

**SHEET NO.**

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2	GENERAL NOTES
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SCALES {	HORIZONTAL ALIGNMENT	1 INCH = 100 FEET
	PLANS & DETAILS	1 INCH = 20 FEET

## HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442101-09	CLASS B PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
876001-04	PEDESTRIAN PUSH BUTTON POST
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
D5 44000080	HOT-MIX ASPHALT SURFACE CORRECTION
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

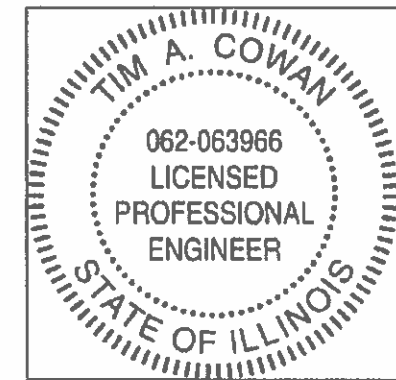
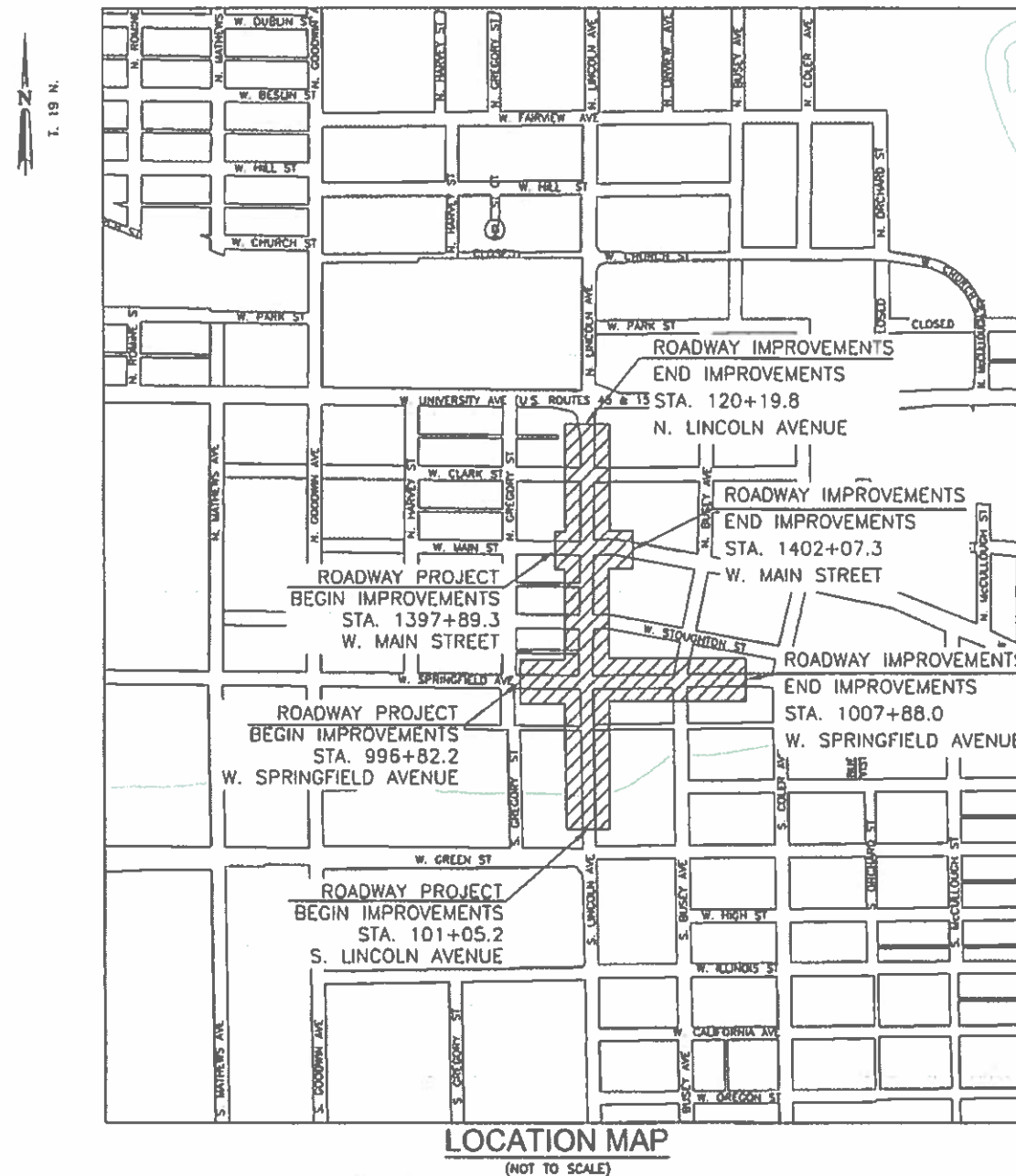
**CITY OF URBANA**








**PLANS FOR PROPOSED  
STREET IMPROVEMENT**

**LINCOLN AVENUE & SPRINGFIELD AVENUE  
RESURFACING PROJECT**

STATE MOTOR FUEL TAX FUNDS  
FAU 7177

**CITY SECTION NO. 17-00592-00-RS**



	
Prepared by <b>CITY OF URBANA</b> <b>PUBLIC WORKS DEPARTMENT</b> <b>ENGINEERING DIVISION</b>	
REVIEWED:	
 Interim City Engineer	 Date 4/26/24
 IDOT Local Roads Engineer	 Date 4/28/24
 IDOT Regional Engineer	 Date 04/29/24

## LINCOLN AVENUE - STA 101+05.2 TO STA 120+19.8

FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL

ADT = 15,400

TOTAL GROSS LENGTH OF PROJECT = 1914.6 FEET = 0.36 MILES

TOTAL NET LENGTH OF PROJECT = 1914.6 FEET = 0.36 MILES

## SPRINGFIELD AVENUE - STA 996+82.2 TO STA 1007+88.0

FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL

$$ADT = 8,700$$

TOTAL GROSS LENGTH OF PROJECT = 1105.8 FEET = 0.21 MILES

TOTAL NET LENGTH OF PROJECT = 1105.8 FEET = 0.21 MILES

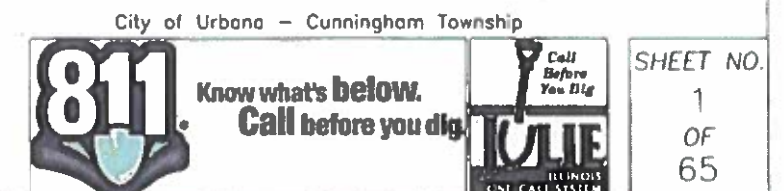
MAIN STREET - STA 1397+89.3 TO STA 1402+07.0

FUNCTIONAL CLASSIFICATION = LOCAL

ADT = 1,500

TOTAL GROSS LENGTH OF PROJECT = 417.7 FEET  $\approx$  0.08 MILES

TOTAL NET LENGTH OF PROJECT = 417.7 FEET = 0.08 MILES



APR 26, 2021 10:04AM GENERAL NOTES.DWG

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE REFERRED TO THE N.G.V.D. 88 DATUM.
2. WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED ON APRIL 1, 2016.
3. WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS FOR WATER MAIN AND SEWER CONSTRUCTION" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR WATER MAIN AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AS PREPARED BY I.S.P.E., A.G.C.I., I.M.L., AND U.C.A., ADOPTED JULY 2014.
4. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE HIGHWAY STANDARDS AND LEGEND SHEET.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
6. THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE AND LOCAL REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
7. THE CONTRACTOR SHALL TAKE CARE NOT TO STORE OR DISPOSE OF DEBRIS OR UNSUITABLE MATERIALS WITHIN LIMITS OF THE IMPROVEMENT AND TAKE CARE TO LIMIT CONSTRUCTION TO WITHIN THE RIGHT-OF-WAY AND EASEMENT AREAS. UNNECESSARY ENCROACHMENTS ONTO PRIVATE OR PUBLIC AREAS WILL NOT BE ALLOWED.
8. WHERE SECTION OR SUBSECTION MONUMENTS, BENCHMARKS, OR IRON PIPE MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN ILLINOIS REGISTERED LAND SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN ILLINOIS REGISTERED LAND SURVEYOR RE-ESTABLISH ANY MONUMENTS UNNECESSARILY DESTROYED BY HIS OPERATIONS.
9. ALL STREET RETURNS HAVE RADII DESIGNATED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLANS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF THE SITE PRIOR TO FINAL ACCEPTANCE IN ACCORDANCE WITH ARTICLE 104.06 OF THE STANDARD SPECIFICATIONS, THIS WORK SHALL ALSO INCLUDE CLEANING ALL DRAINAGE FACILITIES OF FOREIGN MATERIALS.

UTILITIES

11. UTILITIES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED AND THEIR ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. NO RESPONSIBILITY IS ACCEPTED FOR THE LOCATIONS AS SHOWN OR THAT ALL LINES ARE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATION AND TO PROTECT THE SAME.
12. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
14. UTILITY COMPANIES LOCATED ALONG THIS SECTION. THOSE MARKED WITH "\*" BELONG TO J.U.L.I.E.

\*ILLINOIS AMERICAN WATER (WATER)

\*AT&T (COMMUNICATIONS)

\*I3 BROADBAND (UC2B)

\*URBANA CHAMPAIGN SANITARY DISTRICT (SANITARY SEWER INTERCEPTORS)

\*CITY OF URBANA (STORM AND SANITARY SEWERS, STREETLIGHTS, TRAFFIC SIGNALS)

\*AMEREN ILLINOIS (ELECTRIC AND GAS)

\*PAETEC (COMMUNICATIONS)

\*COMCAST (COMMUNICATIONS)
15. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO OVERALL CONSTRUCTION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TRAFFIC CONTROL

16. TRAFFIC CONTROL AND PROTECTION AS DETAILED HEREIN WILL BE PAID AT THE CONTRACT LUMP SUM PRICE FOR "TRAFFIC CONTROL PROTECTION, (SPECIAL)".
17. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF THE STANDARD SPECIFICATIONS, THE APPLICABLE GUIDELINES CONTAINED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE SPECIAL PROVISIONS, THESE PLANS AND HIGHWAY STANDARDS.
18. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AND OPERATIONAL FIVE DAYS PRIOR TO THE START OF ROAD CLOSURE TO ALERT THE PUBLIC OF THE UPCOMING START OF CONSTRUCTION. THE CONTRACTOR SHALL INSPECT THE MESSAGE SIGNS BY 8:00 A.M. EACH DAY TO ENSURE THAT THE SIGNS ARE FULLY OPERATIONAL AND IN PROPER WORKING ORDER. THE SIGNS SHALL BE REMOVED AT THE START OF CONSTRUCTION. PAYMENT FOR CHANGEABLE MESSAGE SIGNS AND DAILY INSPECTION OF THE SIGNS SHALL BE INCLUDED IN THE COST OF ""TRAFFIC CONTROL PROTECTION, (SPECIAL)"" WITH NO ADDITIONAL COMPENSATION ALLOWED.
19. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ANY COMMERCIAL AND PRIVATE ENTRANCES WITHIN THE PROJECT LIMITS. ACCESS SHALL BE MAINTAINED BY CONSTRUCTING ENTRANCES IN HALF WIDTHS OR OTHER MEANS APPROVED BY THE ENGINEER.
20. FURNISHING, PLACING, MAINTAINING, AND REMOVING ALL AGGREGATE AND HOTMIX ASPHALT THAT IS USED TO TEMPORARILY FILL ANY VOIDS OR TO PROVIDE TEMPORARY ACCESS FOR VEHICLES OF PEDESTRIANS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE:PER TON FOR

- A. AGGREGATE FOR TEMPORARY ACCESS
- B. PER TON FOR INCIDENTAL HOT-MIX ASPHALT (AT ENGINEER'S APPROVAL)
- C. PER TON FOR HOT-MIX ASPHALT RAMPS BEYOND THOSE ALREADY INCLUDED (AT ENGINEER'S APPROVAL)
- TYPICAL THICKNESS OF TEMPORARY ITEMS:
- A. AGGREGATE FOR TEMPORARY ACCESS = 8"
- B. INCIDENTAL HOT MIX ASPHALT SURFACING = 8"
21. TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL SECTIONS OF THE ROADWAY ARE SUBSTANTIALLY COMPLETE. TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
22. THE CONTRACTOR SHALL COVER OR REMOVE EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE "NO PARKING" SIGNS ALONG THE CORRIDOR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE ALL SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS AND ADDITIONAL SIGNS AS REQUIRED BY THE LISTED HIGHWAY STANDARDS OR AS DIRECTED BY THE ENGINEER. THE PROPOSED TRAFFIC CONTROL SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 701901, THE DETAILS IN THE PLANS, AND AS DIRECTED BY THE ENGINEER.
23. FLASHING LIGHTS SHALL BE PLACED ON ALL TYPE III BARRICADES IN ACCORDANCE WITH STANDARD 701901 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STEADY BURN LIGHTS SHALL BE PLACED ON ALL DRUMS AND BARRICADES (EXCEPT TYPE III BARRICADES) IN ACCORDANCE WITH STANDARD 701901 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
24. TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE STANDARD MAY BE REQUIRED AS DIRECTED BY THE ENGINEER. THE ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE LUMP SUM PRICE OF TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
25. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE II BARRICADE USED (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL) AND A MINIMUM OF FOUR (4) WEIGHTED SAND BAGS ON EACH TYPE III BARRICADE USED. ALTERNATE WEIGHTING SYSTEMS MAY BE USED AT THE APPROVAL OF THE ENGINEER.
26. THE CITY OF URBANA SHALL BE RESPONSIBLE FOR NOTIFYING THE PUBLIC, THE UNITED STATES POSTAL SERVICE, THE CHAMPAIGN-URBANA MASS TRANSIT DISTRICT, AND THE EMERGENCY SERVICE AGENCIES OF ALL ROAD CLOSURES AND CHANGES TO TRAFFIC CONTROL PLANS.
27. THE WORK ZONES SHOWN ON THE TRAFFIC CONTROL PLANS AND THE PLACEMENT OF SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES DEPICTED HERON ARE SCHEMATIC IN NATURE. FOR SPECIFIC INSTRUCTIONS ON THE INCLUSION OF SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES FOR INDIVIDUAL WORK ZONES, AND THE PLACEMENT THEREOF, REFER TO THE TRAFFIC CONTROL STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE TECHNICAL SPECIFICATIONS.
28. THE INITIAL TRAFFIC CONTROL SETUP AND SUBSEQUENT CHANGES BETWEEN TRAFFIC CONTROL STAGES SHALL BE PERFORMED DURING NON-PEAK TRAFFIC HOURS AS DIRECTED BY THE ENGINEER. FLAGGERS MAY BE REQUIRED DURING INITIAL SET UP AND SUBSEQUENT CHANGES OF THE TRAFFIC CONTROL DEVICES AS DIRECTED BY THE ENGINEER.
29. ONE LANE OF TRAFFIC MUST BE MAINTAINED IN EACH DIRECTION AT ALL TIMES. DURING WORKING HOURS, AT THE APPROVAL OF THE ENGINEER, FLAGGERS MAY BE USED TO DIRECT TRAFFIC AROUND CONSTRUCTION IF LANES NEED TO BE TEMPORARILY LIMITED. THIS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITION COMPENSATION WILL BE ALLOWED.
30. PROPER DRAINAGE SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THIS WORK AND ANY CONSTRUCTION TECHNIQUES NECESSARY TO ENSURE PROPER DRAINAGE IS MAINTAINED AT ALL TIMES. THE COST OF ALL LABOR, EQUIPMENT AND MATERIALS TO MAINTAIN PROPER DRAINAGE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE MISCELLANEOUS PAY ITEMS INVOLVED.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL SURVEILLANCE FOR THIS PROJECT. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AT ALL TIMES INCLUDING NIGHTTIME, WEEKENDS, WINTER SHUT-DOWN PERIOD AND ANY TIME WORKERS ARE NOT PRESENT. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE COST OF ALL LABOR AND MATERIALS FOR THE SURVEILLANCE AND MAINTENANCE OF TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL PROTECTION, (SPECIAL)".
32. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
33. THE CITY OF URBANA SHALL BE RESPONSIBLE FOR NOTIFYING THE PUBLIC, THE UNITED STATES POSTAL SERVICE, AND THE EMERGENCY SERVICE AGENCIES OF ALL ROAD CLOSURES AND CHANGES IN THE TRAFFIC MAINTENANCE PLANS. THE CONTRACTOR SHALL NOTIFY THE CITY OF URBANA OF ALL ROAD CLOSURES AND CHANGES IN THE TRAFFIC MAINTENANCE PLANS A MINIMUM OF 48 HOURS IN ADVANCE.
34. EXISTING TRAFFIC CONTROL SIGNS AND POSTS SHALL BE REMOVED AND RESET, AS THE CASE MAY BE, AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. EXISTING SIGNS THAT WILL NOT BE RESET AS DIRECTED BY THE ENGINEER SHALL BE RETURNED TO THE CITY OF URBANA'S PUBLIC WORKS GARAGE AT 706 S. GLOVER AVENUE. REMOVAL AND RE-INSTALLATION OF ALL EXISTING SIGNAGE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
35. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

PEDESTRIAN TRAFFIC CONTROL

36. CONTRACTOR SHALL SUBMIT A PEDESTRIAN ACCESS ROUTE PLAN, MEETING THE CRITERIA LISTED BELOW, TO THE ENGINEER FOR APPROVAL NO LESS THAN 2 WEEKS PRIOR TO THE START OF ANY STAGE.
37. THE CONTRACTOR SHALL MAINTAIN A CONTINUOUS PEDESTRIAN ZONE (4' MINIMUM, BUT 5' PREFERRED) ALONG LINCOLN AVENUE, SPRINGFIELD AVENUE, AND ANY CROSS STREETS. ANY SIDEWALK DETOURS MUST BE CLEARLY MARKED USING SIGNS AND BARRICADES NOTIFYING THE PEDESTRIANS OF THE CLOSURE. THE SIDEWALK MAY ONLY BE DETOURED FROM ONE SIDE OF THE STREET AT A TIME.
38. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS (MIN 4', PREFERRED 5') TO ADJACENT PROPERTIES (WHERE APPLICABLE) BY INSTALLING ADA/PROWAG COMPLIANT PLYWOOD WALKWAYS OR APPROVED EQUIVALENT. PEDESTRIAN ACCESS TO ADJACENT PROPERTIES SHALL BE UNINTERRUPTED UNTIL THE WALKWAY IS FULLY RESTORED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SIGNAGE AND OTHER ITEMS TO ENSURE SAFE PEDESTRIAN ACCESS. THE COST OF THE WALKWAYS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
39. USE ONE "PEDESTRIAN WALKWAY (ARROW)" (BLACK LEGEND ON WHITE REFLECTORIZED BACKGROUND) SIGN AT EACH END OF EACH SIDEWALK SECTION BEING RECONSTRUCTED.
40. AT EACH POINT OF CLOSURE, SUFFICIENT NUMBERS OF BARRICADES MUST BE USED TO COMPLETELY CLOSE THE PATHWAY.
41. PEDESTRIAN WALKWAYS MUST BE MAINTAINED FREE OF ANY OBSTRUCTIONS AND HAZARDS SUCH AS HOLES, DEBRIS, MUD, CONSTRUCTION EQUIPMENT, STORED MATERIALS, ETC. AND MUST BE BROOM SWEEP DAILY OR AS DIRECTED BY THE ENGINEER. TEMPORARY ACCESS MUST CONSIST OF AN ALL WEATHER SURFACE.
42. ALL HAZARDS NEAR OR ADJACENT TO WALKWAYS MUST BE CLEARLY DELINEATED.
43. THE CONTRACTOR MUST MAINTAIN DISABLED PERSON PEDESTRIAN ACCESS TO CROSSWALKS ACROSS LINCOLN AVENUE, SPRINGFIELD AVENUE, AND SIDE STREETS AT ALL TIMES VIA ADA/PROWAG COMPLIANT WOOD FRAME CONSTRUCTED WALKWAYS AND RAMPS OR AN APPROVED EQUIVALENT (AS APPLICABLE TO SUBMITTED PEDESTRIAN ACCESS PLAN).
44. ADA/PROWAG COMPLIANT ACCESS MUST ALSO BE COORDINATED AND MAINTAINED TO ALL BUILDINGS WITHIN THE WORK ZONE. ONE POINT OF COMPLIANT ACCESS MUST BE MAINTAINED AT ALL TIMES, AND THESE ACCESSES MUST BE OBSERVED AND PROTECTED BY THE CONTRACTOR AT ALL TIMES, THE COST OF THE WALKWAYS AND RAMPS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITION COMPENSATION WILL BE ALLOWED.

PAVEMENTS – CURB & GUTTERS – SIDEWALKS

45. PAVEMENT CORE INFORMATION CAN BE FOUND IN THE PROPOSAL BOOKLET IF APPLICABLE. SOIL BORING AND ENVIRONMENTAL STUDIES MAY BE PROVIDED UPON REQUEST.
46. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
47. WHERE THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER JOINS THE EXISTING CURB AND GUTTER, A TRANSITION BETWEEN THE TWO CONFIGURATIONS MAY BE REQUIRED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR CURB AND GUTTER OF THE SIZE AND TYPE SPECIFIED IN THE PLANS.
48. EXISTING PAVEMENTS, CURBS AND GUTTERS, AND SIDEWALKS IN WHICH THE TOP SURFACE IS TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTURES AS DIRECTED BY THE ENGINEER.
49. THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

TACK COAT (MILLED HMA & CONC.)

TACK COAT (NEW HMA & BRICK)

PRIME COAT

BITUMINOUS CONCRETE (ALL TYPES)

AGGREGATE MATERIALS

0.05 LB/SQ FT

0.025 LB/SQ FT

0.25 LB/SQ FT

112 LBS/SQ YD/INCH THICK


2.05 TON/CU YD

TREE PROTECTION

50. THE CONTRACTOR SHALL CAREFULLY PROTECT ANY TREES OR SHRUBS NOT INCLUDED IN THE CONTRACT FOR REMOVAL. TEMPORARY FENCE SHALL BE ERCTED, AT THE DIRECTION OF THE ENGINEER, TO PROTECT TREES AND SHRUBS TO REMAIN, THAT ARE IMMEDIATELY ADJACENT TO THE WORK, FOR PROTECTION DURING CONSTRUCTION OPERATIONS. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO OVERALL CONSTRUCTION WITH NO ADDITIONAL COMPENSATION ALLOWED.

LANDSCAPING – EROSION CONTROL

51. THE FINISHED EARTHWORK SHALL HAVE VEGETATIVE SUSTAINING SOIL COVERING THE TOP 4 INCHES IN AREAS TO BE SODDED OR SEEDED. THE TOPSOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEM FOR SIDEWALK REMOVAL.
52. ALL DISTURBED AREAS SHALL BE SODDED OR SEEDED AS SHOWN ON THE PLANS. SEEDING, SODDING, AND MULCHING SHALL BE PERFORMED AS SOON AS EACH STAGE IS COMPLETED AS DIRECTED BY THE ENGINEER. EXISTING TURF WHICH IS DAMAGED OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REESTABLISHED WITH SOD OR SEED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
53. THE CONTRACTOR SHALL PROVIDE A CONCRETE WASHOUT FACILITY FOR THE PROJECT. SEE THE MISCELLANEOUS DETAILS SHEETS FOR THE CONCRETE WASHOUT DETAIL. LOCATION AND TYPE OF THE FACILITY SHALL BE APPROVED BY THE ENGINEER. THIS COST OF MATERIAL, INSTALLATION, MAINTENANCE AND REMOVAL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO OVERALL CONSTRUCTION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26

DRAWN BY: CTH

DESIGNED BY: SLB







CHECKED BY: TAC

CITY SECTION

17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
GENERAL NOTES

SHEET NO.  
2  
OF  
65

LEGEND	
EXISTING (EX)	PROPOSED (PR)
	
	
	
<u>ALIGNMENT ITEMS</u>	
CENTERLINE OR BASELINE	
PI INDICATOR	
POINT INDICATOR	
<u>BOUNDARY/RIGHT OF WAY /SURVEY ITEMS</u>	
EASEMENT	
PROPERTY LINE	
ROW LINE	
SECTION LINE	
IRON PIN OR PIPE	
PK NAIL	
ROW MARKER	
SURVEY CONTROL POINT	
SURVEY MARKER OR MONUMENT	
OR BENCHMARK	
WITNESS CORNER	
<u>DRAINAGE ITEMS</u>	
DITCH	
SURFACE FLOW	
STORM SEWER LINE	
UNDERDRAIN	
FLARED END SECTION	
STORM SEWER INLET	
STORM SEWER MANHOLE	
<u>EROSION CONTROL ITEMS</u>	
PERIMETER EROSION BARRIER	
INLET AND PIPE PROTECTION	
TEMPORARY DITCH CHECK	
<u>LIGHTING ITEMS</u>	
CONTROLLER	
FLOOD LIGHT	
LIGHT POLE	
STREET LIGHT	
STREET LIGHT DAVIT ARM	
<u>PAVEMENT/SOIL ITEMS</u>	
PAVEMENT CORE	
SOIL BORING	
<u>TOPOGRAPHY ITEMS</u>	
CONSTRUCTION LIMITS	
FENCE	
TEMPORARY FENCE	
DELINEATOR	
DOWNSPOUT	
FLAG POLE	
GAS TANK FILLER CAP	
FIELD TILE INSPECTION WELL	
MAILBOX	
PARKING METER	
PRIVATE OR NON-TRAFFIC SIGN	
POST OR FENCE POST	
SATELITE DISH	
SPRINKLER CONTROL BOX	
SPRINKLER HEAD	
STREET NAME SIGN	
TRAFFIC SIGN	
VENT PIPE	
<u>LANDSCAPE ITEMS</u>	
BUSH OR TREE LINE	
BUSH OR SHRUB	
CONIFEROUS TREE	
DECIDUOUS TREE	
TREE STUMP	
<u>TRAFFIC SIGNAL ITEMS</u>	
CONTROLLER	
HANDHOLE	
JUNCTION BOX	
TRAFFIC SIGNAL POST	
TRAFFIC SIGNAL MAST ARM	
<u>UTILITY ITEMS</u>	
CABLE TV LINE--OVERHEAD	
CABLE TV LINE--UNDERGROUND	
ELECTRIC LINE--OVERHEAD	
ELECTRIC LINE--UNDERGROUND	
FIBER OPTIC LINE--OVERHEAD	
FIBER OPTIC LINE--UNDERGROUND	
GAS LINE	
SANITARY FORCEMAIN	
SANITARY LINE	
TELEPHONE LINE--OVERHEAD	
TELEPHONE LINE--UNDERGROUND	
WATER LINE	
CABLE TV BOX OR PEDESTAL	
ELECTRIC BOX	
ELECTRIC METER	
ELECTRIC MANHOLE	
GUY POLE	
GUY WIRE	
POWER POLE	
POWER POLE WITH TRANSFORMER	
GAS METER	
GAS REGULATOR	
GAS SHUTOFF	
GAS VALVE	
SANITARY CLEANOUT	
SANITARY MANHOLE	
TELEPHONE BOX OR PEDESTAL	
TELEPHONE MANHOLE	
TELEPHONE POLE	
UTILITY WARNING SIGN	
FIRE HYDRANT	
WATER MANHOLE	
WATER METER	
WATER SHUTOFF OR CURB STOP	
WATER VALVE	
VALVE VAULT	



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
LEGEND

SHEET NO.  
3  
OF  
65

APR 26 2021 10:11AM SUMMARY OF QUANTITIES.DWG

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES						SUMMARY OF QUANTITIES						SUMMARY OF QUANTITIES					
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% SMFT FUNDS	UTILITY QUANTITY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% LOCAL SMFT FUNDS	UTILITY QUANTITY	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% LOCAL SMFT FUNDS	UTILITY QUANTITY
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18		44201381	CLASS C PATCHES, TYPE III, 12 INCH	SQ YD	33	33		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7392	7392	
20800150	TRENCH BACKFILL	CU YD	19	19		44201383	CLASS C PATCHES, TYPE IV, 12 INCH	SQ YD	141	141		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	558	558	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1261	1261		550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	177	177		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	570	570	
25200110	SODDING, SALT TOLERANT	SQ YD	1261	1261		60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	239	239	
25200200	SUPPLEMENTAL WATERING	UNIT	13	13		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	199	199	
28000510	INLET FILTERS	EACH	21	21		60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2		81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	7	7	7
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	78	78		60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6	6		81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	736	736	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7789	7789		60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	4	4		84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2	2	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3851	3851		60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3	3	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	608	608	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	15	15		60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1		87600200	PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	8	8	
40600990	TEMPORARY RAMP	SQ YD	954	954		60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	4		87900200	DRILL EXISTING HANDHOLE	EACH	7	7	
40603218	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1654	1654		60266800	VALVE BOXES TO BE ADJUSTED	EACH	7	7	7	88600100	DETECTOR LOOP, TYPE I	FOOT	754	754	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1758	1758		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	44	44	44	* URB00001	SANITARY MANHOLE REMOVAL AND REPLACEMENT	EACH	1	1	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING, 9 INCH	TON	20	20		60500060	REMOVING INLETS	EACH	5	5		* URB00002	BRICK PAVEMENT REMOVAL AND SALVAGE	SQ FT	1277	1277	
42300200	PORLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	146	146		60600605	CONCRETE CURB, TYPE B	FOOT	102	102		* URB00003	BRICK PAVEMENT	SQ FT	975	975	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	223	223		60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	329.5	329.5		* X0326863	BRICK SIDEWALK	SQ FT	1085	1085	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	19434	19434		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2973	2973.0		* X0326864	BRICK SIDEWALK REMOVAL	SQ FT	1125	1125	
42400800	DETECTABLE WARNINGS	SQ FT	533	533		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	501	501		* X1400235	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1	1	
44000100	PAVEMENT REMOVAL	SQ YD	994	994		* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	147	147		* X5510100	STORM SEWER REMOVAL	FOOT	86	86	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	196	196		* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		* X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	8	8	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	4274	4274		* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		* X6026624	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	20	20	20
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	1832	1832		* 66901006	REGULATED SUBSTANCES MONITORING	DAYS	4	4		* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	8127	8127		* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	7392	7392	
44000166	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4"	SQ YD	2538	2538		70300100	SHORT TERM PAVEMENT MARKING	FOOT	16983	16983		* X8130120	RELOCATE EXISTING JUNCTION BOX	EACH	1	1	1
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	351	351		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5661	5661		* X8130130	JUNCTION BOXES TO BE ADJUSTED (SPECIAL)	EACH	7	7	7
44000300	CURB REMOVAL	FOOT	331	331		72000100	SIGN PANEL - TYPE 1	SQ FT	238	238		* X8140115	HANDHOLE TO BE ADJUSTED	EACH	12	12	12
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2894	2894		72000200	SIGN PANEL - TYPE 2	SQ FT	62	62		* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	8	
44000600	SIDEWALK REMOVAL	SQ FT	16194	16194		72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	60	60		* Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
44003100	MEDIAN REMOVAL	SQ FT	125	125		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	8		* Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	6196	6196	
44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	43	43		72900100	METAL POST - TYPE A	FOOT	161	161		* Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	27	27	
44201345	CLASS C PATCHES, TYPE III, 9 INCH	SQ YD	40	40		72900200	METAL POST - TYPE B	FOOT	231	231		* Z0070200	SURVEY MONUMENTS	EACH	1	1	
44201377	CLASS C PATCHES, TYPE II, 12 INCH	SQ YD	110	110		78000100	THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	494	494		* Z0070202	SURVEY MARKER VAULT	EACH	1	1	
* = SEE SPECIAL PROVISIONS, SMFT = STATE MOTOR FUEL TAX																	



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LINCOLN & SPRINGFIELD RESURFACING  
SUMMARY OF QUANTITIES

SHEET NO.  
4  
OF  
65



TREE REMOVAL (OVER 15 UNITS DIAMETER) ITEM NO. 20100210	
LOCATION	DIAMETER (INCH)
STA 1398+78.6, RT	18.0
USE TOTALS	18.0

TRENCH BACKFILL ITEM NO. 20800150	
LOCATION	CU YD
1 - 2, STA 110+65.2 TO 110+73.5, LT	0.2
7 - 9, STA 110+68.7 TO 110+73.0, RT	3.7
17 - 18, STA 114+01.1 TO 114+14.0, RT	1.2
18 - 21, STA 114+14.0 TO 114+19.2, RT	2.5
21 - 22, STA 114+19.2 TO 114+42.7, RT	2.7
23 - 25, STA 117+67.3 TO 117+64.1, LT	6.0
28 - 29, STA 117+51.2 TO 117+42.4, LT	1.6
31 - 32, STA 117+48.6 TO 117+42.3, RT	0.7
USE TOTALS	19

EARTHWORK SUMMARY			
LOCATION	ITEM NO. 21101615	ITEM NO. 25200110	ITEM NO. 25200200
	TOPSOIL FURNISH AND PLACE, 4"	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING
	SQ YD	SQ YD	UNIT
LINCOLN AVENUE			
STA 113+59.4, RT	20.11	20.11	0.20
STA 114+63.9, RT	19.91	19.91	0.20
STA 116+92.9, RT	25.06	25.06	0.25
SPRINGFIELD AVENUE			
STA 997+10.8, LT	3.10	3.10	0.03
STA 997+67.5, LT	1.41	1.41	0.01
STA 1002+93.9, LT	1.46	1.46	0.01
STA 1003+75.3, RT	9.93	9.93	0.10
STA 1003+91.8, LT	7.71	7.71	0.08
STA 1004+02.1, RT	4.82	4.82	0.05
STA 1004+14.5, RT	6.39	6.39	0.06
STA 1004+15.5, LT	13.36	13.36	0.13
STA 1004+57.2, RT	6.64	6.64	0.07
STA 1004+60.3, RT	2.41	2.41	0.02
STA 1004+73.2, RT	4.64	4.64	0.05
STA 1004+97.8, RT	2.67	2.67	0.03
STOUGHTON STREET			
STA 1198+81.4, RT	5.76	5.76	0.06
STA 1199+07.4, RT	90.16	90.16	0.90
STA 1199+19.3, LT	19.27	19.27	0.19
STA 1199+28.8, LT	5.16	5.16	0.05
STA 1199+56.9, RT	22.88	22.88	0.23
STA 1199+57.4, LT	7.24	7.24	0.07
STA 1200+37.6, LT	8.96	8.96	0.09
STA 1200+44.8, RT	9.14	9.14	0.09
STA 1200+44.3, RT	46.70	46.70	0.47
MAIN STREET			
STA 1397+89.3, RT	7.73	7.73	0.08
STA 1397+89.3, LT	43.34	43.34	0.43
STA 1398+09.9, RT	93.66	93.66	0.94
STA 1398+61.1, LT	30.87	30.87	0.31
STA 1398+67.4, RT	32.18	32.18	0.32
STA 1399+17.3, RT	47.74	47.74	0.48
STA 1399+27.8, LT	32.76	32.76	0.33
STA 1399+27.8, LT	13.34	13.34	0.13
STA 1399+47.7, RT	11.92	11.92	0.12
STA 1399+63.0, RT	5.01	5.01	0.05
STA 1399+63.1, LT	2.27	2.27	0.02
STA 1399+66.8, LT	17.63	17.63	0.18
STA 1399+67.4, RT	7.58	7.58	0.08
STA 1400+27.7, LT	8.20	8.20	0.08
STA 1400+28.3, RT	8.21	8.21	0.08
STA 1400+32.1, RT	6.01	6.01	0.06
STA 1400+38.4, RT	12.69	12.69	0.13
STA 1400+41.7, LT	7.14	7.14	0.07
STA 1400+48.1, RT	29.19	29.19	0.29
STA 1400+48.1, LT	40.53	40.53	0.41
STA 1400+72.2, LT	12.20	12.20	0.12
STA 1400+72.3, RT	2.43	2.43	0.02
STA 1401+02.9, RT	1.01	1.01	0.01
STA 1401+03.1, RT	4.82	4.82	0.05
STA 1401+04.9, RT	0.80	0.80	0.01
STA 1401+08.3, LT	58.22	58.22	0.58
STA 1401+10.4, LT	3.41	3.41	0.03
STA 1401+24.2, RT	96.77	96.77	0.97
STA 1401+26.3, RT	4.38	4.38	0.04
STA 1401+60.2, LT	35.01	35.01	0.35
STA 1401+93.7, RT	18.53	18.53	0.19
CLARK STREET			
STA 1599+11.5, RT	43.28	43.28	0.43
STA 1599+37.0, LT	14.79	14.79	0.15
STA 1599+50.8, RT	1.73	1.73	0.02
STA 1599+53.0, LT	6.34	6.34	0.06
STA 1599+53.0, RT	30.68	30.68	0.31
STA 1599+67.7, RT	9.71	9.71	0.10
STA 1600+28.0, LT	16.66	16.66	0.17
STA 1600+28.1, RT	5.74	5.74	0.06
STA 1600+28.9, RT	14.77	14.77	0.15
STA 1600+46.5, RT	47.52	47.52	0.48
STA 1600+46.5, LT	28.36	28.36	0.28
USE TOTALS	1,261	1,261	13

SCHEDULE OF QUANTITIES

INLET FILTERS ITEM NO. 28000510	
LOCATION	EACH
SPRINGFIELD AVENUE	
STA 1004+23.9, LT	1.0
STA 1004+25.4, RT	1.0
STA 1004+62.7, RT	1.0
STOUGHTON STREET	
STA 1199+66.0, LT	1.0
STA 1199+68.4, RT	1.0
STA 1200+35.3, RT	1.0
STA 1200+36.7, LT	1.0
STA 1200+87.7, RT	1.0
MAIN STREET	
STA 1398+59.2, RT	1.0
STA 1399+65.9, RT	1.0
STA 1399+68.03, LT	1.0
STA 1399+74.5, RT	1.0
STA 1400+37.0, RT	1.0
STA 1400+56.2, LT	1.0
STA 1400+56.2, RT	1.0
CLARK STREET	
STA 1599+19.0, RT	1.0
STA 1599+54.9, LT	1.0
STA 1599+61.0, RT	1.0
STA 1599+71.9, RT	1.0
STA 1599+72.6, RT	1.0
STA 1600+27.3, RT	1.0
USE TOTALS	21

AGGREGATE SURFACE COURSE, TYPE B ITEM NO. 40200800	
LOCATION	TON
201 S LINCOLN AVE	38.4
816 W MAIN ST	21.6
901 W MAIN ST	6.0
903 W MAIN ST	6.0
905 W MAIN ST	6.0
USE TOTALS	78

BITUMINOUS MATERIALS (PRIME COAT) ITEM NO. 40600275	
LOCATION	POUND
LINCOLN AVENUE	
STA 101+05.2 TO 102+55.8	403.0
STA 102+55.8 TO 102+89.5	88.1
STA 102+89.5 TO 120+19.8	4395.8
SPRINGFIELD AVENUE	
STA 997+14.6 TO 999+73.1	652.1
STA 1004+14.6 TO 1007+88.0	1504.5
STOUGHTON STREET	
STA 1198+81.5 TO 1199+73.9	105.6
STA 1200+27.0 TO 1200+91.3	76.5
MAIN STREET	
1397+89.3 TO 1399+73.9	229.0
1400+26.1 TO 1400+85.7	78.9
1400+85.7 TO 1401+95.2	154.4
CLARK STREET	
1599+38.1 TO 1599+74.0	54.6
1600+26.6 TO 1600+59.4	45.7
USE TOTALS	7,789.0

BITUMINOUS MATERIALS (TACK COAT) ITEM NO. 40600290	
LOCATION	POUND
LINCOLN AVENUE	
STA 101+05.2 TO 102+55.8	201.5
STA 102+89.5 TO 120+19.8	2197.9
SPRINGFIELD AVENUE	
STA 997+14.6 TO 999+73.1	326.1
STA 1004+14.6 TO 1007+88.0	752.2
STOUGHTON STREET	
STA 1198+81.5 TO 1199+73.9	52.8
STA 1200+27.0 TO 1200+91.3	38.2
MAIN STREET	
1397+89.3 TO 1399+73.9	114.5
1400+26.1 TO 1400+85.7	39.5
1400+85.7 TO 1401+95.2	77.2
CLARK STREET	
1599+38.1 TO 1599+74.0	27.3
1600+26.6 TO 1600+59.4	22.8
USE TOTALS	3,851

MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS ITEM NO. 40600400	
LOCATION	TON
LINCOLN AVENUE	
STA 101+05.2 TO 102+55.8	1
STA 102+55.8 TO 102+89.5	1
STA 102+89.5 TO 120+19.8	4
SPRINGFIELD AVENUE	
STA 997+14.6 TO 999+73.11	1
STA 1004+14.6 TO 1007+88.0	2
STOUGHTON STREET	
STA 1198+81.5 TO 1199+73.9	1
STA 1200+27.0 TO 1200+91.3	1
MAIN STREET	
STA 1397+89.3 TO 1399+73.9	1
STA 1400+26.1 TO 1400+85.7	1
CLARK STREET	
STA 1599+38.1 TO 1599+74.0	1
STA 1600+26.6 TO 1600+59.4	1
USE TOTALS	15

TEMPORARY RAMP ITEM NO. 40600990	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 101+04.9, CL	78.5
STA 101+04.9, CL	54.8
STA 401+06.0, RT	76.1
STA 101+79.4, LT	38.8
STA 102+29.2, RT	20.1
STA 103+85.9, LT	29.9
STA 104+52.3, RT	47.0
STA 105+77.5, LT	82.2
STA 105+78.7, RT	46.4
STA 106+54.0, LT	30.5
STA 106+54.3, RT	58.2
STA 109+27.9, LT	53.8
STA 109+43.1, RT	40.7
STA 111+78.8, RT	27.6
STA 111+93.3, LT	45.6
STA 112+08.2, RT	24.3
STA 112+40.7, LT	32.9
STA 116+01.6, RT	29.5
STA 118+67.4, RT	17.2
STA 119+37.4, RT	34.2
STA 120+19.8, CL	84.9
USE TOTALS	954

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 ITEM NO. 40603218	
LOCATION	TON
LINCOLN AVENUE	
STA 101+05.2 TO 102+55.8	100.3
STA 102+89.5 TO 105+81.6	186.6
STA 105+81.6 TO 107+46.7	122.1
STA 107+46.7 TO 117+49.4	623.3
STA 117+49.4 TO 120+19.8	197.6
SPRINGFIELD AVENUE	
STA 997+14.6 TO 999+73.1	60.9
STA 1000+28.5 TO 1004+14.6	128.2
STA 1004+14.6 TO 1007+88.0	63.5
STOUGHTON STREET	
STA 1198+81.5 TO 1199+73.9	9.9
STA 1200+27.0 TO 1200+91.3	7.1
MAIN STREET	
STA 1397+89.3 TO 1399+48.9	70.1
STA 1399+48.9 TO 1399+73.9	6.2
STA 1400+26.1 TO 1400+50.0	7.4
STA 1400+50.0 TO 1400+85.5	16.1
STA 1400+85.5 TO 1402+07.0	44.9
CLARK STREET	
STA 1599+38.1 TO 1599+74.0	5.1
STA 1600+26.6 TO 1600+59.4	4.3
USE TOTALS	1,654

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-95, MIX "D", N70 ITEM NO. 40604162	
LOCATION	TON
LINCOLN AVENUE	
STA 101+05.2 TO 120+19.8	1216.3
SPRINGFIELD AVENUE	
STA 997+14.6 TO 999+73.1	121.7
STA 1000+28.5 TO 1007+88.0	280.8
STOUGHTON STREET	
STA 1198+81.5 TO 1199+73.9	19.7
STA 1200+27.0 TO 1200+91.3	14.3
MAIN STREET	
STA 1397+89.3 TO 1399+73.9	42.8
STA 1400+26.1 TO 1400+85.7	14.7
STA 1400+85.7 TO 1401+95.2	28.8
CLARK STREET	
STA 1599+38.1 TO 1599+74.0	10.2
STA 1600+26.6 TO 1600+59.4	8.5
USE TOTALS	1,757.8

INCIDENTAL HOT-MIX ASPHALT SURFACING, 9 INCH ITEM NO. 40800050	
LOCATION	TON
STA 109+28.2, LT	15.1
STA 112+46.1, LT	3.9
USE TOTALS	20.0



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SCHEDULE OF QUANTITIES

SHEET NO.  
5  
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SCHEDULE OF QUANTITIES

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH ITEM NO. 42300200	
LOCATION	SQ YD
SPRINGFIELD AVENUE	
STA 1006+81.9, RT	16.4
STA 1007+52.3, RT	26.3
MAIN STREET	
STA 1397+94.8, RT	13.3
STA 1399+01.4, RT	18.5
STA 1400+91.1, LT	17.3
STA 1401+07.7, RT	16.2
STA 1401+48.6, LT	18.4
STA 1401+82.7, RT	18.7
USE TOTALS	146.0

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH ITEM NO. 42300400	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 101+79.4, LT	43.3
STA 102+85.3, LT	16.2
STA 103+93.7, LT	5.9
STA 106+53.9, LT	17.0
STA 111+88.9, LT	4.4
SPRINGFIELD AVENUE	
STA 997+50.4, RT	18.1
STA 1001+23.0, RT	7.4
STA 1002+67.5, RT	3.9
STA 1005+66.8, RT	18.0
STOUGHTON STREET	
STA 1198+87.0, LT	27.2
MAIN STREET	
STA 1398+97.5, LT	35.5
STA 1400+76.3, RT	25.0
USE TOTALS	223.0

PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH ITEM NO. 42400300	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 101+00.2, RT	286.7
STA 101+01.3, LT	632.8
STA 101+80.9, RT	60.0
STA 102+19.8, RT	111.3
STA 102+82.6, LT	313.4
STA 102+83.8, RT	25.6
STA 103+05.9, RT	24.6
STA 103+54.4, LT	369.4
STA 104+42.5, RT	60.0
STA 104+91.7, RT	44.7
STA 105+77.5, LT	77.3
STA 106+06.0, LT	1247.7
STA 107+13.8, RT	916.7
STA 108+33.3, LT	1049.3
STA 108+34.0, RT	383.2
STA 110+38.0, LT	355.2
STA 110+38.4, RT	313.8
STA 111+03.2, RT	105.6
STA 111+03.7, LT	198.5
STA 111+26.6, RT	172.9
STA 111+36.5, LT	2703.3
STA 112+25.8, RT	143.9
STA 113+73.0, RT	995.1
STA 114+59.4, RT	?
STA 114+94.8, RT	16.0
STA 115+05.6, RT	16.0
STA 115+19.8, RT	40.8
STA 115+43.1, LT	176.5
STA 115+45.7, RT	54.8
STA 115+74.0, RT	125.8
STA 116+07.1, LT	142.4
STA 116+38.2, RT	47.5
STA 116+49.1, LT	839.1
STA 116+66.3, RT	15.9
STA 116+87.9, RT	155.9
STA 117+49.8, RT	85.4
STA 117+93.5, RT	62.3
STA 117+94.1, LT	955.6
SPRINGFIELD AVENUE	
STA 996+82.2, RT	240.0
STA 997+12.4, RT	157.1
STA 997+63.3, RT	147.9
STA 997+99.7, LT	159.2
STA 998+47.6, LT	15.5
STA 1001+01.0, LT	232.2
STA 1001+73.1, LT	189.1
STA 1001+93.5, RT	211.5
STA 1002+28.6, LT	238.5
STA 1002+60.5, RT	63.3
STA 1003+05.5, RT	244.5
STA 1003+75.3, RT	357.9
STA 1003+91.4, LT	367.3
STA 1004+60.3, RT	229.9
STA 1004+97.1, RT	16.9
STA 1005+10.1, RT	59.2
STA 1005+43.4, RT	16.3
STA 1005+65.2, RT	150.9
STA 1006+19.4, RT	833.2
MAIN STREET	
STA 1398+28.9, LT	1297.7
STA 1400+31.3, LT	918.9
CLARK STREET	
STA 1600+28.9, RT	48.1
TOTALS	19521.0
DEDUCTIONS	87.0
USE TOTALS	19434.0

DETECTABLE WARNINGS ITEM NO. 42400800		
LOCATION		SQ FT
LINCOLN AVENUE		
STA 105+79.9, 27.8' LT		13.3
STA 106+06.4, 31.8' LT		18.0
STA 107+57.4, 33.8' RT		33.5
STA 107+57.7, 33.0' LT		37.8
STA 108+38.6, 49.4' RT		37.7
STA 108+39.1, 48.7' LT		40.3
STA 110+56.1, 3.8' RT		12.0
STA 110+56.1, 2.8' LT		11.9
STA 110+56.6, 28.0' LT		10.0
STA 110+56.7, 29.4' RT		10.0
STA 113+99.4, 31.1' RT		16.0
STA 113+99.4, 2.7' RT		16.0
STA 113+99.4, 2.6' LT		16.0
STA 113+99.4, 29.0' LT		16.0
STA 114+55.3, 30.9' RT		16.0
STA 114+55.3, 2.7' RT		16.0
STA 114+55.3, 2.7' LT		16.0
STA 114+55.3, 31.1' LT		16.0
STA 117+45.1, 2.7' RT		12.0
STA 117+45.1, 2.7' LT		12.1
STA 117+45.6, 27.7' LT		10.0
SPRINGFIELD AVENUE		
STA 1004+09.8, 16.8' RT		8.2
STA 1004+10.4, 20.3' LT		10.0
STA 1004+25.2, 24.1' LT		8.0
STA 1004+59.6, 22.4' RT		10.0
STA 1004+67.7, 17.2' RT		10.0
STOUGHTON STREET		
STA 1199+51.2, 7.3' RT		10.0
STA 1199+51.2, 18.6' LT		10.0
STA 1200+39.3, 14.6' RT		10.0
STA 1200+39.3, 15.1' LT		10.0
MAIN STREET		
STA 1399+57.0, 14.4' RT		10.0
STA 1399+57.0, 16.6' LT		10.0
STA 1400+42.6, 14.3' RT		10.0
STA 1400+42.6, 14.1' LT		10.0
CLARK STREET		
STA 1599+47.5, 7.4' RT		10.0
STA 1599+47.5, 19.6' LT		10.0
USE TOTALS		533.0

PAVEMENT REMOVAL ITEM NO. 424000100	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 110+27.4, LT	42.8
STA 110+38.4, RT	30.4
STA 110+38.8, LT	80.3
STA 113+59.4, RT	28.8
STA 113+75.2, LT	177.3
STA 113+81.3, RT	169.5
STA 114+47.6, LT	28.9
STA 114+86.6, LT	154.9
STA 114+87.0, RT	144.2
STA 116+92.2, LT	29.8
STA 117+29.0, RT	40.0
STA 117+34.4, LT	48.1
STA 118+27.7, RT	18.8
USE TOTALS	994.0

HOT-MIX ASPHALT SURFACE REMOVAL, 2" ITEM NO. 44000157	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 102+55.8 TO 102+89.5	195.8
USE TOTALS	196

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" ITEM NO. 44000158	
LOCATION	SQ YD
SPRINGFIELD AVENUE	
STA 997+14.6 TO 999+73.1	1449.1
STA 1004+14.6 TO 1107+88.0	1512
STOUGHTON STREET	
STA 1198+81.5 TO 1199+73.9	234.8
STA 1200+27.0 TO 1200+91.3	169.9
MAIN STREET	
STA 1397+89.3 TO 1399+73.9	509
STA 1400+26.1 TO 1400+85.7	175.4
CLARK STREET	
STA 1599+38.1 TO 1599+74.0	121.4
STA 1600+26.6 TO 1600+59.4	101.5
USE TOTALS	4,274

HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" ITEM NO. 44000160	
LOCATION	SQ YD
SPRINGFIELD AVENUE	
STA 1000+28.5 TO 1004+14.5	1831.3
USE TOTALS	1,832

HOT-MIX ASPHALT SURFACE REMOVAL, 4" ITEM NO. 44000165	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 101+05.2 TO 102+55.8	895.7
STA 102+89.5 TO 105+81.6	1665.7
STA 107+46.7 TO 117+49.4	5564.8
USE TOTALS	8,127

HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/4" ITEM NO. 44000166	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 105+81.6 TO 108+46.7	969.2
STA 117+49.4 TO 120+19.8	1568.6
USE TOTALS	2,538

DRIVEWAY PAVEMENT REMOVAL ITEM NO. 44000200	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 101+79.4, LT	42.9
STA 102+82.7, LT	18.5
STA 103+93.7, LT	5.8
STA 106+53.9, LT	16.6
STA 109+28.2, LT	29.9
STA 111+88.9, LT	4.5
STA 112+47.6, LT	7.0
SPRINGFIELD AVE	
STA 997+50.4, RT	18.1
STA 1001+22.9, RT	7.9
STA 1002+67.5, RT	3.9
STA 1005+66.8, RT	18.1
STA 1006+81.8, RT	16.9
STA 1007+52.1, RT	28.3
STOUGHTON STREET	
STA 1198+87.0, RT	30.1
MAIN STREET	
STA 1398+00.9, RT	11.4
STA 1398+98.34, LT	18.9
STA 1399+02.7, RT	9.0
STA 1400+82.8, RT	10.9
STA 1400+96.3, LT	10.2
STA 1401+08.9, RT	10.8
STA 1401+52.3, LT	12.7
STA 1401+80.8, RT	18.0
USE TOTALS	351

CURB REMOVAL ITEM NO. 44000300	
LOCATION	FOOT
LINCOLN AVENUE	
STA 103+40.0, LT	14.0
STA 105+24.8, LT	53.3
STA 111+23.2, RT	28.6
STA 112+98.3, RT	6.0
STA 113+59.4, RT	68.2
STA 114+70.5, RT	68.2
STA 116+92.9, LT	91.9
USE TOTALS	331

COMBINATION CURB AND GUTTER REMOVAL ITEM NO. 44000500	
LOCATION	FOOT
LINCOLN AVENUE	
STA 101+00.2, RT	57.5
STA 101+05.1, LT	28.0
STA 101+45.6, LT	5.2
STA 101+65.3, LT	72.4
STA 101+80.9, RT	12.0
STA 102+19.8, RT	22.0
STA 102+82.6, LT	10.0
STA 102+83.8, RT	6.0
STA 103+86.0, LT	20.2
STA 104+42.5, RT	12.0
STA 104+91.7, RT	8.9
STA 105+13.4, LT	17.5
STA 105+85.0, LT	14.5
STA 107+13.7, RT	179.6
STA 107+53.0, LT	110.8
STA 108+32.5, RT	79.8
STA 111+26.6, RT	40.2
STA 111+44.9, LT	6.0
STA 111+68.8, LT	5.0
STA 111+88.9, LT	21.5
STA 112+24.8, LT	21.7
STA 112+26.9, RT	33.2
STA 113+23.0, LT	4.0
STA 114+94.8, RT	4.0
STA 115+05.5, RT	4.0
STA 115+06.0, LT	16.0
STA 115+19.7, RT	10.3
STA 115+45.7, RT	13.7
STA 115+50.3, LT	4.0
STA 115+62.5, LT	4.0
STA 115+74.0, RT	30.9
STA 115+89.0, LT	7.0
STA 116+36.4, LT	5.0
STA 116+38.2, RT	11.9
STA 116+66.3, RT	4.0
STA 116+69.4, LT	6.0
STA 116+85.3, LT	4.0
STA 116+87.9, RT	128.1
SPRINGFIELD AVENUE	
STA 997+21.8, LT	5.0
STA 997+37.0, LT	93.6
STA 997+54.7, RT	32.1
STA 998+47.6, RT	4.0
STA 998+68.5, LT	131.0
STA 1001+01.0, LT	57.7
STA 1001+73.1, LT	45.0
STA 1002+28.6, LT	57.4
STA 1002+60.5, RT	14.0
STA 1003+27.3, LT	4.5
STA 1004+06.5, LT	9.4
STA 1004+22.6, RT	7.0
STA 1004+26.6, LT	8.7
STA 1004+55.1, RT	24.1
STA 1006+77.3, RT	49.1
STA 1007+46.2, RT	41.8
STOUGHTON STREET	
STA 1198+81.4, RT	110.7
STA 1199+42.8, LT	46.1
STA 1200+27.5, RT	84.3
STA 1200+37.1, LT	8.3
MAIN STREET	
STA 1397+89.3, RT	203.9
STA 1397+89.3, LT	206.0
STA 1400+25.6, RT	201.9
STA 1400+26.5, RT	198.1
CLARK STREET	
STA 1599+11.6, RT	81.2
STA 1599+40.1, LT	39.8
STA 1600+26.4, LT	88.0
USE TOTALS	2894



