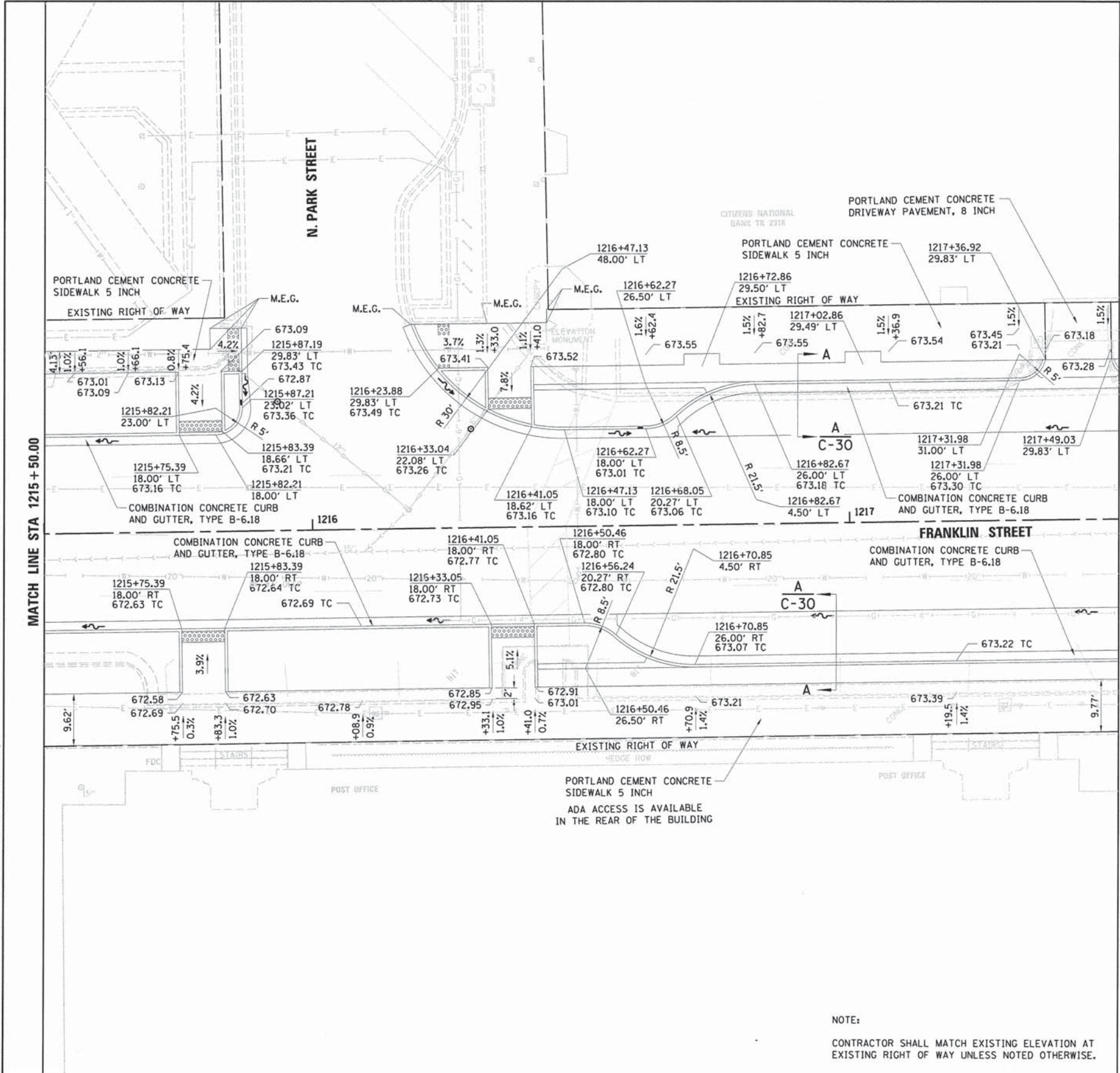


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FRANKLIN STREET SITE PLAN
STA 1212+50.00 TO
STA 1215+50.00

C-10
49 of 103 sheets



- LEGEND**
- XXX.XX - GRADE
 - BS - BOTTOM OF STEP
 - TS - TOP OF STEP
 - EX - EXISTING
 - TC - TOP OF CURB
 - EOP - EDGE OF PAVEMENT
 - TW - TOP OF SIDEWALK
 - M.E.G. - MATCH EXISTING GRADE
 - ↓ - FLOW ARROW
 - 0.75% - SLOPE
 - ☐ - DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)

NOTE:
CONTRACTOR SHALL MATCH EXISTING ELEVATION AT EXISTING RIGHT OF WAY UNLESS NOTED OTHERWISE.



USER NAME = rkocher	DESIGNED =	REVISED =
PLOT SCALE = 10.0000' / 1" =	DRAWN =	REVISED =
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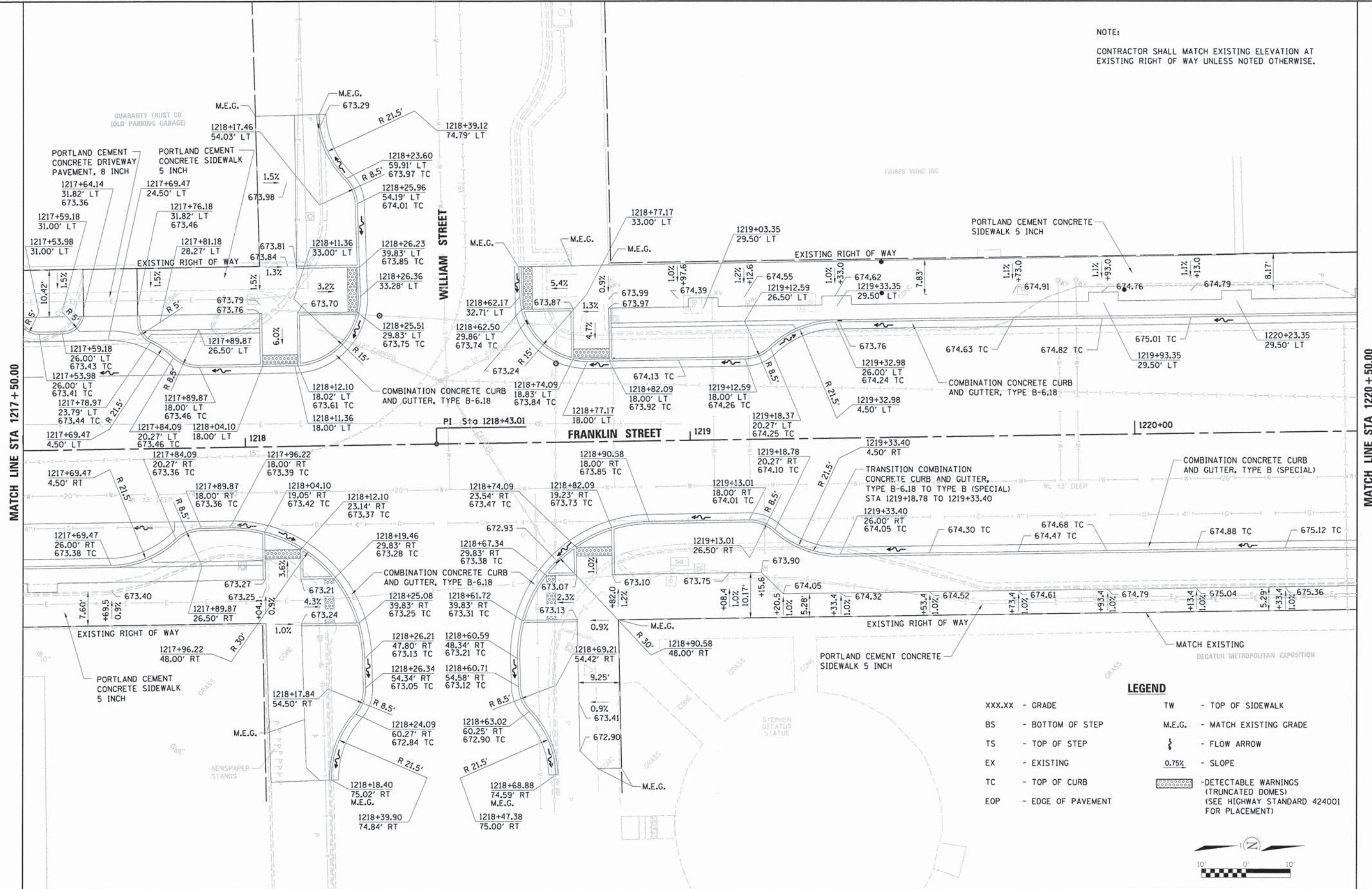
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET SITE PLAN
STA 1215 + 50.00 TO
STA 1217 + 50.00

NOTE:
CONTRACTOR SHALL MATCH EXISTING ELEVATION AT EXISTING RIGHT OF WAY UNLESS NOTED OTHERWISE.



- LEGEND**
- XXX.XX - GRADE
 - BS - BOTTOM OF STEP
 - TS - TOP OF STEP
 - EX - EXISTING
 - TC - TOP OF CURB
 - EOP - EDGE OF PAVEMENT
 - TW - TOP OF SIDEWALK
 - M.E.G. - MATCH EXISTING GRADE
 - ↓ - FLOW ARROW
 - 0.75% - SLOPE
 - [Pattern] - DETECTABLE WARNINGS (TRUNCATED DOMES) (SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)



USER NAME = rkocher	DESIGNED -	REVISED -
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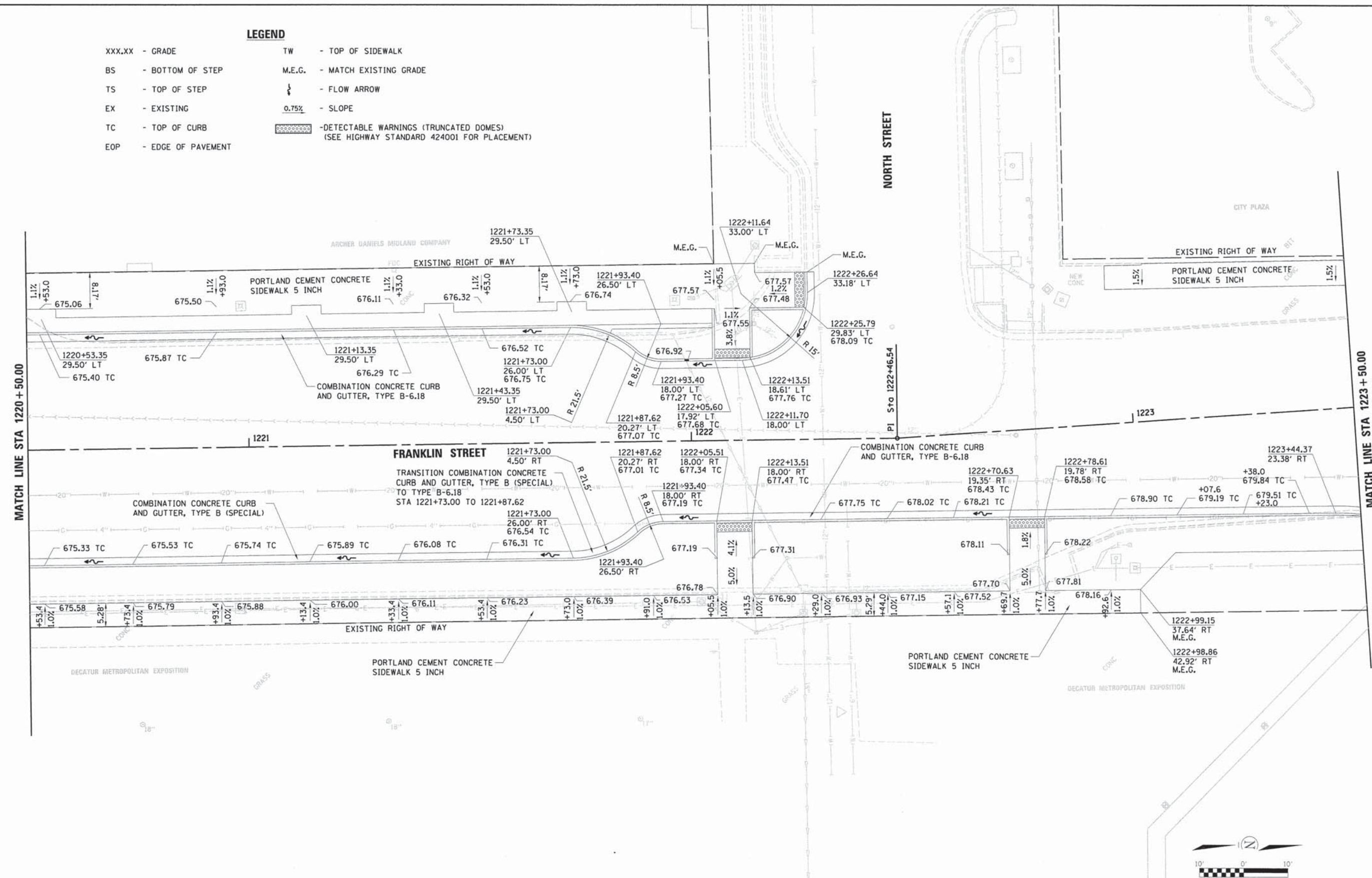
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FRANKLIN STREET STREETSCAPE ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET SITE PLAN
STA 1217 + 50.00 TO
STA 1220 + 50.00

- LEGEND**
- XXX.XX - GRADE
 - BS - BOTTOM OF STEP
 - TS - TOP OF STEP
 - EX - EXISTING
 - TC - TOP OF CURB
 - EOP - EDGE OF PAVEMENT
 - TW - TOP OF SIDEWALK
 - M.E.G. - MATCH EXISTING GRADE
 - FLOW ARROW
 - 0.75% - SLOPE
 - DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)



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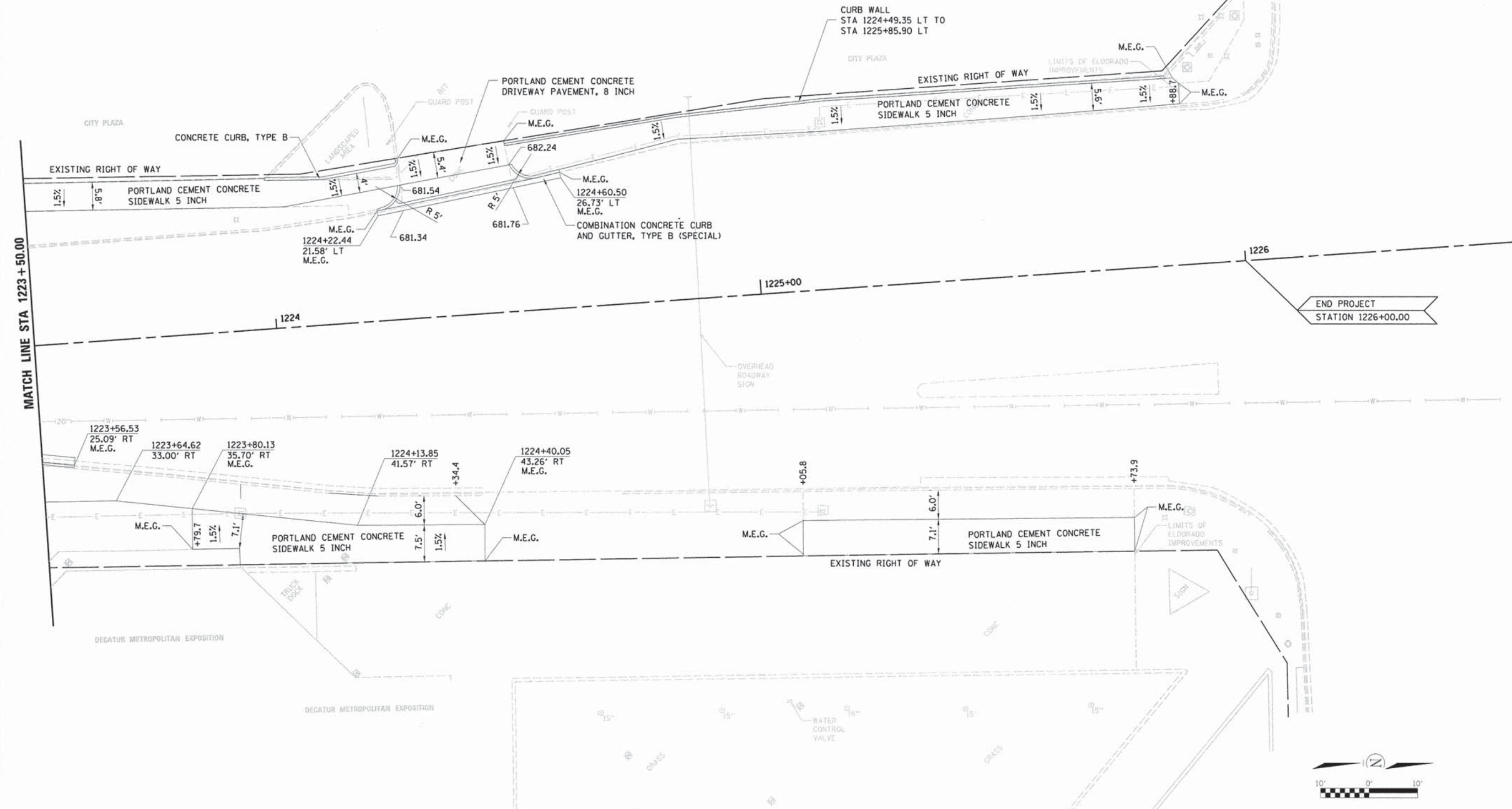
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Decatur, Illinois

FRANKLIN STREET SITE PLAN
STA 1220 + 50.00 TO
STA 1223 + 50.00



LEGEND

- XXX.XX - GRADE
- BS - BOTTOM OF STEP
- TS - TOP OF STEP
- EX - EXISTING
- TC - TOP OF CURB
- EOP - EDGE OF PAVEMENT
- TW - TOP OF SIDEWALK
- M.E.G. - MATCH EXISTING GRADE
- ↓ - FLOW ARROW
- 0.75% - SLOPE
- [Pattern] - DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT)



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USER NAME = rkocher	DESIGNED -	REVISED -
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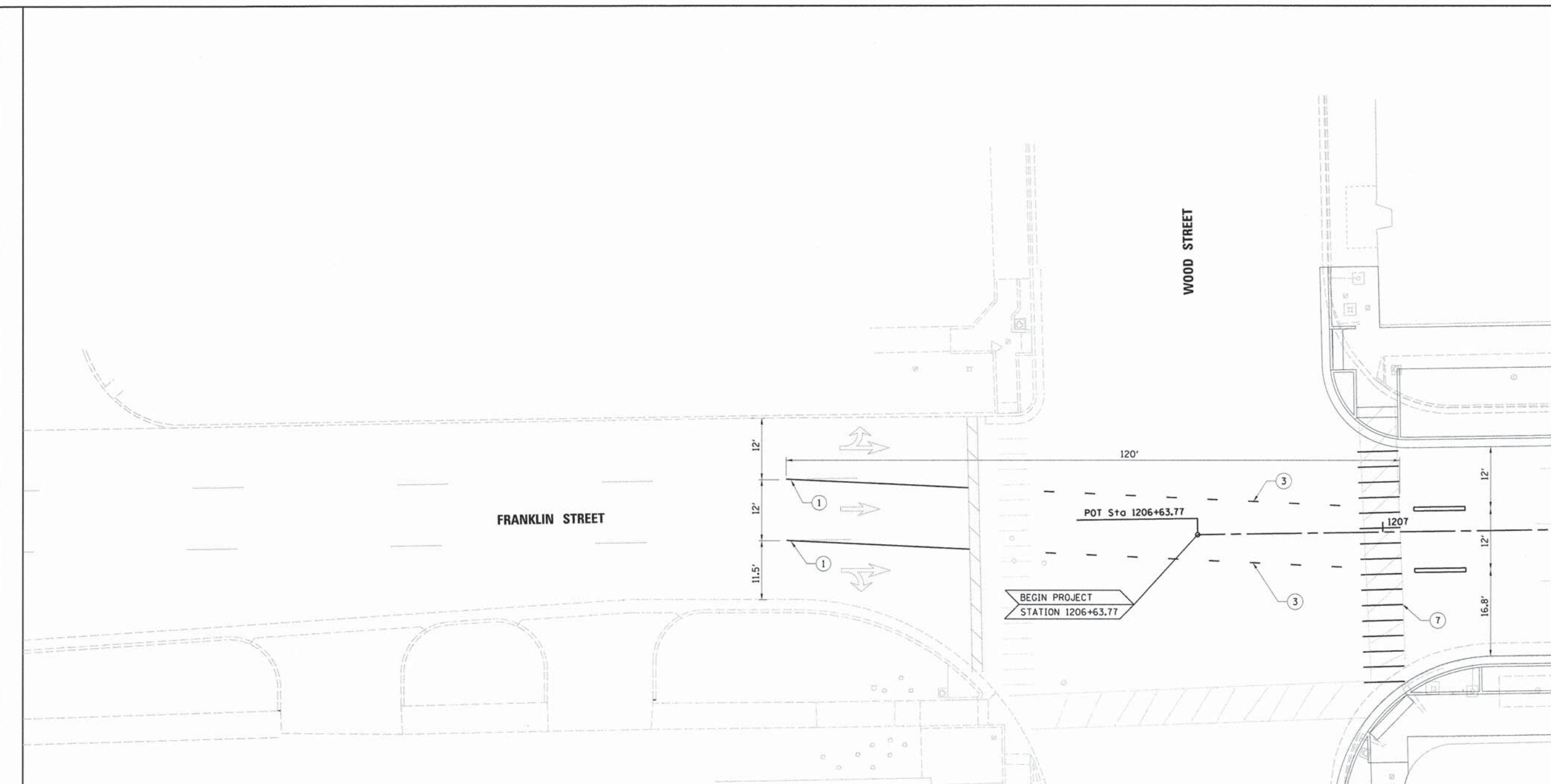
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Decatur, Illinois

FRANKLIN STREET SITE PLAN
STA 1223 + 50.00 TO
STA 1226 + 00.00

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LEGEND

- | | |
|--|---|
| ① PAINT PAVEMENT MARKING - LINE 6" (WHITE) | ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH) | ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE) | ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) |
| ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW) | ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW) |
| ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH) | ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE) |
| ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW) | |
| ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE) | |



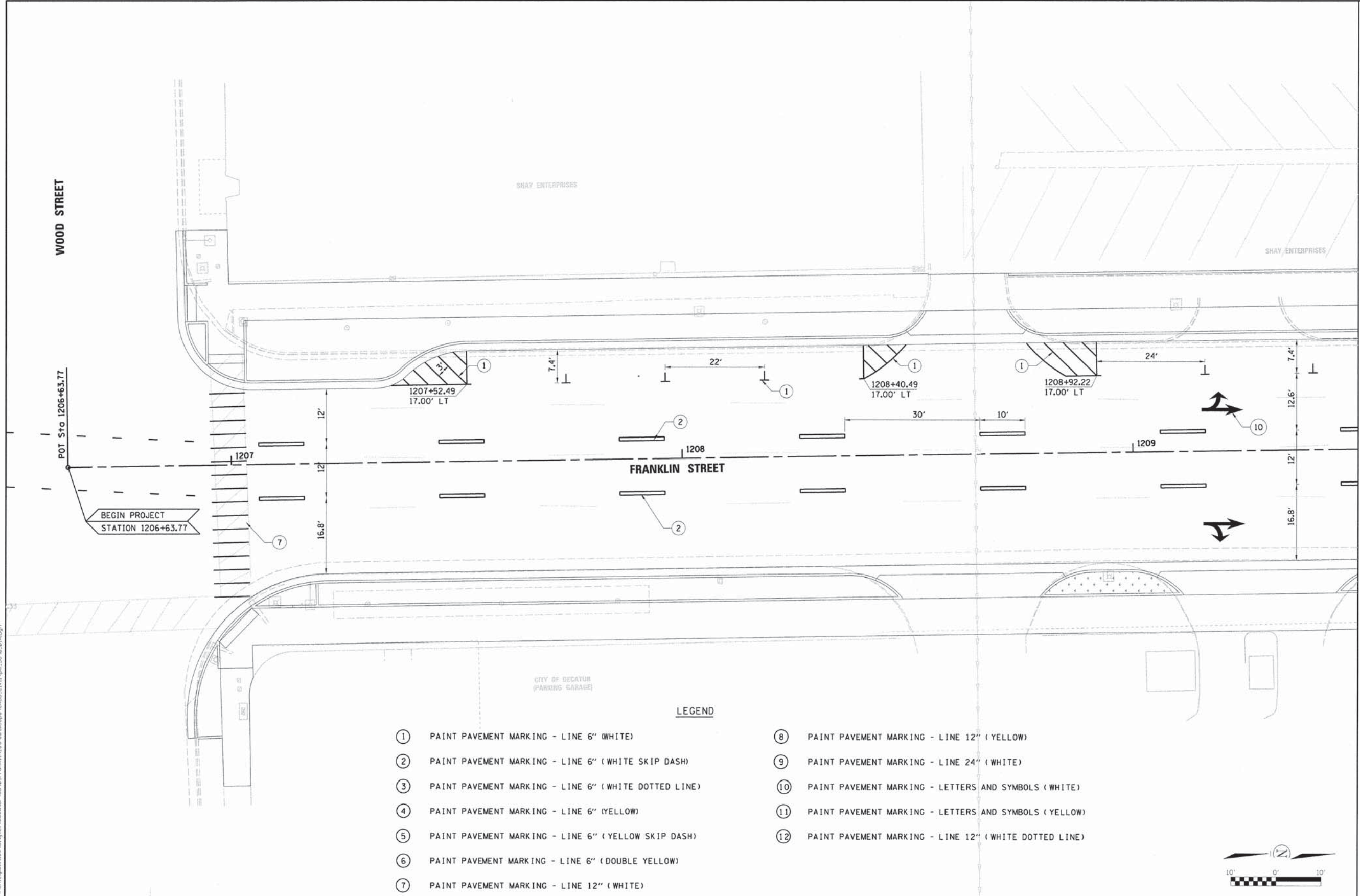
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
PAVEMENT MARKING AND
SIGNAGE PLAN STA 1206+63.77
TO STA 1209+50.00**



LEGEND

- | | |
|--|---|
| ① PAINT PAVEMENT MARKING - LINE 6" (WHITE) | ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH) | ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE) | ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) |
| ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW) | ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW) |
| ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH) | ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE) |
| ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW) | |
| ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE) | |

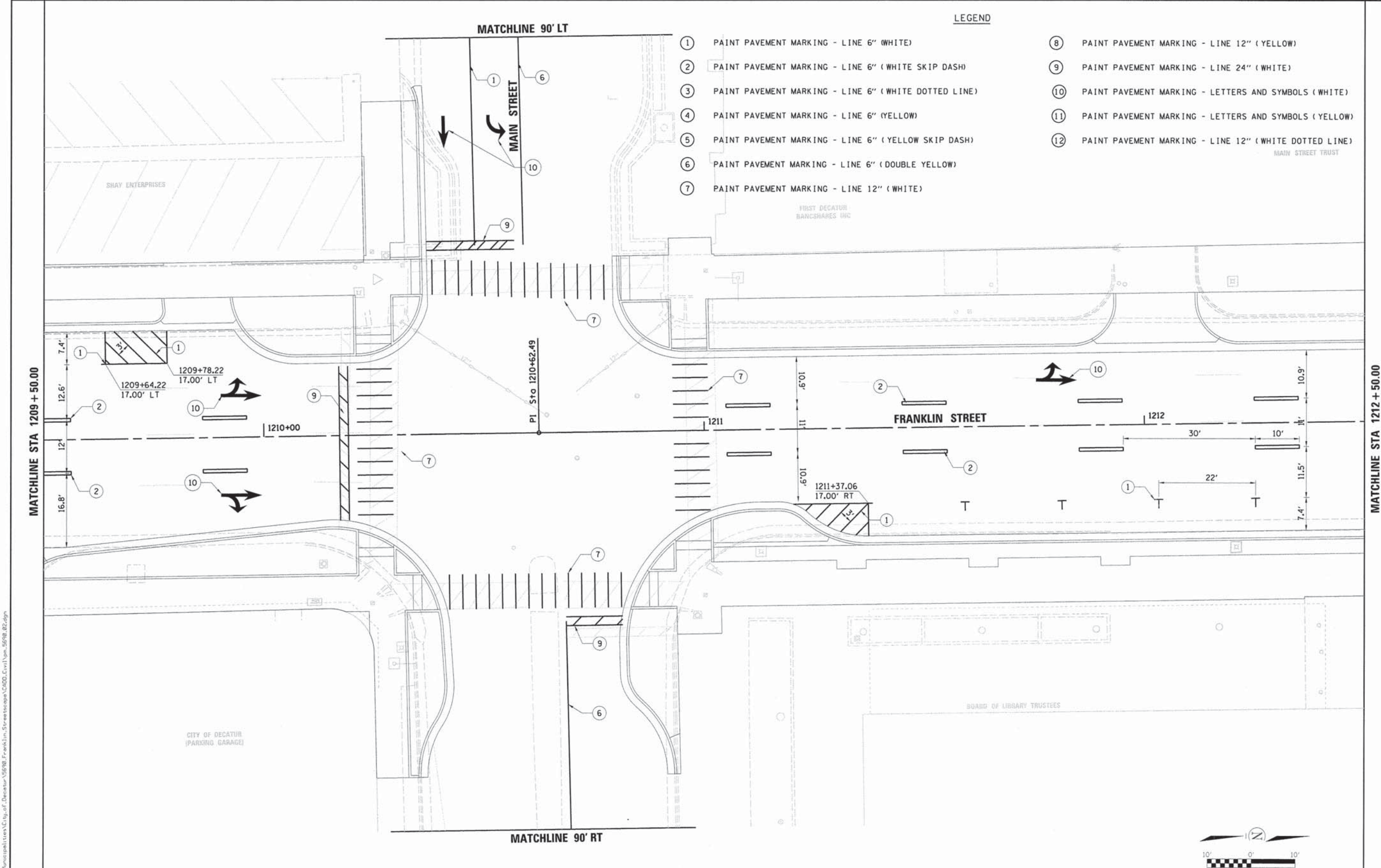
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET PAVEMENT MARKING AND SIGNAGE PLAN STA 1206 + 63.77 TO STA 1209 + 50.00



LEGEND

- ① PAINT PAVEMENT MARKING - LINE 6" (WHITE)
- ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW)
- ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH)
- ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW)
- ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE)
- ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW)
- ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE)

MAIN STREET TRUST

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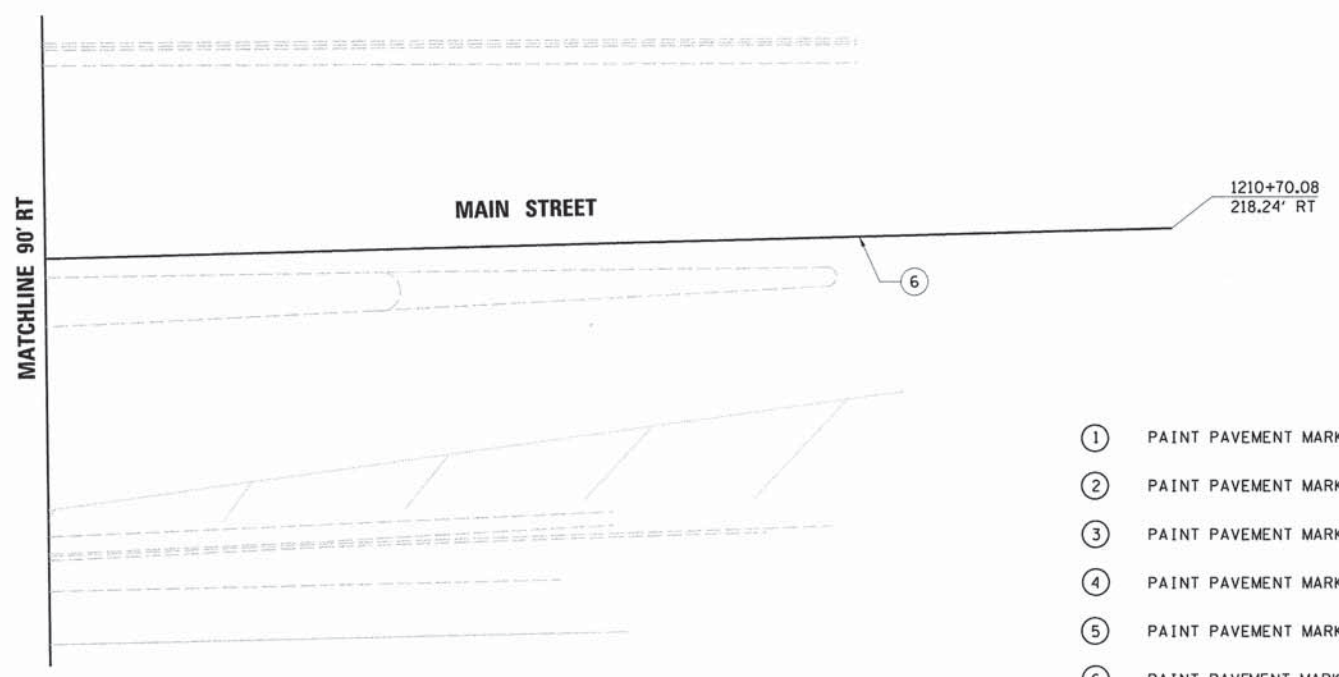
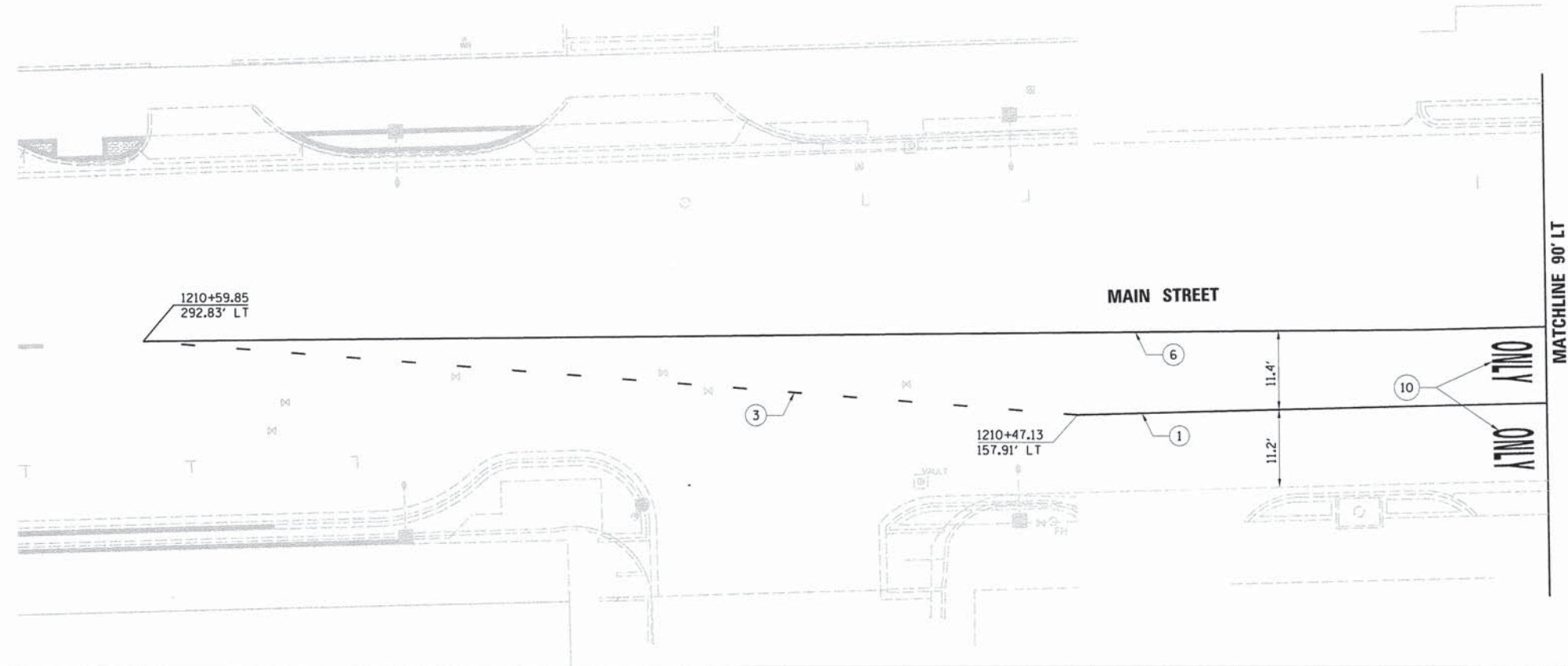
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET PAVEMENT MARKING AND SIGNAGE PLAN STA 1209+50.00 TO STA 1212+50.00



LEGEND

- ① PAINT PAVEMENT MARKING - LINE 6" (WHITE)
- ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW)
- ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH)
- ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW)
- ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE)
- ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW)
- ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE)

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USER NAME = rkocher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 3/6/2014	DATE - 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

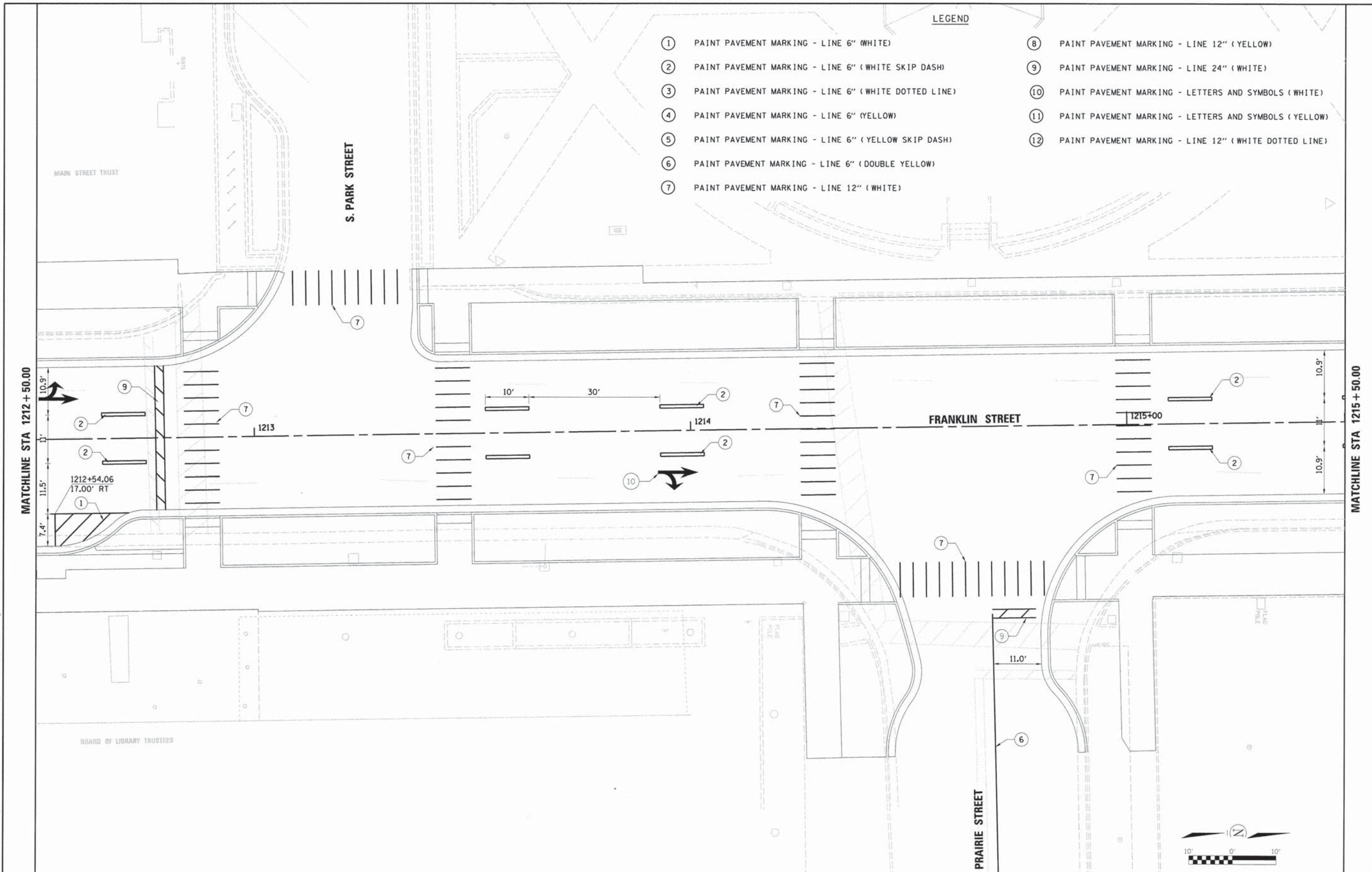
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

