LINCOLN
Planning Department

NEBRASKA CAPITOL ENVIRONS COMMISSION **STAFF REPORT**

APPLICATION NUMBER	Urban Design Record #24086
APPLICATION TYPE	Certificate of Appropriateness
ADDRESS/LOCATION	17th Street right-of-way from "G" to "L" streets
HEARING DATE	June 28, 2024
ADDITIONAL MEETINGS	None
APPLICANT	Craig Aldridge (Lincoln Transportation & Utilities), caldridge@lincoln.ne.gov
STAFF CONTACT	Collin Christopher, 402-441-6370, cchristopher@lincoln.ne.gov

RECOMMENDATION: APPROVAL

Summary of Request

Lincoln Transportation and Utilities has both a water main replacement project and a street rehab project planned for construction along 17th Street. The water main project will extend from "A" to "H" and "K" to "O" streets, meaning that the portions of the project from "G" to "H" and "K" to "L" are in the Capitol Environs District. The street rehab project will go from "A" to "S" streets, including the blocks from "G" to "L" in the Capitol Environs District. In addition to resurfacing of the street itself, this project would include as needed replacements of curbing, sidewalks, and ADA-accessible sidewalk ramps. In areas where sandstone curbing still remains, the curbing would be replaced with concrete curbs that more align with modern roadway construction materials and methods. The removal of these sandstone curbs in older Lincoln neighborhoods has become relatively common in recent years as streets receive improvements, and LTU has established a good relationship with the staff at the Capitol to ensure that as much of the curbing as possible be preserved and reused. It is city staff's understanding that Capitol staff has been stockpiling the historic curb material with the goal of eventually using it to return the Capitol site to this type of curbing.

Compatibility with the Design Standards

Overall, there is very little in the Capitol Environs Design Standards that would help guide a decision to allow the removal of the sandstone pavers. What guidance does is exist is highlighted below:

Design Standard 18: General Landscape of All Malls

The landscape of the Capitol Malls should enhance the Capitol setting and vistas:

- by providing canopy and definition at the mall edge, but leaving the centers of the malls more open, allowing on-axis views of the Capitol,
- by creating a sense of organization and unity through form, color, texture, and spacing that may be lacking in the adjacent architecture,

- by establishing a rhythm of visual and physical movement leading ultimately to the Capitol,
- by providing seasonal change and interest.

There is a delicate balance between a landscape that enhances and one that overwhelms—color and form changes should be in large sweeps and masses to avoid creating small, distracting focal points. The landscape should be bolder and more colorful closest to the Capitol.

Facing Capitol Square and the Malls, front yards shall not contain mechanical equipment, above-ground utilities, docks, or unscreened ramps. Architectural or planted screenings may be offered, with maintenance requirements.

Active use of the Malls should be encouraged by the selection and placement of landscape elements such as seating.

Guideline 18.5:

Use high quality pavement that is durable, neutral or natural color, able to be matched or replaced locally or regionally; nonslip but not too rough for high heels; textured or patterned subtly. Asphalt or asphalt pavers are not acceptable. Design paved areas to allow replacement or repair to occur in sections that maintain the established pavement pattern.

Compatibility per Staff Analysis: While the ultimate preservation and restoration of sandstone curbs within the Capitol Environs District would be the ideal solution here, staff is doubtful that this is realistic or feasible in the long-term without a greater emphasis on preservation from both the Design Standards and the funding of such efforts.

Recommendations

Staff is recommending that the removal of the sandstone curbs, and the construction of concrete curbs to replace them, be approved with conditions. Those recommended condition are as follows:

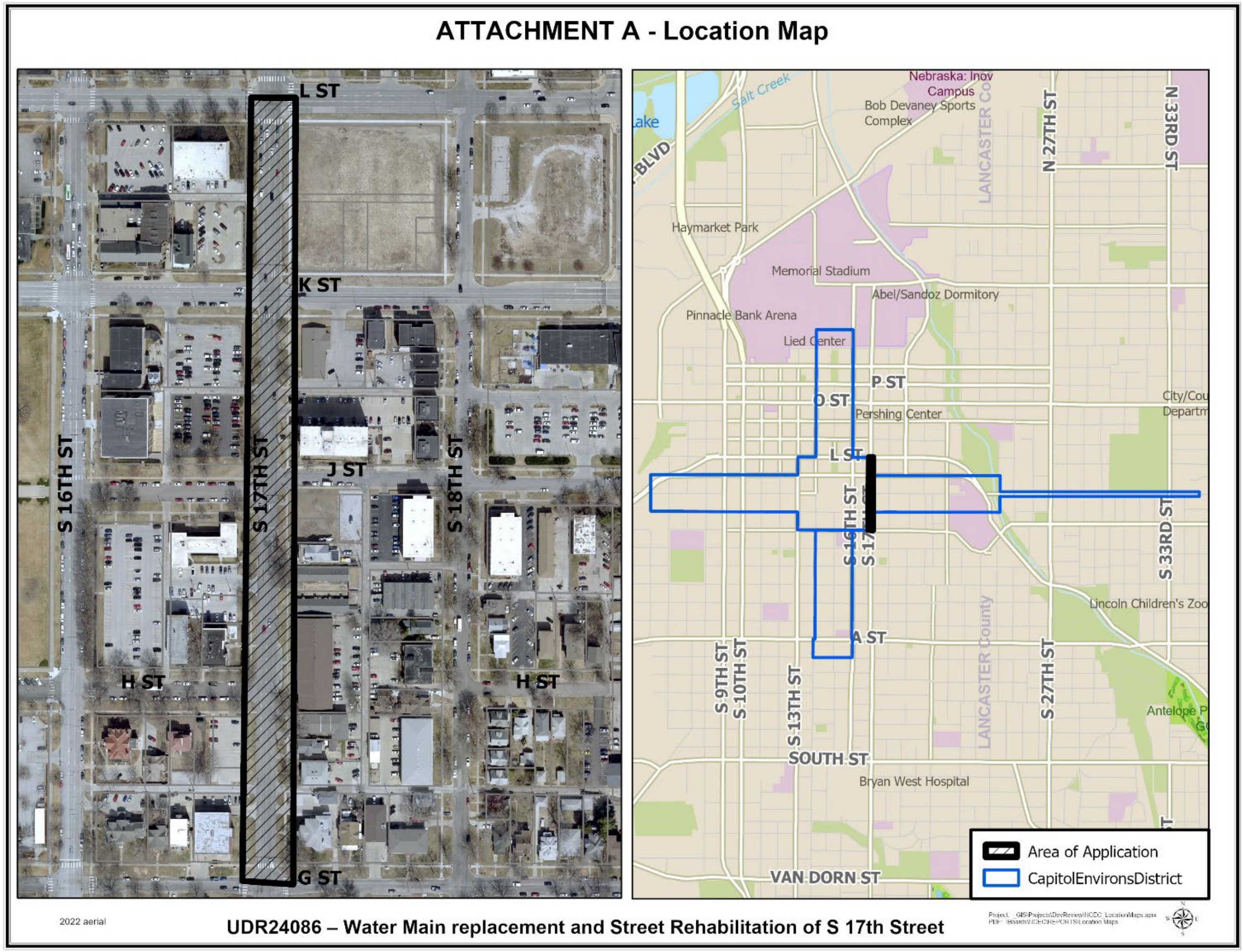
1. LTU staff shall work with staff from the Capitol to ensure the reuse of as much of the stone curb as possible. If Capitol staff declines to take the removed stone curb, LTU shall coordinate with Stephanie Rouse from the City's Planning Department and Karen Nalow from the City's Parks Department to attempt to find a use for the material in a future streetscape or park project.

2. LTU staff shall coordinate with and receive approval from the Historic Preservation Commission prior to removal of any sandstone curbing being removed from an historic district as part of the water main and street rehab projects.

Recommended finding: The planned water main and street rehab projects on 17th Street generally comply with the Capitol Environs Design Standards.

Recommended action: Approval of a Certificate of Appropriateness for the proposed 17th Street water main and street rehab projects, with the conditions suggested above.

ATTACHMENT A – Location Map



https://linclanc.sharepoint.com/sites/PlanningDept-Boards/Shared Documents/Boards/NCEC/REPORTS/2024/06-June/17th Street_Staff Report_Item 2.docx

ATTACHMENT B – Renderings

View from Centennial Mall and M Street of proposed building with rooftop screening

View from Centennial Mall and M Street of proposed building without rooftop screening

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AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	1
Date: 05\09\2024	Drawn: SJP
NOT TO SCALE	Checked: RSM
	Approved: OMK

CITY OF LINCOLN, NE (2024)
WATER MAIN REPLACEMENT
17TH STREET, "A" TO "H"; "K" TO "O"
"B" STREET, 16TH TO 18TH
"C" STREET, 16TH TO 17TH
"E" STREET, 16TH TO 17TH
PROJECT NO. 705084

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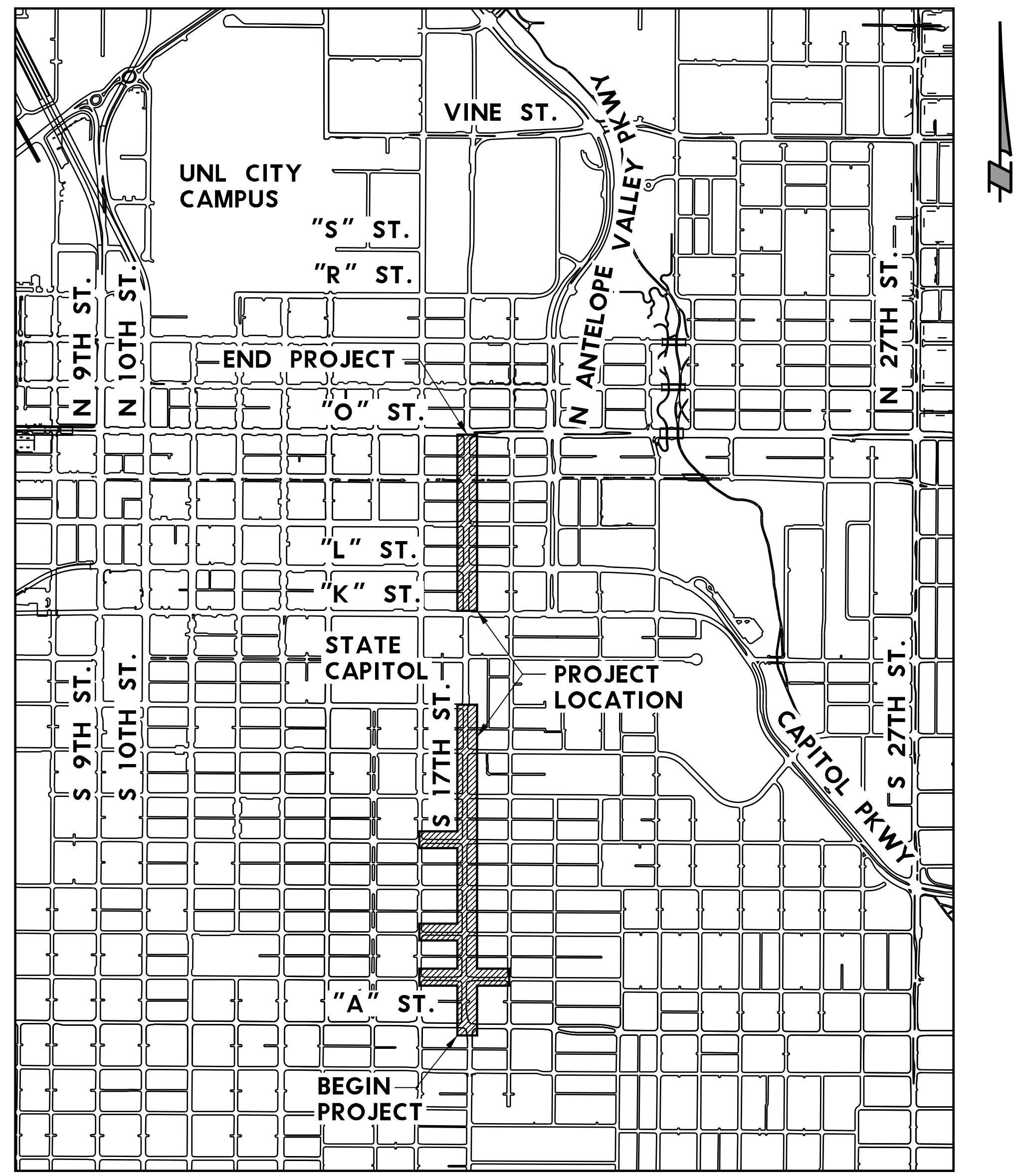
SCAN CODE FOR DESIGN AND CONSTRUCTION STNADARDS ON THE CITY OF LINCOLN WEBSITE.