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

SIDEWALK REMOVAL ITEM NO. 44000600	
LOCATION	SQ FT
LINCOLN AVENUE	
STA 101+00.2, RT	300.7
STA 101+01.3, LT	631.8
STA 101+80.9, RT	59.3
STA 102+19.8, RT	108.5
STA 102+82.6, LT	310.7
STA 102+83.8, RT	29.2
STA 103+05.9, RT	24.7
STA 103+54.4, LT	366.9
STA 104+42.5, RT	59.1
STA 104+91.7, RT	43.8
STA 105+77.5, LT	77.5
STA 106+06.0, LT	1163.6
STA 107+13.7, RT	850.6
STA 108+33.3, LT	993.4
STA 108+34.0, RT	405.3
STA 110+38.0, LT	160.5
STA 110+38.4, RT	200.2
STA 111+04.8, RT	39.4
STA 111+14.9, LT	127.6
STA 111+26.6, RT	175.5
STA 111+36.5, LT	2155.6
STA 112+25.8, RT	149.8
STA 113+73.0, RT	477.1
STA 114+59.4, RT	197.3
STA 114+94.8, RT	17.3
STA 115+05.6, RT	17.0
STA 115+19.8, RT	43.2
STA 115+43.1, LT	176.5
STA 115+45.7, RT	57.6
STA 115+74.0, RT	136.6
STA 116+07.1, LT	142.7
STA 116+38.2, RT	50.5
STA 116+49.1, LT	729.0
STA 116+66.3, RT	16.8
STA 116+87.9, RT	210.8
STA 118+01.4, RT	53.3
STA 118+05.2, LT	895.9
SPRINGFIELD AVENUE	
STA 996+82.2, RT	239.8
STA 997+10.8, LT	27.9
STA 997+12.4, RT	158.2
STA 997+63.3, RT	147.9
STA 997+67.5, LT	13.1
STA 997+99.7, LT	156.2
STA 998+47.6, LT	15.5
STA 1001+01.0, LT	253.4
STA 1001+73.1, LT	197.3
STA 1001+93.5, RT	208.2
STA 1002+28.6, LT	240.4
STA 1002+60.5, RT	62.2
STA 1002+93.9, RT	13.1
STA 1003+05.5, RT	243.9
STA 1003+75.3, RT	281.8
STA 1003+91.4, LT	307.2
STA 1004+59.4, RT	193.9
STA 1004+97.6, RT	41.0
STA 1005+10.1, RT	59.1
STA 1005+43.4, RT	16.3
STA 1005+65.2, RT	149.7
STA 1006+19.4, RT	791.2
STOUGHTON STREET	
STA 1199+18.8, LT	42.7
STA 1200+37.2, LT	45.7
MAIN STREET	
STA 1398+61.1, LT	645.7
STA 1400+62.9, LT	15.3
STA 1401+65.6, RT	17.1
STA 1401+84.6, RT	35.2
TOTALS	16275.0
DEDUCTIONS	81.5
USE TOTALS	16194.0

MEDIAN REMOVAL ITEM NO. 44003100	
LOCATION	SQ FT
LINCOLN AVENUE	
STA 105+57.8, LT	21.3
STA 111+24.1, RT	29.3
STA 113+81.0, LT	25.0
STA 114+71.0, RT	23.9
STA 117+28.0, LT	25.1
USE TOTALS	125.0

CLASS C PATCHES, TYPE II, 9 INCH ITEM NO. 44201341	
LOCATION	SQ YD
MAIN STREET	
STA 1401+11.7, 0.8' LT TO 1401+23.9, 11.0' LT	12.0
STA 1401+17.9, 0.7' LT TO 1401+24.9, 11.0' RT	10.0
STA 1401+49.5, 0.2' RT TO 1401+54.7, 13.7' LT	10.0
STA 1401+73.7, 0.9' RT TO 1401+79.8, 15.2' LT	11.0
USE TOTALS	43.0

CLASS C PATCHES, TYPE III, 9 INCH ITEM NO. 44201345	
LOCATION	SQ YD
MAIN STREET	
STA 1400+98.8, 0.8' LT TO 1401+14.8, 5.2' RT	17.0
STA 1401+65.1, 0.6' RT TO 1401+94.9, 8.0' RT	23.0
USE TOTALS	40.0

CLASS C PATCHES, TYPE II, 12 INCH ITEM NO. 44201377	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 102+82.5, 17.6' LT TO 102+92.6, 25.6' LT	9.0
STA 105+13.8, 19.6' LT TO 105+27.9, 25.5' LT	10.0
STA 108+97.6, 14.1' RT TO 109+03.7, 0.6' RT	10.0
STA 108+97.7, 0.5' RT TO 109+03.8, 13.0' LT	10.0
STA 108+97.8, 13.1' LT TO 109+03.9, 26.8' LT	10.0
STA 115+07.5, 1.8' LT TO 115+13.6, 15.3' LT	9.0
STA 115+30.2, 14.1' RT TO 115+37.0, 26.4' RT	10.0
STA 115+30.3, 2.0' RT TO 115+37.2, 14.2' RT	10.0
STA 115+59.1, 14.6' LT TO 115+66.4, 26.1' LT	10.0
STA 117+02.4, 1.8' LT TO 117+08.6, 13.9' LT	9.0
STA 116+96.6, 20.0' LT TO 117+08.7, 26.0' LT	13.0
USE TOTALS	110.0

CLASS C PATCHES, TYPE III, 12 INCH ITEM NO. 44201381	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 102+47.8, 14.3' RT TO 102+59.6, 27.4' RT	17.0
STA 119+95.8, 1.5' RT TO 120+19.8, 4.3' LT	16.0
USE TOTALS	33.0

CLASS C PATCHES, TYPE IV, 12 INCH ITEM NO. 44201383	
LOCATION	SQ YD
LINCOLN AVENUE	
STA 108+25.9, 20.6' RT TO 109+03.4, 27.7' RT	80.0
STA 111+71.8, 19.8' LT TO 112+63.1, 25.8' LT	61.0
USE TOTALS	141.0

STORM SEWERS, CLASS A, TYPE 1 12" ITEM NO. 550A0050	
LOCATION	FOOT
1 - 2, STA 110+65.2 TO 110+73.5, LT	11.9
7 - 9, STA 110+68.7 TO 110+73.0, RT	50.5
17 - 18, STA 114+01.1 TO 114+14.0, RT	12.9
18 - 21, STA 114+14.0 TO 114+19.2, RT	19.9
21 - 22, STA 114+19.2 TO 114+42.7, RT	23.6
23 - 25, STA 117+67.3 TO 117+64.1, LT	42.2
28 - 29, STA 117+51.2 TO 117+42.4, LT	6.9
31 - 32, STA 117+48.6 TO 117+42.3, RT	8.8
USE TOTALS	177.0

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID ITEM NO. 60218300	
LOCATION	EACH
28, STA 117+51.2, 28.1' LT	1.0
USE TOTALS	1.0

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID ITEM NO. 60218400	
LOCATION	EACH
31, STA 117+48.6, 24.6' RT	1.0
USE TOTALS	1.0

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE ITEM NO. 60219300	
LOCATION	EACH
7, STA 110+68.7, 35.3' RT	1.0
23, STA 117+67.3, 39.0' LT	1.0
USE TOTALS	2.0

INLETS, TYPE A, TYPE 11 FRAME AND GRATE ITEM NO. 60236800	
LOCATION	EACH
2, STA 110+73.8, 31.3' LT	1.0
9, STA 110+73.0, 85.6' RT	1.0
15, STA 114+52.9, 31.9' LT	1.0
22, STA 114+43.0, 87.6' RT	1.0
25, STA 117+64.1, 81.1' LT	1.0
32, STA 117+42.3, 27.3' RT	1.0
USE TOTALS	6.0

INLETS, TYPE B, TYPE 11 FRAME AND GRATE ITEM NO. 60240310	
LOCATION	EACH
10, STA 114+13.5, 34.2' LT	1.0
18, STA 114+14.0, 36.8' RT	1.0
29, STA 114+19.2, 56.1' RT	1.0
21, STA 117+42.5, 27.4' LT	1.0
USE TOTALS	4.0

MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID ITEM NO. 60255800	
LOCATION	EACH
26, STA 117+51.5, 35.9' LT	1.0
STA 119+42.8, 6.5' RT	1.0
STA 119+48.3, 17.6' RT	1.0
USE TOTALS	3.0

MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID ITEM NO. 60258200	
LOCATION	EACH
30, STA 117+50.2, 4.2' RT	1.0
USE TOTALS	1.0

INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID ITEM NO. 60260400	
LOCATION	EACH
1, STA 110+65.2, 40.2' LT	1.0
6, STA 110+63.4, 35.3' RT	1.0
17, 114+01.1, 36.4' RT	1.0
19, STA 114+09.5, 87.5' RT	1.0
USE TOTALS	4.0

VALVE BOXES TO BE ADJUSTED ITEM NO. 60266600	
LOCATION	EACH
LINCOLN AVENUE	
STA 109+25.3, 31.9' LT	1
STA 109+25.5, 29.4' LT	1
STA 111+69.2, 30.4' LT	1
STA 112+28.8, 30.0' RT	1
STA 114+87.7, 32.8' LT	1
STA 118+01.3, 38.1' RT	1
SPRINGFIELD AVENUE	
STA 1000+58.6, 32.9' RT	1
TOTALS	7

FRAMES AND LIDS TO BE ADJUSTED ITEM NO. 60300305	
LOCATION	EACH
LINCOLN AVENUE	
STA 101+48.6, 25.2' RT	1
STA 102+49.2, 19.2' LT	1
STA 102+52.8, 20.3' RT	1
STA 102+85.7, 26.6' LT	1
STA 102+86.3, 27.7' RT	1
STA 102+86.4, 18.9' RT	1
STA 102+87.5, 22.9' LT	1
STA 103+85.2, 15.6' RT	1
STA 104+53.5, 22.6' LT	1
STA 104+61.6, 0.9' RT	1
STA 105+20.1, 23.3' LT	1
STA 106+08.2, 0.8' RT	1
STA 106+29.8, 23.0' RT	1
STA 106+44.9, 26.9' RT	1
STA 107+65.7, 38.3' LT	1
STA 107+70.4, 20.3' LT	1
STA 107+71.0, 23.6' RT	1
STA 107+94.8, 1.6' RT	1
STA 108+41.4, 15.6' RT	1
STA 108+43.2, 41.5' RT	1
STA 108+43.3, 13.1' LT	1
STA 108+44.5, 40.6' LT	1
STA 109+46.6, 1.1' RT	1
STA 110+55.1, 21.8' LT	1
STA 110+99.5, 0.7' RT	1
STA 111+03.9, 21.4' LT	1
STA 111+08.0, 23.4' RT	1
STA 111+13.1, 34.5' LT	1
STA 111+26.4, 15.0' RT	1
STA 112+63.1, 30.7' LT	1
STA 113+97.6, 25.5' LT	1
STA 114+13.9, 20.7' LT	1
STA 117+76.7, 0.5' LT	1
STA 117+97.0, 45.2' LT	1
STA 119+48.8, 14.9' LT	1
STA 119+52.3, 21.6' LT	1
SPRINGFIELD AVENUE	
STA 1004+25.4, 19.3' RT	1
STA 1004+26.9, 14.9' RT	1
STA 1004+27.5, 17.5' LT	1
STA 1004+42.1, 6.4' RT	1
STA 1004+59.0, 14.6' RT	1
STA 1004+59.1, 17.1' LT	1
STA 1004+62.7, 19.0' RT	1
MAIN STREET	
1401+94.1, 0.5' RT	1
TOTALS	44

REMOVING INLETS ITEM NO. 60500060	
LOCATION	EACH
13, 113+98.4, 36.4' LT	1.0
16, 114+65.7, 35.9' LT	1.0
20, 114+53.0, 87.7' RT	1.0
27, 117+56.7, 42.7' LT	1.0
33, 117+47.7, 34.2' RT	1.0
USE TOTALS	5.0

CONCRETE CURB, TYPE B ITEM NO. 60600605	
LOCATION	FOOT
LINCOLN AVENUE	
STA 103+40.0, 0.1' LT	14.0
STA 105+24.8, 1.9' LT	53.3
STA 111+23.5, 0.4' RT	27.8
STA 112+98.3, 2.2' RT	6.0
USE TOTALS	102.0

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06 ITEM NO. 60603500	
LOCATION	FOOT
LINCOLN AVENUE	
STA 110+34.9, 4.9' RT	35.6
STA 110+34.9, 1.5' LT	35.7
STA 113+59.4, 2.5' RT	39.4
STA 113+59.4, 2.4' LT	39.5
STA 114+63.9, 3.8' RT	39.5
STA 114+63.9, 3.8' LT	39.5
STA 116+92.9, 2.3' LT	51.6
STA 116+96.0, 2.4' RT	48.5
USE TOTALS	329.5

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 ITEM NO. 60603800	
LOCATION	FOOT
LINCOLN AVENUE	
STA 101+00.2, 26.3' RT	57.5
STA 101+05.1, 26.8' LT	28.0
STA 101+45.6, 26.6' LT	5.2
STA 101+65.3, 26.4' LT	72.4
STA 101+80.9, 26.5' RT	12.0
STA 102+19.8, 26.4' RT	22.0
STA 102+82.6, 25.6' LT	10.0
STA 102+83.8, 27.4' RT	6.0
STA 103+86.0, 25.4' LT	20.2
STA 104+42.5, 26.5' RT	12.0
STA 104+91.7, 26.4' RT	8.9
STA 105+13.4, 26.8' LT	17.5
STA 105+85.0, 28.2' LT	14.5
STA 107+13.7, 26.4' RT	77.1
STA 107+52.5, 29.1' LT	179.6
STA 108+32.5, 68.8' RT	79.8
STA 111+26.6, 26.6' RT	40.2
STA 111+44.9, 25.8' LT	6.0
STA 111+68.8, 25.8' LT	5.0
STA 111+88.9, 25.8' LT	21.5
STA 112+24.8, 25.8' LT	21.7
STA 112+26.8, 26.1' RT	33.2
STA 113+23.0, 25.8' LT	4.0
STA 114+94.8, 26.3' RT	4.0
STA 115+05.5, 26.3' RT	4.0
STA 115+06.0, 26.2' LT	16.0
STA 115+19.7, 26.4' RT	10.3
STA 115+45.7, 26.3' RT	13.7
STA 115+50.3, 26.2' LT	4.0
STA 115+62.5, 26.1' LT	4.0
STA 115+74.0, 26.3' RT	30.9
STA 115+89.0, 26.1' LT	7.0
STA 116+36.4, 26.0' LT	5.0
STA 116+38.2, 26.5' RT	11.9
STA 116+66.3, 26.4' RT	4.0
STA 116+69.4, 26.1' RT	6.0
STA 116+85.3, 26.0' LT	4.0
STA 116+87.9, 26.4' RT	140.0
SPRINGFIELD AVENUE	
STA 997+21.8, 16.4' LT	5.0
STA 997+37.0, 16.9' LT	93.6
STA 997+54.7, 20.1' RT	32.1
STA 998+47.6, 25.2' LT	4.0
STA 998+68.5, 26.0' LT	131.0
STA 1001+01.0, 27.8' LT	57.7
STA 1001+73.1, 27.8' LT	45.0
STA 1002+28.6, 24.9' LT	57.4
STA 1002+60.5, 17.2' RT	14.0
STA 1003+27.3, 18.6' LT	4.5
STA 1004+06.5, 16.5' LT	9.4
STA 1004+22.6, 14.2' RT	7.0
STA 1004+26.6, 20.0' LT	8.7
STA 1004+55.1, 28.0' RT	24.1
STA 1006+77.3, 15.7' RT	49.1
STA 1007+46.2, 16.1' RT	41.8
STOUGHTON ST	
STA 1198+81.4, 11.7' RT	126.5
STA 1199+42.8, 13.1' LT	46.1
STA 1200+27.5, 49.0' RT	90.7
STA 1200+37.1, 14.1' RT	8.3
MAIN STREET	
STA 1397+89.3, 16.9' RT	221.1
STA 1397+89.3, 15.9' LT	218.4
STA 1400+25.6, 55.8' LT	216.0
STA 1400+26.5, 56.0' RT	213.2
CLARK STREET	
STA 1599+11.6, 11.9' RT	96.0
STA 1599+40.1, 14.1' LT	39.8
STA 1600+26.4, 51.1' LT	92.6
USE TOTALS	2973.0

## SCHEDULE OF QUANTITIES

NON-SPECIAL WASTE DISPOSAL	
ITEM NO. 66900200	
LOCATION	CU YD
LINCOLN AVENUE	
PESA SITE 1, STA 118+92 TO 119+43, LT	31.7
PESA SITE 10, STA 102+30 TO 102+77, LT	28.7
PESA SITE 11, STA 118+33 TO 118+86, RT	32.3
PESA SITE 23, STA 101+05 TO 101+30, RT	15.2
CLARK STREET	
PESA SITE 11, STA 1600+36 TO STA 1601+00, LT	39.0
<b>USE TOTALS</b>	<b>147.0</b>

REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	
ITEM NO. 66901001	
LOCATION	L SUM
PROJECT 1 LUMP SUM	1.0
USE TOTALS	1.0

REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	
ITEM NO. 66901003	
LOCATION	L SUM
PROJECT 1 LUMP SUM	1.0
USE TOTALS	1.0

REGULATED SUBSTANCES MONITORING	
ITEM NO. 66901006	
LOCATION	DAYS
PROJECT 4 DAYS	4.0
USE TOTALS	4.0

SOIL DISPOSAL ANALYSIS	
ITEM NO. 66900530	
LOCATION	EACH
PROJECT 1 EACH	1.0
USE TOTALS	1.0

SIGNAL PANEL TYPE 1	
ITEM NO. 72000100	
LOCATION	SQ FT
LINCOLN AVENUE	
W11-2, STA 109+33.0, 34.0' RT	9.0
W16-9P, STA 109+33.0, 34.0' RT	2.0
R4-7b, STA 110+63.6, 32.2' LT	5.0
W11-2, STA 110+63.6, 32.2' LT	9.0
W16-7P(L), STA 110+63.7, 0.8' RT	2.0
W11-2, STA 110+110+63.7, 0.8' RT	9.0
W16-7P(R), STA 110+63.7, 0.8' RT	2.0
W11-2, STA 110+63.7, 0.8' RT	9.0
W16-7P(R), STA 110+63.7, 0.8' RT	2.0
W11-2, STA 110+65.7, 36.5' RT	9.0
W16-7P(L), STA 110+65.7, 36.5' RT	2.0
W11-15, STA 114+09.0, 34.1' LT	9.0
W16-7P(L), STA 114+09.0, 34.1' LT	2.0
W11-15, STA 113+97.3, 0.2' LT	9.0
W16-7P(R), STA 113+97.3, 0.2' LT	2.0
W11-15, STA 113+97.3, 0.2' LT	9.0
W16-7P(R), STA 113+97.3, 0.2' LT	2.0
W11-15, STA 113+97.3, 31.0' RT	9.0
W16-7P(L), STA 113+97.3, 31.0' RT	2.0
W11-15, STA 114+64.9, 31.0' LT	9.0
W16-7P(L), STA 114+64.9, 31.0' LT	2.0
W11-15, STA 114+64.9, 0.2' RT	9.0
W16-7P(R), STA 114+64.9, 0.2' RT	2.0
W11-15, STA 114+64.9, 0.2' RT	9.0
W16-7P(R), STA 114+64.9, 0.2' RT	2.0
W11-15, STA 114+65.5, 31.4' RT	9.0
W16-7P(L), STA 114+65.5, 31.4' RT	2.0
W11-2, STA 117+52.2, 31.8' LT	9.0
W16-7P(L), STA 117+52.2, 31.8' LT	2.0
W11-2, STA 117+43.0, 0.2' LT	9.0
W16-7P(R), STA 117+43.0, 0.2' LT	2.0
W11-2, STA 117+43.0, 0.2' LT	9.0
W16-7P(R), STA 117+43.0, 0.2' LT	2.0
W11-2, STA 117+52.6, 33.1' RT	9.0
W16-7P(L), STA 117+52.60, 33.1' RT	2.0
R4-7b, STA 118+91.8, 0.4' RT	5.0
W11-2, STA 119+08.5, 33.0' LT	9.0
W16-9P, STA 119+08.5, 33.0' LT	2.0
MAIN STREET	
R1-2 (BIKE), STA 1398+75.6, 26.1' RT	2.0
BIKE-1, STA 1398+77.6, 32.5' RT	0.8
BIKE-1, STA 1399+19.3, 23.6' RT	0.8
BIKE-1, STA 1400+75.9, 33.4' RT	0.8
R1-2 (BIKE), STA 1401+45.7, 18.6' RT	2.0
W11-1, STA 1401+60.7, 16.3' RT	6.3
W16-7P(L), STA 1401+60.7, 16.3' RT	2.0
W11-1, STA 1398+44.7, 18.9' LT	6.3
W16-7P(L), STA 1398+44.7, 18.9' LT	2.0
R1-2 (BIKE), STA 1398+54.7, 20.6' LT	2.0
BIKE-1, STA 1398+71.1, 26.0' LT	0.8
BIKE-1, STA 1400+59.6, 21.6' LT	0.8
BIKE-1, STA 1400+75.8, 34.6' LT	0.8
R1-2 (BIKE), STA 1400+83.1, 24.7' LT	2.0
USE TOTALS	238.0

THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS (TYPE II)		
ITEM NO. 78000100		
LOCATION	QUANTITY	COMMENTS
LINCOLN AVENUE		
STA 101+14.2, 3.1' LT	15.6	LEFT ARROW
STA 106+08.1, 2.5' LT	15.6	LEFT ARROW
STA 106+69.6, 2.8' LT	15.6	LEFT ARROW
STA 107+39.1, 3.0' LT	15.6	LEFT ARROW
STA 108+70.8, 3.8' RT	15.6	LEFT ARROW
STA 109+22.8, 3.8' RT	15.6	LEFT ARROW
STA 109+66.8, 3.8' RT	15.6	LEFT ARROW
STA 119+32.3, 17.3' RT	54.0	RAILROAD "X"
STA 119+32.4, 6.3' RT	54.0	RAILROAD "X"
STA 119+39.8, 24.0' RT	3.6	RAILROAD "R"
STA 119+39.9, 17.0' RT	3.6	RAILROAD "R"
STA 119+40.0, 13.0' RT	3.6	RAILROAD "R"
STA 119+40.1, 6.0' RT	3.6	RAILROAD "R"
STA 119+83.1, 2.7' LT	15.6	LEFT ARROW
SPRINGFIELD AVENUE		
STA 998+53.1, 3.1' LT	15.6	LEFT ARROW
STA 998+53.1, 25.1' RT	15.6	RIGHT ARROW
STA 998+93.6, 3.1' LT	15.6	LEFT ARROW
STA 998+93.6, 25.1' RT	15.6	RIGHT ARROW
STA 999+34.1, 3.1' LT	15.6	LEFT ARROW
STA 999+34.1, 25.1' RT	15.6	RIGHT ARROW
STA 1000+67.2, 3.1' RT	15.6	LEFT ARROW
STA 1000+67.2, 25.1' LT	15.6	RIGHT ARROW
STA 1001+15.2, 3.1' RT	15.6	LEFT ARROW
STA 1001+15.2, 25.1' LT	15.6	RIGHT ARROW
STA 1001+63.2, 3.1' RT	15.6	LEFT ARROW
STA 1001+63.2, 25.1' LT	15.6	RIGHT ARROW
MAIN STREET		
STA 1398+56.3, 15.0' LT	2.3	YIELD TRNGLS
STA 1398+64.4, 14.3' RT	12.6	"YIELD"
STA 1398+70.1, 18.7' LT	12.6	"YIELD"
STA 1398+77.1, 2.1' RT	2.3	YIELD TRNGLS
STA 1401+12.6, 22.3' LT	2.3	YIELD TRNGLS
STA 1401+25.8, 15.6' LT	12.6	"YIELD"
STA 1401+29.7, 20.6' RT	12.6	"YIELD"
STA 1401+43.5, 14.9' RT	2.3	YIELD TRNGLS
TOTALS	494.0	SQ FT
USE TOTALS	494	SQ FT

SIGN PANEL - TYPE 2	
ITEM NO. 72000200	
LOCATION	SQ FT
LINCOLN AVENUE	
D3-1, STA 107+84.8, 65.1' RT	14.0
D3-1, STA 108+28.9, 53.1' LT	14.0
SPRINGFIELD AVENUE	
D3-1, STA 999+78.9, 53.1' RT	17.0
D3-1, STA 1000+21.1, 50.8' LT	17.0
<b>USE TOTALS</b>	<b>62.0</b>

REMOVE SIGN PANEL - TYPE 2	
ITEM NO. 72400320	
LOCATION	SQ FT
LINCOLN AVENUE	
D3-1, STA 107+84.8, 65.1' RT	12.5
D3-1, STA 108+28.9, 53.1' LT	12.5
SPRINGFIELD AVENUE	
D3-1, STA 999+78.9, 53.1' RT	17.5
D3-1, STA 1000+21.1, 50.8' LT	17.5
<b>USE TOTALS</b>	<b>60.0</b>

RELOCATE SIGNAL PANEL ASSEMBLY - TYPE A ITEM NO. 72400500	
LOCATION	EACH
STOUGHTON STREET	
R1-1, STA 1199+45.5, 9.8' RT	1.0
R1-1, STA 1200+49.2, 15.5' LT	1.0
MAIN STREET	
STA 1397+89.3, 20.2' RT	1.0
R1-1 & W4-4P, STA 1399+51.4, 15.2' RT	1.0
STA 1402+06.9, 22.6' RT	1.0
R1-1 & W4-4P, STA 1400+53.2, 15.2' LT	1.0
STA 1400+68.9, 19.1' LT	1.0
CLARK STREET	
R1-1, STA 1599+43.0, 10.3' RT	1.0
<b>USE TOTALS</b>	<b>8.0</b>

Lincoln & Springfield Resurfacing PAVEMENT MARKING SCHEDULE		THERMOPLASTIC PAVEMENT MARKING & GROOVING FOR RECESSED PAVEMENT MARKING 5"										SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL
ITEM NO.		78000200					X7830070	78000400	78000600		78000650	70300100		70300150
		4" SKIP- DASH YELLOW	4" SOLID YELLOW	4" DOUBLE YELLOW NARROW	4" SOLID WHITE	4" LANE LINE EXTENSIONS WHITE	5" GRV RCSD PVT MRKG	6" CROSS WALK WHITE	12" CROSS WALK WHITE	12" DIAGONAL YELLOW	24" STOP BAR WHITE	4" WHITE	4" YELLOW	
LOCATION														
FROM	TO	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)
LINCOLN AVENUE														
101+05.2 LT	101+19.3 LT				14		14					14	0	5
101+05.2 CL	102+04.9 CL			360			360					0	180	60
101+25.5 CL	102+04.9 CL									29		0	0	0
101+28.7 LT	107+38.7 LT	160					160					0	64	21
101+28.7 RT	107+38.7 RT	160					160					0	64	21
102+04.9 CL	105+49.5 CL		690				690					0	690	230
105+49.5 CL	107+53.0 CL			508			508					0	254	85
105+49.5 CL	105+99.4 CL									15		0	0	0
106+03.0 RT	107+53.0 RT				149		149					149	0	50
107+53.0, 5.3' LT	107+53.0, 30.4' RT										36	0	0	0
107+53.0 CL	108+57.9 CL							278				278	0	93
108+56.9, 6.4' RT	108+57.0, 29.3' LT										36	0	0	0
108+57.9 LT	109+71.8 LT				114		114					114	0	38
108+57.9 CL	110+28.4 CL			436			436					0	218	73
108+87.9 LT	110+56.1 LT	50					50					0	20	7
108+87.9 RT	110+56.1 RT	50					50					0	20	7
109+81.5 CL	110+28.9 CL									10		0	0	0
110+28.4 CL	110+70.5 CL		84				84					0	84	28
110+56.1	110+62.1								84			0	0	0
111+08.2 CL	111+27.1 CL			78			78					0	39	13
111+08.2 CL	111+48.9 CL									19		0	0	0
111+27.1 CL	114+07.4 CL		560				560					0	560	187
111+36.6 LT	113+86.6 LT	70					70					0	28	9
111+36.6 RT	113+86.6 RT	70					70					0	28	9
113+99.4	114+07.4								115			0	0	0
114+55.3 CL	117+51.1 CL		592				592					0	592	197
114+55.3	114+63.3								118			0	0	0
114+67.6 LT	117+17.6 LT	70					70					0	28	9
114+67.6 RT	117+17.6 RT	70					70					0	28	9
117+45.1 CL	117+51.1 CL								84			0	0	0
117+97.4 CL	118+18.4 CL			86			86					0	43	14
117+97.4 CL	119+70.6 CL									44		0	132	44
118+18.4 CL	118+96.6 CL		157				157					0	157	52
118+35.0 LT	120+05.0 LT	50					50					0	20	7
118+35.0 RT	120+05.0 RT	50					50					0	20	7
118+96.6 CL	120+19.8 CL			394			394					0	197	66
119+18.4, 27.3' RT	119+18.7, 2.17' RT										25	0	0	0
119+66.4, 27.3' RT	119+66.8, 3.1' LT										30	0	0	0
119+78.0 RT	120+19.8 RT				42		42					42	0	14
SPRINGFIELD AVENUE														
997+14.6 CL	999+48.0 CL			710			710					0	355	118
997+14.6 CL	998+38.0 CL									19		0	0	0
998+48.0 RT	999+48.0 RT				198		198					198	0	66
999+47.0, 5.8' LT	999+48.0, 29.8' RT										36	0	0	0
999+52.0	1000+48.4							280				280	0	93
1000+53.3, 29.8' LT	1000+53.3, 5.8' RT										36	0	0	0
1000+54.3 CL	1004+14.6 CL			1,010			1,010					0	505	168
1000+54.3 LT	1001+68.3 LT				228		228					228	0	76
1001+75.3 CL	1003+20.2 CL									33		0	0	0
1004+73.6 RT	1007+63.6 RT	80					80					0	32	11
1005+90.7 LT	1008+00.6 LT				58		58					0	0	0
STOUGHTON ST														
1199+45.7, 3.8' LT	1199+45.7, 5.6' RT										9		0	0
1200+49.8, 11.4' LT	1200+49.8, 2.4' LT										9		0	0
MAIN ST														
1397+95.9 LT	1398+45.9 LT				14		14						0	0
1398+20.4 RT	1398+61.7 RT				12		12						0	0
1399+51.4, 0.0' LT	1399+51.4, 11.0' RT										11		0	0
1400+53.2, 11.0' LT	1400+53.2, 0.0' RT										11		0	0
1401+31.8 LT	1401+64.9 LT				10		10						0	0
1401+46.5 RT	1401+72.3 RT				8		8						0	0
TOTAL		880	2,083	3,582	847	0	7,392	558	401	169	239	1,303	4,358	1,887

TOTAL 4" THERMOPLASTIC	TOTAL 6" THERMOPLASTIC	TOTAL 12" THERMOPLASTIC
78000200	78000400	78000600
FOOT	FOOT	FOOT
7,392	558	570
TOTAL 24" THERMOPLASTIC	TOTAL 5" GROOVING	TOTAL 4" SHORT TERM
78000650	X7830070	70300100
FOOT	FOOT	FOOT
239	7,392	16,983
TOTAL SHORT TERM REMOVAL		
70300150		
SQ.FT		
5,661		



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26

DESIGNED BY: SLB	CHECKED BY: TA
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CITY SECTION  
17-00592-00-RS

LINCOLN &amp; SPRINGFIELD RESURFACING

## SCHEDULE OF QUANTITIES

*SHEET NO.*

8  
OF  
65

SCHEDULE OF QUANTITIES

METAL POST TYPE A ITEM NO. 72900100	
LOCATION	FOOT
LINCOLN AVENUE	
R4-7, STA 110+35.2, 1.3' RT	13.0
MAIN STREET	
R1-2 (BIKE), STA 1398+75.6, 26.1' RT	12.0
BIKE-1, STA 1398+77.6, 32.5' RT	11.5
BIKE-1, STA 1399+19.3, 23.6' RT	11.5
BIKE-1, STA 1400+75.9, 33.4' RT	11.5
R1-2 (BIKE), STA 1401+45.7, 18.6' RT	12.0
W11-1 & W16-7P(L), STA 1401+60.7, 16.3' RT	15.5
W11-1 & W16-7P(L), STA 1398+44.7, 18.9' LT	15.5
R1-2 (BIKE), STA 1398+54.7, 20.6' LT	12.0
BIKE-1, STA 1398+71.1, 26.0' LT	11.5
BIKE-1, STA 1400+59.6, 21.6' LT	11.5
BIKE-1, STA 1400+75.8, 34.6' LT	11.5
R1-2 (BIKE), STA 1400+83.1, 24.7' LT	12.0
USE TOTALS	161.0

METAL POST TYPE B ITEM NO. 72900200	
LOCATION	FOOT
LINCOLN AVENUE	
W11-2 & W16-9P, STA 109+33.0, 34.0' RT	16.5
W11-2 & W16-7P(L), STA 110+63.6, 32.2' LT	16.5
W11-2, W16-7P(R), W11-2, & W16-7P(R), STA 110+63.7, 0.8' RT	16.5
W11-2 & W16-7P(L), STA 110+65.7, 36.5' RT	16.5
W11-15 & W16-7P(L), STA 114+09.0, 34.1' LT	16.5
W11-15, W16-7P(R), W11-15, & W16-7P(R), STA 113+97.3, 0.2' LT	16.5
W11-15 & W16-7P(L), STA 113+97.3, 31.0' RT	16.5
W11-15 & W16-7P(L), STA 114+64.9, 31.0' LT	16.5
W11-15, W16-7P(R), W11-15, & W16-7P(R), STA 114+64.9, 0.2' RT	16.5
W11-15 & W16-7P(L), STA 114+65.5, 31.4' RT	16.5
W11-2 & W16-7P(L), STA 117+52.2, 31.8' LT	16.5
W11-2, W16-7P(R), W11-2, & W16-7P(R), STA 117+43.0, 0.2' LT	16.5
W11-2 & W16-7P(L), STA 117+52.6, 33.1' RT	16.5
W11-2 & W16-9P, STA 119+08.5, 33.0' LT	16.5
USE TOTALS	231.0

UNDERGROUND CONDUIT, PVC, 2" DIA. ITEM NO. 81028350	
LOCATION	FOOT
LINCOLN AVENUE	
H-1 TO P-2	20.2
DHH-1 TO P-3	21.1
DHH-1 TO P-4	10.0
H-2 TO P-5	22.7
H-2 TO P-6	7.5
H-3 TO P-7	20.5
H-3 TO P-8	9.5
MAIN STREET	
J-1 TO J-2	22.0
J-3 TO J-4	11.0
J-4 TO STLT-1	2.0
STLT-2 TO J-5	2.0
J-5 TO J-6	35.0
J-7 TO J-8	15.0
USE TOTALS	199.0

GULFBOX JUNCTION, COMPOSITE CONCRETE ITEM NO. 81500120	
LOCATION	EACH
J-1	1.0
J-2	1.0
J-3	1.0
J-4	1.0
J-6	1.0
J-7	1.0
J-8	1.0
USE TOTALS	7.0

ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6 ITEM NO. 81702130	
LOCATION	FOOT
LINCOLN AVENUE	
H-1 TO P-2	22.7
H-1 TO P-2	35.7
DHH-1 TO H-1	126.1
DHH-1 TO P-3	43.1
DHH-1 TO P-4	32.0
DHH-1 TO H-2	108.1
H-2 TO P-5	38.2
H-2 TO P-6	23.0
H-2 TO H-3	117.7
H-3 TO P-7	36.0
H-3 TO P-8	25.0
MAIN STREET	
J-1 TO J-2	25.0
J-3 TO J-4	14.0
J-4 TO STLT-1	16.5
STLT-2 TO J-5	16.5
J-5 TO J-6	38.0
J-7 TO J-8	18.0
USE TOTALS	735.6

RELOCATE EXISTING LIGHTING UNIT ITEM NO. 84400105	
LOCATION	EACH
MAIN STREET	
STA 1398+71.8, RT	1.0
STA 1400+91.6, LT	1.0
USE TOTALS	2.0

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C ITEM NO. 87301215	
LOCATION	EACH
LINCOLN AVENUE	
H-1 TO P-2	22.7
H-1 TO P-2	35.7
DHH-1 TO H-1	126.1
DHH-1 TO P-3	43.1
DHH-1 TO P-4	32.0
DHH-1 TO H-2	108.1
H-2 TO P-5	38.2
H-2 TO P-6	23.0
H-2 TO H-3	117.7
H-3 TO P-7	36.0
H-3 TO P-8	25.0
USE TOTALS	608.0

PEDESTRIAN PUSH-BUTTON POST, TYPE II ITEM NO. 87600200	
LOCATION	EACH
SPRINGFIELD AVENUE	
P-1, STA 999+51.2, 39.1' RT	1
P-2, STA 999+60.1, 42.3' RT	1
P-3, STA 1000+40.2, 49.5' RT	1
P-4, STA 1000+47.3, 41.5' RT	1
P-5, STA 1000+49.8, 37.2' LT	1
P-6, STA 1000+39.6, 48.5' LT	1
P-7, STA 999+59.1, 47.3' LT	1
P-8, STA 999+51.0, 39.9' LT	1
USE TOTALS	8.0

DRILL EXISTING HANDHOLE ITEM NO. 87900200	
LOCATION	EACH
SPRINGFILED AVE	
H-3, STA 999+44.9, LT	2.0
H-1, STA 999+46.8, RT	1.0
H-2, STA 1000+34.3, LT	2.0
DHH-1, STA 1000+53.6, RT	2.0
USE TOTALS	7.0

DETECTOR LOOP, TYPE I ITEM NO. 88600100	
LOCATION	FOOT
LINCOLN AVENUE	
L1, STA 105+73.0, 21.7' RT	41.1
L2, STA 105+73.0, 10.7' RT	39.1
L3, STA 107+32.0, 0.2' RT	59.5
L4, STA 107+47.0, 0.2' RT	53.1
L5, STA 108+62.9, 0.6' RT	50.1
L6, STA 108+77.9, 0.6' RT	53.9
L7, STA 110+36.9, 10.0' LT	38.8
L8, STA 110+36.9, 21.0' LT	28.8
L9, STA 118+79.6, 21.0' RT	42.1
L10, STA 118+79.6, 10.0' RT	47.4
SPRINGFILED AVENUE	
L11, STA 997+98.0, 9.3' RT	35.8
L12, STA 999+27.0	53.1
L13, STA 999+42.0	49.9
L14, STA 1000+59.3	53.2
L15, STA 1000+74.3	58.0
L16, STA 1002+53.3, 2.3' LT	49.7
USE TOTALS	754.0

SANITARY MANHOLE REMOVAL AND REPLACEMENT ITEM NO. URB00001	
LOCATION	EACH
LINCOLN AVENUE	
STA 114+25.0, RT	1.0
USE TOTALS	1.0

BRICK PAVEMENT REMOVAL AND SALVAGE ITEM NO. URB00002	
LOCATION	SQ FT
CLARK STREET	
STA 1599+11.6, RT	346.4
STA 1600+59.4, RT	879.9
STA 1600+59.4, LT	50.6
USE TOTALS	1277.0

BRICK PAVTMENT ITEM NO. URB00003	
LOCATION	SQ FT
CLARK STREET	
STA 1599+11.6, LT	245.7
STA 1600+59.4, RT	729.1
USE TOTALS	975.0

BRICK SIDEWALK ITEM NO. X0326863	
LOCATION	SQ FT
STOUGHTON STREET	
STA 1199+07.4, RT	218.7
STA 1199+18.8, LT	177.1
STA 1200+44.3, LT	55.7
MAIN STREET	
STA 1401+14.1, LT	204.3
STA 1401+26.0, RT	280.1
CLARK STREET	
STA 1599+32.5, RT	73.8
STA 1599+32.5, LT	74.9
USE TOTALS	1085.0

BRICK SIDEWALK REMOVAL ITEM NO. X0326864	
LOCATION	SQ FT
STOUGHTON STREET	
STA 1199+07.4, RT	218.7
STA 1199+28.8, LT	127.4
STA 1200+48.9, LT	39.8
MAIN STREET	
STA 1400+54.1, LT	315.7
STA 1401+13.4, RT	220.4
STA 1401+69.8, RT	61.2
STA 1401+93.4, RT	57.8
CLARK STREET	
STA 1599+32.5, RT	16.8
STA 1599+32.5, LT	66.6
USE TOTALS	1125.0

DOUBLE HANDHOLE TO BE ADJUSTED ITEM NO. X1400235	
LOCATION	EACH
SPRINGFIELD AVENUE	
STA 1000+53.6, RT	1.0
USE TOTALS	1.0

STORM SEWER REMOVAL ITEM NO. X5510100	
LOCATION	FOOT
12 - 13	10.9
15 - 16	12.4
19 - 20	43.7
26 - 27	8.6
33 - 31	9.7
USE TOTALS	86.0

SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID ITEM NO. X6026056	
LOCATION	EACH
LINCOLN AVENUE	
106+08.2, RT	1.0
106+29.8, RT	1.0
107+49.8, RT	1.0
109+46.6, RT	1.0
110+59.5, RT	1.0
117+76.7, LT	1.0
119+52.3, LT	1.0
MAIN STREET	
1401+94.1, RT	1.0
USE TOTALS	8.0

VALVE BOXES TO BE ADJUSTED (SPECIAL) ITEM NO. X6026624	
LOCATION	EACH
LINCOLN AVENUE	
STA 101+08.4, LT	1.0
STA 102+27.3, LT	1.0
STA 103+15.8, LT	1.0
STA 103+85.6, LT	1.0
STA 105+55.2, LT	1.0
STA 105+59.5, LT	1.0
STA 107+83.4, RT	1.0
STA 107+89.4, LT	1.0
STA 108+05.6, RT	1.0
STA 110+63.3, LT	1.0
STA 111+03.1, LT	1.0
STA 114+84.4, LT	1.0
STA 115+10.8, LT	1.0
STA 118+03.4, LT	1.0
STA 118+11.6, LT	1.0
STA 120+14.0, LT	1.0
STA 120+18.7, LT	1.0
SPRINGFIELD AVENUE	
STA 997+44.8, RT	1.0
STA 998+24.6, RT	1.0
STA 1004+67.4, RT	1.0
USE TOTALS	20.0

TRAFFIC CONTROL AND PROTECTION, (SPECIAL) ITEM NO. X7010216	
LOCATION	L SUM
PROJECT 1 LUMP SUM	1.0
USE TOTALS	1.0

RELOCATE EXISTING JUNCTION BOX ITEM NO. X8130120	
LOCATION	EACH
MAIN STREET	
J-5	1.0
USE TOTALS	1.0

JUNCTION BOXES TO BE ADJUSTED (SPECIAL) ITEM NO. X8130130	
LOCATION	EACH
LINCOLN AVENUE	
STA 106+32.8, LT	1.0
STA 107+70.0, RT	1.0
STA 107+71.6, LT	1.0
STA 108+61.8, LT	1.0
STA 108+63.9, LT	1.0
STA 110+47.2, LT	1.0
MAIN STREET	
STA 1400+91.9, LT	1.0
USE TOTALS	7.0

HANDHOLE TO BE ADJUSTED ITEM NO. X8140115	
LOCATION	EACH
LINCOLN AVENUE	
STA 107+36.7, LT	1.0
STA 107+41.2, LT	1.0
STA 108+58.0, RT	1.0
STA 113+71.0, LT	1.0
STA 117+38.2, LT	1.0
STA 119+39.4, LT	1.0
SPRINGFIELD AVENUE	
STA 999+39.4, LT	1.0
STA 999+46.8, RT	1.0
MAIN STREET	
STA 1401+35.5, RT	1.0
CLARK STREET	
STA 1600+56.4, RT	1.0
STA 1600+59.3, RT	1.0
STA 1600+60.0, RT	1.0
USE TOTALS	12.0

ACCESSIBLE PEDESTRIAN SIGNALS ITEM NO. X8760200	
LOCATION	EACH
SPRINGFIELD AVENUE	
P-1, STA 999+51.2, 39.1' RT	1
P-2, STA 999+60.1, 42.3' RT	1
P-3, STA 1000+40.2, 49.5' RT	1
P-4, STA 1000+47.3, 41.5' RT	1
P-5, STA 1000+49.8, 37.2' LT	1
P-6, STA 1000+39.6, 48.5' LT	1
P-7, STA 999+59.1, 47.3' LT	1
P-8, STA 999+51.0, 39.9' LT	1
USE TOTALS	8.0

CONSTRUCTION LAYOUT ITEM NO. 20013798	
LOCATION	L SUM
PROJECT 1 LUMP SUM	1.0
USE TOTALS	1.0

LONGITUDINAL JOINT SEALANT ITEM NO. 20033700	
LOCATION	FOOT
LINCOLN AVENUE	
STA 101+04.9, RT TO 120+19.8, RT	1914.8
STA 101+5.0, RT TO 102+01.3, RT	96.3
STA 101+5.1, LT TO 120+19.8, LT	1914.9
STA 105+67.2, LT TO 110+28.4, RT	461.2
STA 118+99.7, RT TO 120+19.8, RT	120.1
SPRINGFIELD AVENUE	
STA 997+15.7, RT TO 999+72.7, LT	257.0
STA 997+71.1, RT TO 999+72.7, RT	201.7
STA 997+71.1, LT TO 999+72.7, LT	201.7
STA 1000+27.9, RT TO 1002+96.1, RT	268.2
STA 1000+27.9, LT TO 1007+88.0, LT	760.1
USE TOTALS	6196.0

PORTLAND CEMENT CONCRETE SIDEWALK CURB ITEM NO. 20042300	
LOCATION	FOOT
SPRINGFIELD AVENUE	
STA 1003+95.4, 28.3' LT	27.0
USE TOTALS	27.0

SURVEY MONUMENTS ITEM NO. 20070200	
LOCATION	EACH
LINCOLN AVENUE	
STA 108+52.5, 0.1' LT	1.0
USE TOTALS	1.0

SURVEY MARKER VAULT ITEM NO. 20070202	
LOCATION	EACH
LINCOLN AVENUE	
STA 108+52.5, 0.1' LT	1.0
USE TOTALS	1.0



CITY OF URBANA  
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DESIGNED BY: SLB CHECKED BY: TAC

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LINCOLN & SPRINGFIELD RESURFACING

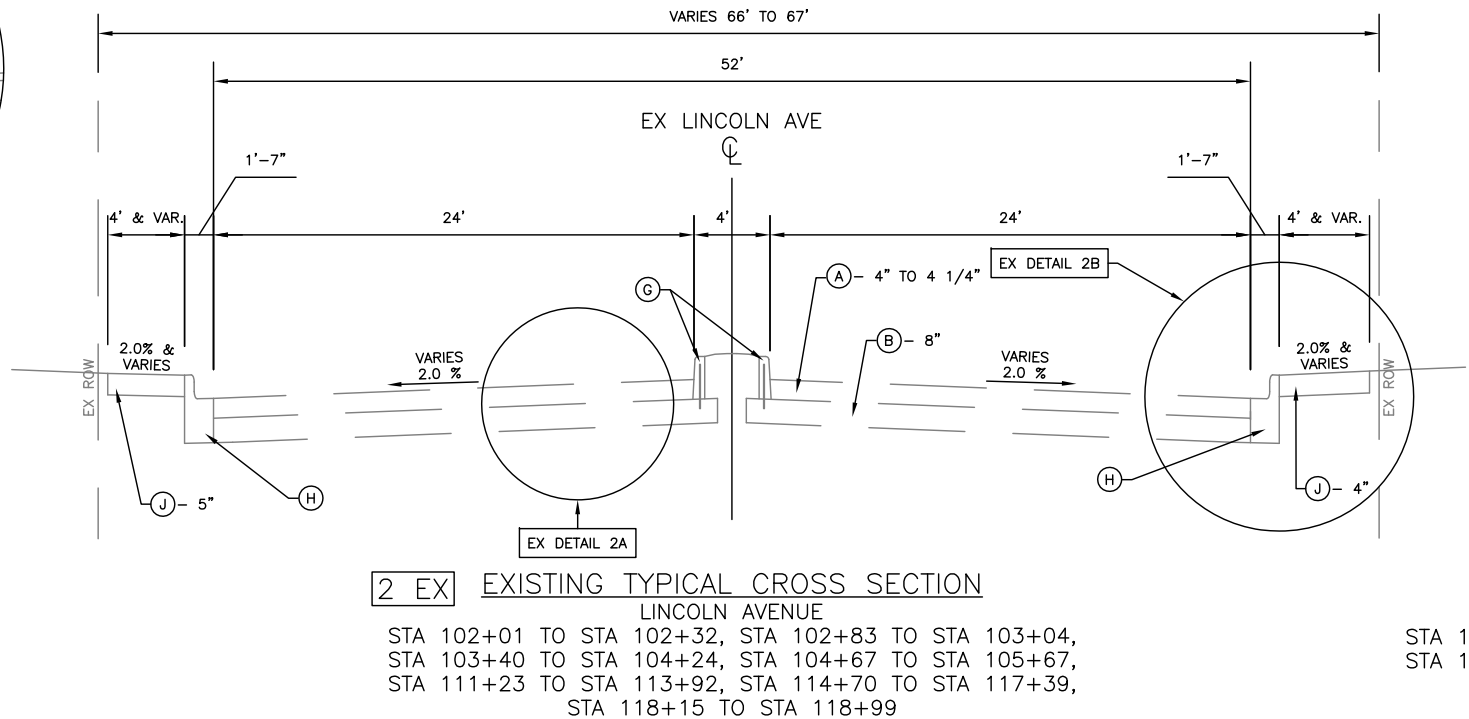
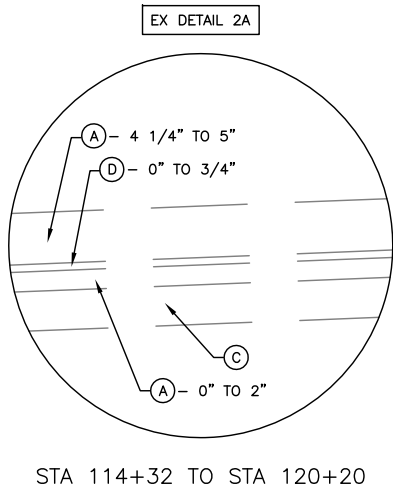
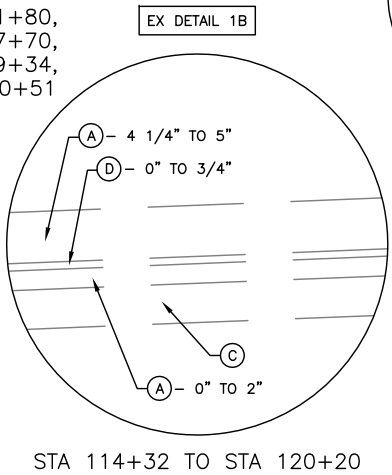
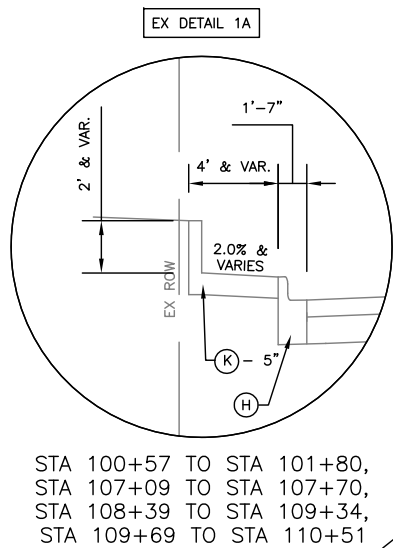
SCHEDULE OF QUANTITIES

SHEET NO.  
9  
OF  
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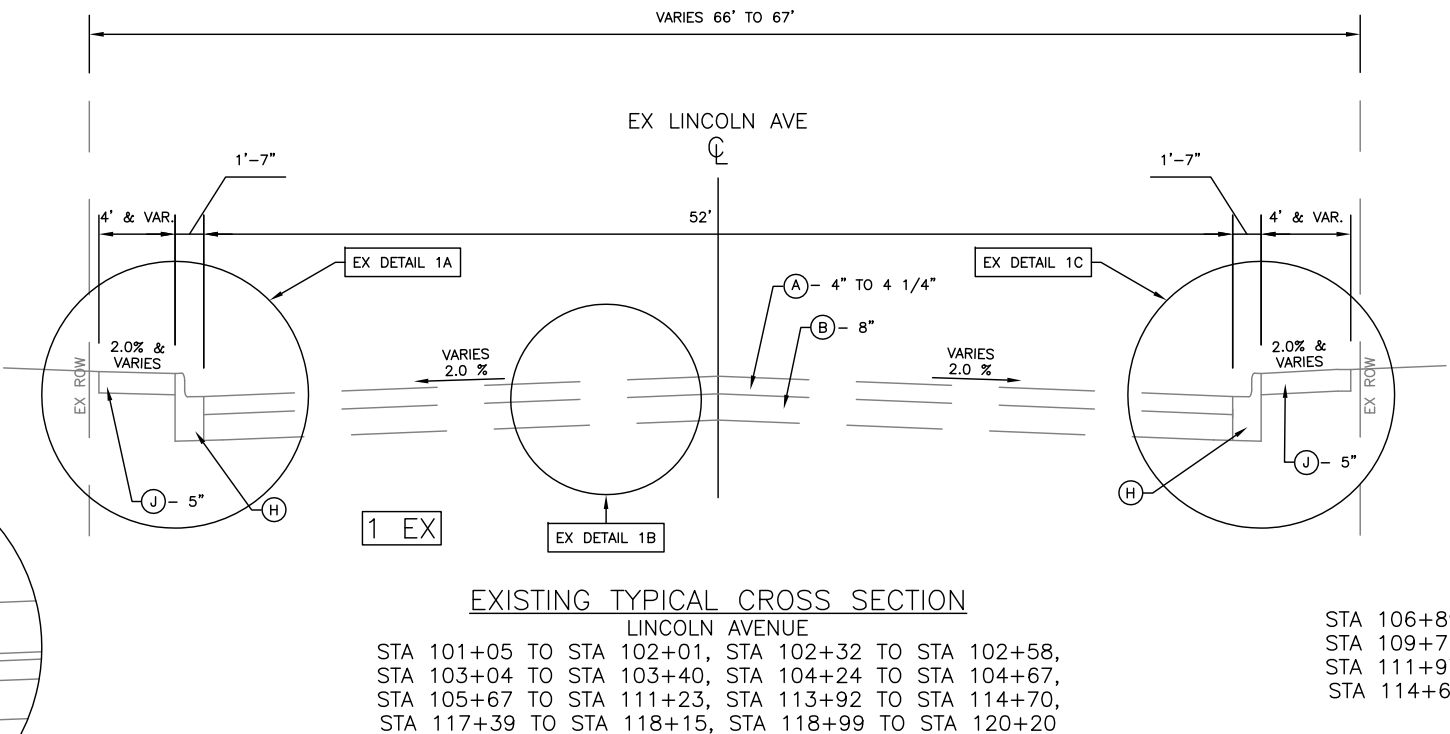
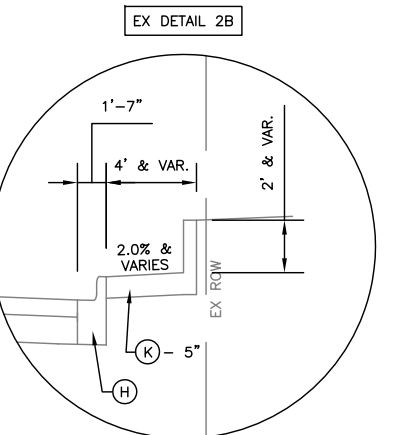