MAIN STREET PAVEMENT MARKING AND SIGNAGE PLAN

LEGEND

- ① PAINT PAVEMENT MARKING - LINE 6" (WHITE)
- ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW)
- ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH)
- ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW)
- ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE)
- ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW)
- ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE)



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USER NAME = rkoehler	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1" =	DRAWN -	REVISED -
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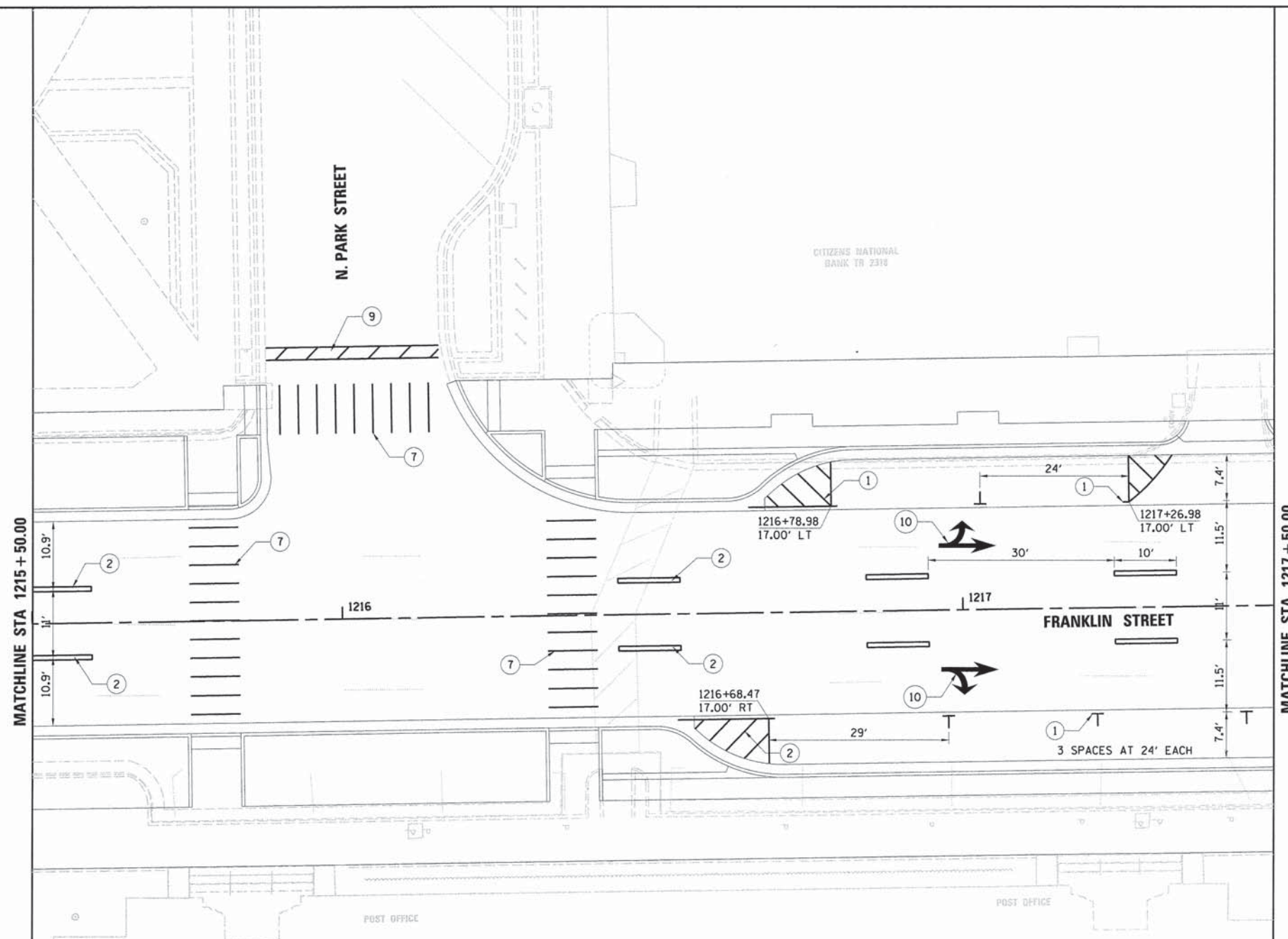
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CONSULTING ENGINEERS

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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET PAVEMENT MARKING AND SIGNAGE PLAN STA 1212+50.00 TO STA 1215+50.00

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LEGEND

- | | |
|--|--|
| ① PAINT PAVEMENT MARKING - LINE 6" (WHITE) | ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH) | ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE) | ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) |
| ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW) | ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW) |
| ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH) | ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE) |
| ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW) | ▨ DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT) |
| ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE) | |



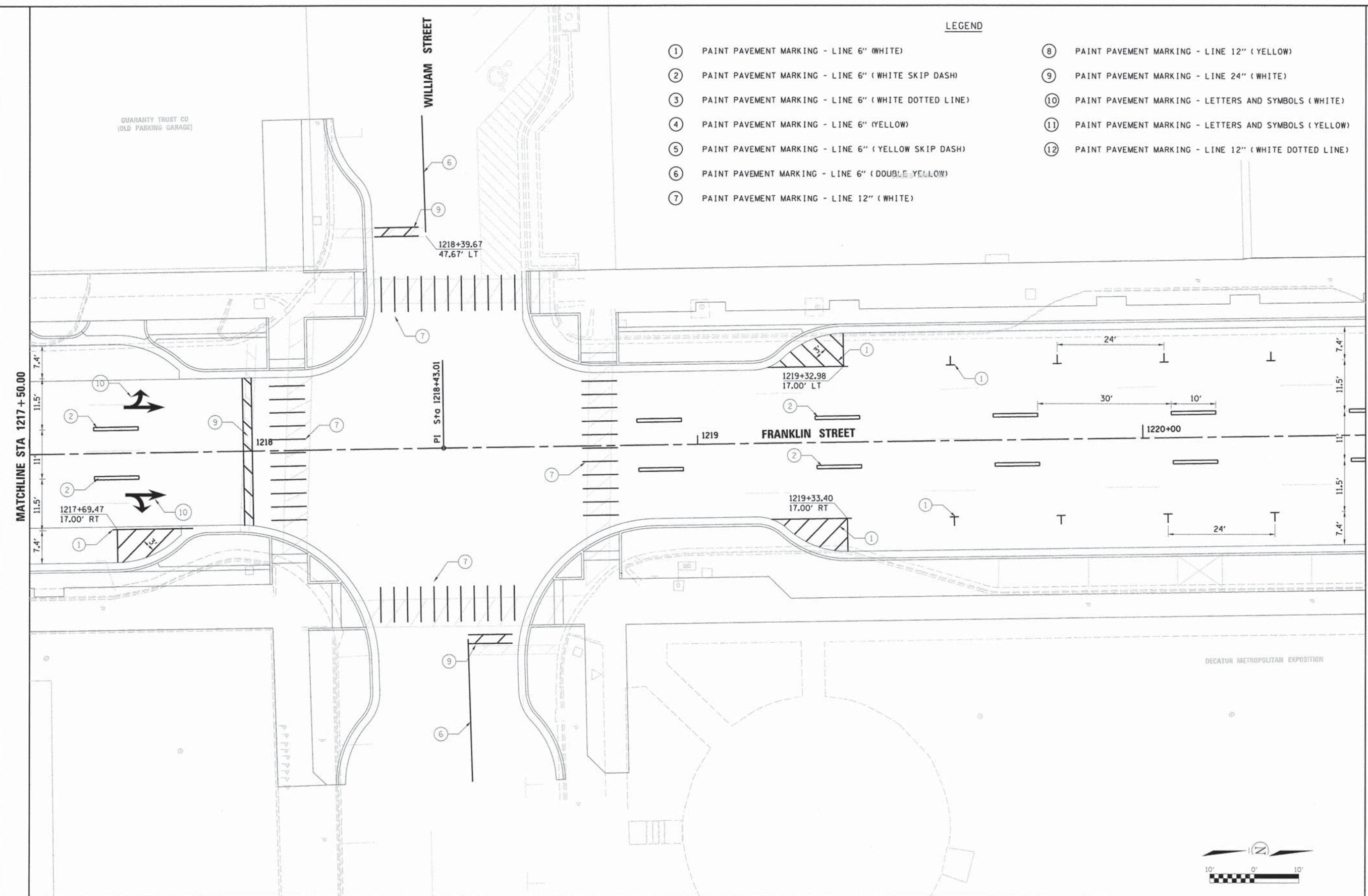
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	DATE: 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
PAVEMENT MARKING AND
SIGNAGE PLAN STA 1215 + 50.00
TO STA 1217 + 50.00**



LEGEND

- ① PAINT PAVEMENT MARKING - LINE 6" (WHITE)
- ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW)
- ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH)
- ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW)
- ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE)
- ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW)
- ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE)

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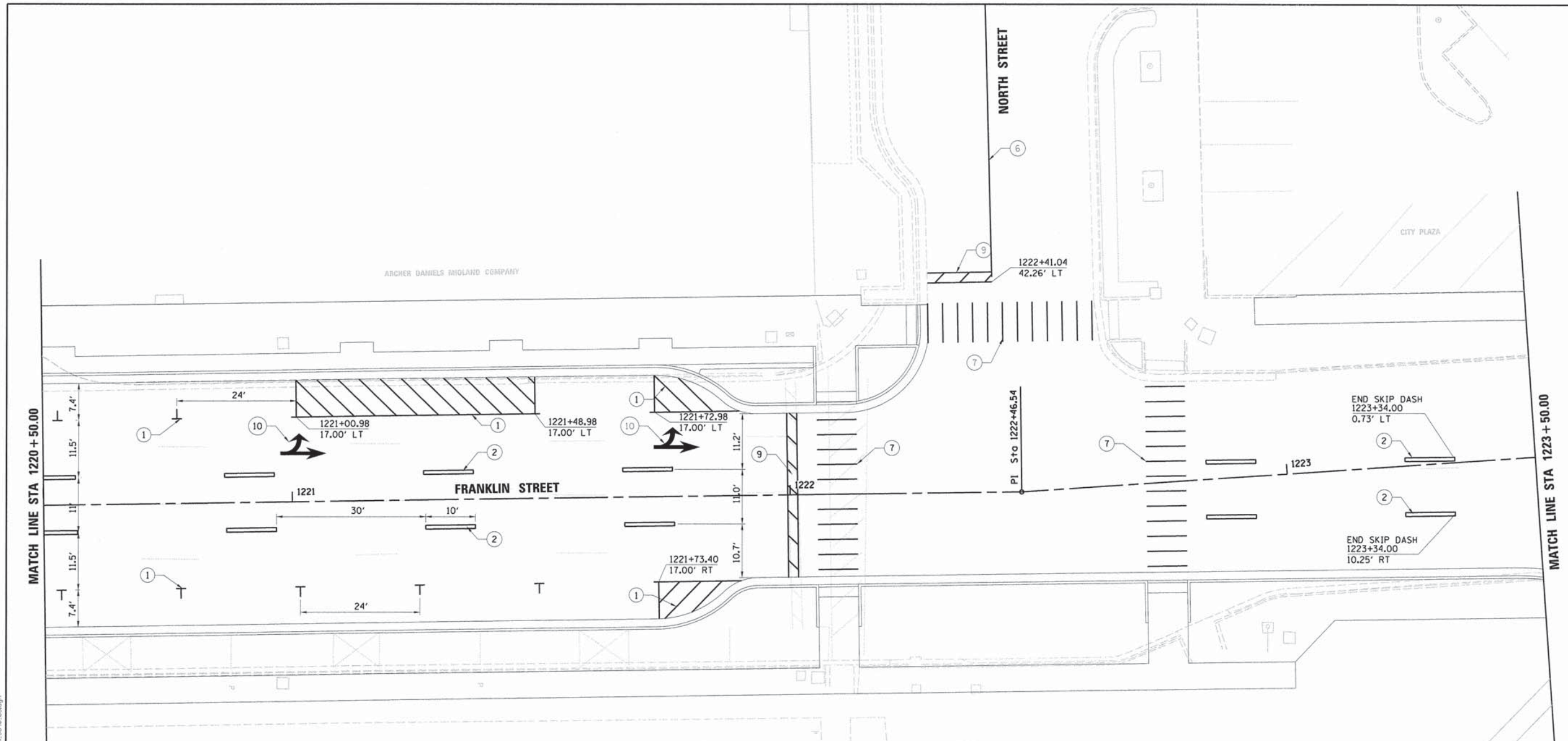
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	DATE = 10-31-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

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CHICAGO 6773 714-0050
ROCKFORD 6161 489-0050
184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
PAVEMENT MARKING AND
SIGNAGE PLAN STA 1217+50.00
TO STA 1220+50.00**



MATCH LINE STA 1220+50.00

MATCH LINE STA 1223+50.00

LEGEND

- | | |
|--|--|
| ① PAINT PAVEMENT MARKING - LINE 6" (WHITE) | ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW) |
| ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH) | ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE) |
| ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE) | ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) |
| ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW) | ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW) |
| ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH) | ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE) |
| ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW) | ▨ DETECTABLE WARNINGS (TRUNCATED DOMES)
(SEE HIGHWAY STANDARD 424001 FOR PLACEMENT) |
| ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE) | |



USER NAME = rkocher	DESIGNED -	REVISED -
PLOT SCALE = 10,0000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 3/6/2014	CHECKED -	REVISED -
	DATE = 10-31-13	REVISED -

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CONSULTING ENGINEERS

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ROCKFORD (815) 489-0050
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
PAVEMENT MARKING AND
SIGNAGE PLAN STA 1220+50.00
TO STA 1223+50.00**

LEGEND

- ① PAINT PAVEMENT MARKING - LINE 6" (WHITE)
- ② PAINT PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH)
- ③ PAINT PAVEMENT MARKING - LINE 6" (WHITE DOTTED LINE)
- ④ PAINT PAVEMENT MARKING - LINE 6" (YELLOW)
- ⑤ PAINT PAVEMENT MARKING - LINE 6" (YELLOW SKIP DASH)
- ⑥ PAINT PAVEMENT MARKING - LINE 6" (DOUBLE YELLOW)
- ⑦ PAINT PAVEMENT MARKING - LINE 12" (WHITE)
- ⑧ PAINT PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑨ PAINT PAVEMENT MARKING - LINE 24" (WHITE)
- ⑩ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑪ PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS (YELLOW)
- ⑫ PAINT PAVEMENT MARKING - LINE 12" (WHITE DOTTED LINE)



END PROJECT
STATION 1226+00.00

J:\Municipal\11\City of Decatur\56508-Franklin_Streetscape\CADD\Civil\Plan_56508_07.dgn

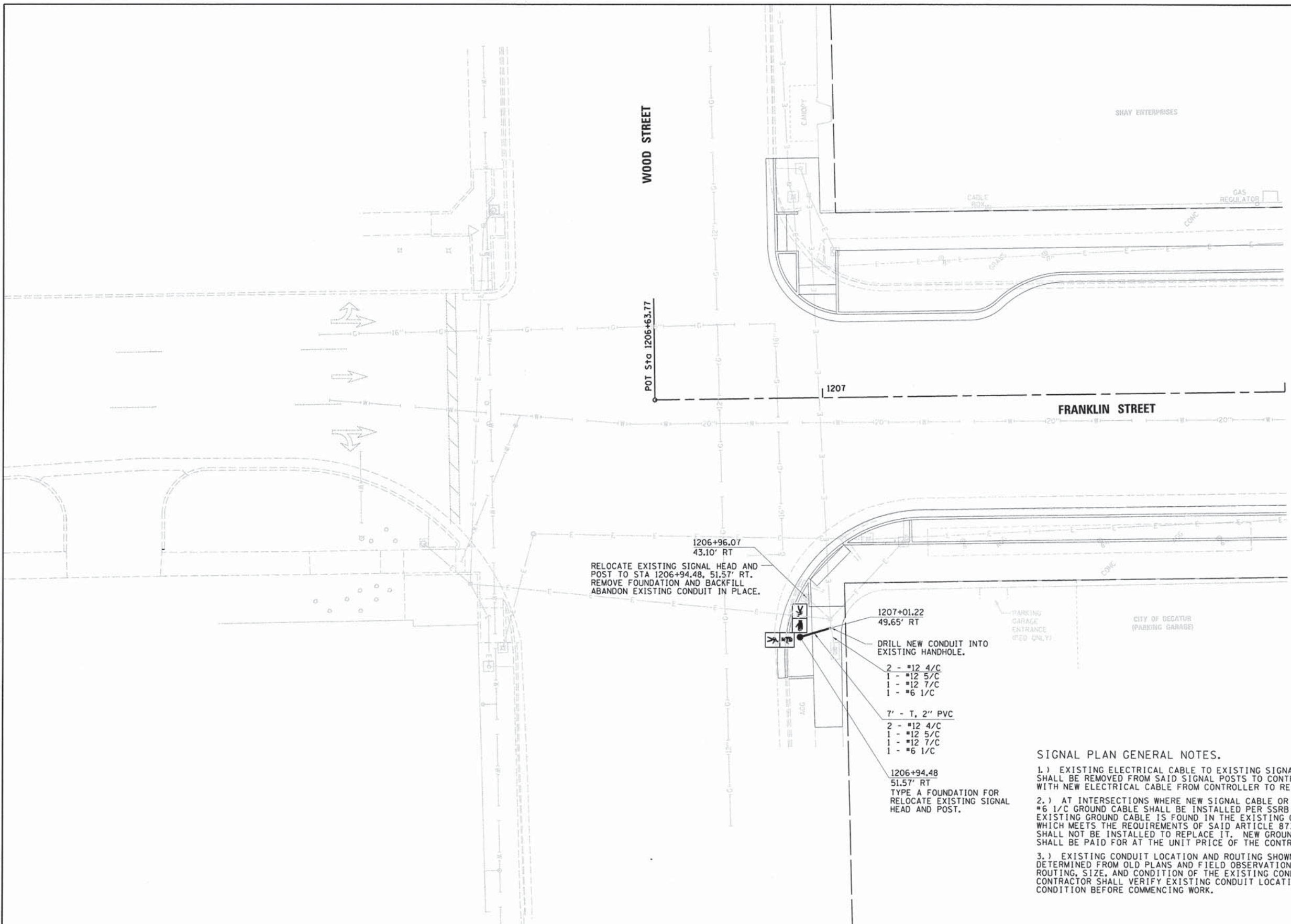
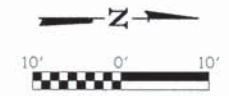
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	DATE - 10-31-13	REVISED -

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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

**FRANKLIN STREET
PAVEMENT MARKING AND
SIGNAGE PLAN STA 1223 + 50.00
TO STA 1226 + 50.00**



1206+96.07
43.10' RT
RELOCATE EXISTING SIGNAL HEAD AND POST TO STA 1206+94.48, 51.57' RT. REMOVE FOUNDATION AND BACKFILL. ABANDON EXISTING CONDUIT IN PLACE.

1207+01.22
49.65' RT
DRILL NEW CONDUIT INTO EXISTING HANDHOLE.
2 - #12 4/C
1 - #12 5/C
1 - #12 7/C
1 - #6 1/C

7' - T, 2" PVC
2 - #12 4/C
1 - #12 5/C
1 - #12 7/C
1 - #6 1/C

1206+94.48
51.57' RT
TYPE A FOUNDATION FOR RELOCATE EXISTING SIGNAL HEAD AND POST.

SIGNAL PLAN GENERAL NOTES.

- 1.) EXISTING ELECTRICAL CABLE TO EXISTING SIGNAL POSTS TO BE RELOCATED SHALL BE REMOVED FROM SAID SIGNAL POSTS TO CONTROLLER AND BE REPLACED WITH NEW ELECTRICAL CABLE FROM CONTROLLER TO RELOCATED SIGNAL POST.
- 2.) AT INTERSECTIONS WHERE NEW SIGNAL CABLE OR CONDUIT IS INSTALLED, A #6 1/C GROUND CABLE SHALL BE INSTALLED PER SSRB ARTICLE 873.04. IF AN EXISTING GROUND CABLE IS FOUND IN THE EXISTING CONDUITS AND HAND HOLES WHICH MEETS THE REQUIREMENTS OF SAID ARTICLE 873.04, NEW GROUND CABLE SHALL NOT BE INSTALLED TO REPLACE IT. NEW GROUND CABLE, AS REQUIRED, SHALL BE PAID FOR AT THE UNIT PRICE OF THE CONTRACT AS MEASURED IN PLACE.
- 3.) EXISTING CONDUIT LOCATION AND ROUTING SHOWN ON THE PLANS WAS DETERMINED FROM OLD PLANS AND FIELD OBSERVATIONS. THE ACTUAL LOCATION, ROUTING, SIZE, AND CONDITION OF THE EXISTING CONDUITS IS UNKNOWN. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATION, ROUTING, SIZE, AND CONDITION BEFORE COMMENCING WORK.

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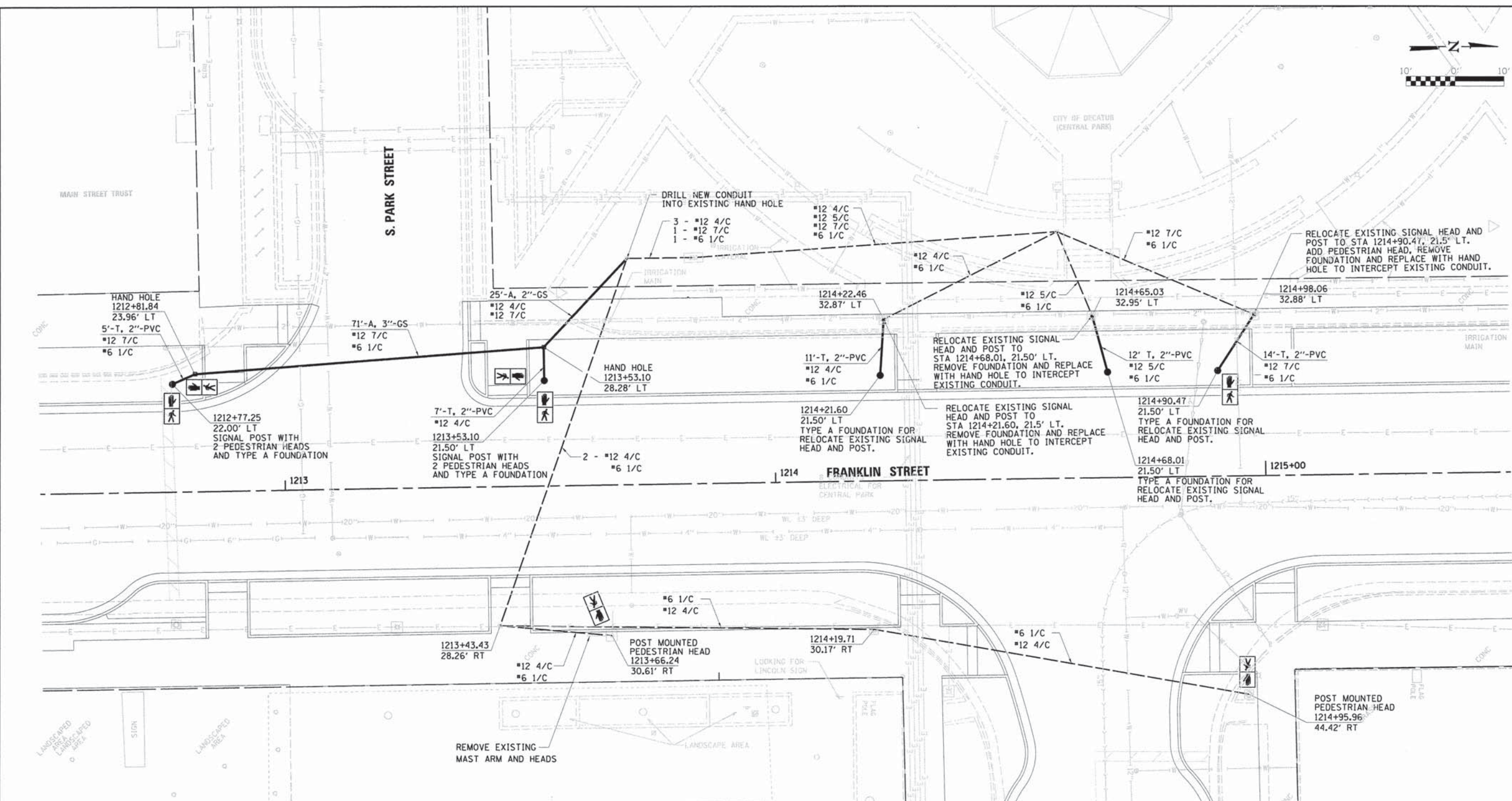
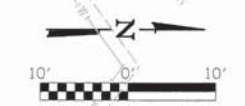
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	DATE - 100131-13	REVISED -

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

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ROCKFORD (815) 489-0050
184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

TRAFFIC SIGNAL PLAN
STA 1212 + 50.00 TO
STA 1215 + 50.00



SIGNAL PLAN GENERAL NOTES.

- 1.) EXISTING ELECTRICAL CABLE TO EXISTING SIGNAL POSTS TO BE RELOCATED SHALL BE REMOVED FROM SAID SIGNAL POSTS TO CONTROLLER AND BE REPLACED WITH NEW ELECTRICAL CABLE FROM CONTROLLER TO RELOCATED SIGNAL POST.
- 2.) AT INTERSECTIONS WHERE NEW SIGNAL CABLE OR CONDUIT IS INSTALLED, A #6 1/C GROUND CABLE SHALL BE INSTALLED PER SSRB ARTICLE 873.04. IF AN EXISTING GROUND CABLE IS FOUND IN THE EXISTING CONDUITS AND HAND HOLES WHICH MEETS THE REQUIREMENTS OF SAID ARTICLE 873.04, NEW GROUND CABLE SHALL NOT BE INSTALLED TO REPLACE IT. NEW GROUND CABLE, AS REQUIRED, SHALL BE PAID FOR AT THE UNIT PRICE OF THE CONTRACT AS MEASURED IN PLACE.
- 3.) EXISTING CONDUIT LOCATION AND ROUTING SHOWN ON THE PLANS WAS DETERMINED FROM OLD PLANS AND FIELD OBSERVATIONS. THE ACTUAL LOCATION, ROUTING, SIZE, AND CONDITION OF THE EXISTING CONDUITS IS UNKNOWN. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATION, ROUTING, SIZE, AND CONDITION BEFORE COMMENCING WORK.

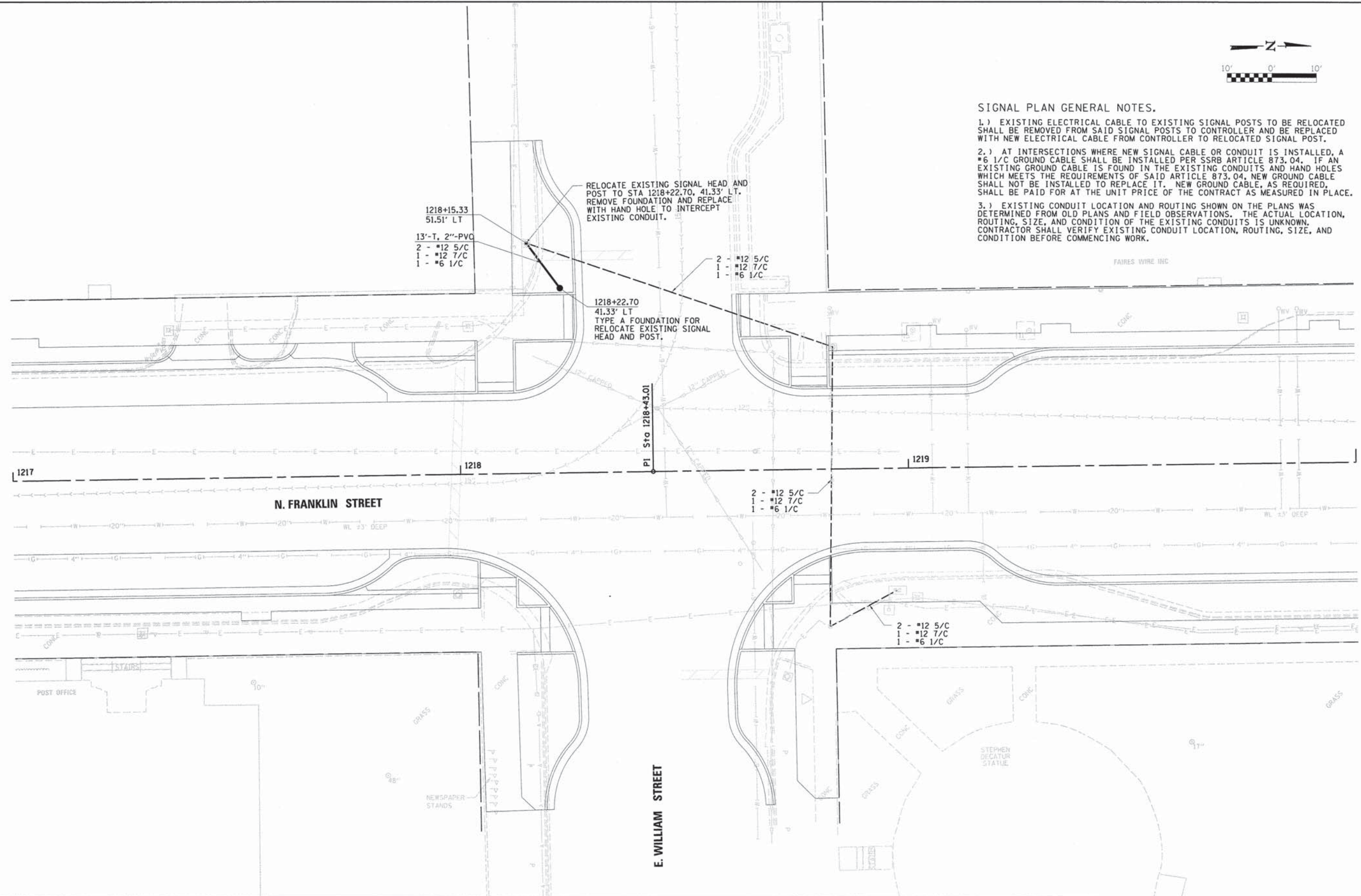
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USER NAME = rkaecher	DESIGNED - TES	REVISED -	 CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS DECATUR (217) 422-8544 CHICAGO (773) 714-0050 ROCKFORD (815) 489-0050 184-001397	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	TRAFFIC SIGNAL PLAN STA 1212 + 50.00 TO STA 1215 + 50.00	C-25 64 of 103 sheets
PLOT SCALE = 10.0000' / 1" =	DRAWN - RLK	REVISED -				
PLOT DATE = 3/6/2014	CHECKED - NEB	REVISED -				
	DATE - 10/13-13	REVISED -				



SIGNAL PLAN GENERAL NOTES.

- 1.) EXISTING ELECTRICAL CABLE TO EXISTING SIGNAL POSTS TO BE RELOCATED SHALL BE REMOVED FROM SAID SIGNAL POSTS TO CONTROLLER AND BE REPLACED WITH NEW ELECTRICAL CABLE FROM CONTROLLER TO RELOCATED SIGNAL POST.
- 2.) AT INTERSECTIONS WHERE NEW SIGNAL CABLE OR CONDUIT IS INSTALLED, A #6 1/C GROUND CABLE SHALL BE INSTALLED PER SSRB ARTICLE 873.04. IF AN EXISTING GROUND CABLE IS FOUND IN THE EXISTING CONDUITS AND HAND HOLES WHICH MEETS THE REQUIREMENTS OF SAID ARTICLE 873.04, NEW GROUND CABLE SHALL NOT BE INSTALLED TO REPLACE IT. NEW GROUND CABLE, AS REQUIRED, SHALL BE PAID FOR AT THE UNIT PRICE OF THE CONTRACT AS MEASURED IN PLACE.
- 3.) EXISTING CONDUIT LOCATION AND ROUTING SHOWN ON THE PLANS WAS DETERMINED FROM OLD PLANS AND FIELD OBSERVATIONS. THE ACTUAL LOCATION, ROUTING, SIZE, AND CONDITION OF THE EXISTING CONDUITS IS UNKNOWN. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATION, ROUTING, SIZE, AND CONDITION BEFORE COMMENCING WORK.



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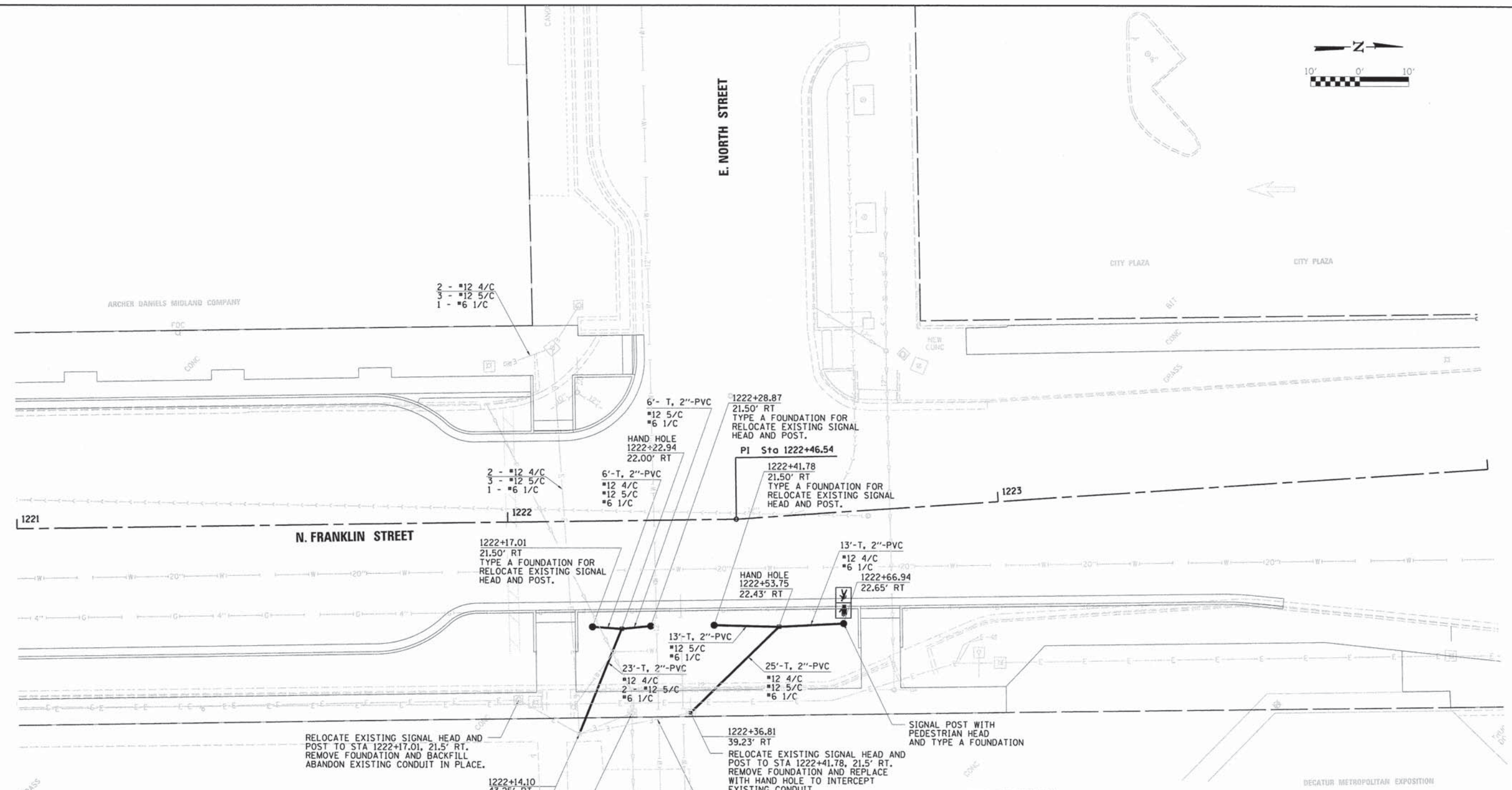
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	DATE - 10/13-13	REVISED -

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CONSULTING ENGINEERS

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CHICAGO (773) 714-9858
ROCKFORD (815) 489-0050
184-001397

FRANKLIN STREET STREETSCAPE ENHANCEMENT
Decatur, Illinois

TRAFFIC SIGNAL PLAN
STA 1217 + 00.00 TO
STA 1220 + 00.00



RELOCATE EXISTING SIGNAL HEAD AND POST TO STA 1222+17.01, 21.5' RT. REMOVE FOUNDATION AND BACKFILL. ABANDON EXISTING CONDUIT IN PLACE.

DRILL NEW CONDUIT INTO EXISTING HANDHOLE. CONTRACTOR MAY AT HIS OPTION, CONNECT NEW CONDUIT TO AN EXISTING ABANDONED CONDUIT OF EQUIVALENT SIZE IN LIEU OF DRILLING THE EXISTING HANDHOLE.

RELOCATE EXISTING SIGNAL HEAD AND POST TO STA 1222+28.87, 21.5' RT. REMOVE FOUNDATION AND BACKFILL. ABANDON EXISTING CONDUIT IN PLACE.

RELOCATE EXISTING SIGNAL HEAD AND POST TO STA 1222+41.78, 21.5' RT. REMOVE FOUNDATION AND REPLACE WITH HAND HOLE TO INTERCEPT EXISTING CONDUIT.

SIGNAL POST WITH PEDESTRIAN HEAD AND TYPE A FOUNDATION

SIGNAL PLAN GENERAL NOTES.

- 1.) EXISTING ELECTRICAL CABLE TO EXISTING SIGNAL POSTS TO BE RELOCATED SHALL BE REMOVED FROM SAID SIGNAL POSTS TO CONTROLLER AND BE REPLACED WITH NEW ELECTRICAL CABLE FROM CONTROLLER TO RELOCATED SIGNAL POST.
- 2.) AT INTERSECTIONS WHERE NEW SIGNAL CABLE OR CONDUIT IS INSTALLED, A #6 1/C GROUND CABLE SHALL BE INSTALLED PER SSRB ARTICLE 873.04. IF AN EXISTING GROUND CABLE IS FOUND IN THE EXISTING CONDUITS AND HAND HOLES WHICH MEETS THE REQUIREMENTS OF SAID ARTICLE 873.04, NEW GROUND CABLE SHALL NOT BE INSTALLED TO REPLACE IT. NEW GROUND CABLE, AS REQUIRED, SHALL BE PAID FOR AT THE UNIT PRICE OF THE CONTRACT AS MEASURED IN PLACE.
- 3.) EXISTING CONDUIT LOCATION AND ROUTING SHOWN ON THE PLANS WAS DETERMINED FROM OLD PLANS AND FIELD OBSERVATIONS. THE ACTUAL LOCATION, ROUTING, SIZE, AND CONDITION OF THE EXISTING CONDUITS IS UNKNOWN. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATION, ROUTING, SIZE, AND CONDITION BEFORE COMMENCING WORK.