PRIOR TO CONSTRUCTION:

CALL : 1-800-331-5666 OR 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLEVISION AND CITY OF LINCOLN UTILITIES.

NOTE: EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.



SEALS INCLUDED:
OWEN M. KILLHAM - WATER MAIN
REESE S. MEYER - ROADWAY
SHANE KING - TRAFFIC

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

COORDINATING PROFESSIONAL

PROJECT CONTACT

LINCOLN TRANSPORTATION & UTILITIES
PROJECT DELIVERY - DESIGN
949 W. BOND ST.
SUITE 200
LINCOLN, NE 68521
ATTN: CRAIG ALDRIDGE.....(402) 416-5349

LINCOLN TRANSPORTATION & UTILITIES
PROJECT DELIVERY - CONSTRUCTION
949 W. BOND ST.
SUITE 200
LINCOLN, NE 68521
ATTN: RUSS GASPER.....(402) 580-8438

LINCOLN WATER SYSTEM
2021 N. 27TH ST.
LINCOLN, NE 68503
ATTN: DAVE BEYERSDORF.....(402) 441-5932

LINCOLN TRANSPORTATION & UTILITIES
TRAFFIC ENGINEERING
949 W. BOND ST.
SUITE 200
LINCOLN, NE 68521
ATTN: DAN CARPENTER.....(402) 318-2080

COVER

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
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GENERAL ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
01.00001	MOBILIZATION	LUMP SUM	1
01.01001	CONSTRUCTION STAKING	LUMP SUM	1
01.04001	PVMT & SIDEWALK REM	CU. YDS.	359
01.06001	SAWING, TYPE "B"	LIN. FT.	1,667
01.07001	SAWING, TYPE "C"	LIN. FT.	603
01.08001	SAWING, TYPE "D"	LIN. FT.	350
01.11001	ADJ MH TO GRADE	EACH	3

EARTHWORK ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
02.01001	GEN CLEARING & GRUBBING	LUMP SUM	1
02.02012	TREE REM (12" TO 23")	EACH	6
02.02024	TREE REM (24" & 35")	EACH	4
02.02036	TREE REM (36" & OVER)	EACH	1

PAVING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
04.09110	PCC PAVT W/ INTERGRAL CURB, 10"	SQ. YDS.	75
04.09304	CONC SIDEWALK, 4"	SQ. FT.	5,700
04.09310	CONC SIDEWALK, 10"	SQ. FT.	1,164
04.09405	CONC DRIVEWAY, 5"	SQ. FT.	375
04.09406	CONC DRIVEWAY, 6"	SQ. FT.	408
04.09601	COMBINED CURB & GUTTER	LIN. FT.	876
04.11001	DETECTABLE WARNING PANELS	SQ. FT.	280
05.07008	CONC BASE, LB-3500, 8"	SQ. YDS.	624
06.06003	ASPHALTIC CONCRETE, TYPE 3	TON	96
07.08030	MODULAR BLOCK RETAINING WALL	SQ. FT.	443
50.00001	REM & RESET PLANTER	EACH	2
50.00005	REMOVE & SALVAGE REDSTONE CURB	LIN. FT.	88

PAVEMENT MARKING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
13.01002	REMOVE MKG, WIDE LINE, >8"	LIN. FT.	350
13.04124	GROOVE POLYUREA MKG, 24"	LIN. FT.	30
13.05004	PAINT MKG, 4"	LIN. FT.	44
13.05024	PAINT MKG, 24"	LIN. FT.	120

SIGNING ITEMS – FOR INFORMATION ONLY

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
14.03002	REMOVE TRAFFIC SIGN AND POST	EACH	2
14.03003	SIGN < 4 SQ. FT.	EACH	12
14.03005	SIGN 4 SQ. FT. < 9 SQ. FT.	EACH	2
14.04001	SIGN POST 2" SQUARE	EACH	2
14.05001	SIGN POST ANCHOR, 2 1/4" SQUARE	EACH	2

TRAFFIC CONTROL ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
15.05001	DYNAMIC MESSAGE SIGN	DAY	20
15.09001	TRAFFIC CONTROL FOR CONST	LUMP SUM	1

STORM DRAINAGE ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
21.08007	STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE	EACH	2
21.08008	RECONSTRUCT INLET THROAT	EACH	1
21.13006	REMOVE EXISTING INLET TOP ONLY	EACH	2

SEEDING AND SODDING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
30.07002	SEEDING, TY 'B'	ACRES	0.70

EROSION CONTROL ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
32.04001	CURB INLET PROTECTION INST	EACH	10
32.04002	CURB INLET PROTECTION MAINT	EACH	10
32.04003	CURB INLET PROTECTION REM	EACH	10

WATER MAIN ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
20.06106	DIRECTIONAL DRILLING FOR 6" WATER MAIN	LIN. FT.	3,741
20.06108	DIRECTIONAL DRILLING FOR 8" WATER MAIN	LIN. FT.	1,094
20.09001	CONC FOR THRUST BLOCKS & ANCHORAGES	CU. YDS.	16.23
20.09002	REINF STL FOR THRUST BLKS & ANCHORAGES	LBS	483.60
23.04004	REM 4" WATER MAIN	LIN. FT.	26
23.04006	REM 6" WATER MAIN	LIN. FT.	158
23.04008	REM 8" WATER MAIN	LIN. FT.	9
23.04012	REM 12" WATER MAIN	LIN. FT.	45
23.04016	REM 16" WATER MAIN	LIN. FT.	3
23.04020	REM 20" WATER MAIN	LIN. FT.	22
23.04101	REM & SALVAGE HYDRANT	EACH	7
23.04102	REM & SALVAGE PLUG	EACH	2
23.04105	REM & SALVAGE GATE VALVE & BOX	EACH	4
23.04107	REM & SALVAGE BEND	EACH	12
23.04108	REM & SALVAGE CROSS	EACH	2
23.04109	REM & SALVAGE TEE	EACH	6
23.04119	REM & RESET TEE	EACH	2
23.07004	WATER MAIN, 4"	LIN. FT.	12
23.07006	WATER MAIN, 6"	LIN. FT.	4,788
23.07008	WATER MAIN, 8"	LIN. FT.	1,493
23.07012	WATER MAIN, 12"	LIN. FT.	45
23.07016	WATER MAIN, 16"	LIN. FT.	8

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/22/24
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WATER MAIN ITEMS (CONT.)			
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
23.07070	ANCHORING ELBOW, MJ, 6"	EACH	7
23.07071	ANCHORING COUPLING, MJ (L = 12"), 6"	EACH	7
23.07072	ANCHORING COUPLING, MJ (L = 18"), 6"	EACH	7
23.07075	ANCHORING COUPLING, MJ (L = 13"), 8"	EACH	2
23.07080	REDUCER, MJ, 6" x 4"	EACH	2
23.07081	REDUCER, MJ, 8" x 6"	EACH	2
23.07101	DEG BEND, MJ, 6" x 90	EACH	15
23.07110	DEG BEND, MJ, 6" x 45	EACH	2
23.07111	DEG BEND, MJ, 8" x 45	EACH	6
23.07200	CROSS, MJ, 8" x 6"	EACH	1
23.07201	CROSS, MJ, 6" x 6"	EACH	2
23.07218	CROSS, MJ, 12" x 8"	EACH	1
23.07301	TEE, MJ, 6" x 6"	EACH	12
23.07302	TEE, MJ, 8" x 6"	EACH	3
23.07304	TEE, MJ, 12" x 6"	EACH	1
23.07400	OFFSET, 12" DROP, MJ, 6"	EACH	2
23.07401	OFFSET, 18" DROP, MJ, 6"	EACH	3
23.07402	OFFSET, 24" DROP, MJ, 6"	EACH	7
23.07404	OFFSET, 18" DROP, MJ, 8"	EACH	1
23.07405	OFFSET, 24" DROP, MJ, 8"	EACH	2
23.07507	SOLID SLEEVE, MJ (L = 18"), 6"	EACH	41
23.07509	SOLID SLEEVE, MJ (L = 18"), 8"	EACH	15
23.07604	DUAL PURPOSE SLEEVE, MJ (L = 12"), 4"	EACH	2
23.07606	DUAL PURPOSE SLEEVE, MJ (L = 12"), 6"	EACH	3
23.07612	DUAL PURPOSE SLEEVE, MJ (L = 12"), 12"	EACH	4
23.07616	DUAL PURPOSE SLEEVE, MJ (L = 15"), 16"	EACH	1
23.07804	RETAINER GLANDS, MJ, 4"	EACH	18
23.07806	RETAINER GLANDS, MJ, 6"	EACH	218
23.07808	RETAINER GLANDS, MJ, 8"	EACH	69
23.07812	RETAINER GLANDS, MJ, 12"	EACH	12
23.07816	RETAINER GLANDS, MJ, 16"	EACH	3
23.08006	GATE VALVE, MJ, 6"	EACH	28
23.08008	GATE VALVE, MJ, 8"	EACH	5
23.08355	HYDRANT, L = 5.5'	EACH	1
23.08365	HYDRANT, L = 6.5'	EACH	6
23.10001	TEMPORARY HYDRANT AND BLOW-OFF	EACH	16
23.11075	COPPER WATER SERVICE PIPE, 0.75"	LIN. FT.	1,515
23.11100	COPPER WATER SERVICE PIPE, 1"	LIN. FT.	226
23.11150	COPPER WATER SERVICE PIPE, 1.5"	LIN. FT.	132
23.11200	COPPER WATER SERVICE PIPE, 2"	LIN. FT.	13
23.11475	BORING FOR COPPER WATER SERVICE PIPE, 0.75"	LIN. FT.	1,250
23.11500	BORING FOR COPPER WATER SERVICE PIPE, 1"	LIN. FT.	87
23.11550	BORING FOR COPPER WATER SERVICE PIPE, 1.5"	LIN. FT.	117
23.11901	RECONSTRUCT WATER SERVICE	EACH	75
23.12001	ABANDONMENT OF WATER MAIN	LUMP SUM	1
50.00001	INTERNAL WATER SERVICE CONNECTION	EACH	20
50.00001	DUAL PURPOSE SLEEVE, MJ (L = 15"), 20"	EACH	2
50.00001	RETAINER GLANDS, MJ, 20"	EACH	12
50.00001	DEG BEND, MJ, 20" x 90	EACH	2
50.00001	TEE, MJ, 20" X 6"	EACH	1
50.00001	TEE, MJ, 20" X 16"	EACH	1
50.00001	REM & SALVAGE TAPPING SLEEVE & VALVE	EACH	1
50.00005	WATER MAIN, 20"	LIN. FT.	53
50.00005	WATER SERVICE PIPE, 3"	LIN. FT.	5
50.00005	WATER SERVICE PIPE, 4"	LIN. FT.	83
50.00005	BORING FOR WATER SERVICE PIPE, 4"	LIN. FT.	67