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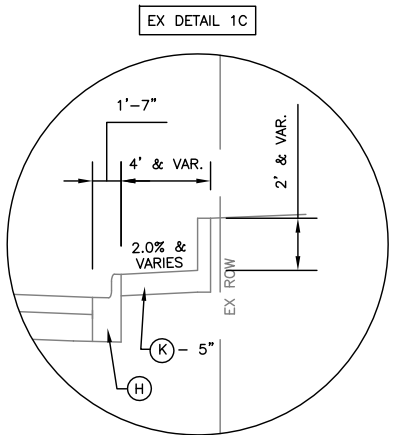
- LEGEND**
- (A) EX HOT-MIX ASPHALT BINDER/SURFACE COURSE
  - (B) EX PORTLAND CEMENT CONCRETE PAVEMENT
  - (C) EX BRICK
  - (D) EX BITUMINOUS MATERIALS
  - (E) EX SAND CUSHION
  - (F) EX SUB-BASE GRANULAR MATERIAL
  - (G) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B
  - (H) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (I) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.36
  - (J) EX PORTLAND CEMENT CONCRETE SIDEWALK
  - (K) EX PORTLAND CEMENT CONCRETE SIDEWALK WITH VARIABLE HEIGHT SIDEWALK CURB
  - (L) EX BRICK SIDEWALK



STA 111+19 TO STA 111+83, STA 111+97 TO STA 112+08,  
STA 112+25 TO STA 112+80, STA 114+64 TO STA 116+01,  
STA 116+22 TO STA 117+45



STA 106+89 TO STA 107+48, STA 108+47 TO STA 109+11,  
STA 109+71 TO STA 110+56, STA 111+19 TO STA 111+83,  
STA 111+97 TO STA 112+08, STA 112+25 TO STA 112+80,  
STA 114+64 TO STA 116+01, STA 116+22 TO STA 117+45



NOTE: EXISTING TYPICAL CROSS SECTIONS CORRELATE TO THE PROPOSED TYPICAL CROSS SECTIONS



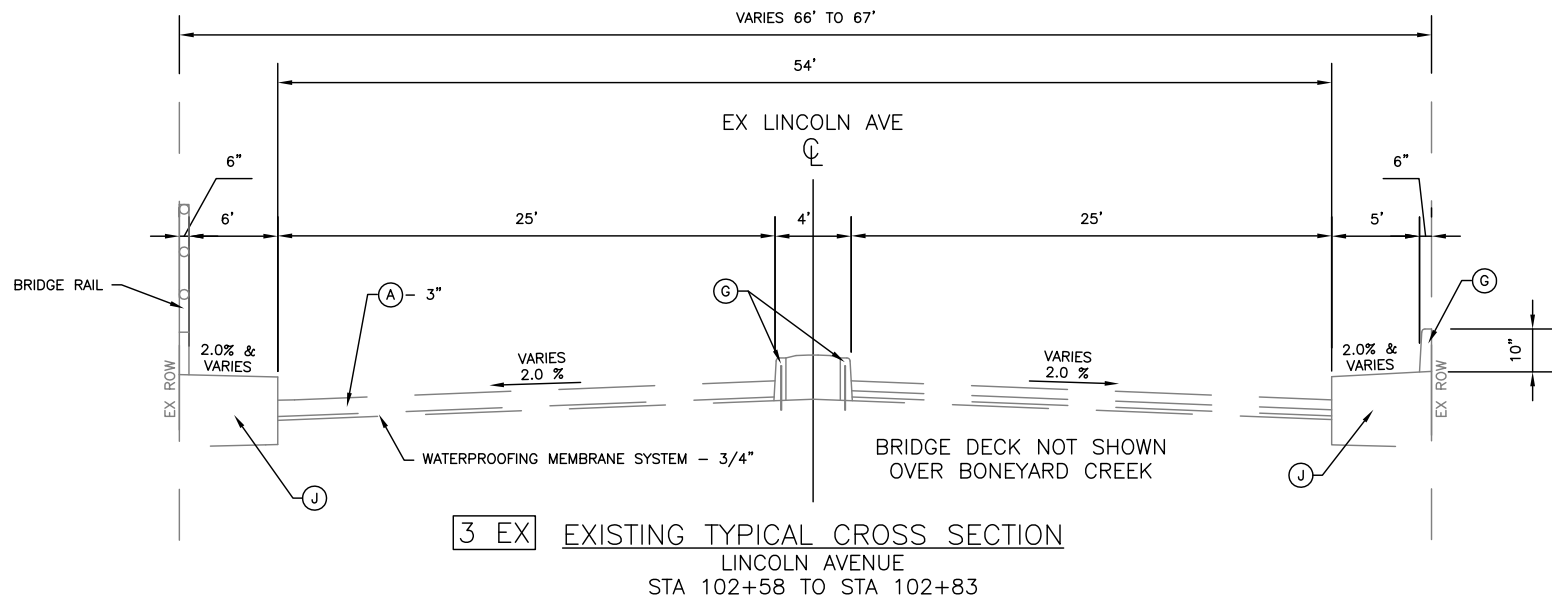
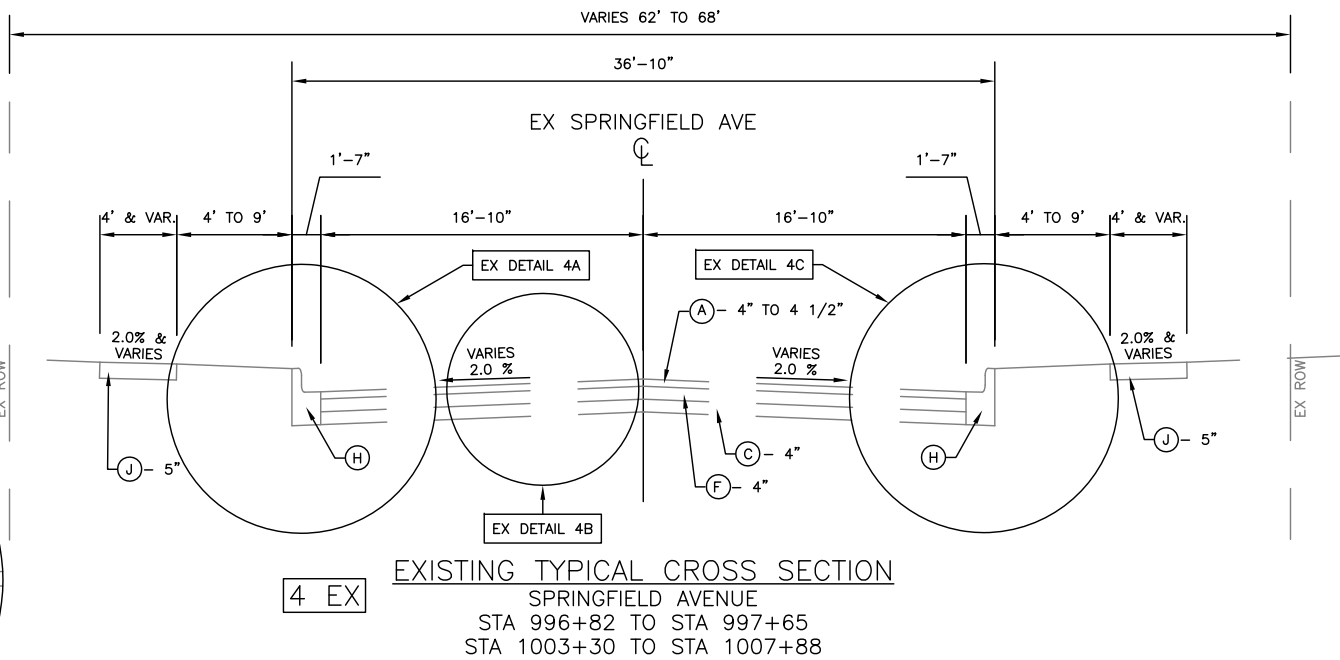
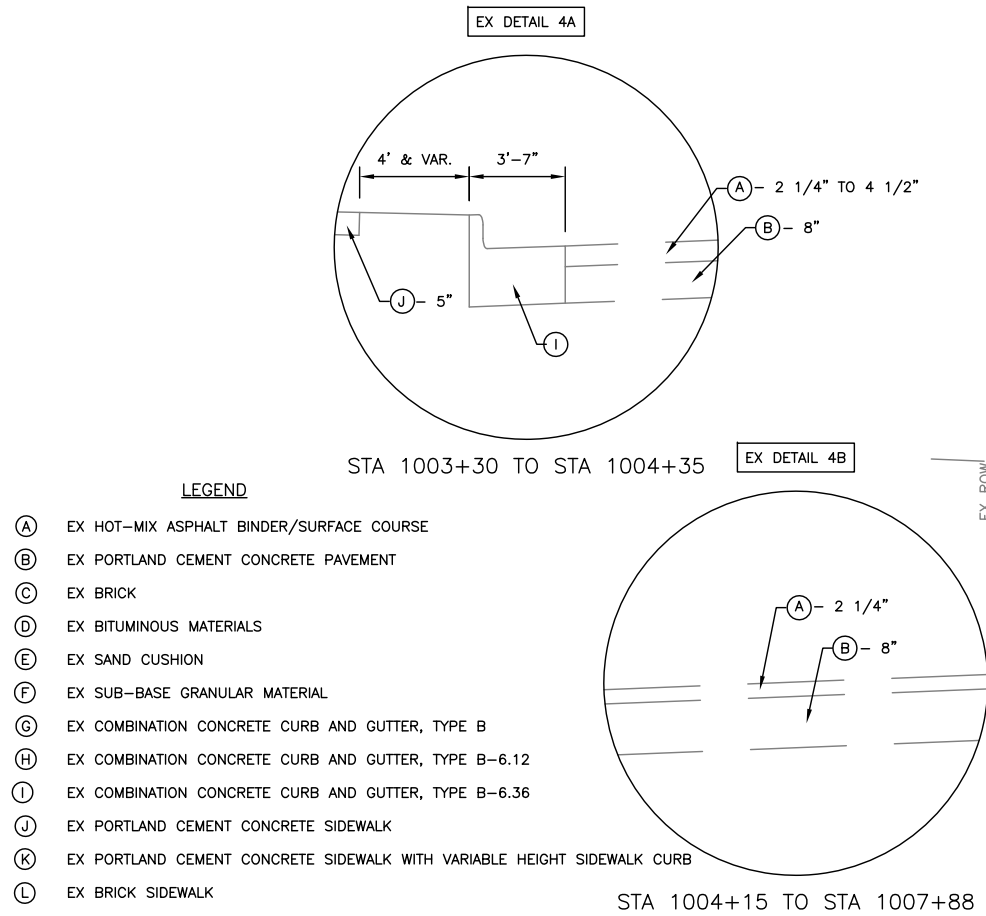
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PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
EXISTING TYPICAL SECTIONS

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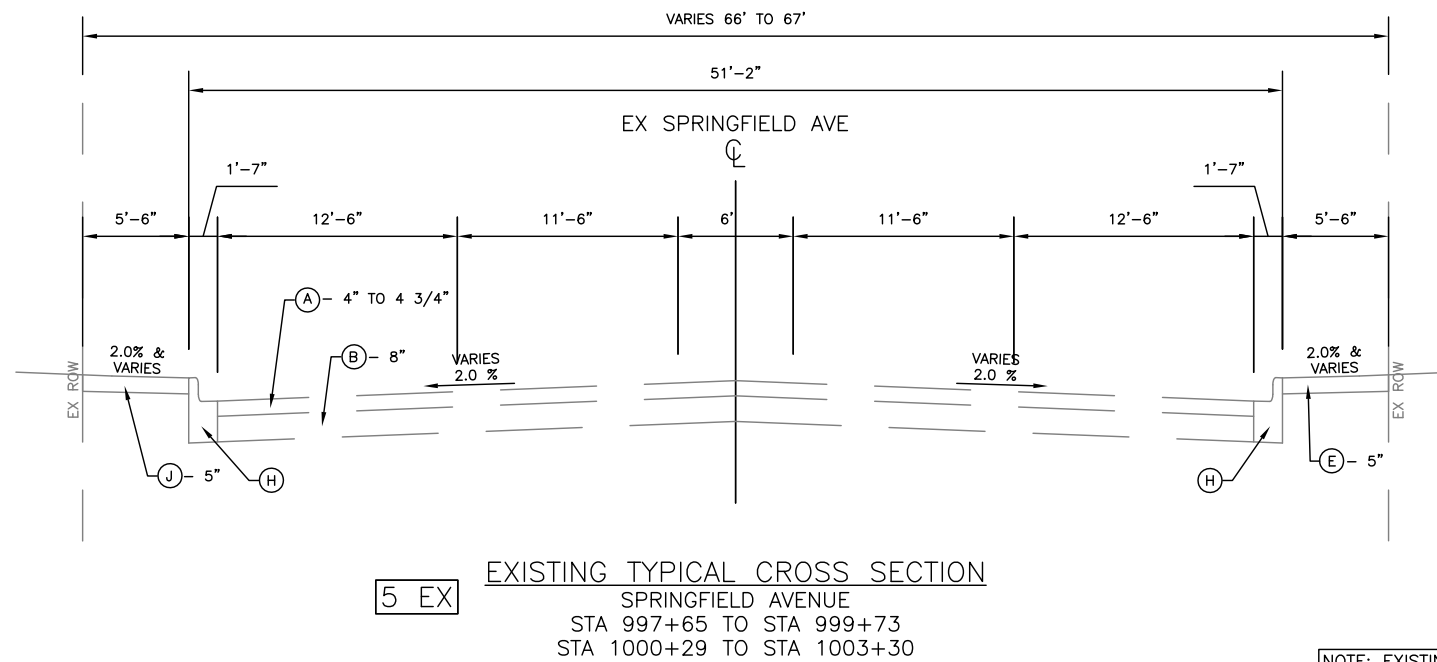
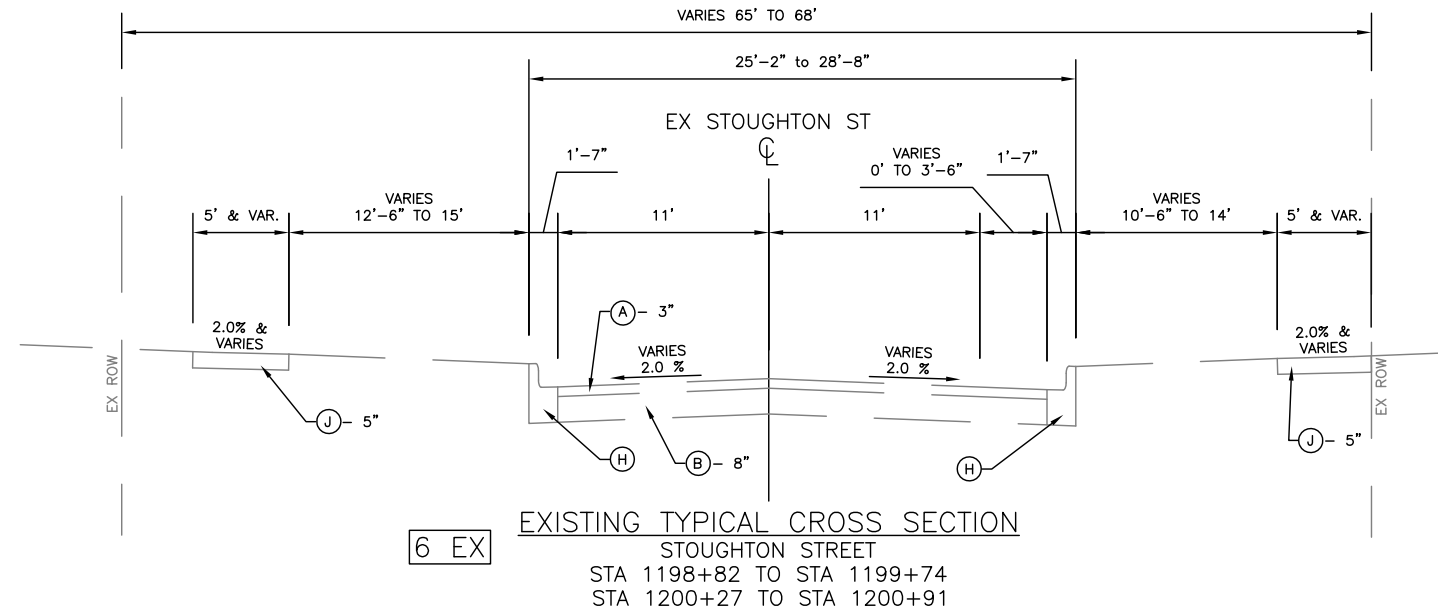
CITY SECTION

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LINCOLN & SPRINGFIELD RESURFACING  
EXISTING TYPICAL SECTIONS

SHEET NO.  
11  
OF  
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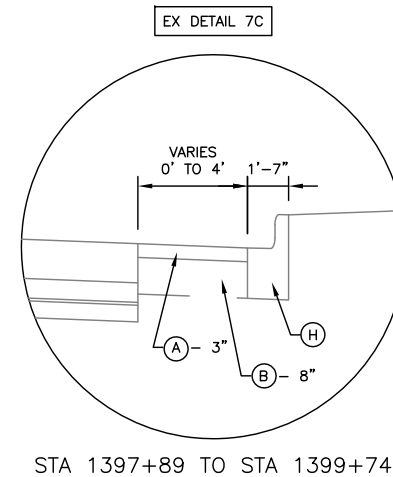
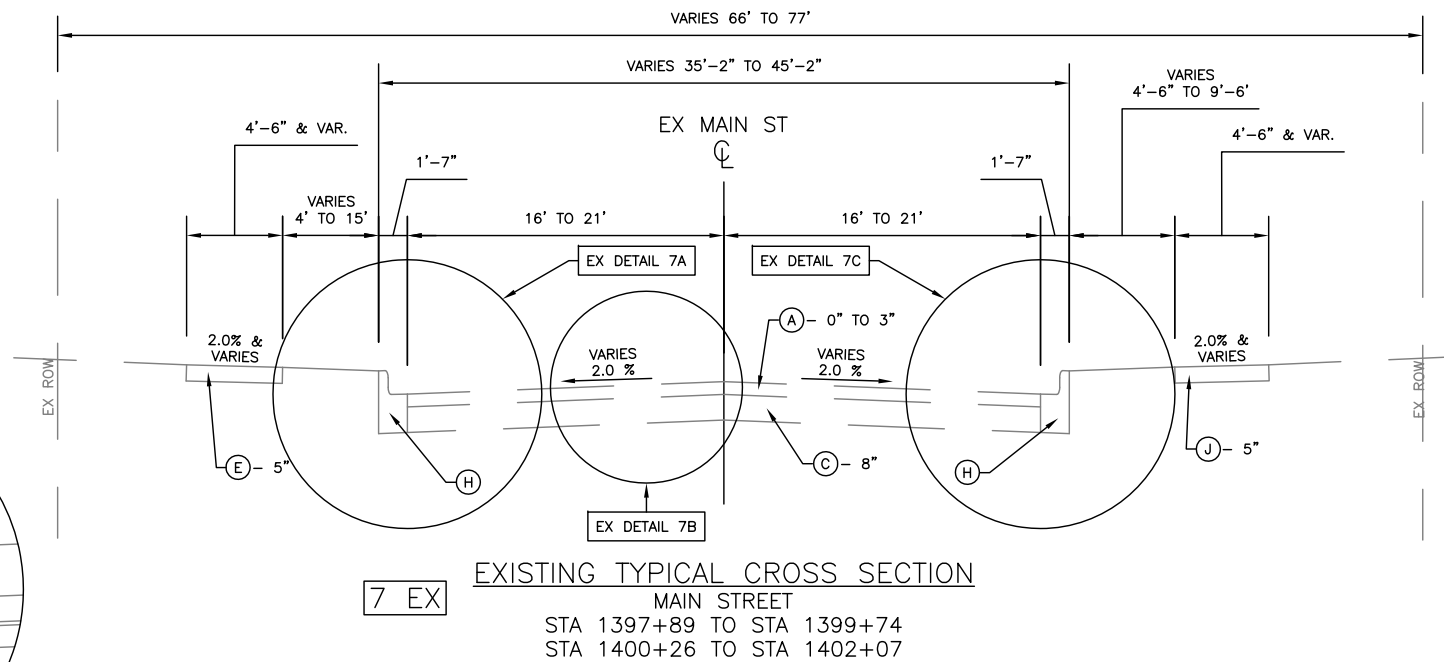
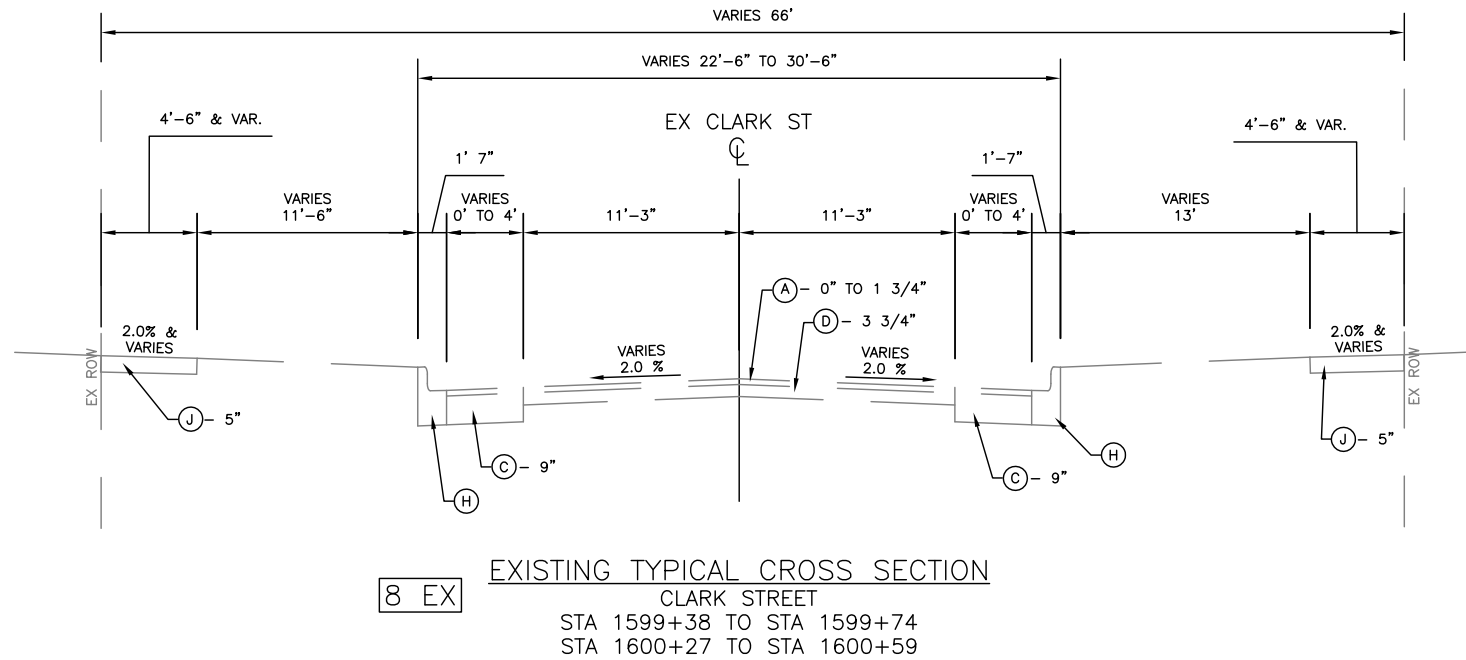
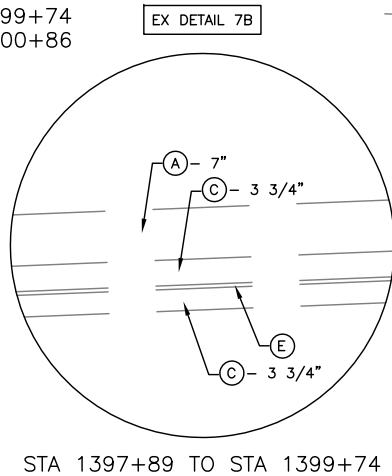
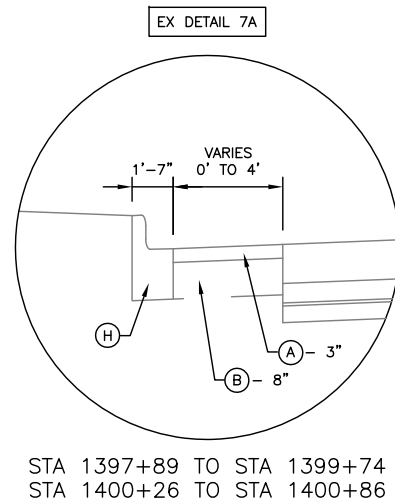
- (A) EX HOT-MIX ASPHALT BINDER/SURFACE COURSE
- (B) EX PORTLAND CEMENT CONCRETE PAVEMENT
- (C) EX BRICK
- (D) EX BITUMINOUS MATERIALS
- (E) EX SAND CUSHION
- (F) EX SUB-BASE GRANULAR MATERIAL
- (G) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B
- (H) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (I) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.36
- (J) EX PORTLAND CEMENT CONCRETE SIDEWALK
- (K) EX PORTLAND CEMENT CONCRETE SIDEWALK WITH VARIABLE HEIGHT SIDEWALK CURB
- (L) EX BRICK SIDEWALK



NOTE: EXISTING TYPICAL CROSS SECTION 5 EX CORRELATES TO BOTH PROPOSED TYPICAL CROSS SECTIONS 5a PR AND 5b PR.

APR 26 2021 10:24AM NEW EXISTING TYP. SECTIONS.DWG

- LEGEND**
- (A) EX HOT-MIX ASPHALT BINDER/SURFACE COURSE
  - (B) EX PORTLAND CEMENT CONCRETE PAVEMENT
  - (C) EX BRICK
  - (D) EX BITUMINOUS MATERIALS
  - (E) EX SAND CUSHION
  - (F) EX SUB-BASE GRANULAR MATERIAL
  - (G) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE B
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  - (L) EX BRICK SIDEWALK



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LINCOLN & SPRINGFIELD RESURFACING  
EXISTING TYPICAL SECTIONS

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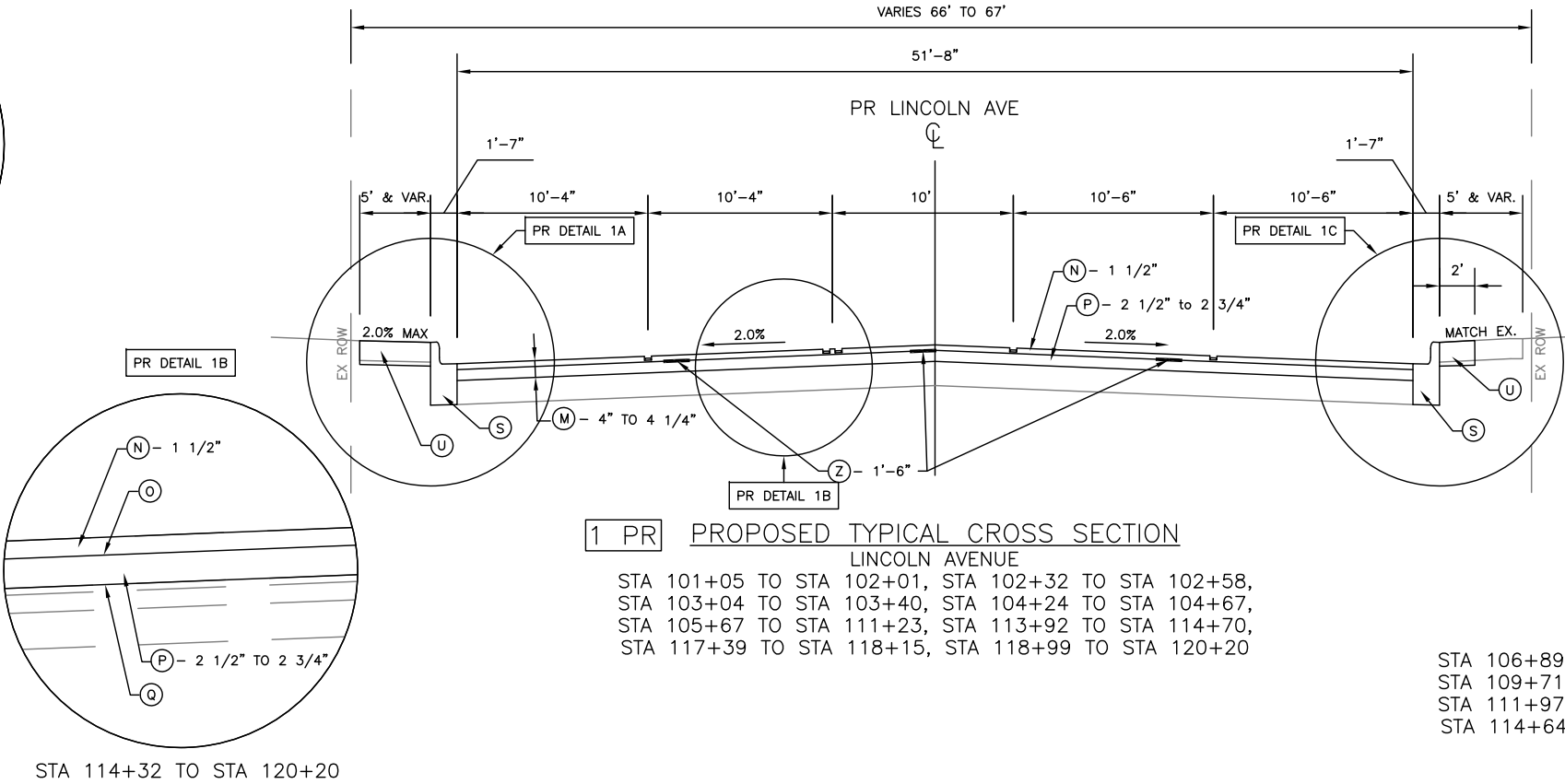
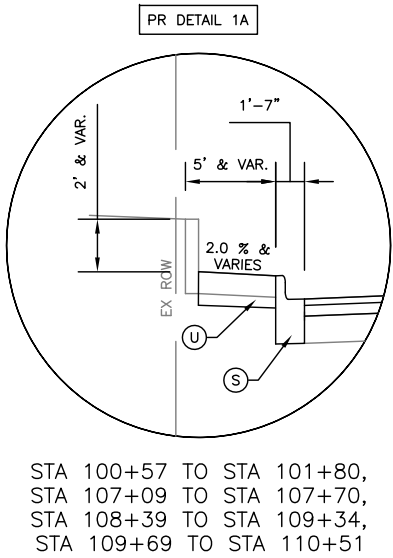
APR 26 2021 10:26AM NEW PROPOSED TYP SECTIONS.DWG

- LEGEND
- (M) PR PAVEMENT REMOVAL
  - (N) PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70
  - (O) PR BITUMINOUS MATERIALS (TACK COAT)
  - (P) PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
  - (Q) PR BITUMINOUS MATERIALS (PRIME COAT)
  - (R) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
  - (S) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (T) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.36
  - (U) PR PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
  - (V) PR TOPSOIL FURNISH AND PLACE
  - (W) PR SODDING, SALT TOLERANT
  - (X) PR GROOVING FOR RECESSED PAVEMENT MARKING, 5"
  - (Y) PR THERMOPLASTIC PAVEMENT MARKING
  - (Z) PR LONGITUDINAL JOINT SEALANT
  - (AA) PR BRICK SIDEWALK

- NOTES:
- MILL DEPTHS WILL BE TO THE CONCRETE BASE LAYER OR AS DETERMINED BY THE ENGINEER IN THE FIELD.
  - SEE PLAN SHEETS FOR THE EXACT LOCATIONS OF EDGES OF PAVEMENTS, CURB AND GUTTERS, AND RIGHT-OF-WAY LINES.
  - BITUMINOUS MATERIALS (PRIME COAT) SHALL BE APPLIED BETWEEN THE EXISTING PAVEMENT AND THE BINDER.
  - BITUMINOUS MATERIALS (TACK COAT) SHALL BE APPLIED BETWEEN ALL LIFTS OF HMA.
  - IF AN ANTI-STRIPPING ADDITIVE IS REQUIRED FOR ANY HOT-MIX ASPHALT MIXTURE, THE COST OF THE ADDITIVE WILL NOT BE PAID FOR SEPARATELY AS DESCRIBED IN ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS, BUT SHALL BE INCLUDED IN THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
  - LOCATION FOR LONGITUDINAL JOINT SEALANT TO BE DETERMINED BY APPROVED PAVING PLAN.
  - LONGITUDINAL JOINT SEALANT SHALL BE PLACED BETWEEN THE HMA BINDER AND SURFACE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	⑧	⑨
Location	North Lincoln Ave	North Lincoln Ave
Mixture Use	Surface	Level Binder
AC/PG	SBS PG 70-22	SBS PG 70-22
Design Air Voids	4.0% @ Ndes=70	4.0% @ Ndes=70
Mix Comp(Gradation)	IL 9.5	IL 9.5 FG
Friction Aggregate	Mix D	N.A.
Mixture Weight	112	112
Quality Management Program	QC/QA	QC/QA
Sublot Size	N.A.	N.A.



STA 100+57 TO STA 101+80,  
STA 107+09 TO STA 107+70,  
STA 108+39 TO STA 109+34,  
STA 109+69 TO STA 110+51

STA 114+32 TO STA 120+20

STA 106+89 TO STA 107+48, STA 108+47 TO STA 109+11,  
STA 109+71 TO STA 110+56, STA 111+19 TO STA 111+83,  
STA 111+97 TO STA 112+08, STA 112+25 TO STA 112+80,  
STA 114+64 TO STA 116+01, STA 116+22 TO STA 117+45



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
CITY SECTION  
17-00592-00-RS

DRAWN BY: CTH  
CHECKED BY: TAC

LINCOLN & SPRINGFIELD RESURFACING  
PROPOSED TYPICAL SECTIONS

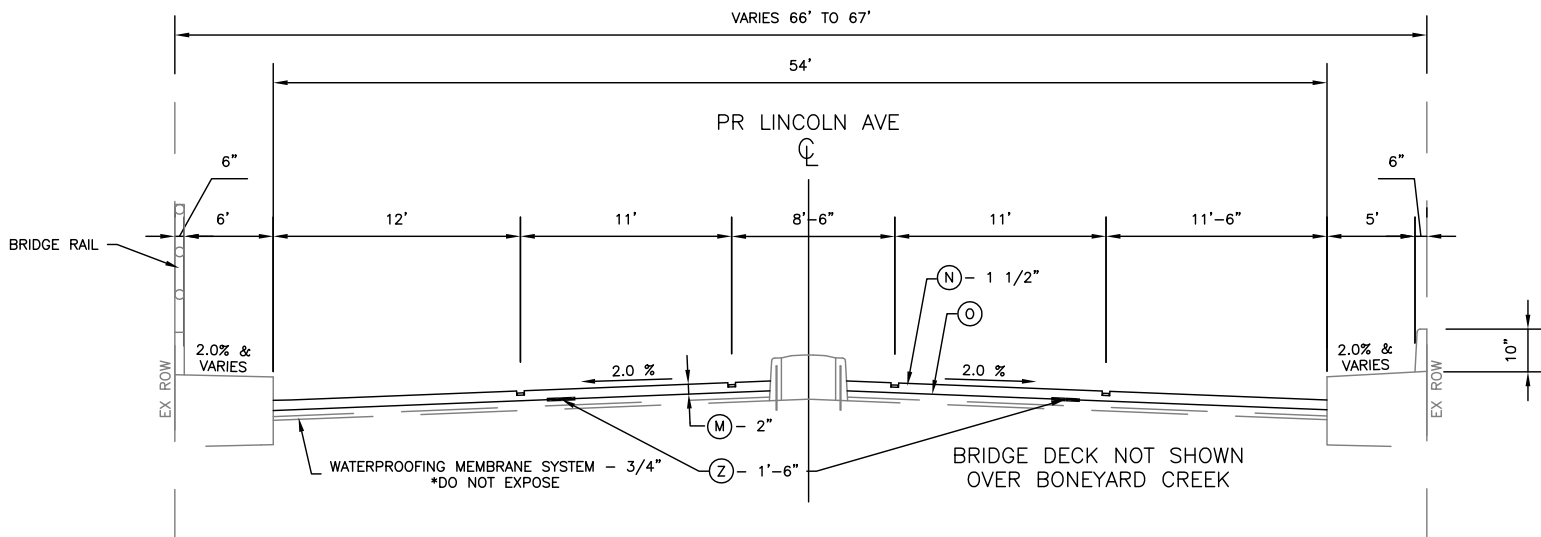
SHEET NO.  
14  
OF  
65



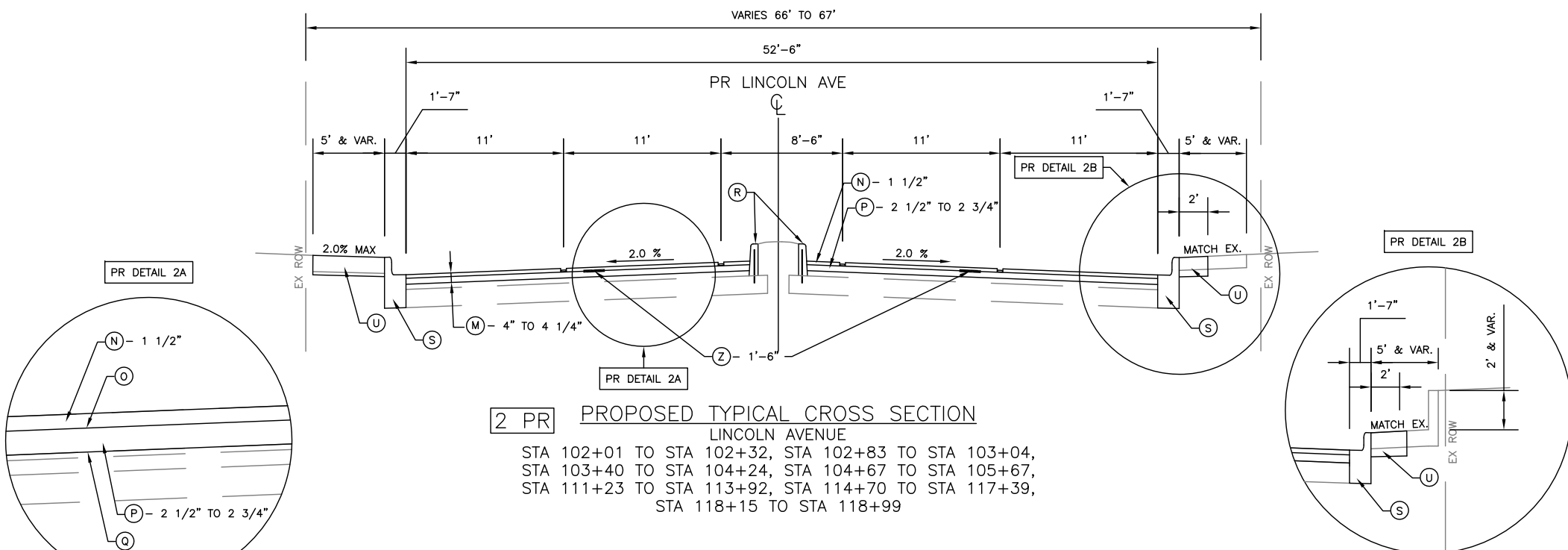
APR 26 2021 10:27AM NEW PROPOSED TYP SECTIONS.DWG

LEGEND

- (M) PR PAVEMENT REMOVAL
- (N) PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70
- (O) PR BITUMINOUS MATERIALS (TACK COAT)
- (P) PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
- (Q) PR BITUMINOUS MATERIALS (PRIME COAT)
- (R) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.36
- (U) PR PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
- (V) PR TOPSOIL FURNISH AND PLACE
- (W) PR SODDING, SALT TOLERANT
- (X) PR GROOVING FOR RECESSED PAVEMENT MARKING, 5"
- (Y) PR THERMOPLASTIC PAVEMENT MARKING
- (Z) PR LONGITUDINAL JOINT SEALANT
- (AA) PR BRICK SIDEWALK



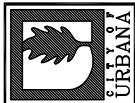
3 PR PROPOSED TYPICAL CROSS SECTION  
LINCOLN AVENUE  
STA 102+58 TO STA 102+83



2 PR PROPOSED TYPICAL CROSS SECTION  
LINCOLN AVENUE  
STA 102+01 TO STA 102+32, STA 102+83 TO STA 103+04,  
STA 103+40 TO STA 104+24, STA 104+67 TO STA 105+67,  
STA 111+23 TO STA 113+92, STA 114+70 TO STA 117+39,  
STA 118+15 TO STA 118+99

STA 114+32 TO STA 120+20

STA 111+19 TO STA 111+83, STA 111+97 TO STA 112+08,  
STA 112+25 TO STA 112+80, STA 114+64 TO STA 116+01,  
STA 116+22 TO STA 117+45



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

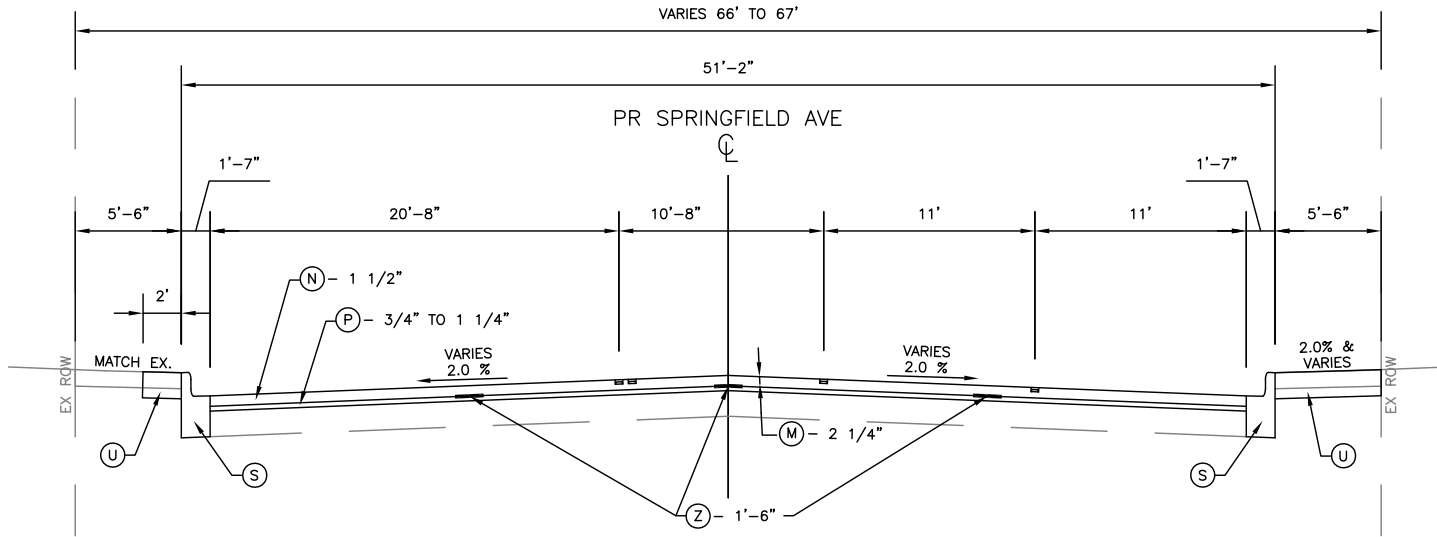
DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PROPOSED TYPICAL SECTIONS

SHEET NO.  
15  
OF  
65

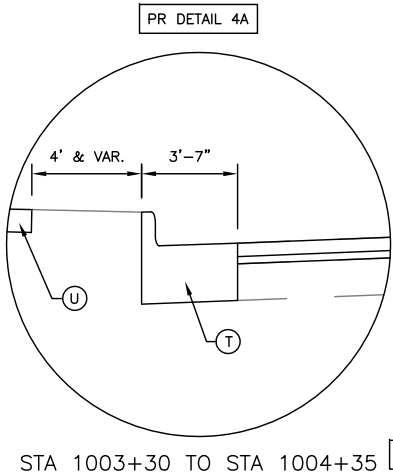
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- LEGEND**
- (M) PR PAVEMENT REMOVAL
  - (N) PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70
  - (O) PR BITUMINOUS MATERIALS (TACK COAT)
  - (P) PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
  - (Q) PR BITUMINOUS MATERIALS (PRIME COAT)
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  - (W) PR SODDING, SALT TOLERANT
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  - (Y) PR THERMOPLASTIC PAVEMENT MARKING
  - (Z) PR LONGITUDINAL JOINT SEALANT
  - (AA) PR BRICK SIDEWALK

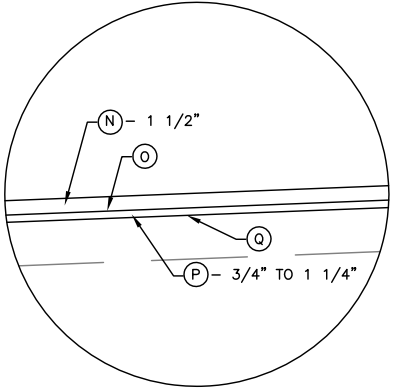


5a PR

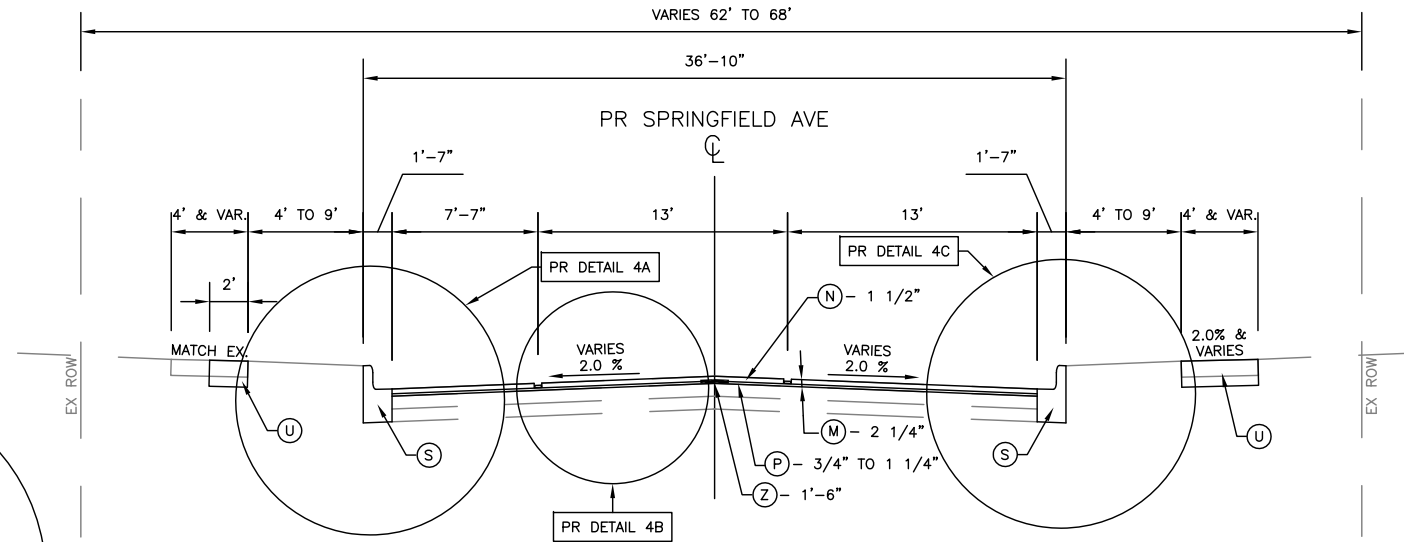
**PROPOSED TYPICAL CROSS SECTION**  
SPRINGFIELD AVENUE  
STA 997+65 TO STA 999+73



STA 1003+30 TO STA 1004+35

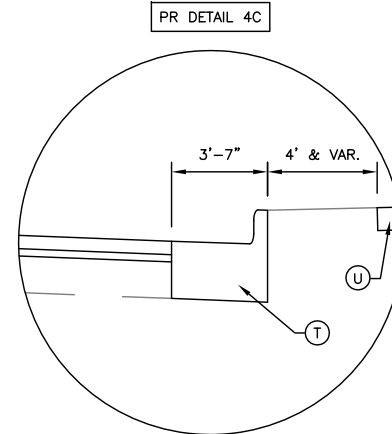


STA 1004+15 TO STA 1007+88



4 PR

**PROPOSED TYPICAL CROSS SECTION**  
SPRINGFIELD AVENUE  
STA 996+82 TO STA 997+65  
STA 1003+30 TO STA 1007+88



STA 1004+14 TO STA 1004+35



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
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CITY SECTION  
17-00592-00-RS

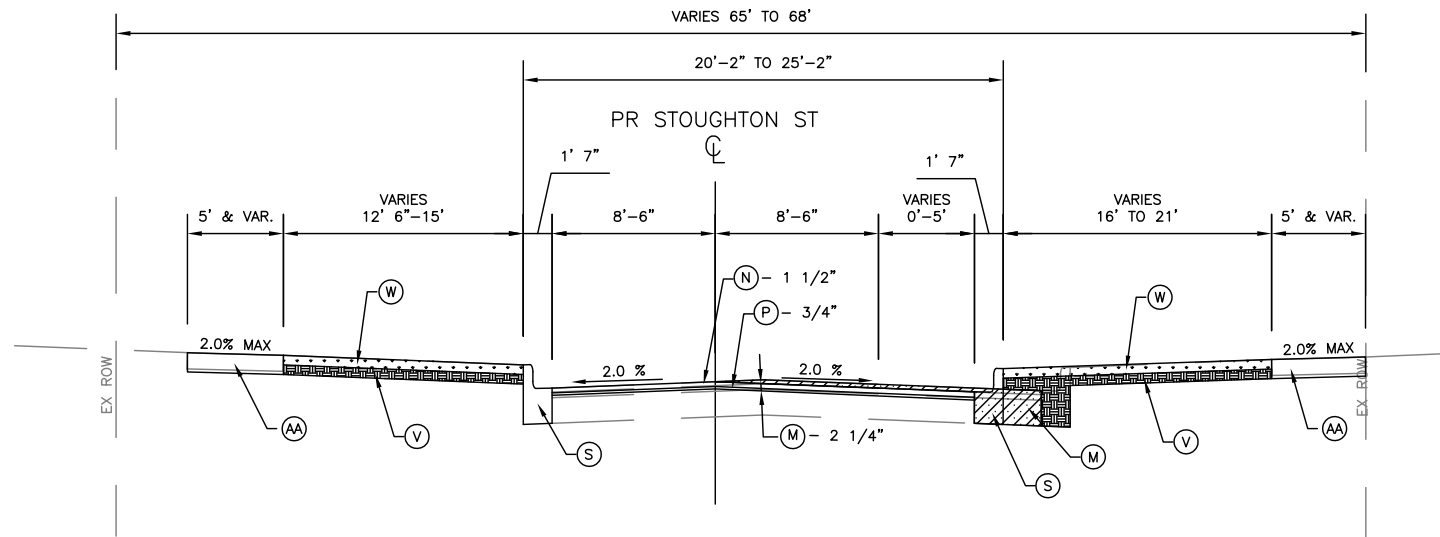
LINCOLN & SPRINGFIELD RESURFACING  
PROPOSED TYPICAL SECTIONS

SHEET NO.  
16  
OF  
65

APR 26 2021 10:28AM NEW PROPOSED TYP SECTIONS.DWG

### LEGEND

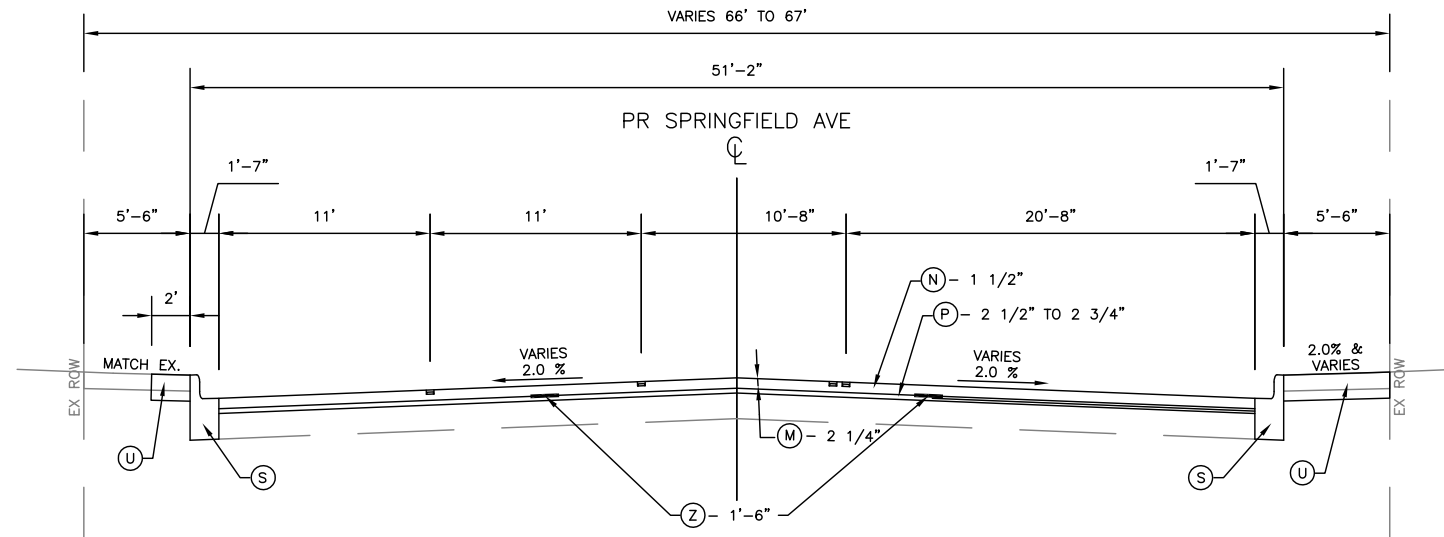
- (M) PR PAVEMENT REMOVAL
- (N) PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70
- (O) PR BITUMINOUS MATERIALS (TACK COAT)
- (P) PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
- (Q) PR BITUMINOUS MATERIALS (PRIME COAT)
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- (X) PR GROOVING FOR RECESSED PAVEMENT MARKING, 5"
- (Y) PR THERMOPLASTIC PAVEMENT MARKING
- (Z) PR LONGITUDINAL JOINT SEALANT
- (AA) PR BRICK SIDEWALK



### PROPOSED TYPICAL CROSS SECTION

6 PR

STOUGHTON STREET  
STA 1198+82 TO STA 1199+74  
STA 1200+27 TO STA 1200+91



### PROPOSED TYPICAL CROSS SECTION

5b PR

SPRINGFIELD AVENUE  
STA 1000+29 TO STA 1003+30



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26

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17-00592-00-RS

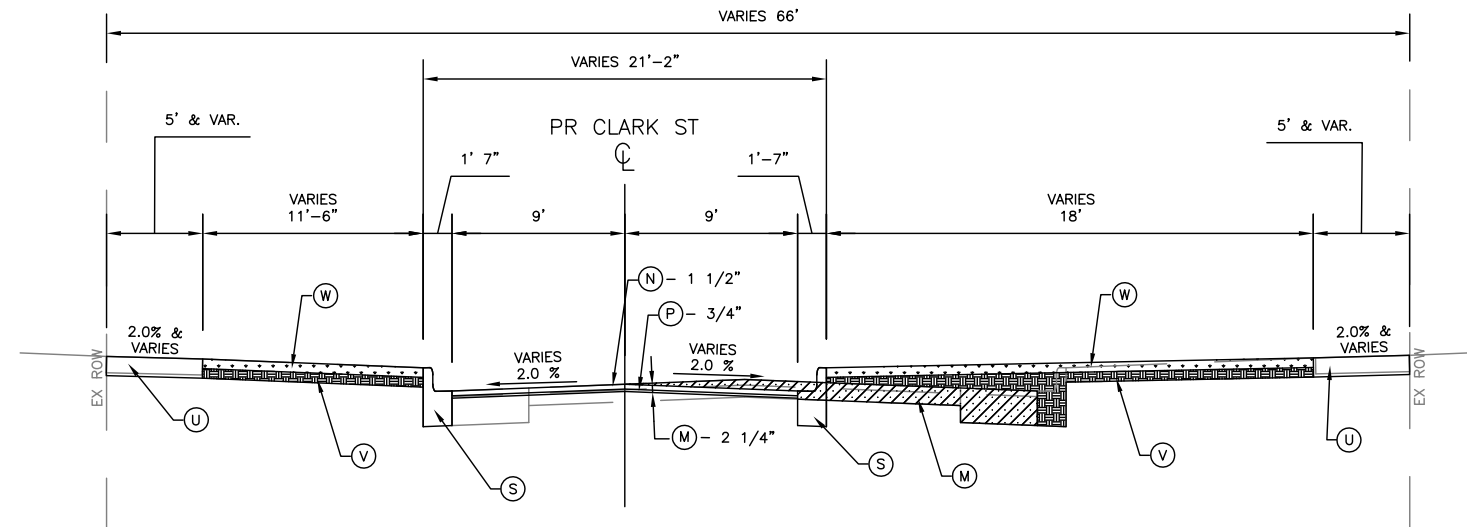
LINCOLN & SPRINGFIELD RESURFACING  
PROPOSED TYPICAL SECTIONS

SHEET NO.  
17  
OF  
65

APR 26 2021 10:29AM NEW PROPOSED TYP SECTIONS.DWG

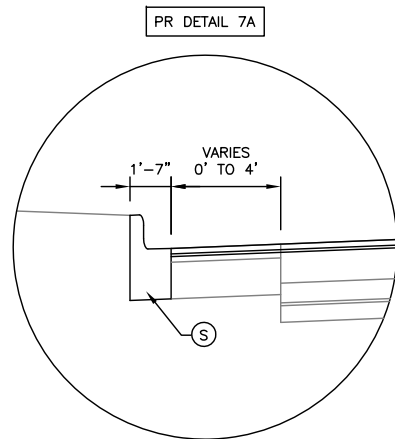
### LEGEND

- (M) PR PAVEMENT REMOVAL
- (N) PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70
- (O) PR BITUMINOUS MATERIALS (TACK COAT)
- (P) PR POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
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- (Z) PR LONGITUDINAL JOINT SEALANT
- (AA) PR BRICK SIDEWALK

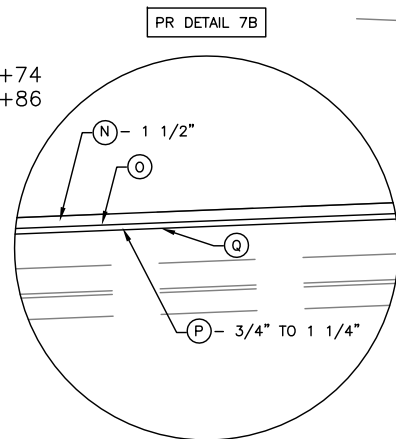


8 PR

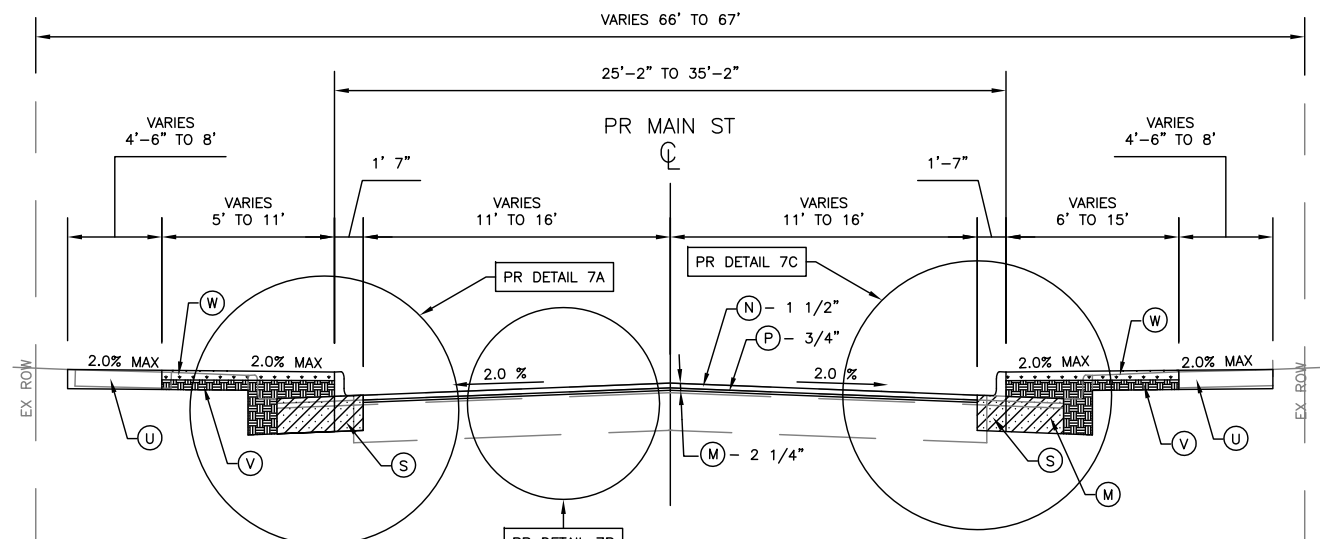
PROPOSED TYPICAL CROSS SECTION  
CLARK STREET  
STA 1599+38 TO STA 1599+74  
STA 1600+27 TO STA 1600+59



STA 1397+89 TO STA 1399+74  
STA 1400+26 TO STA 1400+86

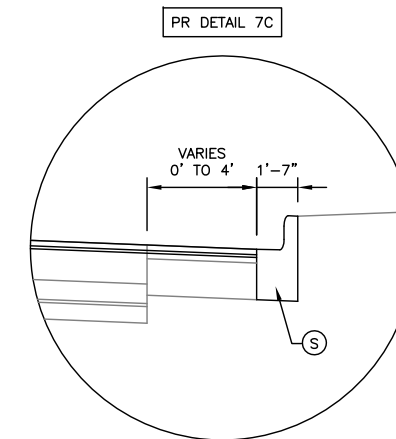


STA 1397+89 TO STA 1399+74



7 PR

PROPOSED TYPICAL CROSS SECTION  
MAIN STREET  
STA 1397+89 TO STA 1399+74  
STA 1400+26 TO STA 1402+07



STA 1397+89 TO STA 1399+74



CITY OF URBANA  
PUBLIC WORKS  
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CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PROPOSED TYPICAL SECTIONS

SHEET NO.  
18  
OF  
65

APR 26 2021 10:30AM TYPICAL SECTION DETAILS.DWG

- LEGEND
- (M) PR PAVEMENT REMOVAL
  - (N) PR POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
  - (O) PR BITUMINOUS MATERIALS (TACK COAT)
  - (P) PR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70
  - (Q) PR BITUMINOUS MATERIALS (PRIME COAT)
  - (R) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
  - (S) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (T) PR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.36
  - (U) PR PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
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  - (Y) PR THERMOPLASTIC PAVEMENT MARKING
  - (Z) PR LONGITUDINAL JOINT SEALANT
  - (AA) PR BRICK SIDEWALK

NOTE: SEE PLAN SHEETS FOR THE LOCATIONS OF BRICK AND CONCRETE SIDEWALK AS WELL AS CURB & GUTTER REMOVAL AND REPLACEMENT.