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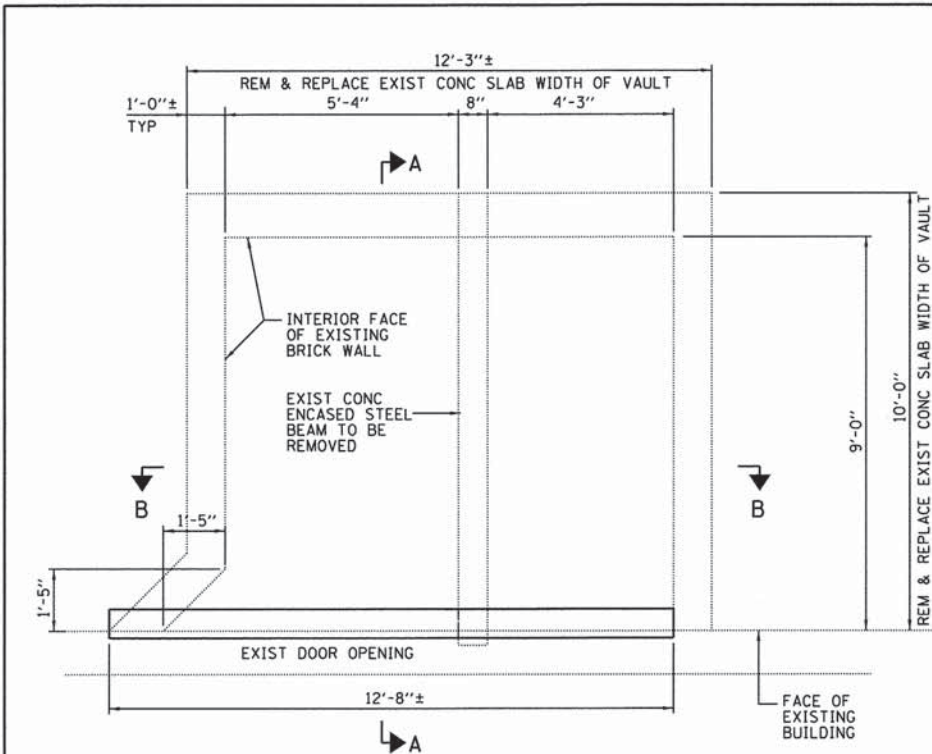
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CHASTAIN & ASSOCIATES LLC
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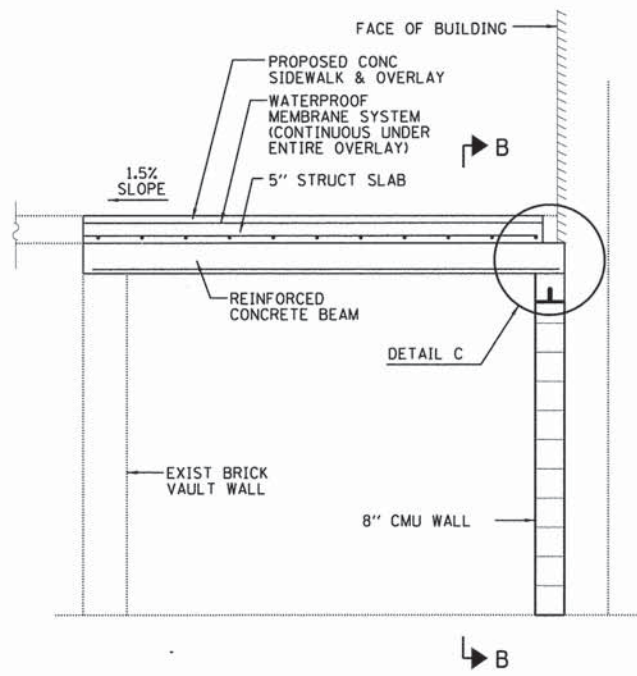
CHICAGO (217) 422-8544
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184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

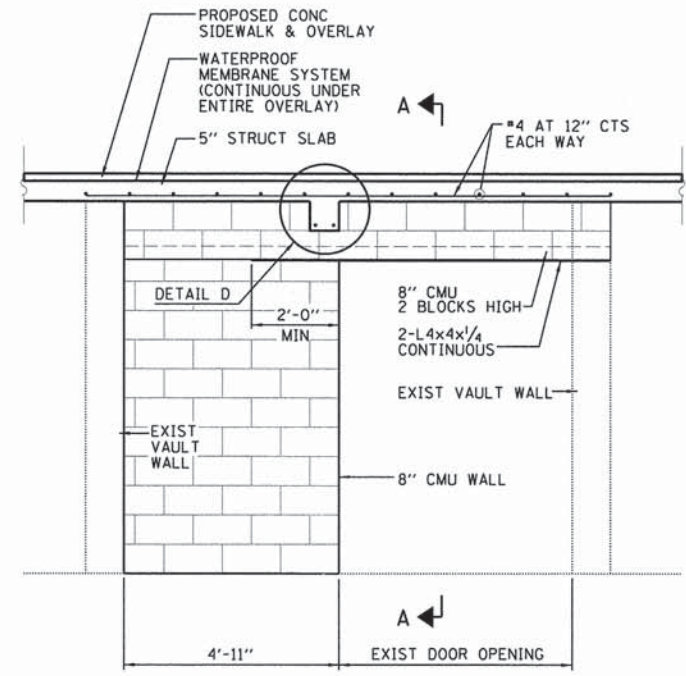
TRAFFIC SIGNAL PLAN
STA 1221+00.00 TO
STA 1224+00.00



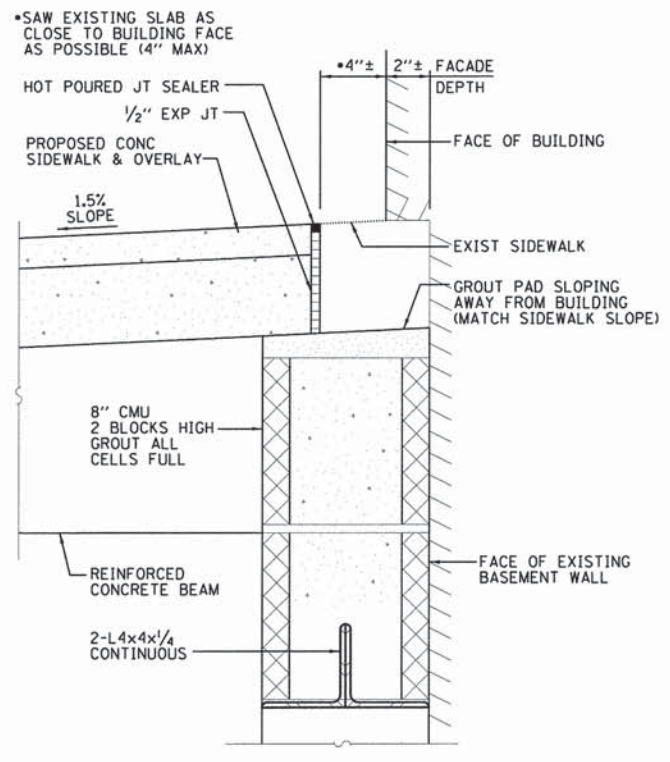
VAULT PLAN AT 125 N FRANKLIN (BUSEY BANK)



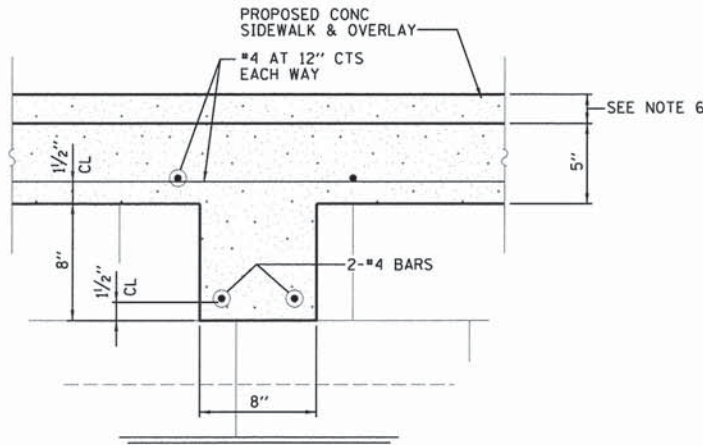
SECTION A-A



SECTION B-B



DETAIL C



DETAIL D

DESIGN STRESSES

FIELD UNITS
 f'c = 3,500 PSI
 fy = 60,000 PSI (REINFORCEMENT)
 fy = 36,000 PSI (STEEL ANGLES)

MIN BAR LAP

#4 BAR = 1'-11"

NOTES

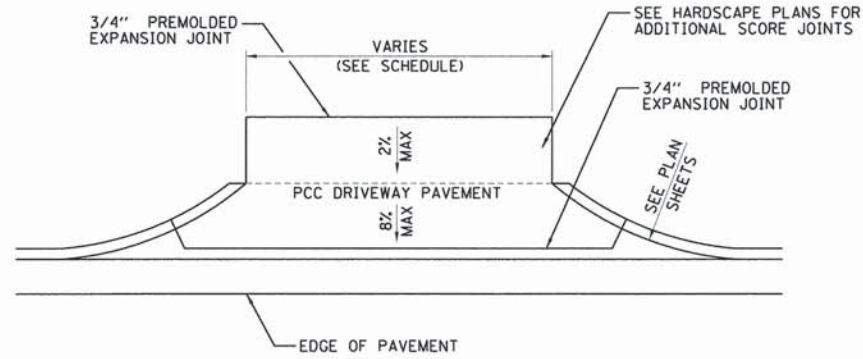
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR TO SUPPORT EXIST UTILITIES DURING SLAB REMOVAL AND SHALL PROVIDE HANGERS AND SUPPORTS FOR PROPOSED SLAB.
- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR 60.
- REINFORCEMENT BARS SHALL BE EPOXY COATED.
- SEE SUMMARY OF QUANTITIES FOR SIDEWALK OVERLAY AND WATERPROOF MEMBRANE QUANTITIES.
- SEE SITE PLAN AND HARDSCAPE FOR SIDEWALK SLOPES AND OVERLAY DETAILS.
- CONSTRUCTION JOINTS OF THE SLAB, WHERE NEEDED, SHALL BE LOCATED OUTSIDE THE LIMITS OF THE VAULT.
- MORTAR SHALL BE CEMENT LIME, TYPE S AND CONFORM TO ASTM C270.
- GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI ACCORDING TO ASTM C476, MORTAR CAN NOT BE SUBSTITUTED FOR GROUT.
- STEEL ANGLES SHALL BE GALVANIZED ACCORDING TO ASTM A 123.
- POCKET IN EXISTING BRICK SHALL BE CUT TO FIT END OF CONCRETE BEAM AND LINTEL.
- THE ENTIRE CMU COURSE WITH THE ANGLE LINTEL MAY BE SUBSTITUTED WITH AN 8X8 PRECAST CONCRETE LINTEL BEAM AS APPROVED BY THE ENGINEER. SEE SPECIAL PROVISIONS.



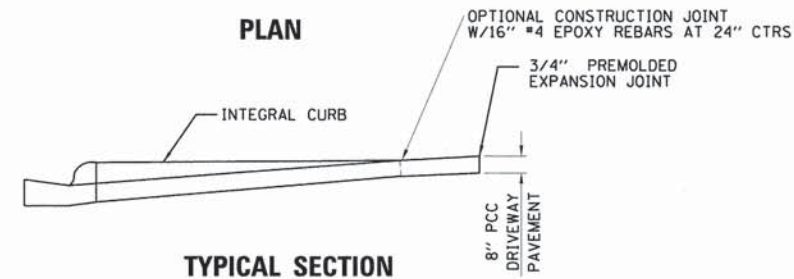
JEREMY BUENING, P.E., S.E. DATE 3/7/14
 EXPIRES 11/30/2014

I:\Municipal\125NFranklin\Drawings\Structural\125NFranklin\125NFranklin.dwg

USER NAME = kopher	DESIGNED -	REVISED -		DECATUR (217) 422-8544 CHICAGO (773) 714-0050 ROCKFORD (815) 489-0050 184-001397	FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois	CONCRETE STRUCTURE (SPECIAL) DETAILS	C-28 67 of 103 sheets
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PLOT DATE = 3/8/2014	CHECKED -	REVISED -					
	DATE -	REVISED -					



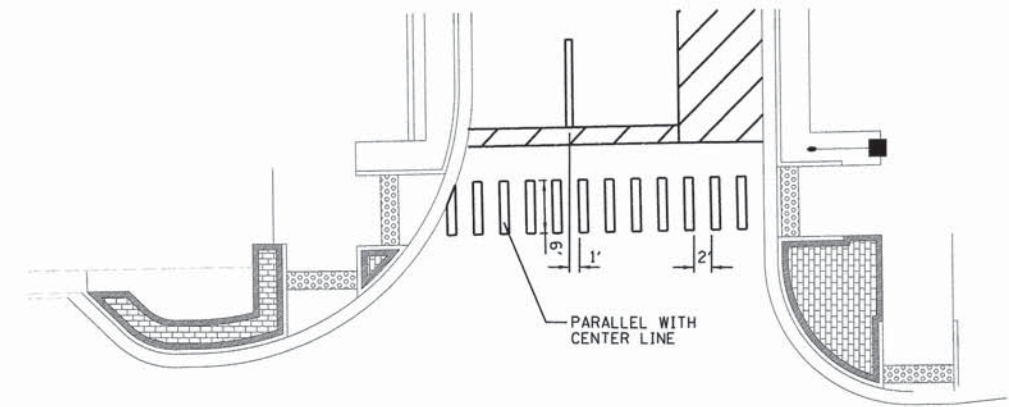
NOTE: WHERE SIDEWALK CROSSES DRIVEWAYS, SIDEWALK THICKNESS SHALL MATCH DRIVEWAY THICKNESS



TYPICAL SECTION

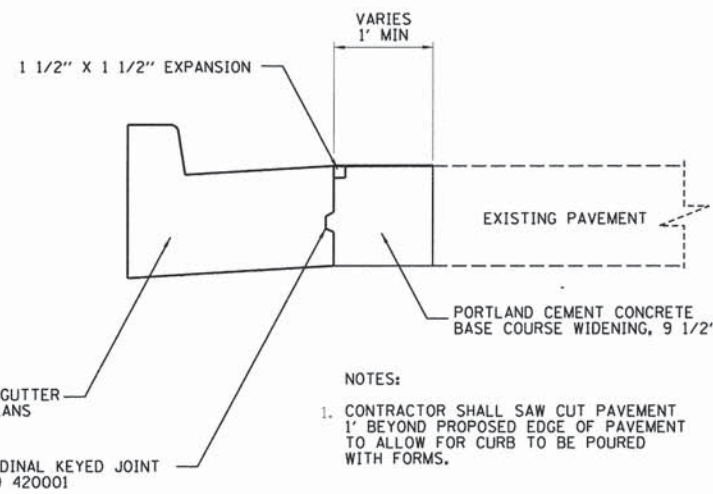
ENTRANCE DETAIL

CHECK SITE PLAN FOR ENTRANCE GRADES



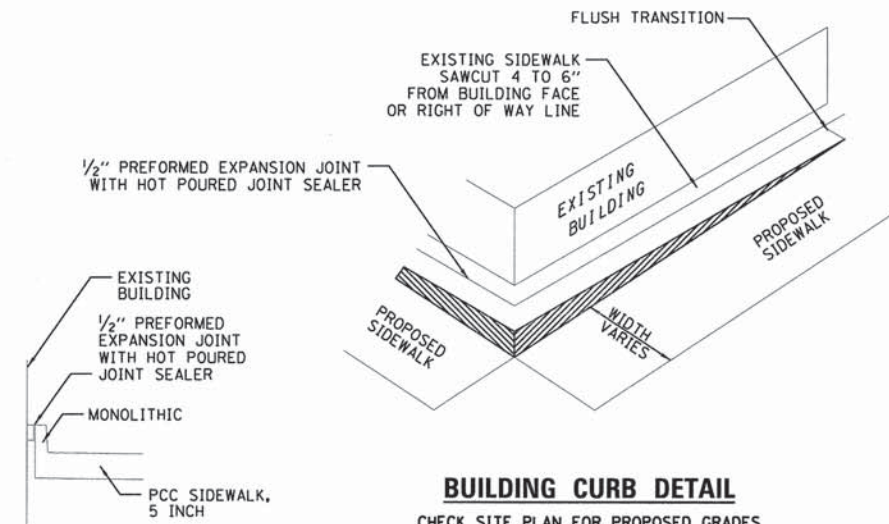
CROSSWALK STRIPING DETAIL

NOT TO SCALE



CURB CONSTRUCTION DETAIL

NOT TO SCALE



BUILDING CURB DETAIL

CHECK SITE PLAN FOR PROPOSED GRADES
- NOT TO SCALE -

I:\Municipal\1105\11051011\Drawings\Streetscape\CADD\Civil\11051011.dwg

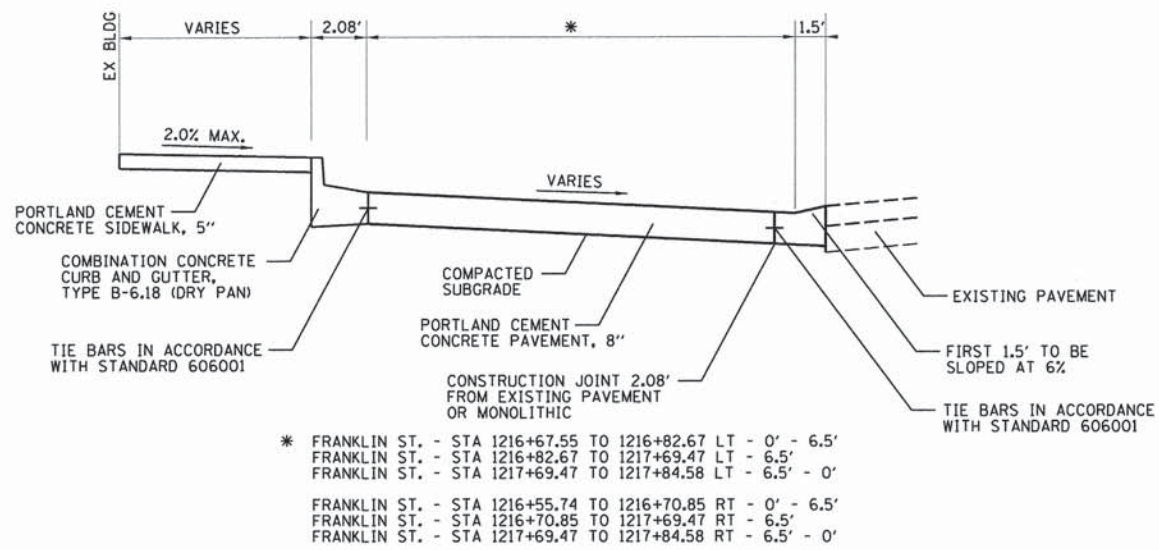
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PLOT DATE = 3/6/2014	DATE = 10-31-13	REVISED -

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CONSULTING ENGINEERS

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CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

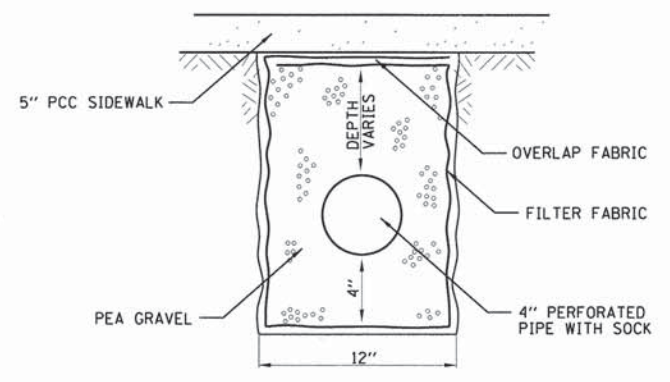
FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

MISCELLANEOUS DETAILS



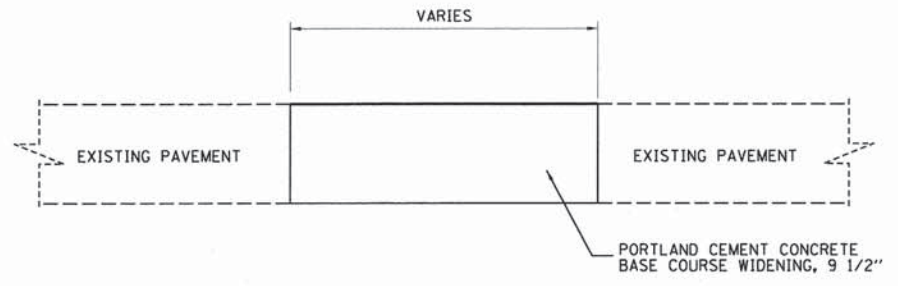
- * FRANKLIN ST. - STA 1216+67.55 TO 1216+82.67 LT - 0' - 6.5'
- FRANKLIN ST. - STA 1216+82.67 TO 1217+69.47 LT - 6.5'
- FRANKLIN ST. - STA 1217+69.47 TO 1217+84.58 LT - 6.5' - 0'
- FRANKLIN ST. - STA 1216+55.74 TO 1216+70.85 RT - 0' - 6.5'
- FRANKLIN ST. - STA 1216+70.85 TO 1217+69.47 RT - 6.5'
- FRANKLIN ST. - STA 1217+69.47 TO 1217+84.58 RT - 6.5' - 0'

SECTION A-A
SEE SHEET C-11
NOT TO SCALE



FABRIC LINING OF TRENCH, BACKFILL AND BEDDING ARE INCIDENTAL TO THE PIPE UNDERDRAIN PAY ITEM.

PIPE UNDERDRAIN, 4"
NOT TO SCALE



SECTION B-B
SEE SHEET C-9
NOT TO SCALE
E. MAIN ST. - STA 1210+59.8 27.72' RT TO 1210+66.3 180.25' RT

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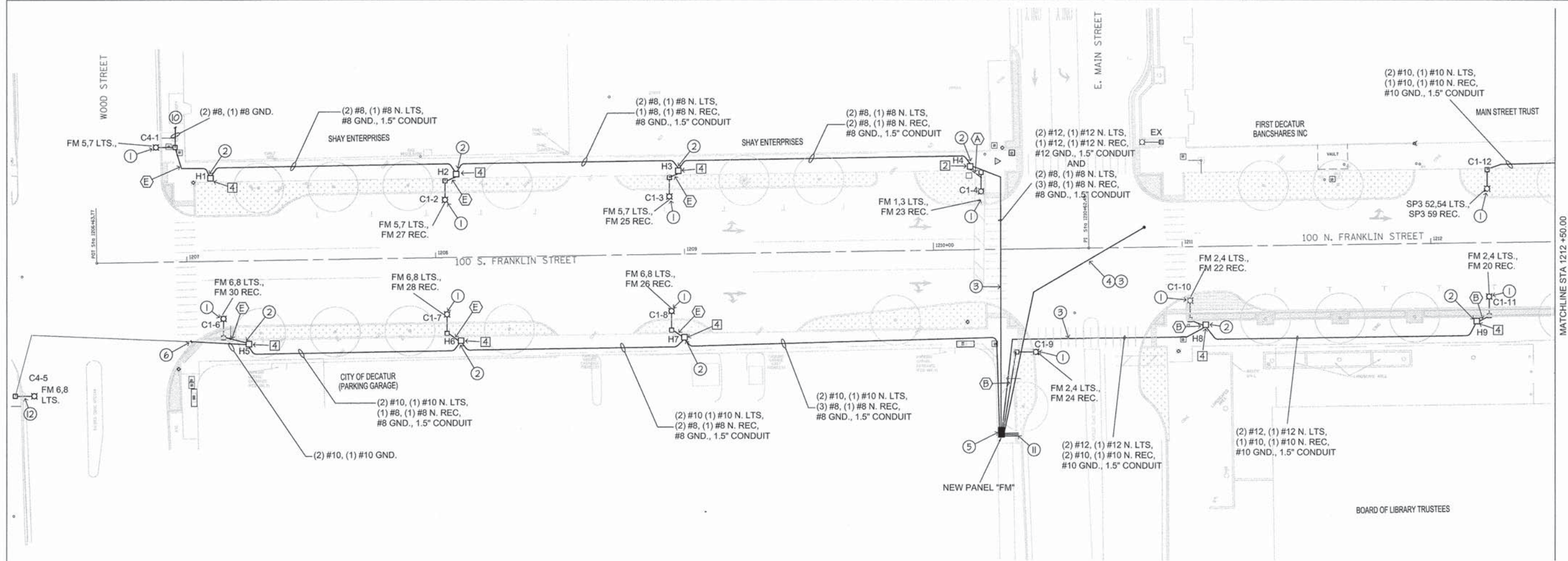
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PLOT DATE = 3/6/2014	DATE - 10-31-13	REVISED -

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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

MISCELLANEOUS DETAILS



GENERAL NOTES FOR E-1 THROUGH E-4

1. COORDINATE EXACT LOCATIONS FOR ALL STREET LIGHTS AND HANDHOLES WITH THE CITY AND GENERAL CONTRACTOR.
2. PROVIDE #10 WIRE UP ALL POLES TO FIXTURES AND RECEPTACLE. WIRING INSIDE THE POLE IS INCLUDED WITH THE PAY ITEM FOR THE LIGHT POLE AND FIXTURE.
3. LIGHT FIXTURES AND THE TOP RECEPTACLES (INCLUDING THE GLOW RINGS AND THE RECEPTACLE ON THE GLOW RINGS) ARE WIRED TO THE CIRCUIT MARKED "LTS", AND ARE CONTROLLED BY THE PHOTOCELL AND LIGHTING CONTACTOR.
4. RECEPTACLES AT THE POLE BASE ARE WIRED TO THE CIRCUIT MARKED "REC". THESE CIRCUITS ARE ALWAYS ON.
5. GROUP MULTIWIRED BRANCH CIRCUIT WIRING TOGETHER WITH WIRE TIES AT PANELBOARDS AND HANDHOLES.

KEYED NOTES FOR E-1 THROUGH E-4

- ① → "DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL", AND "LIGHT POLE FOUNDATION, 30" DIAMETER." POLE, LIGHT FIXTURE, FOUNDATION, CONDUIT, WIRE, ETC. PROVIDED AND INSTALLED BY CONTRACTOR. REFER TO FOUNDATION DETAIL ON DRAWING E-9, DETAIL E.
- ② → "HANDHOLE, SPECIAL". STREET LIGHT HAND HOLE/ PULL BOX. REFER TO DRAWING E-9, DETAILS A & C.
- ③ → BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALK TO REMAIN.
- ④ → NEW 200A SERVICE BY CONTRACTOR. RUN (4) #3/0, 4" CONDUIT FROM TRANSFORMER VAULT TO CONTROL PANEL. AMEREN TO TERMINATE CONDUITS IN VAULT AND TO PULL WIRE INTO VAULT.
- ⑤ → NEW ELECTRICAL SERVICE PANEL "FM". REFER "LIGHTING UNIT, COMPLETE, SPECIAL" AND REFER TO DRAWINGS E-10 THROUGH E-12.
- ⑥ → RECONNECT POWER TO ONE POLE LIGHT ON THE SOUTH SIDE OF WOOD STREET.
- ⑦ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑩ → RECONNECT POWER TO (2) LIGHTS WEST OF FRANKLIN STREET ALONG WOOD STREET.
- ⑪ → PROVIDE QUANTITY (3) 2" SPARE CONDUITS STUBBED OUT INTO TURF AREA. CAP AND MARK.
- ⑫ → "DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL" AND "LUMINAIRE MOUNTING BRACKET, SPECIAL". PROVIDE AND INSTALL NEW TYPE "C-4" STREET LIGHT AND POLE ON EXISTING FOUNDATION. PROVIDE AND INSTALL AN ADAPTER PLATE TO ADAPT EXISTING BOLTS TO NEW POLE. REFER TO DRAWING E-13, DETAIL B. PROVIDE NEW POLE WIRING. ALL OTHER CONDUIT AND WIRING TO BE REUSED.
- ⑬⑭ → KEYNOTES 13 THROUGH 17 NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

WIRE AND CONDUIT SCHEDULE				
KEYNOTE	LIGHTS	RECEPTACLES	GND.	CONDUIT
A	(2) #12, (1) #12 N.	(1) #12, (1) #12 N.	#12	1.5"
B	(2) #12, (1) #12 N.	(1) #10, (1) #10 N.	#10	1.5"
C	(2) #12, (1) #12 N.	(1) #8, (1) #8 N.	#8	1.5"
D	(2) #10, (1) #10 N.	(1) #10, (1) #10 N.	#10	1.5"
E	(2) #10, (1) #10 N.	(1) #8, (1) #8 N.	#8	1.5"
F	(2) #10, (1) #10 N.	(1) #6, (1) #6 N.	#6	1.5"

HAND HOLE SCHEDULE	
KEYNOTE	HAND HOLE SIZE
1	24" X 24" X 32"D
2	13" X 24" X 32"D
3	NOT USED
4	11" X 18" X 32"D

SHEET LEGEND



PROJECT LOCATION

NOTE:
CONTRACTOR TO CONTACT J.U.L.I.E.
(1-800-892-0123) BEFORE DIGGING TO
LOCATE UNDERGROUND UTILITIES.

NOTE:
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AND CITY OF DECATUR RECORD
DRAWINGS. SPECIFIC LOCATIONS WERE
NOT EXCAVATED FOR FIELD VERIFICATION.



T:\45004574\FRANKLIN STREET\DRAWINGS\4574 - FRANKLIN ST E-1 TO E-4.DWG 2/28/2014 12:03 PM

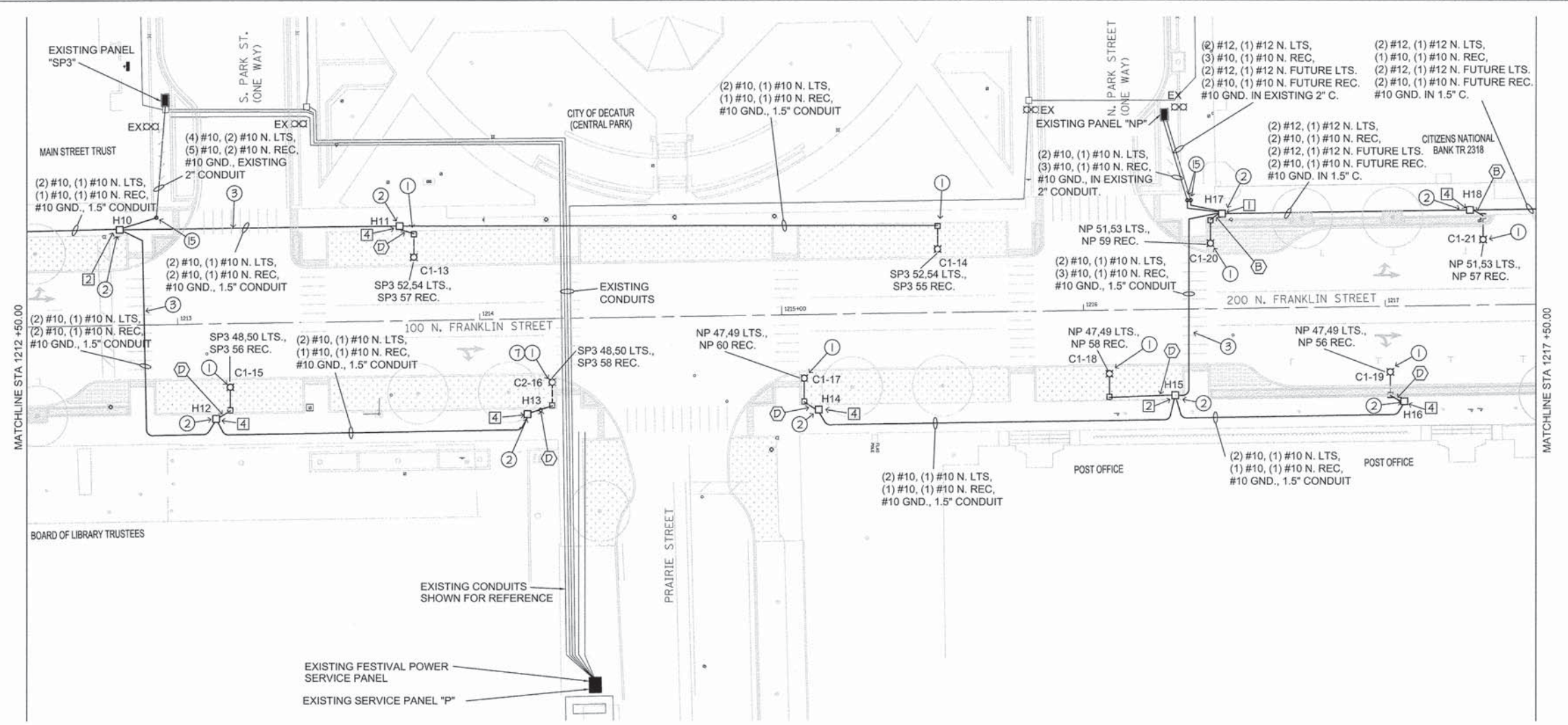
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CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL LIGHTING PLAN
STA. 1206+63.77 TO
STA. 1212+50.00



GENERAL NOTES FOR E-1 THROUGH E-4

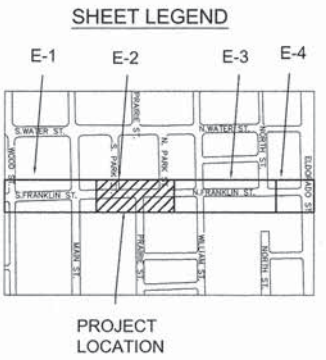
- COORDINATE EXACT LOCATIONS FOR ALL STREET LIGHTS AND HANDHOLES WITH THE CITY AND GENERAL CONTRACTOR.
- PROVIDE #10 WIRE UP ALL POLES TO FIXTURES AND RECEPTACLE. WIRING INSIDE THE POLE IS INCLUDED WITH THE PAY ITEM FOR THE LIGHT POLE AND FIXTURE.
- LIGHT FIXTURES AND THE TOP RECEPTACLES (INCLUDING THE GLOW RINGS AND THE RECEPTACLE ON THE GLOW RINGS) ARE WIRED TO THE CIRCUIT MARKED "LTS", AND ARE CONTROLLED BY THE PHOTOCCELL AND LIGHTING CONTACTOR.
- RECEPTACLES AT THE POLE BASE ARE WIRED TO THE CIRCUIT MARKED "REC". THESE CIRCUITS ARE ALWAYS ON.
- GROUP MULTIWIRED BRANCH CIRCUIT WIRING TOGETHER WITH WIRE TIES AT PANELBOARDS AND HANDHOLES.

KEYED NOTES FOR E-1 THROUGH E-4

- ① → "DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL", AND "LIGHT POLE FOUNDATION, 30" DIAMETER." POLE, LIGHT FIXTURE, FOUNDATION, CONDUIT, WIRE, ETC. PROVIDED AND INSTALLED BY CONTRACTOR. REFER TO FOUNDATION DETAIL ON DRAWING E-9, DETAIL E.
- ② → "HANDHOLE, SPECIAL". STREET LIGHT HAND HOLE/ PULL BOX. REFER TO DRAWING E-9, DETAILS A & C.
- ③ → BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALK TO REMAIN.
- ④ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑤ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑥ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑦ → AIM FLOODLIGHT AT FLAGPOLE.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑩ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑪ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑫ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑬ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑭ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑮ → EXTEND EXISTING 2" CONDUIT AS SHOWN.
- ⑯ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑰ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

WIRE AND CONDUIT SCHEDULE				
KEYNOTE	LIGHTS	RECEPTACLES	GND.	CONDUIT
A	(2) #12, (1) #12 N.	(1) #12, (1) #12 N.	#12	1.5"
B	(2) #12, (1) #12 N.	(1) #10, (1) #10 N.	#10	1.5"
C	(2) #12, (1) #12 N.	(1) #8, (1) #8 N.	#8	1.5"
D	(2) #10, (1) #10 N.	(1) #10, (1) #10 N.	#10	1.5"
E	(2) #10, (1) #10 N.	(1) #8, (1) #8 N.	#8	1.5"
F	(2) #10, (1) #10 N.	(1) #6, (1) #6 N.	#6	1.5"

HAND HOLE SCHEDULE	
KEYNOTE	HAND HOLE SIZE
1	24" X 24" X 32"D
2	13" X 24" X 32"D
3	NOT USED
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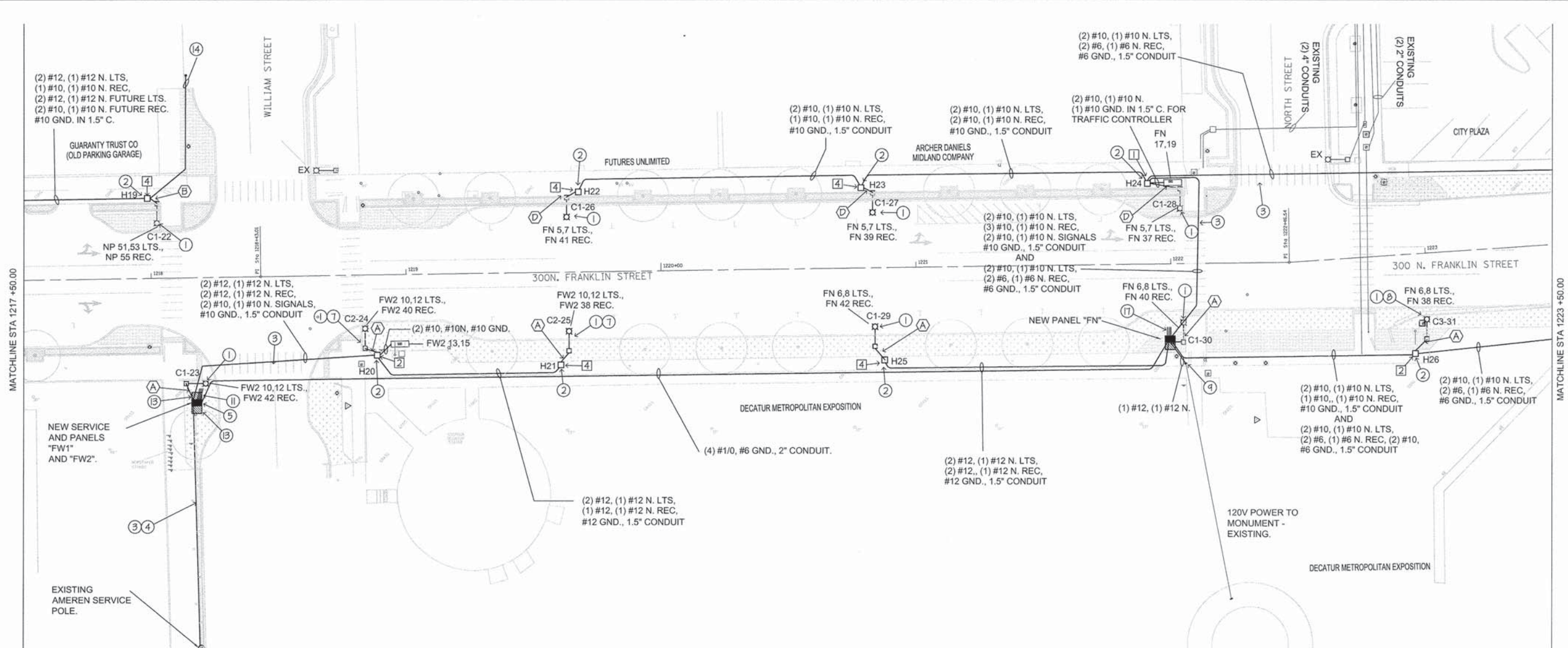


NOTE:
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NOTE:
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T:\45XXX4574\FRANKLIN STREET\DRAWINGS\4574 - FRANKLIN ST E-1 TO E-4.DWG 2/28/2014 12:03 PM



MATCHLINE STA 1217 +50.00

MATCHLINE STA 1223 +50.00

GENERAL NOTES FOR E-1 THROUGH E-4

1. COORDINATE EXACT LOCATIONS FOR ALL STREET LIGHTS AND HANDHOLES WITH THE CITY AND GENERAL CONTRACTOR.
2. PROVIDE #10 WIRE UP ALL POLES TO FIXTURES AND RECEPTACLE. WIRING INSIDE THE POLE IS INCLUDED WITH THE PAY ITEM FOR THE LIGHT POLE AND FIXTURE.
3. LIGHT FIXTURES AND THE TOP RECEPTACLES (INCLUDING THE GLOW RINGS AND THE RECEPTACLE ON THE GLOW RINGS) ARE WIRED TO THE CIRCUIT MARKED "LTS", AND ARE CONTROLLED BY THE PHOTOCELL AND LIGHTING CONTACTOR.
4. RECEPTACLES AT THE POLE BASE ARE WIRED TO THE CIRCUIT MARKED "REC". THESE CIRCUITS ARE ALWAYS ON.
5. GROUP MULTI-WIRE BRANCH CIRCUIT WIRING TOGETHER WITH WIRE TIES AT PANELBOARDS AND HANDHOLES.