WATER MAIN ITEMS - FOR INFORMATION ONLY			
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
23.08202	TAPPING SLEEVE & VALVE, M.J., 6" X 4"	EACH	5
23.08204	TAPPING SLEEVE & VALVE, M.J., 8" X 4"	EACH	7
50.00001	CURB STOP & BOX REPLACEMENT	EACH	37

TRAFFIC SIGNAL, ITS & LIGHTING ITEMS			
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
24.01000	REM TRAFFIC SIGNAL	EACH	1
24.01022	REM PULL BOX	EACH	11
24.01030	REM CABLE	LIN. FT.	873
24.01051	REM HEAD ON SHAFT	EACH	3
24.01052	REM PEDESTRIAN PUSH BUTTON	EACH	2
24.01110	REL CABLE	LIN. FT.	497
24.03120	CONDUIT, 2" BORED	LIN. FT.	92
24.03140	CONDUIT, 4" BORED	LIN. FT.	263
24.03161	CONDUIT, MAIN LINE GROUP BORED	LIN. FT.	799
24.03205	CONDUIT, 1/2", TRENCHED	LIN. FT,	50
24.03215	CONDUIT, 1 1/2", TRENCHED	LIN. FT,	31
24.03220	CONDUIT, 2", TRENCHED	LIN. FT,	57
24.03230	CONDUIT, 3", TRENCHED	LIN. FT,	20
24.05006	PULL BOX, T6	EACH	1
24.05009	PULL BOX, T9	EACH	1
24.05027	PULL BOX, TR27	EACH	1
24.05036	PULL BOX, T36	EACH	3
24.05048	PULL BOX, T48	EACH	5
24.05060	PULL BOX, T60	EACH	1
24.08701	POLE, INST PEDESTAL 1	EACH	1
24.08703	POLE, INST PEDESTAL 3	EACH	1
24.09000	GROUND ROD	EACH	5
24.10016	DETECTOR, LOP, SAWED UNDER OVERLAY	EACH	3
24.10200	DETECTOR, INST PEDESTRIAN PUSH BUTTON	EACH	2
24.12003	CABLE, 3/C TRAFFIC SIGNAL	LIN. FT.	811
24.12005	CABLE, 5/C TRAFFIC SIGNAL	LIN. FT.	811
24.12007	CABLE, 7/C TRAFFIC SIGNAL	LIN. FT,	271
24.12012	CABLE, 12/C TRAFFIC SIGNAL	LIN. FT,	142
24.12016	CABLE, 16/C TRAFFIC SIGNAL	LIN. FT.	324
24.12101	CABLE, LEAD-IN	LIN. FT.	137
24.12806	CABLE, NO 6	LIN. FT.	346
24.12808	CABLE, NO 8	LIN. FT,	473
24.13013	HEAD, INST PEDESTRIAN SIGNAL	EACH	2
24.13103	HEAD, INST TRAFFIC SIGNAL, 3 SECTION	EACH	1
50.00001	ROTATE LUMINAIRE ARM	EACH	1

COMMUNICATIONS ITEMS			
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
26.04001	GROUND BAR	EACH	5
26.06105	FIBER OPTIC CABLE FUSION SPLICE	EACH	12
50.00001	RELOCATE FIBER OPTIC CABLE SPLICE ENCLOSURE	EACH	1

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LEGEND – SURVEY (UTILITIES)

- ELECTRIC MANHOLE
- ELECTRIC METER
- ELECTRICAL RISER
- GAS BLOW OFF
- GAS METER
- GAS VALVE
- GUY POLE
- GUY ANCHOR
- LIGHT POLE
- MONITORING WELL
- ORNAMENTAL LIGHT
- PULL BOX
- SPRINKLER CONTROL BOX
- SPRINKLER HEAD
- STORM DRAINAGE FLARED END SECTION
- STORM DRAINAGE GRATE INLET
- STORM DRAINAGE CURB INLET
- STORM DRAINAGE MANHOLE
- TELEPHONE BOX
- TELEPHONE PULL BOX
- TELEVISION/CABLE RISER BOX
- TRAFFIC SIGNAL
- TRAFFIC CONTROL BOX
- UTILITY POLE
- WASTE WATER MANHOLE
- WATER HYDRANT
- WATER BLOW OFF
- WATER MANHOLE
- WATER PRIVATE WELL
- WATER STOP BOX
- WATER VALVE
- WATER YARD HYDRANT
- 30" RCP — STORM DRAINAGE
- 24" WASTE WATER — WASTE WATER
- 8" WATER — WATER

LEGEND – SURVEY (NON SURVEYED UTILITIES)

- UG — GAS LINE
- UE — ELECTRICAL SERVICE
- OE — ELECTRICAL SERVICE OVERHEAD
- 8" UWW — WASTE WATER
- 8" RCP USD — STORM DRAINAGE
- 8" UW — WATER
- UT — TELEPHONE LINE
- OT — TELEPHONE LINE OVERHEAD
- UFO — FIBER OPTIC TELE. LINE
- UTV — TELEVISION/CABLE TV LINE
- OTV — TELEVISION/CABLE TV LINE OVERHEAD
- TRAFFIC SIGNAL

LEGEND – SURVEY (MISC.)

- BM — BENCH MARK
- BORING
- 48" FENCE — FENCE – R.O.W. OR WIRE
- 36" FENCE — FENCE – CHAIN LINK
- 60" FENCE — FENCE – PICKET, PRIVACY OR SPLIT RAIL
- FLOWLINE
- GUARDRAIL
- HEAD STONE
- MAILBOX
- RAILROAD CROSSING SIGNAL
- RAILROAD SWITCH
- RAILROAD TRACKS
- 6' BLOCK WALL — RETAINING WALL
- SIGN
- WATER EDGE
- NDOT PROJECT

LEGEND – SURVEY (LANDSCAPE)

- 2' — BUSH – CONIFEROUS
- 2' — BUSH – DECIDUOUS
- BUSH – CONIFEROUS BUSH ROW
- BUSH – DECIDUOUS BUSH ROW
- 8" — STUMP – < 12"
- 18" — STUMP – 12" TO 23"
- 28" — STUMP – 24" TO 35"
- 38"" — STUMP – > 36"
- TREE – CONIFEROUS MASS PERIM.
- 8" — TREE – CONIFEROUS < 12"
- 18" — TREE – CONIFEROUS 12" TO 23"
- 28" — TREE – CONIFEROUS 24" TO 35"
- 38"" — TREE – CONIFEROUS > 36"
- TREE – CONIFEROUS TREE LINE
- TREE – DECIDUOUS MASS PERIM.
- 8" — TREE – DECIDUOUS < 12"
- 18" — TREE – DECIDUOUS 12" TO 23"
- 28" — TREE – DECIDUOUS 24" TO 36"
- 38"" — TREE – DECIDUOUS > 36"
- TREE – DECIDUOUS TREE LINE
- 8" — TREE REMOVAL

LEGEND – EROSION & SEDIMENT CONTROL

- SYNTHETIC FABRIC SILT FENCE
- B — SEEDING, TYPE 'B'
- Type I ECB — EROSION CONTROL BLANKET – TYPE 1
- SODDING

LEGEND – RIGHT-OF-WAY

- LOT CORNER
- RIGHT-OF-WAY
- EXISTING CONTROL ACCESS
- EXISTING PERMANENT EASEMENT
- EXISTING ROW
- PROPERTY LINE
- PROPOSED PERMANENT EASEMENT
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- EXISTING PERMANENT EASEMENT
- PERMANENT EASEMENT
- R.O.W. TAKING
- TEMPORARY EASEMENT

LEGEND – PROPOSED (MISC.)

- PROPOSED LOC – CUT
- PROPOSED LOC – FILL
- PROPOSED RETAINING WALL
- ASPHALT SURFACE
- CONCRETE BIKEWAY
- CONCRETE DRIVEWAY
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- CRUSHED ROCK SURFACING
- EARTH
- RIP RAP
- TACK ON MEDIAN

GENERAL NOTES:

ALL SURVEY WAS DONE BY ELECTRONIC INSTRUMENT. ALL ELEVATIONS SHOWN ARE NAVD 88.

CONTRACTOR SHALL INSTALL MONUMENT BOXES AT EACH INTERSECTING STREET, SECTION CORNER AND 1/4 CORNER, AS SHOWN ON ALIGNMENT SHEETS.

GEOMETRICS & DIMENSIONS ON THIS PROJECT ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

TREES TO BE REMOVED ONLY UPON APPROVAL OF THE FIELD ENGINEER.

BUILD FABRIC SILT FENCE APPROX. 5 FEET BEYOND TOE OF EARTH FILL AS SHOWN ON PLANS. SEE L.S.P. 180.

2023 LINCOLN STANDARD PLANS SHALL BE USED WHERE APPLICABLE

WATER MAIN NOTES:

1. THE CONTRACTOR SHALL COORDINATE WITH LWS TO OPERATE/CLOSE ALL VALVES AS REQUIRED TO ACCOMMODATE CONSTRUCTION OF THE NEW MAINS.
2. THE CONTRACTOR SHALL COORDINATE WATER MAIN OUTAGES WITH LWS AND SHALL PROVIDE THE NECESSARY MEANS AND METHODS TO MINIMIZE THE LENGTH OF ALL WATER SERVICE OUTAGES. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.
3. ALL ANCHORING COUPLINGS USED IN CONSTRUCTION OF THE WATER MAINS SHALL HAVE ONE SWIVEL END AND ONE SOLID END.
4. THE CONTRACTOR SHALL BUILD TEMPORARY SEDIMENT BASINS AND EROSION MAT FOR DISCHARGE DURING FLUSHING AS NECESSARY TO MINIMIZE EROSION AND TO PREVENT DISCHARGE OF SEDIMENT OFF SITE. AS AN ALTERNATE TO THE TEMPORARY SEDIMENT BASIN THE CONTRACTOR MAY DISCHARGE DIRECTLY TO A NEWLY CONSTRUCTED STORM SEWER SYSTEM, AN EXISTING DRAINAGE WAY OR DITCH WITH ESTABLISHED VEGETATION AS APPROVED BY THE CITY'S PROJECT MANAGER, AN EXISTING PAVED ROADWAY WITH CURB AND GUTTER OR AN EXISTING STORM SEWER.
5. THE WATER MAIN WORK SHALL GENERALLY BE PHASED AND COORDINATED WITH THE PHASED CONSTRUCTION OF THE NEW STORM SEWERS AND ROADWAY PAVING.
6. THRUST COLLARS ARE REQUIRED AT LOCATIONS SHOWN ON THE PLANS REGARDLESS OF WATER MAIN MATERIAL. THRUST BLOCKS REQUIRED FOR PVC PIPE PER LSP 320 ARE SUBSIDIARY TO THE NEW VALVE.
7. ON BRANCH CONNECTIONS TO EXISTING WATER MAINS, SET NEW VALVES ON THE SHALLOWEST PORTION OF NEW WATER MAINS. TURN NEW FITTINGS AS NECESSARY TO MAINTAIN OPTIMUM BURY DEPTH OF ALL NEW MAINS AFTER FIELD VERIFYING THE DEPTH OF EXISTING MAINS.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