NOTE: TYPICAL THICKNESS OF MILL DEPTHS WILL BE SHOWN ON THE REMOVAL SHEETS:

MILLING LOCATIONS	
LOCATION	MILL DEPTH
LINCOLN AVENUE	
STA 101+05 TO STA 102+56	4"
STA 102+56 TO STA 102+90	2"
STA 102+90 TO STA 105+82	4"
STA 105+82 TO STA 107+47	4 1/4"
STA 107+47 TO STA 117+50	4"
STA 117+50 TO STA 120+20	4 1/4"
SPRINGFIELD AVENUE	
STA 997+16 TO STA 999+73	2 1/4"
STA 1000+29 TO STA 1004+15	2 3/4"
STA 1004+15 TO STA 1007+88	2 1/4"
STOUGHTON STREET	
STA 1198+82 TO STA 1199+74	2 1/4"
STA 1200+27 TO STA 1200+91	2 1/4"
MAIN STREET	
STA 1397+89 TO STA 1399+74	2 1/4"
STA 1400+26 TO STA 1400+86	2 1/4"
CLARK STREET	
STA 1599+38 TO STA 1599+74	2 1/4"
STA 1600+27 TO STA 1600+59	2 1/4"



CITY OF URBANA  
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DATED:

CHECKED BY: TAC

DESIGNED BY: SLB

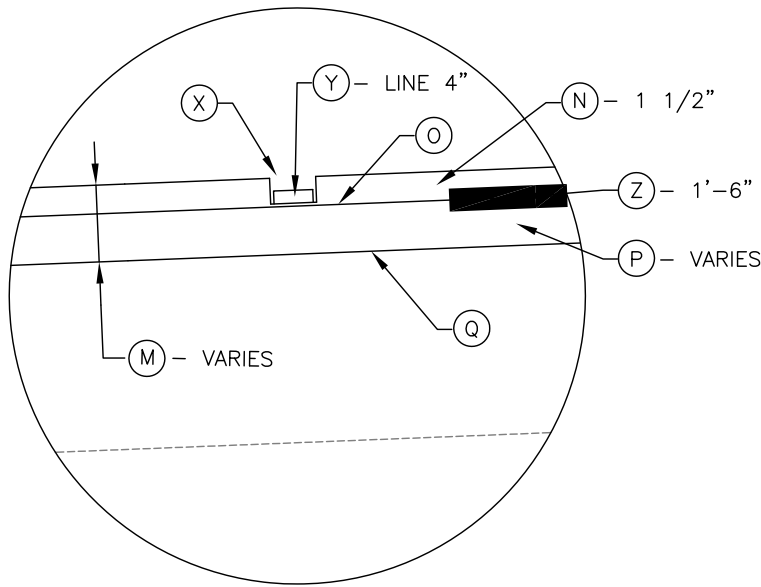
CITY SECTION

LINCOLN & SPRINGFIELD RESURFACING

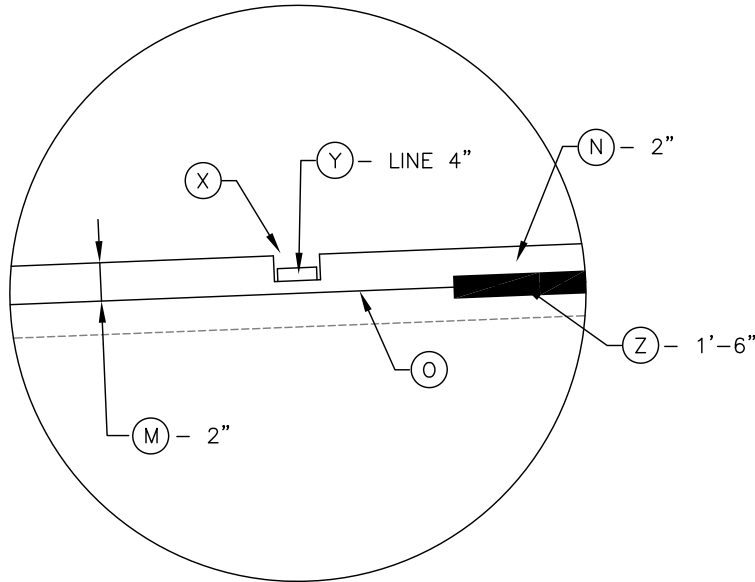
TYPICAL SECTION DETAILS

SHEET NO.  
19  
OF  
65

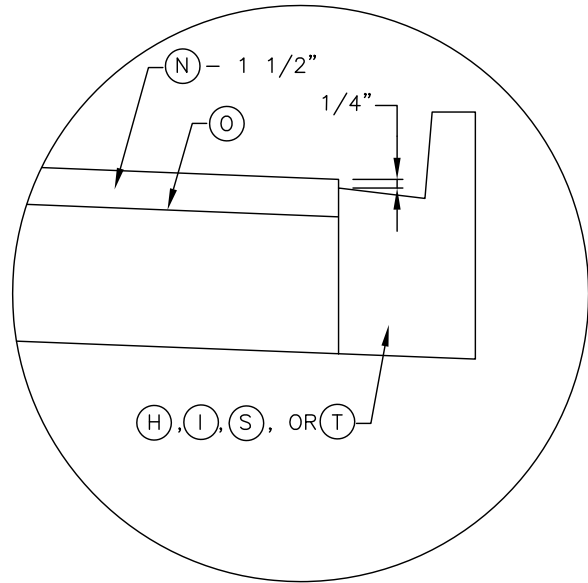
17-00592-00-RS



HOT-MIX ASPHALT SURFACE  
REMOVAL AND REPLACEMENT

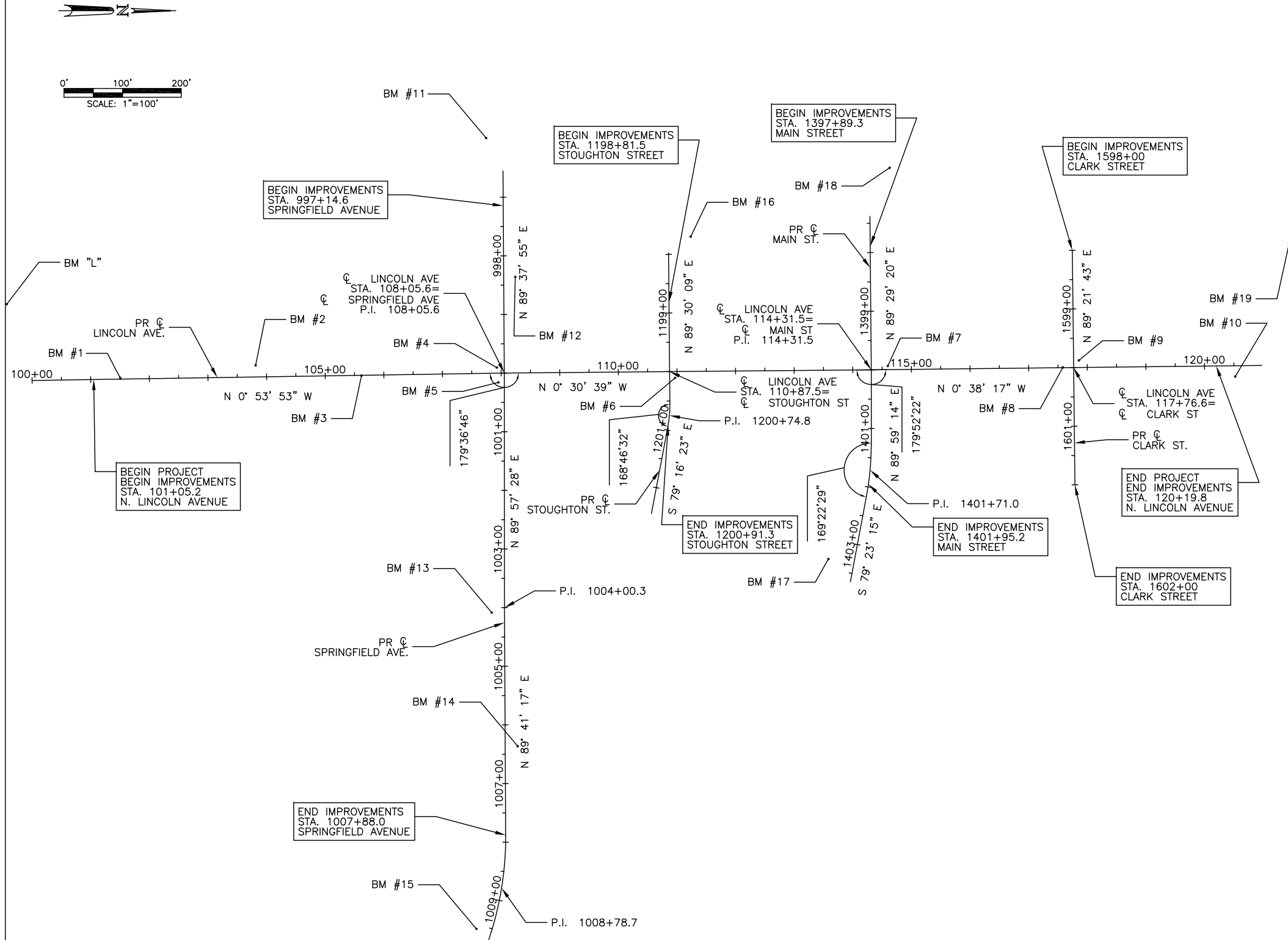


HOT-MIX ASPHALT SURFACE  
REMOVAL AND REPLACEMENT OVER  
BRIDGE DECK



OVERLAY ADJACENT TO COMBINATION  
CONCRETE CURB AND GUTTER





BENCHMARK LEGEND

- BM "L": N.W. CAP BOLT OF FH IN THE S.W. QUAD OF CONC BASE FOR GOODWIN AVE.  
ELEV. = 720.36

BM #1: CHISELED SQUARE AT TOP S.W. COR OF CONC STREET LIGHT BASE ON THE  $\phi$  OF LINCOLN AVE. AND +/- 209 FT N. OF THE  $\phi$  OF GREEN ST.  
ELEV. = 715.55

BM #2: TOP FLANGE BOLT BETWEEN "MUE" AND "LLER" ON THE FH +/- 34 FT W. OF THE  $\phi$  OF LINCOLN AVE. AND +/- 384 FT N. OF THE  $\phi$  OF GREEN ST.  
ELEV. = 715.59

BM #3: CHISELED SQUARE AT TOP S.W. COR OF CONC STREET LIGHT BASE ON THE  $\phi$  OF LINCOLN AVE. AND +/- 244 FT S. OF THE  $\phi$  OF SPRINGFIELD AVE. AND +/- 33 FT S. OF THE  $\phi$  OF WESTERN AVE.  
ELEV. = 716.88

BM #4: CHISELED SQUARE AT TOP E. SIDE OF CONC BASE FOR TRAFFIC SIGNAL MAST AT THE S.W. COR OF THE SPRINGFIELD AVE. AND LINCOLN AVE. INTERSECTION  
ELEV. = 719.86

BM #5: TOP FLANGE BOLT BETWEEN "MUE" AND "LLER" ON THE FH AT THE S.E. COR OF THE SPRINGFIELD AVE. AND LINCOLN AVE. INTERSECTION  
ELEV. = 722.07

BM #6: TOP CENTER HEX BOLT ON THE FH AT THE N.E. COR OF THE STOUGHTON ST. AND LINCOLN AVE. INTERSECTION  
ELEV. = 725.44

BM #7: TOP CENTER HEX BOLT ON THE FH AT THE N.W. COR OF THE MAIN ST. AND LINCOLN AVE. INTERSECTION  
ELEV. = 729.85

BM #8: CHISELED SQUARE AT TOP N.E. COR OF CONC STREET LIGHT BASE ON THE  $\phi$  OF LINCOLN AVE. AND +/- 44 FT S. OF THE  $\phi$  OF CLARK ST.  
ELEV. = 726.67

BM #9: TOP CENTER HEX BOLT ON THE FH AT THE N.W. COR OF THE CLARK ST. AND LINCOLN AVE. INTERSECTION  
ELEV. = 727.08
- BM #10: CHISELED SQUARE AT TOP WESTERLY SIDE OF CONC BASE FOR TRAFFIC SIGNAL MAST AT THE S.E. COR OF THE UNIVERSITY AVE. AND LINCOLN AVE. INTERSECTION  
ELEV. = 724.72

BM #11: TOP FLANGE BOLT BETWEEN "MUE" AND "LLER" ON THE FH AT THE S.W. COR OF THE SPRINGFIELD AVE. AND GREGORY ST. INTERSECTION  
ELEV. = 719.34

BM #12: CHISELED SQUARE AT TOP S. SIDE OF CONC STREET LIGHT BASE +/- 30 FT N. OF THE  $\phi$  OF SPRINGFIELD AVE. AND +/- 163 FT W. OF THE  $\phi$  OF LINCOLN AVE.  
ELEV. = 719.96

BM #13: TOP FLANGE BOLT BETWEEN "MUE" AND "LLER" ON THE FH AT THE S.W. COR OF THE SPRINGFIELD AVE. AND BUESY AVE. INTERSECTION  
ELEV. = 720.12

BM #14: S.E. COR OF TOP CONC STEP IN FRONT OF 708 SPRINGFIELD AVE. +/- 23 FT N. OF THE  $\phi$  OF SPRINGFIELD AVE. AND +/- 194 FT E. OF THE  $\phi$  OF BUESY AVE.  
ELEV. = 717.60

BM #15: TOP FLANGE BOLT BETWEEN "MUE" AND "LLER" ON THE FH AT THE S.E. COR OF THE SPRINGFIELD AVE. AND COLER AVE. INTERSECTION  
ELEV. = 714.27

BM #16: S.E. COR OF TOP CONC STEP IN FRONT OF 908 STOUGHTON ST. +/- 37 FT N. OF THE  $\phi$  OF STOUGHTON ST. AND +/- 230 FT W. OF THE  $\phi$  OF LINCOLN AVE.  
ELEV. = 721.90

BM #17: N.E. COR OF TOP CONC STEP IN FRONT OF 807 MAIN ST. +/- 43 FT S. OF THE  $\phi$  OF MAIN ST. AND +/- 321 FT E. OF THE  $\phi$  OF LINCOLN AVE.  
ELEV. = 729.89

BM #18: TOP CENTER HEX BOLT ON THE FH AT THE N.E. COR OF THE MAIN ST. AND GREGORY ST. INTERSECTION  
ELEV. = 729.79

BM #19: TOP FLANGE BOLT ON S. SIDE OF FH. N. SIDE OF UNIVERSITY AVE +/- THE  $\phi$  OF GREGORY ST. EXT. (IDOT BM 4677-4)  
ELEV. = 727.07



CITY OF URBANA  
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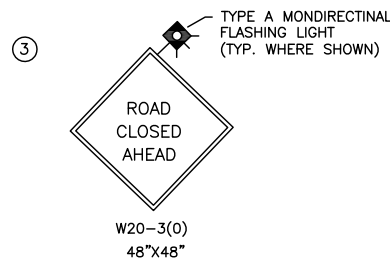
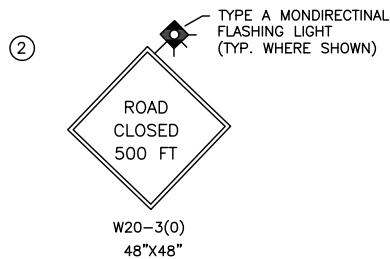
LINCOLN & SPRINGFIELD RESURFACING  
HORIZONTAL ALIGNMENT LAYOUT  
AND CONTROL - LINCOLN AVENUE

SHEET NO.  
20  
OF  
65

APR 26 2021 10:35AM STAGE CONSTRUCTION.DWG

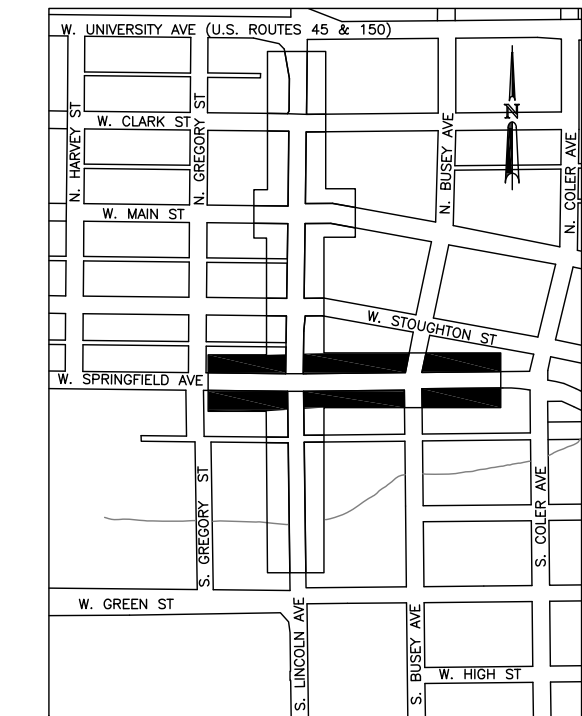
LEGEND

-  WORK ZONE
-  SIGN ON PERMANENT SUPPORT
- NOTE: 48" X 48" MAY BE SUBSTITUTED FOR 36" X 36" SIGNS.
-  CHANGEABLE MESSAGE SIGN
-  ① STAGGERED FOR LOCAL ACCESS. TYPE III BARRICADES WITH TWO (2) TYPE A FLASHING LIGHTS PER BARRICADE AND SIGNED 5 "ROAD CLOSED TO THRU TRAFFIC" PER STANDARD BLR 22-7
- TRAFFIC CONTROL STANDARDS
- THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS PROJECT.
- | STANDARD | APPLICATION   |
|----------|---|
| 701006   | OFF-ROAD 15' TO 24" FROM PAVEMENT EDGE  |
| 701501   | LANE CLOSURE UNDER TWO-WAY TRAFFIC  |
| 701801   | SIDEWALK OR CROSSWALK CLOSURE.  |
| 701901   | ALL TRAFFIC CONTROL DEVICES.  |
| BLR 22   | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS. (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC) |

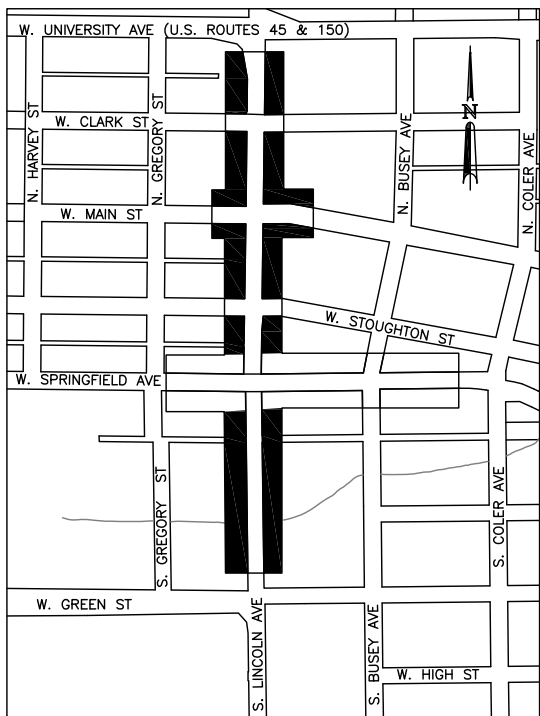


STAGING NOTES

1. THE STAGING SHOWN IS THE SUGGESTED CONSTRUCTION STAGING FOR THIS PROJECT. THE KEY NOTES INCLUDED IN STAGES 3 SHALL APPLY TO ANY CONSTRUCTION STAGE SEQUENCING CHANGES.
2. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORISTS AND PROVIDE ORGANIZATION TO PROJECT CONSTRUCTION.
3. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION WITH THE PRIOR APPROVAL OF THE ENGINEER.
4. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
5. ACCESS TO ALL RESIDENCES AND BUSINESSES THAT HAVE ENTRANCES DIRECTLY ON ANY PROJECT LOCATION AND OR STREET SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE NOTED.
6. COORDINATE WITH IDOT AND ANY RESIDENTIAL DEVELOPER ON CLOSURES OR ANY TRAFFIC CONTROL CONFLICTS.
7. CONTRACTOR SHALL COORDINATE TEMPORARY BUS STOPS WITH CHAMPAIGN-URBANA MTD.
8. PROPER DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.



SEQUENCE OF CONSTRUCTION – STAGE 1  
NOT TO SCALE



SEQUENCE OF CONSTRUCTION – STAGE 3  
NOT TO SCALE

STAGE 1

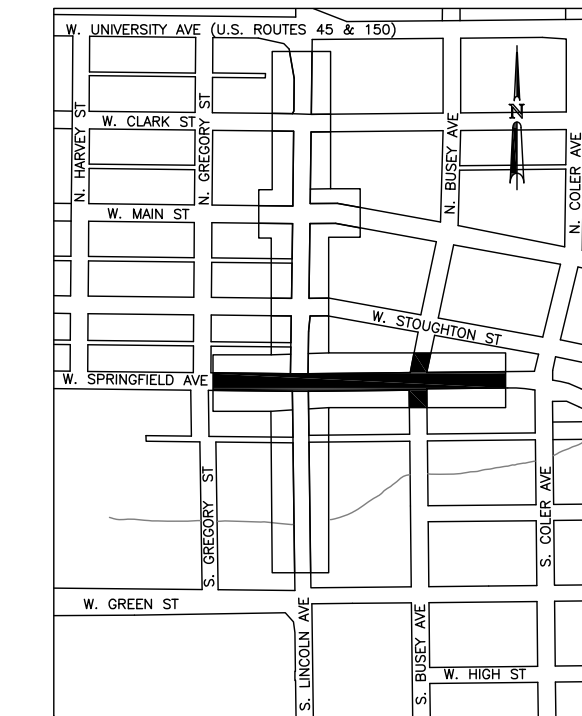
1. TEMPORARILY LOCATE CHANGEABLE MESSAGE SIGNS.
2. INSTALL REQUIRED TRAFFIC CONTROL DEVICES.
3. ACCESS TO RESIDENCES/BUSINESSES BETWEEN SOUTH GREGORY STREET AND SOUTH COLER AVENUE (ALONG SPRINGFIELD AVENUE) SHALL BE MAINTAINED AT ALL TIMES. THIS MAY BE PERFORMED USING TEMPORARY AGGREGATE ACCESS OR DOING HALF ENTRANCE WIDTHS AT A TIME.
4. ALL CROSS STREETS SHALL REMAIN OPEN DURING GENERAL CONSTRUCTION ACTIVITIES.
5. A PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED ON ONE SIDE OF THE STREET AT ALL TIMES. APPROPRIATE SIGNAGE AND BARRICADES SHALL BE USED FOR ALL CLOSURES.
6. A QUANTITY OF TEMPORARY RAMP HAS BEEN PROVIDED FOR ENTRANCES AND SIDE STREETS. SEE TEMPORARY RAMP DETAIL IN MISCELLANEOUS DETAILS 1.

STAGE 3

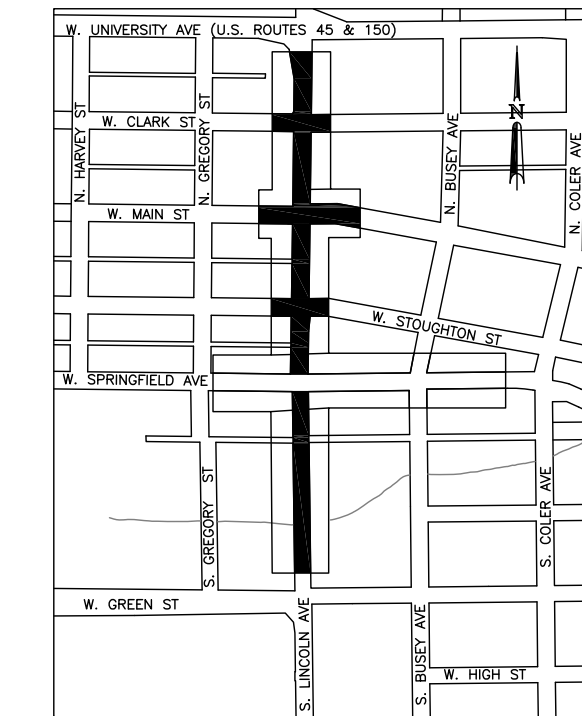
1. TEMPORARILY LOCATE CHANGEABLE MESSAGE SIGNS.
2. INSTALL REQUIRED TRAFFIC CONTROL DEVICES.
3. ACCESS TO RESIDENCES/BUSINESSES BETWEEN WEST GREEN STREET AND WEST UNIVERSITY AVENUE (ALONG LINCOLN AVENUE) SHALL BE MAINTAINED AT ALL TIMES. THIS MAY BE PERFORMED USING TEMPORARY AGGREGATE ACCESS OR DOING HALF ENTRANCE WIDTHS AT A TIME.
4. ALL CROSS STREETS SHALL REMAIN OPEN DURING GENERAL CONSTRUCTION ACTIVITIES.
5. A PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED ON ONE SIDE OF THE STREET AT ALL TIMES. APPROPRIATE SIGNAGE AND BARRICADES SHALL BE USED FOR ALL CLOSURES.
6. A QUANTITY OF TEMPORARY RAMP HAS BEEN PROVIDED FOR ENTRANCES AND SIDESTREETS. SEE TEMPORARY RAMP DETAIL IN MISCELLANEOUS DETAILS 1.

STAGE 3 KEY NOTES

1. ACCESS TO 111 SOUTH LINCOLN SHALL BE MAINTAINED BY ONLY CONSTRUCTING ONE OF THE TWO ENTRANCES AT A TIME. COORDINATE WITH ENGINEER ON ENTRANCE CONSTRUCTION SEQUENCE.
2. THE ENTRANCE TO 901 WEST SPRINGFIELD AVENUE (RESIDENT ACCESS ALONG LINCOLN AVENUE) SHALL ONLY BE CONSTRUCTED IN HALF WIDTHS.



SEQUENCE OF CONSTRUCTION – STAGE 2  
NOT TO SCALE



SEQUENCE OF CONSTRUCTION – STAGE 4  
NOT TO SCALE

STAGE 2

1. TEMPORARILY LOCATE CHANGEABLE MESSAGE SIGNS.
2. INSTALL REQUIRED TRAFFIC CONTROL DEVICES.
3. ACCESS TO RESIDENCES/BUSINESSES BETWEEN SOUTH GREGORY STREET AND SOUTH COLER AVENUE (ALONG SPRINGFIELD AVENUE) SHALL BE MAINTAINED AT ALL TIMES. THIS MAY BE PERFORMED USING TEMPORARY AGGREGATE ACCESS OR DOING HALF ENTRANCE WIDTHS AT A TIME.
4. ALL CROSS STREETS SHALL REMAIN OPEN DURING GENERAL CONSTRUCTION ACTIVITIES.
5. DURING CROSS STREET PAVING SPECIFIC CONSTRUCTION ACTIVITIES, THE ENTRANCE TO THE CROSS STREET MAY TEMPORARILY BE CLOSED WITH APPROPRIATE SIGNAGE DIRECTING TRAFFIC TO THE NEXT ADJACENT CROSS STREET. NO TWO SUCCESSIVE CROSS STREETS MAY BE CLOSED AT ANY GIVEN TIME. AT THE APPROVAL OF THE ENGINEER, FLAGGERS MAY BE USED TO DIRECT TRAFFIC AROUND PAVING ACTIVITIES. THIS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITION COMPENSATION WILL BE ALLOWED.
6. A PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED ON ONE SIDE OF THE STREET AT ALL TIMES. APPROPRIATE SIGNAGE AND BARRICADES SHALL BE USED FOR ALL CLOSURES.
7. SEE TRAFFIC CONTROL GENERAL NOTE #15 FOR LANE REQUIREMENTS.
8. A QUANTITY OF TEMPORARY RAMP HAS BEEN PROVIDED FOR ENTRANCES AND SIDESTREETS. SEE TEMPORARY RAMP DETAIL IN MISCELLANEOUS DETAILS 1.

STAGE 4

1. TEMPORARILY LOCATE CHANGEABLE MESSAGE SIGNS.
2. INSTALL REQUIRED TRAFFIC CONTROL DEVICES.
3. ACCESS TO RESIDENCES/BUSINESSES BETWEEN WEST GREEN STREET AND WEST UNIVERSITY AVENUE (ALONG LINCOLN AVENUE) SHALL BE MAINTAINED AT ALL TIMES. THIS MAY BE PERFORMED USING TEMPORARY AGGREGATE ACCESS OR DOING HALF ENTRANCE WIDTHS AT A TIME.
4. ALL CROSS STREETS SHALL REMAIN OPEN DURING GENERAL CONSTRUCTION ACTIVITIES.
5. DURING CROSS STREET PAVING SPECIFIC CONSTRUCTION ACTIVITIES, THE ENTRANCE TO THE CROSS STREET MAY TEMPORARILY BE CLOSED WITH APPROPRIATE SIGNAGE DIRECTING TRAFFIC TO THE NEXT ADJACENT CROSS STREET. NO TWO SUCCESSIVE CROSS STREETS MAY BE CLOSED AT ANY GIVEN TIME. AT THE APPROVAL OF THE ENGINEER, FLAGGERS MAY BE USED TO DIRECT TRAFFIC AROUND PAVING ACTIVITIES. THIS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL), AND NO ADDITION COMPENSATION WILL BE ALLOWED.
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7. SEE TRAFFIC CONTROL GENERAL NOTE #15 FOR LANE REQUIREMENTS.
8. A QUANTITY OF TEMPORARY RAMP HAS BEEN PROVIDED FOR ENTRANCES AND SIDESTREETS. SEE TEMPORARY RAMP DETAIL IN MISCELLANEOUS DETAILS 1.



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26

DRAWN BY: CTH

DESIGNED BY: SLB

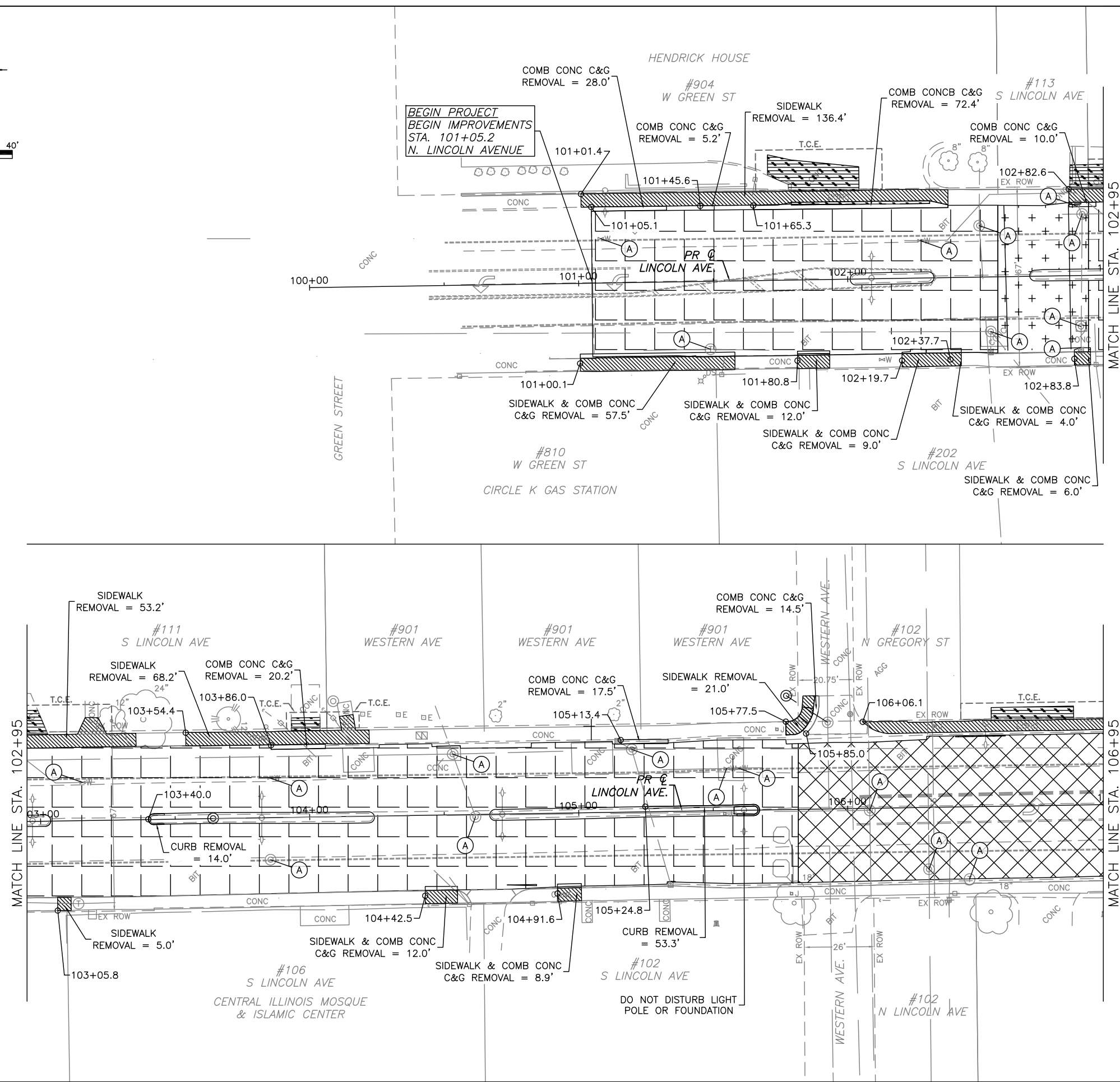
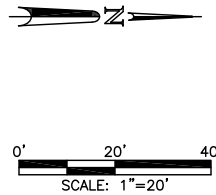
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CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
STAGE CONSTRUCTION AND  
MAINTENANCE OF TRAFFIC PLANS

SHEET NO.  
21  
OF  
65

APR 26 2021 11:15AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

NOTES

- FOR ALL CURB AND GUTTER REMOVAL & REPLACEMENT LOCATIONS THE SUBBASE SHALL BE REMOVED TO 4 INCHES BELOW THE EXISTING PAVEMENT AND BROUGHT BACK TO PROPER FINISHED SUBGRADE ELEVATION WITH 4 INCHES OF SUBBASE GRANULAR MATERIAL TYPE B, IDOT CA-6. THE COST OF FURNISHING AND INSTALLING THE GRANULAR MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE COMBINATION CONCRETE CURB, TYPE SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- FRAMES AND LIDS TO BE ADJUSTED SHALL BE A 5' X 5' SQUARE CENTERED ON THE LID. THE CONCRETE SHALL BE A MINIMUM OF 10" THICK. (SEE MISC. DETAILS)
- THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING PAVEMENT AND CURB AND GUTTER THAT IS NOT TO BE REMOVED WILL NOT BE DAMAGED.
- IF THE EXISTING PAVEMENT OR CURB AND GUTTER IS DAMAGED, THE CONTRACTOR SHALL REMOVE AND REPLACE DAMAGED PAVEMENT OR CURB AND GUTTER TO THE LIMITS DETERMINED BY THE ENGINEER AT NO ADDITIONAL COST.
- SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.



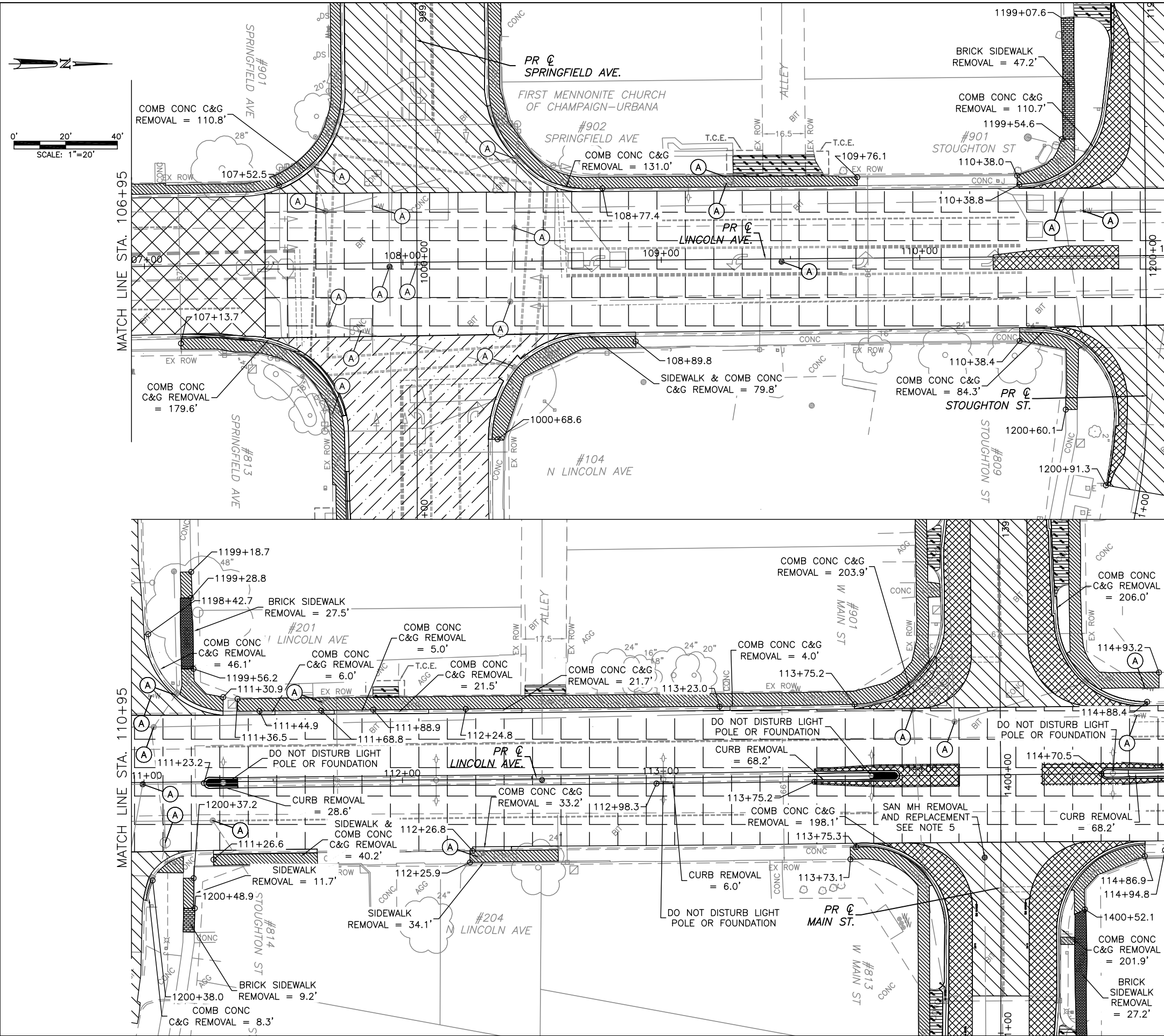
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 101+05.2 TO STA 106+95.0

SHEET NO.  
22  
OF  
65

APR 26 2021 11:17AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

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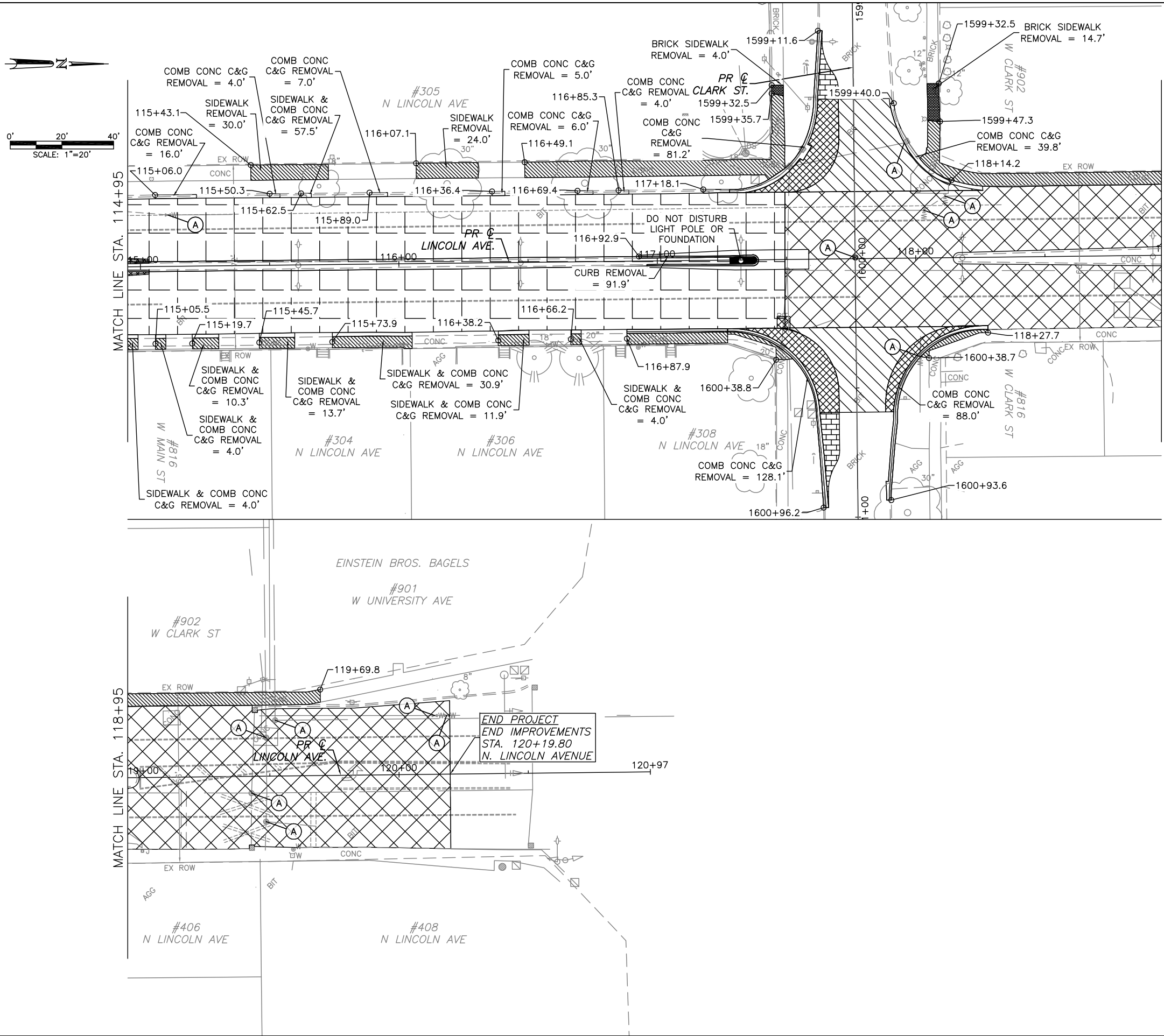
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

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DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 106+95.0 TO STA 114+95.0

SHEET NO.  
23  
OF  
65

APR 26 2021 11:18AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

NOTES

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CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

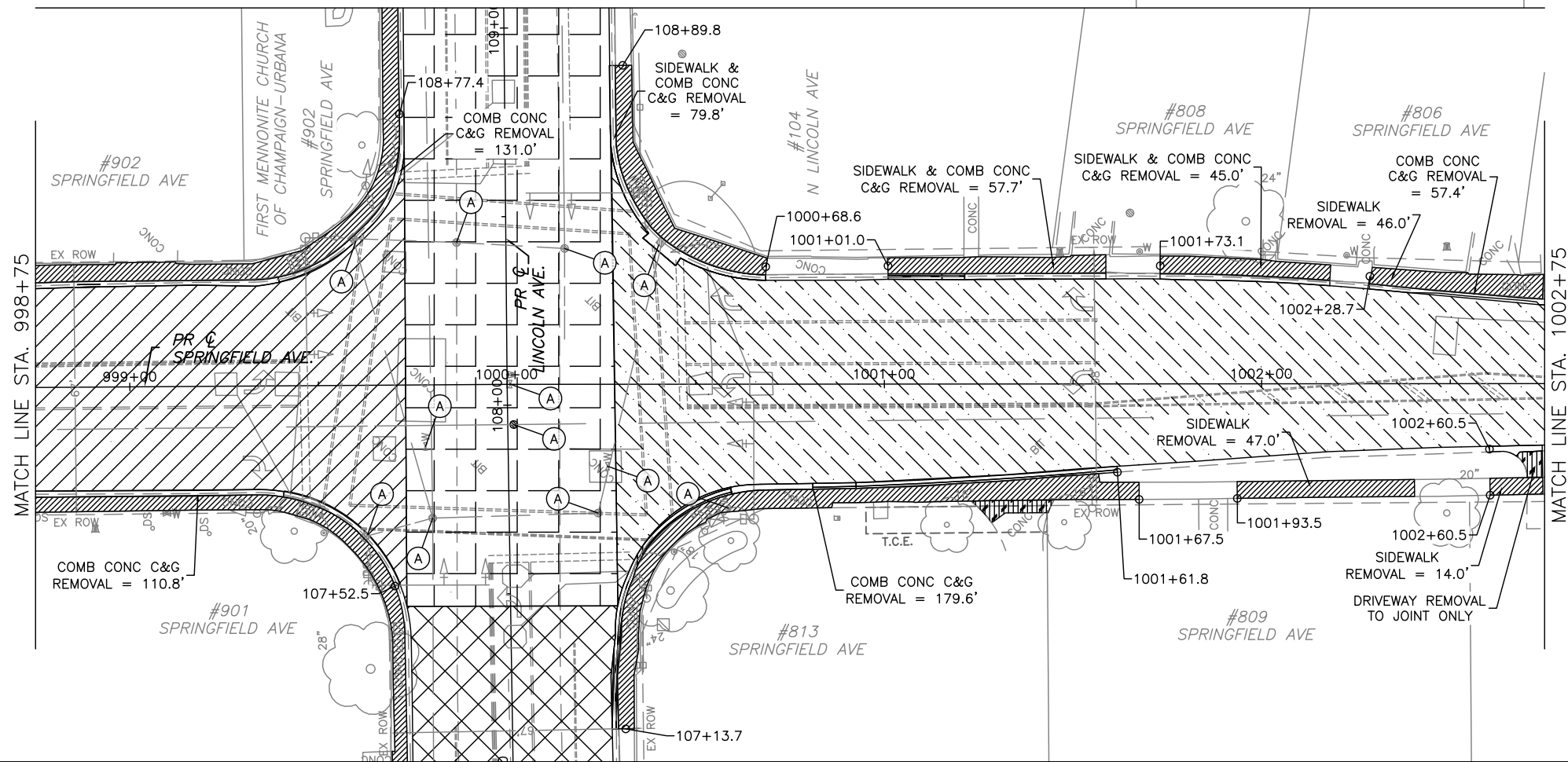
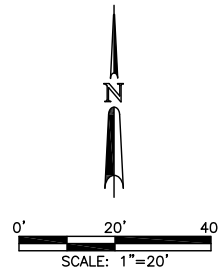
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DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 114+95.0 TO STA 120+19.8