KEYED NOTES FOR E-1 THROUGH E-4

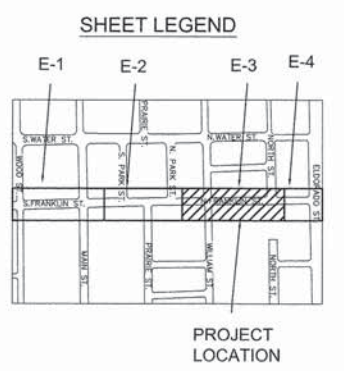
- ① → "DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL", AND "LIGHT POLE FOUNDATION, 30" DIAMETER." POLE, LIGHT FIXTURE, FOUNDATION, CONDUIT, WIRE, ETC. PROVIDED AND INSTALLED BY CONTRACTOR. REFER TO FOUNDATION DETAIL ON DRAWING E-9, DETAIL E.
- ② → "HANDHOLE, SPECIAL". STREET LIGHT HAND HOLE/ PULL BOX. REFER TO DRAWING E-9, DETAILS A & C.
- ③ → BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALK TO REMAIN.
- ④ → NEW 600A SERVICE BY CONTRACTOR. RUN (2) SETS OF (4) 350 KCM, 4" CONDUIT) FROM POLE TO CONTROL PANEL. PROVIDE POLE RISER PER AMEREN SPECIFICATIONS.

KEYED NOTES FOR E-1 THROUGH E-4

- ⑤ → NEW ELECTRIC SERVICE PANEL "FW1" AND "FW2". REFER "LIGHTING CONTROLLER, SPECIAL" AND REFER TO DRAWINGS E-10 THROUGH E-12.
- ⑥ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑦ → AIM FLOODLIGHT AT STATUE.
- ⑧ → AIM FLOODLIGHT AT CIVIC CENTER SIGN.
- ⑨ → RECONNECT POWER TO EXISTING RUN TO WWII MONUMENT.
- ⑩ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑪ → PROVIDE QUANTITY (3) 2" SPARE CONDUITS STUBBED OUT TO TURF AREA. CAP AND MARK.
- ⑫ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑬ → PROVIDE A 54" WIDE BY 3" DEEP SECTION OF SIDEWALK, 5" IN FRONT OF THE ELECTRIC ENCLOSURE. (BOTH SIDES FOR PANEL FW1/FW2.)
- ⑭ → 1.5" CONDUIT STUBBED OUT PAST NEW CONSTRUCTION, CAPPED, AND MARKED. FOR FUTURE LIGHTS ON WILLIAM STREET.
- ⑮ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑯ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑰ → NEW ELECTRIC PANEL "FN". REFER "CONTROLLER (SPECIAL)" AND REFER TO DRAWINGS E-10 THROUGH E-12.

WIRE AND CONDUIT SCHEDULE				
KEYNOTE	LIGHTS	RECEPTACLES	GND.	CONDUIT
A	(2) #12, (1) #12 N.	(1) #12, (1) #12 N.	#12	1.5"
B	(2) #12, (1) #12 N.	(1) #10, (1) #10 N.	#10	1.5"
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D	(2) #10, (1) #10 N.	(1) #10, (1) #10 N.	#10	1.5"
E	(2) #10, (1) #10 N.	(1) #8, (1) #8 N.	#8	1.5"
F	(2) #10, (1) #10 N.	(1) #6, (1) #6 N.	#6	1.5"

HAND HOLE SCHEDULE	
KEYNOTE	HAND HOLE SIZE
I	24" X 24" X 32"D
II	13" X 24" X 32"D
III	NOT USED
IV	11" X 18" X 32"D



NOTE:
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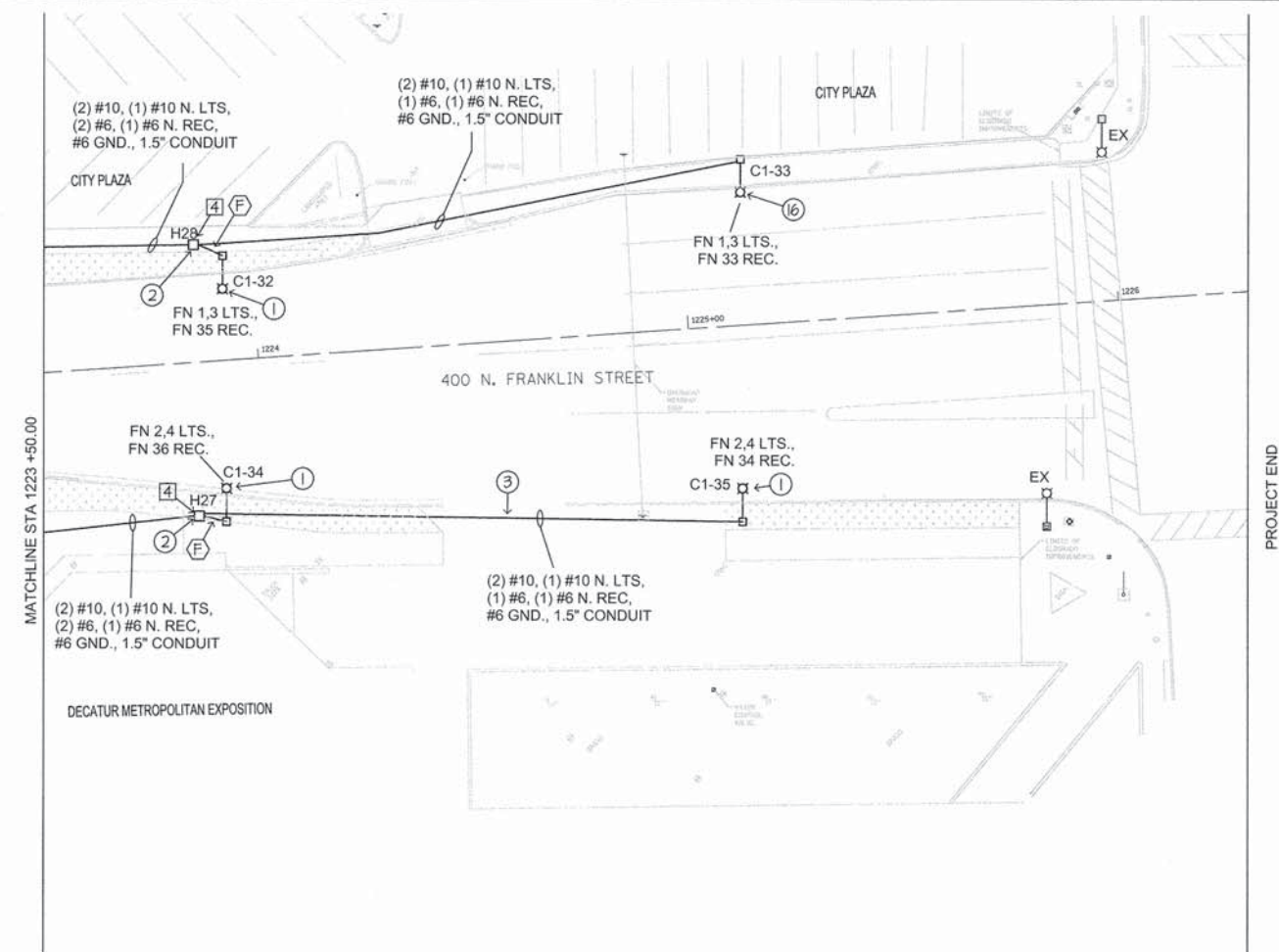


DECATUR 617) 422-8544
CHICAGO 773) 714-0050
ROCKFORD 815) 489-0050
184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL LIGHTING PLAN
STA. 1217+50.00 TO
STA. 1223+50.00

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GENERAL NOTES FOR E-1 THROUGH E-4

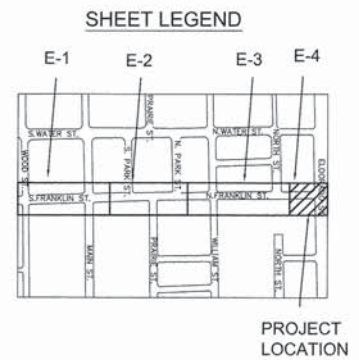
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3. LIGHT FIXTURES AND THE TOP RECEPTACLES (INCLUDING THE GLOW RINGS AND THE RECEPTACLE ON THE GLOW RINGS) ARE WIRED TO THE CIRCUIT MARKED "LTS", AND ARE CONTROLLED BY THE PHOTOCCELL AND LIGHTING CONTACTOR.
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KEYED NOTES FOR E-1 THROUGH E-4

- ① → "DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL", AND "LIGHT POLE FOUNDATION, 30\"/>

WIRE AND CONDUIT SCHEDULE				
KEYNOTE	LIGHTS	RECEPTACLES	GND.	CONDUIT
A	(2) #12, (1) #12 N.	(1) #12, (1) #12 N.	#12	1.5"
B	(2) #12, (1) #12 N.	(1) #10, (1) #10 N.	#10	1.5"
C	(2) #12, (1) #12 N.	(1) #8, (1) #8 N.	#8	1.5"
D	(2) #10, (1) #10 N.	(1) #10, (1) #10 N.	#10	1.5"
E	(2) #10, (1) #10 N.	(1) #8, (1) #8 N.	#8	1.5"
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HAND HOLE SCHEDULE	
KEYNOTE	HAND HOLE SIZE
1	24" X 24" X 32"D
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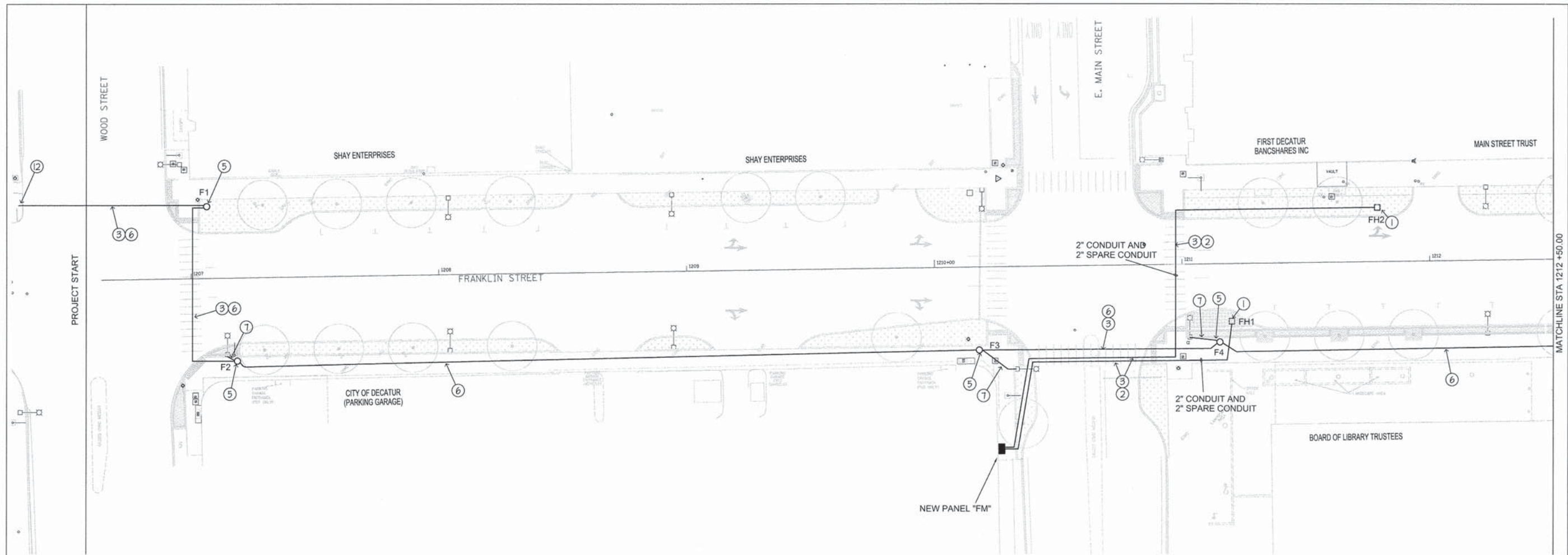
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ARCHITECTS + ENGINEERS

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS
DECATUR CHICAGO ROCKFORD
(317) 422-8544 (773) 714-0050 (615) 489-0050
184-001897

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL LIGHTING PLAN
STA. 1223+50.00 TO
STA. 1226+50.00
E-4
73 of 103 sheets



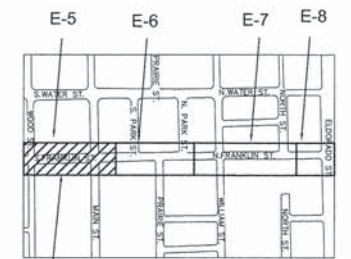
GENERAL NOTES FOR E-5 THROUGH E-10

- COORDINATE ALL POLE AND HANDHOLE LOCATIONS WITH CITY AND GENERAL CONTRACTOR.
- PROVIDE 3/8" NYLON PULL ROPE IN EACH EMPTY CONDUIT AND EACH INNERDUCT.

KEYED NOTES FOR E-5 THROUGH E-10

- "HANDHOLE, SPECIAL". PROVIDE 24" X 24" X 32" DEEP FESTIVAL POWER HAND HOLE. REFER TO DRAWING E-9, DETAIL B & C.
- FESTIVAL POWER CONDUIT. SIZE AS NOTED.
- BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALKS TO REMAIN.
- NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- "HANDHOLE, PORTLAND CEMENT CONCRETE, SPECIAL". REFER TO SHEET E-9, DETAIL D. COVER TO BE ENGRAVED WITH "FIBER OPTIC".
- 4" COMMUNICATIONS CONDUIT WITH (3) 1-1/4" CORRUGATED HDPE INNERDUCTS INSTALLED IN CONDUIT PER "FIBER OPTIC INNERDUCT 1-1/4" DIA."
- 1" CONDUIT FROM COMM. HANDHOLE INTO POLE FOUNDATION. STUB CONDUIT OUT TOP OF POLE FOUNDATION.
- NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- CAP CONDUIT AND MARK WITH A METAL LOCATOR PIN.

SHEET LEGEND



PROJECT LOCATION

NOTE:
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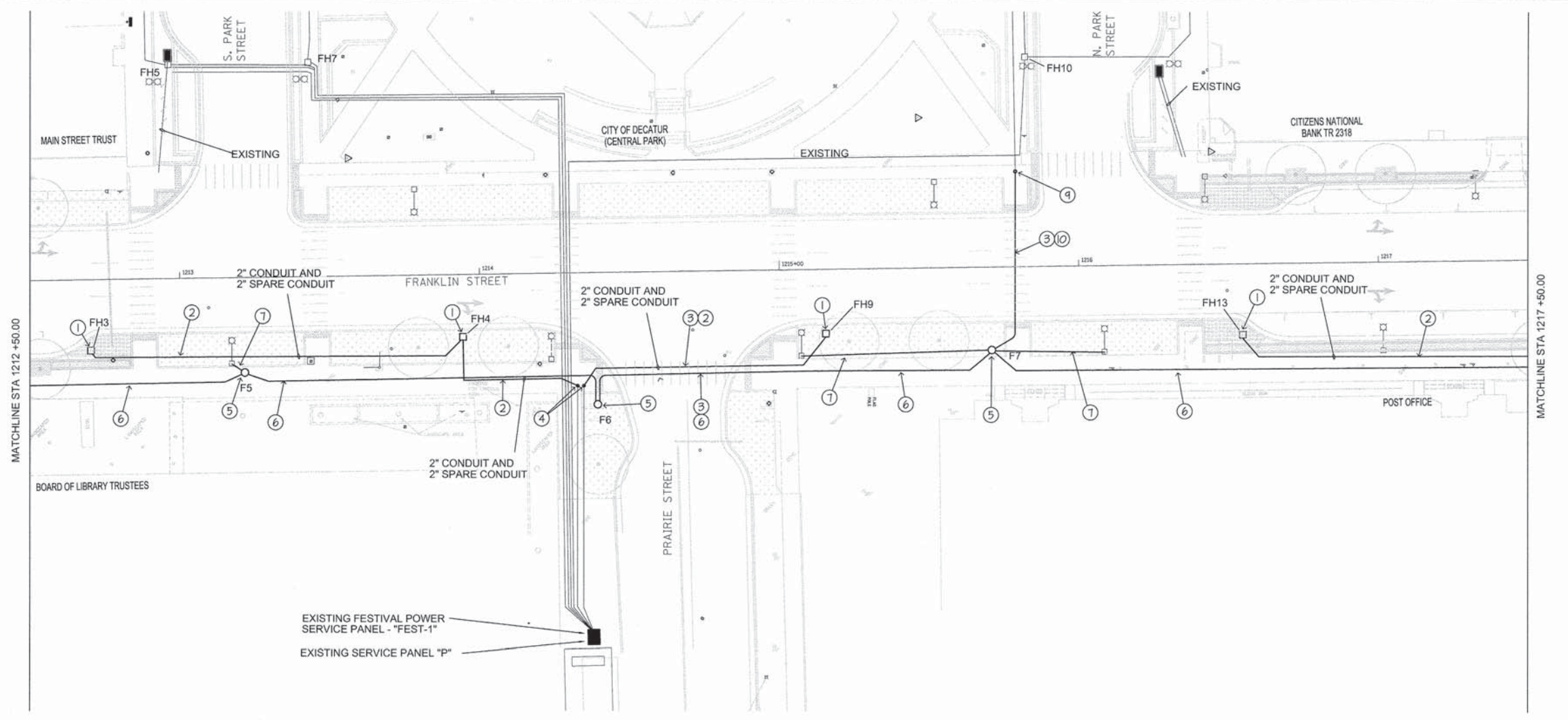
CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

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184-001397

FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

COMMUNICATION CONDUITS AND
FESTIVAL POWER
STA. 1206+63.77 TO 1212+50.00

E-5



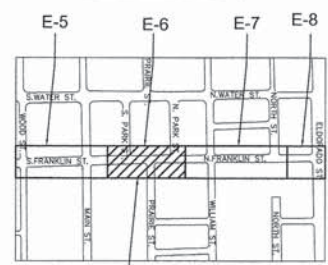
GENERAL NOTES FOR E-5 THROUGH E-10

1. COORDINATE ALL POLE AND HANDHOLE LOCATIONS WITH CITY AND GENERAL CONTRACTOR.
2. PROVIDE 3/8" NYLON PULL ROPE IN EACH EMPTY CONDUIT AND EACH INNERDUCT.

KEYED NOTES FOR E-5 THROUGH E-10

- ① → "HANDHOLE, SPECIAL". PROVIDE 24" X 24" X 32" DEEP FESTIVAL POWER HAND HOLE. REFER TO DRAWING E-9, DETAIL B & C.
- ② → FESTIVAL POWER CONDUIT. SIZE AS NOTED.
- ③ → BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALKS TO REMAIN.
- ④ → CONNECT NEW CONDUIT TO EXISTING FESTIVAL POWER CONDUIT. EXISTING CONDUIT MARKED WITH A METAL LOCATOR PIN.
- ⑤ → "HANDHOLE, PORTLAND CEMENT CONCRETE, SPECIAL". REFER TO SHEET E-9, DETAIL D. COVER TO BE ENGRAVED WITH "FIBER OPTIC".
- ⑥ → 4" COMMUNICATIONS CONDUIT WITH (3) 1-1/4" CORRUGATED HDPE INNERDUCTS INSTALLED IN CONDUIT PER "FIBER OPTIC INNERDUCT 1-1/4" DIA."
- ⑦ → 1" CONDUIT FROM COMM. HANDHOLE INTO POLE FOUNDATION. STUB CONDUIT OUT TOP OF POLE FOUNDATION.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → CONNECT NEW CONDUIT TO EXISTING COMM. CONDUIT OR COMM. HANDHOLE. EXISTING CONDUIT MARKED WITH A METAL LOCATOR PIN.
- ⑩ → 4" COMMUNICATIONS CONDUIT - WITHOUT INNERDUCT.
- ⑪ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑫ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

SHEET LEGEND



PROJECT LOCATION

NOTE:
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AEX PROJECT # 4574

ARCHITECTURAL EXPRESSIONS LLP
ARCHITECTS-ENGINEERS

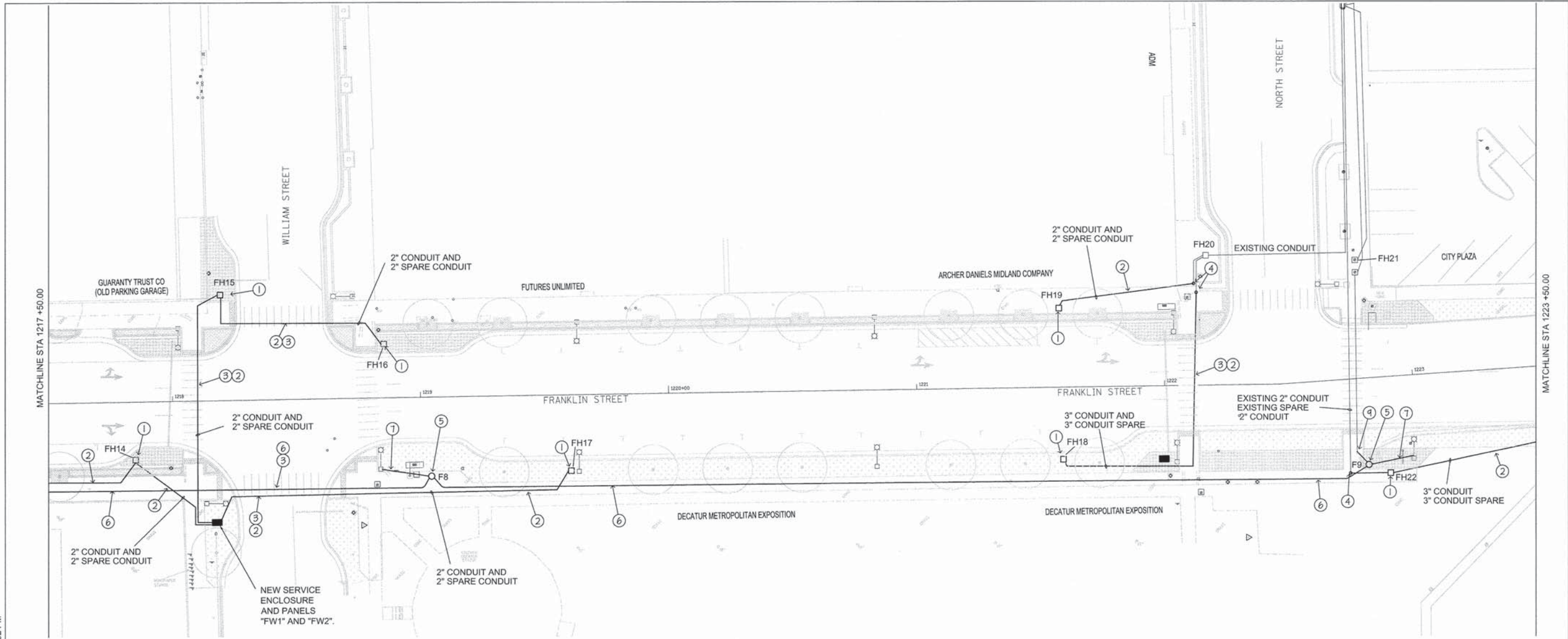
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

COMMUNICATION CONDUITS AND FESTIVAL POWER
STA. 1212+50.00 TO 1217+50.00

E-6
75 of 103 sheets



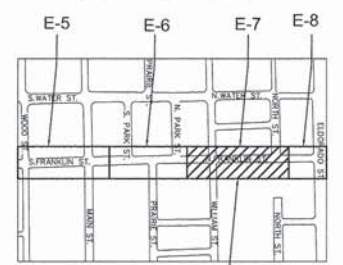
GENERAL NOTES FOR E-5 THROUGH E-10

1. COORDINATE ALL POLE AND HANDHOLE LOCATIONS WITH CITY AND GENERAL CONTRACTOR.
2. PROVIDE 3/8" NYLON PULL ROPE IN EACH EMPTY CONDUIT AND EACH INNERDUCT.

KEYED NOTES FOR E-5 THROUGH E-10

- ① → "HANDHOLE, SPECIAL". PROVIDE 24" X 24" X 32" DEEP FESTIVAL POWER HAND HOLE. REFER TO DRAWING E-9, DETAIL B & C.
- ② → FESTIVAL POWER CONDUIT. SIZE AS NOTED.
- ③ → BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALKS TO REMAIN.
- ④ → CONNECT NEW CONDUIT TO EXISTING FESTIVAL POWER CONDUIT. EXISTING CONDUIT MARKED WITH A METAL LOCATOR PIN.
- ⑤ → "HANDHOLE, PORTLAND CEMENT CONCRETE, SPECIAL". REFER TO SHEET E-9, DETAIL D. COVER TO BE ENGRAVED WITH "FIBER OPTIC".
- ⑥ → 4" COMMUNICATIONS CONDUIT WITH (3) 1-1/4" CORRUGATED HDPE INNERDUCTS INSTALLED IN CONDUIT PER "FIBER OPTIC INNERDUCT 1-1/4" DIA.".
- ⑦ → 1" CONDUIT FROM COMM. HANDHOLE INTO POLE FOUNDATION. STUB CONDUIT OUT TOP OF POLE FOUNDATION.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → CONNECT NEW CONDUIT TO EXISTING COMMUNICATIONS CONDUIT. EXISTING CONDUIT END IS MARKED WITH A METAL LOCATOR PIN.
- ⑩ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑪ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑫ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

SHEET LEGEND



PROJECT LOCATION

NOTE:
CONTRACTOR TO CONTACT J.U.L.I.E.
(1-800-592-0123) BEFORE DIGGING TO
LOCATE UNDERGROUND UTILITIES.

NOTE:
ALL UTILITY LOCATIONS ARE PER UTILITY
AND CITY OF DECATUR RECORD
DRAWINGS. SPECIFIC LOCATIONS WERE
NOT EXCAVATED FOR FIELD VERIFICATION.



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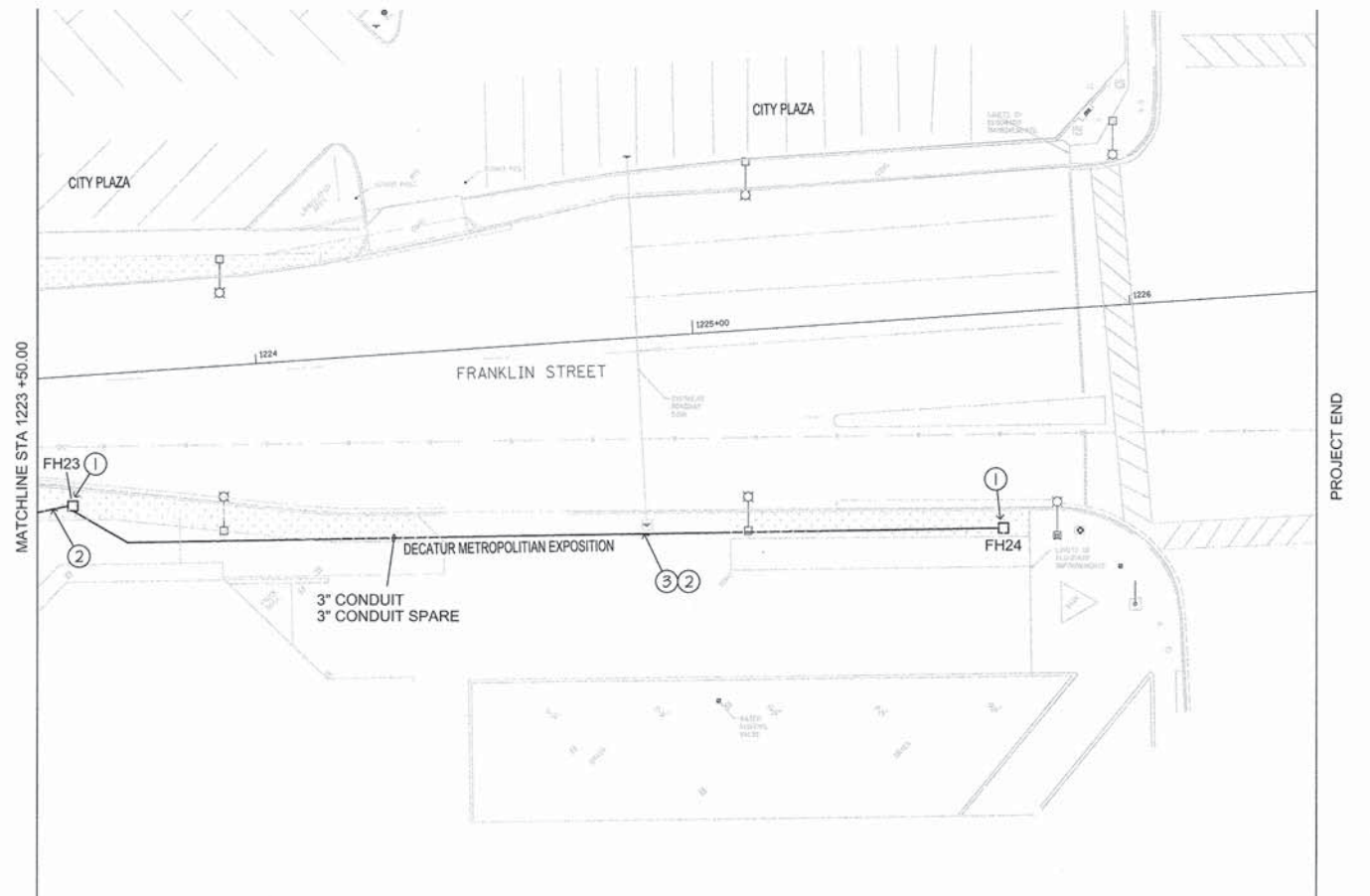
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

COMMUNICATION CONDUITS AND FESTIVAL POWER
STA. 1217+50.00 TO 1223+50.00
E-7
76 of 103 sheets

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GENERAL NOTES FOR E-5 THROUGH E-10

1. COORDINATE ALL POLE AND HANDHOLE LOCATIONS WITH CITY AND GENERAL CONTRACTOR.
2. PROVIDE 3/8" NYLON PULL ROPE IN EACH EMPTY CONDUIT AND EACH INNERDUCT.

KEYED NOTES FOR E-5 THROUGH E-10

- ① → "HANDHOLE, SPECIAL". PROVIDE 24" X 24" X 32" DEEP FESTIVAL POWER HAND HOLE. REFER TO DRAWING E-9, DETAIL B & C.
- ② → FESTIVAL POWER CONDUIT. SIZE AS NOTED.
- ③ → BORE CONDUIT UNDER ROAD OR IN AREAS WITH SIDEWALKS TO REMAIN.
- ④ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑤ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑥ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑦ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑧ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑨ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑩ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑪ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.
- ⑫ → NOT USED ON THIS CONSTRUCTION DRAWING SHEET.

SHEET LEGEND



PROJECT LOCATION

NOTE:
CONTRACTOR TO CONTACT J.U.L.I.E.
(1-800-892-0123) BEFORE DIGGING TO
LOCATE UNDERGROUND UTILITIES.

NOTE:
ALL UTILITY LOCATIONS ARE PER UTILITY
AND CITY OF DECATUR RECORD
DRAWINGS. SPECIFIC LOCATIONS WERE
NOT EXCAVATED FOR FIELD VERIFICATION.



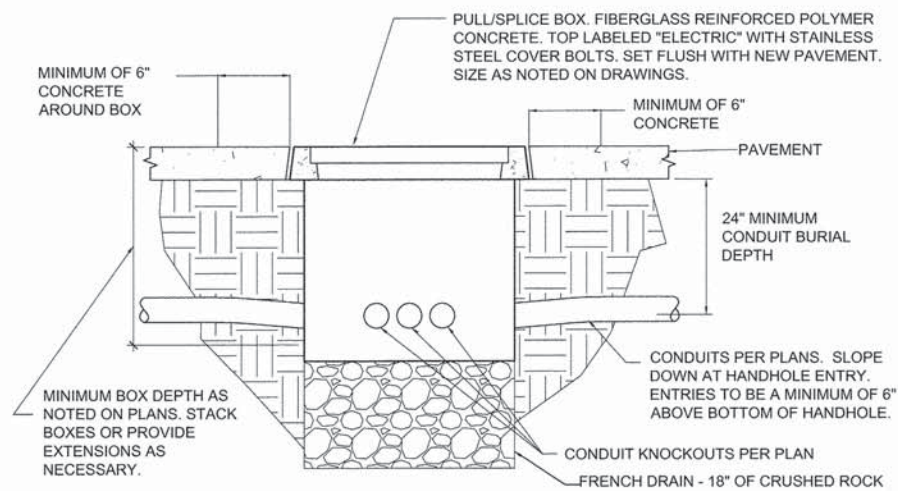
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184-001397

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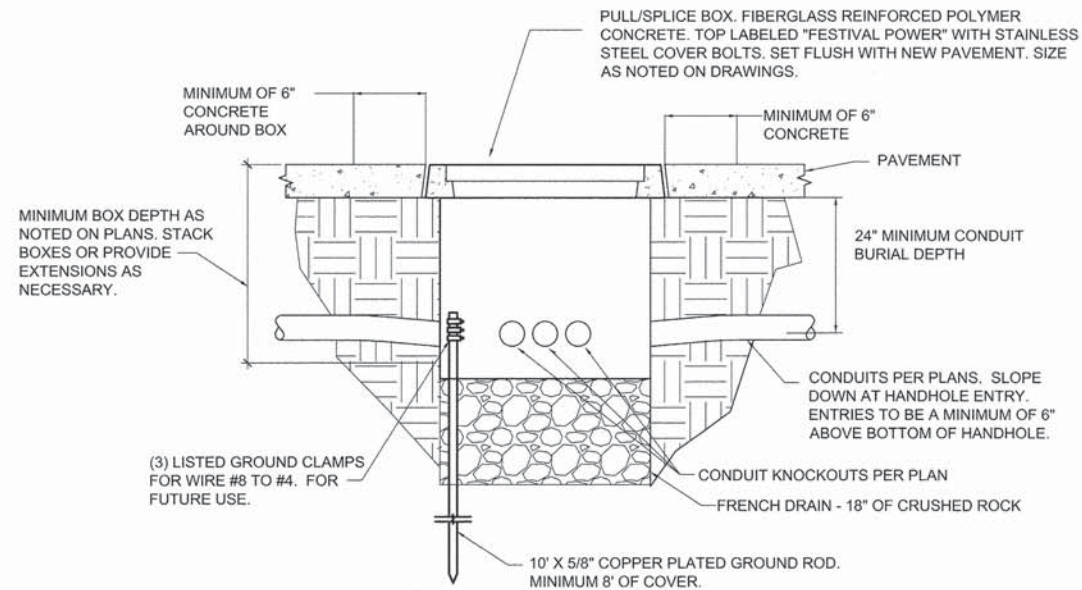
COMMUNICATION CONDUITS AND FESTIVAL POWER
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E-8
77 of 103 sheets



HANDHOLE SPECIFICATIONS:

- UNLESS OTHERWISE NOTED, HANDHOLES SHALL BE PRECAST, POLYMER CONCRETE WITH STRAIGHT SIDES, AN OPEN BOTTOM, A GASKETED TOP, AND A MINIMUM TEST/DESIGN LOAD OF 8000/12000 LBS. HANDHOLES SHALL BE QUAZITE TYPE PG OR PC, OR ARMOURCAST TYPE "PC" OR CARSON H SERIES HEAVY DUTY.

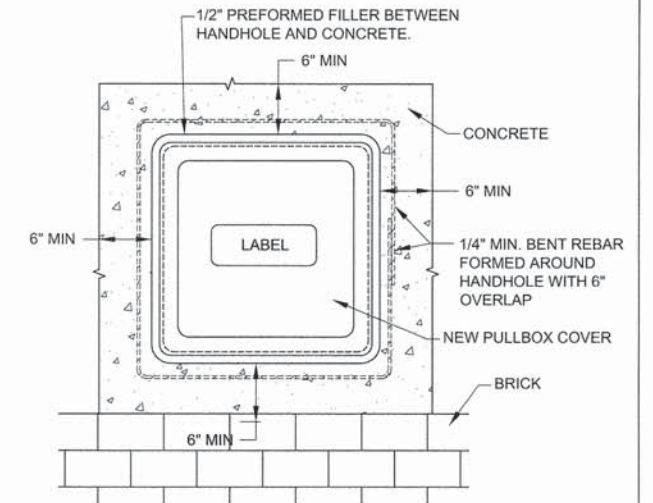
A - ELECTRIC HAND-HOLE DETAIL



HANDHOLE SPECIFICATIONS:

- UNLESS OTHERWISE NOTED, HANDHOLES SHALL BE PRECAST, POLYMER CONCRETE WITH STRAIGHT SIDES, AN OPEN BOTTOM, A GASKETED TOP, AND A MINIMUM TEST/DESIGN LOAD OF 8000/12000 LBS. HANDHOLES SHALL BE QUAZITE TYPE PG OR PC, OR ARMOURCAST TYPE "PC" OR CARSON H SERIES HEAVY DUTY.

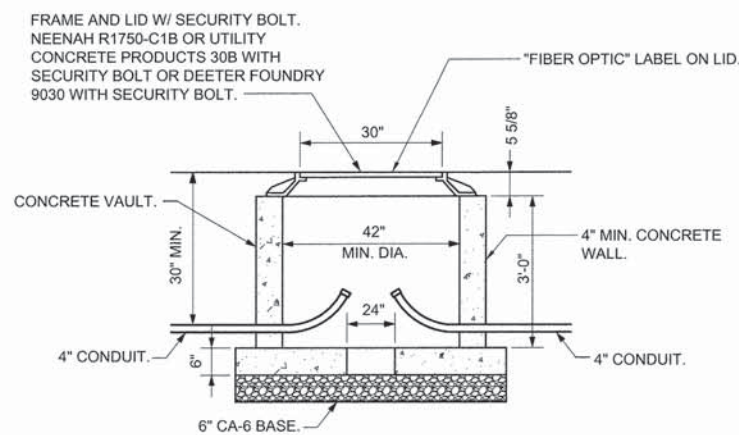
B - FESTIVAL POWER HANDHOLE DETAIL



GENERAL NOTES

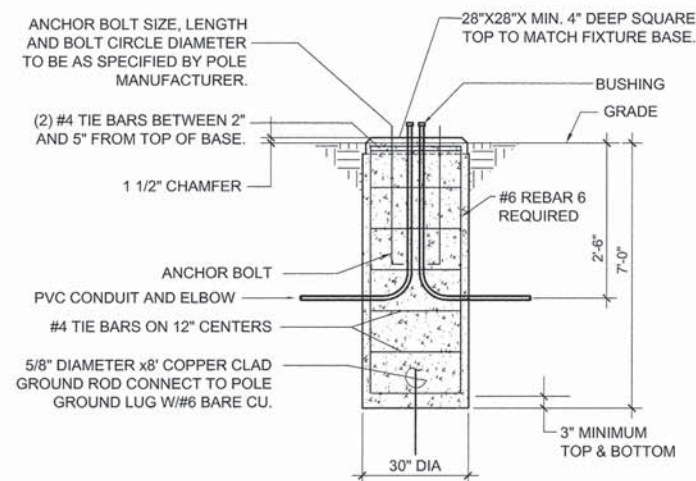
- DETAIL APPLIES TO ALL ELECTRICAL AND FESTIVAL POWER HANDHOLES.
- WHERE HANDHOLES ARE IN CONCRETE, PROVIDE A MINIMUM OF 6" OF CONCRETE AROUND THE HANDHOLE.
- PROVIDE REBAR IN CONCRETE AT CORNERS OF HANDHOLES AS SHOWN.

C - ELECTRICAL AND FESTIVAL POWER HANDHOLE OVERHEAD DETAIL



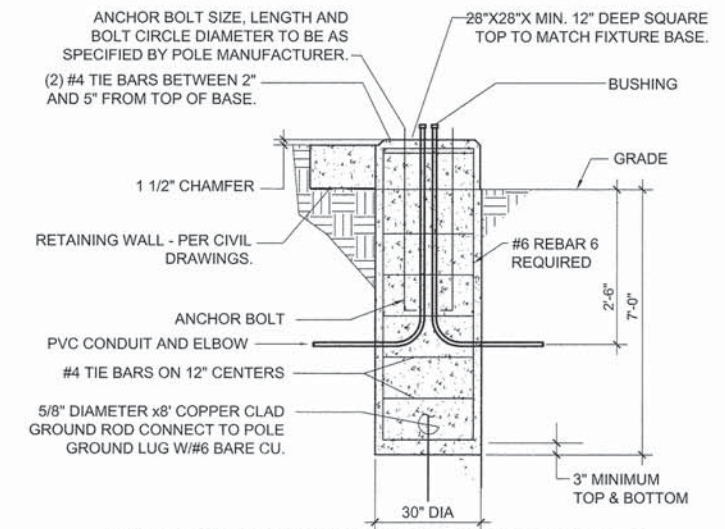
NOTES: CONTRACTOR MAY USE A PRECAST MANHOLE OR A CAST IN PLACE MANHOLE. NO COMPOSITE OR POLYMER CONCRETE ALLOWED.