GENERAL NOTES

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\BW_PENTABLE.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Sheets\General\705084HC01.DGN

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN
Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	5
Date: 05\09\2024	Drawn: SJP Checked: RSM Approved: OMK
NOT TO SCALE	

SOUTH/NORTH 17TH STREET

(1) P.O.B. STA. 96+00.00 – ℄ S 17TH ST.
N = 199678.49, E = 161660.27

(2) P.I. STA. 98+94.84 – ℄ S 17TH ST.
N = 199973.32, E = 161663.09
Δ = 12° 02'04.31" LT.
R = 600.00'
T = 63.25'
L = 126.03'
D = 9° 32'57.47"
P.C. STA. 98+31.60 – ℄ S 17TH ST.
N = 199910.08, E = 161662.49
P.T. STA. 99+57.62 – ℄ S 17TH ST.
N = 200035.30, E = 161650.50

(3) P.I. STA. 101+56.20 – ℄ S 17TH ST.
N = 200229.91, E = 161610.96
Δ = 11° 40'05.99" RT.
R = 800.00'
T = 81.74'
L = 162.92'
D = 7° 09'43.10"
P.C. STA. 100+74.46 – ℄ S 17TH ST.
N = 200149.80, E = 161627.23
P.T. STA. 102+37.38 – ℄ S 17TH ST.
N = 200311.65, E = 161611.22

(4) P.I. STA. 104+13.56 – ℄ S 17TH ST.
Δ = 00° 05'51.31" RT.
N = 200487.83, E = 161611.78

(5) P.I. STA. 148+62.12 – ℄ S 17TH ST.
Δ = 00° 00'55.37" RT.
N = 204936.34, E = 161633.51

(6) P.I. STA. 159+09.30 – ℄ N 17TH ST.
Δ = 01° 35'17.19" RT.
N = 205983.50, E = 161638.91

(7) P.I. STA. 164+85.90 – ℄ N 17TH ST.
Δ = 01° 37'12.99" LT.
N = 206559.78, E = 161657.86

(8) P.I. STA. 167+69.11 – ℄ N 17TH ST.
N = 206842.99, E = 161659.16
Δ = 7° 28'08.14" RT.
R = 500.00'
T = 32.64'
L = 65.18'
D = 11° 27'32.96"
P.C. STA. 167+36.47 – ℄ N 17TH ST.
N = 206810.36, E = 161659.01
P.T. STA. 168+01.65 – ℄ N 17TH ST.
N = 206875.33, E = 161663.55

(9) P.I. STA. 169+71.91 – ℄ N 17TH ST.
N = 207044.05, E = 161686.46
Δ = 7° 22'08.85" LT.
R = 800.00'
T = 51.52'
L = 102.89'
D = 7° 09'43.10"
P.C. STA. 169+20.40 – ℄ N 17TH ST.
N = 206993.00, E = 161679.53
P.T. STA. 170+23.29 – ℄ N 17TH ST.
N = 207095.56, E = 161686.79

(10) P.O.E. STA. 172+00.00 – ℄ N 17TH ST.
N = 207272.27, E = 161687.91

"B" STREET

(11) P.O.B. STA. 300+00.00 – ℄ "B" ST.
N = 200489.84, E = 161212.05

(12) P.O.E. STA. 305+00.00 – ℄ "B" ST.
N = 200485.79, E = 162011.77

"C" STREET

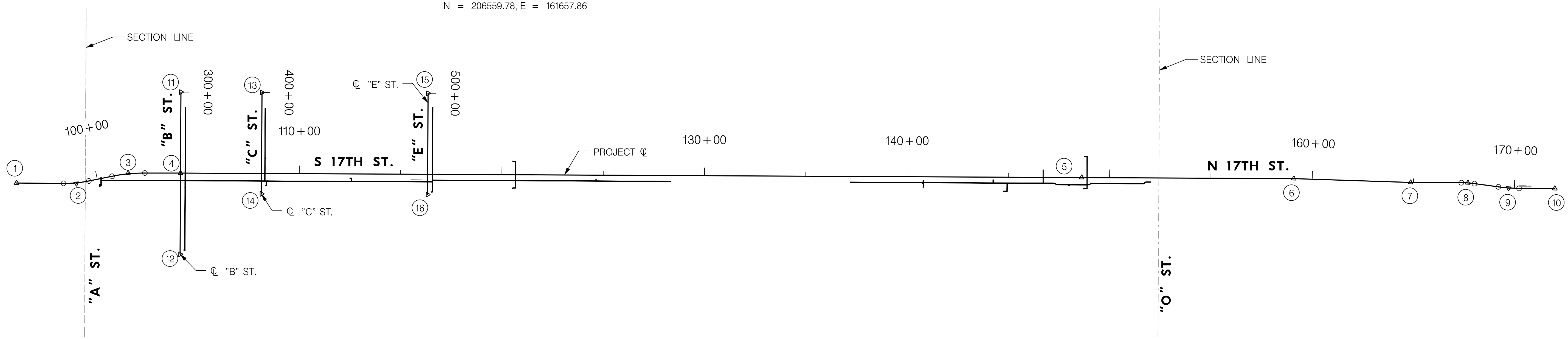
(13) P.O.B. STA. 400+00.00 – ℄ "C" ST.
N = 200889.83, E = 161213.92

(14) P.O.E. STA. 405+00.00 – ℄ "C" ST.
N = 200887.32, E = 161713.91

"E" STREET

(15) P.O.B. STA. 500+00.00 – ℄ "E" ST.
N = 201709.82, E = 161217.75

(16) P.O.E. STA. 505+00.00 – ℄ "E" ST.
N = 201707.31, E = 161717.74



CONTROL POINTS				
POINT	NORTH	EAST	ELEVATION	DESCRIPTION
600	202660.879	162991.017	1167.14	CTR 25-10-06 L23T
1001	200046.155	161617.111	1190.73	3/4" REBAR
1002	200909.245	161651.897	1188.16	3/4" REBAR
1003	201736.082	161587.131	1185.23	3/4" REBAR
1004	202476.748	161653.225	1189.65	3/4" REBAR
1005	203372.111	161659.907	1188.16	3/4" REBAR
1006	204157.429	161577.941	1178.63	3/4" REBAR
1007	204873.637	161664.002	1171.53	3/4" REBAR
1008	205778.289	161611.077	1172.18	3/4" REBAR
1009	200038.820	161609.809	1190.855	CBM SW COR 17TH & A ST.

BENCH MARKS

1. CBM SW CORNER 49' SOUTH OF CENTERLINE A ST, IN LINE WITH CENTERLINE OF 17TH ST (NORTH) ELEV.=1190.855 (N.A.V.D. 1988)

NOTES:

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THIS INCLUDES PRIVATE AND PUBLIC UTILITIES.
2. TREE SIZES ARE THE TRUNK SIZE AT APPROX. 3' FROM GROUND LEVEL. TREE CANOPY SIZES ARE NOT INCLUDED.
3. HORIZONTAL CONTROL IS: LANCASTER COUNTY GRID.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

HORIZONTAL AND VERTICAL CONTROL

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USER: spickus
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DGN: ...\Sheets\General\705084HC02.DGN

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson	LINCOLN Transportation and Utilities	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. 023-03458		705084	6
		Date: 05\09\2024	Drawn: SJP
		NOT TO SCALE	Checked: RSM
			Approved: OMK

6" WATER MAIN – S 17TH ST.

(1) P.O.B. STA. 100+17.22, 9.08' RT. – ℄ S 17TH ST.
N = 200095.51, E = 161647.53

(2) P.I. STA. 104+13.59, 37.00' RT. – ℄ S 17TH ST.
N = 200487.68, E = 161648.78
LINE DEFLECTS 00° 05'51.31" RT.

(3) P.O.E. STA. 116+58.03, 37.00' RT. – ℄ S 17TH ST.
N = 201732.10, E = 161654.85

(4) P.O.B. STA. 116+57.89, 29.00' RT. – ℄ S 17TH ST.
N = 201732.00, E = 161646.87

(5) P.O.E. STA. 128+35.58, 29.00' RT. – ℄ S 17TH ST.
N = 202909.67, E = 161652.64

20" WATER MAIN – "A" ST.

(6) P.O.B. STA. 100+05.00, 38.00' RT. – ℄ S 17TH ST.
N = 200089.30, E = 161678.30

(7) P.I. STA. 100+05.95, 33.43' RT. – ℄ S 17TH ST.
N = 200089.32, E = 161673.64
LINE DEFLECTS 90° RIGHT

(8) P.I. STA. 100+11.92, 34.67' RT. – ℄ S 17TH ST.
N = 200095.41, E = 161673.66
LINE DEFLECTS 90° LEFT

(9) P.O.E. STA. 100+20.53, 6.89' LT. – ℄ S 17TH ST.
N = 200095.58, E = 161631.22

16" WATER MAIN – "A" ST.

(10) P.O.B. STA. 100+04.47, 27.08' RT. – ℄ S 17TH ST.
N = 200086.60, E = 161667.71

(11) P.O.E. STA. 100+13.12, 28.88' RT. – ℄ S 17TH ST.
N = 200095.43, E = 161667.75

6" WATER MAIN – "B" ST.

(12) P.O.B. STA. 300+75.72, 23.00' LT. – ℄ "B" ST.
N = 200512.45, E = 161287.89

(13) P.O.E. STA. 307+79.57, 23.00' LT. – ℄ "B" ST.
N = 200508.89, E = 161991.72

12" WATER MAIN – "B" ST.

(14) P.O.B. STA. 307+79.56, 16.99' LT. – ℄ "B" ST.
N = 200502.89, E = 161991.69

(15) P.O.E. STA. 307+79.57, 25.99' LT. – ℄ "B" ST.
N = 200511.89, E = 161991.74

6" WATER MAIN – "C" ST.