SHEET NO.  
24  
OF  
65



APR 26 2021 11:19AM REMOVAL PLAN SHEETS.DWG



BEGIN IMPROVEMENTS  
STA. 996+82.2  
SPRINGFIELD AVENUE

MATCH LINE STA. 1002+75

GREGORY STREET

MATCH LINE STA. 998+75

LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

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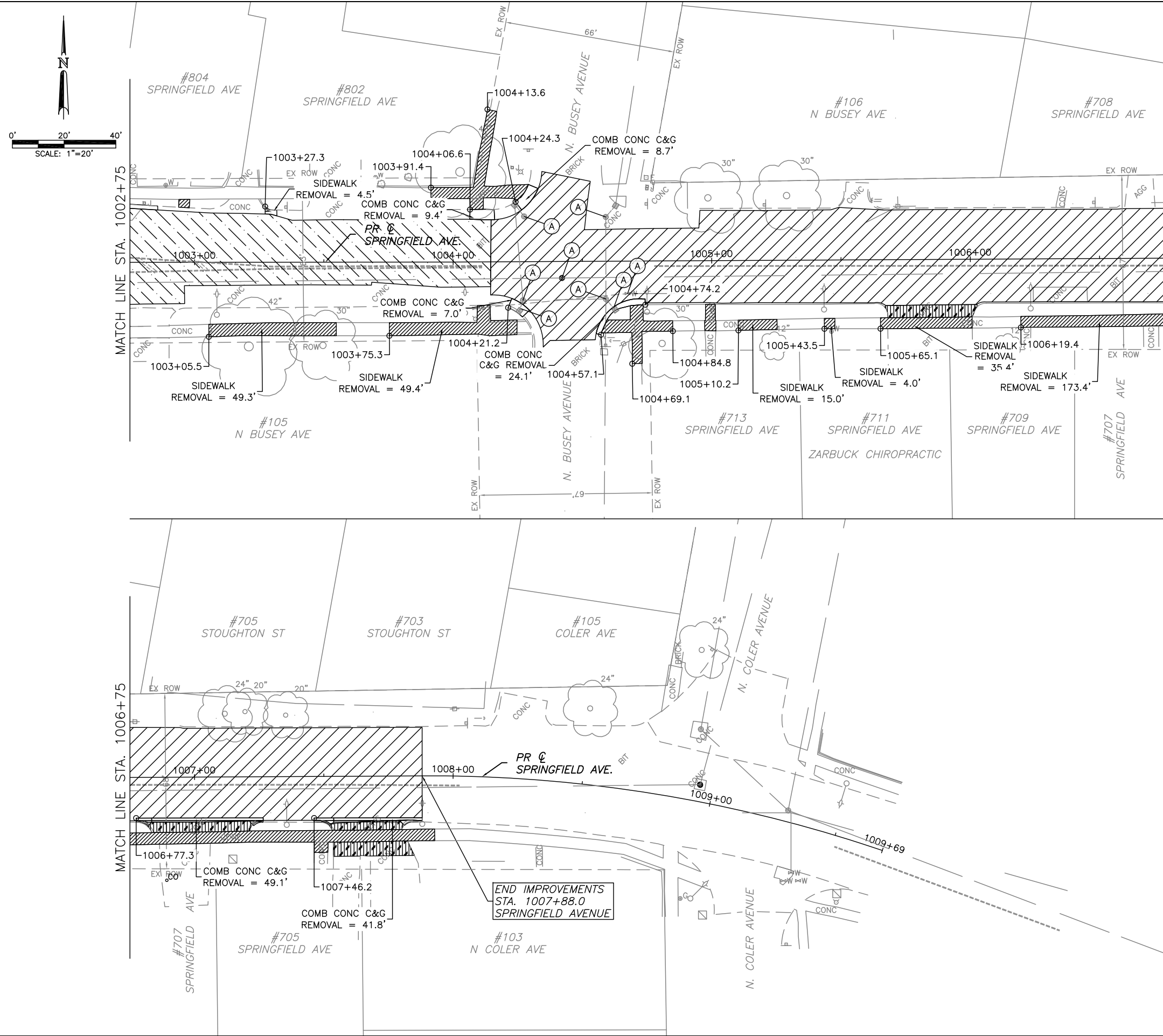
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

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DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 997+14.6 TO STA 1002+75.0

SHEET NO.  
25  
OF  
65

APR 26 2021 11:20AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

NOTES

- FOR ALL CURB AND GUTTER REMOVAL & REPLACEMENT LOCATIONS THE SUBBASE SHALL BE REMOVED TO 4 INCHES BELOW THE EXISTING PAVEMENT AND BROUGHT BACK TO PROPER FINISHED SUBGRADE ELEVATION WITH 4 INCHES OF SUBBASE GRANULAR MATERIAL TYPE B, IDOT CA-6. THE COST OF FURNISHING AND INSTALLING THE GRANULAR MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE COMBINATION CONCRETE CURB, TYPE SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
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CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

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DATED: 4/26

CHECKED BY: TAC

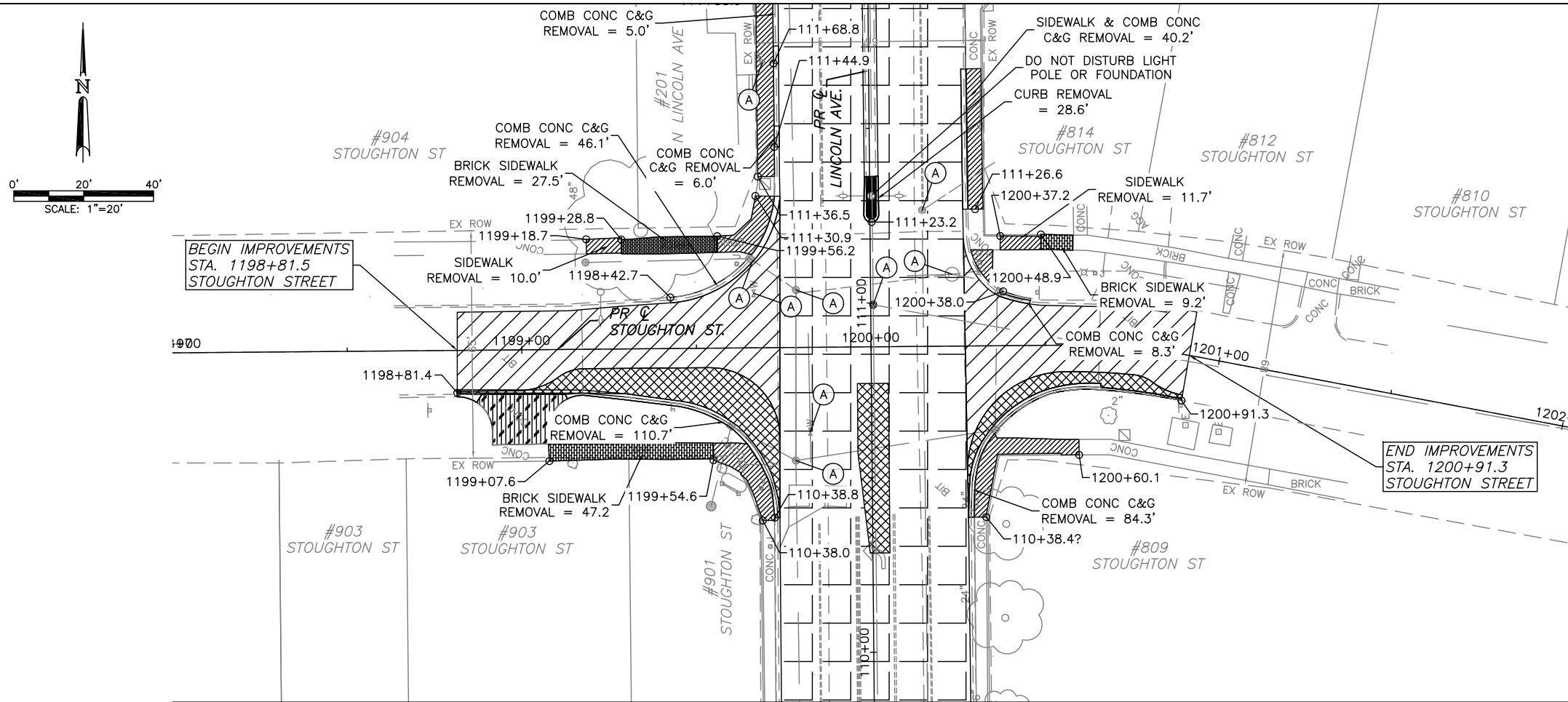
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CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 1002+75.0 TO STA 1007+88.0

SHEET NO.  
26  
OF  
65

APR 26 2021 11:21AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

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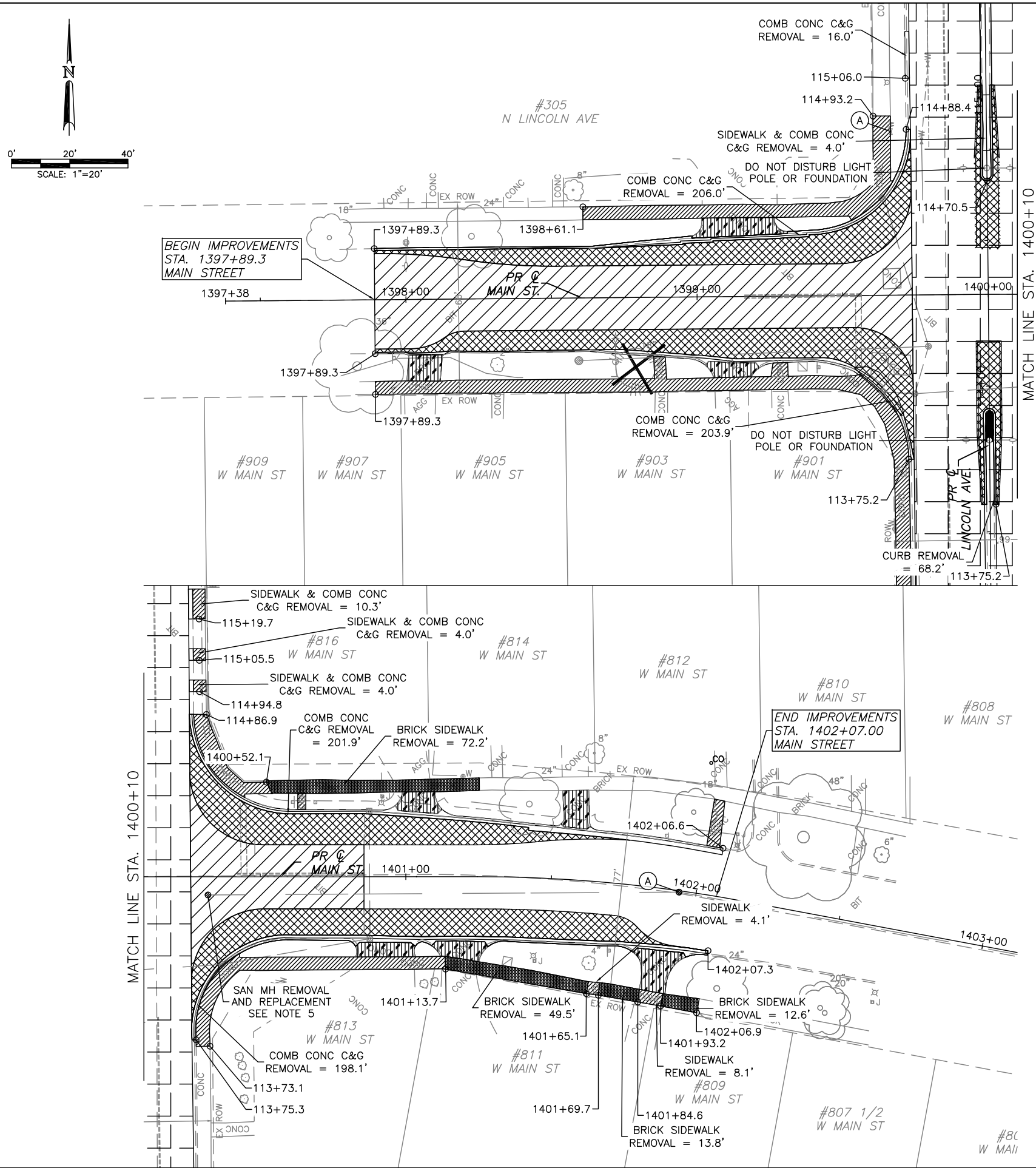
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

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CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 1198+81.5 TO STA 1200+91.3

SHEET NO.  
27  
OF  
65

APR 26 2021 11:22AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
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- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
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SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

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- SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.



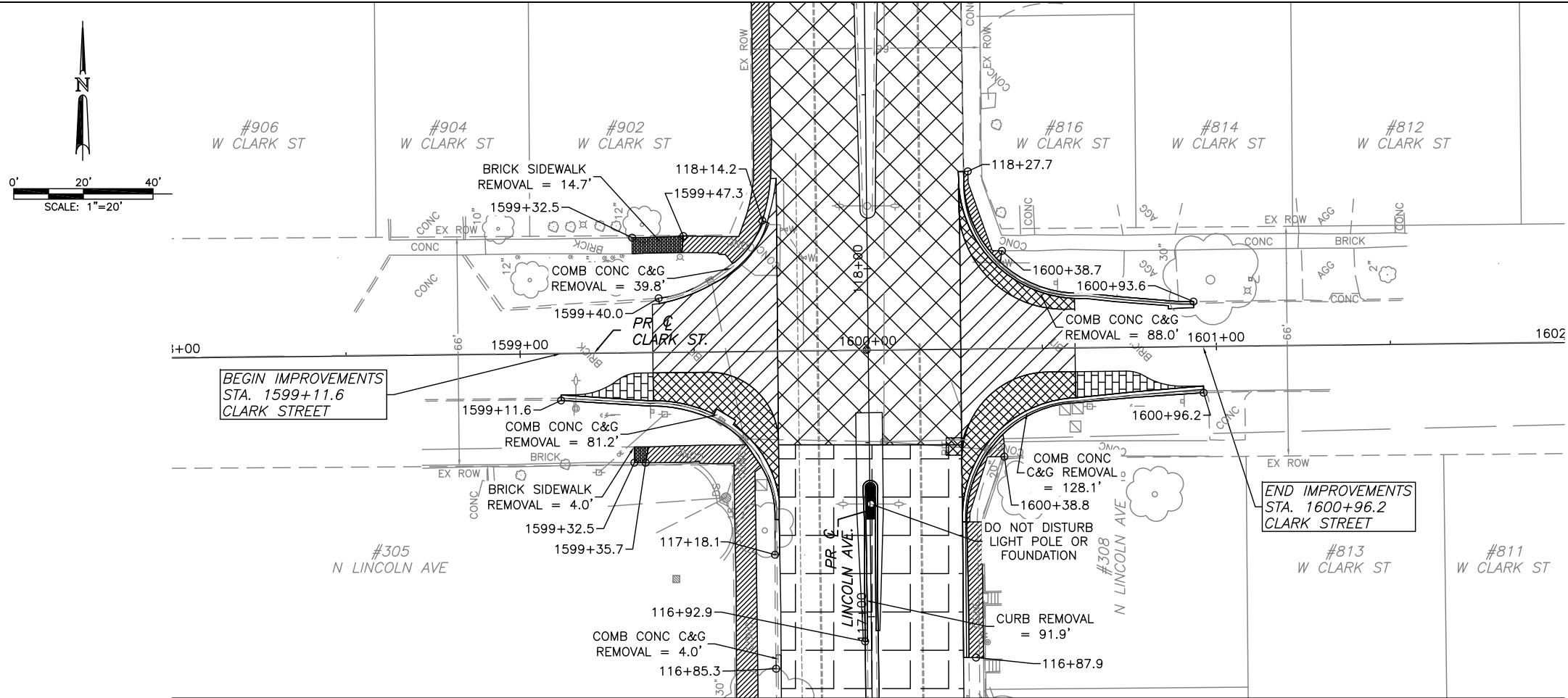
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 1397+89.3 TO STA 1401+95.2

SHEET NO.  
28  
OF  
65

APR 26 2021 11:22AM REMOVAL PLAN SHEETS.DWG



LEGEND

- COMB. CURB AND GUTTER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- BRICK SIDEWALK REMOVAL
- BRICK PAVEMENT REMOVAL AND SALVAGE
- HMA SURFACE REMOVAL, 2" DEPTH
- HMA SURFACE REMOVAL, 2 1/4" DEPTH
- HMA SURFACE REMOVAL, 2 3/4" DEPTH
- HMA SURFACE REMOVAL, 4" DEPTH
- HMA SURFACE REMOVAL, 4 1/2" DEPTH
- PAVEMENT REMOVAL
- TREE REMOVAL (OVER 15 UNITS IN DIA.)
- STRUCTURE TO BE ADJUSTED (SEE DRAINAGE SCHEDULES)
- STRUCTURE TO BE REMOVED (SEE DRAINAGE SCHEDULES)

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT MARKING AND SIGNING PLANS FOR INFORMATION ABOUT DETECTOR LOOPS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.

NOTES

- FOR ALL CURB AND GUTTER REMOVAL & REPLACEMENT LOCATIONS THE SUBBASE SHALL BE REMOVED TO 4 INCHES BELOW THE EXISTING PAVEMENT AND BROUGHT BACK TO PROPER FINISHED SUBGRADE ELEVATION WITH 4 INCHES OF SUBBASE GRANULAR MATERIAL TYPE B, IDOT CA-6. THE COST OF FURNISHING AND INSTALLING THE GRANULAR MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE COMBINATION CONCRETE CURB, TYPE SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- FRAMES AND LIDS TO BE ADJUSTED SHALL BE A 5' X 5' SQUARE CENTERED ON THE LID. THE CONCRETE SHALL BE A MINIMUM OF 10" THICK. (SEE MISC. DETAILS)
- THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING PAVEMENT AND CURB AND GUTTER THAT IS NOT TO BE REMOVED WILL NOT BE DAMAGED.
- IF THE EXISTING PAVEMENT OR CURB AND GUTTER IS DAMAGED, THE CONTRACTOR SHALL REMOVE AND REPLACE DAMAGED PAVEMENT OR CURB AND GUTTER TO THE LIMITS DETERMINED BY THE ENGINEER AT NO ADDITIONAL COST.
- SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.



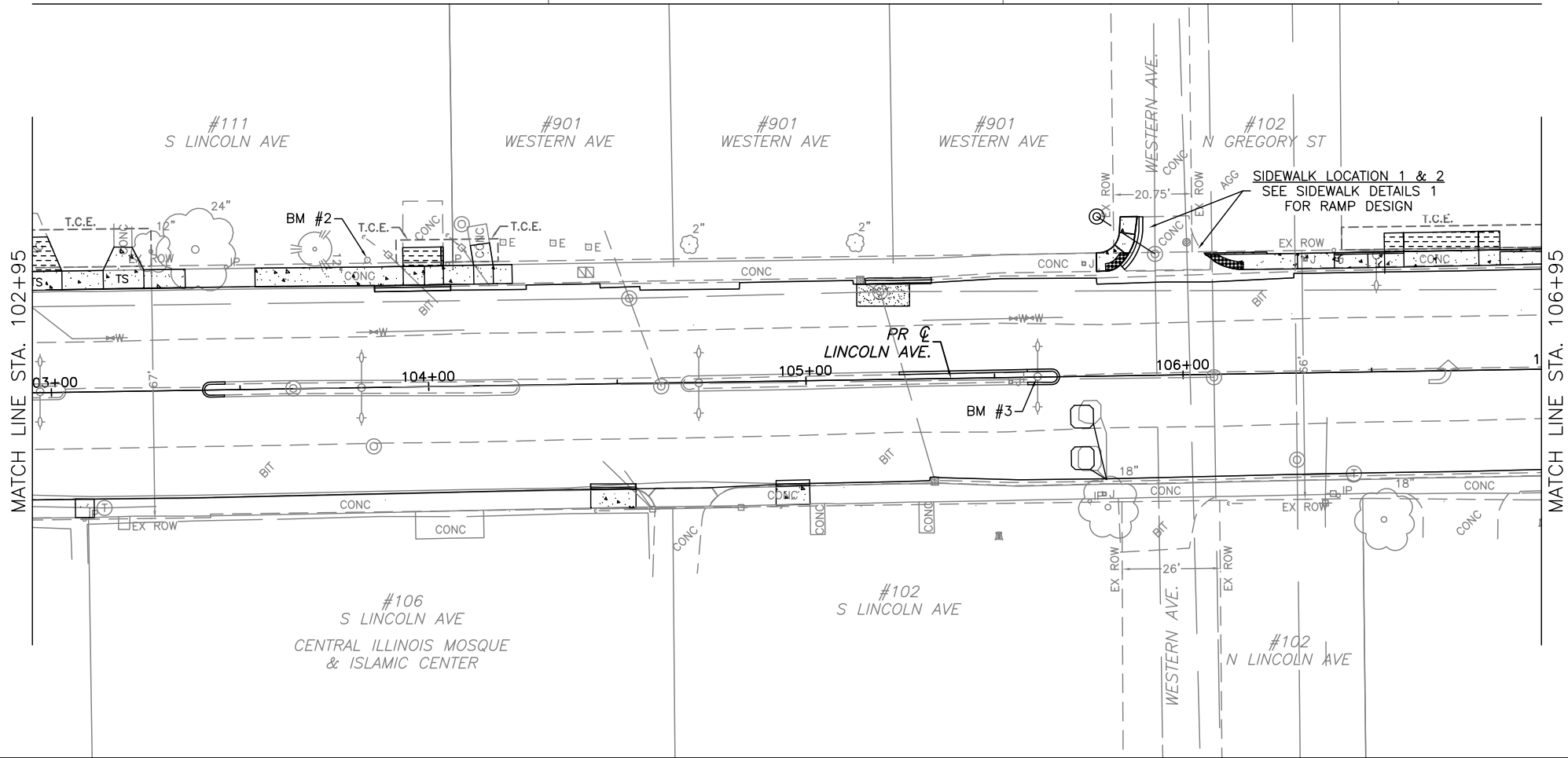
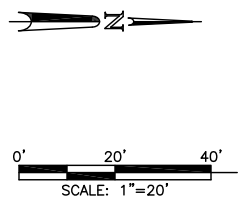
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
REMOVALS & RELOCATIONS PLANS  
STA 1598+00.0 TO STA 1602+00.0

SHEET NO.  
29  
OF  
65

APR 26 2021 11:24AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



BM "L"

BEGIN PROJECT  
BEGIN IMPROVEMENTS  
STA. 101+05.2  
N. LINCOLN AVENUE

HENDRICK HOUSE

#904  
W GREEN ST

#113  
S LINCOLN AVE

100+00

101+00

102+00

MATCH LINE STA. 102+95

GREEN STREET

#810  
W GREEN ST  
CIRCLE K GAS STATION

#202  
S LINCOLN AVE

MATCH LINE STA. 102+95

#111  
S LINCOLN AVE

#901  
WESTERN AVE

#901  
WESTERN AVE

#901  
WESTERN AVE

WESTERN AVE.

#102  
N GREGORY ST

SIDEWALK LOCATION 1 & 2  
SEE SIDEWALK DETAILS 1  
FOR RAMP DESIGN

PR C  
LINCOLN AVE.

BM #3

MATCH LINE STA. 106+95

#106  
S LINCOLN AVE  
CENTRAL ILLINOIS MOSQUE  
& ISLAMIC CENTER

#102  
S LINCOLN AVE

WESTERN AVE.

#102  
N LINCOLN AVE

## LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES

① DRAINAGE STRUCTURE NO.  
(SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL  
SHEET FOR DESCRIPTION OF BENCH MARKS

## NOTES:

- TS = AMERICAN DISABILITY ACT TURNING SPACE
- MATERIAL TRANSFER DEVICES OR VIBRATORY ROLLERS ARE PROHIBITED FROM BEING OPERATED ACROSS THE EXISTING BRIDGE DECK.
- MH RECON W NEW CLOSED T1 FRAME SHALL BE LOCATED PRIOR TO ANY SEWER CONSTRUCTION OR CONSTRUCTION OF THE MEDIAN AT THE INTERSECTION OF CLARK ST AND LINCOLN AVE.
- SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: CTH

4/26

DESIGNED BY: SLB

CHECKED BY: TAC

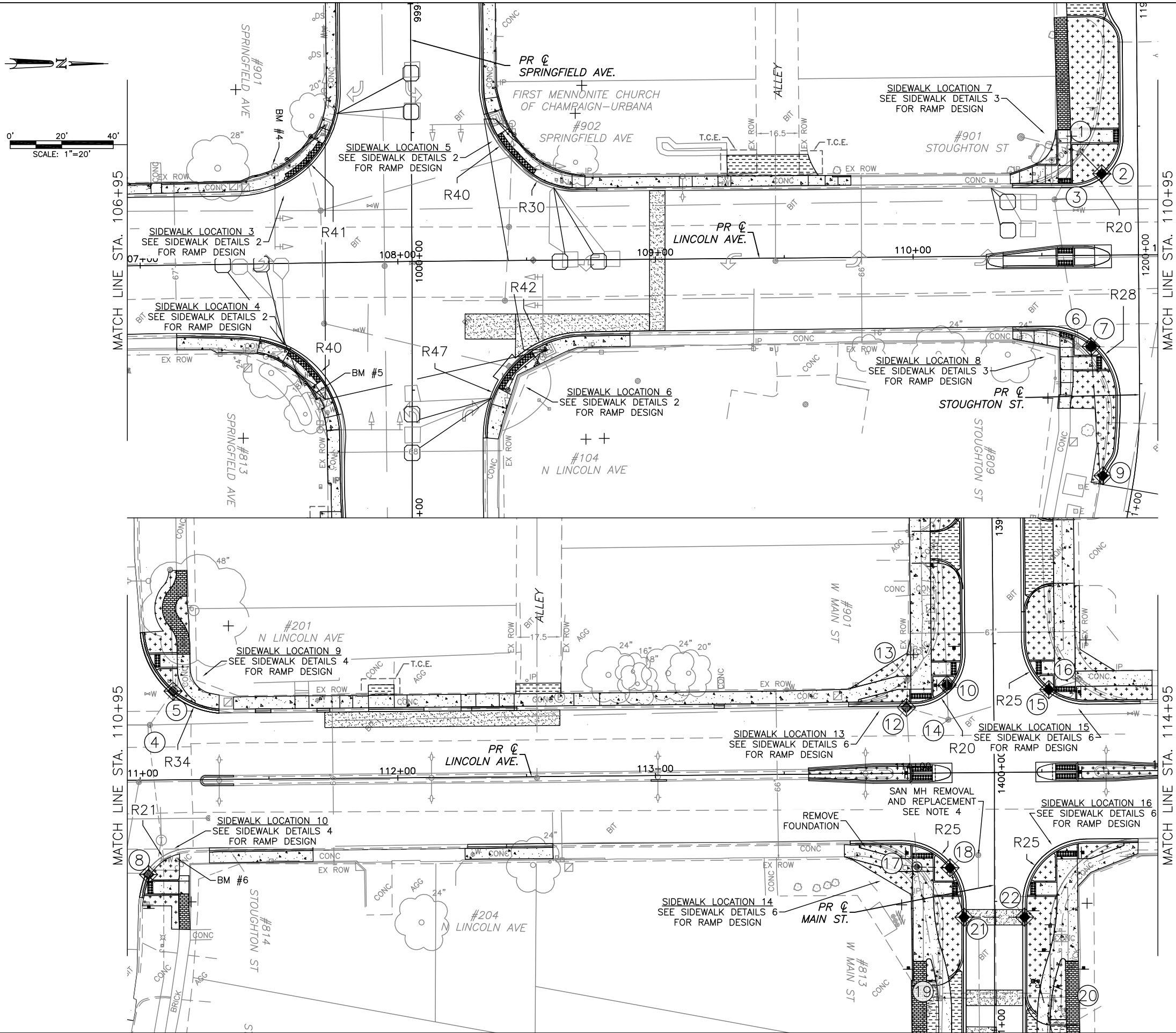
CITY SECTION

17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS - LINCOLN AVE  
STA 101+05.2 TO STA 106+95.0

SHEET NO.  
30  
OF  
65

APR 26 2021 11:25AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES

1 DRAINAGE STRUCTURE NO.  
(SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL  
SHEET FOR DESCRIPTION OF BENCH MARKS

NOTES:

- TS = AMERICAN DISABILITY ACT TURNING SPACE
- MATERIAL TRANSFER DEVICES OR VIBRATORY ROLLERS ARE PROHIBITED FROM BEING OPERATED ACROSS THE EXISTING BRIDGE DECK.
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CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

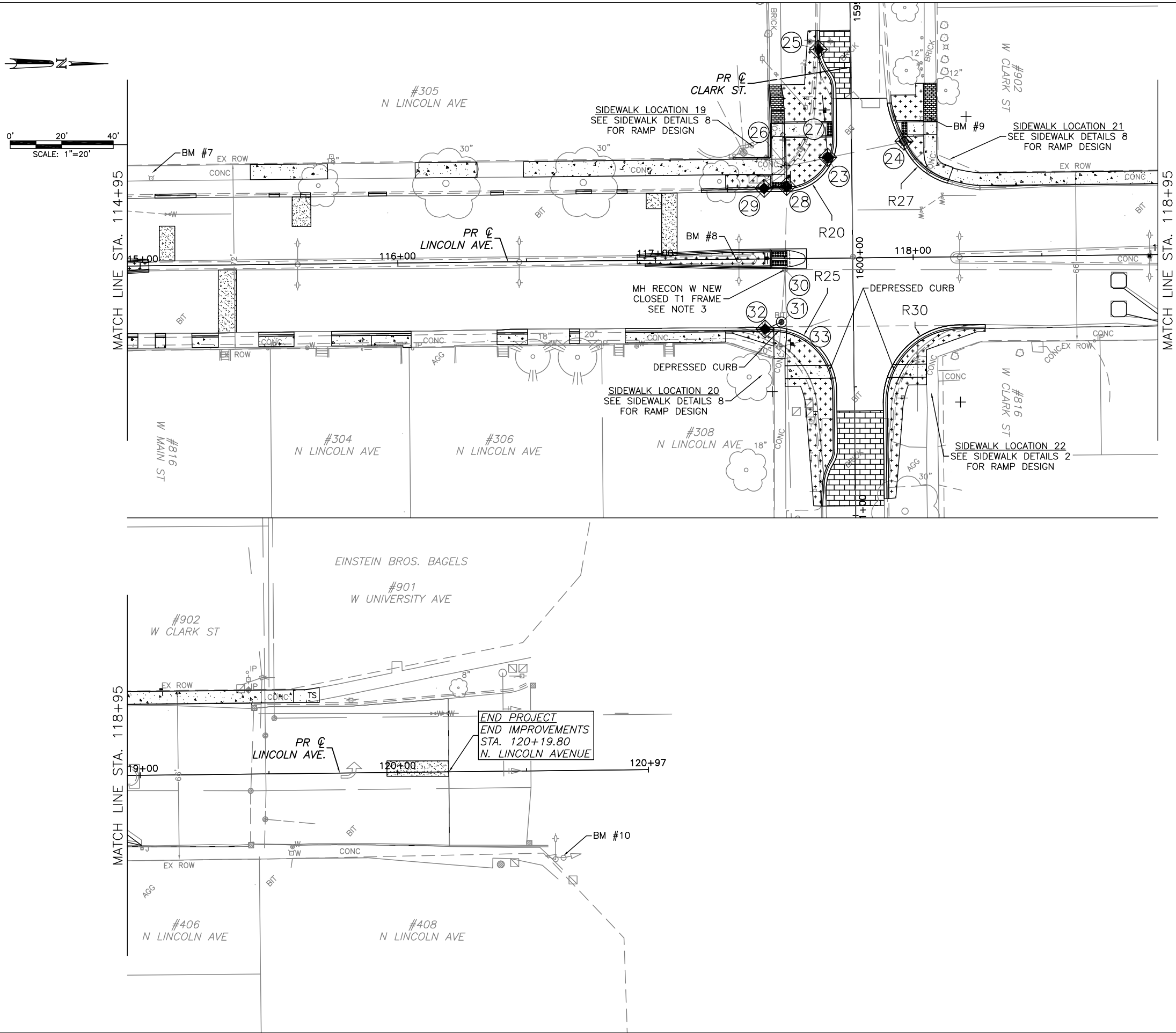
DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS - LINCOLN AVE  
STA 106+95.0 TO STA 114+95.0

SHEET NO.  
31  
OF  
65



APR 26 2021 11:25AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES

1 DRAINAGE STRUCTURE NO.  
(SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL  
SHEET FOR DESCRIPTION OF BENCH MARKS

NOTES:

- TS = AMERICAN DISABILITY ACT TURNING SPACE
- MATERIAL TRANSFER DEVICES OR VIBRATORY ROLLERS ARE PROHIBITED FROM BEING OPERATED ACROSS THE EXISTING BRIDGE DECK.
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- SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

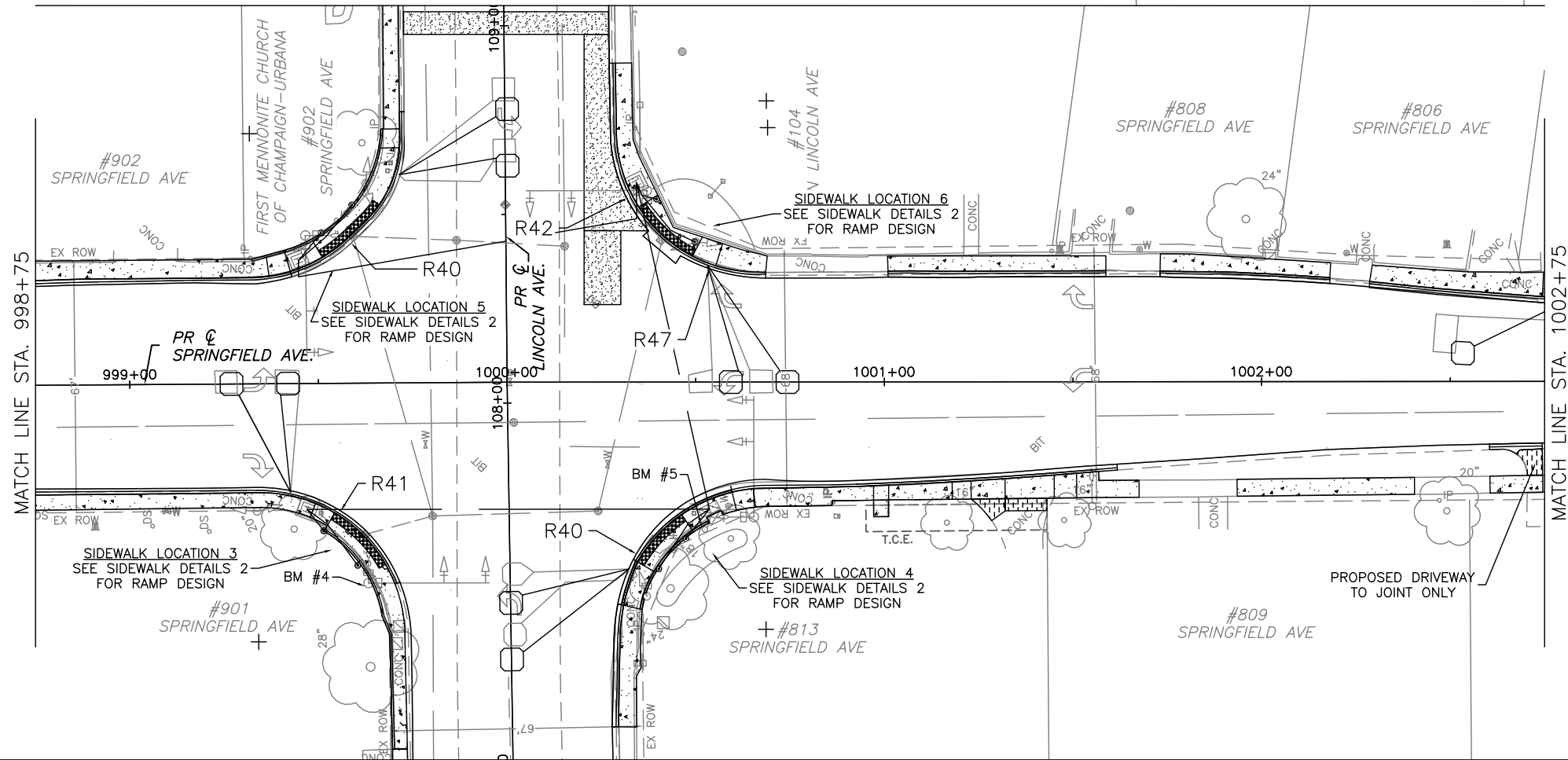
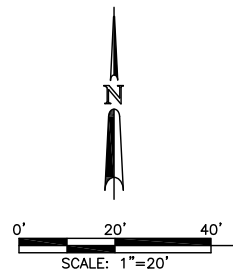
DATED:	4/26	DRAWN BY:	CTH
DESIGNED BY:	SLB	CHECKED BY:	TAC
		CITY SECTION	17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS - LINCOLN AVE  
STA 114+95.0 TO STA 120+19.8

SHEET NO.  
32  
OF  
65



APR 26 2021 11:26AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



BEGIN IMPROVEMENTS  
STA. 996+82.2  
SPRINGFIELD AVENUE

MATCH LINE STA. 998+75

MATCH LINE STA. 1002+75

LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES

1 DRAINAGE STRUCTURE NO.  
(SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL  
SHEET FOR DESCRIPTION OF BENCH MARKS

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- SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.



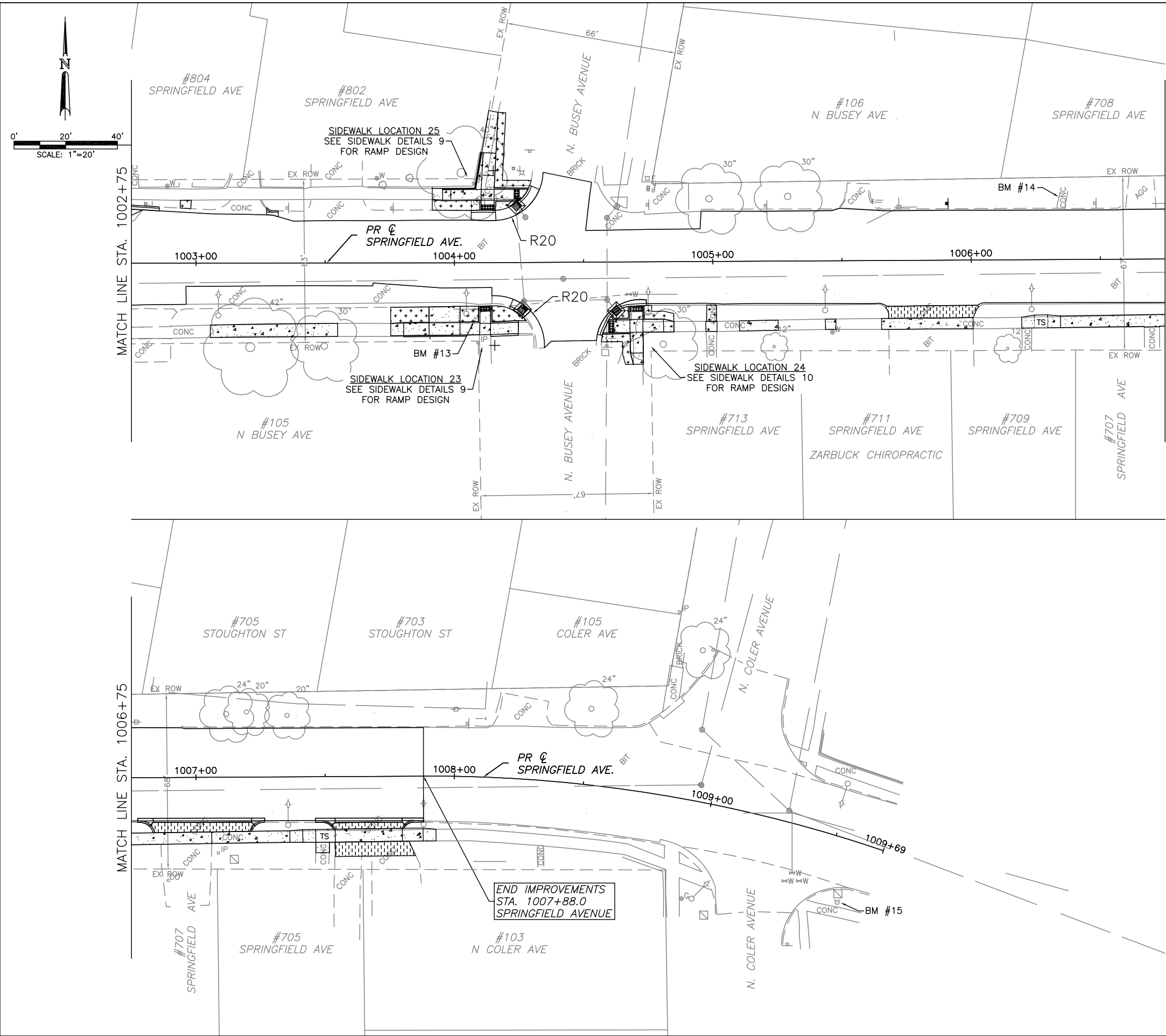
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26	DRAWN BY: CTH
DESIGNED BY: SLB	CHECKED BY: TAC
CITY SECTION 17-00592-00-RS	

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS - SPRINGFIELD AVE  
STA 997+14.6 TO STA 1002+75.0

SHEET NO.  
33  
OF  
65

APR 26 2021 11:27AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



**LEGEND**

COMB. CURB AND GUTTER

DRIVEWAY PAVEMENT

MEDIAN

SIDEWALK

BRICK SIDEWALK

BRICK PAVEMENT

SOD

PAVEMENT PATCHES

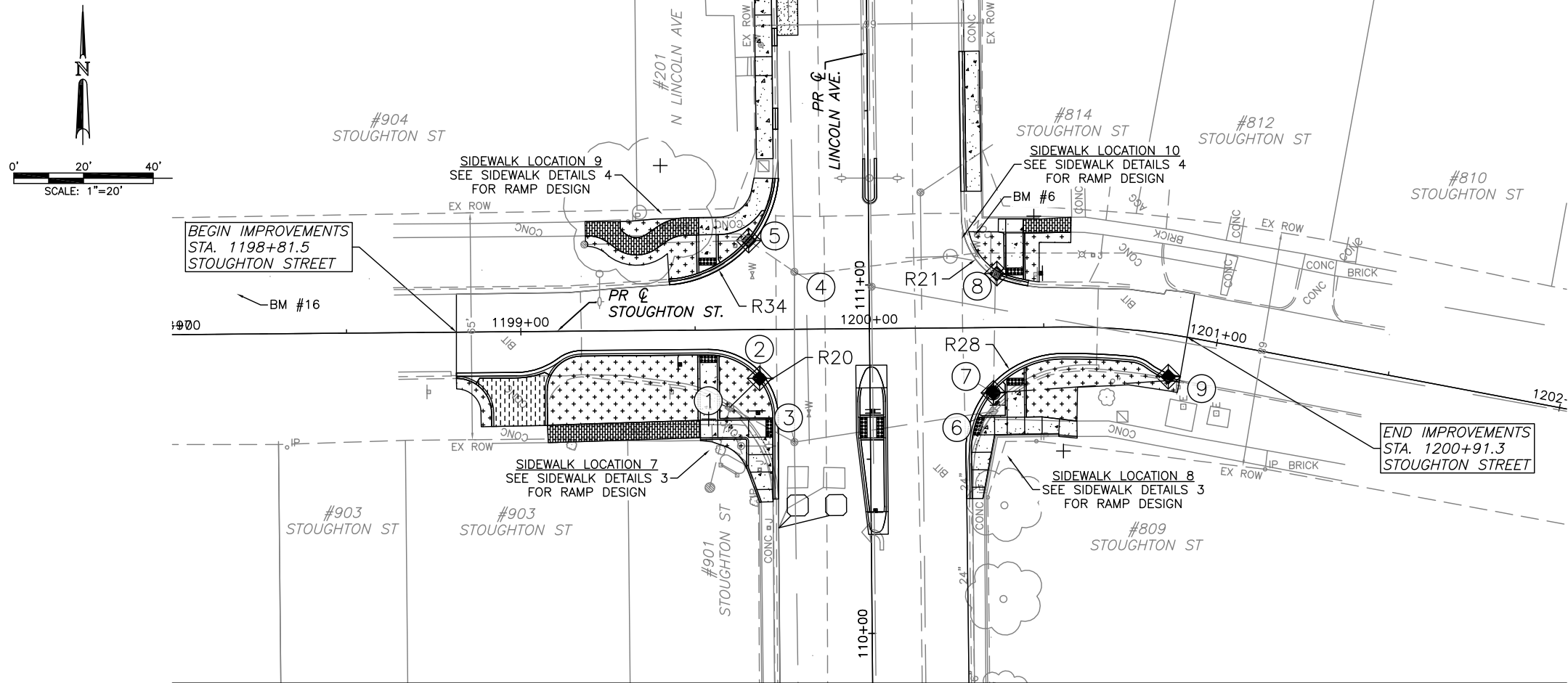
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DRAINAGE STRUCTURE NO.  
(SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL  
SHEET FOR DESCRIPTION OF BENCH MARKS

- NOTES:**
1. TS = AMERICAN DISABILITY ACT TURNING SPACE
  2. MATERIAL TRANSFER DEVICES OR VIBRATORY ROLLERS ARE PROHIBITED FROM BEING OPERATED ACROSS THE EXISTING BRIDGE DECK.
  3. MH RECON W NEW CLOSED T1 FRAME SHALL BE LOCATED PRIOR TO ANY SEWER CONSTRUCTION OR CONSTRUCTION OF THE MEDIAN AT THE INTERSECTION OF CLARK ST AND LINCOLN AVE.
  4. SAN MH REMOVAL AND REPLACEMENT SHALL BE FIELD VERIFIED FOR RIM AND INVERT ELEVATIONS PRIOR TO CONSTRUCTION.

APR 26 2021 11:27AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES
- ① DRAINAGE STRUCTURE NO. (SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL SHEET FOR DESCRIPTION OF BENCH MARKS

NOTES:

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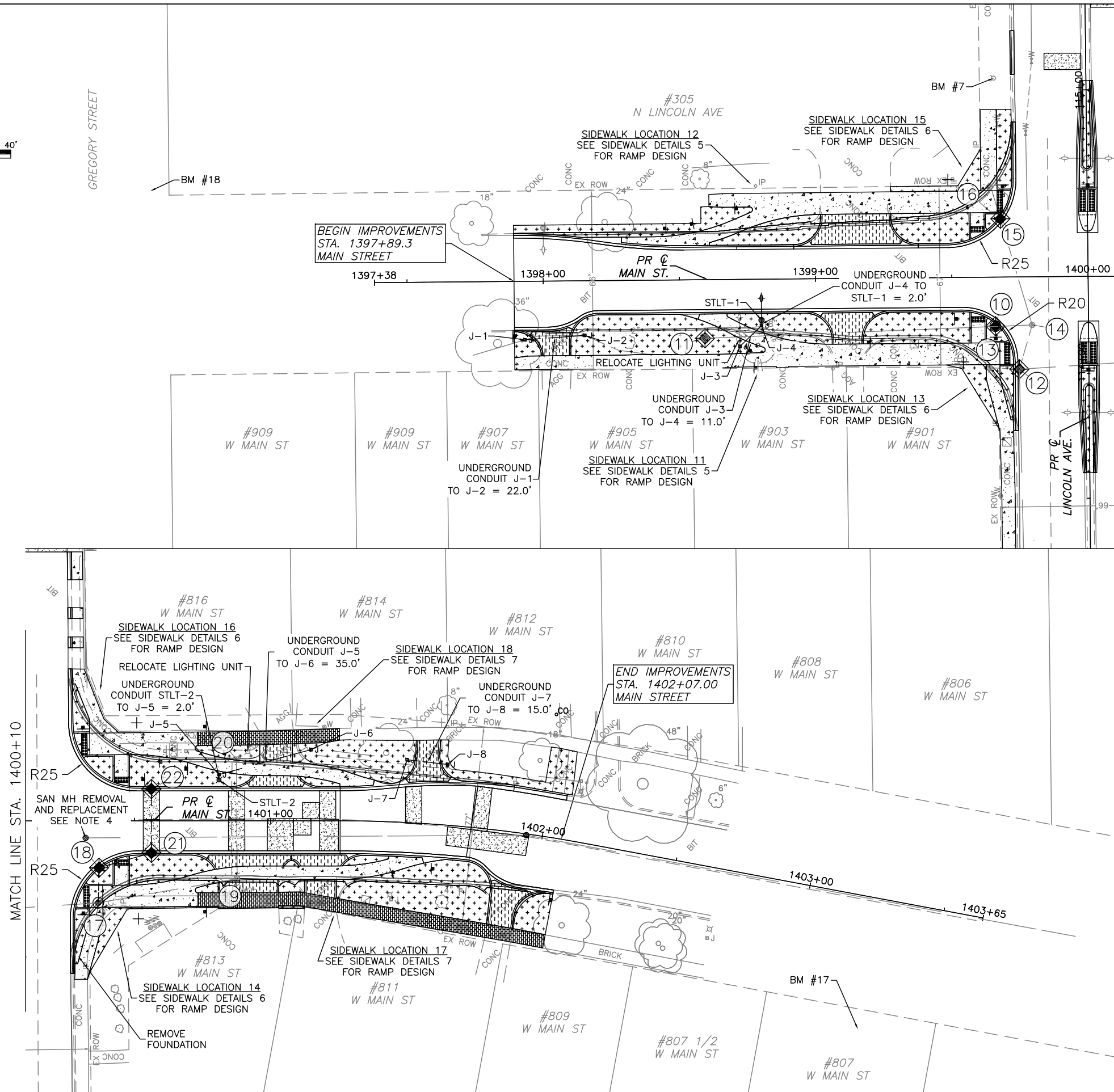
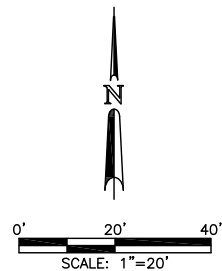
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS - STOUGHTON ST  
STA 1198+89.3 TO STA 1200+91.3

SHEET NO.  
35  
OF  
65

APR 26 2021 11:29AM PLAN SHEETS(MAIN EXPANDED) -- LINCOLN & SPRINGFIELD.DWG



LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES
- 1 DRAINAGE STRUCTURE NO. (SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL SHEET FOR DESCRIPTION OF BENCH MARKS

NOTES:

1. TS = AMERICAN DISABILITY ACT TURNING SPACE
2. MATERIAL TRANSFER DEVICES OR VIBRATORY ROLLERS ARE PROHIBITED FROM BEING OPERATED ACROSS THE EXISTING BRIDGE DECK.
3. MH RECON W NEW CLOSED T1 FRAME SHALL BE LOCATED PRIOR TO ANY SEWER CONSTRUCTION OR CONSTRUCTION OF THE MEDIAN AT THE INTERSECTION OF CLARK ST AND LINCOLN AVE.
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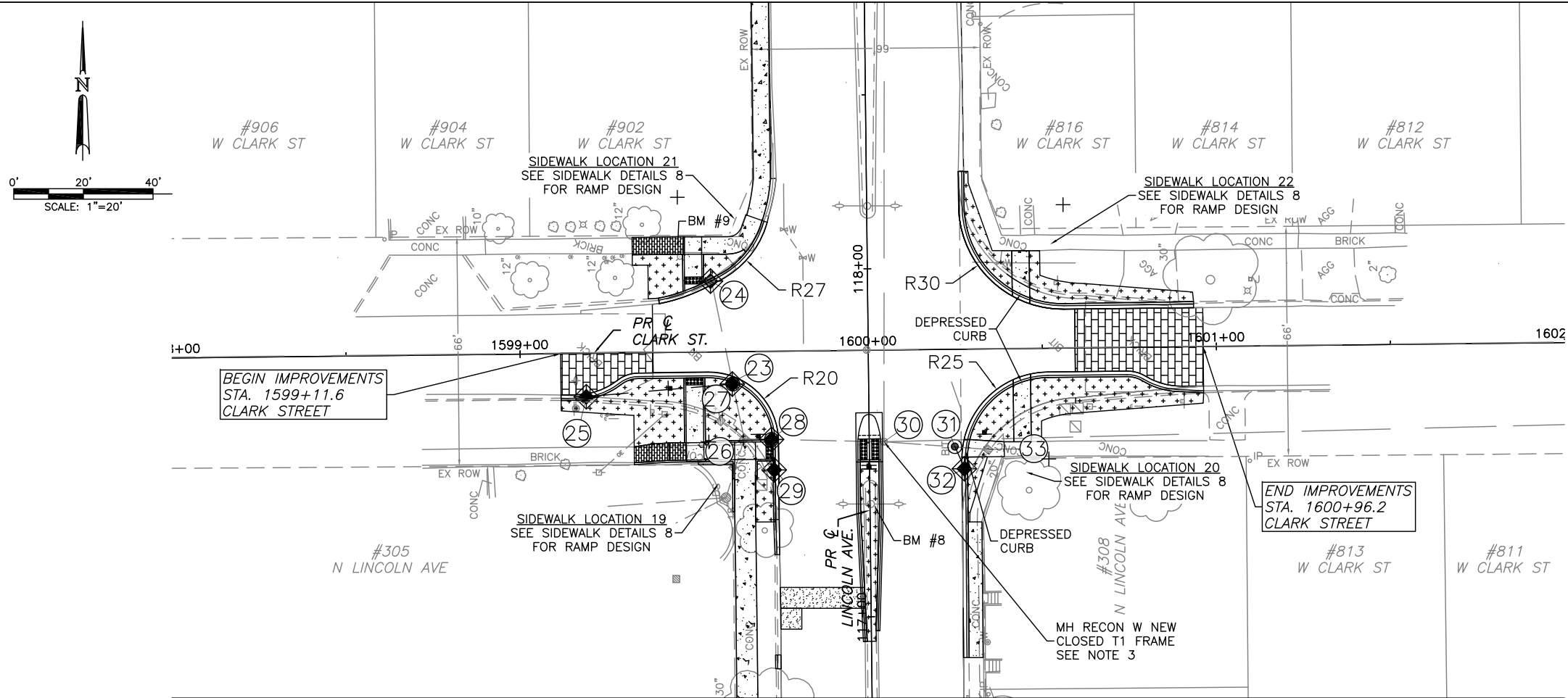
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26	DRAWN BY: CTH
DESIGNED BY: SLB	CHECKED BY: TAC
CITY SECTION 17-00592-00-RS	

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS -- MAIN ST  
STA 1397+89.3 TO STA 1401+95.2

SHEET NO.  
36  
OF  
65

APR 26 2021 11:28AM PLAN SHEETS - LINCOLN & SPRINGFIELD.DWG



LEGEND

- COMB. CURB AND GUTTER
- DRIVEWAY PAVEMENT
- MEDIAN
- SIDEWALK
- BRICK SIDEWALK
- BRICK PAVEMENT
- SOD
- PAVEMENT PATCHES
- ① DRAINAGE STRUCTURE NO. (SEE DRAINAGE SCHEDULES)

SEE HORIZONTAL LAYOUT AND CONTROL SHEET FOR DESCRIPTION OF BENCH MARKS

NOTES:

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- MATERIAL TRANSFER DEVICES OR VIBRATORY ROLLERS ARE PROHIBITED FROM BEING OPERATED ACROSS THE EXISTING BRIDGE DECK.
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CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26	DRAWN BY: CTH
DESIGNED BY: SLB	CHECKED BY: TAC
CITY SECTION 17-00592-00-RS	

LINCOLN & SPRINGFIELD RESURFACING  
PLAN SHEETS - CLARK ST  
STA 1598+00.0 TO STA 1602+00.0

SHEET NO.  
37  
OF  
65

STORM SEWER STRUCTURE SCHEDULE										
STR. NO.	STRUCTURE TYPE	OFFSET SIDE	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/GR ATE ELEV.	PR. T/O FRAME/GR ATE ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
1	INLETS ADJ NEW T1 F CL	LT	110+65.24	40.22	721.80	722.92	719.55	E	719.13	3
							719.23	2		
2	INLETS TA T11 F&G	LT	110+73.81	31.26	----	722.40	----	--	719.47	1
3	F&L TO BE ADJ	LT	110+55.09	21.82	722.00	722.05	718.50	1	715.75	E
							717.15	4		
							716.30	6		
4	F&L TO BE ADJ	LT	111+03.94	21.39	722.26	722.23	719.91	5	717.26	3
							717.91	E		
5	F&L TO BE ADJ	LT	111+13.08	34.46	721.80	722.00	720.05	E	719.68	4
6	INLETS ADJ NEW T1 F CL	RT	110+63.37	35.29	721.98	----	717.33	7	716.05	3
7	MAN TA 4 DIA T11 F&G	RT	110+68.70	35.27	----	722.42	717.76	8	717.53	6
							717.63	9		
8	NO WORK TO BE DONE	RT	111+02.88	36.76	722.26	722.46	----	--	719.65	7
9	INLETS TA T11 F&G	RT	110+72.99	85.59	----	723.02	----	--	719.77	7
10	INLETS TB T11 F&G	LT	114+13.53	34.19	----	726.44	XXXX	11	XXXX	14
11	NO WORK TO BE DONE	LT	114+10.01	140.79	726.57	726.22	N/A	N/A	XXXX	10
12	F&L TO BE ADJ	LT	113+97.61	25.50	726.15	726.32	721.30	13	720.75	E
							722.15	14		
							721.95	17		
13	REMOVE INLETS	LT	113+98.36	36.41	725.89	----	----	--	722.04	12
14	F&L TO BE ADJ	LT	114+13.85	20.68	726.44	726.36	722.69	10	722.39	12
							721.69	E		
							722.54	15		
							721.44	E		
							721.69	E		
15	INLETS TA T11 F&G	LT	114+52.87	31.91	----	726.45	722.72	16	722.71	14
16	REMOVE INLETS	LT	114+64.69	35.85	726.06	----	----	--	722.77	15
17	INLETS ADJ NEW T1 F CL	RT	114+01.10	36.41	726.02	726.50	723.56	18	723.46	12
							723.52	19		
18	INLETS TB T11 F&G	RT	114+13.98	36.80	----	726.62	723.79	21	723.69	17

E = EXISTING

\*BUILD MANHOLE OVER EXISTING STORM SEWER. MANHOLE INVERTS ESTIMATED. FIELD VERIFY.