D - HANDHOLE PORTLAND CEMENT CONCRETE, SPECIAL



NOTE: COORDINATE POLE BASES WITH LIGHT FIXTURE REQUIREMENTS.

E - STREET LIGHT FOUNDATION - 7 FT



NOTE: COORDINATE POLE BASES WITH LIGHT FIXTURE REQUIREMENTS.

F - LIGHT POLE FOUNDATION, SPECIAL

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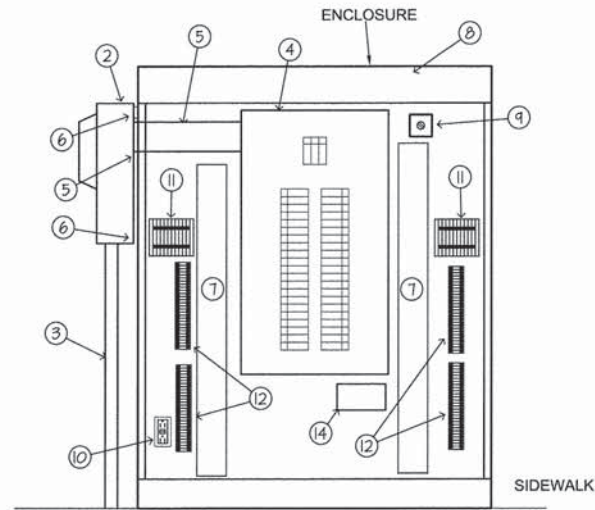
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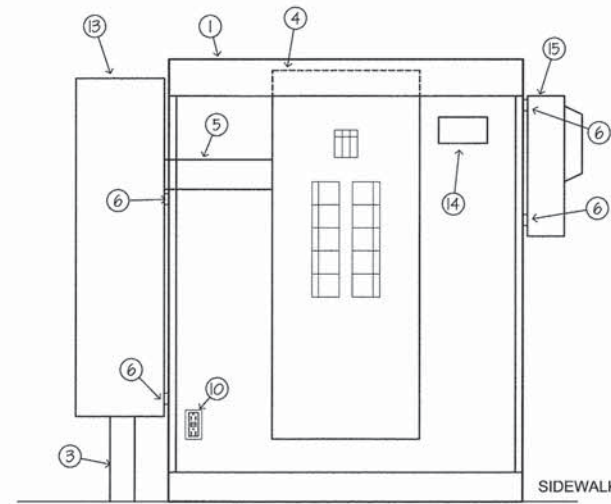
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Decatur, Illinois

ELECTRICAL HANDHOLE
DETAILS AND POLE
FOUNDATION DETAILS

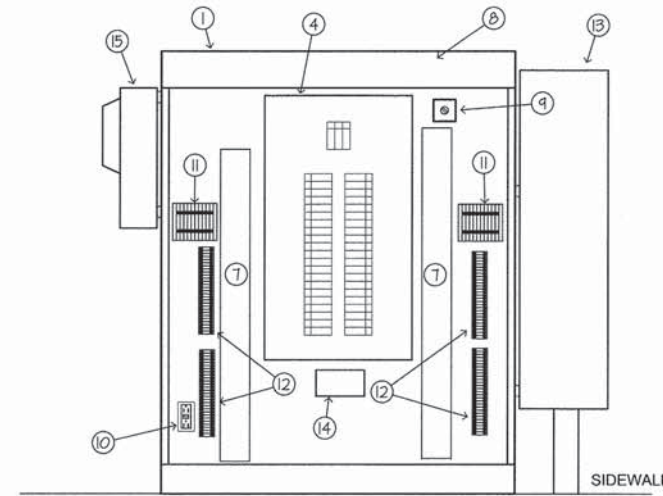


NOTE: FOR PANEL "FM", THE CITY WILL PROVIDE THE ENCLOSURE, PANELBOARD, AND METER SOCKET, ETC. CONTRACTOR TO MODIFY ENCLOSURE AS NECESSARY, INCLUDING PROVIDING NEW BREAKERS. PROVIDE NEW LIGHTING CONTACTORS.

A - ELECTRICAL PANEL "FM" ELEVATION



B - ELECTRICAL PANEL "FW1" AND "FW2" FRONT ELEVATION

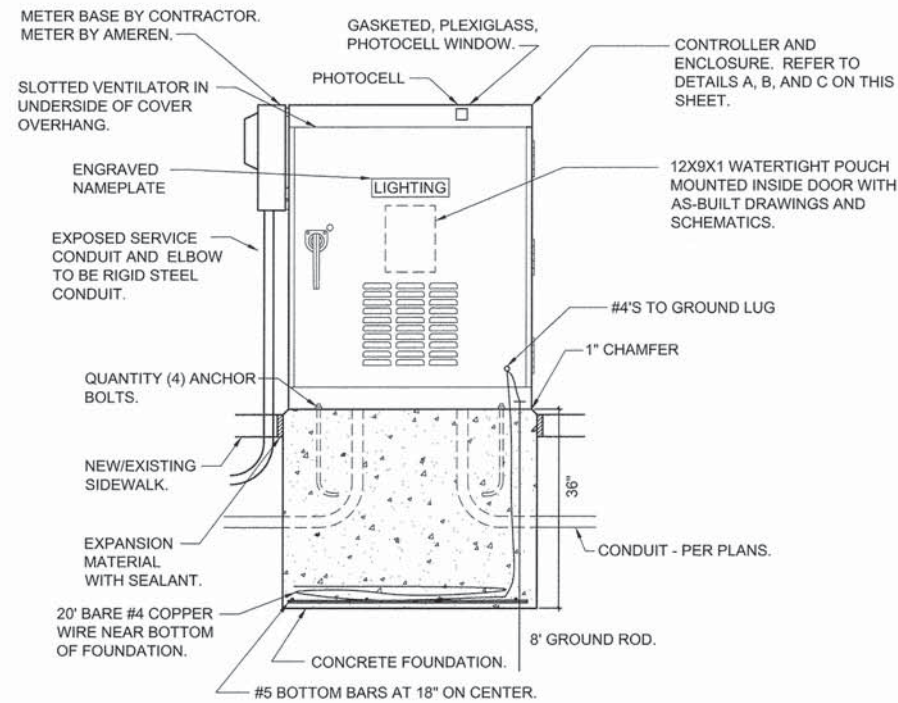


NOTE: PANEL "FN" IS SIMILAR WITHOUT A CT METER OR METER BASE. OMIT SURGE SUPPRESSOR FOR PANEL FW2.

C - ELECTRICAL PANEL "FW1" AND "FW2" BACK ELEVATION

KEYED NOTES - DETAILS A, B, AND C

- ① → TRAFFIC CONTROL TYPE ENCLOSURE. ALUMINUM, NEMA 3R FREE STANDING TYPE ENCLOSURE, WITH LOCKABLE HINGED DOORS, AND WITH BACK PLATE FOR COMPONENT MOUNTING. ENCLOSURE SHOWN WITHOUT FRONT DOOR FOR CLARITY. ENCLOSURE FOR PANEL "FW1/FW2" SHALL BE 72" H X 54" W X 25" DEEP, WITH FRONT AND BACK DOORS, AND WITH 2 BACKPLATES. ENCLOSURE FOR PANEL "FN" SHALL BE CUSTOM SIZE 36" H X 36" WIDE BY 15" DEEP.
- ② → 208V, 3 PHASE, 200A METER ENCLOSURE PER AMEREN IP STANDARDS.
- ③ → 4" RIGID METAL SERVICE CONDUIT. SEE PLANS FOR WIRE SIZES.
- ④ → PANELBOARD. SEE PANEL SCHEDULE.
- ⑤ → CONDUIT NIPPLE FROM METER TO PANELBOARD FOR SERVICE CONDUCTORS.
- ⑥ → SPACE METER ENCLOSURE AND CT CABINET AWAY FROM CABINET WITH 1/2" UNISTRUT.
- ⑦ → 4" X 4" PLASTIC WIRING MANAGER WITH PASS THROUGH OPENINGS AND FLEXIBLE FINGERS AND PLASTIC SNAP ON COVER.
- ⑧ → PHOTOCELL.
- ⑨ → HAND/OFF/AUTO SWITCH.
- ⑩ → GFCI RECEPTACLE IN NEMA 1 ENCLOSURE.
- ⑪ → LIGHTING CONTACTORS. 30AMP, 8 POLE, UL LISTED ELECTRICALLY HELD. RATED FOR 30 AMP FLUORESCENT LOADS, AND 20 AMP TUNGSTEN LIGHTING LOADS. SILVER CADMIUM OXIDE DOUBLE BREAK CONTACTS. FIELD CONVERTABLE CONTACTS WITH N.O. AND N.C. INDICATORS.
- ⑫ → TERMINAL STRIPS: SOLDERLESS BOX LUG WITH 85 AMP, 600 VOLT RATING. MOUNTS ON STANDARD DIN RAIL. RATED FOR USE WITH #16 TO #4 WIRE.
- ⑬ → 600A, 3 PHASE LOCAL UTILITY APPROVED CT CABINET.
- ⑭ → 208V, 3 PHASE, 80KA PER PHASE SURGE SUPPRESSOR. SEE DRAWING E-13.
- ⑮ → METER BASE AND ENCLOSURE BY CONTRACTOR. METER BY AMEREN.



GENERAL NOTES

- 1. DIAGRAM SHOWS PANEL "FM".
- 2. ENCLOSURE FOR "FM1" AND "FM2" IS SIMILAR BUT INCLUDES A CT CABINET.
- 3. ENCLOSURE FOR "FN" IS SIMILAR WITHOUT A METER.

D - ELECTRICAL ENCLOSURE MOUNTING DETAIL

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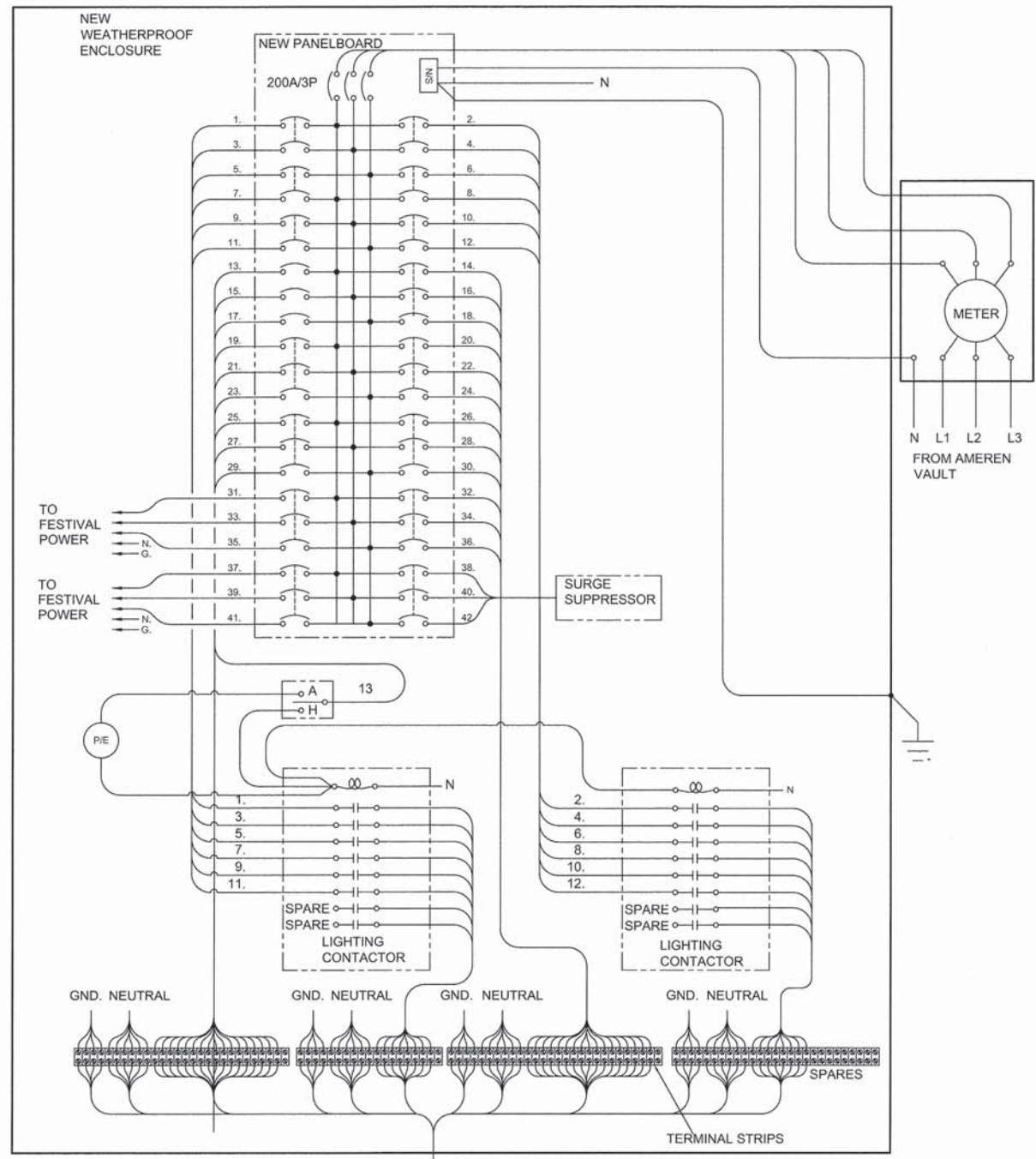
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Decatur, Illinois

ELECTRICAL PANEL ELEVATIONS AND INSTALLATION DETAILS

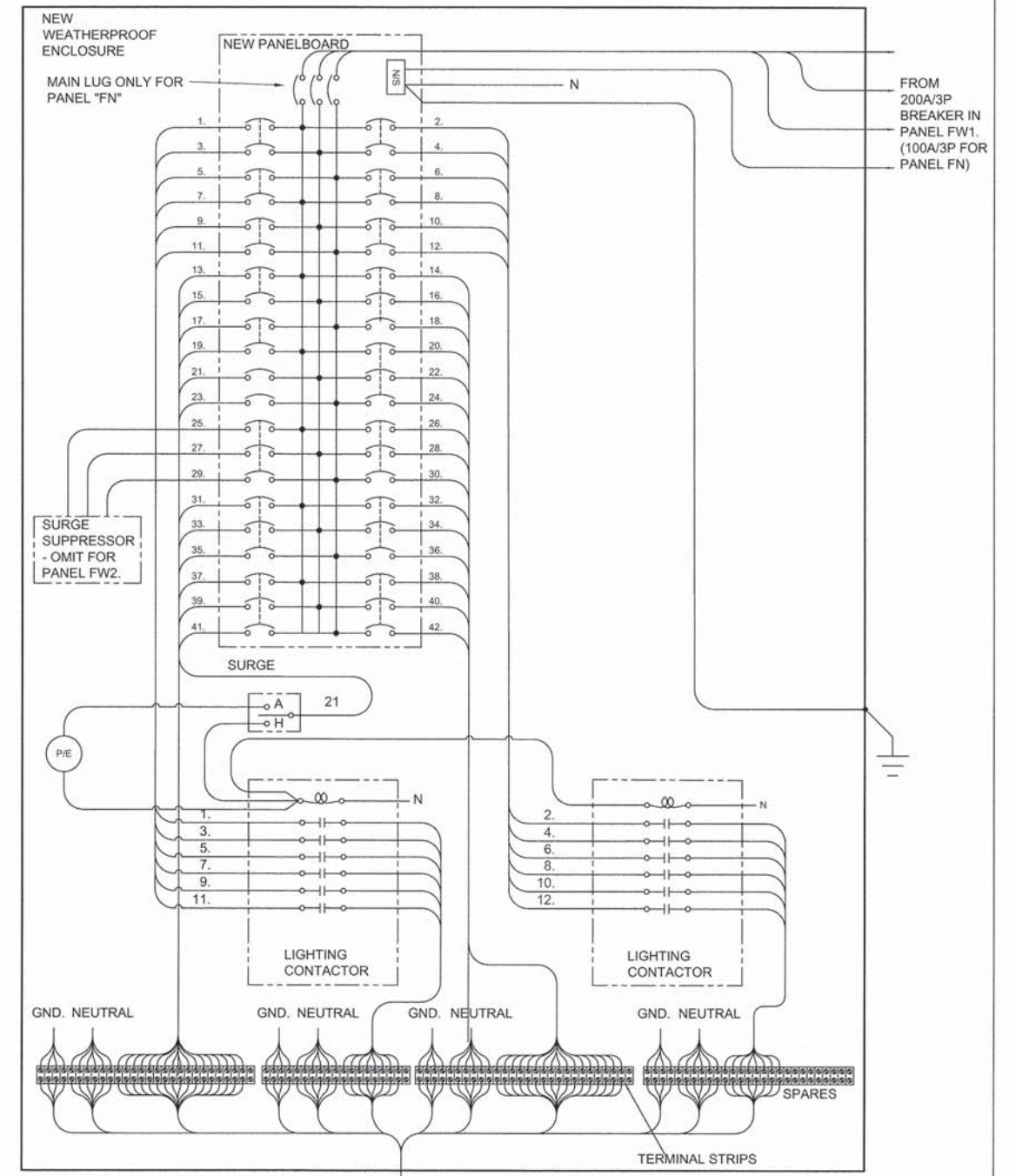
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GENERAL NOTES

1. PROVIDE GROUND AND NEUTRAL TERMINAL STRIPS AS NECESSARY.
2. FOR PANEL FM, CONTRACTOR IS TO RECEIVE AN EXISTING PANEL, ENCLOSURE, AND METER BASE FROM THE CITY, AND MODIFY AS NECESSARY TO MATCH THE ABOVE DIAGRAM. PROVIDE (2) NEW 100A/3 POLE BREAKERS, & (1) NEW (3) POLE 60A BREAKER, AND NEW LIGHTING CONTRACTORS. ALSO PROVIDE NEW SURGE SUPPRESSOR. BIDDERS MAY EXAMINE THE EXISTING PANEL BY CONTACTING THE CITY.
3. PROVIDE AND INSTALL AN 80KW PER PHASE SURGE SUPPRESSOR. SURGE SUPPRESSOR TO BE AN APC "PMF2X-A", SQUARE D "TVS2HWA80X", OR CUTLER HAMMER "SPV080". MOUNT SURGE SUPPRESSOR WITH LEADS AS SHORT AS POSSIBLE.

B - WIRING DETAIL FOR NEW PANEL "FM"



GENERAL NOTES

1. SEE PANEL SCHEDULE FOR PANEL "FW1" WIRING.
2. PROVIDE GROUND AND NEUTRAL TERMINAL STRIPS AS NECESSARY.
3. THIS IS A NEW PANEL COMPLETELY PROVIDED AND INSTALLED BY THE CONTRACTOR.
4. PROVIDE AND INSTALL AN 80KW PER PHASE SURGE SUPPRESSOR. SURGE SUPPRESSOR TO BE AN APC "PMF2X-A", SQUARE D "TVS2HWA80X", OR CUTLER HAMMER "SPV080". MOUNT SURGE SUPPRESSOR WITH LEADS AS SHORT AS POSSIBLE.

B - WIRING DETAILS FOR NEW PANEL "FW2" AND NEW PANEL "FN"

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	DATE - 02/28/14	REVISED - ---

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EXISTING PANEL "SP3" ON EAST END OF S. PARK ST

SERVICE: 208V, 3PH, 4W SPACES: 30 MAIN: 100A MLO
 AMPACITY: 225A SURFACE ENCLOSURE COPPER BUS
 RATING: 22K AIC EQUIP GROUND BAR
 EXISTING SQUARE D CLASS 1630, NQOD PANELBOARD.

DIRECTORY	CKT BKR	CKT NO	CKT NO	CKT BKR	DIRECTORY
60A RECEPTACLE	60/2	31	32	20/1	SPARE
		33	34	20/1	SPARE
60A RECEPTACLE	60/2	35	36	20/1	SPARE
		37	38	20/1	SPARE
60A RECEPTACLE	60/2	39	40	20/1	SPARE
		41	42	20/1	SPARE
60A RECEPTACLE	60/2	43	44	20/1	SPARE
		45	46	20/1	SPARE
SPARE	20/1	47	48	20/2	LIGHTS - 100 N. FRANKLIN E. SIDE
SPARE	20/1	49	50		
SPARE	20/2	51	52	20/2	LIGHTS - 100 & 200 N. FRANKLIN W. SIDE
		53	54		
REC - 200 N. FRANKLIN W. SIDE	20/3	55	56	20/3	REC - 100 N. FRANKLIN E. SIDE
REC - 100 N. FRANKLIN W. SIDE		57	58		REC - 100 N. FRANKLIN E. SIDE
REC - 100 N. FRANKLIN W. SIDE		59	60		SPARE

PROVIDE (2) NEW 20A/3 POLE BREAKERS AND RELOCATE OTHER BREAKERS AS SHOWN. REFER TO "MODIFY EXISTING SERVICE INSTALLATION".

A - PANEL "SP3" SCHEDULE

**"LIGHTING UNIT COMPLETE, SPECIAL"
 NEW PANEL "FM" ON FRANKLIN & MAIN**

SERVICE: 208V, 3PH, 4W SPACES: 42 MAIN: 200A MCB
 AMPACITY: 225A SURFACE ENCLOSURE COPPER BUS
 RATING: 30K AIC EQUIP GROUND BAR
 EXISTING SQUARE D CLASS 1630, NQOD PANELBOARD.

DIRECTORY	CKT BKR	CKT NO	CKT NO	CKT BKR	DIRECTORY
LTS - 100 S. FRANKLIN W. SIDE	20/2	1	2	20/2	LTS - 100 N. FRANKLIN E. SIDE
		3	4		
LTS - 100 S. FRANKLIN W. SIDE	20/2	5	6	20/2	LTS - 100 S. FRANKLIN E. SIDE
		7	8		
SPARE	20/2	9	10	20/2	SPARE
		11	12		
PHOTOCELL	20/1	13	14	20/3	SPARE
SPARE	20/1	15	16		
SPARE	20/1	17	18		
SPARE	20/3	19	20	20/3	REC - 100 N. FRANKLIN, E. SIDE
SPARE		21	22		REC - 100 N. FRANKLIN, E. SIDE
REC - 100 S. FRANKLIN, W. SIDE		23	24		REC - 100 S. FRANKLIN, E. SIDE
REC - 100 S. FRANKLIN, W. SIDE	20/3	25	26	20/3	REC - 100 S. FRANKLIN, E. SIDE
REC - 100 S. FRANKLIN, W. SIDE		27	28		REC - 100 S. FRANKLIN, E. SIDE
SPARE		29	30		REC - 100 S. FRANKLIN, E. SIDE
FESTIVAL POWER	100/3	31	32	20/3	SPARE
		33	34		
		35	36		
FESTIVAL POWER	100/3	37	38	60/3	SURGE SUPPRESSOR
		39	40		
		41	42		

NOTE: PANEL FM & ENCLOSURE ARE TO BE PROVIDED BY THE CITY, AND MODIFIED AND INSTALLED BY THE CONTRACTOR AS NECESSARY.
 MCB = MAIN CIRCUIT BREAKER PANEL.

B - PANEL "FM" SCHEDULE

**"LIGHTING CONTROLLER, SPECIAL"
 NEW PANEL "FW2" ON FRANKLIN & WILLIAM**

SERVICE: 208V, 3PH, 4W SPACES: 42 MAIN: 200A MLO
 AMPACITY: 225A SURFACE ENCLOSURE COPPER BUS
 RATING: 30K AIC EQUIP GROUND BAR
 SQUARE D CLASS 1630, NQOD PANELBOARD,
 OR SIEMENS TYPE "P1" PANEL,
 OR EATON POW-R-LINE "PRL1A" PANEL.

DIRECTORY	CKT BKR	CKT NO	CKT NO	CKT BKR	DIRECTORY
SPARE	20/2	1	2	20/2	SPARE
		3	4		
SPARE	20/2	5	6	20/2	SPARE
		7	8		
SPARE	20/2	9	10	20/2	LTS - 200 & 300 N. FRANKLIN E. SIDE
		11	12		
TRAFFIC SIGNAL CONTROLLER	30/2	13	14	20/2	SPARE
		15	16		
SPARE	20/2	17	18	20/1	SPARE
		19	20	20/3	SPARE
PHOTOCELL	20/1	21	22		
SPARE	20/1	23	24		
SPARE	20/3	25	26	20/3	SPARE
		27	28		
		29	30		
REC - SPARE	20/3	31	32	20/3	SPARE
		33	34		
		35	36		
REC - SPARE	20/3	37	38	20/3	REC - 300 N. FRANKLIN, E. SIDE
		39	40		REC - 300 N. FRANKLIN, E. SIDE
		41	42		REC - 200 N. FRANKLIN, E. SIDE

MLO = MAIN LUG PANEL.

C - PANEL "FW2" SCHEDULE

EXISTING PANEL "NP" ON N. PARK ST

SERVICE: 208V, 3PH, 4W SPACES: 30 MAIN: 100A MLO
 AMPACITY: 225A SURFACE ENCLOSURE COPPER BUS
 RATING: 22K AIC EQUIP GROUND BAR
 EXISTING SQUARE D CLASS 1630, NQOD PANELBOARD.

DIRECTORY	CKT BKR	CKT NO	CKT NO	CKT BKR	DIRECTORY
SPARE	20/1	31	32	20/1	SPARE
SPARE	20/1	33	34	20/1	SPARE
SPARE	20/1	35	36	20/1	SPARE
SPARE	20/1	37	38	20/1	SPARE
SPARE	20/1	39	40	20/1	SPARE
		41	42	20/1	SPARE
SPARE -FOR 2 FUTURE LIGHTS ON WILLIAM STREET	20/2	43	44	20/2	SPARE
		45	46		SPARE
LIGHTS - 200 N. FRANKLIN E. SIDE	20/2	47	48	20/2	SPARE
		49	50	20/3	SPARE - REC FOR FUTURE LTS. ON WILLIAM STREET
LIGHTS - 200 N. FRANKLIN W. SIDE	20/2	51	52		
		53	54		
REC - 200 N. FRANKLIN W. SIDE	20/3	55	56	20/3	REC - 200 N. FRANKLIN E. SIDE
REC - 200 N. FRANKLIN W. SIDE		57	58		REC - 200 N. FRANKLIN E. SIDE
REC - 200 N. FRANKLIN W. SIDE		59	60		REC - 200 N. FRANKLIN E. SIDE

PROVIDE (2) NEW 20A/3 POLE BREAKERS AND RELOCATE OTHER BREAKERS AS SHOWN. REFER TO "MODIFY EXISTING SERVICE INSTALLATION".

D - PANEL "NP" SCHEDULE

**"LIGHTING CONTROLLER, SPECIAL"
 NEW PANEL "FW1" ON FRANKLIN & WILLIAM**

SERVICE: 208V, 3PH, 4W SPACES: 27" MOUNTING SPACE MAIN: 600A MCB
 AMPACITY: 600A SURFACE ENCLOSURE COPPER BUS
 RATING: 42K AIC EQUIP GROUND BAR
 SQUARE D ILINE PANEL,
 OR SIEMENS TYPE "P4" PANEL,
 OR EATON POW-R-LINE "3A" PANEL.

DIRECTORY	CKT BKR	CKT NO	CKT NO	CKT BKR	DIRECTORY
SURGE SUPPRESSOR	60/3	1	2	200/3	SPARE
		3	4		
		5	6		
LIGHTING CONTROL PANEL FW2	200/3	7	8	200/3	SPARE
		9	10		
		11	12		
PANEL "FN"	100/3	13	14	200/3	SPARE
		15	16		
		17	18		

MCB = MAIN CIRCUIT BREAKER PANEL.

E - PANEL "FW1" SCHEDULE

**"CONTROLLER, SPECIAL"
 NEW PANEL "FN" ON FRANKLIN & NORTH**

SERVICE: 208V, 3PH, 4W SPACES: 27" MOUNTING SPACE MAIN: 100A MCB
 AMPACITY: 100A SURFACE ENCLOSURE COPPER BUS
 RATING: 10K AIC EQUIP GROUND BAR
 SQUARE D CLASS 1630, NQOD PANELBOARD,
 OR SIEMENS TYPE "P1" PANEL,
 OR EATON POW-R-LINE "PRL1A" PANEL.

DIRECTORY	CKT BKR	CKT NO	CKT NO	CKT BKR	DIRECTORY
LTS - 400 N. FRANKLIN W. SIDE	20/2	1	2	20/2	LTS - 400 N. FRANKLIN E. SIDE
		3	4		
LTS - 300 N. FRANKLIN W. SIDE	20/2	5	6	20/2	LTS - 300 N. FRANKLIN E. SIDE
		7	8		
TRAFFIC SIGNAL CONTROLLER	30/2	9	10	20/2	LTS - SPARE
		11	12		
SPARE	20/1	13	14	20/1	WWII MEMORIAL LIGHTS
SPARE	20/1	15	16	20/1	SPARE
SPARE	20/1	17	18	20/1	SPARE
SPARE	20/1	19	20	20/1	SPARE
PHOTOCELL CONTROL	20/1	21	22	20/1	SPARE
SPARE	20/1	23	24	20/1	SPARE
SURGE SUPPRESSOR	60/3	25	26	20/3	SPARE
		27	28		
		29	30		
REC - SPARE	20/3	31	32	20/3	SPARE
		33	34		REC - 400 N. FRANKLIN, E. SIDE
REC - 400 N. FRANKLIN, W. SIDE		35	36		REC - 400 N. FRANKLIN, E. SIDE
REC - 300 N. FRANKLIN, W. SIDE	20/3	37	38	20/3	REC - 400 N. FRANKLIN, E. SIDE
REC - 300 N. FRANKLIN, W. SIDE		39	40		REC - 300 N. FRANKLIN, E. SIDE
REC - 300 N. FRANKLIN, W. SIDE		41	42		REC - 300 N. FRANKLIN, E. SIDE

MCB = MAIN CIRCUIT BREAKER PANEL.

F - PANEL "FN" SCHEDULE

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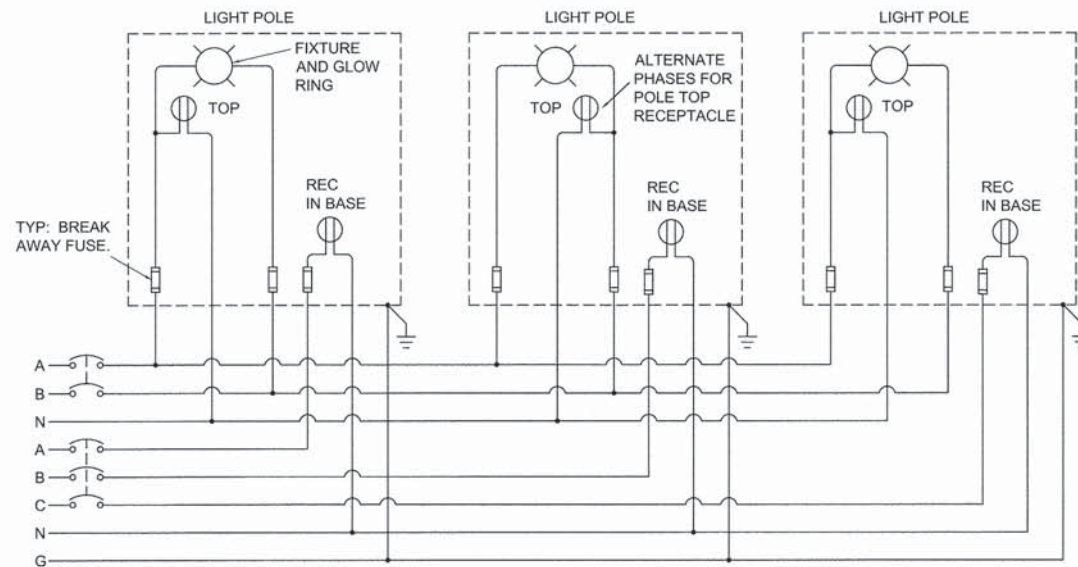
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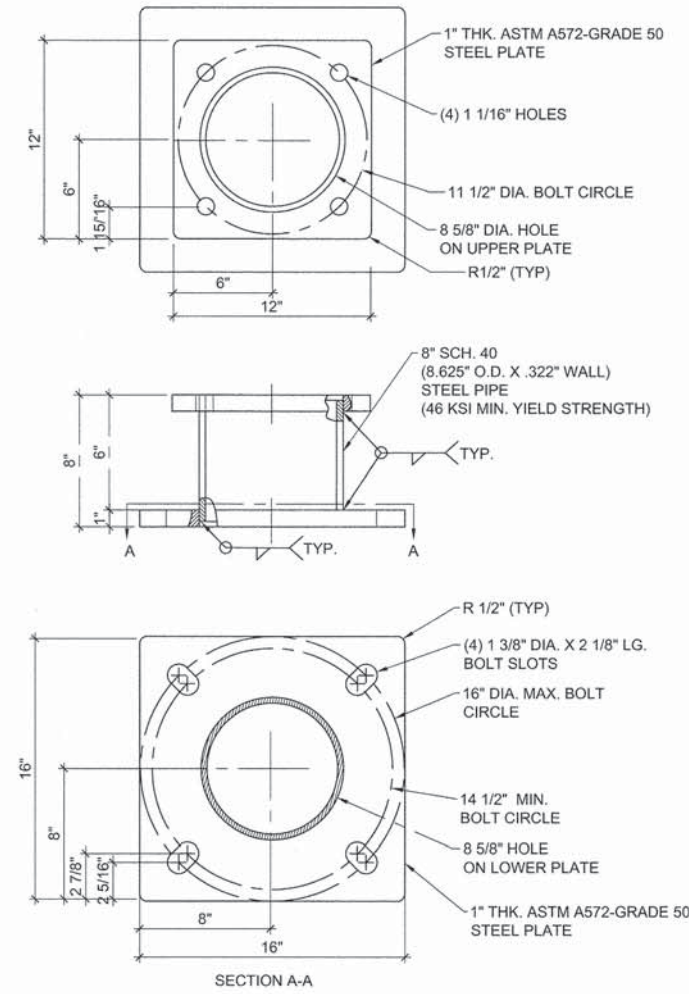
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	DRAWN - ERS	REVISED - ---
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A - LIGHTING AND RECEPTACLE WIRING DETAIL



GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO FIELD VERIFY THE EXISTING BOLT PATTERN.
2. ADAPTER PLATE SHOWN MANUFACTURED BY STERNBERG LIGHTING COMPANY AND PROVIDED BY THE CONTRACTOR.
3. PROVIDE ALL MOUNTING BOLTS AND HARDWARE WITH THE ADAPTER.
4. ENTIRE ASSEMBLY TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PRIOR TO PAINTING.

B - LUMINAIRE MOUNTING BRACKET, SPECIAL

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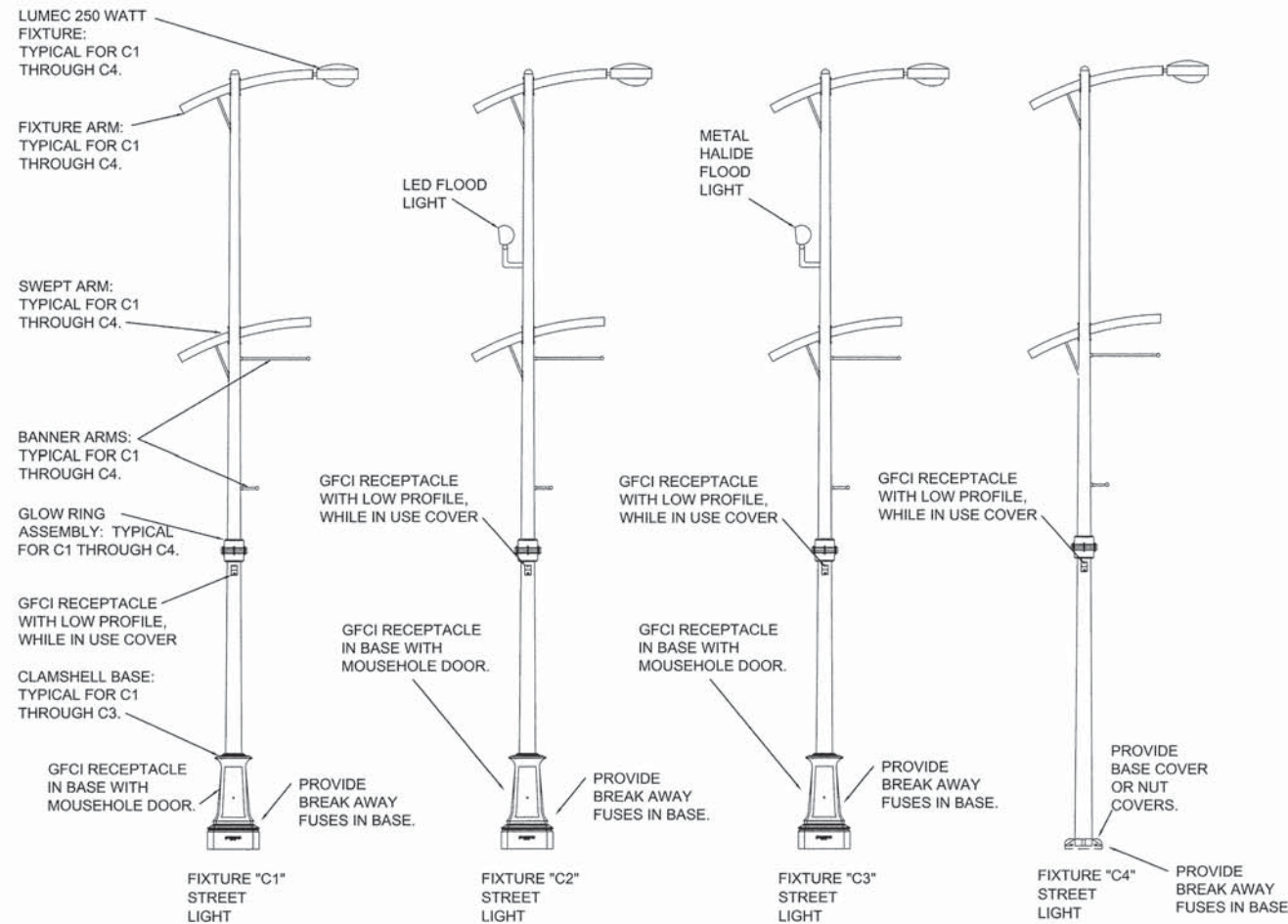
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

ELECTRICAL PANEL
SCHEDULES AND
ELECTRICAL DETAILS

FIXTURE SCHEDULE		PROVIDED BY	INSTALLED BY
TYPE	DESCRIPTION		
C1	STREET LIGHT - 30' MOUNTING HEIGHT; SINGLE 250W HPS FIXTURE	CONTRACTOR	CONTRACTOR
C2	STREET LIGHT - 30' MOUNTING HEIGHT; SINGLE 250W HPS FIXTURE WITH A 30W LED FLOOD LIGHT	CONTRACTOR	CONTRACTOR
C3	STREET LIGHT - 30' MOUNTING HEIGHT; SINGLE 250W HPS FIXTURE WITH A 400W MH FLOOD LIGHT	CONTRACTOR	CONTRACTOR
C4	STREET LIGHT - 30' MOUNTING HEIGHT, NO CLAMHELL BASE, SINGLE 250W HPS FIXTURE	CONTRACTOR	CONTRACTOR

A - LIGHTING FIXTURE SCHEDULE



B - "DECORATIVE LIGHTING SYSTEM COMPLETE, SPECIAL" ELEVATIONS

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LEGEND

- EX EXISTING ITEM TO REMAIN.
- 54 MOUNTING HEIGHT, IF NOT STANDARD.
- EQ MOUNT TO SUIT EQUIPMENT PROVIDED.
- C1-5 FIXTURE LETTER - "C1" INDICATES FIXTURE TYPE PER THE FIXTURE SCHEDULE. "-5" INDICATES THE FIXTURE ID NUMBER AS LISTED ON THE WIRE AND CONDUIT SCHEDULES.
- H7 HANDHOLE. HANDHOLE SIZE INDICATED BY SQUARE KEYNOTE. "7" INDICATES THE HANDHOLE NUMBER AS LISTED ON THE WIRE AND CONDUIT SCHEDULE.
- HOME RUN
- BREAK LINE SYMBOL - CIRCUIT CONTINUED
- CONTACT
- CIRCUIT BREAKER.
- TRANSFORMER.
- SWITCH.
- FUSE.
- GROUND CONNECTION.
- STREET LIGHT

(8) #8, (3) #8N LTS
#6 GND, 2"C.