(16) P.O.B. STA. 400+77.06, 16.50' LT. – ℄ "C" ST.
N = 200905.95, E = 161291.06

(17) P.O.E. STA. 404+36.81, 17.00' LT. – ℄ "C" ST.
N = 200904.63, E = 161650.81

(18) P.O.B. STA. 404+36.81, 24.00' LT. – ℄ "C" ST.
N = 200911.63, E = 161650.85

(19) P.I. STA. 404+59.05, 24.00' LT. – ℄ "C" ST.
N = 200911.52, E = 161673.08
LINE DEFLECTS 90° RIGHT

(20) P.I. STA. 404+59.05, 20.51' LT. – ℄ "C" ST.
N = 200908.04, E = 161673.07
LINE DEFLECTS 90° LEFT

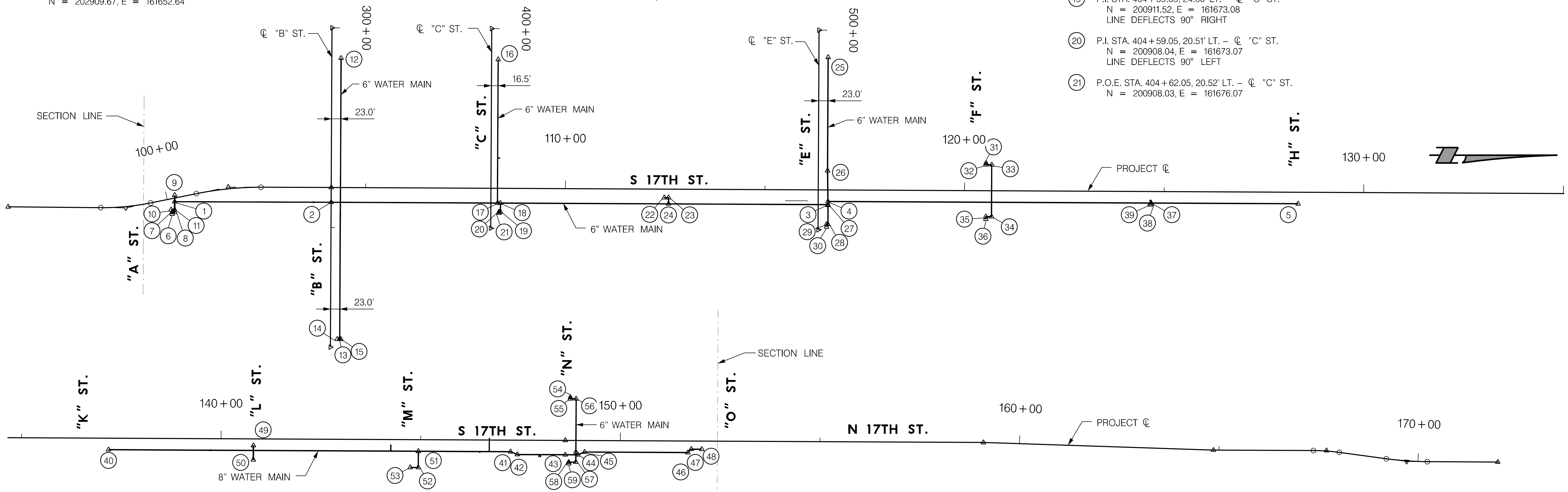
(21) P.O.E. STA. 404+62.05, 20.52' LT. – ℄ "C" ST.
N = 200908.03, E = 161676.07

6" WATER MAIN – "D" ST.

(22) P.O.B. STA. 112+47.90, 21.38' RT. – ℄ S 17TH ST.
N = 201322.06, E = 161637.23

(23) P.I. STA. 112+58.57, 21.38' RT. – ℄ S 17TH ST.
N = 201332.72, E = 161637.28
LINE DEFLECTS 90° RIGHT

(24) P.O.E. STA. 112+58.57, 37.00' RT. – ℄ S 17TH ST.
N = 201332.65, E = 161652.90



6" WATER MAIN – "E" ST.

(25) P.O.B. STA. 500+67.84, 23.00' LT. – ℄ "E" ST.
N = 201732.48, E = 161285.70

(26) P.I. STA. 503+51.93, 23.00' LT. – ℄ "E" ST.
N = 201731.06, E = 161569.79
LINE DEFLECTS 00° 59'19.94" LT.

(27) P.I. STA. 504+38.68, 24.50' LT. – ℄ "E" ST.
N = 201732.12, E = 161656.55
LINE DEFLECTS 00° 59'34.88" RT.

(28) P.I. STA. 504+86.33, 24.49' LT. – ℄ "E" ST.
N = 201731.87, E = 161704.20
LINE DEFLECTS 90° RIGHT

(29) P.I. STA. 504+86.33, 21.29' LT. – ℄ "E" ST.
N = 201728.67, E = 161704.18
LINE DEFLECTS 90° LEFT

(30) P.O.E. STA. 504+92.75, 21.29' LT. – ℄ "E" ST.
N = 201728.63, E = 161710.60

6" WATER MAIN – "F" ST.

(31) P.O.B. STA. 120+53.41, 68.67' LT. – ℄ S 17TH ST.
N = 202127.99, E = 161551.12

(32) P.I. STA. 120+53.40, 65.00' LT. – ℄ S 17TH ST.
N = 202127.97, E = 161554.79
LINE DEFLECTS 90° LEFT

(33) P.I. STA. 120+67.77, 65.00' LT. – ℄ S 17TH ST.
N = 202142.34, E = 161554.86
LINE DEFLECTS 90° RIGHT

(34) P.I. STA. 120+67.77, 65.00' RT. – ℄ S 17TH ST.
N = 202141.70, E = 161684.86
LINE DEFLECTS 90° RIGHT

(35) P.I. STA. 120+53.61, 65.00' RT. – ℄ S 17TH ST.
N = 202127.53, E = 161684.79
LINE DEFLECTS 90° LEFT

(36) P.O.E. STA. 120+53.63, 71.42' RT. – ℄ S 17TH ST.
N = 202127.53, E = 161691.21

6" WATER MAIN – "G" ST.

(37) P.O.B. STA. 124+67.44, 29.00' RT. – ℄ S 17TH ST.
N = 202541.54, E = 161650.81

(38) P.I. STA. 124+67.44, 33.00' RT. – ℄ S 17TH ST.
N = 202541.52, E = 161654.81
LINE DEFLECTS 90° RIGHT

(39) P.O.E. STA. 124+64.44, 33.00' RT. – ℄ S 17TH ST.
N = 202538.52, E = 161654.80

8" WATER MAIN – S 17TH ST.

(40) P.O.B. STA. 137+17.96, 29.00' RT. – ℄ S 17TH ST.
N = 203792.05, E = 161656.92

(41) P.I. STA. 147+25.17, 29.00' RT. – ℄ S 17TH ST.
N = 204799.25, E = 161661.84
LINE DEFLECTS 22° 30'00.00" RT.

(42) P.I. STA. 147+42.07, 36.00' RT. – ℄ S 17TH ST.
N = 204816.11, E = 161668.93
LINE DEFLECTS 22° 30'00.00" LT.

(43) P.I. STA. 148+62.13, 36.00' RT. – ℄ S 17TH ST.
N = 204936.15, E = 161669.51
LINE DEFLECTS 00° 00'55.37" RT.

(44) P.I. STA. 148+93.85, 36.00' RT. – ℄ S 17TH ST.
N = 204967.88, E = 161669.68
LINE DEFLECTS 22° 30'00.00" LT.

(45) P.I. STA. 149+10.75, 29.00' RT. – ℄ S 17TH ST.
N = 204984.81, E = 161662.76
LINE DEFLECTS 22° 30'00.00" RT.

(46) P.I. STA. 151+69.22, 29.00' RT. – ℄ S 17TH ST.
N = 2045243.28, E = 161664.09
LINE DEFLECTS 45° 00'00.00" LT.

(47) P.I. STA. 151+77.79, 20.44' RT. – ℄ S 17TH ST.
N = 205251.89, E = 161655.58
LINE DEFLECTS 45° 00'00.00" RT.

(48) P.O.E. STA. 152+04.10, 20.42' RT. – ℄ S 17TH ST.
N = 205278.21, E = 161655.70

12" WATER MAIN – "L" ST.

(49) P.O.B. STA. 140+80.83, 16.61' RT. – ℄ S 17TH ST.
N = 204154.97, E = 161646.31

(50) P.O.E. STA. 140+80.79, 52.40' RT. – ℄ S 17TH ST.
N = 204154.76, E = 16682.10

6" WATER MAIN – "M" ST.

(51) P.O.B. STA. 144+94.17, 29.00' RT. – ℄ S 17TH ST.
N = 204568.24, E = 161660.71

(52) P.I. STA. 144+94.17, 69.75' RT. – ℄ S 17TH ST.
N = 204568.04, E = 161701.46
LINE DEFLECTS 90° RT.

(53) P.O.E. STA. 144+73.97, 69.75' RT. – ℄ S 17TH ST.
N = 204547.85, E = 161701.37

6" WATER MAIN – "N" ST.

(54) P.O.B. STA. 148+74.35, 107.81' LT. – ℄ S 17TH ST.
N = 204949.12, E = 161525.76

(55) P.I. STA. 148+74.34, 104.15' LT. – ℄ S 17TH ST.
N = 204949.09, E = 161529.43
LINE DEFLECTS 90° LT.

(56) P.I. STA. 148+88.73, 104.15' LT. – ℄ S 17TH ST.
N = 204963.47, E = 161529.50
LINE DEFLECTS 90° RT.

(57) P.I. STA. 148+88.73, 54.41' RT. – ℄ S 17TH ST.
N = 204962.66, E = 161688.06
LINE DEFLECTS 90° RT.

(58) P.I. STA. 148+71.14, 54.41' RT. – ℄ S 17TH ST.
N = 204945.07, E = 161687.97
LINE DEFLECTS 90° LT.

(59) P.O.E. STA. 148+71.14, 58.08' RT. – ℄ S 17TH ST.
N = 204945.05, E = 161691.64

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

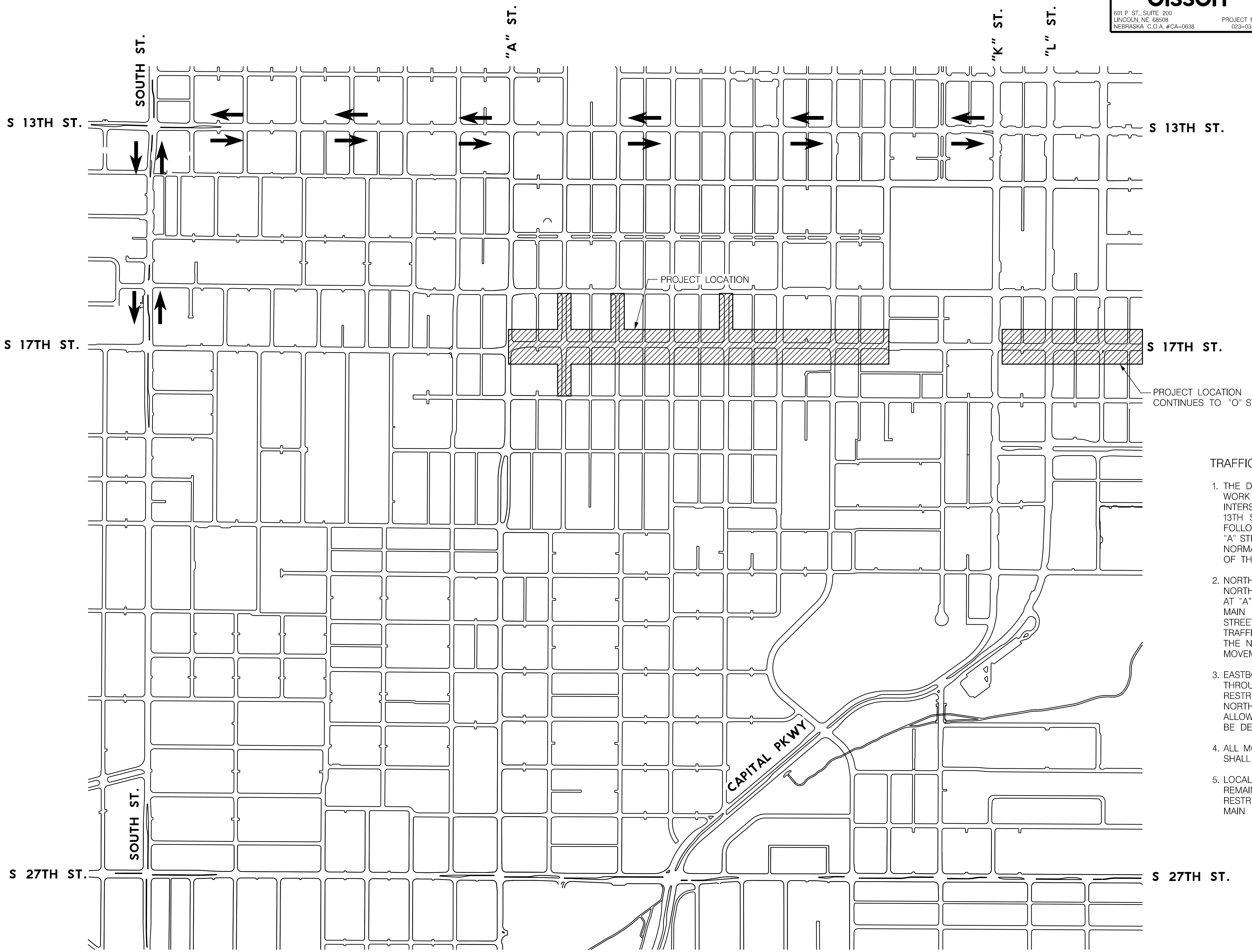
HORIZONTAL AND VERTICAL CONTROL

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	7
Date: 05\09\2024	Drawn: SJP
NOT TO SCALE	Checked: RSM
	Approved: OMK