\*\*CONFLICT MANHOLE. SEE DETAIL SHEET. SANITARY SEWER INVERT IS ESTIMATED. FIELD VERIFY. CENTER OF 2 FT. OPENING = STA. 74+54.80, LT. 26.23

STORM SEWER PIPE SCHEDULE			
LOCATION STR. - STR. OR STA., O.S.	STORM SEW CL A 1 12 (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
2-1	11.9	2.02	0.22
9-7	50.5	4.24	3.68
18-17	12.9	1.01	1.17

+ ALL OFFSETS BASED OFF OF LINCOLN AVENUE ALIGNMENT MEASURED TO THE CENTER OF STRUCTURES



DATED: 4/26	DRAWN BY: CTH
DESIGNED BY: SLB	CHECKED BY: TAC
CITY SECTION 17-00592-00-RS	

STORM SEWER STRUCTURE SCHEDULE										
STR. NO.	STRUCTURE TYPE	OFFSET SIDE	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/GRAT E ELEV.	PR. T/O FRAME/GRAT E ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
19	INLETS ADJ NEW T1 F CL	RT	114+09.51	87.45	726.18	727.00	723.62	20	724.23	17
							724.68	E		
20	REMOVE INLETS	RT	114+53.01	87.69	726.26	727.45	----	--	724.36	19
21	INLETS TB T11 F&G	RT	114+19.23	56.07	----	726.86	724.09	22	723.99	18
22	INLETS TA T11 F&G	RT	114+42.96	87.64	----	726.86	----	--	724.56	21
* 23	MAN TA 4 DIA T11 F&G	LT	117+67.30	39.01	-----	724.04	719.29	24	719.23	26
							719.33	25		
24	F&L TO BE ADJ	LT	117+97.01	45.20	723.39	xxxx	----	--	719.67	23
25	INLETS TA T11 F&G	LT	117+64.14	81.06	----	723.94	----	--	720.69	23
26	MAN ADJ NEW T1 F CL	LT	117+51.47	35.90	723.54	xxxx	720.39	27	718.65	28
							719.04	23		
							N/A	E		
27	REMOVE INLETS	LT	117+56.68	42.69	723.42	----	----	--	720.72	26
* 28	MAN TA 4 DIA T1 F OL	LT	117+51.23	28.08	----	723.91	718.36	26	718.26	30
* 29	INLETS TB T11 F&G	LT	117+42.52	27.39	----	723.97	----	--	720.72	15
30	MAN RECON NEW T1 F CL	RT	117+50.23	4.21	n/a	724.15	716.74	28	716.64	E
							N/A	E		
							719.69	31		
* 31	MAN TA 4 DIA T1 F CL	RT	117+48.61	24.55	----	724.02	720.71	32	720.61	30
							720.71	33		
32	INLETS TA T11 F&G	RT	117+42.30	27.33	----	724.02	----	--	720.85	31
33	REMOVE INLETS	RT	117+47.69	34.22	723.35	----	----	--	721.10	31

E = EXISTING

\*BUILD MANHOLE OVER EXISTING STORM SEWER. MANHOLE INVERTS ESTIMATED. FIELD VERIFY.

\*\*CONFLICT MANHOLE. SEE DETAIL SHEET. SANITARY SEWER INVERT IS ESTIMATED. FIELD VERIFY. CENTER OF 2 FT. OPENING = STA. 74+54.80, LT. 26.23

STORM SEWER PIPE SCHEDULE			
LOCATION STR. - STR. OR STA., O.S.	STORM SEW CL A 112 (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
21-18	19.9	1.01	2.5
22-21	23.6	1.99	2.72
25-23	42.2	3.23	5.96
29-28	8.8	+	1.55
32-31	6.9	2.03	0.66

ALL OFFSETS BASED OFF OF LINCOLN AVENUE ALIGNMENT MEASURED TO THE CENTER OF STRUCTURES

+ GRADE TO BE DETERMINED IN FIELD



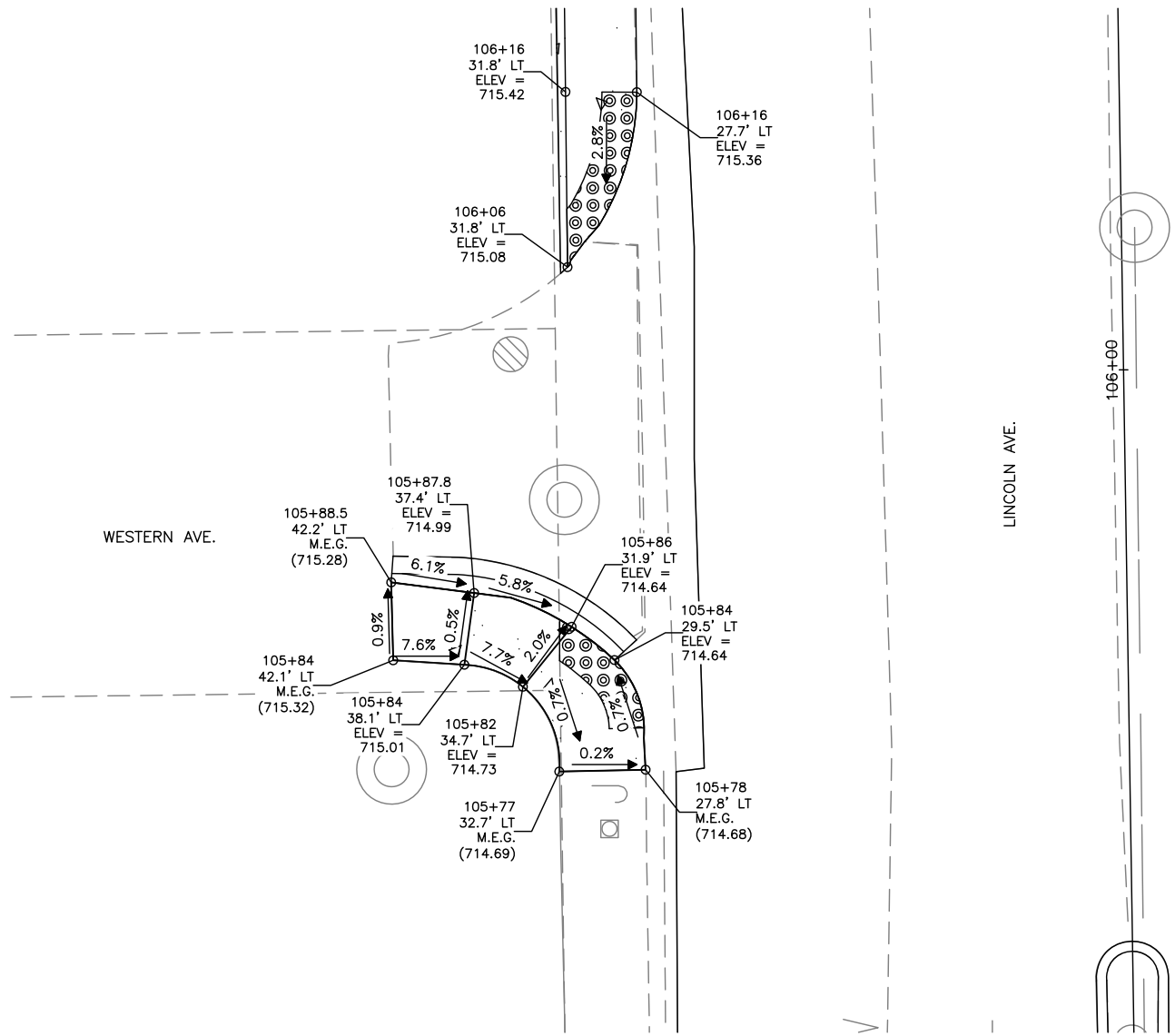
CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26	DRAWN BY: CTH	CHECKED BY: TAC	
	DESIGNED BY: SLB	CITY SECTION 17-00592-00-RS	

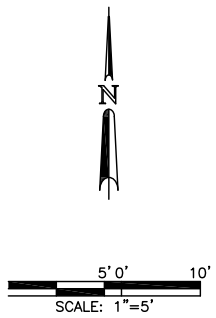
LINCOLN & SPRINGFIELD RESURFACING  
DRAINAGE SCHEDULES  
LINCOLN - 114+95 TO 120+20

SHEET NO.  
39  
OF  
65

APR 26 2021 11:33AM DETAILS— SIDEWALK CURB RAMPS.DWG



LOCATION #1&2  
W SIDE OF WESTERN AVENUE  
AND LINCOLN AVENUE



LEGEND

- DETECTABLE WARNINGS
- PCC SIDEWALK, 6"
- BRICK SIDEWALK
- P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1
- A-1 ACCESSIBLE PEDESTRIAN SIGNALS
- M.E.G. MATCH EXISTING GRADE

NOTES

1. THE PROPOSED ELEVATIONS ARE GIVEN FOR INFORMATION ONLY.
2. THE ELEVATIONS FOR THE SIDEWALK AND THE % SLOPES ARE FOR GENERAL LAYOUT AND FOR INFORMATION ONLY. THE MAXIMUM HANDICAP RAMP SLOPES AND SIDEWALK CROSS SLOPES SHALL BE ACCORDING TO THE VARIOUS CURB RAMP STANDARDS. FIELD ADJUSTMENTS SHALL BE MADE AS NECESSARY FOR THE SIDEWALK AND RAMPS TO CONFORM TO THE STANDARD.

SEE MISCELLANEOUS DETAILS FOR INFORMATION ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



CITY OF URBANA  
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ENGINEERING DIVISION

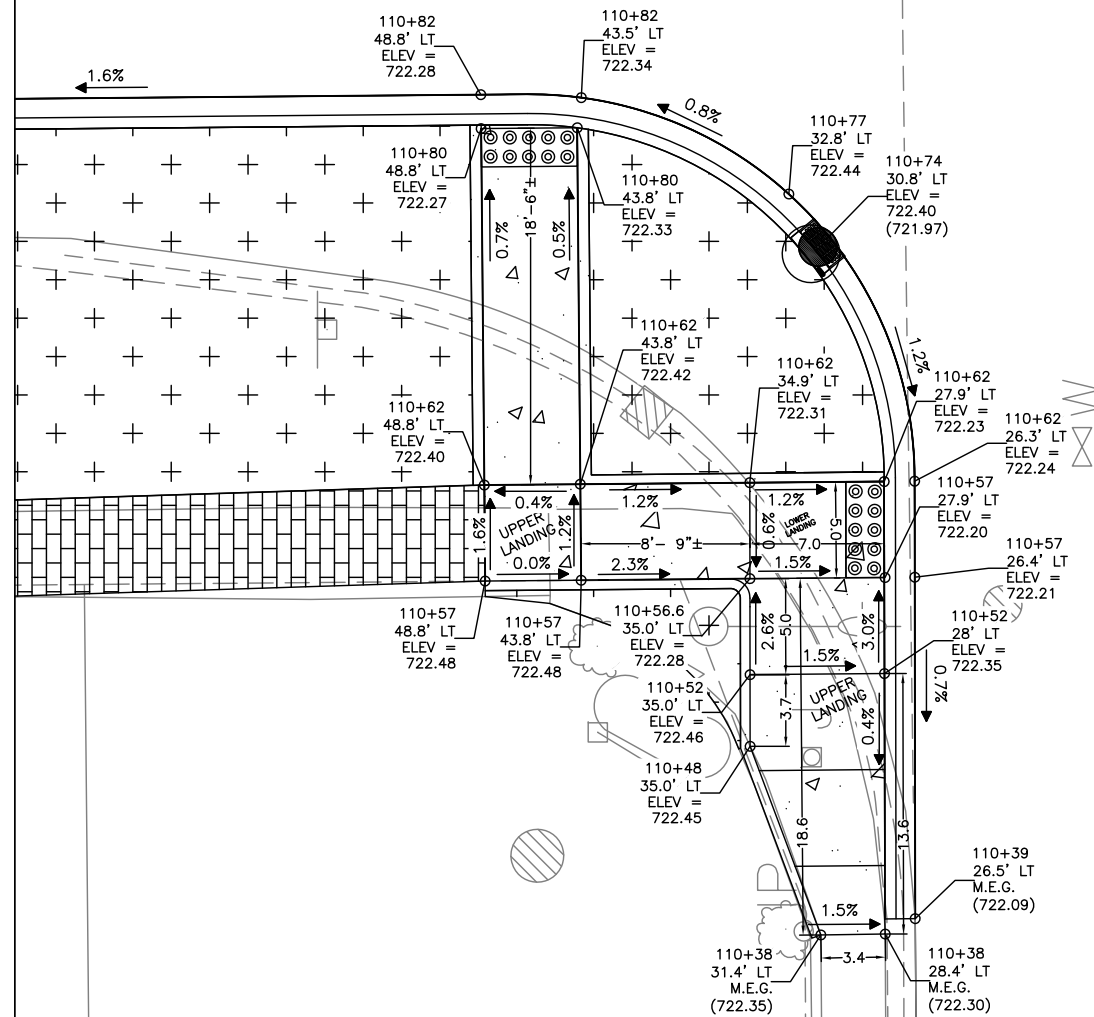
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CITY SECTION 17-00592-00-RS	

LINCOLN & SPRINGFIELD RESURFACING  
SIDEWALK DETAILS

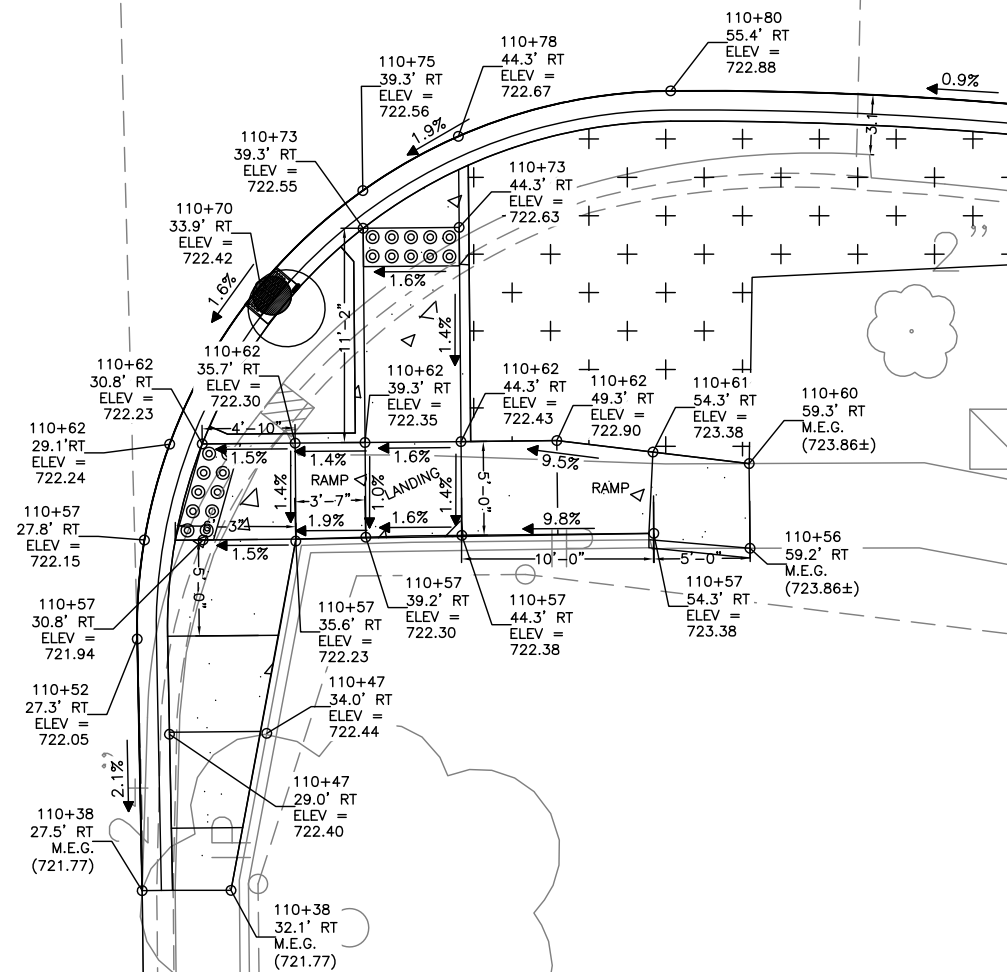
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OF  
65



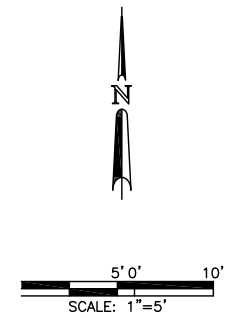









LOCATION #7  
SW CORNER OF STOUGHTON  
STREET AND LINCOLN AVENUE



LOCATION #8  
SE CORNER OF STOUGHTON  
STREET AND LINCOLN AVENUE



LEGEND

- |   |                                     |
|---|-------------------------------------|
|      | DETECTABLE WARNINGS                 |
|      | PCC SIDEWALK, 6"                    |
|      | BRICK SIDEWALK                      |
| P-1  | PEDESTRIAN PUSH-BUTTON POST, TYPE 1 |
| A-1  | ACCESSIBLE PEDESTRIAN SIGNALS       |
| M.E.G.  | MATCH EXISTING GRADE                |

NOTES

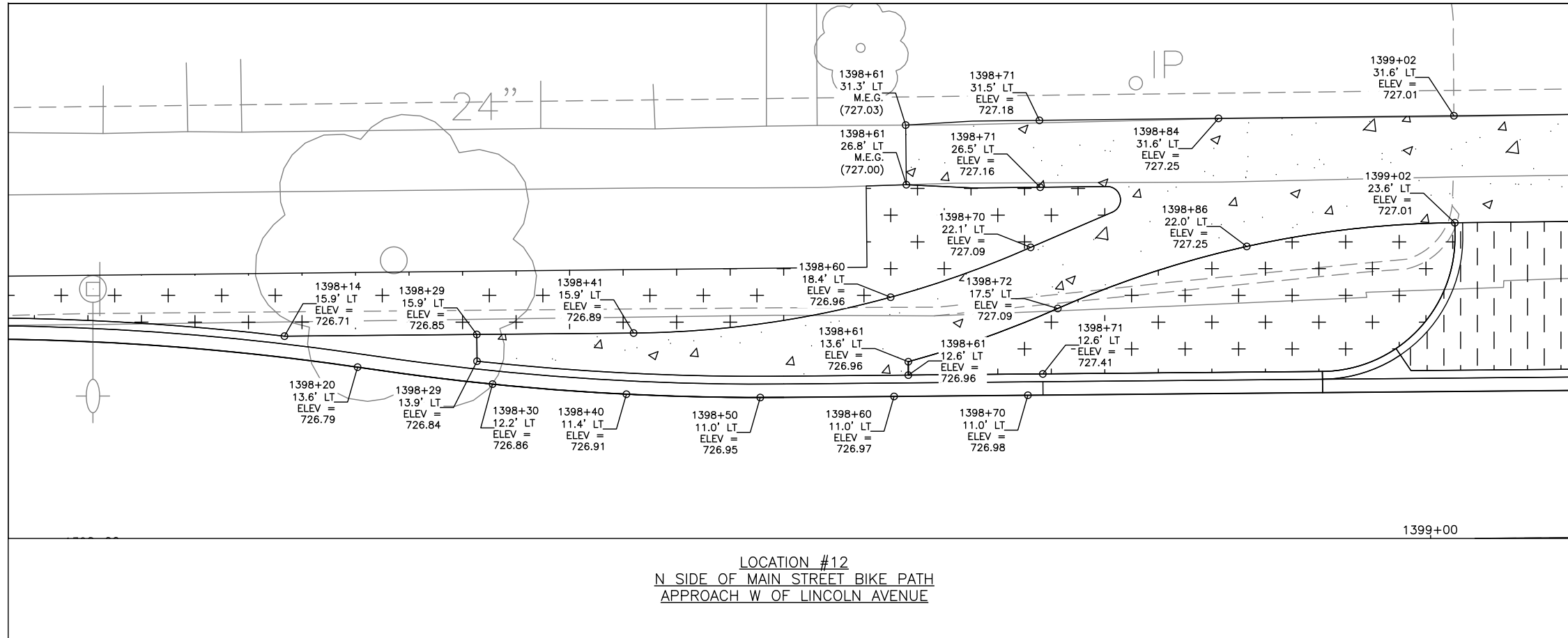
1. THE PROPOSED ELEVATIONS ARE GIVEN FOR INFORMATION ONLY.
2. THE ELEVATIONS FOR THE SIDEWALK AND THE % SLOPES ARE FOR GENERAL LAYOUT AND FOR INFORMATION ONLY. THE MAXIMUM HANDICAP RAMP SLOPES AND SIDEWALK CROSS SLOPES SHALL BE ACCORDING TO THE VARIOUS CURB RAMP STANDARDS. FIELD ADJUSTMENTS SHALL BE MADE AS NECESSARY FOR THE SIDEWALK AND RAMPS TO CONFORM TO THE STANDARD.

SEE MISCELLANEOUS DETAILS FOR INFORMATION  
ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

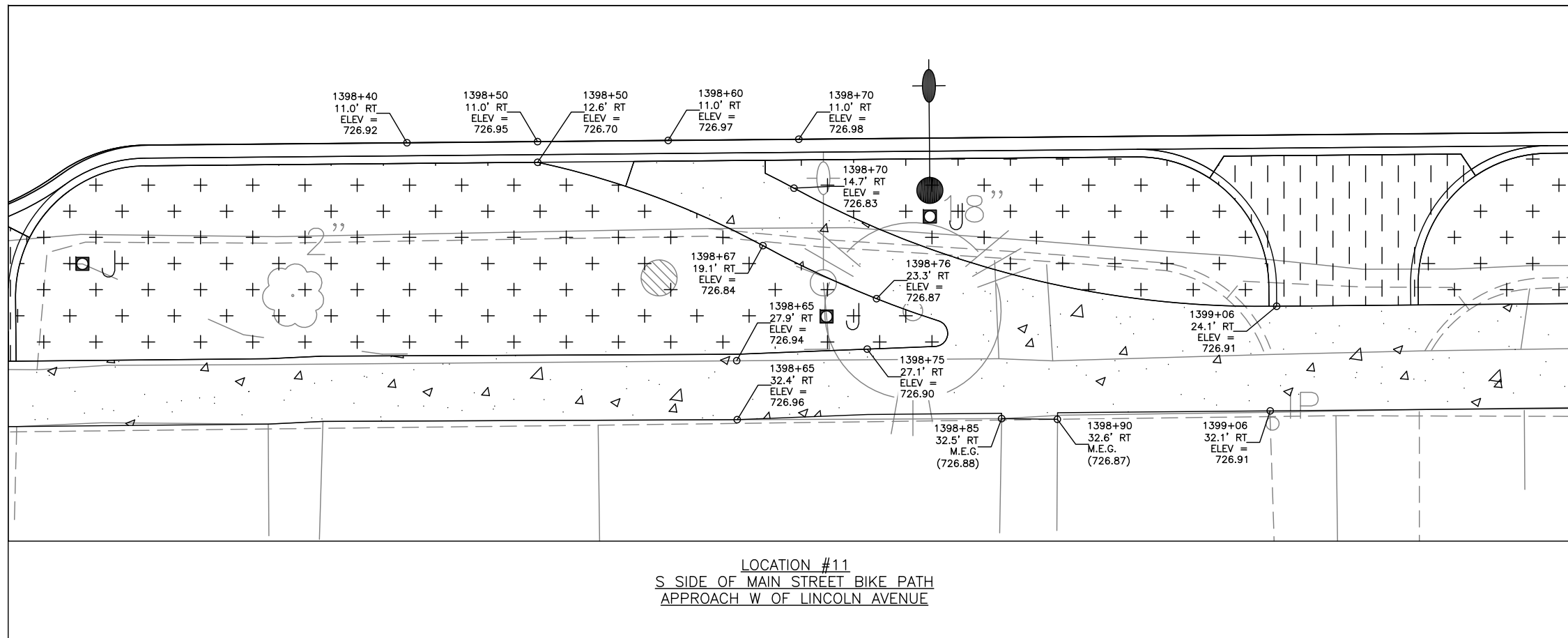
SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS  
AND PAVEMENT MARKING PLANS FOR ADDITIONAL  
INFORMATION.



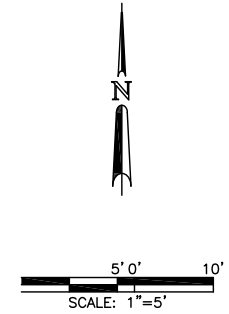
APR 26 2021 11:35AM DETAILS— SIDEWALK CURB RAMPS.DWG



LOCATION #12  
N SIDE OF MAIN STREET BIKE PATH  
APPROACH W OF LINCOLN AVENUE



LOCATION #11  
S SIDE OF MAIN STREET BIKE PATH  
APPROACH W OF LINCOLN AVENUE



LEGEND

- DETECTABLE WARNINGS
- PCC SIDEWALK, 6"
- BRICK SIDEWALK
- P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1
- A-1 ACCESSIBLE PEDESTRIAN SIGNALS
- M.E.G. MATCH EXISTING GRADE

NOTES

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SEE MISCELLANEOUS DETAILS FOR INFORMATION ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



CITY OF URBANA  
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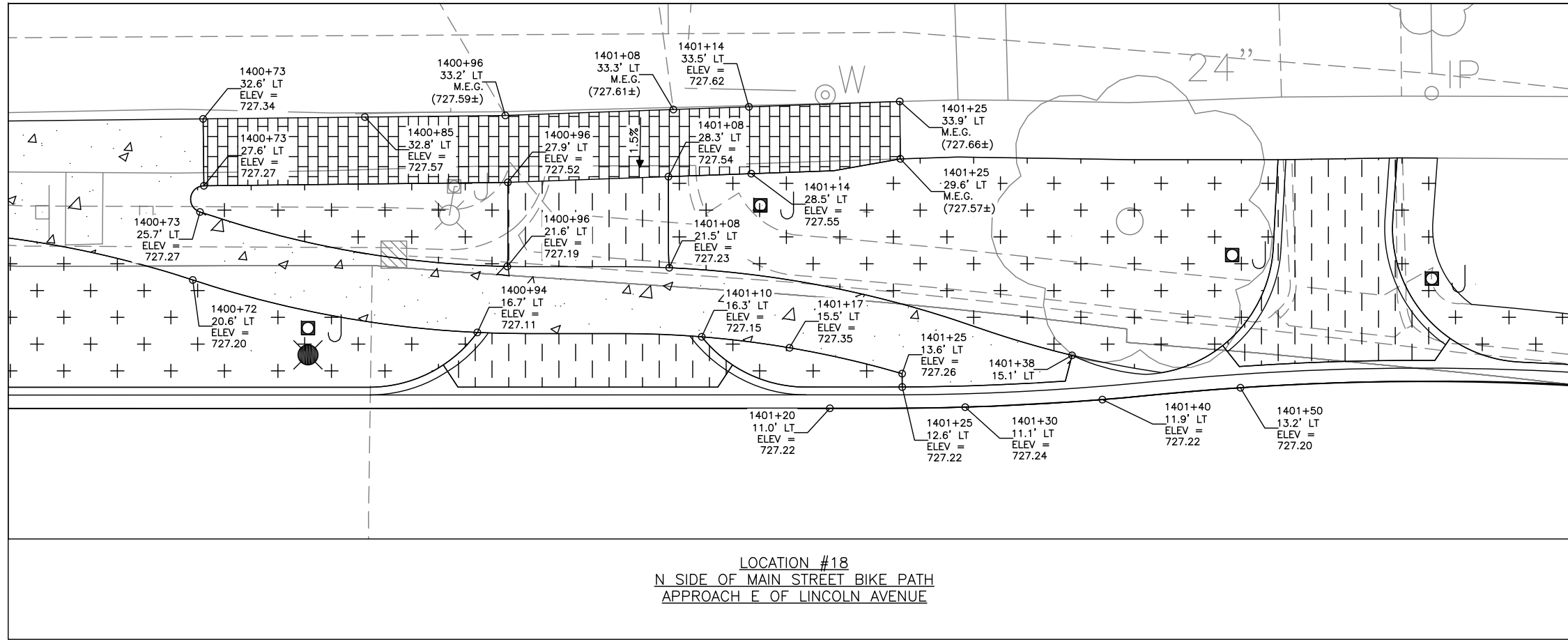
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
SIDEWALK DETAILS

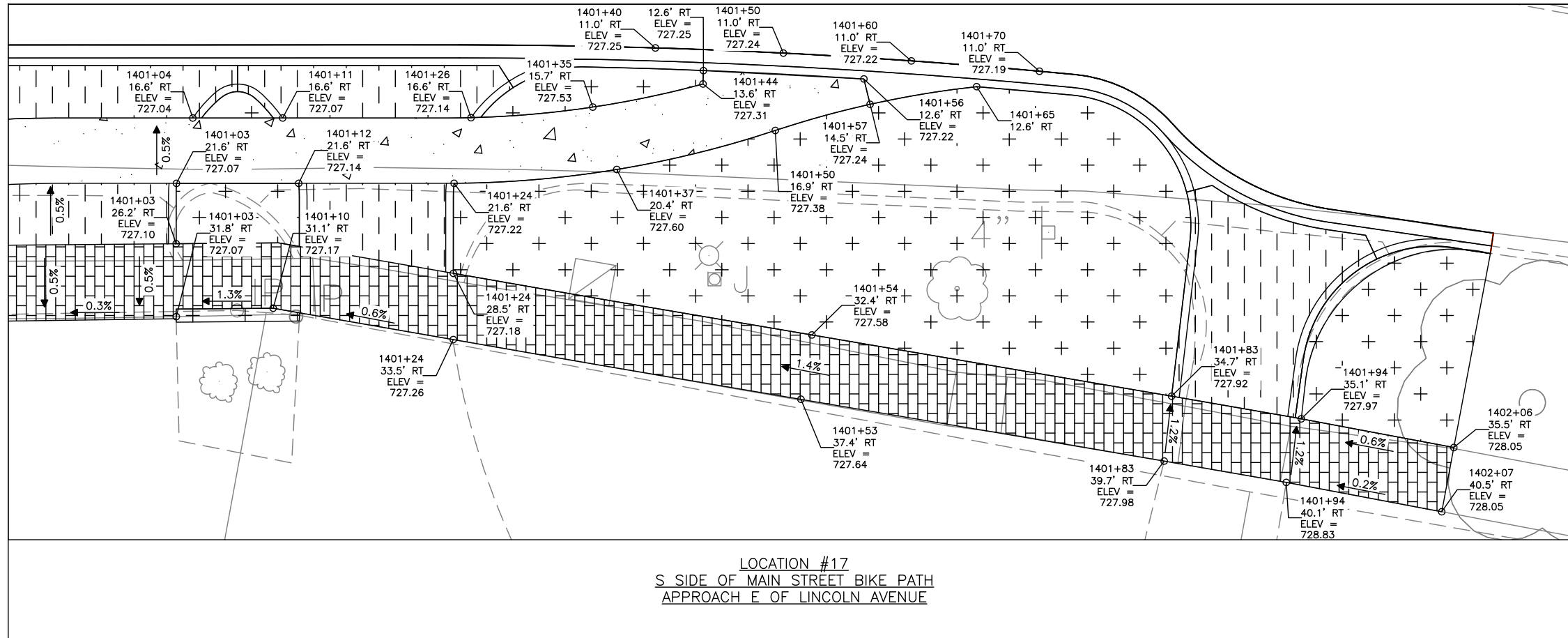
SHEET NO.  
44  
OF  
65



APR 26 2021 11:37AM DETAILS-- SIDEWALK CURB RAMPS.DWG



LOCATION #18  
N SIDE OF MAIN STREET BIKE PATH  
APPROACH E OF LINCOLN AVENUE



LOCATION #17  
S SIDE OF MAIN STREET BIKE PATH  
APPROACH E OF LINCOLN AVENUE

5' 0' 10'  
SCALE: 1"=5'

LEGEND

DETECTABLE WARNINGS

PCC SIDEWALK, 6"

BRICK SIDEWALK

P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1

A-1 ACCESSIBLE PEDESTRIAN SIGNALS

M.E.G. MATCH EXISTING GRADE

NOTES

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SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



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DATED: 4/26

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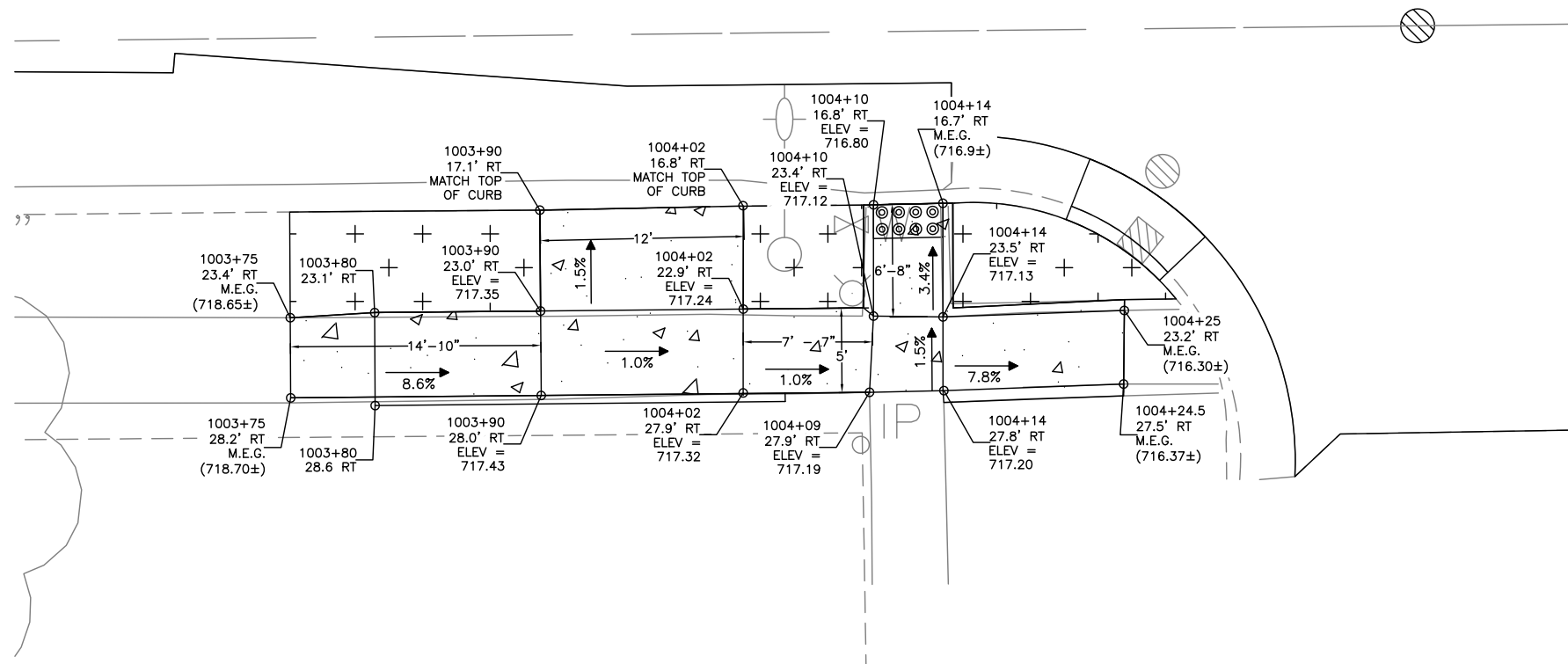
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17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
SIDEWALK DETAILS

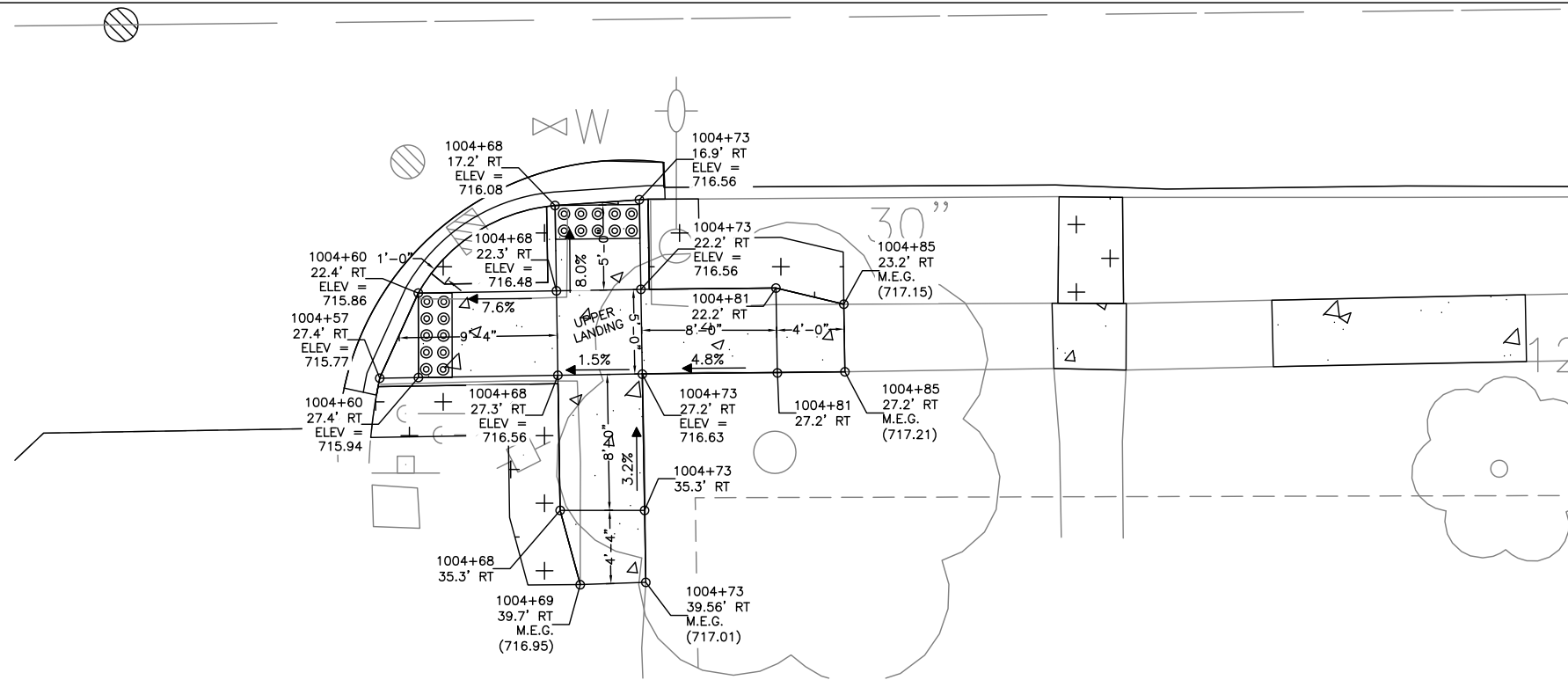
SHEET NO.  
46  
OF  
65



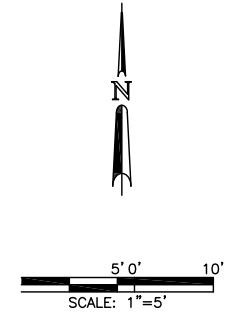
APR 26 2021 11:38AM DETAILS— SIDEWALK CURB RAMPS.DWG









LOCATION #23  
SW CORNER OF BUSEY AVENUE  
AND SPRINGFIELD AVENUE



LOCATION #24  
SE CORNER OF BUSEY AVENUE  
AND SPRINGFIELD AVENUE



#### LEGEND

-  DETECTABLE WARNINGS
-  PCC SIDEWALK, 6"
-  BRICK SIDEWALK
-  P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1
-  A-1 ACCESSIBLE PEDESTRIAN SIGNALS
-  M.E.G. MATCH EXISTING GRADE

#### NOTES

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SEE MISCELLANEOUS DETAILS FOR INFORMATION ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



CITY OF URBANA  
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DATED: 4/26

DESIGNED BY: SLB

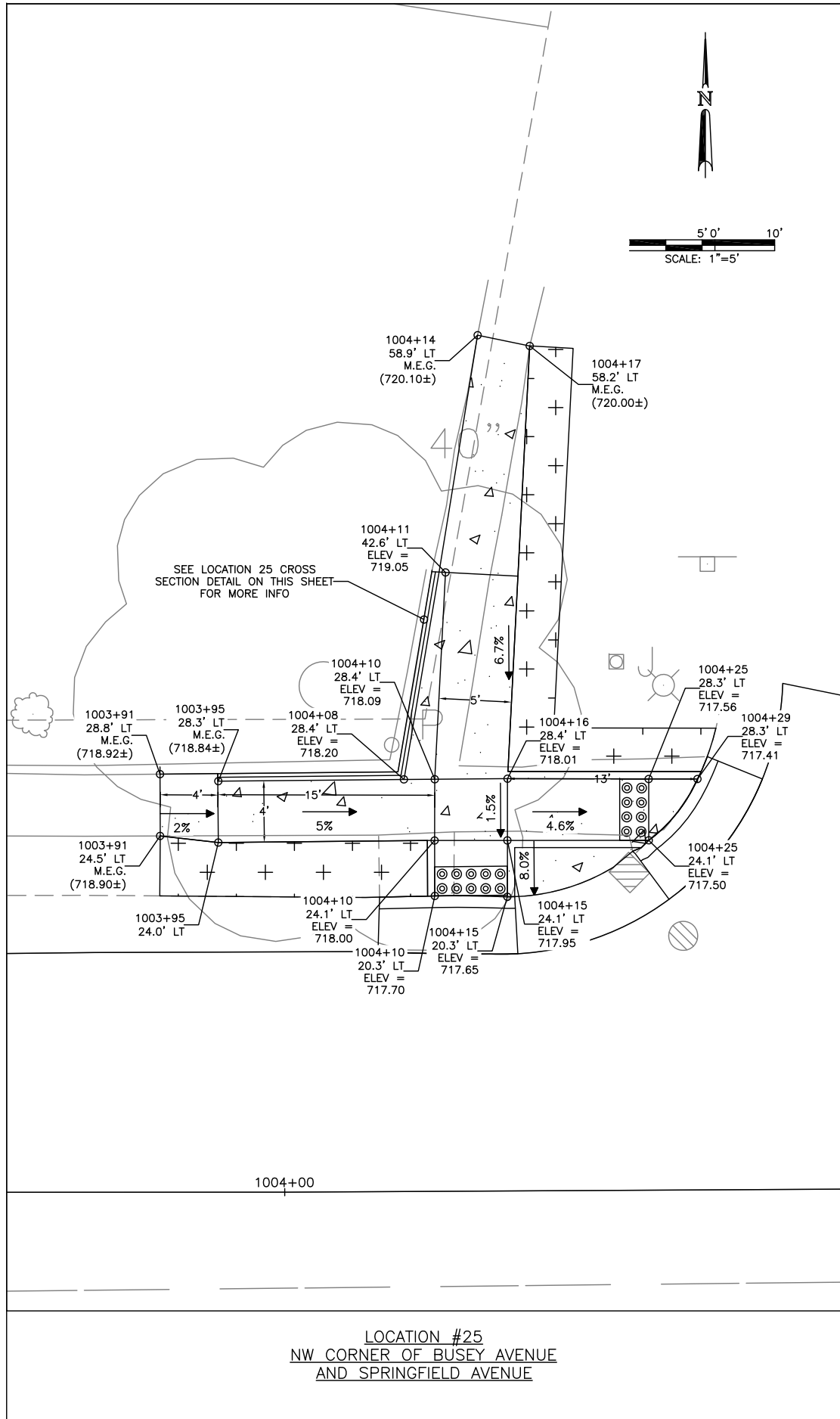
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
SIDEWALK DETAILS

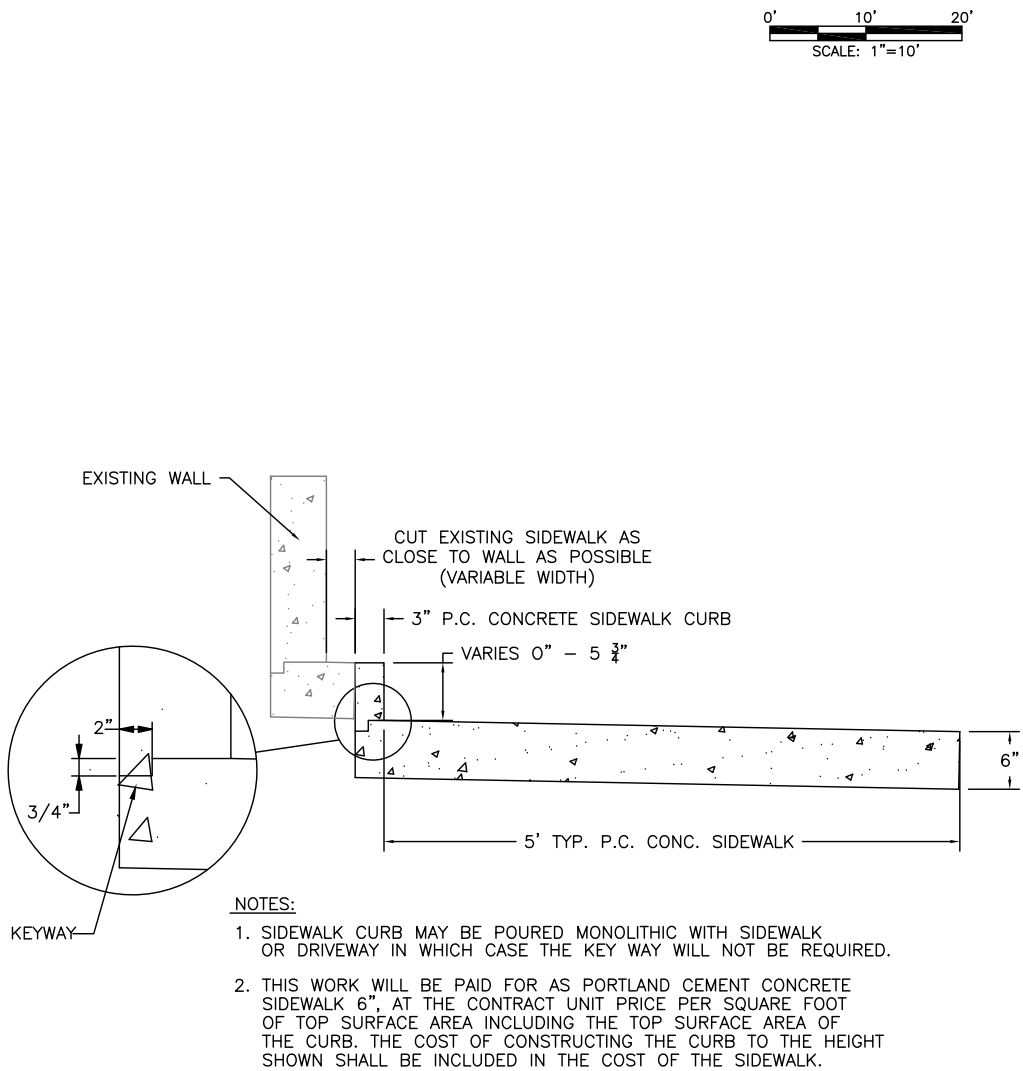
SHEET NO.  
48  
OF  
65



APR 26 2021 11:39AM DETAILS-- SIDEWALK CURB RAMPS.DWG



LOCATION #25  
NW CORNER OF BUSEY AVENUE  
AND SPRINGFIELD AVENUE



LOCATION 25 CROSS SECTION DETAIL

- NOTES:
- SIDEWALK CURB MAY BE POURED MONOLITHIC WITH SIDEWALK OR DRIVEWAY IN WHICH CASE THE KEY WAY WILL NOT BE REQUIRED.
  - THIS WORK WILL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 6", AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF TOP SURFACE AREA INCLUDING THE TOP SURFACE AREA OF THE CURB. THE COST OF CONSTRUCTING THE CURB TO THE HEIGHT SHOWN SHALL BE INCLUDED IN THE COST OF THE SIDEWALK.

LEGEND

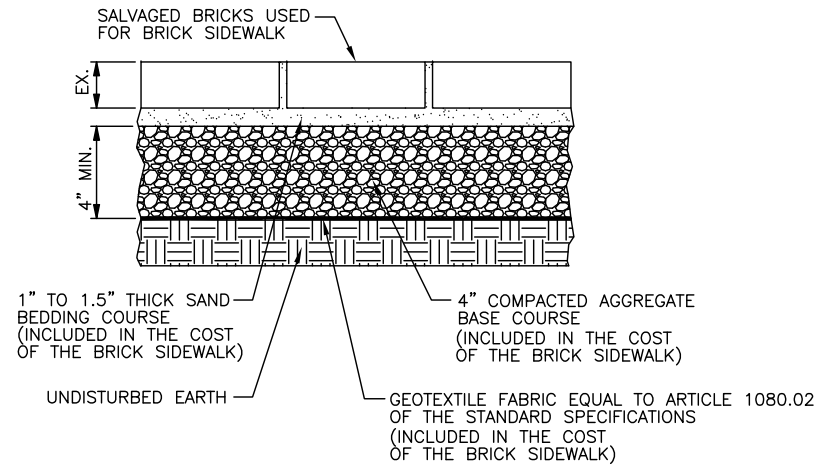
- DETECTABLE WARNINGS
- PCC SIDEWALK, 6"
- BRICK SIDEWALK
- P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1
- A-1 ACCESSIBLE PEDESTRIAN SIGNALS
- M.E.G. MATCH EXISTING GRADE

NOTES

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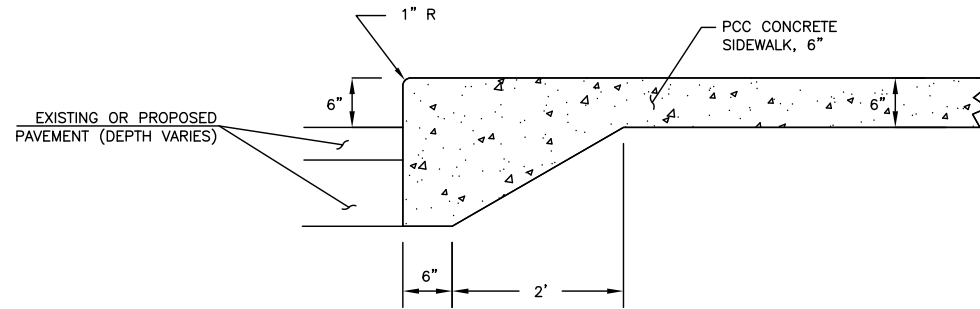
SEE MISCELLANEOUS DETAILS FOR INFORMATION ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



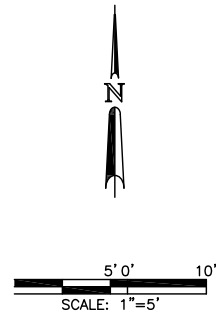
**NOTE:**  
THE COST OF INSTALLING THE SALVAGED BRICK PAVERS ON THE SAND BEDDING COURSE SHALL BE INCLUDED IN THE COST OF THE BRICK SIDEWALK. THE AGGREGATE BASE COURSE AND GEOTEXTILE FABRIC WILL BE INCLUDED IN THE COST OF THE BRICK SIDEWALK.

BRICK SIDEWALK DETAIL



**NOTE:**  
THIS WORK WILL BE PAID FOR AS PCC SIDEWALK, 6", AT THE CONTRACT UNIT PRICE PER SQUARE FOOT, WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK, INCLUDING SAW CUTTING, PAVEMENT REMOVAL, EXCAVATION, AND THE EXTRA THICKNESS OF THE PORTLAND CEMENT CONCRETE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CARRIAGE WALK DETAIL

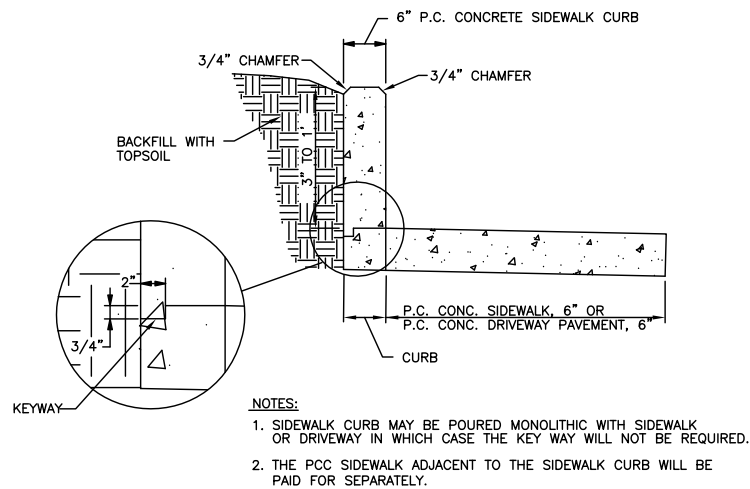


- LEGEND**
- DETECTABLE WARNINGS
  - PCC SIDEWALK, 6"
  - P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1
  - A-1 ACCESSIBLE PEDESTRIAN SIGNALS

- NOTES**
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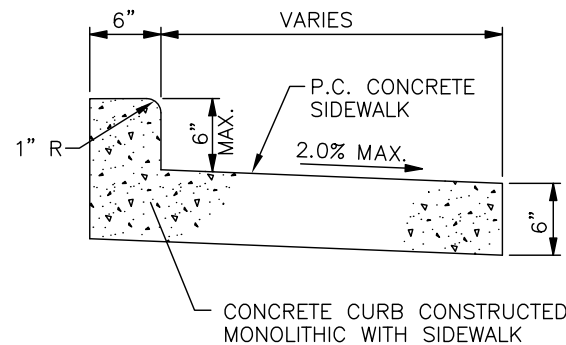
SEE MISCELLANEOUS DETAILS FOR INFORMATION ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



- NOTES:**
1. SIDEWALK CURB MAY BE POURED MONOLITHIC WITH SIDEWALK OR DRIVEWAY IN WHICH CASE THE KEY WAY WILL NOT BE REQUIRED.
  2. THE PCC SIDEWALK ADJACENT TO THE SIDEWALK CURB WILL BE PAID FOR SEPARATELY.