CIR 39,41 LTS.,
CIR 31 REC.

ELECTRICAL SERVICE NOTES

- ALL CONDUIT ROUTING SHOWN IS APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT ROUTE, AND PROVIDE ANY CONDUIT FITTINGS, OFFSETS, BENDS, PULL BOXES, SUPPORTS, ETC., AS NECESSARY TO INSTALL A COMPLETE CONDUIT RUN.
- VERIFY ALL ELECTRIC SERVICE DETAILS WITH AMEREN IP BEFORE STARTING CONSTRUCTION AND COORDINATE WORK WITH AMEREN IP.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING UNDERGROUND UTILITIES. EXISTING UTILITIES MAY NOT BE SHOWN ON PLANS.
- CONTRACTOR SHALL PROVIDE FOR ALL THE TYPICAL REQUIREMENTS NECESSARY FOR A NEW ELECTRIC SERVICE.
- ALL ELECTRIC SERVICE CONDUIT RUNS SHALL BE SCHEDULE 40 PVC CONDUIT WITH LONG RADIUS BENDS FOR SWEEPS AND ELBOWS. ALSO USE RMC FOR EXPOSED SERVICE CONDUITS. BOND METAL SECTIONS PER NEC AND AMEREN IP REQUIREMENTS. CONDUIT DEPTH SHALL BE 30" TO 36".
- PROVIDE WARNING TAPE ABOVE ALL UNDERGROUND CONDUITS.

CONDUIT ROUTING NOTES:

UNLESS OTHERWISE NOTED, ALL CONDUITS SHOWN ARE TO BE INSTALLED BELOW GRADE WITH A 24" MINIMUM COVER. CONDUIT ROUTING SHOWN IS SCHEMATIC. HOWEVER, THE INTENT IS FOR THE CONTRACTOR TO FOLLOW THE GUIDELINES BELOW:

- KEEP ALL CONDUITS IN PUBLIC RIGHT OF WAYS.
- CROSS STREETS AT INTERSECTIONS, IN A PERPENDICULAR DIRECTION, WITH CONDUITS GROUPED TOGETHER.
- ROUTE CONDUITS UNDER CONCRETE PORTIONS OF SIDEWALKS CLEAR OF TREE PLANTING AREAS, AND AVOIDING THE OUTER BRICK AREAS OF SIDEWALKS. (THIS ALSO KEEPS CONDUITS CLEAR OF POSSIBLE FUTURE ROADWAY SIGN AND PARKING METER LOCATIONS.)
- RECORD ACTUAL CONDUIT ROUTING (INCLUDING DEPTH) ON RED-LINED RECORD DRAWINGS.

ELECTRICAL BASIC MATERIALS & METHODS

WORK SHALL CONFORM TO NATIONAL ELECTRIC CODE, 2011, NFPA 70 AND IDOT STANDARD SPECIFICATIONS AND THE CITY OF DECATUR STANDARDS.

BASIC MATERIALS AND METHODS:

- COORDINATE ALL WORK WITH OTHER TRADES.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR (EC) SHALL PROVIDE TEMPORARY POWER DURING CONSTRUCTION AS NEEDED.
- UNLESS OTHERWISE NOTED, ALL CONDUIT RUNS ARE BELOW GRADE.
- ALL CONDUIT ROUTING SHOWN IS APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT ROUTE, AND PROVIDE ANY CONDUIT FITTINGS, OFFSETS, BENDS, PULL BOXES, SUPPORTS, ETC. AS NECESSARY TO INSTALL A COMPLETE CONDUIT RUN.
- COORDINATE ALL SYSTEM AND POWER OUTAGES AND SHUTDOWNS WITH OWNER.
- WORK SHALL BE PHASED AS SHOWN ON DRAWINGS.
- CONTRACTOR SHALL PROVIDE ANY NECESSARY PERMITS AND OR INSPECTIONS.

WIRING METHODS:

- ALL WIRING SHALL BE TYPE XLP OR EPR WIRE IN CONDUIT OR WIREWAY, UNLESS OTHERWISE NOTED. ALL WIRING SHALL BE PER IDOT STANDARDS.
- ALL WIRING FOR SERVICES AND ALL POLE WIRING SHALL BE TYPE RATED USE-2 AS INDICATED IN IDOT SECTION 1066.
- RUN MINIMUM #12 INSULATED GROUND WITH ALL CIRCUITS.

BOXES AND RACEWAY:

- MINIMUM SIZE CONDUIT SHALL BE 3/4".
- UNLESS OTHERWISE NOTED, ALL CONDUIT SHALL BE SCHEDULE 40 PVC CONDUIT. USE THREADED, RIGID GALVANIZED STEEL CONDUIT FOR ANY EXPOSED, ABOVE GRADE SECTIONS.
- INCREASE GROUND WIRE SIZES WHEN THE PHASE CONDUCTOR SIZES ARE INCREASED. REFER TO NEC 250.122(B).
- PROVIDE A PULL STRING IN ALL SPARE CONDUITS.

CONDUCTORS:

- GENERAL USE CONDUCTORS (BUILDING WIRE) SHALL BE EPR OR XLP INSULATED NEC TYPE XHHW-2 WIRE. WIRE SHALL BE TYPE USE-2 FOR SERVICES AND POLE WIRING. ALL WIRING SHALL BE UL LISTED FOR GENERAL USE AT A MAXIMUM OF 600 VOLTS. UNLESS OTHERWISE NOTED, CONDUCTORS SHALL BE ANNEALED, UNCOATED COPPER WIRE.
- MINIMUM WIRE SIZE SHALL BE 12 AWG. CONDUCTORS 8 AWG AND LARGER SHALL BE STRANDED.

IDENTIFICATION:

- PROVIDE ENGRAVED LAMINATED PLASTIC PLATES TO IDENTIFY ALL PANELS, SERVICE EQUIPMENT, SAFETY SWITCHES, ETC.
- CONTROL AND SIGNAL WIRES AND CABLES SHALL BE TAGGED IN ALL PULL AND JUNCTION BOXES, ALL WIREWAYS, AND WHEN TERMINATED. EACH WIRE SHALL BE IDENTIFIED WITH A WRAPAROUND NUMBER WIRE MARKER.
- PROVIDE A CORRECTED AND TYPED PANEL DIRECTORY FOR ALL PANELS AFFECTED BY PROJECT.
- PROVIDE AN ENGRAVED LABEL FOR EACH PEDESTRIAN AND STREET LIGHT POLE. LABEL SHALL INDICATE THE PANELBOARD NAME AND CIRCUIT NUMBERS SERVING THAT PARTICULAR POLE. USE ADHESIVE TO ATTACH LABEL INSIDE POLE BASE COVER.
- LABEL ALL BREAKER SPACES IN BRANCH CIRCUIT PANELBOARDS WITH ADHESIVE NUMBERS. PLACE LABELS ADJACENT TO BREAKERS, BUT NOT DIRECTLY ON BREAKERS.
- GROUP WIRES FOR MULTIWIRE BRANCH CIRCUITS TOGETHER WITH WIRE TIES AS THEY LEAVE THE PANELBOARD AND IN PULL BOXES.

INSPECTION AND TESTS:

- SYSTEM SHALL BE TESTED FOR SHORTS AND GROUNDS.
- ALL HOT WIRES, IF SHORTED OR GROUNDED, SHALL BE REMOVED AND REPLACED, IF TROUBLE IS WITHIN CONDUITS.

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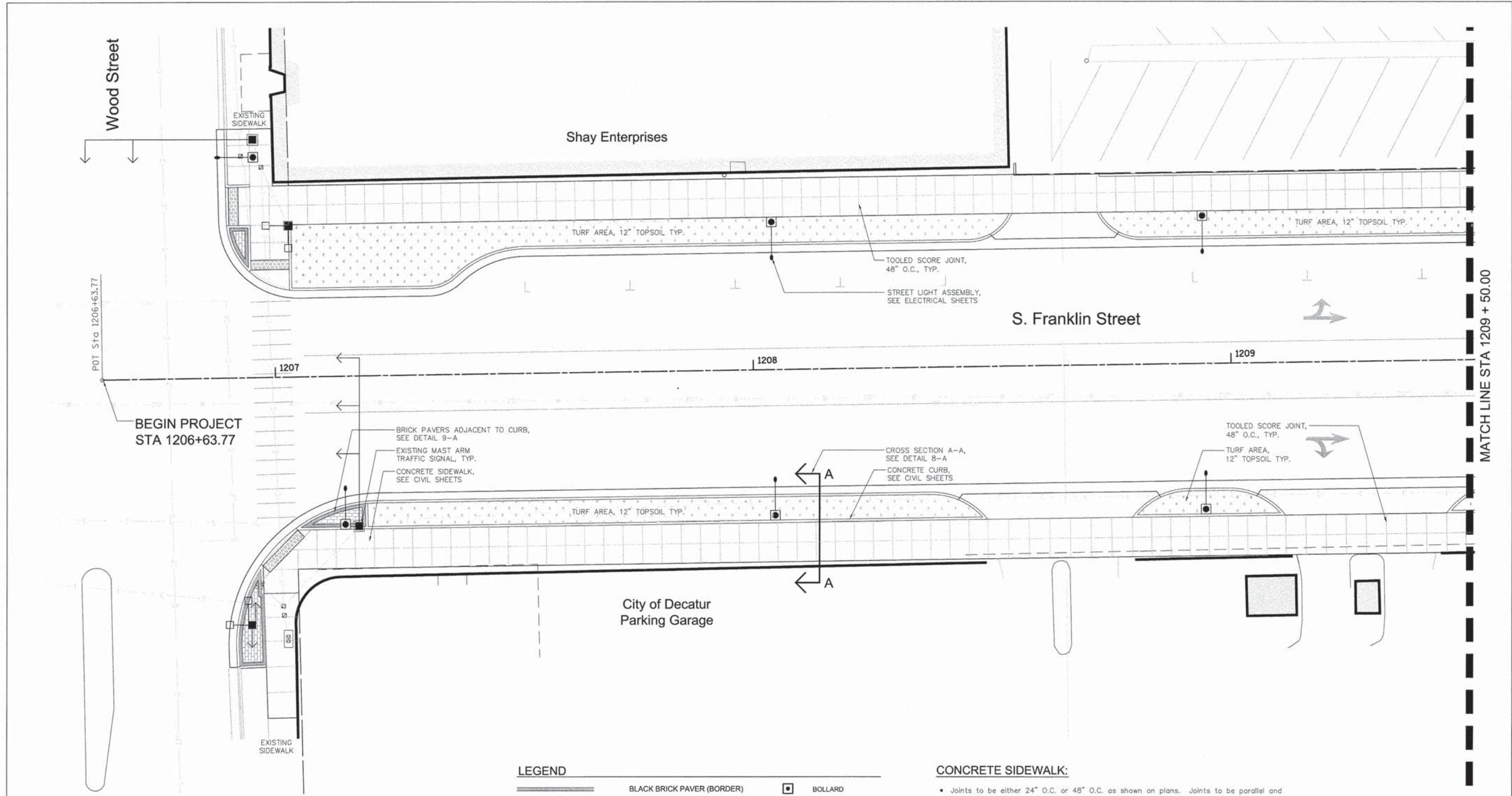
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Decatur, Illinois











BASIC ELECTRICAL MATERIALS AND METHODS
E-14
83 of 103 sheets



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LEGEND

-  BLACK BRICK PAVER (BORDER)
-  BROWN BRICK PAVERS
-  TREE GRATE - WITH CONCRETE BORDER
-  STREET LIGHT ASSEMBLY
-  TRAFFIC SIGNAL - PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN CROSSING SIGNAL
-  TRAFFIC SIGNAL - OVERHEAD MAST ARM
-  BOLLARD
-  PLANTER
-  BENCH

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#FILE#

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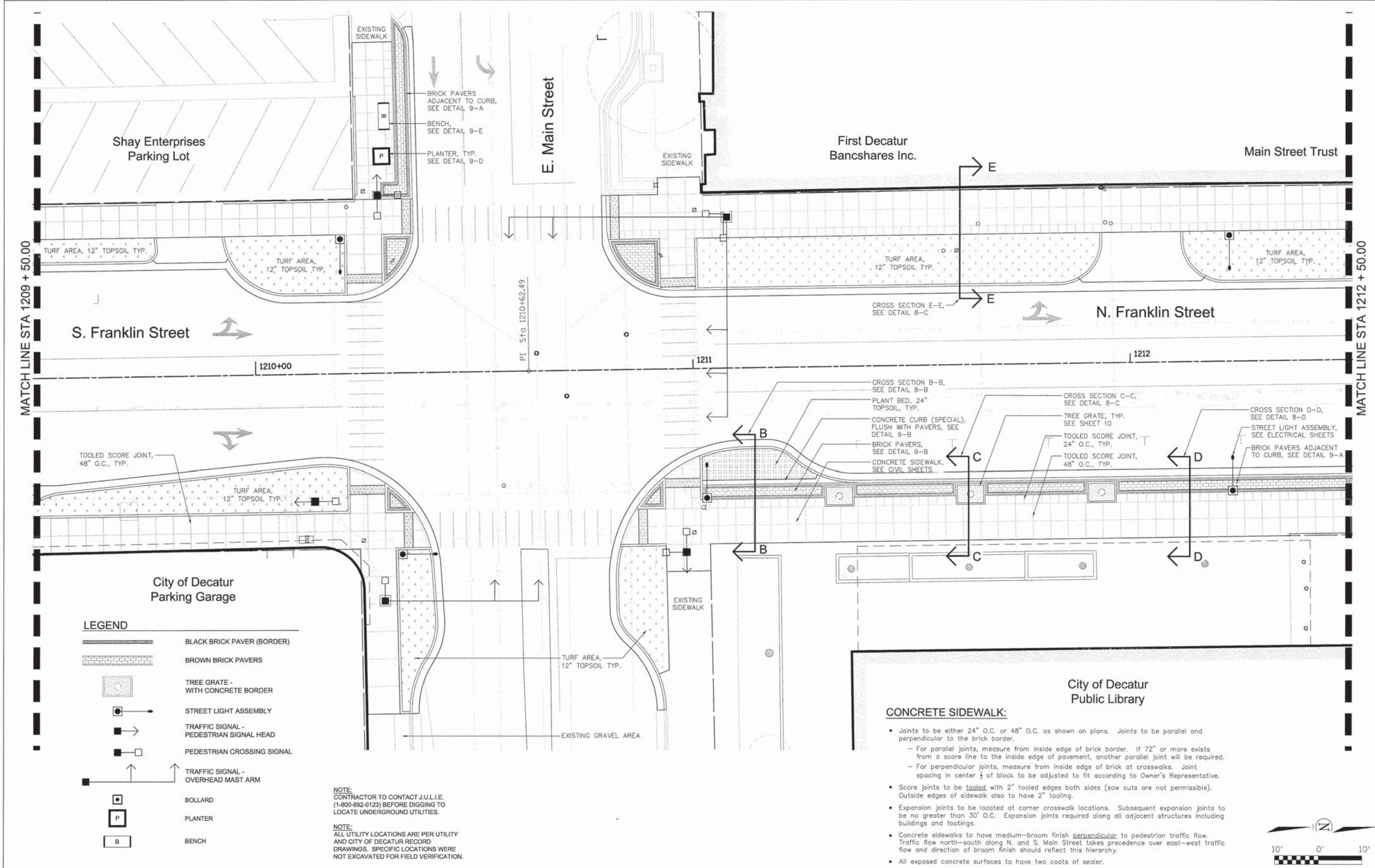
Massie & Massie Associates
LAND PLANNING AND LANDSCAPE ARCHITECTURE
Springfield, Illinois

CHASTAIN & ASSOCIATES LLC
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET HARDScape PLAN
STA 1206+63.77 TO STA 1209+50.00

L-1
84 of 103 sheets



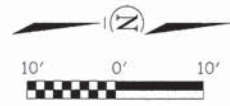
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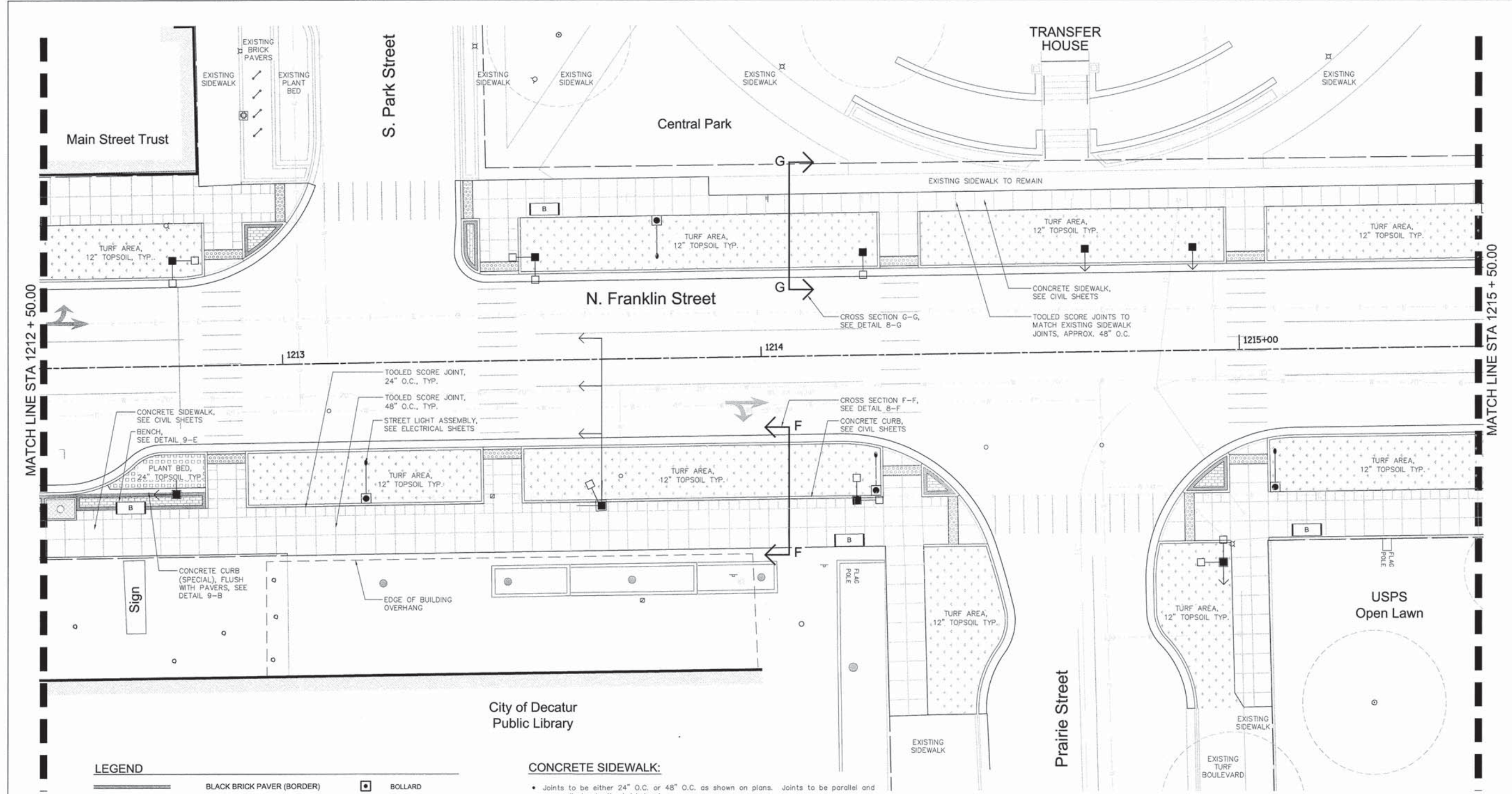
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LEGEND

- | | | | |
|--|---|--|---------|
| | BLACK BRICK PAVER (BORDER) | | BOLLARD |
| | BROWN BRICK PAVERS | | PLANTER |
| | TREE GRATE - WITH CONCRETE BORDER | | BENCH |
| | STREET LIGHT ASSEMBLY | | |
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Massie & Massie Associates
LAND PLANNING AND LANDSCAPE ARCHITECTURE
Springfield, Illinois

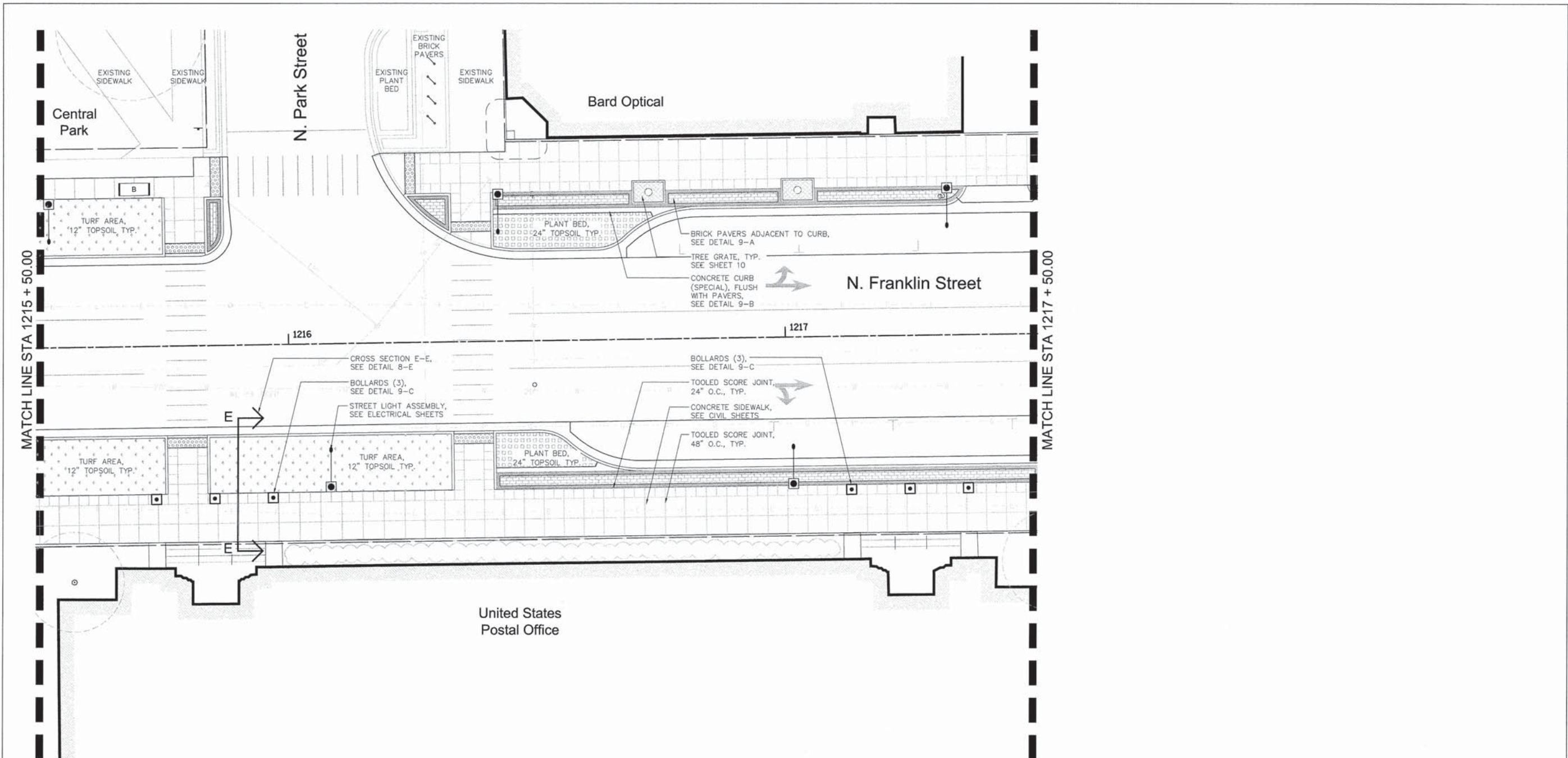
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Decatur, Illinois

FRANKLIN STREET HARDScape PLAN
STA 1212+50.00 TO 1215+50.00

L-3
86 of 103 sheets



MATCH LINE STA 1215 + 50.00

MATCH LINE STA 1217 + 50.00

LEGEND

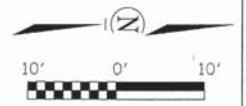
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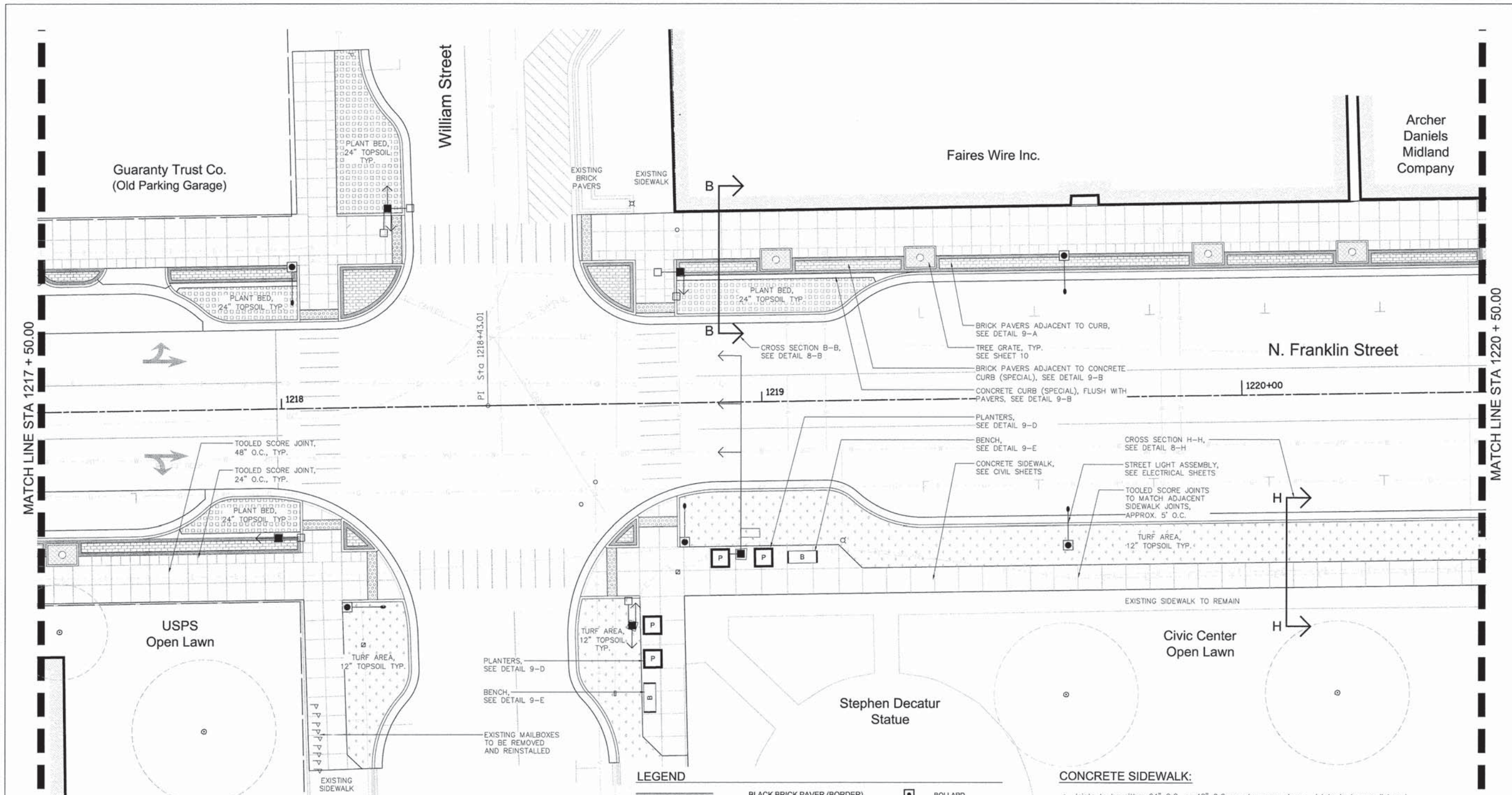
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8 FILEL8

USER NAME = nbrumleve	DESIGNED - KLM	REVISED -	<p>Massie & Massie Associates LAND PLANNING AND LANDSCAPE ARCHITECTURE Springfield, Illinois</p>	<p>CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS</p>	DECATUR (217) 422-8544 CHICAGO (773) 714-0050 ROCKFORD (815) 489-0050 184-001397	<p>FRANKLIN STREET STREETScape ENHANCEMENT Decatur, Illinois</p>	<p>FRANKLIN STREET HARDSCAPE PLAN STA 1215+50.00 TO STA 1217+50.00</p>	<p>L-4 87 of 103 sheets</p>
PLOT SCALE = 1"=10'	DRAWN - NFB	REVISED -						
CHECKED - KLM	DATE - 01-31-2014	REVISED -						
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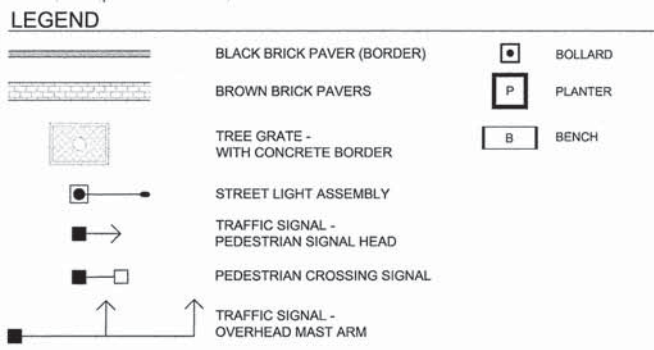


MATCH LINE STA 1217 + 50.00

MATCH LINE STA 1220 + 50.00

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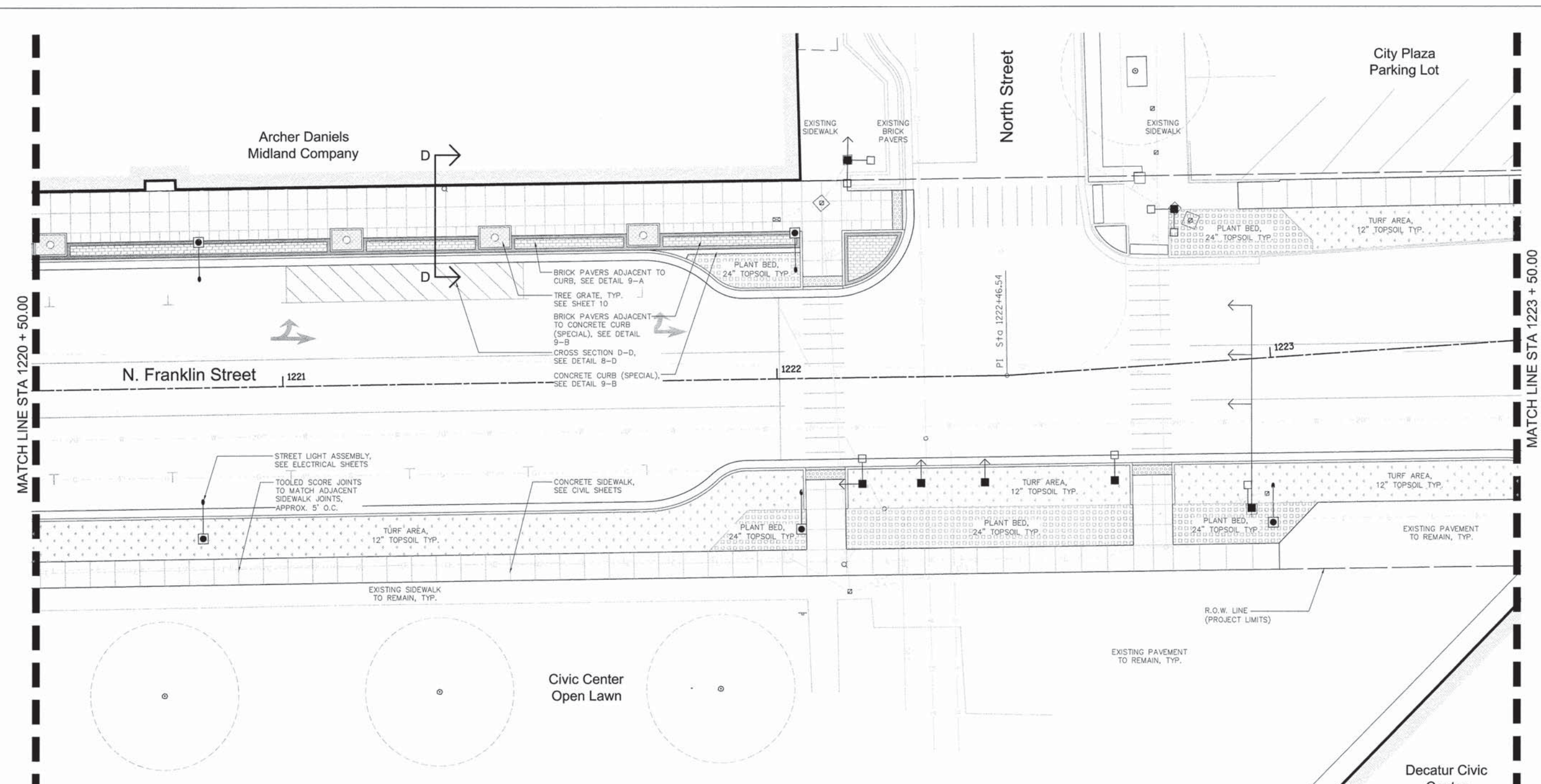
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LAND PLANNING AND LANDSCAPE ARCHITECTURE
Springfield, Illinois

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CONSULTING ENGINEERS
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET HARDScape PLAN
STA 1217+50.00 TO 1220+50.00

L-5
88 of 103 sheets



LEGEND

	BLACK BRICK PAVER (BORDER)		BOLLARD
	BROWN BRICK PAVERS		PLANTER
	TREE GRATE - WITH CONCRETE BORDER		BENCH
	STREET LIGHT ASSEMBLY		
	TRAFFIC SIGNAL - PEDESTRIAN SIGNAL HEAD		
	PEDESTRIAN CROSSING SIGNAL		
	TRAFFIC SIGNAL - OVERHEAD MAST ARM		

CONCRETE SIDEWALK:

- Joints to be either 24" O.C. or 48" O.C. as shown on plans. Joints to be parallel and perpendicular to the brick border.
 - For parallel joints, measure from inside edge of brick border. If 72" or more exists from a score line to the inside edge of pavement, another parallel joint will be required.
 - For perpendicular joints, measure from inside edge of brick at crosswalks. Joint spacing in center 1/3 of block to be adjusted to fit according to Owner's Representative.
- Score joints to be tooled with 2" tooled edges both sides (saw cuts are not permissible). Outside edges of sidewalk also to have 2" tooling.
- Expansion joints to be located at corner crosswalk locations. Subsequent expansion joints to be no greater than 30' O.C. Expansion joints required along all adjacent structures including buildings and footings.
- Concrete sidewalks to have medium-broom finish perpendicular to pedestrian traffic flow. Traffic flow north-south along N. and S. Main Street takes precedence over east-west traffic flow and direction of broom finish should reflect this hierarchy.
- All exposed concrete surfaces to have two coats of sealer.

NOTE:
CONTRACTOR TO CONTACT J.U.L.I.E. (1-800-892-0123) BEFORE DIGGING TO LOCATE UNDERGROUND UTILITIES.

NOTE:
ALL UTILITY LOCATIONS ARE PER UTILITY AND CITY OF DECATUR RECORD DRAWINGS. SPECIFIC LOCATIONS WERE NOT EXCAVATED FOR FIELD VERIFICATION.