TRAFFIC CONTROL AT 17TH AND "A" STREET

1. THE DETOUR SHALL BE IN PLACE DURING THE WORK IN AND AROUND THE 17TH AND "A" STREET INTERSECTION. THE DETOUR SHALL CONSIST OF 13TH STREET FROM SOUTH STREET TO K STREET. FOLLOWING THE COMPLETION OF THIS WORK, THE "A" STREET INTERSECTION SHALL BE OPENED TO NORMAL TRAFFIC OPERATIONS FOLLOWING COMPLETION OF THE WORK IN THE "A" STREET INTERSECTION.
2. NORTHBOUND 17TH STREET TRAFFIC AND THE NORTHBOUND TO WESTBOUND LEFT TURN MOVEMENT AT "A" STREET SHALL BE DETOURED WHILE WATER MAIN RECONSTRUCTION WORK OCCURS IN THE "A" STREET INTERSECTION. ALL NORTHBOUND 17TH STREET TRAFFIC AT "A" STREET WILL BE FORCED TO MAKE THE NORTHBOUND TO EASTBOUND RIGHT TURN MOVEMENT.
3. EASTBOUND "A" STREET TRAFFIC WILL BE MAINTAINED THROUGH THE 17TH STREET INTERSECTION WITH LANE RESTRICTIONS. AS A RESULT, THE EASTBOUND TO NORTHBOUND LEFT TURN MOVEMENT WILL NOT BE ALLOWED AND TRAFFIC FOR THIS MOVEMENT WILL BE DETOURED.
4. ALL MOVEMENTS FOR WESTBOUND "A" STREET TRAFFIC SHALL BE MAINTAINED WITH LANE RESRICTIONS.
5. LOCAL ACCESS SHALL BE PROVIDED ALONG THE REMAINDER OF THE PROJECT WITH MINOR LANE RESTRICTIONS OR SIDE ROAD CLOSURES FOR WATER MAIN RECONSTRUCTION.

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
05/09/24
STATE OF NEBRASKA

TRAFFIC CONTROL

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: spickus
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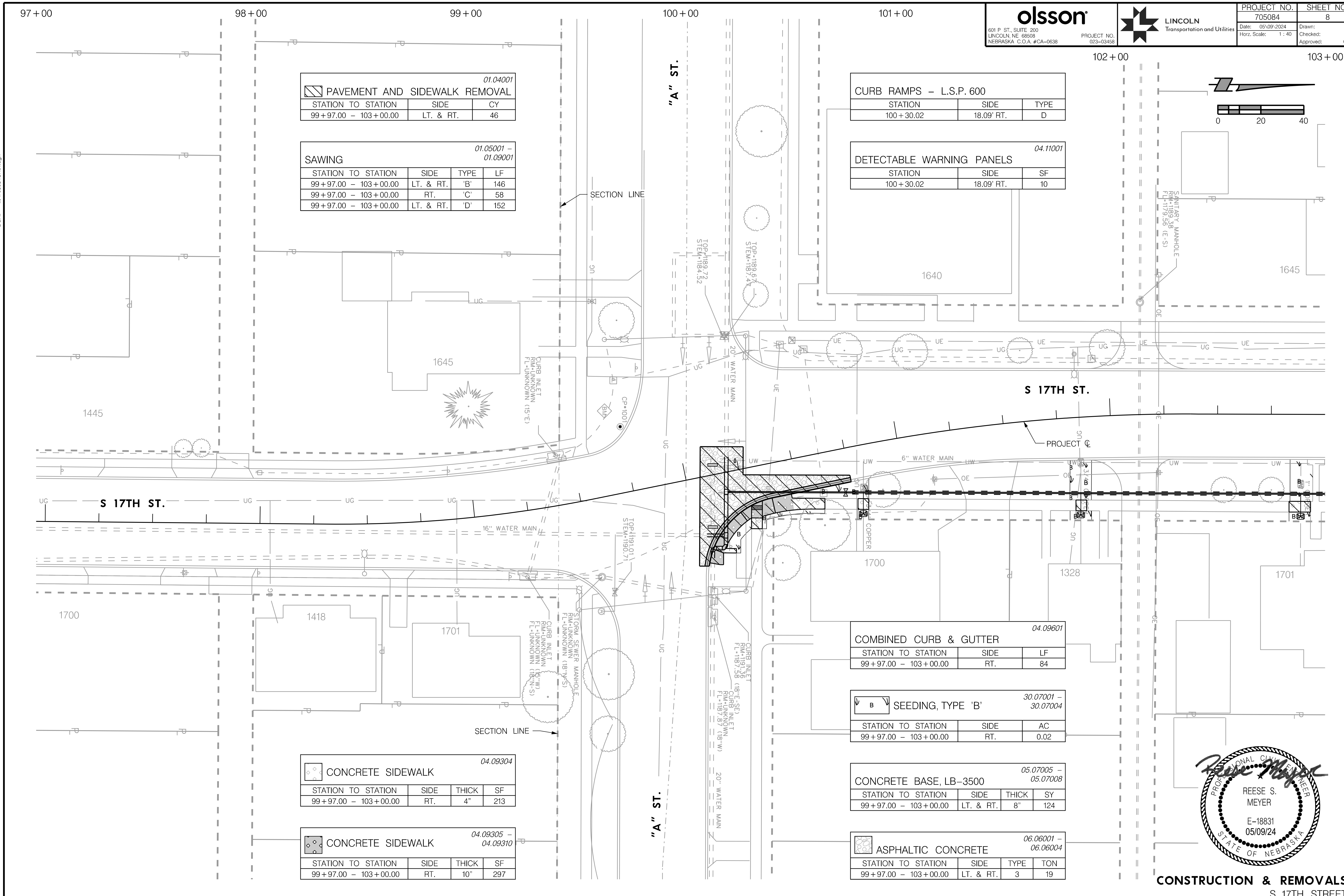
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	8
Date: 05\09\2024	Drawn: JJW
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



PAVEMENT AND SIDEWALK REMOVAL
01.04001

STATION TO STATION	SIDE	CY
99+97.00 – 103+00.00	LT. & RT.	46

SAWING
01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
99+97.00 – 103+00.00	LT. & RT.	'B'	146
99+97.00 – 103+00.00	RT.	'C'	58
99+97.00 – 103+00.00	LT. & RT.	'D'	152

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
100+30.02	18.09' RT.	D

DETECTABLE WARNING PANELS
04.11001

STATION	SIDE	SF
100+30.02	18.09' RT.	10

COMBINED CURB & GUTTER
04.09601

STATION TO STATION	SIDE	LF
99+97.00 – 103+00.00	RT.	84

SEEDING, TYPE 'B'
30.07001 – 30.07004

STATION TO STATION	SIDE	AC
99+97.00 – 103+00.00	RT.	0.02

CONCRETE SIDEWALK
04.09304

STATION TO STATION	SIDE	THICK	SF
99+97.00 – 103+00.00	RT.	4"	213

CONCRETE SIDEWALK
04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
99+97.00 – 103+00.00	RT.	10"	297

CONCRETE BASE, LB-3500
05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
99+97.00 – 103+00.00	LT. & RT.	8"	124

ASPHALTIC CONCRETE
06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
99+97.00 – 103+00.00	LT. & RT.	3	19

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
05/09/24
STATE OF NEBRASKA

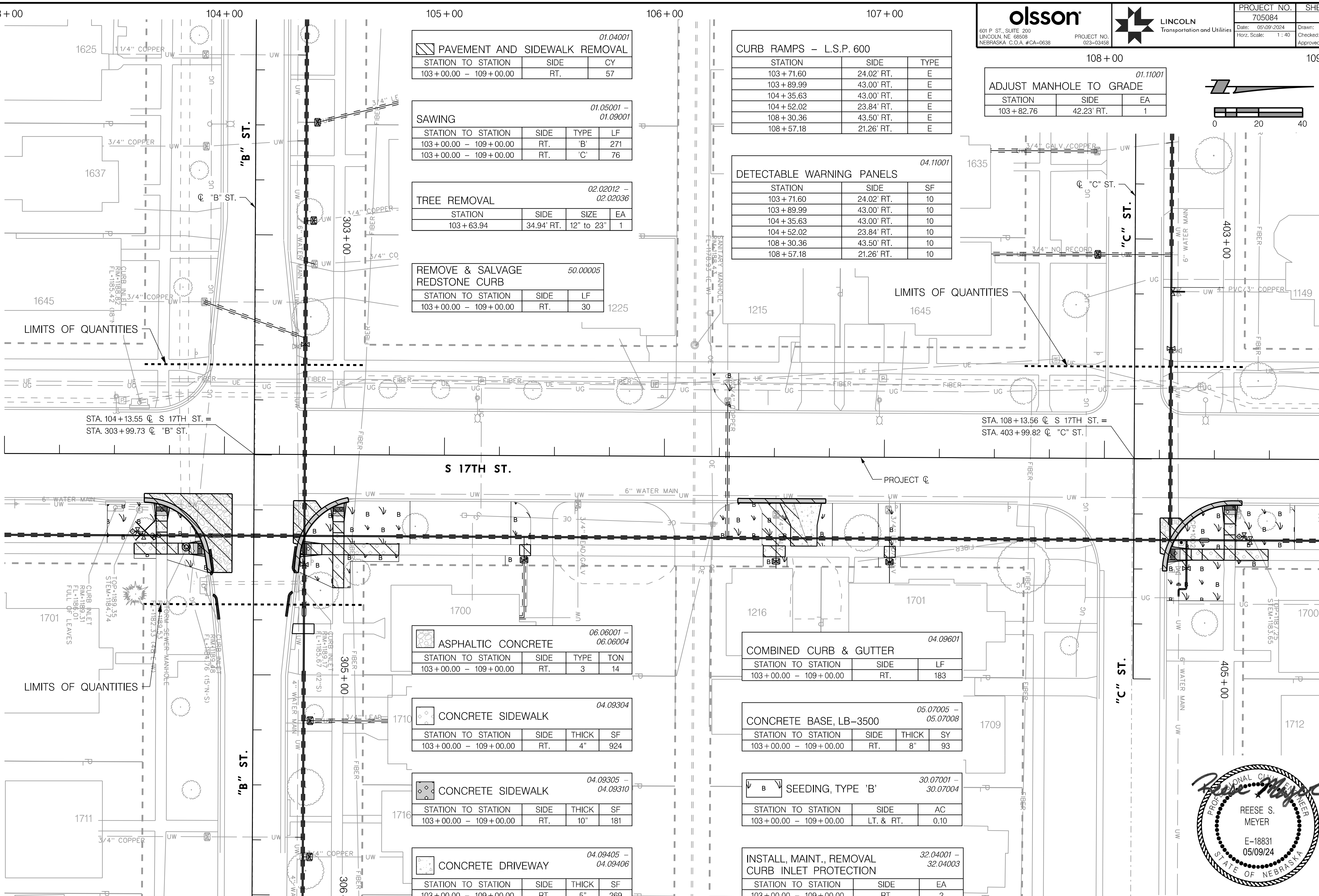
CONSTRUCTION & REMOVALS
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	9