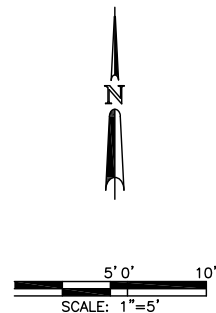
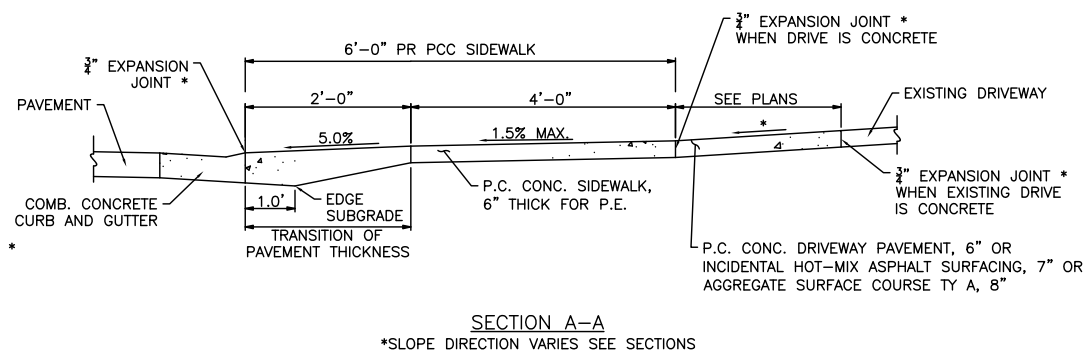
PORTLAND CEMENT CONCRETE  
SIDEWALK CURB DETAIL



**NOTE:**  
CURB HEIGHT AND SHAPE SHALL MATCH EXISTING CURB TO REMAIN. THIS WORK WILL BE PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 6", AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF TOP SURFACE AREA INCLUDING THE TOP SURFACE AREA OF THE CURB. THE COST OF CONSTRUCTING THE CURB TO THE HEIGHT SHOWN SHALL BE INCLUDED IN THE COST OF THE SIDEWALK. ADJUST JOINTING TO MATCH THE EXISTING CURB TO BE REPLACED.

MONOLITHIC SIDEWALK CURB DETAIL





LEGEND



## DETECTABLE WARNINGS

PCC SIDEWALK, 6"

P-1 (●) PEDESTRIAN PUSH-BUTTON POST, TYPE 1

A-1  ACCESSIBLE PEDESTRIAN SIGNALS

NOTES

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SEE MISCELLANEOUS DETAILS FOR INFORMATION  
ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS  
AND PAVEMENT MARKING PLANS FOR ADDITIONAL  
INFORMATION.

## SIDEWALK GENERAL NOTES

THE COST OF CONSTRUCTING THE DEPRESSED CURB AS SHOWN SHALL BE CONSIDERED INCLUDED IN THE COST OF CONSTRUCTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

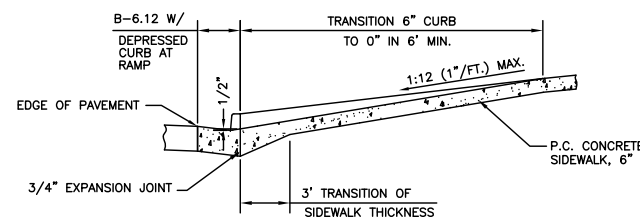
THE COST OF FURNISHING AND INSTALLING THE  $\frac{3}{4}$ " EXPANSION JOINTS AND THE COST OF CONSTRUCTING THE P.C.C. SIDEWALK THICKNESS TRANSITION, INCLUDING THE ADJACENT CURBING AS SHOWN, SHALL BE INCLUDED IN THE COST OF CONSTRUCTING P.C. CONCRETE SIDEWALK AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DETECTABLE WARNINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 424001 AND THE SPECIAL PROVISIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR DETECTABLE WARNINGS. SEE PLANS FOR DETAILS.

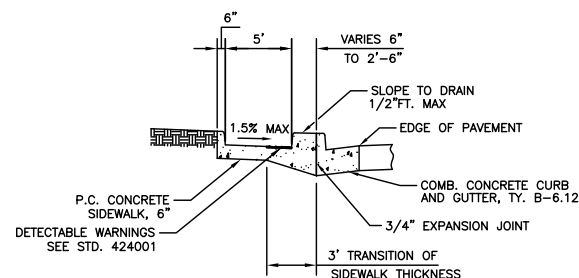
THE NORMAL CROSS SLOPES OF SIDEWALKS SHALL BE 1.5% MAXIMUM EXCEPT AT THE RAMP LOCATIONS.

## SIDEWALK RAMP DETAILS

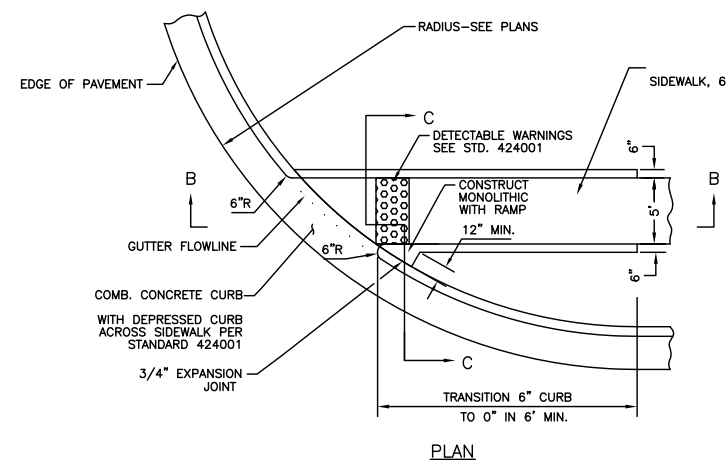
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1"=2.5' VERTICAL

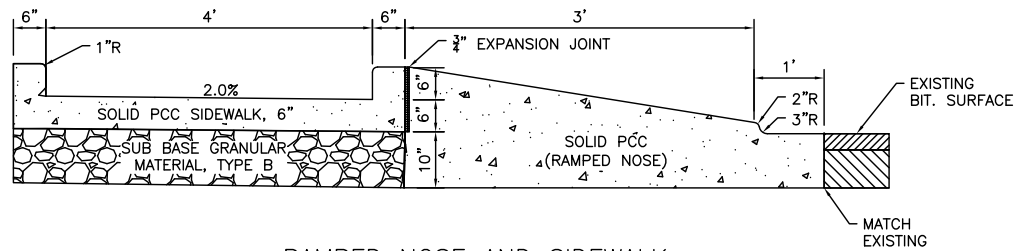


SECTION B-B



SECTION C-C

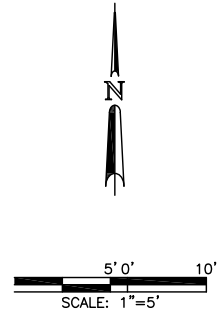




RAMPED NOSE AND SIDEWALK

NOTES

1. ALL PROPOSED RAMPED NOSE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE OF PCC SIDEWALK, 6".
2. THE SUBBASE SHALL BE REMOVED TO 4 INCHES BELOW THE EXISTING PAVEMENT AND BROUGHT BACK TO PROPER FINISHED SUBGRADE ELEVATION WITH 4 INCHES OF SUBBASE GRANULAR MATERIAL TYPE B, IDOT CA-6. THE COST OF FURNISHING AND INSTALLING THE GRANULAR MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE PCC SIDEWALK, 6". NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE COST OF FURNISHING AND INSTALLING THE GRANULAR MATERIAL TYPE B AND TOP SOIL IN THE MEDIAN WILL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE CONCRETE CURB, TYPE B (SPECIAL). NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



LEGEND

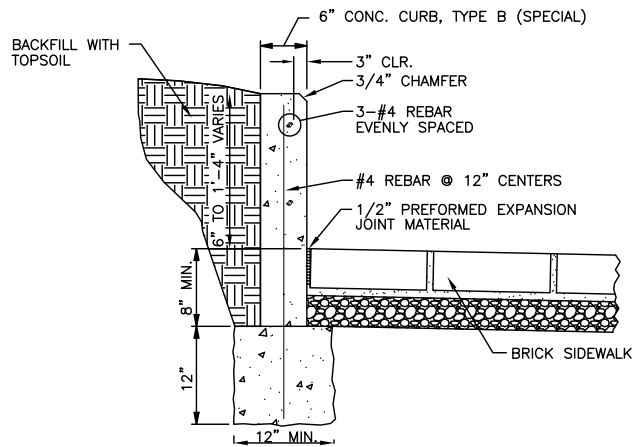
- DETECTABLE WARNINGS
- PCC SIDEWALK, 6"
- P-1 PEDESTRIAN PUSH-BUTTON POST, TYPE 1
- A-1 ACCESSIBLE PEDESTRIAN SIGNALS

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SEE MISCELLANEOUS DETAILS FOR INFORMATION ABOUT MONOLITHIC CURBS AND SIDEWALK RAMPS.

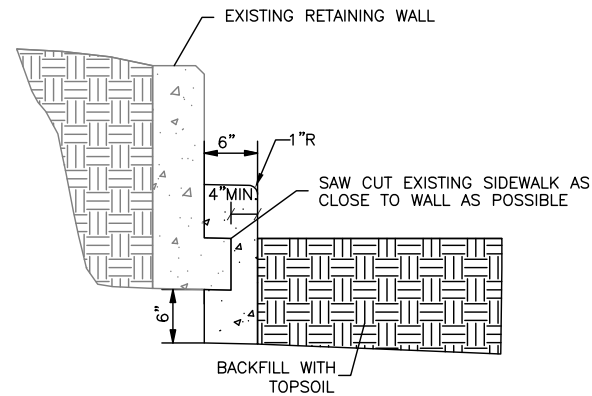
SEE TYPICAL SECTIONS, TRAFFIC CONTROL PLANS AND PAVEMENT MARKING PLANS FOR ADDITIONAL INFORMATION.



NOTE:

THE COST OF CONSTRUCTING THE ADDITIONAL CURB WIDTH BELOW GRADE AND FURNISHING AND INSTALLING THE #4 REBARS AND PREFORMED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB, TYPE B (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE BRICK SIDEWALK WILL BE PAID FOR SEPARATELY.

CONCRETE CURB, TYPE B  
(SPECIAL) DETAIL



NOTE:

THE COST OF CONSTRUCTING THE ADDITIONAL CURB WIDTH BELOW GRADE SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB, TYPE B (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONCRETE CURB, TYPE B  
(SPECIAL) DETAIL



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: CTH

CHECKED BY: TAC

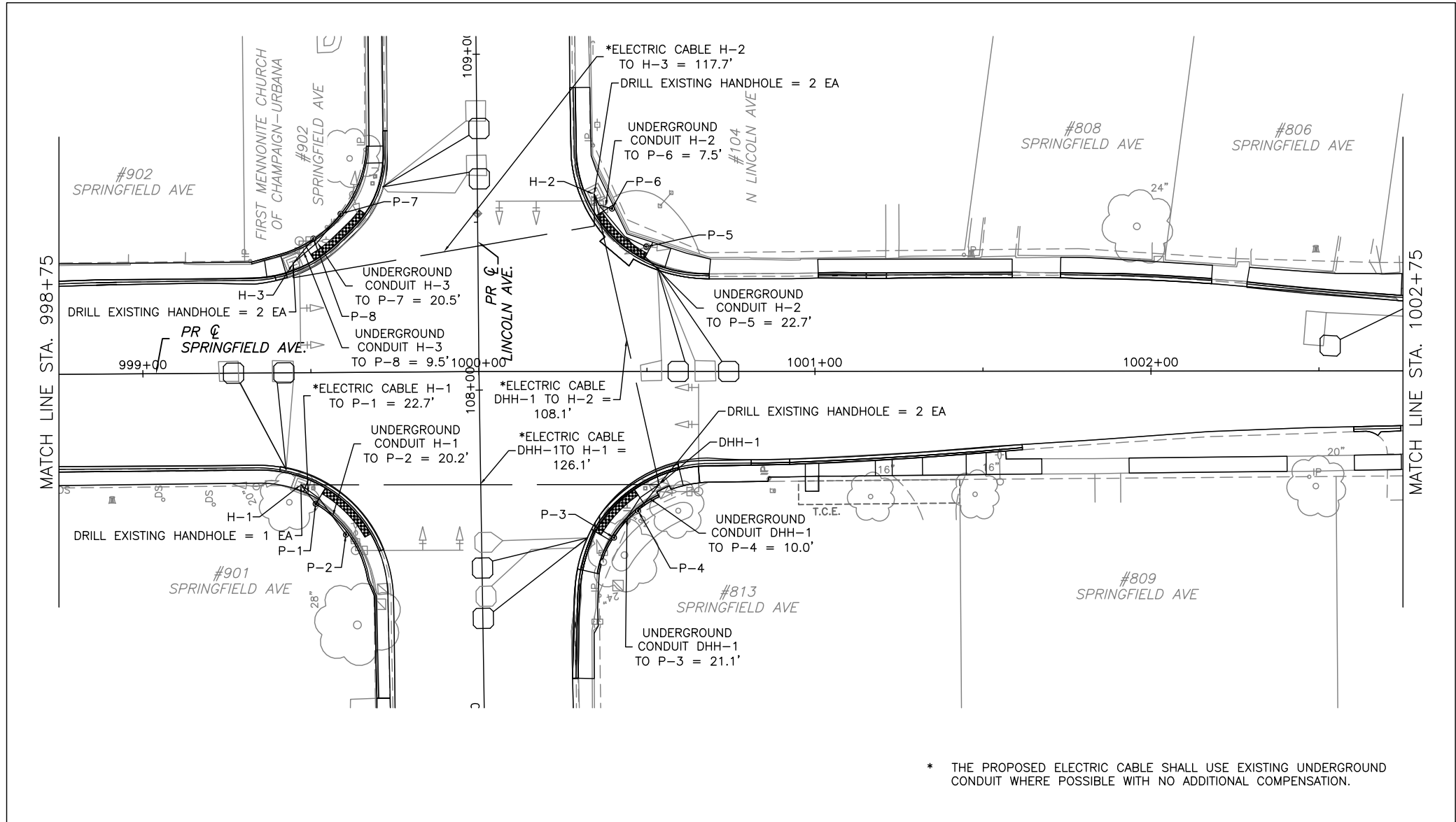
CITY SECTION

17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
SIDEWALK DETAILS

SHEET NO.  
52  
OF  
65

APR 26 2021 11:42AM TRAFFIC SIGNAL PLANS.DWG



NOTES

1. THE PROPOSED ELECTRIC CABLE FOR THE PEDESTRIAN PUSH BUTTONS SHALL NOT BE CONNECTED TO THE EXISTING ELECTRIC CABLE INSIDE THE EXISTING HANDHOLES USING WATERTIGHT SPLICES. ALL PROPOSED CABLE RUNS SHALL BE INSTALLED TO THE CONTROLLER CABINET.
2. THE ACTUAL LOCATIONS OF ALL PEDESTRIAN PUSH-BUTTONS WILL BE VERIFIED IN THE FIELD BY THE ENGINEER.
3. A PEDESTRIAN PUSH-BUTTON R10-3 SIGN SHALL BE MOUNTED ABOVE EACH PEDESTRIAN PUSH-BUTTON, 9" X 15" WITH BACK PLATE.
4. THE CONCRETE FOUNDATION FOR THE PEDESTRIAN PUSH-BUTTON POST SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSH-BUTTON POST, TYPE 2.
5. ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE THE POLARA NAVIGATOR SYSTEM OR APPROVED EQUIVALENT.
6. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES.
7. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT DEPTH.
8. A 1/4" POLYPROPYLENE PULL ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS EXCEEDING 20 FEET. A MINIMUM OF 2 FEET OF ROPE SHALL BE PROVIDED AT EACH END OF A CONDUIT RUN. THE ROPE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
9. ALL ADAPTERS REQUIRED TO CONNECT THE PROPOSED CONDUIT TO THE EXISTING CONDUIT SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
10. DISTURBED AREAS AROUND PROPOSED CONCRETE FOUNDATIONS SHALL BE BACKFILLED WITH EITHER CONTROLLED LOW-STRENGTH MATERIAL OR COMPACTED FINE AGGREGATE (TRENCH BACKFILL). THIS WORK SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSH-PUTTON POST, TYPE 2.
11. ALL DETECTOR LOOPS SHALL BE INSTALLED AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
12. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE HMA SURFACE COURSE, AT LEAST 1 1/2" DEEP AND SEALED WITH EPOXY.
13. ALL DETECTOR LOOPS SHALL HAVE 3 TURNS PER LOOP IN THE LEFT TURN LANES AND 4 TURNS PER LOOP FOR ADVANCED.

REMOVAL NOTES

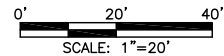
1. THE EXISTING ELECTRIC CABLE FOR THE PEDESTRIAN PUSH BUTTONS SHALL BE REMOVED IF IT INTERFERES WITH THE PROPOSED CONSTRUCTION, EXISTING ELECTRIC CABLE THAT DOES NOT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL EITHER BE ABANDONED IN PLACE OF REMOVED. THE REMOVAL OF EXISTING ELECTRIC CABLE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR PEDESTRIAN PUSH-BUTTON POST, TYPE 2.

EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED

1. THE FOLLOWING EXISTING TRAFFIC SIGNAL SHALL BE REMOVED, REMAIN THE PROPERTY OF CITY OF URBANA, AND BE DELIVERED TO THE CITY OF URBANA PUBLIC WORKS FACILITY AT 706 SOUTH GLOVER AVENUE:

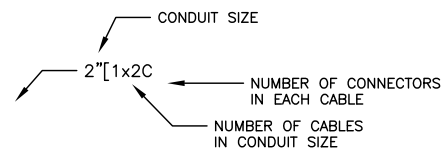
ITEM	UNIT	QUANTITY
PEDESTRIAN PUSH BUTTON SIGNALS	EACH	5

REMOVAL AND DELIVERY OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT AS INDICATED SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE FOR PEDESTRIAN PUSH-BUTTON POST, TYPE 2.



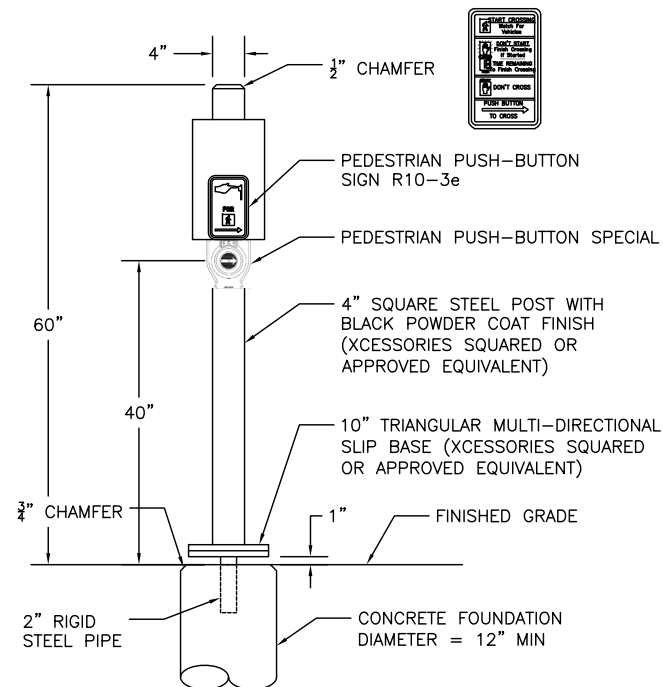
LEGEND

- EXISTING PEDESTRIAN PUSH-BUTTON POST, TYPE 1
- EXISTING ACCESSIBLE PEDESTRIAN SIGNALS
- H-1 HANDHOLE
- MAST ARM POLE OR SIGNAL POST
- EXISTING ELECTRIC CABLE IN CONDUIT
- PROPOSED ELECTRIC CABLE IN CONDUIT
- L1 DETECTOR LOOP, TYPE 1
- P-1 PROPOSED PEDESTRIAN PUSH-BUTTON POST, TYPE 2
- A-1 PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS



SEE SCHEDULE OF QUANTITIES FOR TYPICAL TRAFFIC SIGNAL PAY ITEMS AND THEIR LOCATIONS.

SEE PROPOSED TYPICAL SECTIONS, SIDEWALK DETAILS, PAVEMENT MARKING DETAILS AND MISCELLANEOUS DETAILS FOR ADDITIONAL INFORMATION.



PEDESTRIAN PUSH-BUTTON POST DETAIL

NOTES:

SEE HIGHWAY STANDARD 876001 FOR ADDITIONAL DETAILS

THE PEDESTRIAN PUSH-BUTTON SIGNS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: CTH

CHECKED BY: TAC

DATED: 4/26

DESIGNED BY: SLB

CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
TRAFFIC SIGNAL PLANS

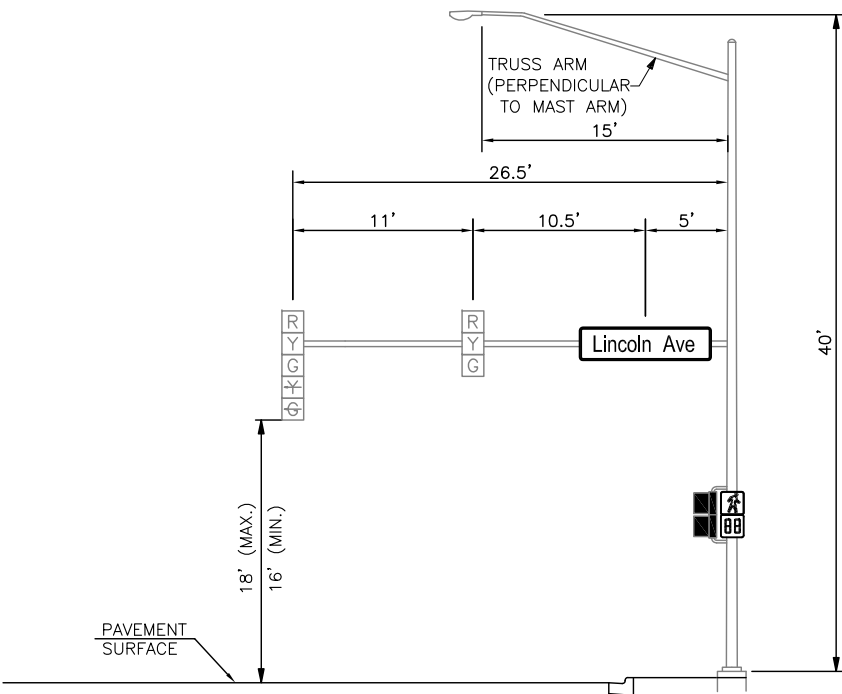
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53

OF

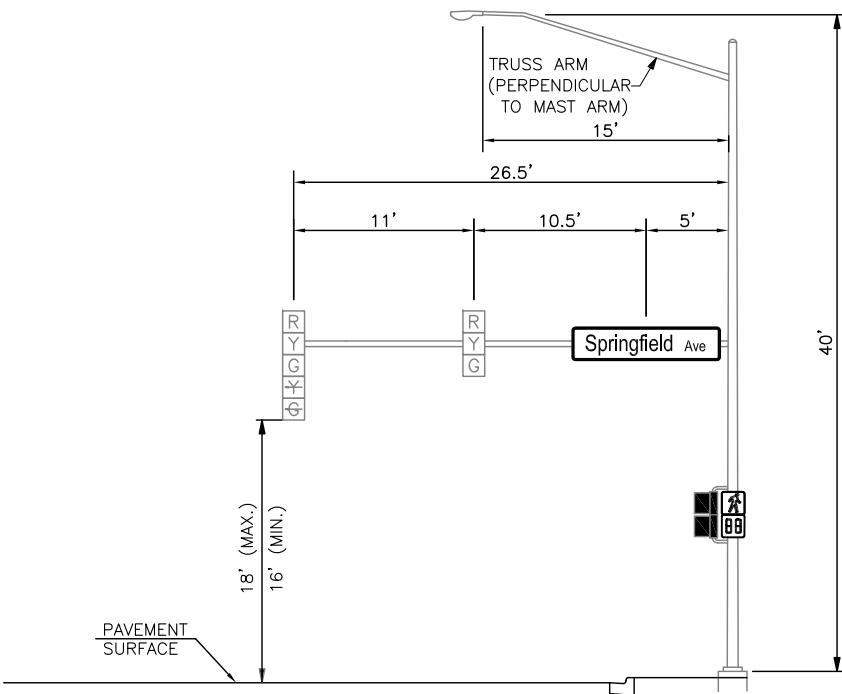
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APR 26 2021 11:42AM TRAFFIC SIGNAL PLANS.DWG



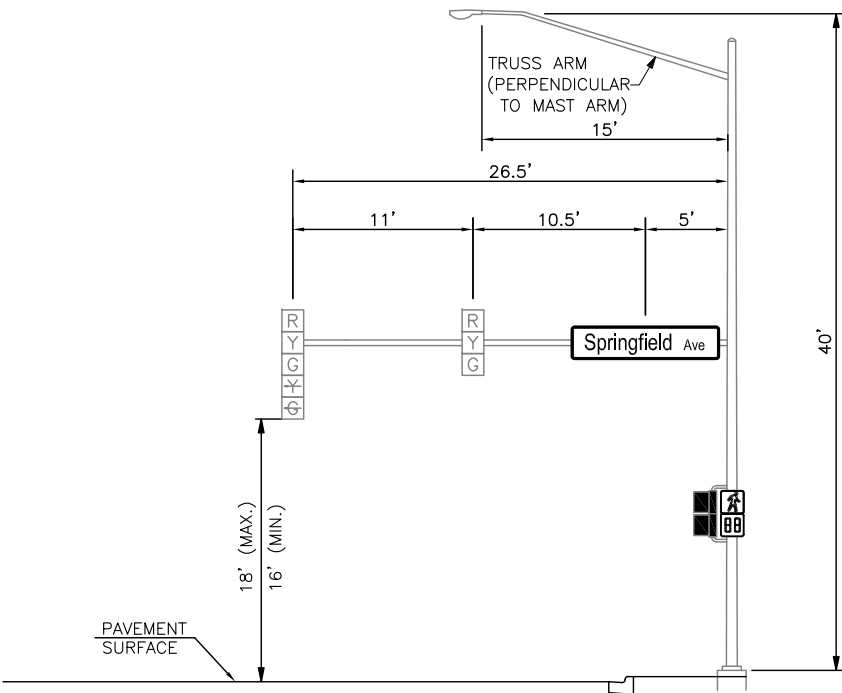
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NO SCALE

SPRINGFIELD AVENUE/LINCOLN AVENUE INTERSECTION  
NORTHWEST QUADRANT



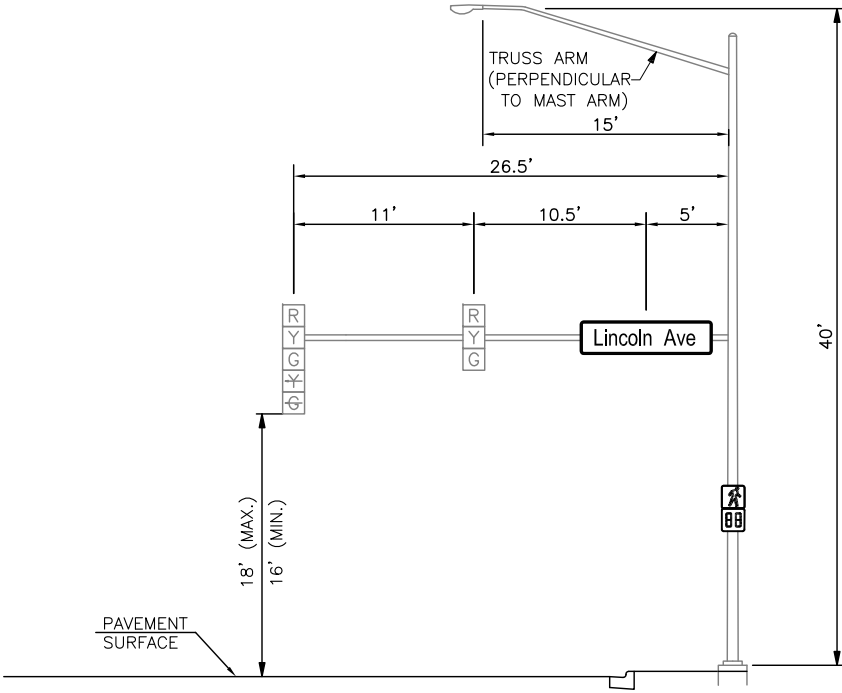
MAST ARM LOADING DIAGRAM  
NO SCALE

SPRINGFIELD AVENUE/LINCOLN AVENUE INTERSECTION  
NORTHEAST QUADRANT



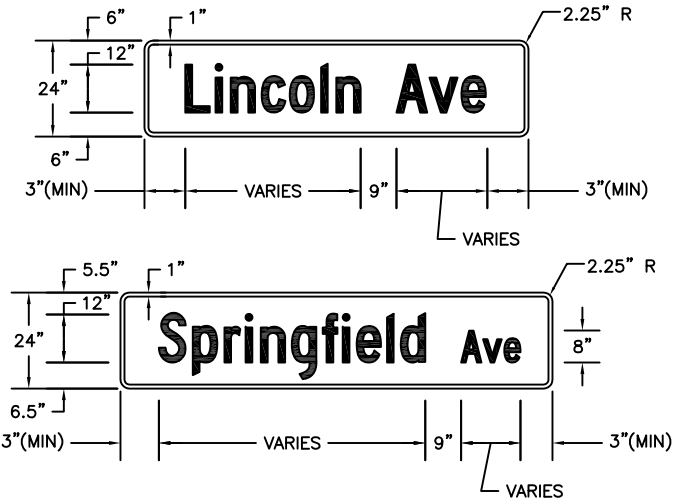
MAST ARM LOADING DIAGRAM  
NO SCALE

SPRINGFIELD AVENUE/LINCOLN AVENUE INTERSECTION  
SOUTHWEST QUADRANT



MAST ARM LOADING DIAGRAM  
NO SCALE

SPRINGFIELD AVENUE/LINCOLN AVENUE INTERSECTION  
SOUTHEAST QUADRANT



MAST ARM MOUNTED STREET NAME SIGN PANEL DETAIL

SIGN SPECIFICATIONS:

- SEE THE 2009 MUTCD STANDARD SIGNS DETAIL D3-1 FOR MORE INFORMATION
- THE OVERALL DIMENSIONS OF THE SIGN PLATES SHOULD BE IN MULTIPLES OF 6 INCHES
- BACKGROUND:
  - EC SERIES 1170 GREEN TRANSLUCENT (REVERSE IMAGE)
- BORDER AND LEGEND:
  - 3M DIAMOND GRADE VIP 3990 WHITE

STREET SIGN SCHEDULE				
LOCATION - STA., O.S.	MUTCD #	PANEL TYPE	DESCRIPTION	DIMENSIONS
108+28.86, 53.1' LT	D3-1	Type 2	Lincoln Ave	24" x 84"
1000+21.1, 50.8' LT	D3-1	Type 2	Springfield Ave	24" x 102"
999+78.93, 53.1' RT	D3-1	Type 2	Springfield Ave	24" x 102"
107+84.76, 65.1' RT	D3-1	Type 2	Lincoln Ave	24" x 84"

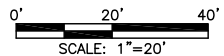
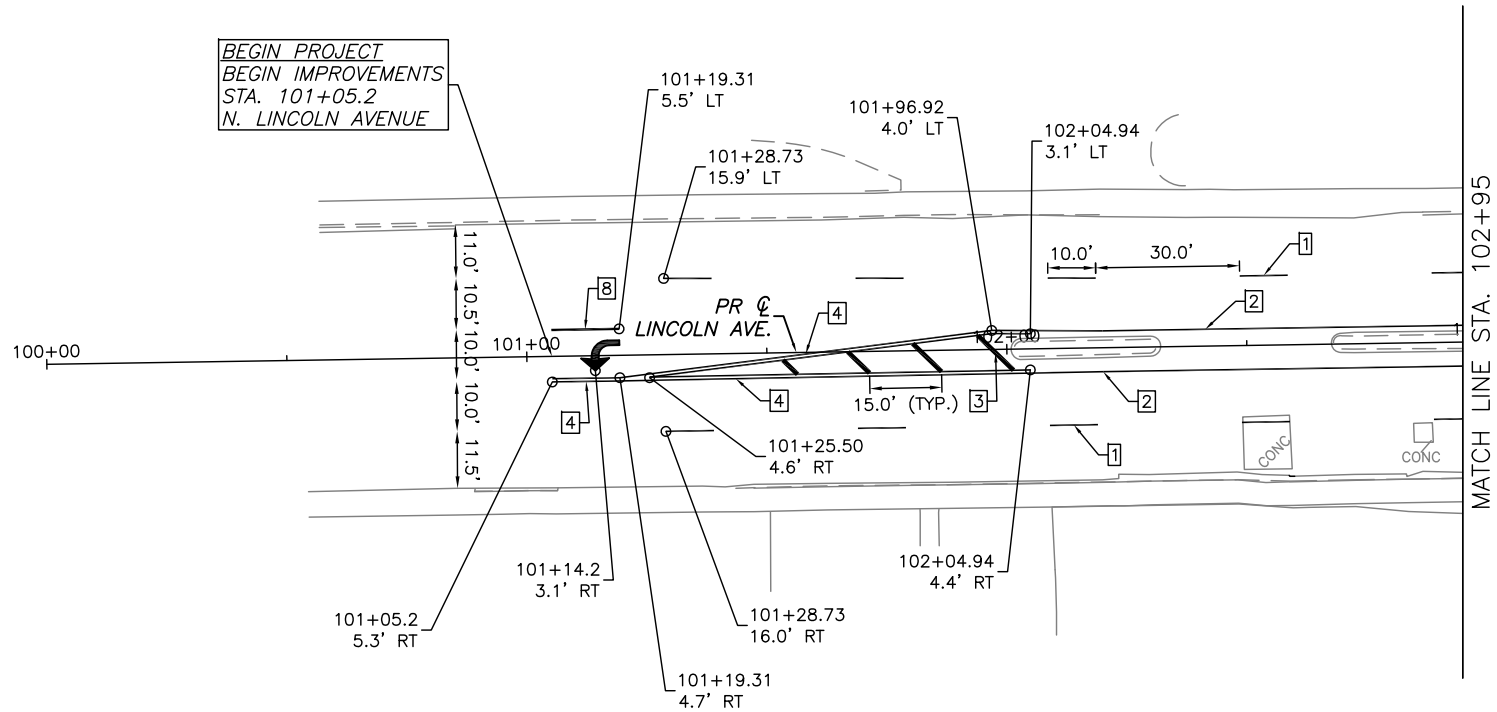
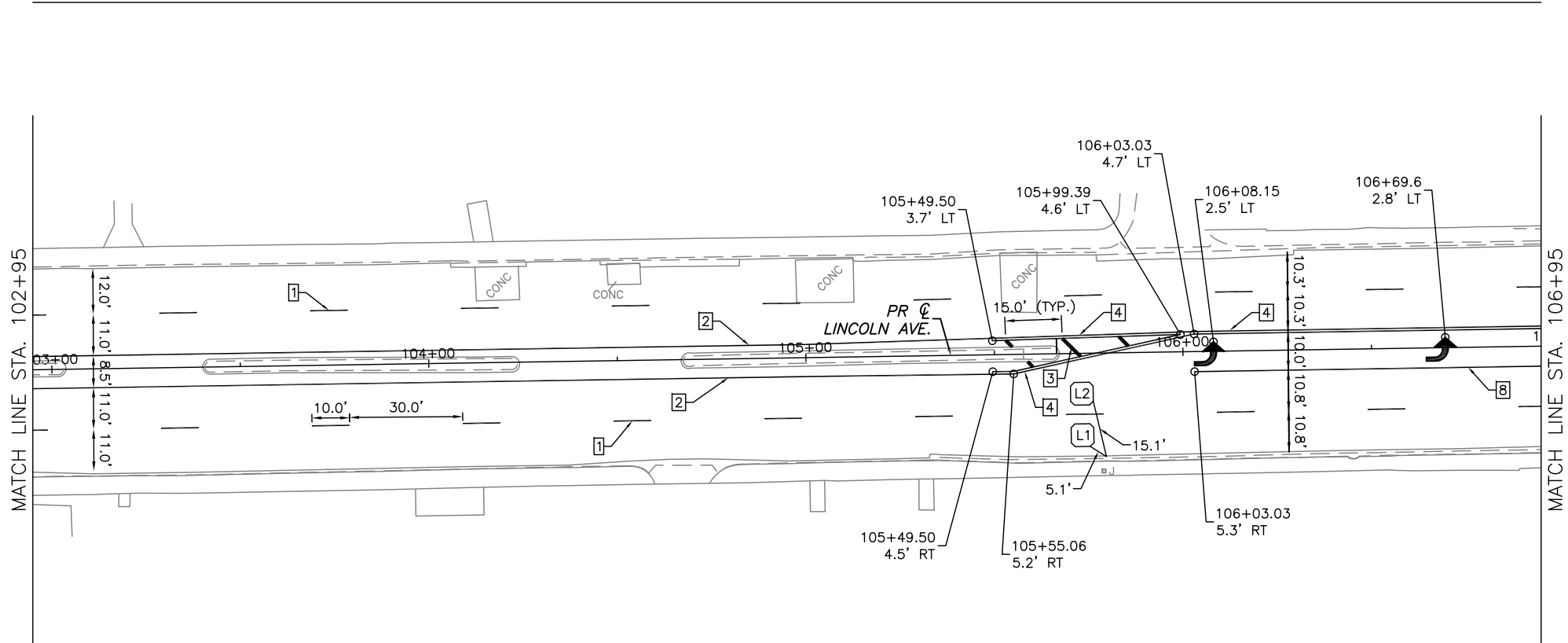


CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
DRAWN BY: CTH  
CHECKED BY: TAC  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
TRAFFIC SIGNAL PLANS

SHEET NO.  
54  
OF  
65



THE EXISTING TRAFFIC CONTROL SIGNS THAT ARE IN THE WAY OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND KEPT THROUGHOUT CONSTRUCTION.

THE PROPOSED TRAFFIC CONTROL SIGNS SHOWN WILL BE FURNISHED AND INSTALLED BY OTHERS AND ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO OPENING THE PROPOSED ROADWAYS TO TRAFFIC. THE ENGINEER WILL COORDINATE THE SIGN INSTALLATION WITH THE CITY OF URBANA.

ALL SIGNS SHALL BE INSTALLED IN CONFORMANCE WITH IDOT GUIDELINES AND STANDARDS FOR HORIZONTAL AND VERTICAL CLEAR ZONES.

TYPICAL SIGNAGE LEGEND	
	POST MOUNTED SIGN
	LIGHT POLE MOUNTED SIGN
	MAST ARM MOUNTED SIGN

ALL DETECTOR LOOPS SHALL BE INSTALLED AT THEIR EXISTING LOCATIONS, AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS.

ALL DETECTOR LOOPS SHALL BE INSTALLED IN HMA SURFACE COURSE.

TYPICAL PAVEMENT MARKING LEGEND	
	100 (4) SKIP-DASH (YELLOW)
	100 (4) SOLID (YELLOW)
	300 (12) DIAGONAL (YELLOW)
	100 (4) DOUBLE YELLOW (NARROW)
	100 (6) DOUBLE YELLOW (WIDE)
	150 (6) SOLID (WHITE)
	100 (4) SKIP-DASH (WHITE)
	100 (4) SOLID (WHITE)
	300 (12) DIAGONAL (WHITE)
	150 (6) CROSS WALK (WHITE)
	600 (24) STOP BAR (WHITE)
	150 (6) LANE LINE EXTENSIONS (WHITE)
	100 (6) LANE LINE EXTENSIONS (WHITE)
	300 (12) SOLID (WHITE)



W11-2  
36"X36"



W16-9P  
24"X12"



R4-7b  
24"X30"



W16-7P(L)  
24"X12"



W16-7P(R)  
24"X12"



W11-15  
36"X36"



W11-1  
30"X30"



BIKE-1  
9"X12"



R1-2 (BIKE)  
18"X18"X18"



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: CTH

DATED: 4/26

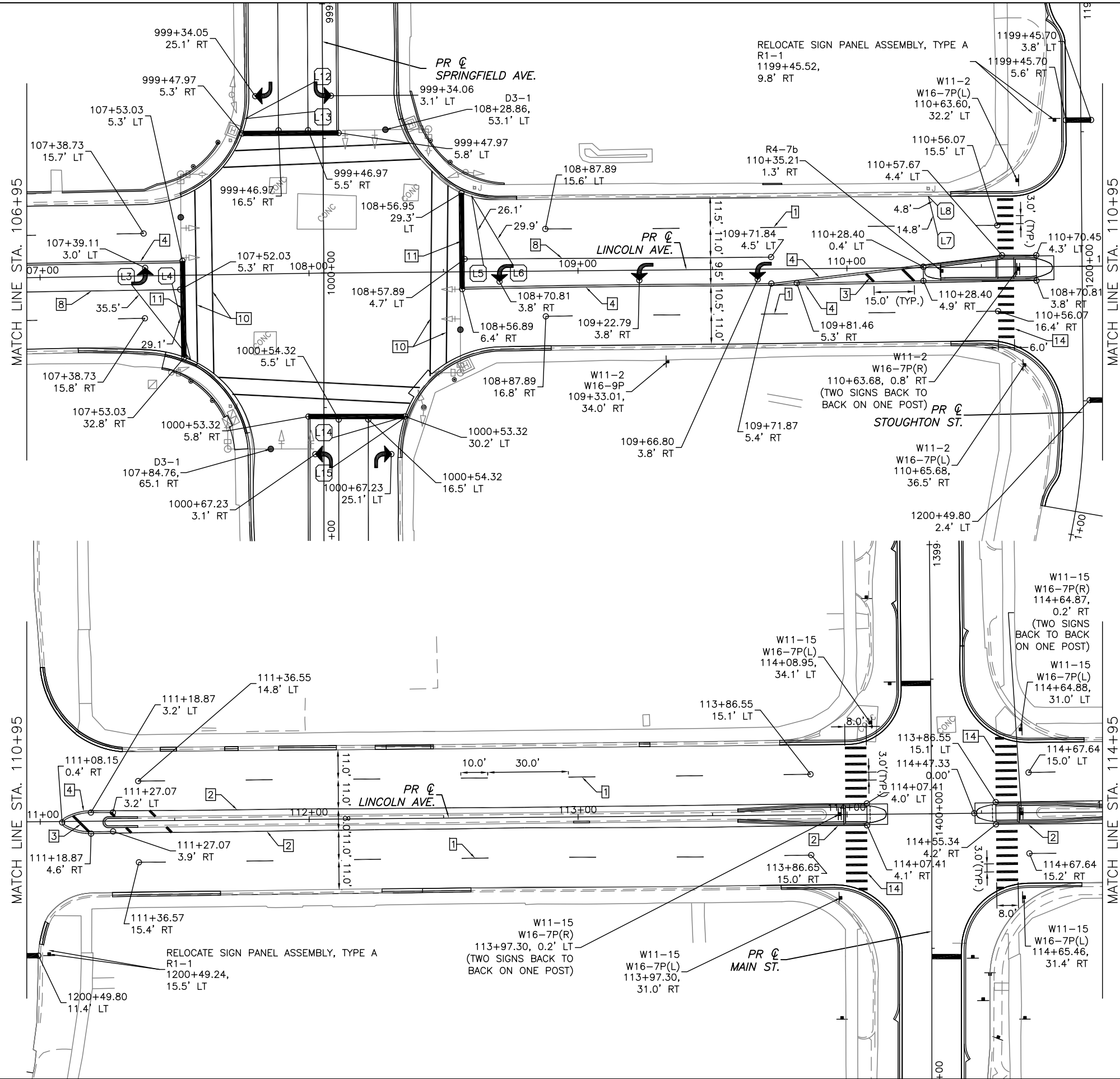
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DESIGNED BY: SLB

CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PAVEMENT MARKING AND SIGNING PLANS  
STA 101+05.2 TO STA 106+95.0

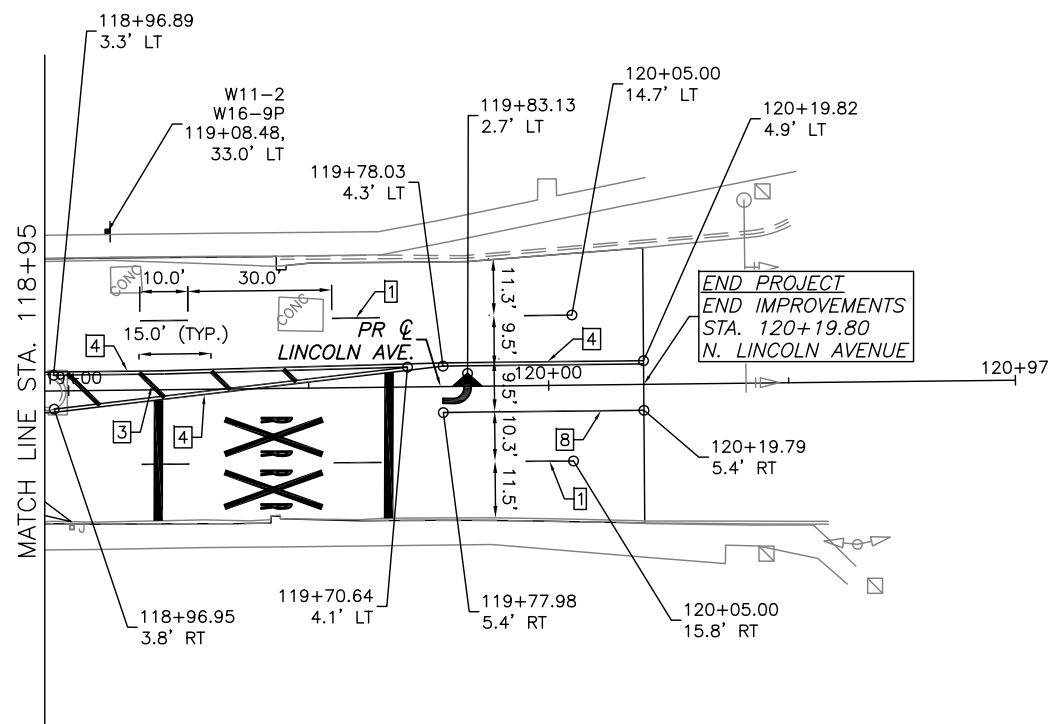
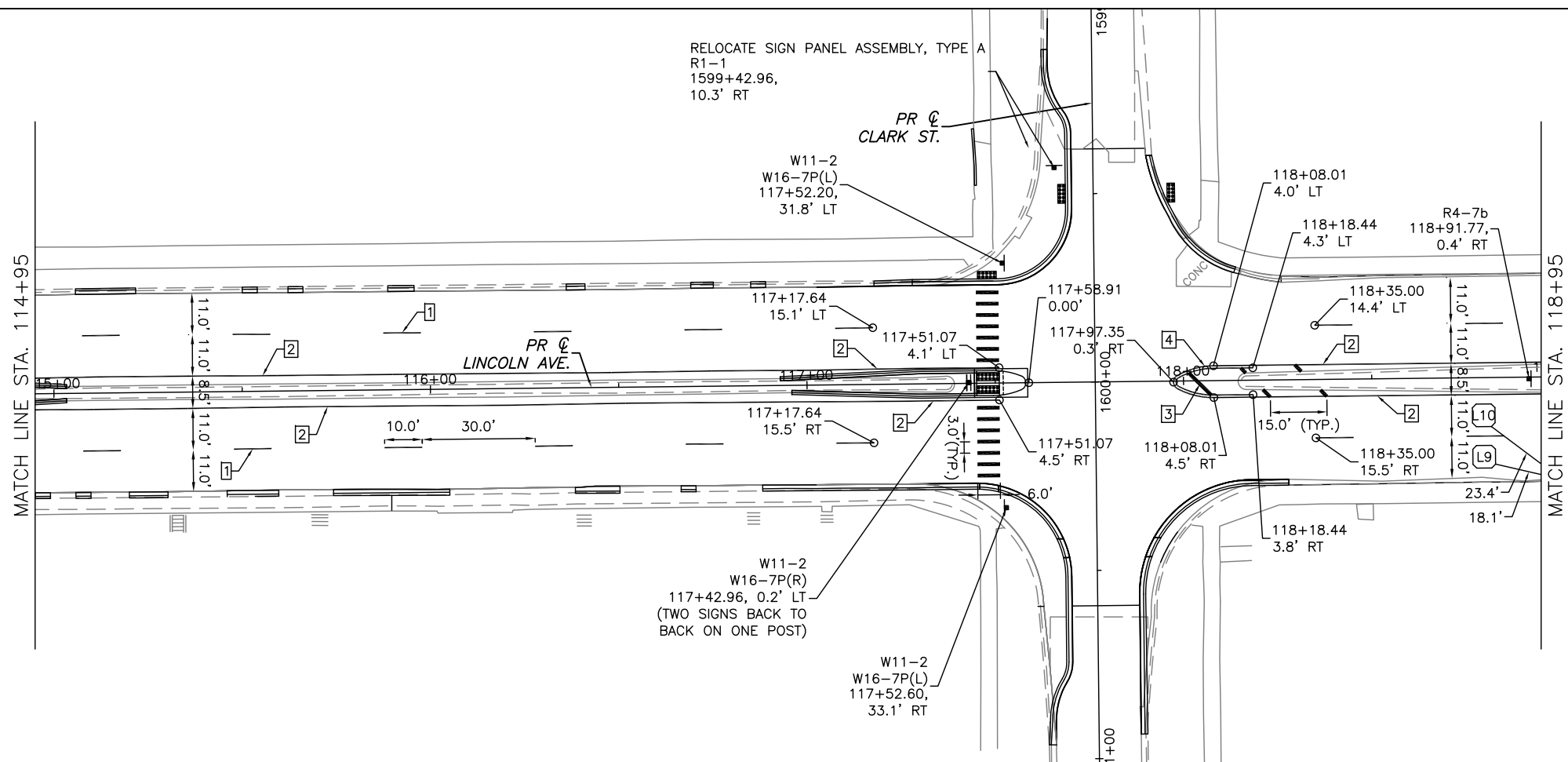
SHEET NO.  
55  
OF  
65



SHEET NO.  
56  
OF  
65



APR 26 2021 11:44AM PAVEMENT MARKING AND SIGNAGE.DWG



0' 20' 40'  
SCALE: 1"=20'

THE EXISTING TRAFFIC CONTROL SIGNS THAT ARE IN THE WAY OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND KEPT THROUGHOUT CONSTRUCTION.

THE PROPOSED TRAFFIC CONTROL SIGNS SHOWN WILL BE FURNISHED AND INSTALLED BY OTHERS AND ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO OPENING THE PROPOSED ROADWAYS TO TRAFFIC. THE ENGINEER WILL COORDINATE THE SIGN INSTALLATION WITH THE CITY OF URBANA.

ALL SIGNS SHALL BE INSTALLED IN CONFORMANCE WITH IDOT GUIDELINES AND STANDARDS FOR HORIZONTAL AND VERTICAL CLEAR ZONES.

TYPICAL SIGNAGE LEGEND	
	POST MOUNTED SIGN
	LIGHT POLE MOUNTED SIGN
	MAST ARM MOUNTED SIGN

ALL DETECTOR LOOPS SHALL BE INSTALLED AT THEIR EXISTING LOCATIONS, AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS.

ALL DETECTOR LOOPS SHALL BE INSTALLED IN HMA SURFACE COURSE.

TYPICAL PAVEMENT MARKING LEGEND	
	100 (4) SKIP-DASH (YELLOW)
	100 (4) SOLID (YELLOW)
	300 (12) DIAGONAL (YELLOW)
	100 (4) DOUBLE YELLOW (NARROW)
	100 (6) DOUBLE YELLOW (WIDE)
	150 (6) SOLID (WHITE)
	100 (4) SKIP-DASH (WHITE)
	100 (4) SOLID (WHITE)
	300 (12) DIAGONAL (WHITE)
	150 (6) CROSS WALK (WHITE)
	600 (24) STOP BAR (WHITE)
	150 (6) LANE LINE EXTENSIONS (WHITE)
	100 (6) LANE LINE EXTENSIONS (WHITE)
	300 (12) SOLID (WHITE)



W11-2  
36"x36"



W16-9P  
24"x12"



R4-7b  
24"x30"



W16-7P(L)  
24"x12"



W16-7P(R)  
24"x12"



W11-15  
36"x36"



W11-1  
30"x30"



BIKE-1  
9"x12"



R1-2 (BIKE)  
18"x18"x18"



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

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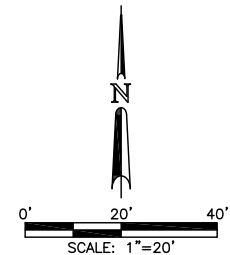
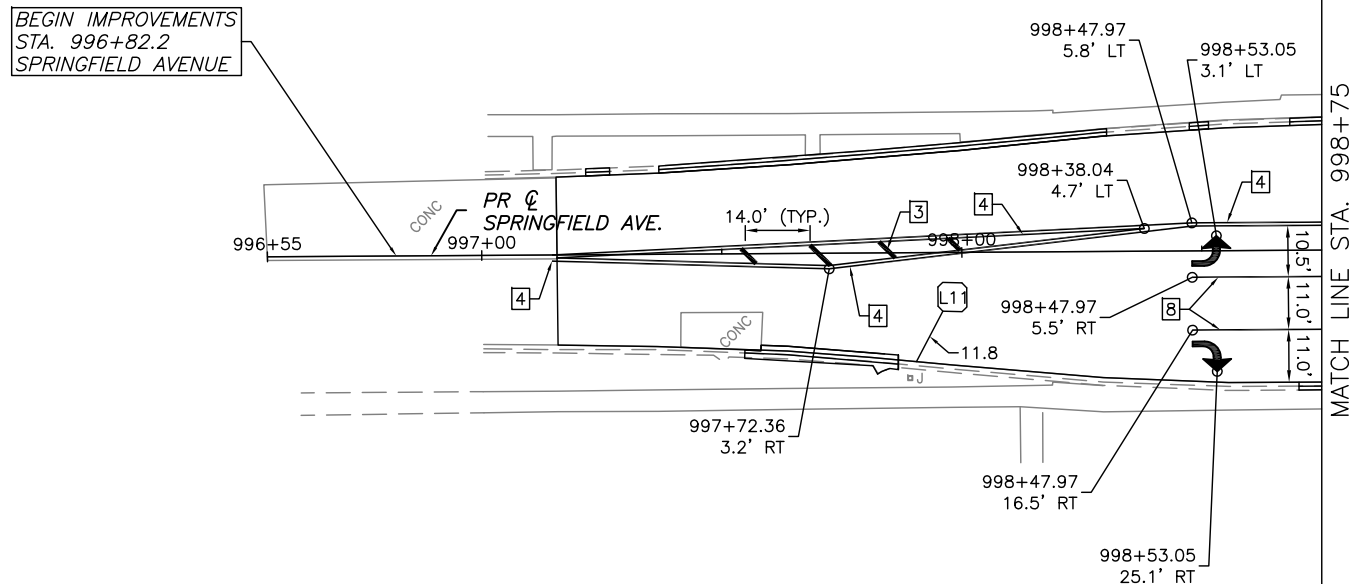
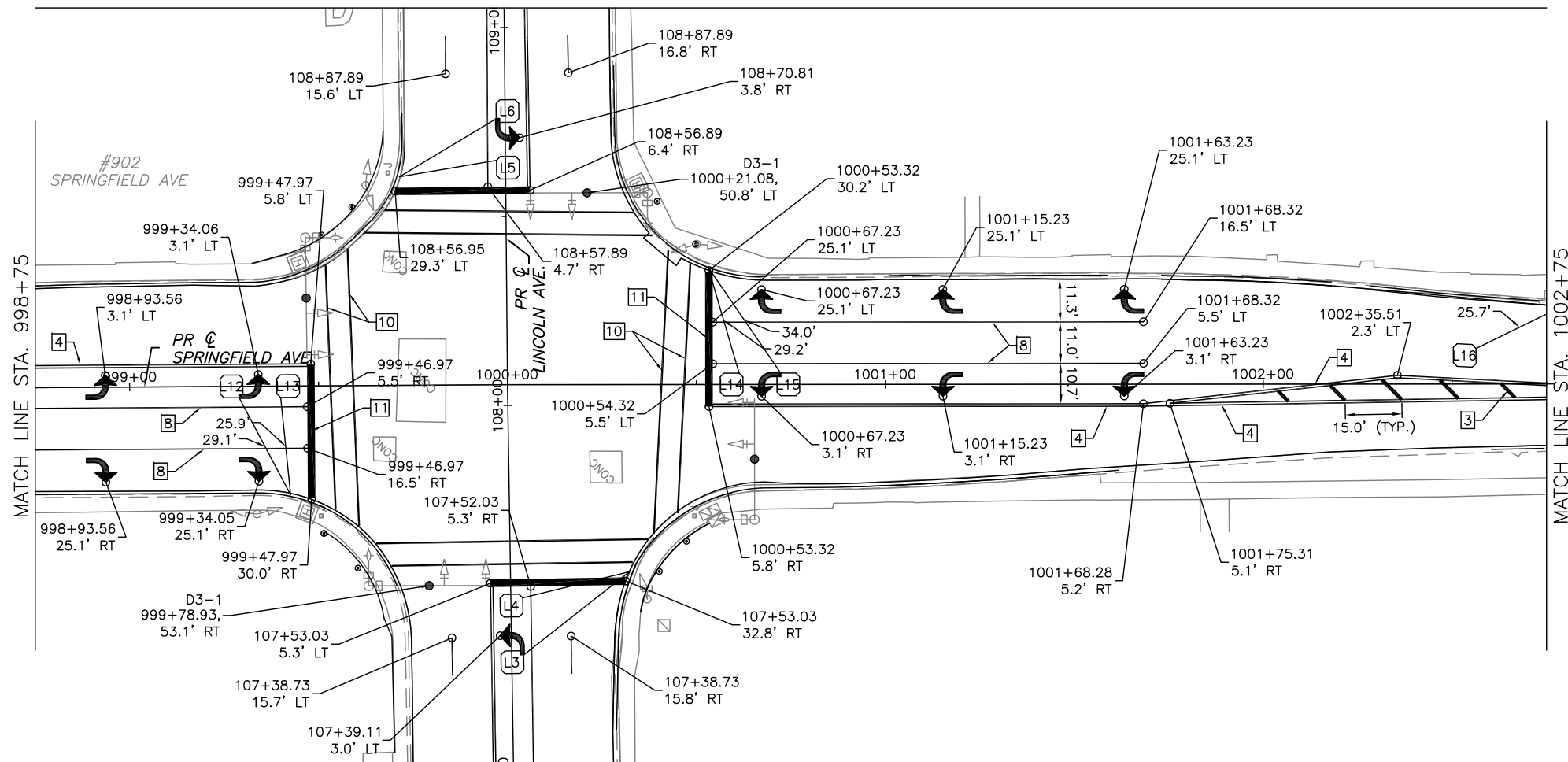
DATED: 4/26

DESIGNED BY: SLB

CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PAVEMENT MARKING AND SIGNING PLANS  
STA 114+95.0 TO STA 120+19.8




SHEET NO.  
57  
OF  
65



THE EXISTING TRAFFIC CONTROL SIGNS THAT ARE IN THE WAY OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND KEPT THROUGHOUT CONSTRUCTION.