USER NAME = nbrumleve	DESIGNED - KLM	REVISED -
	DRAWN - NFB	REVISED -
PLOT SCALE = 1"=10'	CHECKED - KLM	REVISED -
PLOT DATE = 01-31-2014	DATE - 01-31-2014	REVISED -

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LAND PLANNING AND LANDSCAPE ARCHITECTURE
Springfield, Illinois

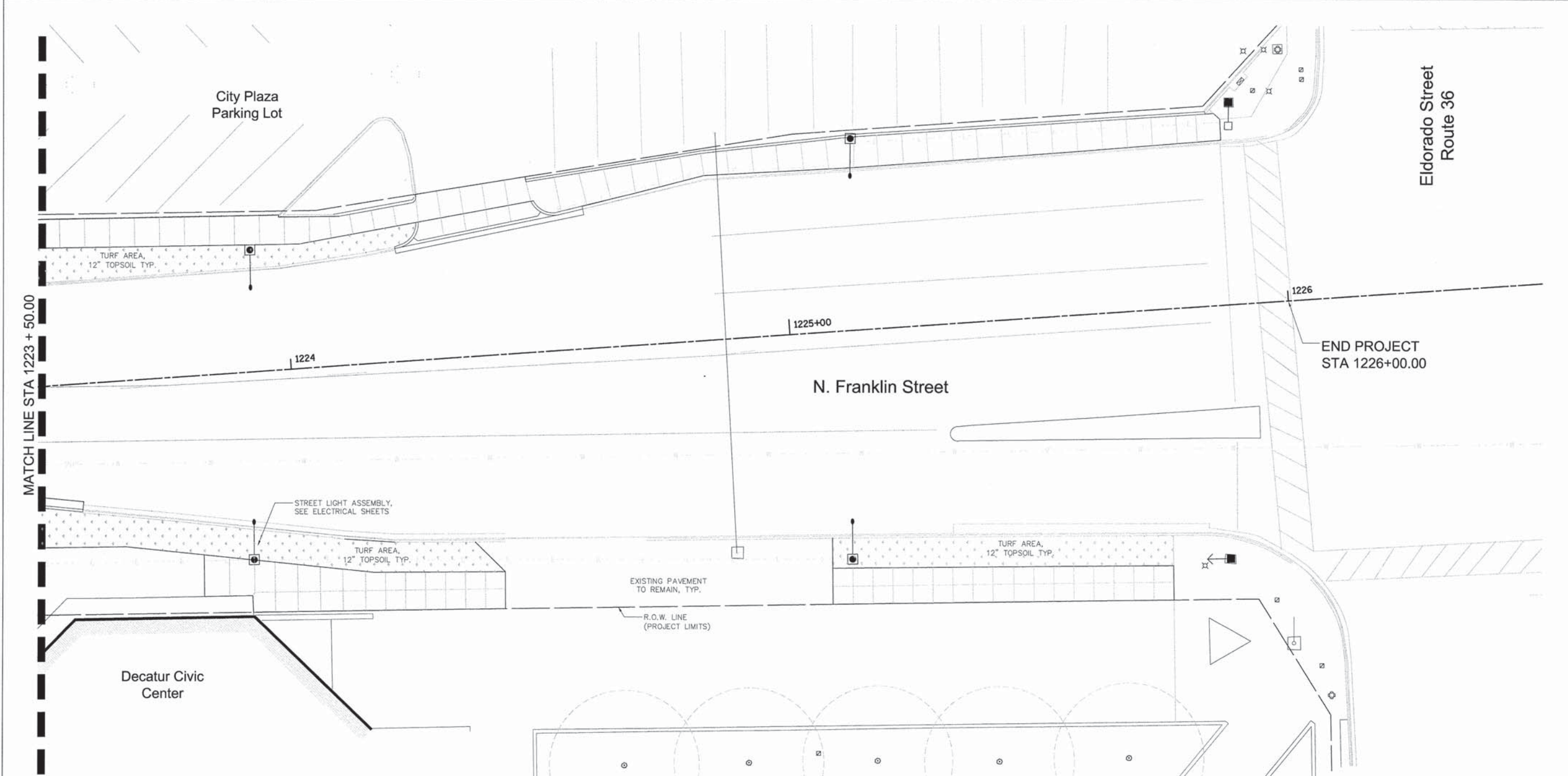
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

FRANKLIN STREET
HARDScape PLAN
STA 1220+50.00 TO 1223+50.00

L-6
89 of 103 sheets



MATCH LINE STA 1223 + 50.00

LEGEND

	BLACK BRICK PAVER (BORDER)		BOLLARD
	BROWN BRICK PAVERS		PLANTER
	TREE GRATE - WITH CONCRETE BORDER		BENCH
	STREET LIGHT ASSEMBLY		
	TRAFFIC SIGNAL - PEDESTRIAN SIGNAL HEAD		
	PEDESTRIAN CROSSING SIGNAL		
	TRAFFIC SIGNAL - OVERHEAD MAST ARM		

CONCRETE SIDEWALK:

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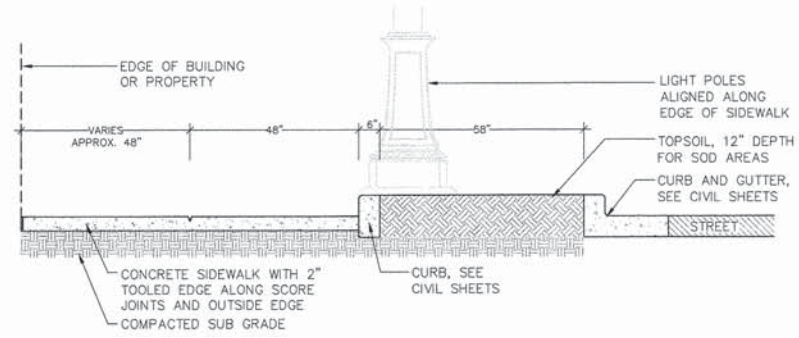
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Springfield, Illinois

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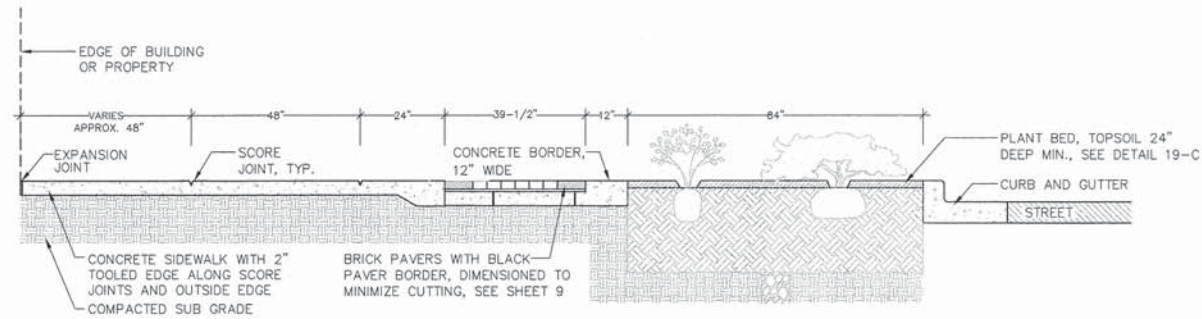
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FRANKLIN STREET STREETScape ENHANCEMENT
Decatur, Illinois

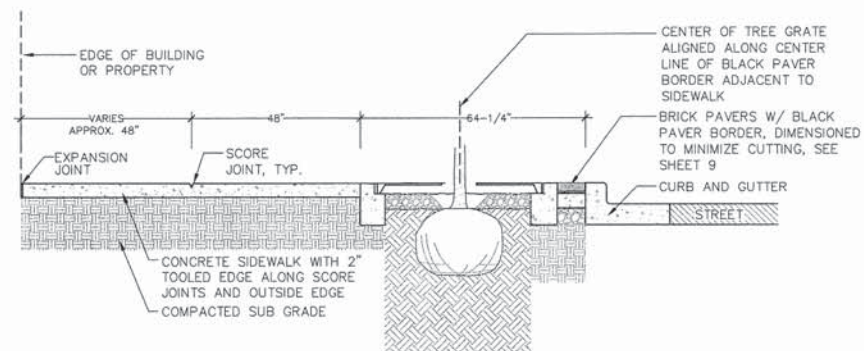
FRANKLIN STREET
HARDSCAPE PLAN
STA 1223+50.00 TO 1226+00.00



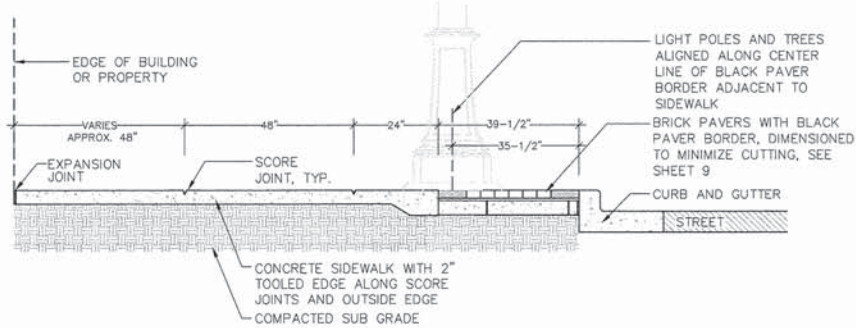
A CROSS SECTION A-A
8 NOT TO SCALE



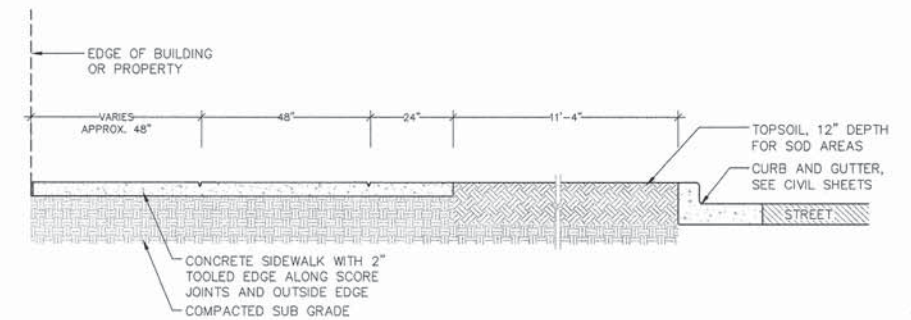
B CROSS SECTION B-B
8 NOT TO SCALE



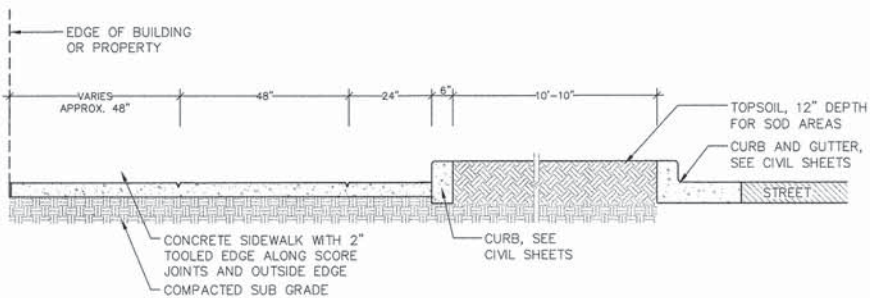
C CROSS SECTION C-C
8 NOT TO SCALE



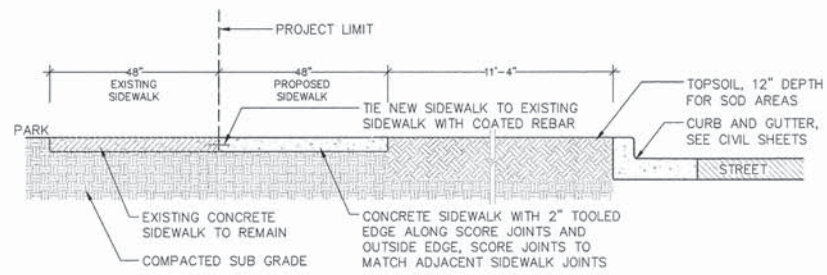
D CROSS SECTION D-D
8 NOT TO SCALE



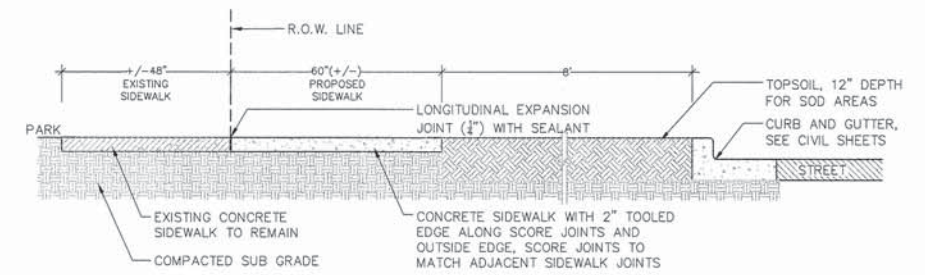
E CROSS SECTION E-E
8 NOT TO SCALE



F CROSS SECTION F-F
8 NOT TO SCALE



G CROSS SECTION G-G
8 NOT TO SCALE



H CROSS SECTION H-H
8 NOT TO SCALE

CONCRETE ELEMENTS

Concrete Curbs (Special) and Tree Grate Collars

1. Concrete Tooling

- Joint locations as shown on plans
- Exposed edges to be tooled with 1/2" diameter round over.
- Joints to be hand tooled without 2" edges.

2. Concrete Finishing

- Concrete Curbs (Special), and Tree Grate Collars to have medium-broom finish perpendicular to length.
- All exposed concrete surfaces to have two coats of sealer.
- See notes regarding concrete sidewalk on plan sheets

NOTE:
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#FILEL8

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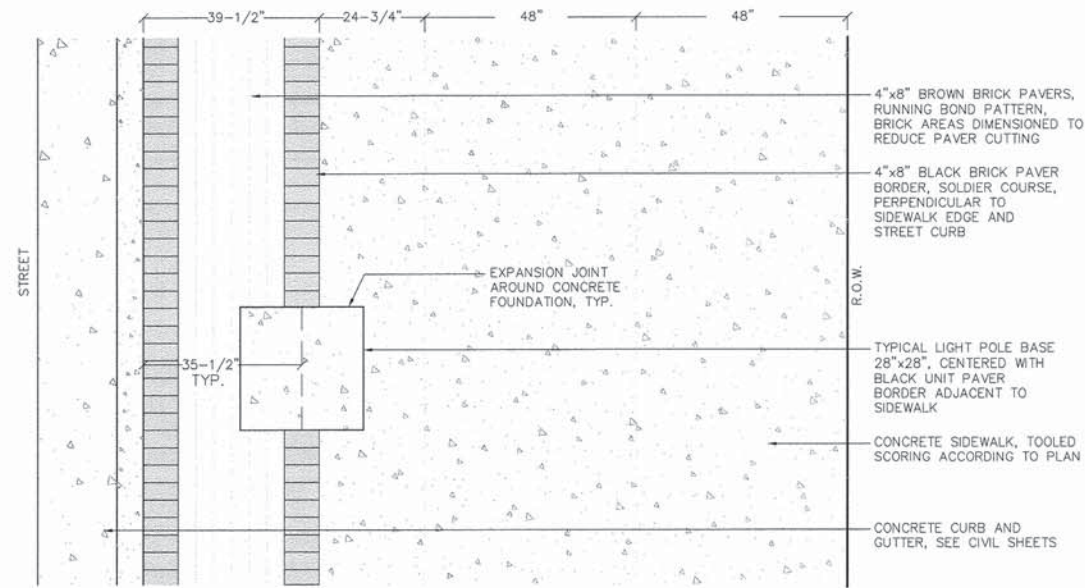
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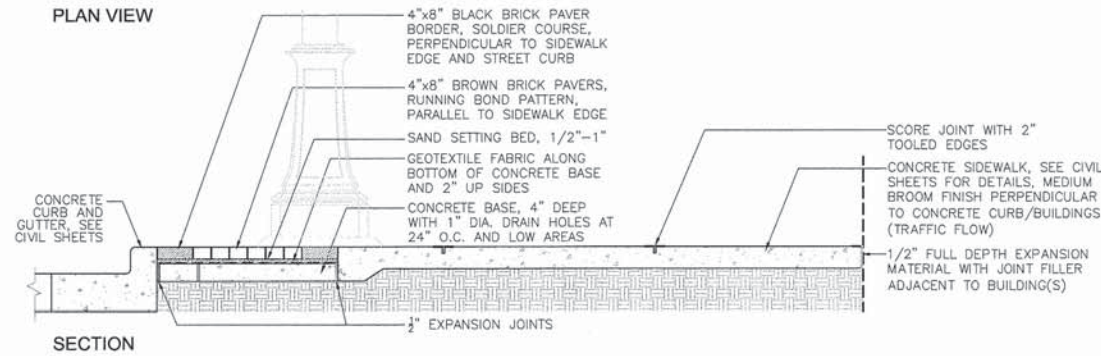
FRANKLIN STREET
TYPICAL CROSS SECTIONS

L-8

91 of 103 sheets

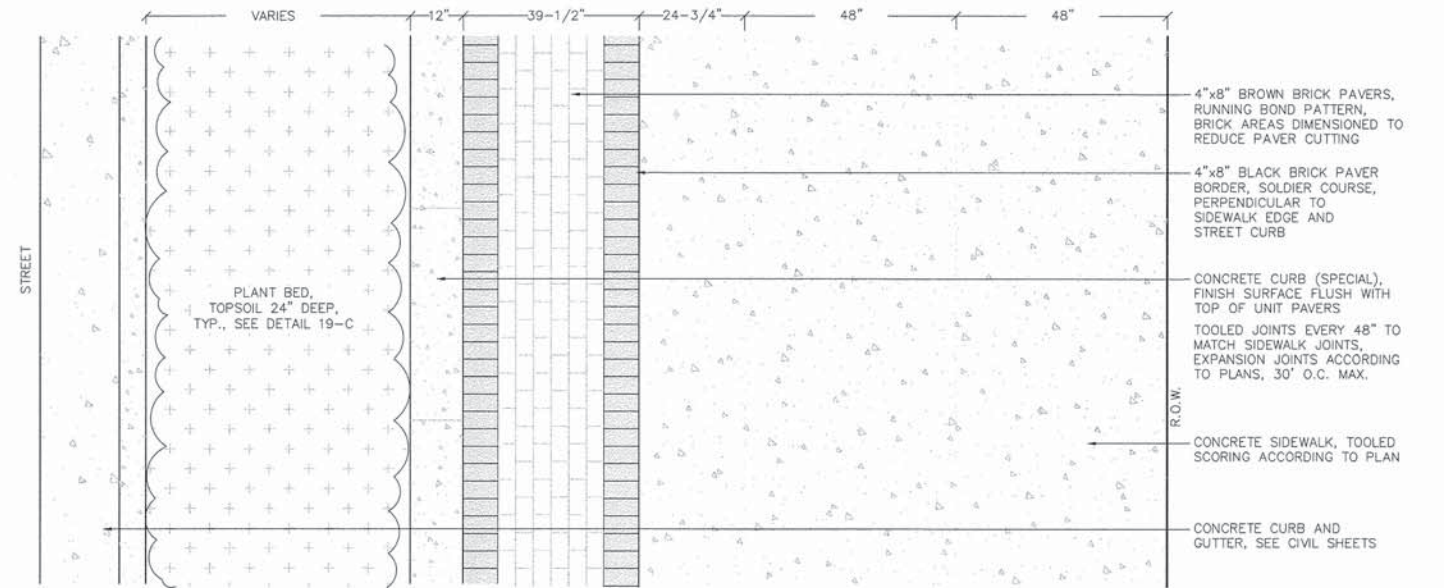


PLAN VIEW

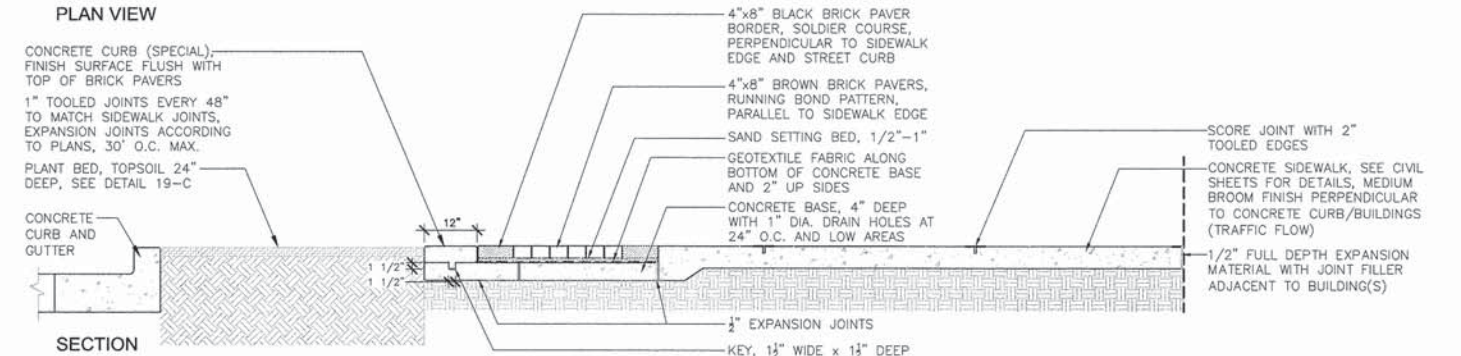


SECTION

A BRICK PAVERS ADJACENT TO CURB
9 SEE PLAN SHEETS FOR SPECIFIC DIMENSIONS NOT TO SCALE

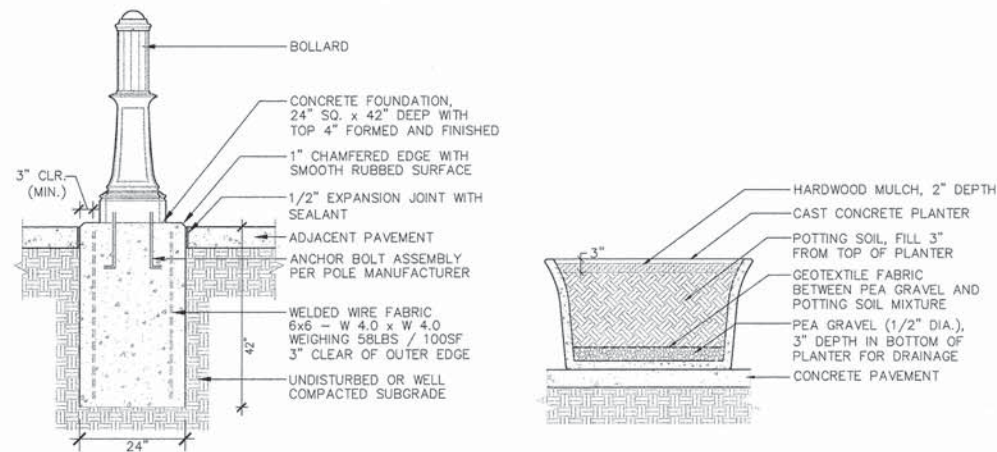


PLAN VIEW



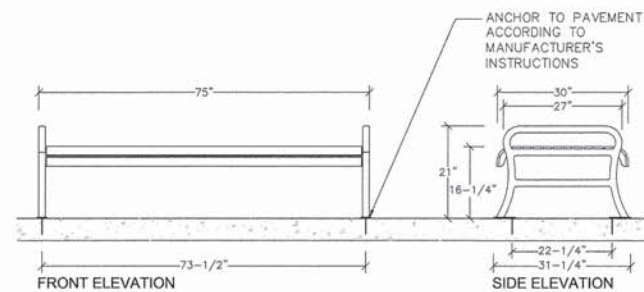
SECTION

B BRICK PAVERS ADJACENT TO CONCRETE CURB (SPECIAL)
9 SEE PLAN SHEETS FOR SPECIFIC DIMENSIONS NOT TO SCALE



C BOLLARDS
9 NOT TO SCALE

D PLANTERS
9 NOT TO SCALE



E BENCHES
9 NOT TO SCALE

CONCRETE ELEMENTS
Concrete Curb (Special) and Tree Grate Collars

- Concrete Tooling**
 - Joint locations as shown on plans
 - Exposed edges to be tooled with 1/2" diameter round over.
 - Joints to be hand tooled without 2" edges.
- Concrete Finishing**
 - Concrete Curb (Special) and Tree Grate Collars to have medium-broom finish perpendicular to length.
 - All exposed concrete surfaces to have two coats of sealer.
 - See notes regarding concrete sidewalk on plan sheets

NOTE:
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USER NAME = nbrumleve	DESIGNED - KLM	REVISED -
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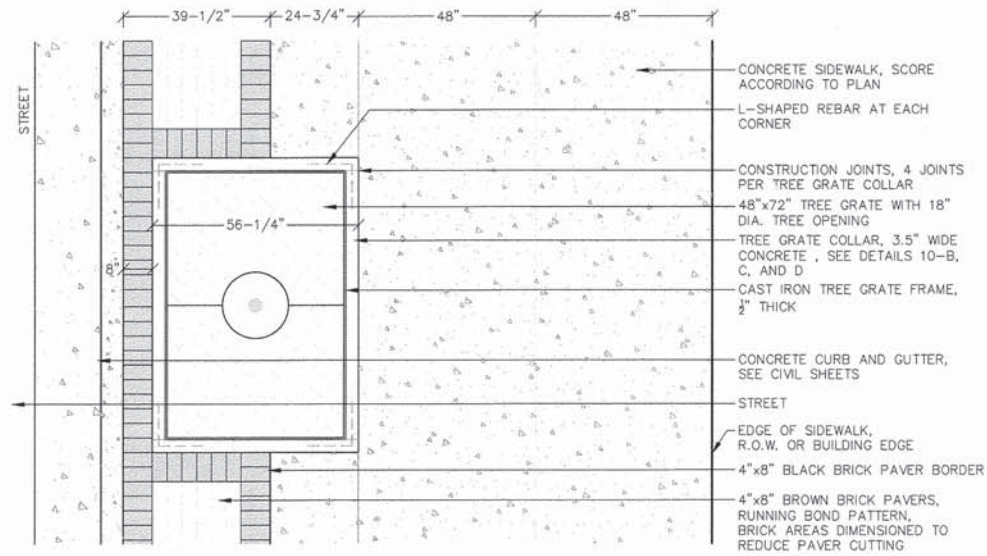
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Decatur, Illinois

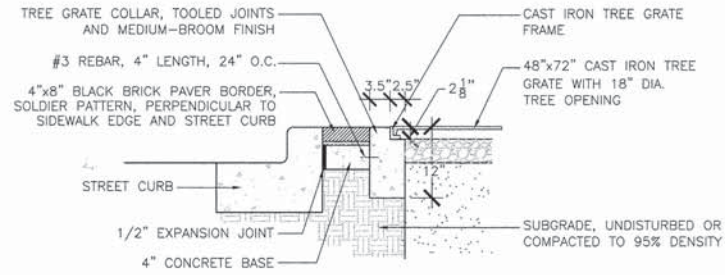
FRANKLIN STREET
DETAILS

L-9

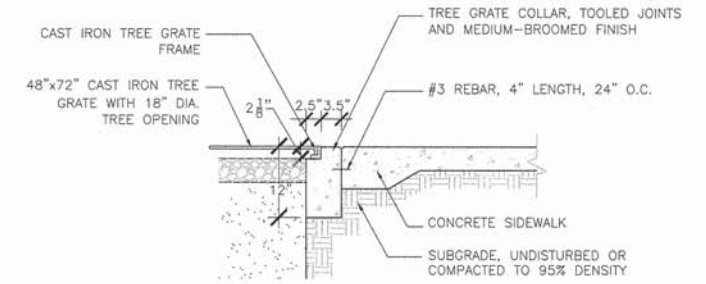
92 of 103 sheets



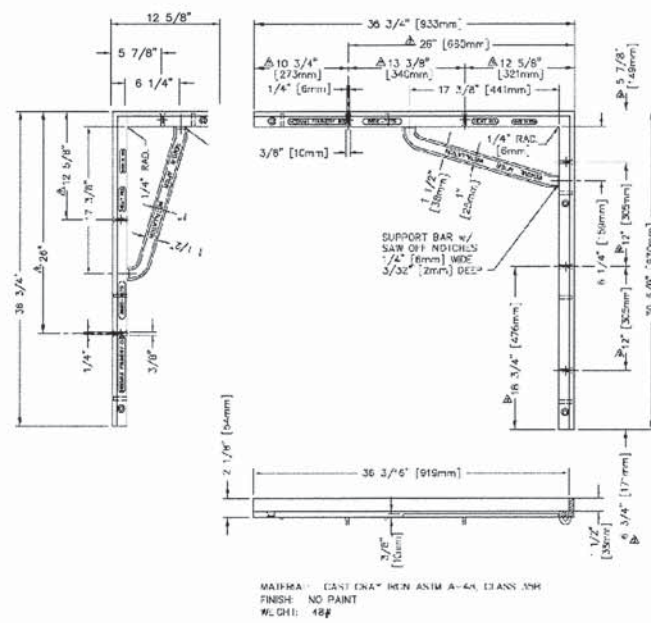
A TREE GRATE PLAN
10 ADJACENT TO STREET CURB NOT TO SCALE



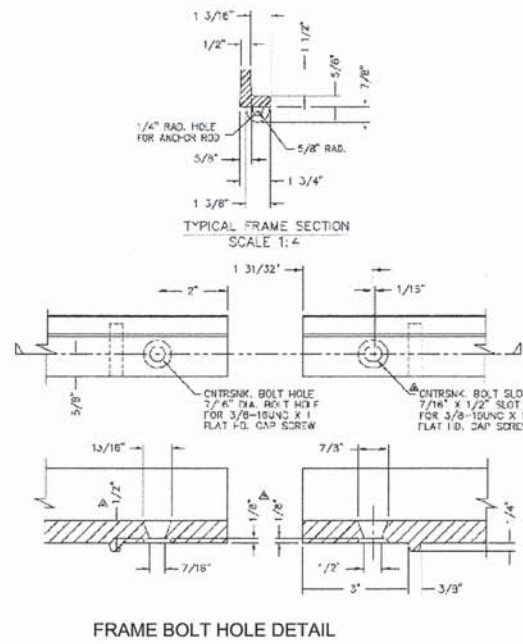
B TREE GRATE - CONCRETE COLLAR
10 ADJACENT TO UNIT PAVERS NOT TO SCALE



C TREE GRATE - CONCRETE COLLAR
10 ADJACENT TO SIDEWALK NOT TO SCALE



D TREE GRATE FRAME DETAILS
10 NOT TO SCALE



FRAME BOLT HOLE DETAIL

CONCRETE ELEMENTS
Concrete Curb (Special) and Tree Grate Collars

- Concrete Tooling**
 - Joint locations as shown on plans
 - Exposed edges to be tooled with 1/2" diameter round over.
 - Joints to be hand tooled without 2" edges.
- Concrete Finishing**
 - Concrete Borders and Tree Grate Collars to have medium-broom finish perpendicular to length.
 - All exposed concrete surfaces to have two coats of sealer.
 - See notes regarding concrete sidewalk on plan sheets

NOTE:
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8 FILEL4

USER NAME = nbrumleve	DESIGNED = KLM	REVISED =
	DRAWN = NFB	REVISED =
PLOT SCALE = 1"=10'	CHECKED = KLM	REVISED =
PLOT DATE = 01-31-2014	DATE = 01-31-2014	REVISED =

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Springfield, Illinois

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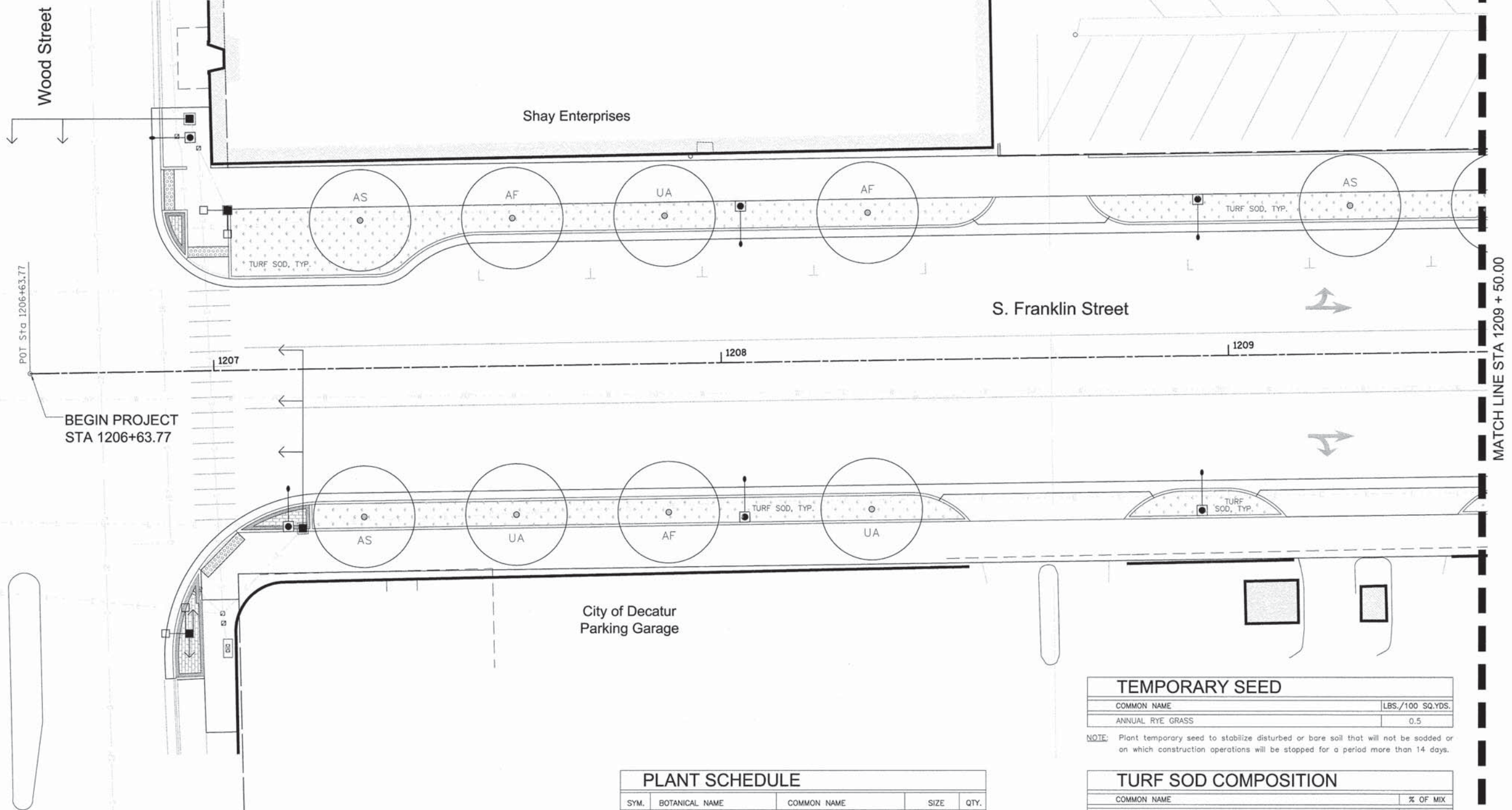
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Decatur, Illinois

FRANKLIN STREET
TREE GRATE DETAILS

L-10

93 of 103 sheets



POT Sta 1206+63.77

BEGIN PROJECT
STA 1206+63.77

MATCH LINE STA 1209 + 50.00

PLANT SCHEDULE				
SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE FREEMAN MAPLE	4" CALP. B.B.	3
AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2.5" CALP. B.B.	3
UA	ULMUS X ACCOLADE	ACCOLADE ELM	4" CALP. B.B.	3

NOTES

- QUANTITIES PROVIDED FOR CONTRACTOR'S CONVENIENCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY QUANTITIES PRIOR TO BIDDING AND ORDERING PLANT MATERIAL.
- CONTRACTOR TO VERIFY UTILITY LOCATIONS PRIOR TO EXCAVATING FOR PLANTS.
- ENTIRE PLANTING BED AREAS TO BE MULCHED.
- SOD ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.

TEMPORARY SEED	
COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

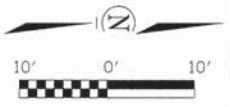
NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.

TURF SOD COMPOSITION	
COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Labarinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Williamette, Winchester.

**Kentucky Bluegrass: Mixture of one or more of the following varieties: Barrister, Chateau, Destiny, Enmundi, Gnome, Marquis, and Suffolk.

Additionally, Seed Oats to be added to the mix according to Landscape Architect if seeding outside of the specified dates.



#FILE#

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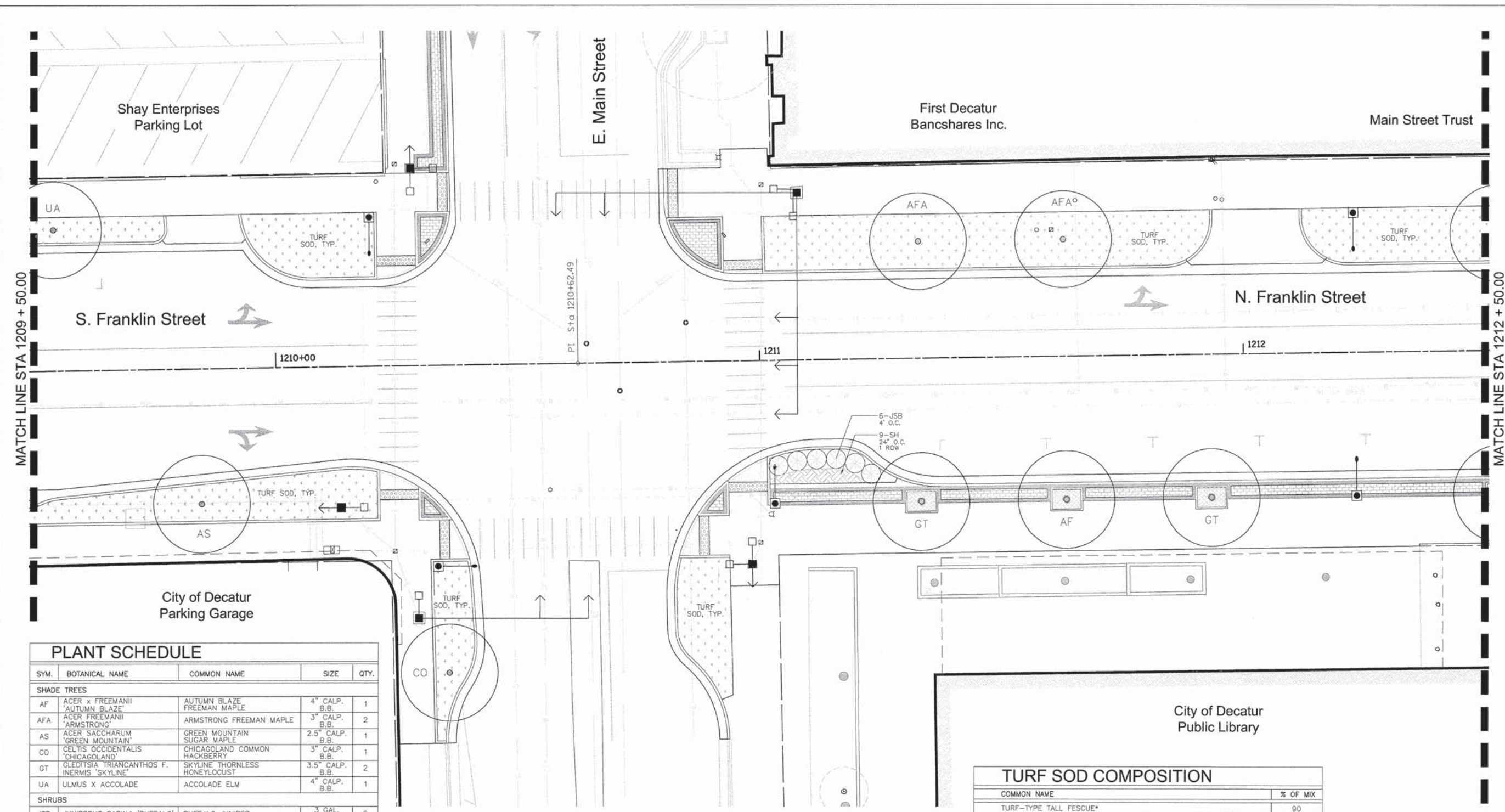
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Decatur, Illinois

FRANKLIN STREET PLANTING PLAN
STA 1206+63.77 TO STA 1209+50.00

L-11
94 of 103 sheets



PLANT SCHEDULE

SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE FREEMAN MAPLE	4" CALP. B.B.	1
AFA	ACER FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	3" CALP. B.B.	2
AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2.5" CALP. B.B.	1
CO	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND COMMON HACKBERRY	3" CALP. B.B.	1
GT	GLEDITSIA TRIANCANTHOS F. INERMIS 'SKYLINE'	SKYLINE THORNLESS HONEYLOCUST	3.5" CALP. B.B.	2
UA	ULMUS X ACCOLADE	ACCOLADE ELM	4" CALP. B.B.	1
SHRUBS				
JSB	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	3 GAL. WELL DEVELOPED	6
PERENNIAL PLANTS				
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL. WELL DEVELOPED	9

- NOTES**
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 - SOD ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.

TEMPORARY SEED

COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.

TURF SOD COMPOSITION

COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Labarinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Williamette, Winchester.
 **Kentucky Bluegrass: Mixture of one or more of the following varieties: Barrister, Chateau, Destiny, Enmundi, Gnome, Marquis, and Suffolk.
 Additionally, Seed Oats to be added to the mix according to Landscape Architect if seeding outside of the specified dates.



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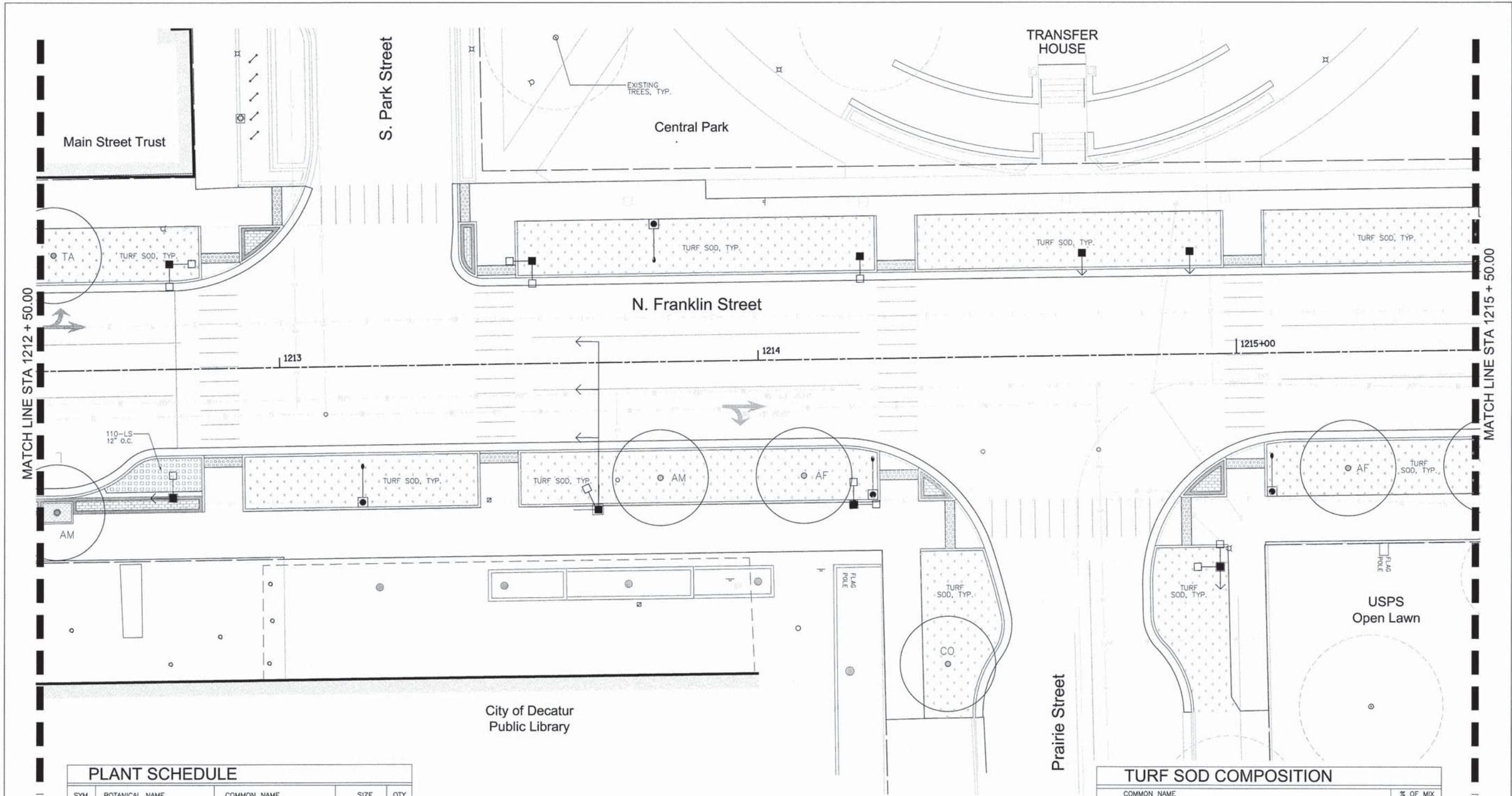
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 Springfield, Illinois

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FRANKLIN STREET STREETScape ENHANCEMENT
 Decatur, Illinois

FRANKLIN STREET PLANTING PLAN
 STA 1209+50.00 TO STA 1212+50.00



PLANT SCHEDULE				
SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE FREEMAN MAPLE	4" CALP. B.B.	2
AM	ACER MIYABEI 'STATE STREET'	STATE STREET MIYABE MAPLE	4" CALP. B.B.	2
CO	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND COMMON HACKBERRY	3" CALP. B.B.	1
TA	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	3" CALP. B.B.	1
PERENNIAL PLANTS				
LS	LIRIOPE SPICATA	CREeping LILYTURF	QUART POT WELL DEVELOPED	110

NOTES

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TEMPORARY SEED	
COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.