Date: 05\09\2024 | Horz. Scale: 1 : 40 | Drawn: JJW | Checked: RSM | Approved: OMK



PAVEMENT AND SIDEWALK REMOVAL 01.04001		
STATION TO STATION	SIDE	CY
103+00.00 – 109+00.00	RT.	57

SAWING 01.05001 – 01.09001			
STATION TO STATION	SIDE	TYPE	LF
103+00.00 – 109+00.00	RT.	'B'	271
103+00.00 – 109+00.00	RT.	'C'	76

TREE REMOVAL 02.02012 – 02.02036			
STATION	SIDE	SIZE	EA
103+63.94	34.94' RT.	12" to 23"	1

REMOVE & SALVAGE REDSTONE CURB 50.00005		
STATION TO STATION	SIDE	LF
103+00.00 – 109+00.00	RT.	30

CURB RAMPS – L.S.P. 600		
STATION	SIDE	TYPE
103+71.60	24.02' RT.	E
103+89.99	43.00' RT.	E
104+35.63	43.00' RT.	E
104+52.02	23.84' RT.	E
108+30.36	43.50' RT.	E
108+57.18	21.26' RT.	E

DETECTABLE WARNING PANELS 04.11001		
STATION	SIDE	SF
103+71.60	24.02' RT.	10
103+89.99	43.00' RT.	10
104+35.63	43.00' RT.	10
104+52.02	23.84' RT.	10
108+30.36	43.50' RT.	10
108+57.18	21.26' RT.	10

ADJUST MANHOLE TO GRADE 01.11001		
STATION	SIDE	EA
103+82.76	42.23' RT.	1

ASPHALTIC CONCRETE 06.06001 – 06.06004			
STATION TO STATION	SIDE	TYPE	TON
103+00.00 – 109+00.00	RT.	3	14

CONCRETE SIDEWALK 04.09304			
STATION TO STATION	SIDE	THICK	SF
103+00.00 – 109+00.00	RT.	4"	924

CONCRETE SIDEWALK 04.09305 – 04.09310			
STATION TO STATION	SIDE	THICK	SF
103+00.00 – 109+00.00	RT.	10"	181

CONCRETE DRIVEWAY 04.09405 – 04.09406			
STATION TO STATION	SIDE	THICK	SF
103+00.00 – 109+00.00	RT.	5"	269

COMBINED CURB & GUTTER 04.09601		
STATION TO STATION	SIDE	LF
103+00.00 – 109+00.00	RT.	183

CONCRETE BASE, LB-3500 05.07005 – 05.07008			
STATION TO STATION	SIDE	THICK	SY
103+00.00 – 109+00.00	RT.	8"	93

SEEDING, TYPE 'B' 30.07001 – 30.07004		
STATION TO STATION	SIDE	AC
103+00.00 – 109+00.00	LT. & RT.	0.10

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION 32.04001 – 32.04003		
STATION TO STATION	SIDE	EA
103+00.00 – 109+00.00	RT.	2

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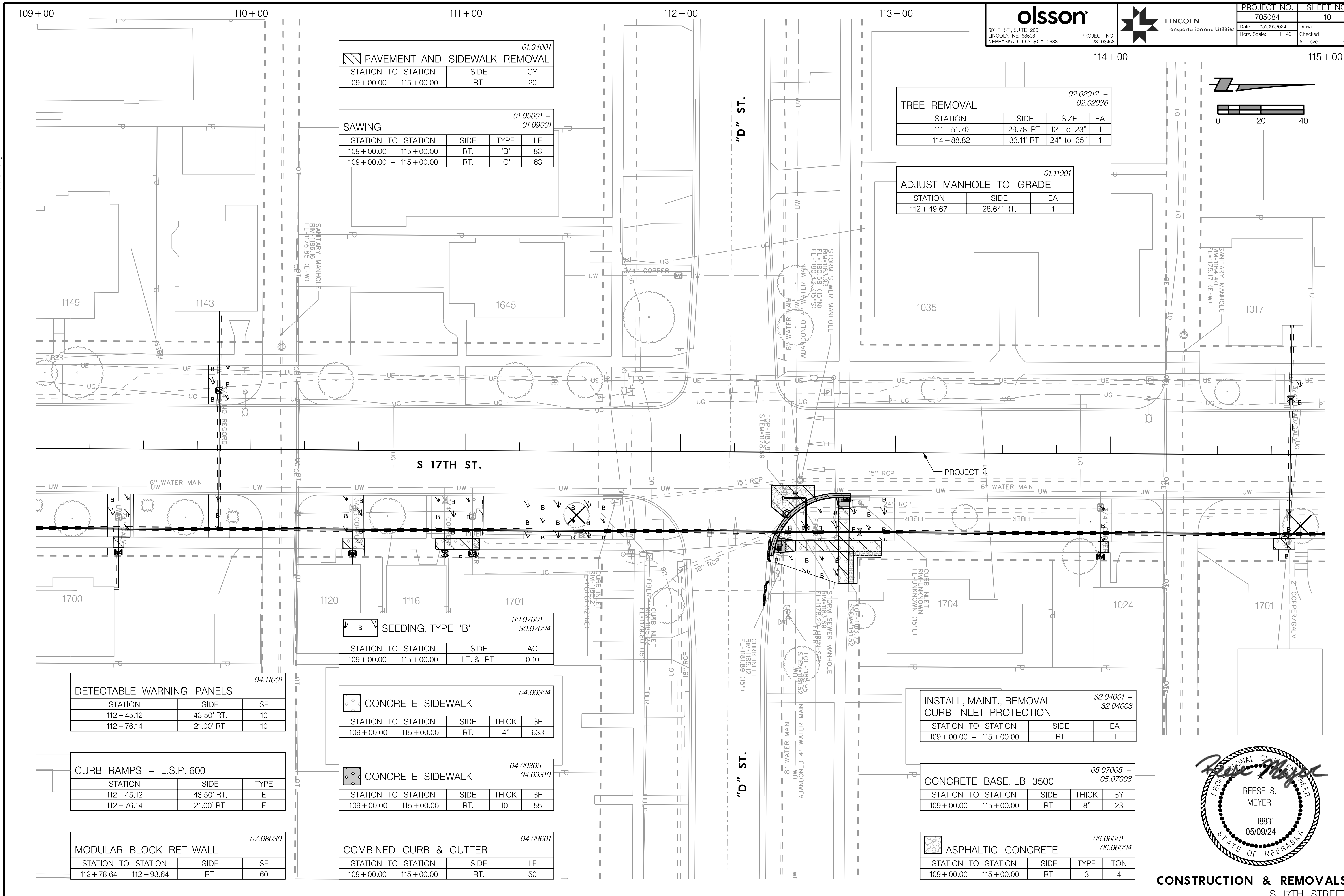
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	10
Date: 05\09\2024	Drawn: JJW
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



PAVEMENT AND SIDEWALK REMOVAL
01.04001

STATION TO STATION	SIDE	CY
109+00.00 – 115+00.00	RT.	20

SAWING
01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
109+00.00 – 115+00.00	RT.	'B'	83
109+00.00 – 115+00.00	RT.	'C'	63

TREE REMOVAL
02.02012 – 02.02036

STATION	SIDE	SIZE	EA
111+51.70	29.78' RT.	12" to 23"	1
114+88.82	33.11' RT.	24" to 35"	1

ADJUST MANHOLE TO GRADE
01.11001

STATION	SIDE	EA
112+49.67	28.64' RT.	1

SEEDING, TYPE 'B'
30.07001 – 30.07004

STATION TO STATION	SIDE	AC
109+00.00 – 115+00.00	LT. & RT.	0.10

DETECTABLE WARNING PANELS
04.11001

STATION	SIDE	SF
112+45.12	43.50' RT.	10
112+76.14	21.00' RT.	10

CONCRETE SIDEWALK
04.09304

STATION TO STATION	SIDE	THICK	SF
109+00.00 – 115+00.00	RT.	4"	633

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION
32.04001 – 32.04003

STATION TO STATION	SIDE	EA
109+00.00 – 115+00.00	RT.	1

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
112+45.12	43.50' RT.	E
112+76.14	21.00' RT.	E

CONCRETE SIDEWALK
04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
109+00.00 – 115+00.00	RT.	10"	55

CONCRETE BASE, LB-3500
05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
109+00.00 – 115+00.00	RT.	8"	23

MODULAR BLOCK RET. WALL
07.08030

STATION TO STATION	SIDE	SF
112+78.64 – 112+93.64	RT.	60

COMBINED CURB & GUTTER
04.09601

STATION TO STATION	SIDE	LF
109+00.00 – 115+00.00	RT.	50

ASPHALTIC CONCRETE
06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
109+00.00 – 115+00.00	RT.	3	4

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
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PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084CR04.dgn