THE PROPOSED TRAFFIC CONTROL SIGNS SHOWN WILL BE FURNISHED AND INSTALLED BY OTHERS AND ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO OPENING THE PROPOSED ROADWAYS TO TRAFFIC. THE ENGINEER WILL COORDINATE THE SIGN INSTALLATION WITH THE CITY OF URBANA.

ALL SIGNS SHALL BE INSTALLED IN CONFORMANCE  
WITH IDOT GUIDELINES AND STANDARDS FOR  
HORIZONTAL AND VERTICAL CLEAR ZONES.

TYPICAL SIGNAGE LEGEND	
	POST MOUNTED SIGN
	LIGHT POLE MOUNTED SIGN
	MAST ARM MOUNTED SIGN

ALL DETECTOR LOOPS SHALL BE INSTALLED AT THEIR  
EXISTING LOCATIONS, AS SHOWN ON THE PAVEMENT  
MARKING AND SIGNING PLANS.

ALL DETECTOR LOOPS SHALL BE INSTALLED IN HMA  
SURFACE COURSE.

TYPICAL PAVEMENT MARKING LEGEND	
1	100 (4) SKIP-DASH (YELLOW)
2	100 (4) SOLID (YELLOW)
3	300 (12) DIAGONAL (YELLOW)
4	100 (4) DOUBLE YELLOW (NARROW)
5	100 (6) DOUBLE YELLOW (WIDE)
6	150 (6) SOLID (WHITE)
7	100 (4) SKIP-DASH (WHITE)
8	100 (4) SOLID (WHITE)
9	300 (12) DIAGONAL (WHITE)
10	150 (6) CROSS WALK (WHITE)
11	600 (24) STOP BAR (WHITE)
12	150 (6) LANE LINE EXTENSIONS (WHITE)
13	100 (6) LANE LINE EXTENSIONS (WHITE)
14	300 (12) SOLID (WHITE)



W11-2  
36"X36"



W16-9F  
24"X12'



R4-7b  
24"X30"



W16-7P(L  
24"X12"



W16-7P(R  
24"X12"



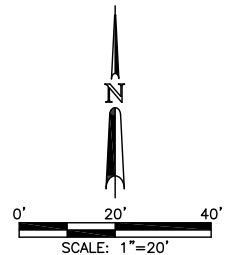
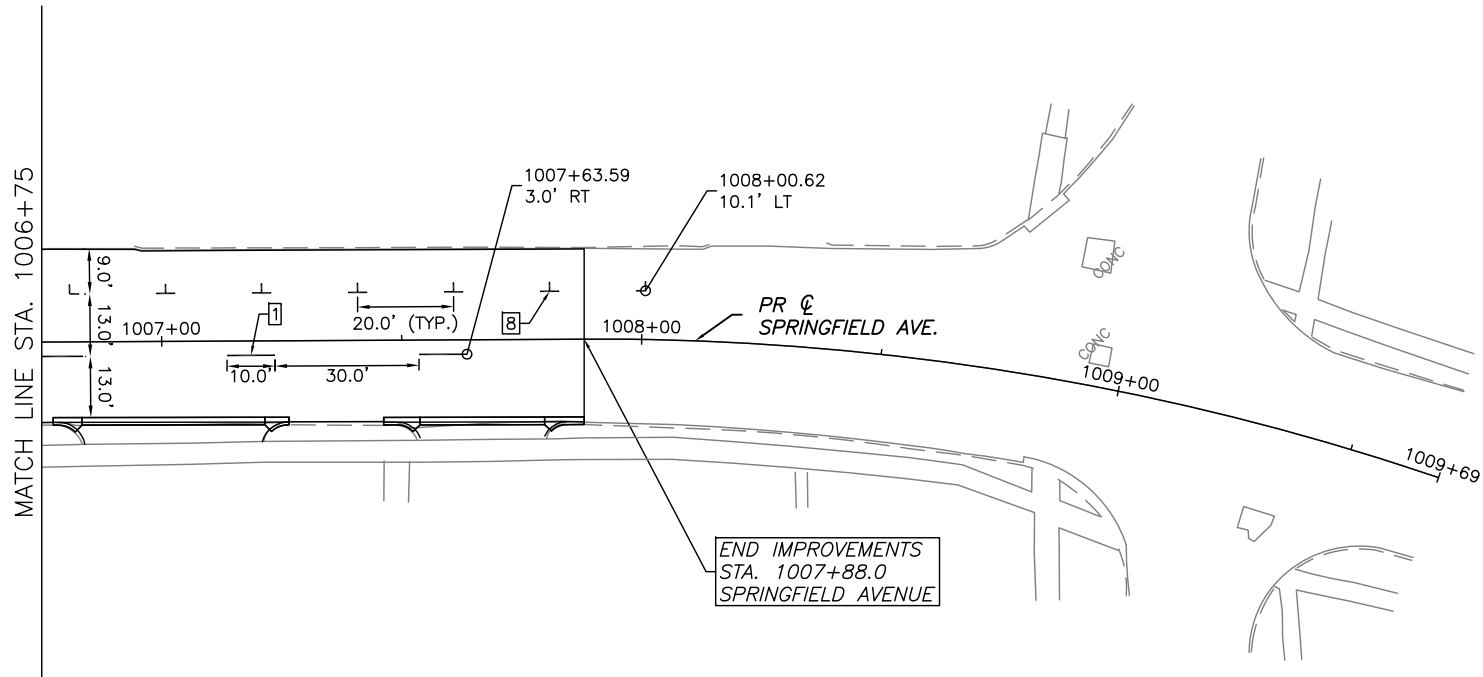
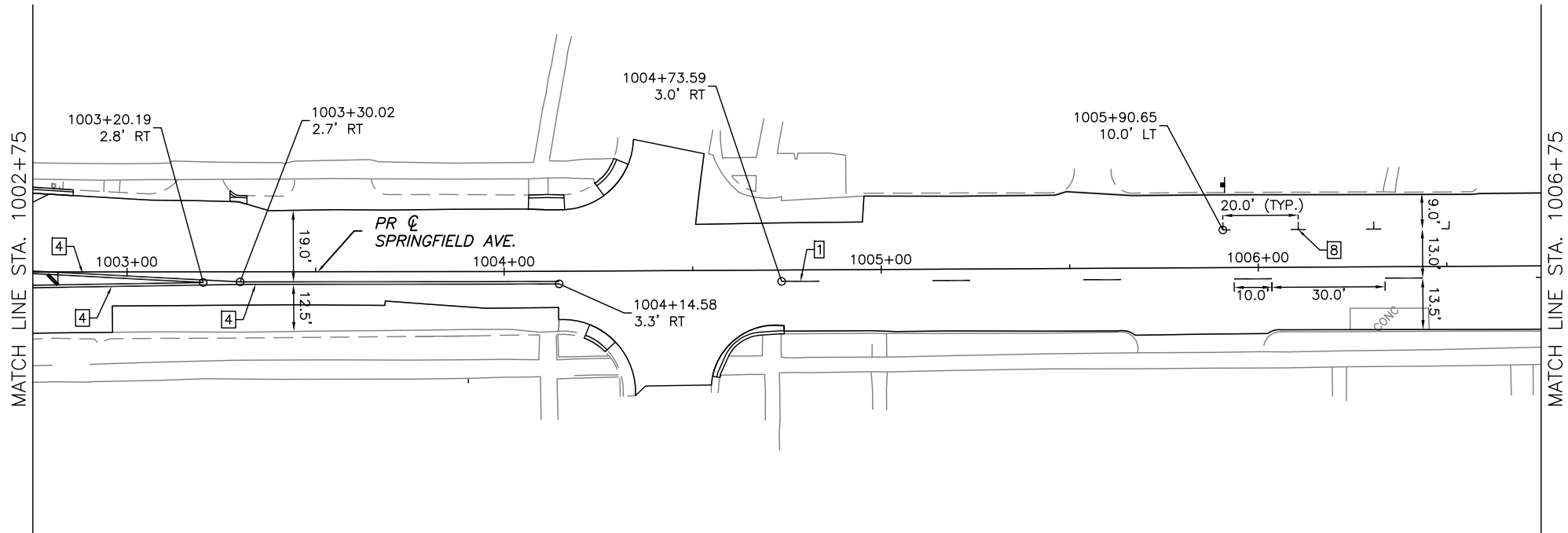
W11-15  
36"X36"



W11—  
30"X30"

BIKE-  
9"X12"

R1-2 (BIK  
18"X18"X18



THE EXISTING TRAFFIC CONTROL SIGNS THAT ARE IN THE WAY OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND KEPT THROUGHOUT CONSTRUCTION.

THE PROPOSED TRAFFIC CONTROL SIGNS SHOWN WILL BE FURNISHED AND INSTALLED BY OTHERS AND ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO OPENING THE PROPOSED ROADWAYS TO TRAFFIC. THE ENGINEER WILL COORDINATE THE SIGN INSTALLATION WITH THE CITY OF URBANA.

ALL SIGNS SHALL BE INSTALLED IN CONFORMANCE WITH IDOT GUIDELINES AND STANDARDS FOR HORIZONTAL AND VERTICAL CLEAR ZONES.

TYPICAL SIGNAGE LEGEND	
	POST MOUNTED SIGN
	LIGHT POLE MOUNTED SIGN
	MAST ARM MOUNTED SIGN

ALL DETECTOR LOOPS SHALL BE INSTALLED AT THEIR EXISTING LOCATIONS, AS SHOWN ON THE PAVEMENT MARKING AND SIGNING PLANS.

ALL DETECTOR LOOPS SHALL BE INSTALLED IN HMA SURFACE COURSE.

TYPICAL PAVEMENT MARKING LEGEND	
	100 (4) SKIP-DASH (YELLOW)
	100 (4) SOLID (YELLOW)
	300 (12) DIAGONAL (YELLOW)
	100 (4) DOUBLE YELLOW (NARROW)
	100 (6) DOUBLE YELLOW (WIDE)
	150 (6) SOLID (WHITE)
	100 (4) SKIP-DASH (WHITE)
	100 (4) SOLID (WHITE)
	300 (12) DIAGONAL (WHITE)
	150 (6) CROSS WALK (WHITE)
	600 (24) STOP BAR (WHITE)
	150 (6) LANE LINE EXTENSIONS (WHITE)
	100 (6) LANE LINE EXTENSIONS (WHITE)
	300 (12) SOLID (WHITE)



W11-2  
36"x36"



W16-9P  
24"x12"



R4-7b  
24"x30"



W16-7P(L)  
24"x12"



W16-7P(R)  
24"x12"



W11-15  
36"x36"



W11-1  
30"x30"



BIKE-1  
9"x12"



R1-2 (BIKE)  
18"x18"x18"



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DRAWN BY: CTH

DATED: 4/26

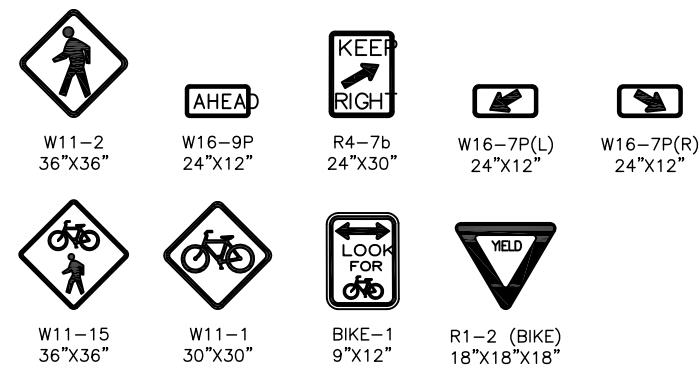
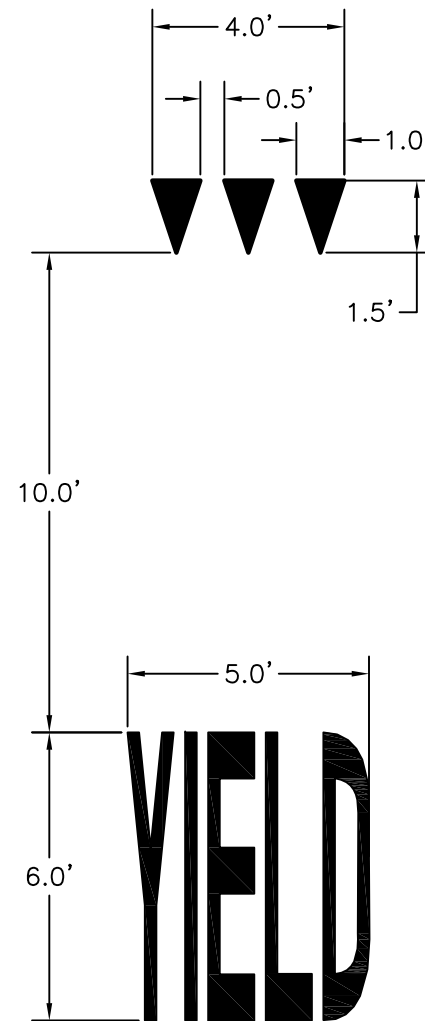
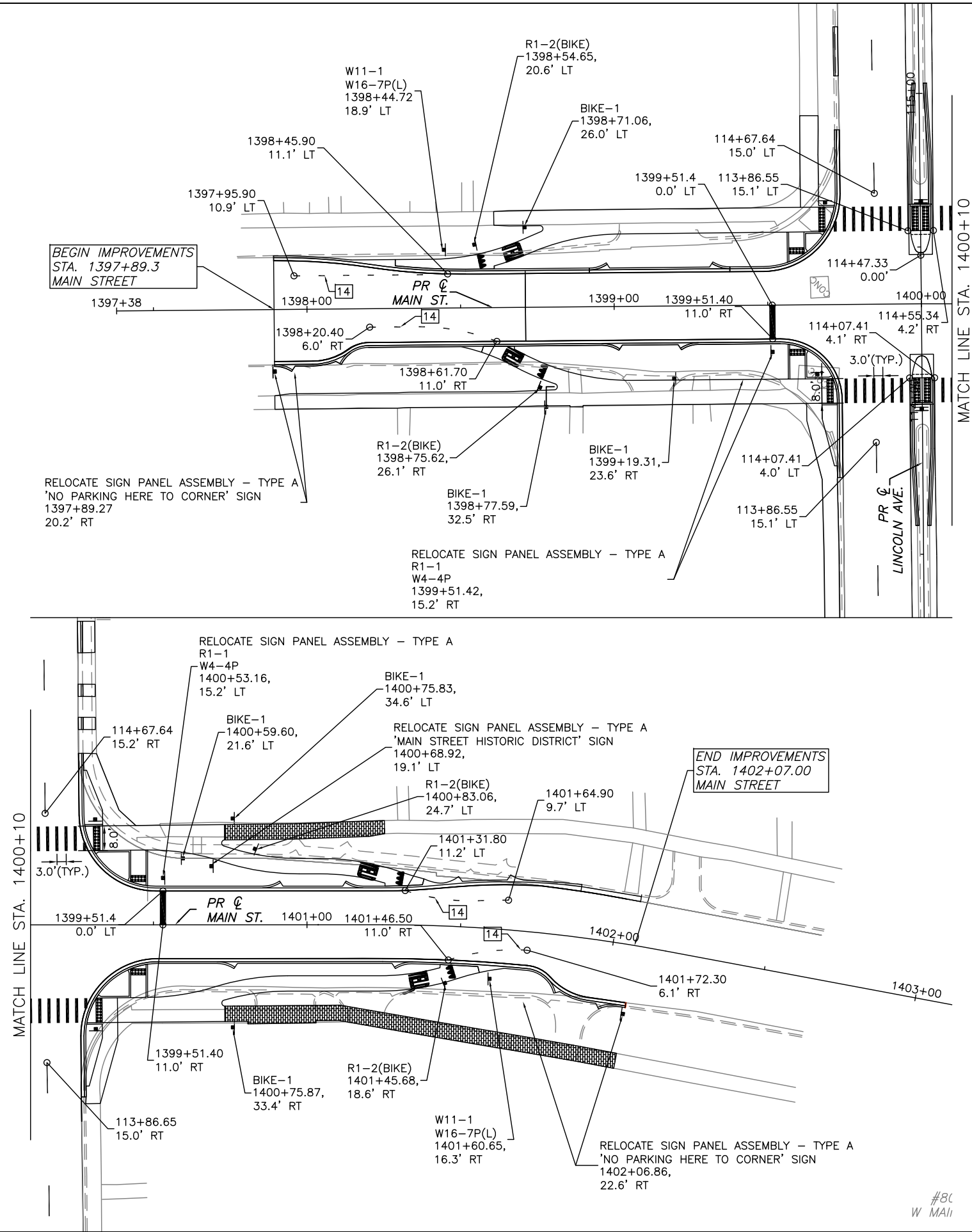
CHECKED BY: TAC

DESIGNED BY: SLB

CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PAVEMENT MARKING AND SIGNING PLANS  
STA 1002+75.0 TO STA 1007+88.0

SHEET NO.  
59  
OF  
65



THE EXISTING TRAFFIC CONTROL SIGNS THAT ARE IN THE WAY OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND KEPT THROUGHOUT CONSTRUCTION.

THE PROPOSED TRAFFIC CONTROL SIGNS SHOWN WILL BE FURNISHED AND INSTALLED BY OTHERS AND ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO OPENING THE PROPOSED ROADWAYS TO TRAFFIC. THE ENGINEER WILL COORDINATE THE SIGN INSTALLATION WITH THE CITY OF URBANA.

ALL SIGNS SHALL BE INSTALLED IN CONFORMANCE  
WITH IDOT GUIDELINES AND STANDARDS FOR  
HORIZONTAL AND VERTICAL CLEAR ZONES.

## TYPICAL SIGNAGE LEGEND

POST MOUNTED SIGN

LIGHT POLE MOUNTED SIGN

MAST ARM MOUNTED SIGN

ALL DETECTOR LOOPS SHALL BE INSTALLED AT THEIR  
EXISTING LOCATIONS, AS SHOWN ON THE PAVEMENT  
MARKING AND SIGNING PLANS.

ALL DETECTOR LOOPS SHALL BE INSTALLED IN HMA  
SURFACE COURSE.

## TYPICAL PAVEMENT MARKING LEGEND

- |    |                                      |
|----|--------------------------------------|
| 1  | 300 (4) SKIP-DASH (YELLOW)           |
| 2  | 100 (4) SOLID (YELLOW)               |
| 3  | 300 (12) DIAGONAL (YELLOW)           |
| 4  | 100 (4) DOUBLE YELLOW (NARROW)       |
| 5  | 100 (6) DOUBLE YELLOW (WIDE)         |
| 6  | 150 (6) SOLID (WHITE)                |
| 7  | 100 (4) SKIP-DASH (WHITE)            |
| 8  | 100 (4) SOLID (WHITE)                |
| 9  | 300 (12) DIAGONAL (WHITE)            |
| 10 | 150 (6) CROSS WALK (WHITE)           |
| 11 | 600 (24) STOP BAR (WHITE)            |
| 12 | 150 (6) LANE LINE EXTENSIONS (WHITE) |
| 13 | 100 (6) LANE LINE EXTENSIONS (WHITE) |
| 14 | 300 (12) SOLID (WHITE)               |

TYPICAL APPLICATIONS OF URBAN PAVEMENT MARKINGS AND MARKERS



CITY OF URBANA  
PUBLIC WORKS  
ENGINEERING DIVISION

DATED: 4/26  
DESIGNED BY: SLB  
CITY SECTION  
17-00592-00-RS

LINCOLN & SPRINGFIELD RESURFACING  
PAVEMENT MARKING DETAILS

SHEET NO.  
61  
OF  
65

TYPICAL PAVEMENT MARKING LEGEND

- 1

100 (4) SKIP-DASH (YELLOW)
- 2

100 (4) SOLID (YELLOW)
- 3

300 (12) DIAGONAL (YELLOW)
- 4

100 (4) DOUBLE YELLOW (NARROW)
- 5

100 (4) DOUBLE YELLOW (WIDE)
- 6

RESERVED
- 7

100 (4) SKIP-DASH (WHITE)
- 8

100 (4) SOLID (WHITE)
- 9

300 (12) DIAGONAL (WHITE)
- 10

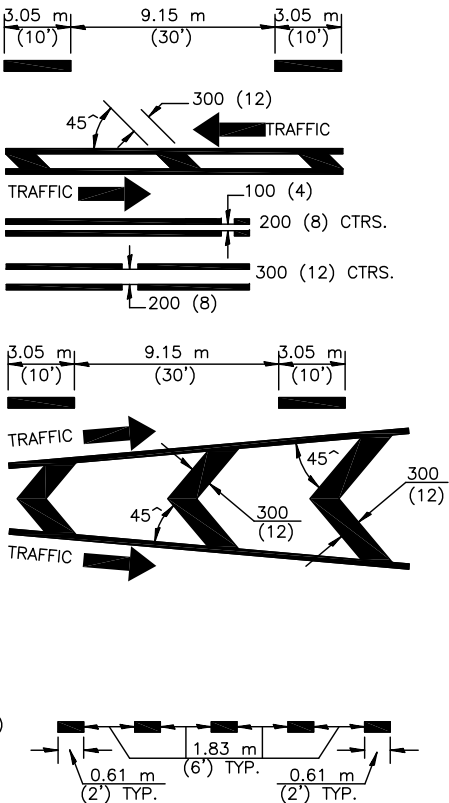
150 (6) CROSS WALK (WHITE)
- 11

600 (24) STOP BAR (WHITE)
- 12

200 (8) SOLID (WHITE)
- 13

100 (4) LANE LINE EXTENSIONS (WHITE)
- 14

RESERVED

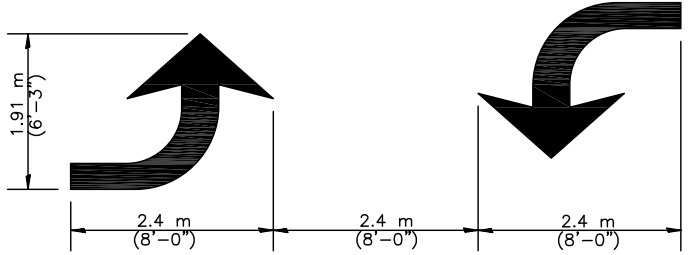


TYPICAL PAVEMENT MARKERS LEGEND

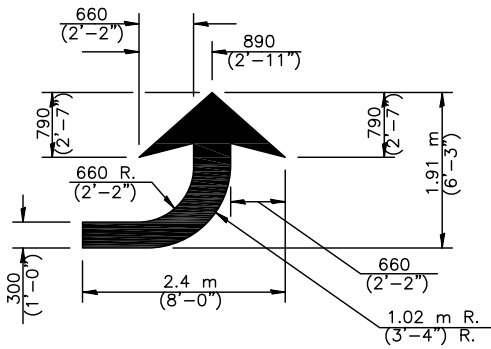
- ◆

TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ▷

ONE-WAY CRYSTAL MARKER



TYPICAL DOUBLE  
TURN ARROWS  
(WHITE)

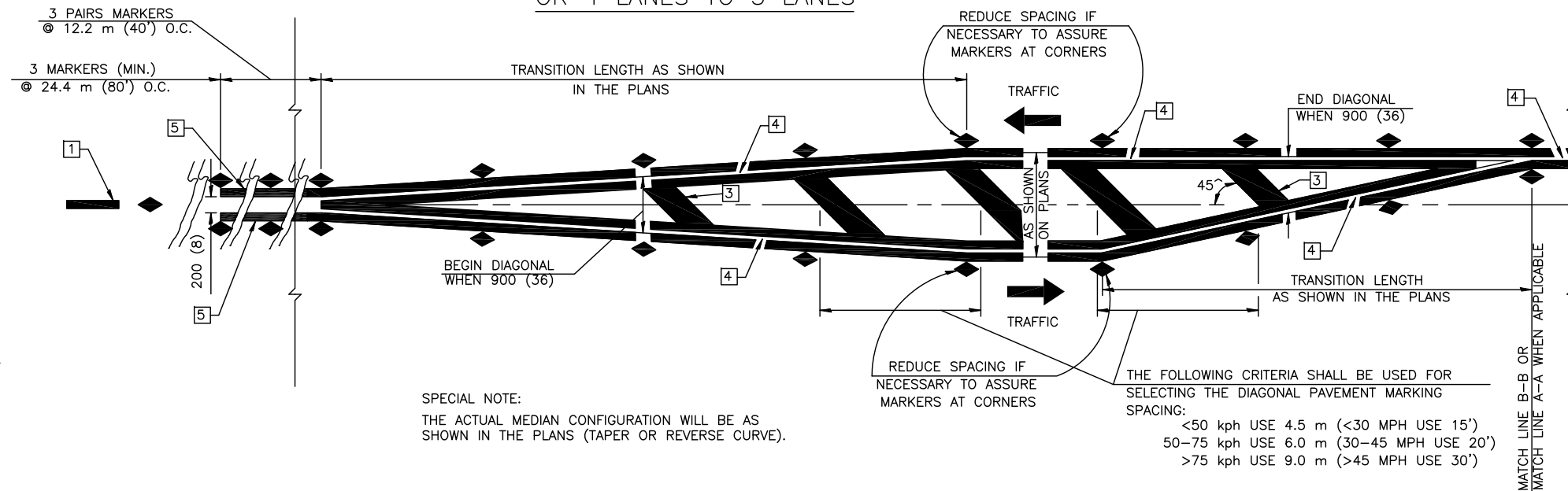


LEFT ARROW

REVERSE FOR  
RIGHT ARROW  
AREA= 1.47 m<sup>2</sup> (15.6 SQ. FT.)  
(WHITE)

2 LANES TO 3 LANES  
OR 4 LANES TO 5 LANES

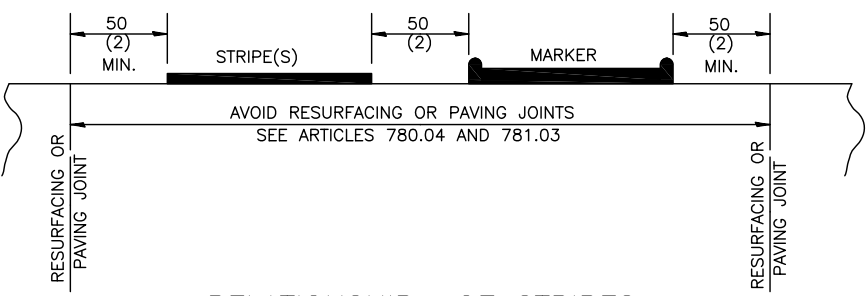
LEFT TURN LANE



SPECIAL NOTE:  
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS  
SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).

THE FOLLOWING CRITERIA SHALL BE USED FOR  
SELECTING THE DIAGONAL PAVEMENT MARKING  
SPACING:  
<50 kph USE 4.5 m (<30 MPH USE 15')  
50-75 kph USE 6.0 m (30-45 MPH USE 20')  
>75 kph USE 9.0 m (>45 MPH USE 30')

TYPICAL MEDIAN TRANSITIONS



RELATIONSHIP OF STRIPES,  
MARKERS AND JOINTS

GENERAL NOTES

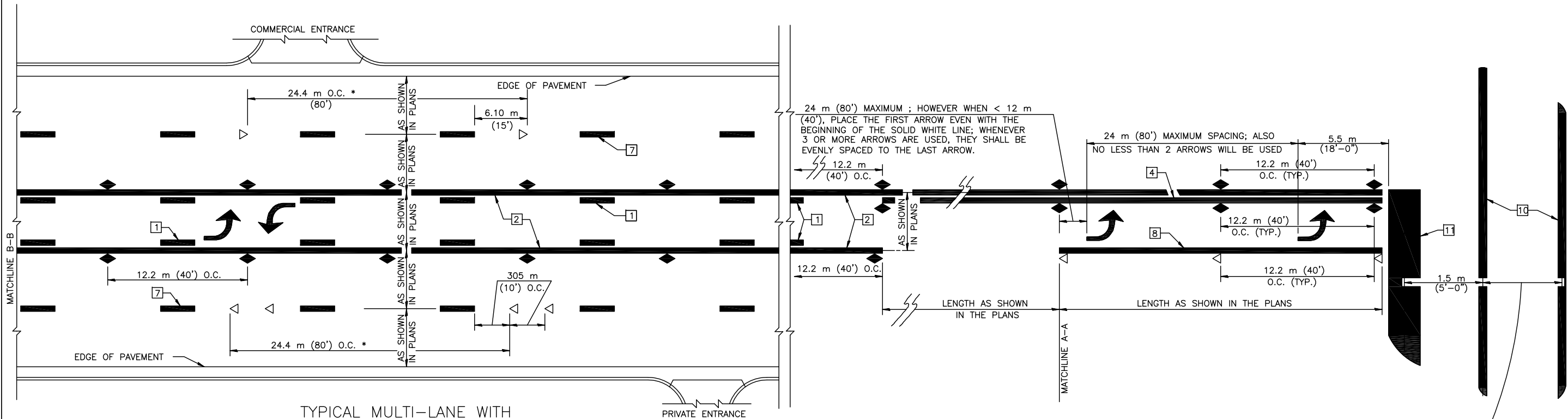
1. WHEN PAVEMENT MARKINGS ARE TO BE PLACED  
ADJACENT TO MEDIANS, SPECIAL DETAILS WILL  
BE INCLUDED ELSEWHERE IN THE PLANS.
2. SCALE: NONE
3. SOME OF THE INFORMATION INCLUDED WITH THIS  
DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
4. PAVEMENT MARKINGS ARE TO BE EXTENDED  
THROUGH OMISSIONS WHEN APPLICABLE.
5. A STRIPING KEY IS AVAILABLE ELSEWHERE AND  
SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
6. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR  
TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.

APR 26 2021 11:47AM DETAILS - PAVEMENT MARKING 1.DWG

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

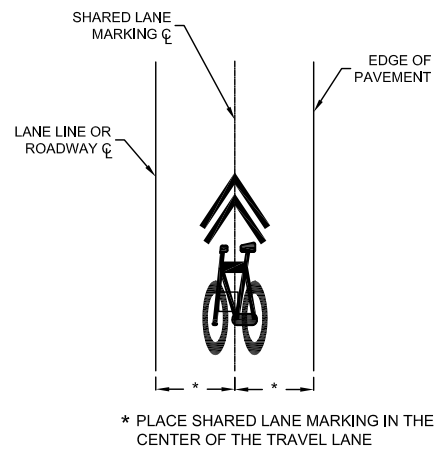
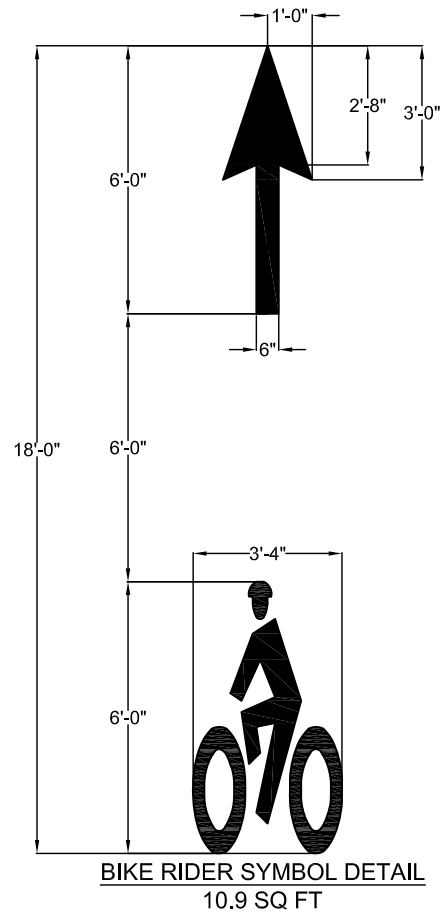
APR 26 2021 11:47AM DETAILS - PAVEMENT MARKING 2.DWG

## TYPICAL APPLICATIONS OF URBAN PAVEMENT MARKINGS AND MARKERS

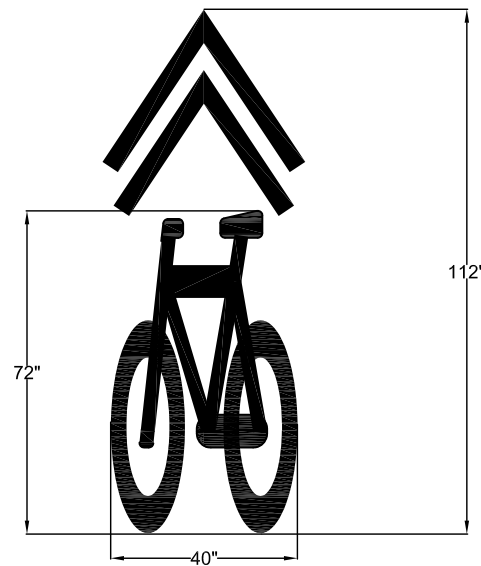


TYPICAL MULTI-LANE WITH BI-DIRECTIONAL LEFT TURN LANE

TYPICAL MULTI-LANE TRANSITION FROM BI-DIRECTIONAL LEFT TURN LANE TO LEFT TURN LANE



SHARED LANE MARKING LAYOUT



SHARED LANE MARKING DETAIL

### SPECIAL NOTES:

TURN ARROW PAIRS SHALL BE PLACED AT 75 m (250') INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

THE SOLID YELLOW PAVEMENT MARKINGS SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

THE SKIP-DASH PAVEMENT MARKINGS 1 OR 7 SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ABOVE.

\* REDUCE TO 12.2 METERS (40 FEET) O.C. IN NO PASSING ZONES AND ON CURVES WHERE ADVISORY SPEEDS ARE 15 kph (10 MPH) LOWER THAN POSTED SPEEDS.

\*\* WHERE DOUBLE LANE LINE MARKERS ARE SPECIFIED, THEY SHALL BE SPACED AS SHOWN ABOVE.

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



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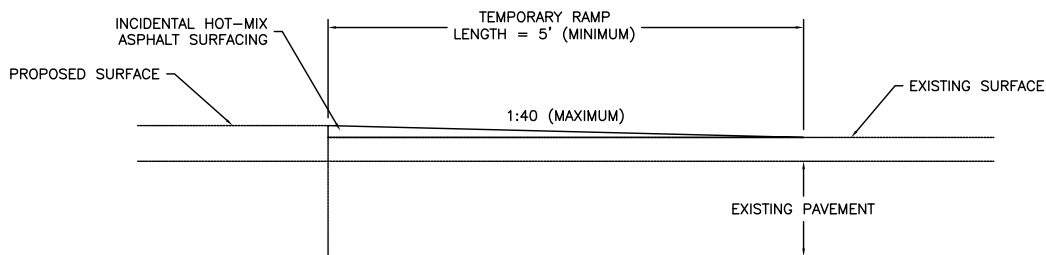
CHECKED BY: TAC

CITY SECTION  
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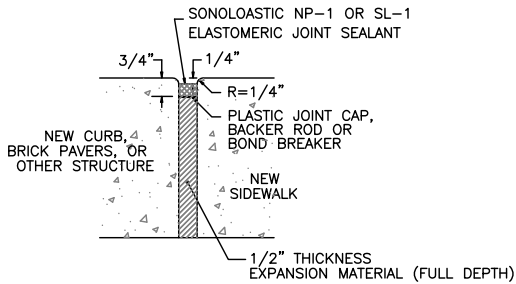
LINCOLN & SPRINGFIELD RESURFACING  
PAVEMENT MARKING DETAILS

SHEET NO.  
62  
OF  
65

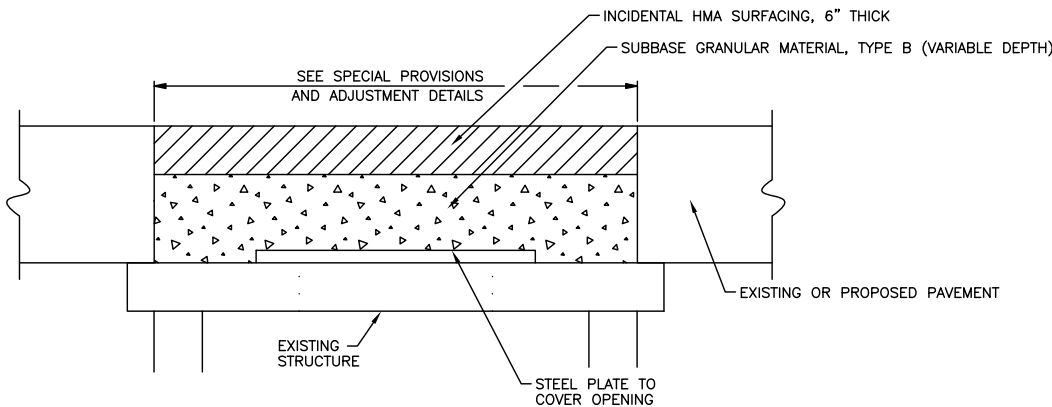
APR 26 2021 11:48AM DETAILS - MISCELLANEOUS 1.DWG



TEMPORARY RAMP DETAIL

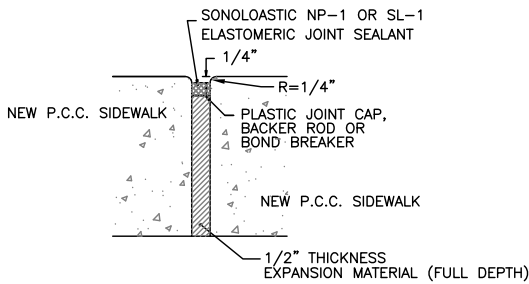


LONGITUDINAL EXPANSION/ISOLATION JOINT DETAIL

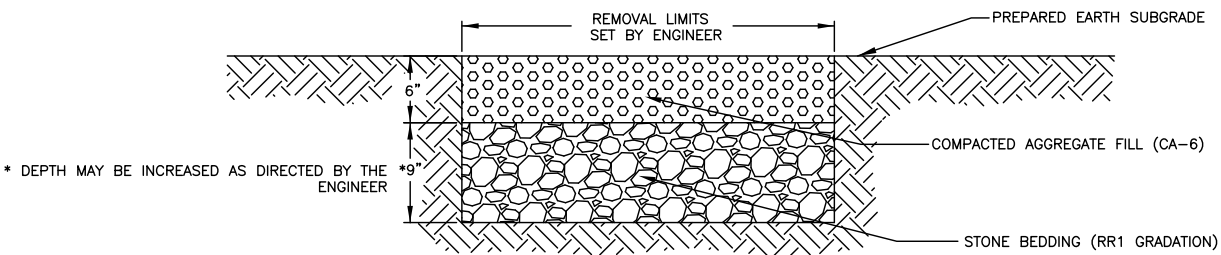


**NOTE:**  
THIS DETAIL IS FOR THE TEMPORARY PAVEMENT PATCHES ABOVE STRUCTURES TO BE ADJUSTED IN PAVEMENT AREAS. THE TEMPORARY PAVEMENT PATCHES ARE REQUIRED UNTIL THE CASTINGS OR BOXES ARE ADJUSTED TO GRADE AFTER THE HMA RESURFACING IS COMPLETE AND THE PERMANENT CONCRETE PAVEMENT PATCHES ARE CONSTRUCTED. FURNISHING AND INSTALLING THE STEEL PLATE AND TEMPORARY PAVEMENT PATCHES, INCLUDING ALL INCIDENTAL HMA SURFACING AND SUBBASE GRANULAR MATERIAL, SHALL BE INCLUDED IN THE COST OF THE STRUCTURE TO BE ADJUSTED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

TEMPORARY PAVEMENT PATCH DETAIL



TRANSVERSE EXPANSION JOINT DETAIL



DETAIL OF SUBGRADE REMEDIATION

SUBGRADE THAT HAS BEEN PREPARED AND COMPACTED WITH NORMAL EFFORT AND STILL DOES NOT MEET THE REQUIRED DENSITY AND STABILITY SHALL BE REMEDIATED BY REMOVING AND DISPOSING OF THE SOFT AND UNSTABLE MATERIAL AND REPLACED WITH THE SELECTED AGGREGATE MATERIALS. LIMITS AND LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER.

AN ESTIMATED QUANTITY FOR THE SUBGRADE REMEDIATION HAS BEEN INCLUDED IN THE PROJECT. THE PLACEMENT AND QUANTITY MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER. THE COST OF ALL MATERIALS INCLUDING EARTH EXCAVATION, PLACEMENT AND COMPACTION OF RR1 AND CA-6 AGGREGATE BASE AND LABOR REQUIRED WILL NOT BE PAID FOR SEPERATELY , BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR SUBGRADE REMEDIATION



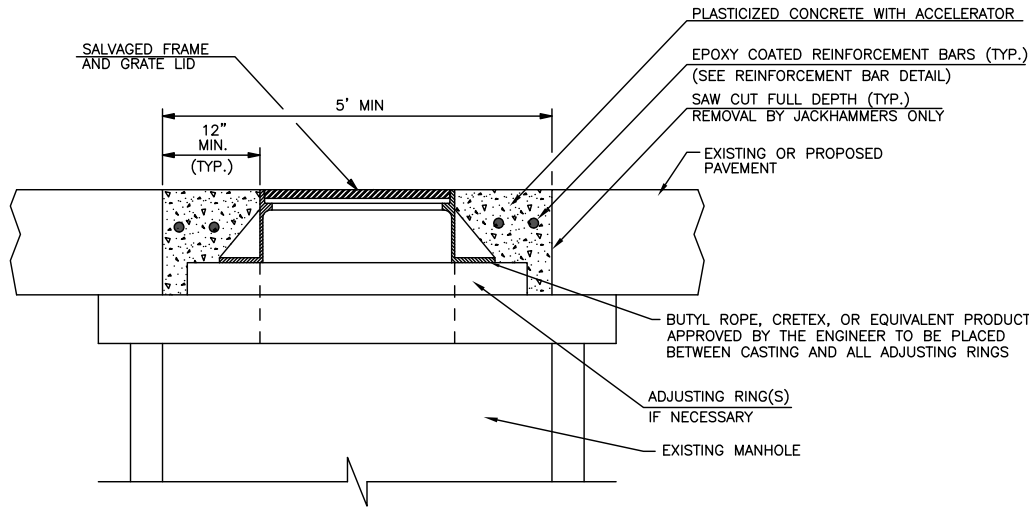
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LINCOLN & SPRINGFIELD RESURFACING  
MISCELLANEOUS DETAILS

SHEET NO.  
63  
OF  
65

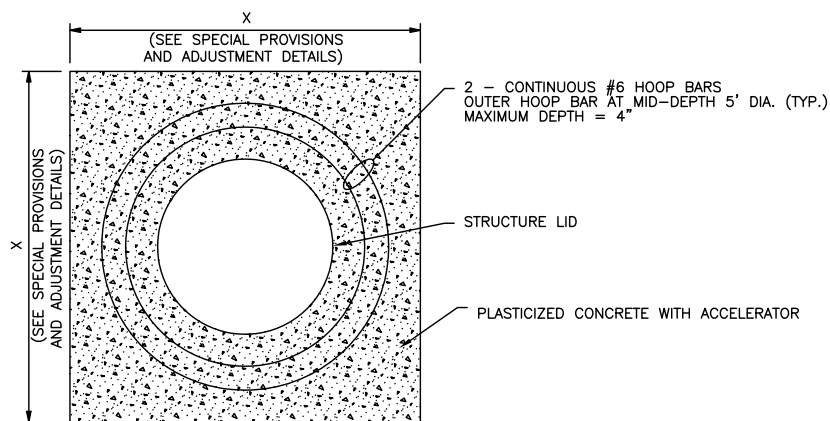
APR 26 2021 11:49AM DETAILS - MISCELLANEOUS 2.DWG



**NOTE:**

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR FRAMES AND LIDS TO BE ADJUSTED, WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK, INCLUDING SAW CUTTING, PAVEMENT REMOVAL, EXCAVATION, ADJUSTING RINGS, PLACEMENT OF THE SALVAGED FRAME AND LID, AND PLACEMENT OF THE PLASTICIZED BLACK CONCRETE PATCH WITH REINFORCEMENT BARS. SEE THE TEMPORARY PAVEMENT PATCH DETAIL AND THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

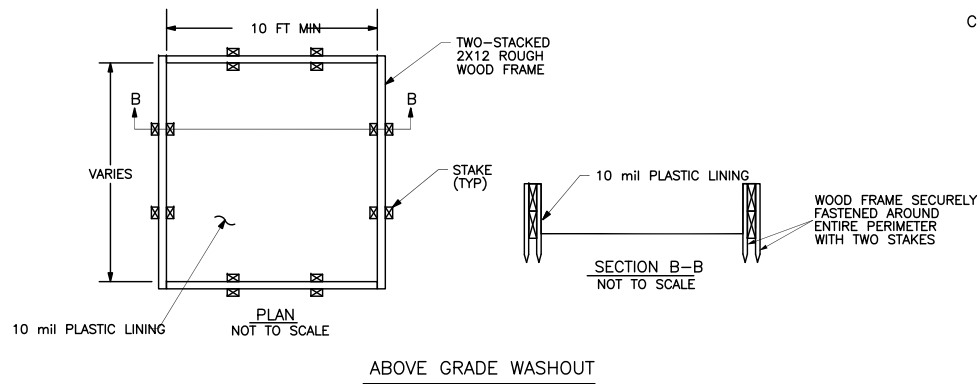
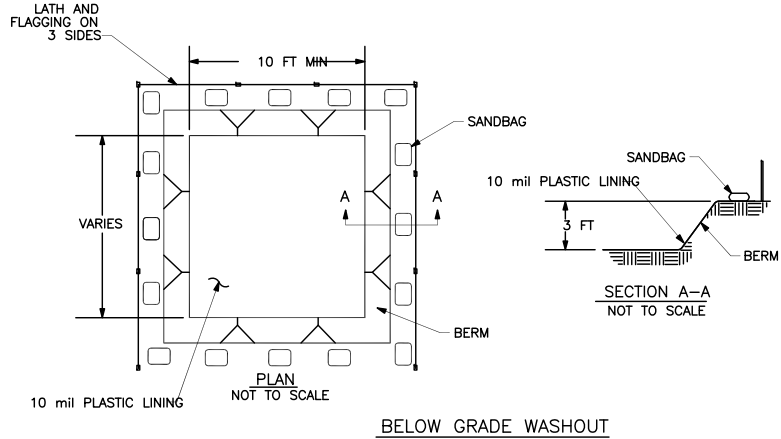
**MANHOLE FRAME AND LID ADJUSTMENT DETAIL  
WITHIN PAVEMENT AREAS**



**NOTES:**

1. THE REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF THE FRAME AND LID TO BE ADJUSTED OR THE VALVE BOXES TO BE ADJUSTED (SPECIAL).
2. THE MINIMUM CLEARANCE BETWEEN REINFORCEMENT BARS, CASTINGS, VALVE BOXES, AND PATCH EDGES SHALL BE 3 INCHES.

**REINFORCEMENT BAR DETAIL**



**CONCRETE WASHOUT FACILITY DETAIL**

**MAINTENANCE NOTES:**

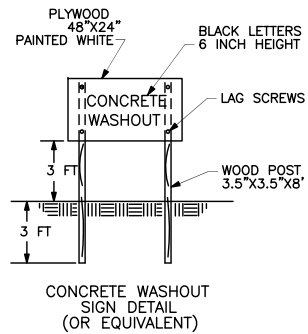
- CONCRETE WASHOUT FACILITIES MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED ONCE THE WASHOUT IS 75% FULL.
- REMOVE AND DISPOSE OF HARDENED CONCRETE MATERIALS TO RETURN FACILITIES TO A FUNCTIONAL CONDITION.
- INSPECT WASHOUT FACILITY ON A WEEKLY BASIS.

**REMOVAL NOTES:**

- WHEN FACILITIES ARE NO LONGER REQUIRED FOR CONSTRUCTION WORK, THE MATERIALS USED TO CONSTRUCT THE FACILITY SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL LAW.
- HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY REMOVAL OF THE FACILITY SHALL BE BACKFILLED AND RESTORED TO ITS PRE-EXISTING CONDITION OR USE.

**GENERAL NOTES:**

- PCC AND AC WASTES SHALL BE COLLECTED AND DISPOSED OF OR PLACED IN A CONCRETE WASHOUT FACILITY. NO PCC OR AC WASTES SHALL ENTER THE STORM SEWER SYSTEM OR WATERCOURSES.
- A SIGN SHALL BE INSTALLED ADJACENT TO EACH FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE PROPER FACILITIES.
- BELOW GRADE FACILITIES ARE TYPICAL. ABOVE GRADE FACILITIES ARE UTILIZED IF EXCAVATION IS NOT PRACTICAL.
- WASHOUT FACILITIES SHALL HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND WASTE CONCRETE MATERIALS GENERATED BY WASHOUT AND CONSTRUCTION ACTIVITIES.
- ONCE CONCRETE WASTES ARE DISCHARGED TO FACILITY AND ALLOWED TO HARDEN, THE CONCRETE WASTE SHOULD BE BROKEN UP AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL LAW.
- PLASTIC LINING SHALL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
- A MINIMUM FREEBOARD 12 INCHES IS REQUIRED FOR BELOW GRADE FACILITIES AND A MINIMUM OF 4 INCHES FREEBOARD IS REQUIRED FOR ABOVE GRADE FACILITIES.



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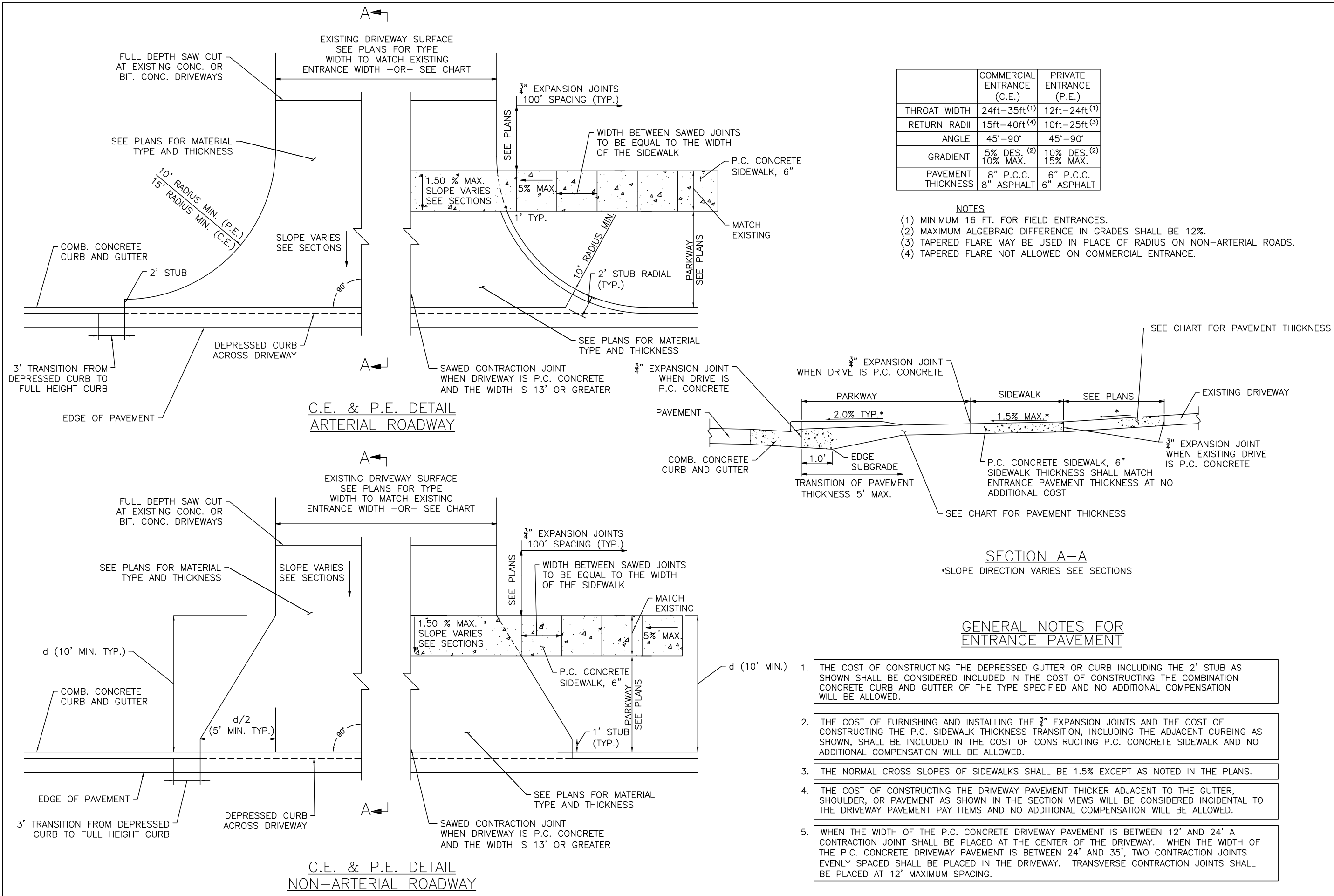
LINCOLN & SPRINGFIELD RESURFACING  
MISCELLANEOUS DETAILS

SHEET NO.

64  
OF  
65



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