TURF SOD COMPOSITION	
COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Lobarinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Williamette, Winchester.

**Kentucky Bluegrass: Mixture of one or more of the following varieties: Barrister, Chateau, Destiny, Enmundi, Gnome, Marquis, and Suffolk.

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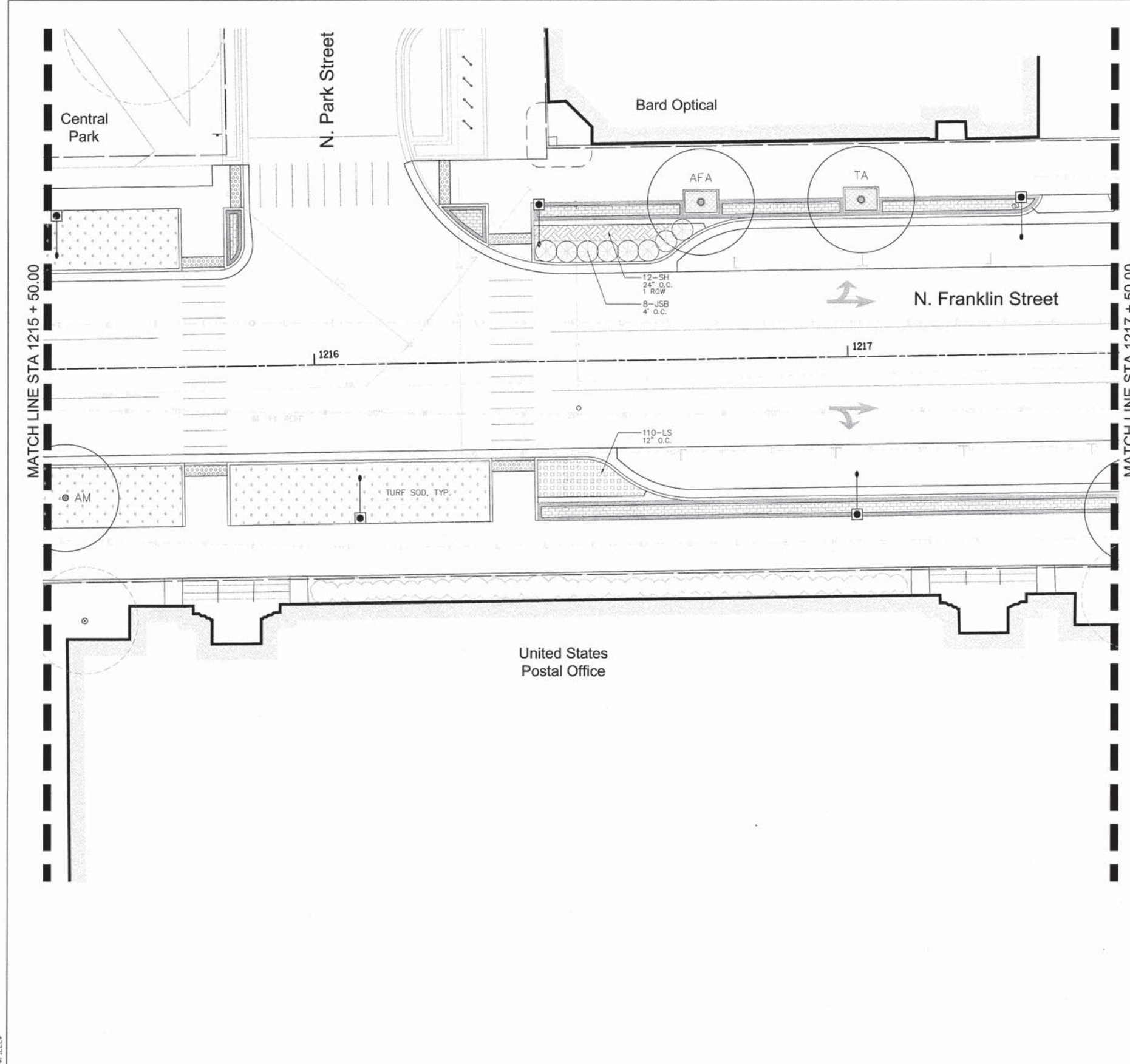
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Decatur, Illinois

FRANKLIN STREET PLANTING PLAN
STA 1212+50.00 TO 1215+50.00

L-13
96 of 103 sheets



PLANT SCHEDULE				
SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AFA	ACER FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	3" CALP. B.B.	1
AM	ACER MIYABEI 'STATE STREET'	STATE STREET MIYABE MAPLE	4" CALP. B.B.	1
TA	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	3" CALP. B.B.	1
SHRUBS				
JSB	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	3" GAL. WELL DEVELOPED	8
PERENNIAL PLANTS				
LS	LIRIOPE SPICATA	CREEPING LILYTURF	QUART POT WELL DEVELOPED	110
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1" GAL. WELL DEVELOPED	12

- NOTES**
- QUANTITIES PROVIDED FOR CONTRACTOR'S CONVENIENCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY QUANTITIES PRIOR TO BIDDING AND ORDERING PLANT MATERIAL.
 - CONTRACTOR TO VERIFY UTILITY LOCATIONS PRIOR TO EXCAVATING FOR PLANTS.
 - ENTIRE PLANTING BED AREAS TO BE MULCHED.
 - SOD ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.

TURF SOD COMPOSITION	
COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Labyrinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Willamette, Winchester.

**Kentucky Bluegrass: Mixture of one or more of the following varieties: Barrister, Chateau, Destiny, Enmundi, Gnome, Marquis, and Suffolk.

Additionally, Seed Oats to be added to the mix according to Landscape Architect if seeding outside of the specified dates.

TEMPORARY SEED	
COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.



#FILE#

USER NAME = nbrunleve	DESIGNED - KLM	REVISED -
	DRAWN - NFB	REVISED -
PLOT SCALE = 1"=10'	CHECKED - KLM	REVISED -
PLOT DATE = 01-31-2014	DATE - 01-31-2014	REVISED -

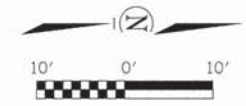
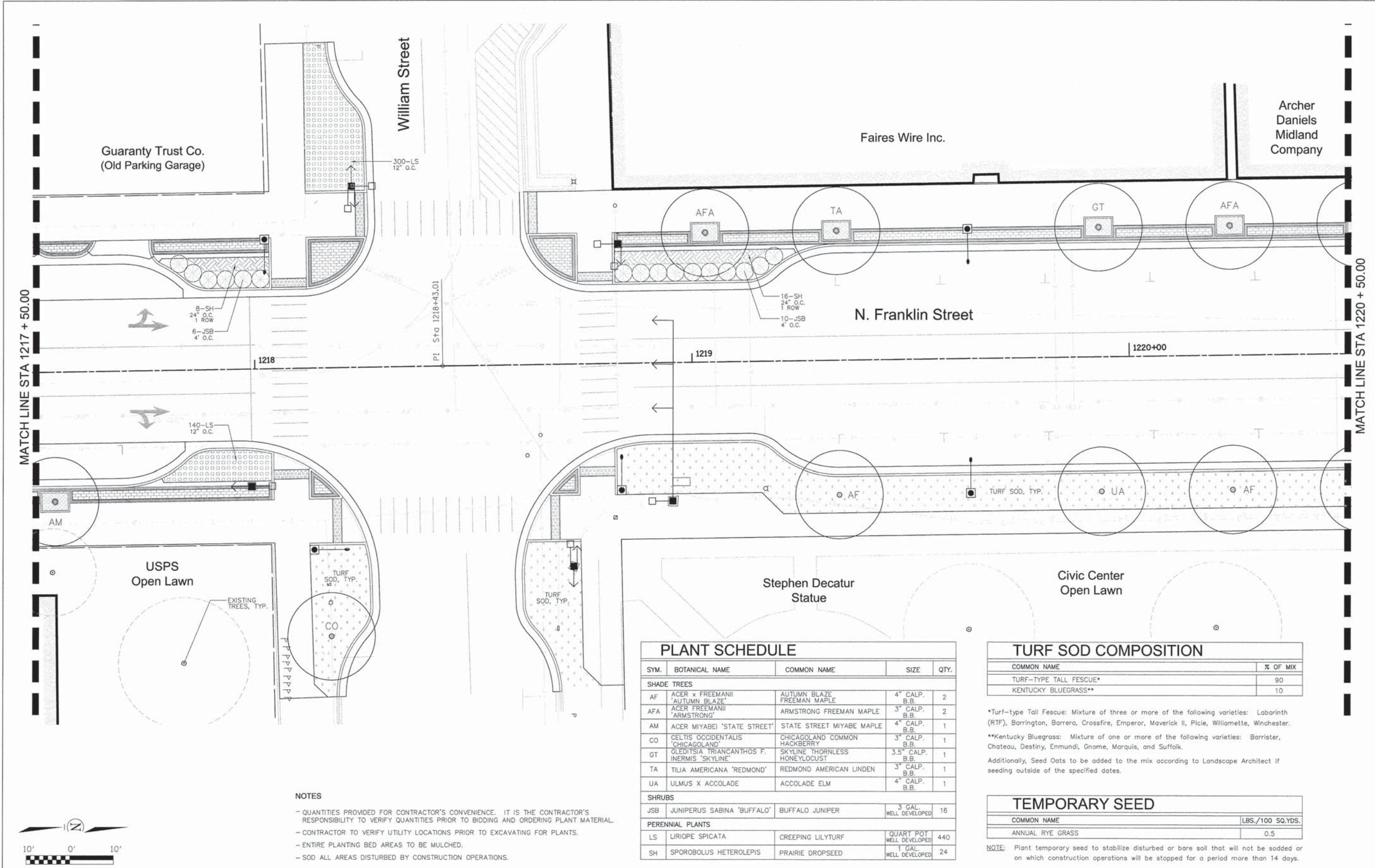
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LAND PLANNING AND LANDSCAPE ARCHITECTURE
Springfield, Illinois

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS
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- NOTES**
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 - ENTIRE PLANTING BED AREAS TO BE MULCHED.
 - SOD ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.

PLANT SCHEDULE				
SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE FREEMAN MAPLE	4" CALP. B.B.	2
AFA	ACER FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	3" CALP. B.B.	2
AM	ACER MIYABEI 'STATE STREET'	STATE STREET MIYABE MAPLE	4" CALP. B.B.	1
CO	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND COMMON HACKBERRY	3" CALP. B.B.	1
GT	GLEDTISIA TRIANCANTHOS F. INERMIS 'SKYLINE'	SKYLINE THORNLESS HONEYLOCUST	3.5" CALP. B.B.	1
TA	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	3" CALP. B.B.	1
UA	ULMUS X ACCOLADE	ACCOLADE ELM	4" CALP. B.B.	1
SHRUBS				
JSB	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	3" GAL. WELL DEVELOPED	16
PERENNIAL PLANTS				
LS	LIRIOPE SPICATA	CREeping LILYTURF	QUART POT WELL DEVELOPED	440
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1" GAL. WELL DEVELOPED	24

TURF SOD COMPOSITION	
COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Labarinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Williamette, Winchester.

**Kentucky Bluegrass: Mixture of one or more of the following varieties: Barrister, Chateau, Destiny, Enmundi, Gnome, Marquis, and Suffolk.

Additionally, Seed Oats to be added to the mix according to Landscape Architect if seeding outside of the specified dates.

TEMPORARY SEED	
COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.

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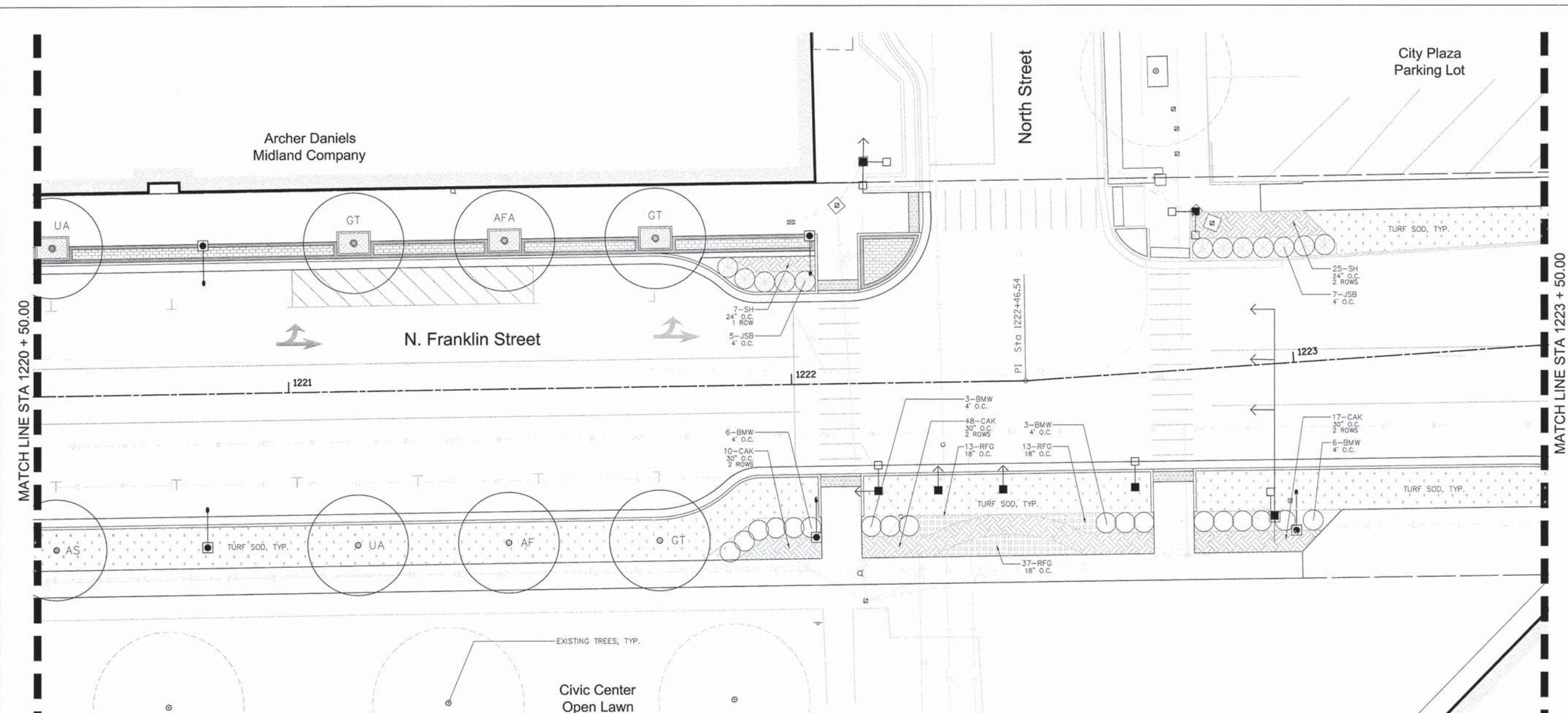
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 Springfield, Illinois

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PLANT SCHEDULE				
SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE FREEMAN MAPLE	4" CALP. B.B.	1
AFA	ACER FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	3" CALP. B.B.	1
AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2.5" CALP. B.B.	1
GT	GLEDTISIA TRIANCANTHOS F. INERMIS 'SKYLINE'	SKYLINE THORNLESS HONEYLOCUST	3.5" CALP. B.B.	3
UA	ULMUS X ACCOLADE	ACCOLADE ELM	4" CALP. B.B.	2
SHRUBS				
BMW	BUXUS MICROPHYLLA WINTERGREEN	WINTERGREEN LITTLELEAF BOXWOOD	5 GAL. 2' HT. 3 GAL.	18
JSB	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	WELL DEVELOPED	12
PERENNIAL PLANTS				
CAK	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GAL. WELL DEVELOPED	75
RFG	RUDBECKIA FULGIDA 'GOLDSTRUM'	GOLDSTRUM BLACK-EYED SUSAN	1 GAL. WELL DEVELOPED	63
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL. WELL DEVELOPED	32

NOTES

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- ENTIRE PLANTING BED AREAS TO BE MULCHED.
- SOD ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.

TURF SOD COMPOSITION	
COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

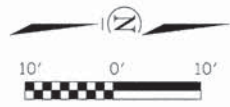
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TEMPORARY SEED	
COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.



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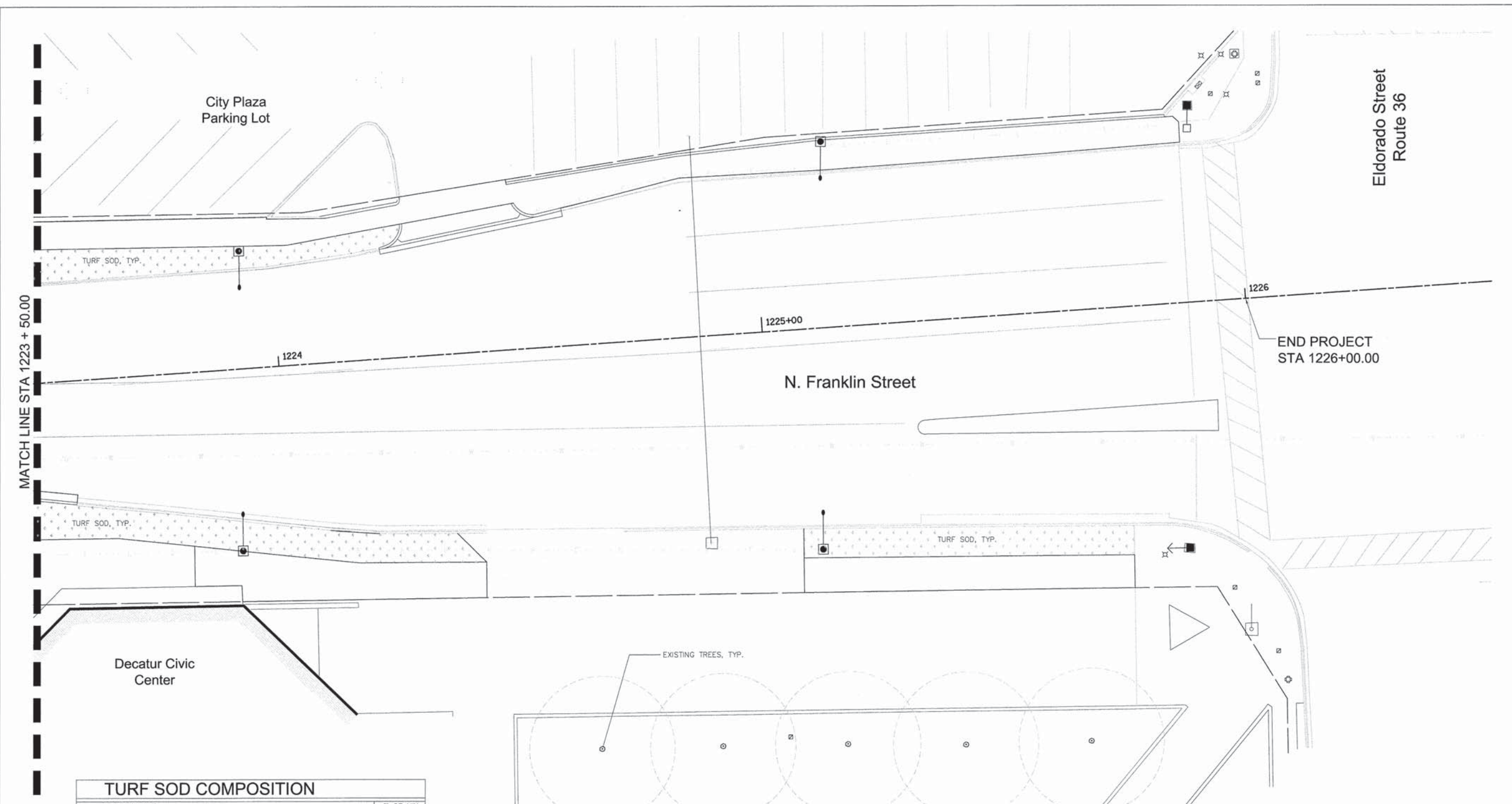
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MATCH LINE STA 1223 + 50.00

Eldorado Street
Route 36

TURF SOD COMPOSITION	
COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

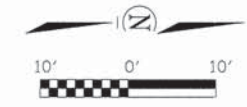
*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Labarinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Williamette, Winchester.

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TEMPORARY SEED	
COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.



#FILE#

USER NAME = nbrunlove	DESIGNED - KLM	REVISED -
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PLOT SCALE = 1"=18'	CHECKED - KLM	REVISED -
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FRANKLIN STREET
PLANTING PLAN
STA 1223+50.00 TO 1226+00.00

L-17
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PLANT SCHEDULE - ENTIRE PROJECT AREA

SYM.	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
SHADE TREES				
AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE FREEMAN MAPLE	4" CALP. B.B.	9
AFA	ACER FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	3" CALP. B.B.	6
AM	ACER MIYABEI 'STATE STREET'	STATE STREET MIYABE MAPLE	4" CALP. B.B.	4
AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2.5" CALP. B.B.	5
CO	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND COMMON HACKBERRY	3" CALP. B.B.	3
QT	GLEDITSIA TRIANCANTHOS F. INERMIS 'SKYLINE'	SKYLINE THORNLESS HONEYLOCUST	3.5" CALP. B.B.	6
TA	TILIA AMERICANA 'REDMOND'	REDMOND AMERICAN LINDEN	3" CALP. B.B.	3
UA	ULMUS X ACCOLADE	ACCOLADE ELM	4" CALP. B.B.	7
SHRUBS				
BMW	BUXUS MICROPHYLLA WINTERGREEN	WINTERGREEN LITTLELEAF BOXWOOD	5 GAL. 2" HT.	18
JSB	JUNIPERUS SABINA 'BUFFALO'	BUFFALO JUNIPER	3" GAL. WELL DEVELOPED	42
PERENNIAL PLANTS				
CAK	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GAL. WELL DEVELOPED	75
LS	LIRIOPE SPICATA	CREeping LILYTURF	QUARTY POT WELL DEVELOPED	660
RFG	RUDBECKIA FULGIDA 'GOLDSTRUM'	GOLDSTRUM BLACK-EYED SUSAN	1 GAL. WELL DEVELOPED	63
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL. WELL DEVELOPED	77

TURF SOD COMPOSITION

COMMON NAME	% OF MIX
TURF-TYPE TALL FESCUE*	90
KENTUCKY BLUEGRASS**	10

*Turf-type Tall Fescue: Mixture of three or more of the following varieties: Labyrinth (RTF), Barrington, Barrera, Crossfire, Emperor, Maverick II, Picie, Williamette, Winchester.

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TEMPORARY SEED

COMMON NAME	LBS./100 SQ.YDS.
ANNUAL RYE GRASS	0.5

NOTE: Plant temporary seed to stabilize disturbed or bare soil that will not be sodded or on which construction operations will be stopped for a period more than 14 days.



FILE

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Springfield, Illinois

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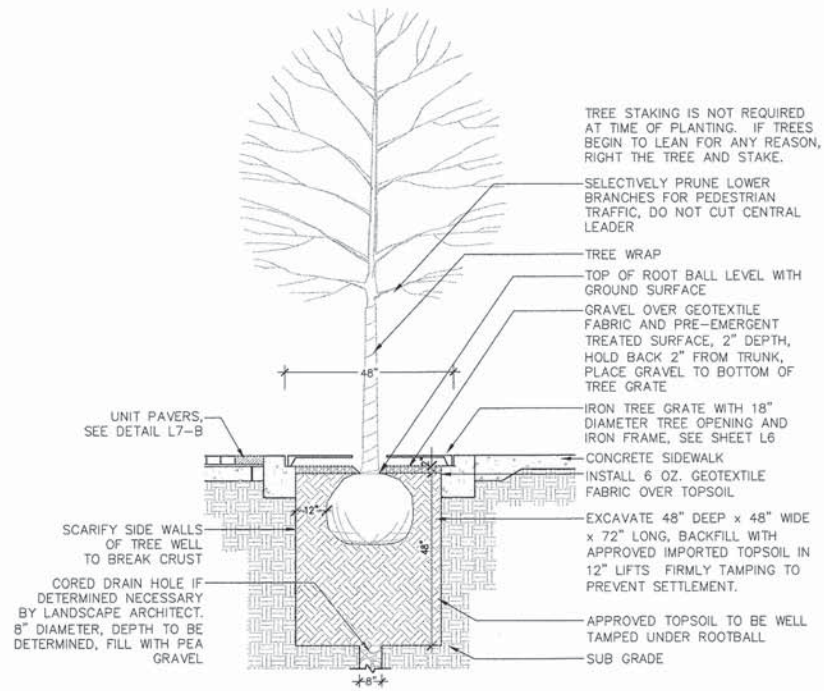
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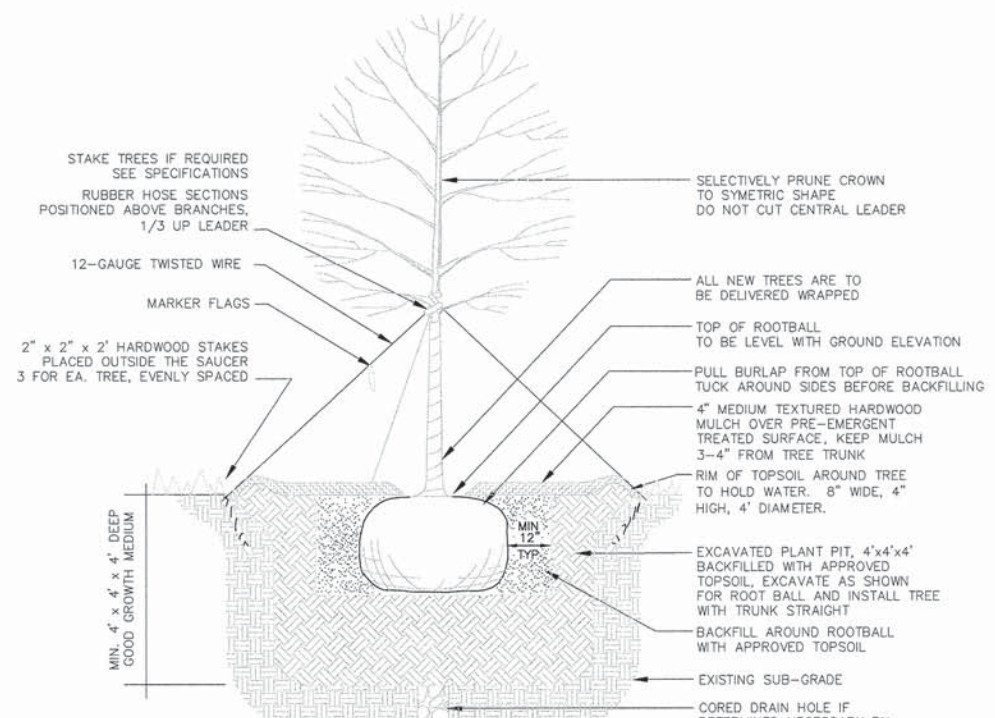
FRANKLIN STREET
PLANT SCHEDULE

L-18

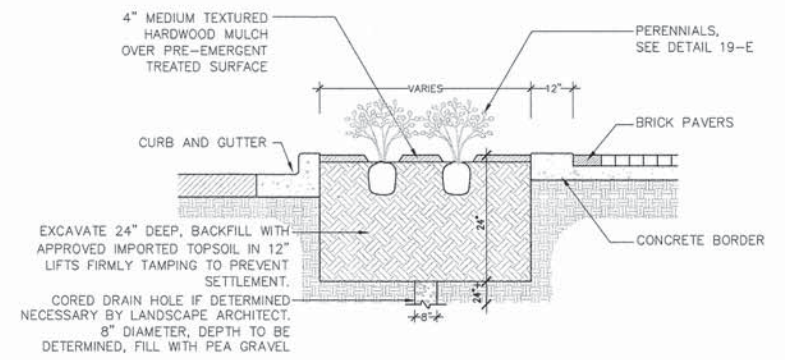
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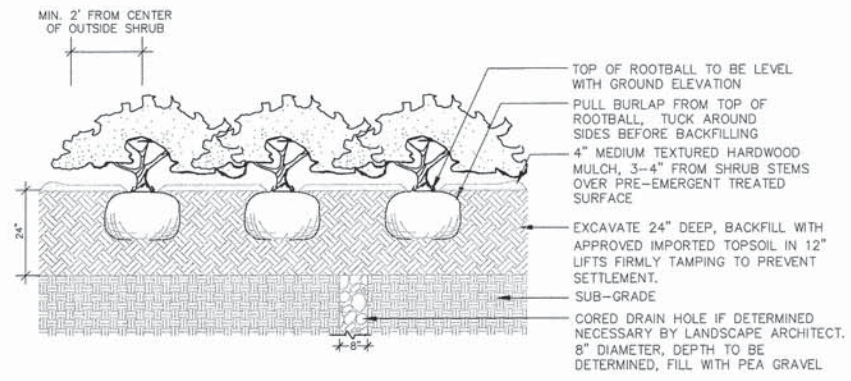
A TREE IN GRATE
19 NOT TO SCALE



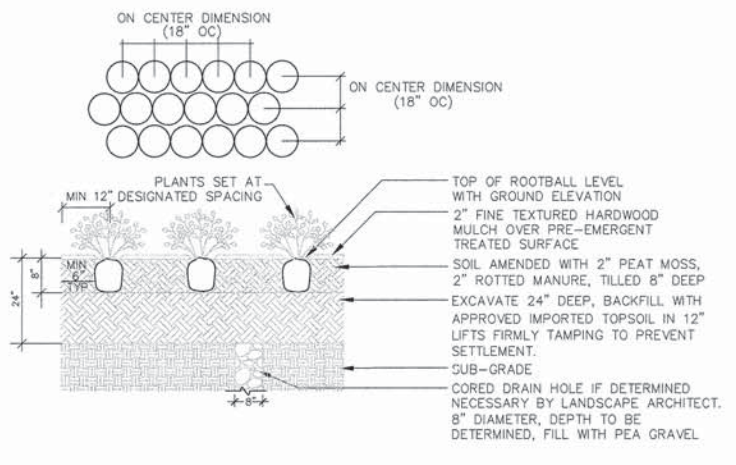
B TREE IN BOULEVARD
19 NOT TO SCALE



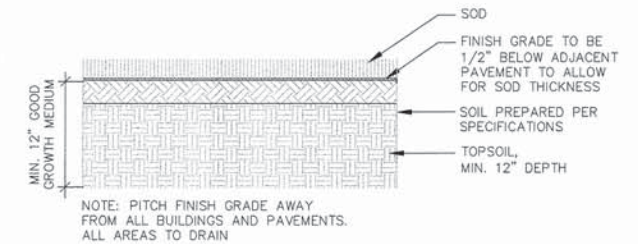
C PLANTING BED
19 NOT TO SCALE



D SHRUBS
19 NOT TO SCALE



E ORNAMENTAL GRASSES AND PERENNIALS
19 NOT TO SCALE



F SOD
19 NOT TO SCALE

NOTE:
CONTRACTOR TO CONTACT J.U.I.E.
(1-800-892-0123) BEFORE DIGGING TO
LOCATE UNDERGROUND UTILITIES.

NOTE:
ALL UTILITY LOCATIONS ARE PER UTILITY
AND CITY OF DECATUR RECORD
DRAWINGS. SPECIFIC LOCATIONS WERE
NOT EXCAVATED FOR FIELD VERIFICATION.

#FILE#

USER NAME = nbrunleve	DESIGNED - KLM	REVISED -
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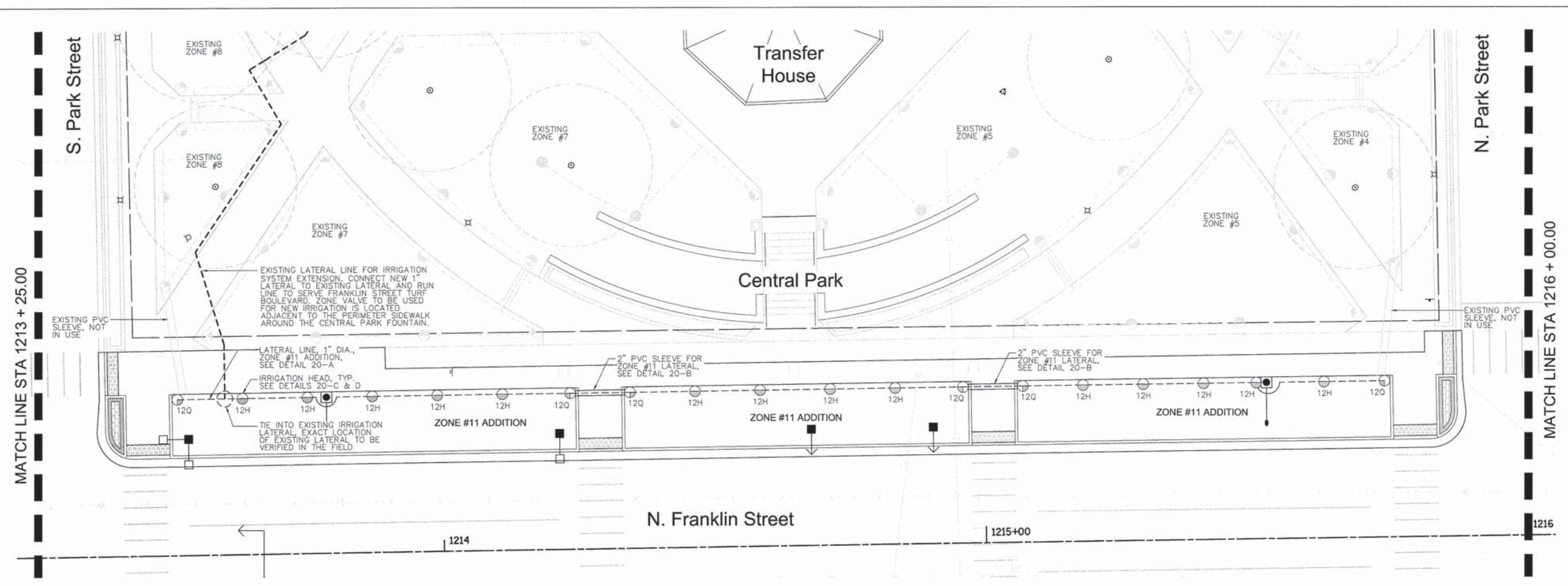
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FRANKLIN STREET
PLANTING DETAILS

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LEGEND

----- LATERALS (1" CLASS 200 PVC)

===== SLEEVES (SIZE AS SHOWN)

⊕ IRRIGATION HEADS:

DEGREE OF ARC

Q = 90° ARC

H = 180° ARC

IRRIGATION SCHEDULE
EXTENSION TO EXISTING CENTRAL PARK SYSTEM

QTY.	HEAD	DESCRIPTION	GPM
ZONE #11 ADDITION - 22.10 GPM TOTAL			
6	12Q	12' RADIUS, 90 DEG. SPRAY, SAM-PRS	0.65
14	12H	12' RADIUS, 180 DEG. SPRAY, SAM-PRS	1.30

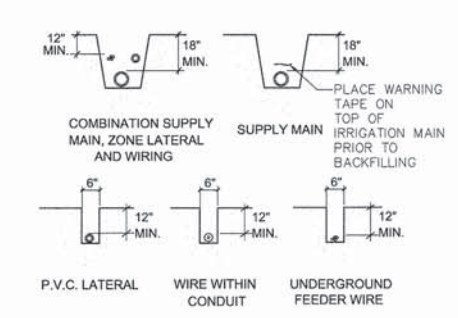
IRRIGATION COMPONENTS

DESIGN PRESSURE AND GPM
SYSTEM DESIGN BASED ON 30 GPM @ 40 PSI DYNAMIC PRESSURE AT THE POINT OF CONNECTION.

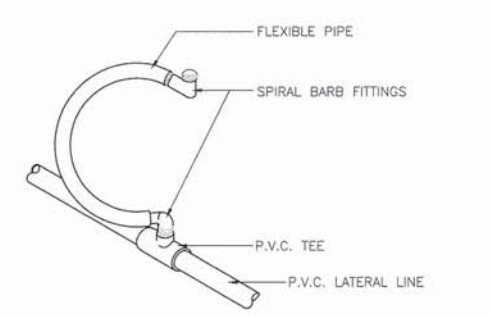
IRRIGATION LATERAL LINES
1" DIAMETER CLASS 200 PVC.

SPRAY HEADS
PRESSURE COMPENSATING, RAINBIRD 1804 SPRAY SAM-PRS TO MATCH EXISTING CENTRAL PARK SPRAY HEADS.

- NOTES:**
- BACKFLOW PREVENTER, CONTROLLER, IRRIGATION MAIN, RAIN SENSOR, MASTER VALVE, AND ZONE VALVES WERE INSTALLED AS PART OF THE CENTRAL PARK PROJECT.
 - SYSTEM DESIGN BASED ON 30 GPM @ 40 PSI DYNAMIC PRESSURE AT THE POINT OF CONNECTION. CONTRACTOR IS RESPONSIBLE TO MEASURE DISCHARGE AND NOTIFY THE LANDSCAPE ARCHITECT IF PRESSURE IS DIFFERENT THAN DESIGNED.
 - ALL SPRINKLER HEADS TO HAVE MATCHED PRECIPITATION RATE (MPR) NOZZLES. GPM CALCULATED USING MPR NOZZLES. SPRAY HEADS TO BE RAINBIRD 1800 SERIES, 4" POP-UP HEIGHT, SAM-PRS NOZZLE.
 - AVOID TRENCHING UNDER DRIPLINE OF TREES.
 - SEED ALL DISTURBED AREAS ACCORDING TO SPECIFICATIONS.

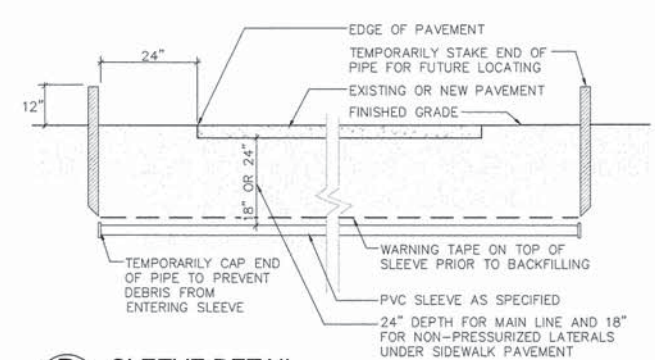


A TRENCHING DETAILS
NOT TO SCALE

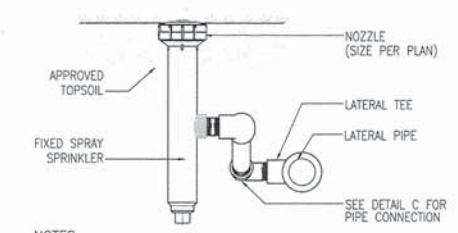


C HEAD TO LATERAL PIPE CONNECTION
NOT TO SCALE

- NOTES:**
1. SNAKE ALL WIRING IN TRENCHES.
 2. INSTALL ALL WIRING PER LOCAL CODES.
 3. BUNDLE ALL WIRING AND TAPE AT 10' INTERVALS.
 4. INSTALL ALL MAIN SUPPLY LINES PER MANUFACTURER'S SPECIFICATIONS.
 5. PLACE WARNING TAPE ON TOP OF IRRIGATION MAIN PRIOR TO BACKFILLING TRENCH.
 6. PROVIDE SLEEVES FOR ALL PIPES AND WIRES UNDER PAVED SURFACES.



B SLEEVE DETAIL
NOT TO SCALE



- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. INSTALL SPRINKLER AT FINISHED GRADE.

D TURF SPRINKLER
NOT TO SCALE



8/FILE#

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FRANKLIN STREET IRRIGATION PLAN
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