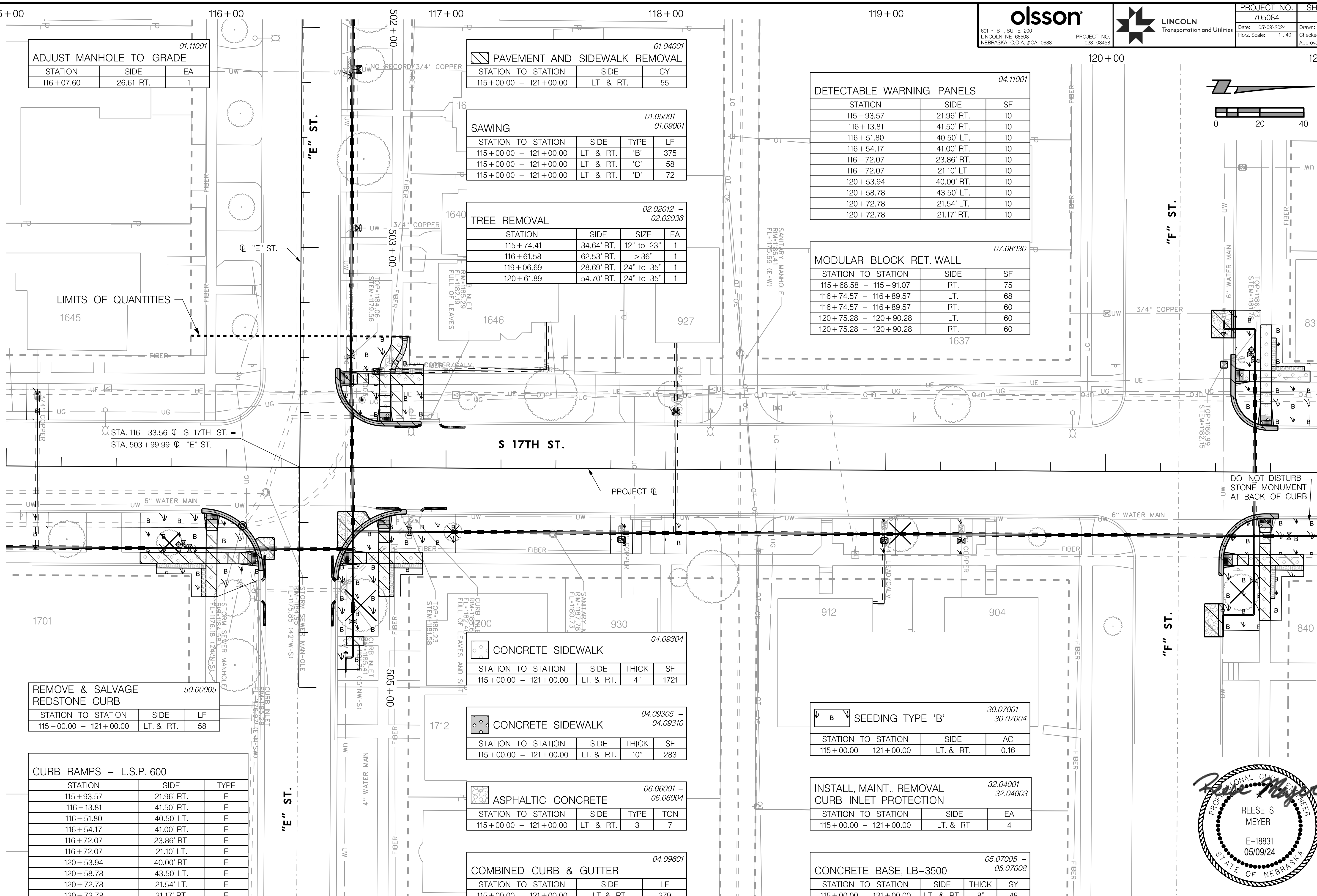
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	11

Date: 05\09\2024
Horz. Scale: 1 : 40
Drawn: JJW
Checked: RSM
Approved: OMK



ADJUST MANHOLE TO GRADE — 01.11001

STATION	SIDE	EA
116+07.60	26.61' RT.	1

PAVEMENT AND SIDEWALK REMOVAL — 01.04001

STATION TO STATION	SIDE	CY
115+00.00 – 121+00.00	LT. & RT.	55

SAWING — 01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
115+00.00 – 121+00.00	LT. & RT.	'B'	375
115+00.00 – 121+00.00	LT. & RT.	'C'	58
115+00.00 – 121+00.00	LT. & RT.	'D'	72

TREE REMOVAL — 02.02012 – 02.02036

STATION	SIDE	SIZE	EA
115+74.41	34.64' RT.	12" to 23"	1
116+61.58	62.53' RT.	>36"	1
119+06.69	28.69' RT.	24" to 35"	1
120+61.89	54.70' RT.	24" to 35"	1

DETECTABLE WARNING PANELS — 04.11001

STATION	SIDE	SF
115+93.57	21.96' RT.	10
116+13.81	41.50' RT.	10
116+51.80	40.50' LT.	10
116+54.17	41.00' RT.	10
116+72.07	23.86' RT.	10
116+72.07	21.10' LT.	10
120+53.94	40.00' RT.	10
120+58.78	43.50' LT.	10
120+72.78	21.54' LT.	10
120+72.78	21.17' RT.	10

MODULAR BLOCK RET. WALL — 07.08030

STATION TO STATION	SIDE	SF
115+68.58 – 115+91.07	RT.	75
116+74.57 – 116+89.57	LT.	68
116+74.57 – 116+89.57	RT.	60
120+75.28 – 120+90.28	LT.	60
120+75.28 – 120+90.28	RT.	60

REMOVE & SALVAGE REDSTONE CURB — 50.00005

STATION TO STATION	SIDE	LF
115+00.00 – 121+00.00	LT. & RT.	58

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
115+93.57	21.96' RT.	E
116+13.81	41.50' RT.	E
116+51.80	40.50' LT.	E
116+54.17	41.00' RT.	E
116+72.07	23.86' RT.	E
116+72.07	21.10' LT.	E
120+53.94	40.00' RT.	E
120+58.78	43.50' LT.	E
120+72.78	21.54' LT.	E
120+72.78	21.17' RT.	E

CONCRETE SIDEWALK — 04.09304

STATION TO STATION	SIDE	THICK	SF
115+00.00 – 121+00.00	LT. & RT.	4"	1721

CONCRETE SIDEWALK — 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
115+00.00 – 121+00.00	LT. & RT.	10"	283

ASPHALTIC CONCRETE — 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
115+00.00 – 121+00.00	LT. & RT.	3	7

COMBINED CURB & GUTTER — 04.09601

STATION TO STATION	SIDE	LF
115+00.00 – 121+00.00	LT. & RT.	279

SEEDING, TYPE 'B' — 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
115+00.00 – 121+00.00	LT. & RT.	0.16

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION — 32.04001 – 32.04003

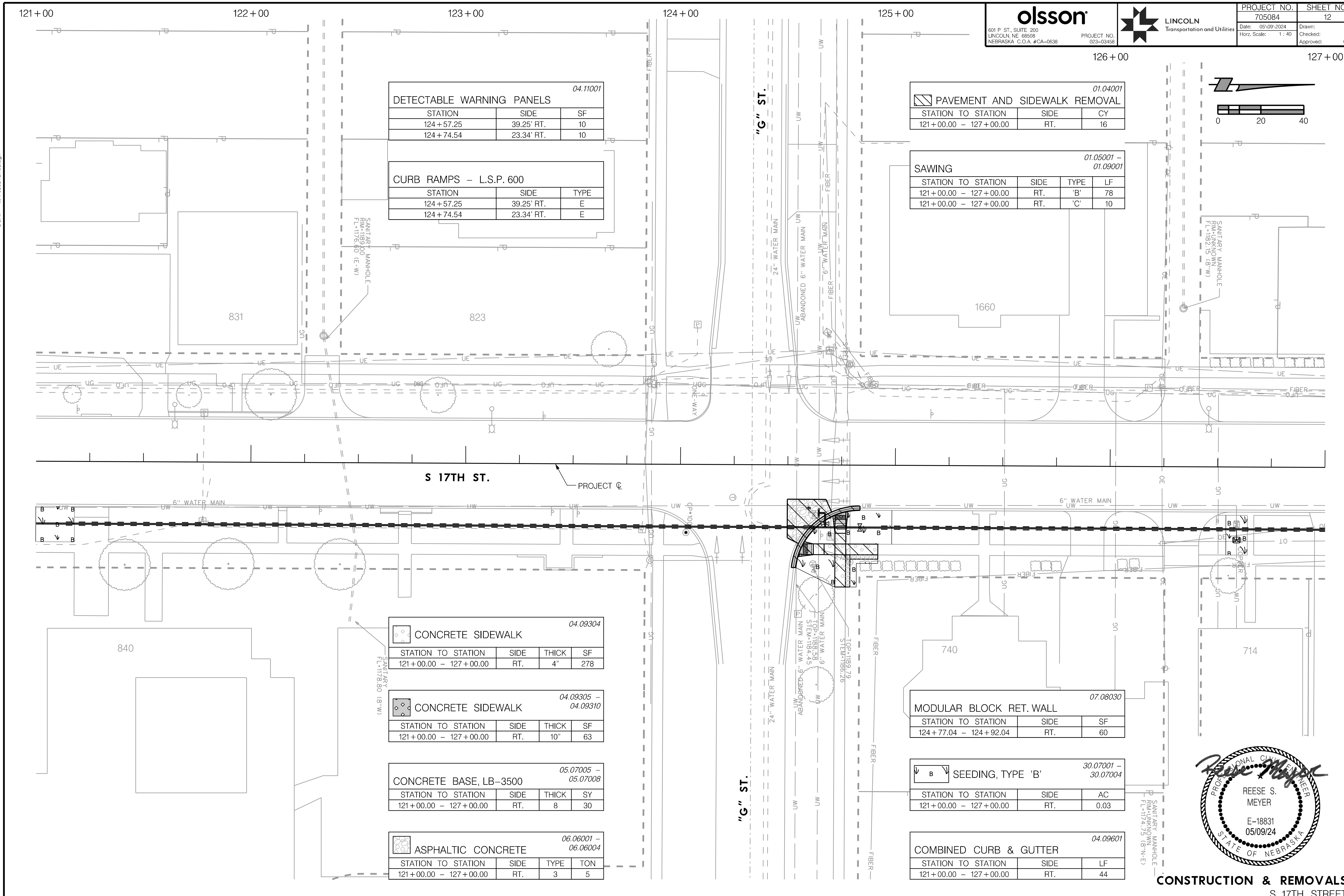
STATION TO STATION	SIDE	EA
115+00.00 – 121+00.00	LT. & RT.	4

CONCRETE BASE, LB-3500 — 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
115+00.00 – 121+00.00	LT. & RT.	8"	48

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET



PROJECT NO.	SHEET NO.
705084	12

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

Date: 05\09\2024 | Horz. Scale: 1 : 40 | Drawn: JJW | Checked: RSM | Approved: OMK

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084CR05.dgn

DETECTABLE WARNING PANELS (04.11001)

STATION	SIDE	SF
124+57.25	39.25' RT.	10
124+74.54	23.34' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
124+57.25	39.25' RT.	E
124+74.54	23.34' RT.	E

PAVEMENT AND SIDEWALK REMOVAL (01.04001)

STATION TO STATION	SIDE	CY
121+00.00 – 127+00.00	RT.	16

SAWING (01.05001 – 01.09001)

STATION TO STATION	SIDE	TYPE	LF
121+00.00 – 127+00.00	RT.	'B'	78
121+00.00 – 127+00.00	RT.	'C'	10

CONCRETE SIDEWALK (04.09304)

STATION TO STATION	SIDE	THICK	SF
121+00.00 – 127+00.00	RT.	4"	278

CONCRETE SIDEWALK (04.09305 – 04.09310)

STATION TO STATION	SIDE	THICK	SF
121+00.00 – 127+00.00	RT.	10"	63

CONCRETE BASE, LB-3500 (05.07005 – 05.07008)

STATION TO STATION	SIDE	THICK	SY
121+00.00 – 127+00.00	RT.	8	30

ASPHALTIC CONCRETE (06.06001 – 06.06004)

STATION TO STATION	SIDE	TYPE	TON
121+00.00 – 127+00.00	RT.	3	5

MODULAR BLOCK RET. WALL (07.08030)

STATION TO STATION	SIDE	SF
124+77.04 – 124+92.04	RT.	60

SEEDING, TYPE 'B' (30.07001 – 30.07004)

STATION TO STATION	SIDE	AC
121+00.00 – 127+00.00	RT.	0.03

COMBINED CURB & GUTTER (04.09601)

STATION TO STATION	SIDE	LF
121+00.00 – 127+00.00	RT.	44

PROFESSIONAL CIVIL ENGINEER REESE S. MEYER E-18831 05/09/24 STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084CR06.dgn

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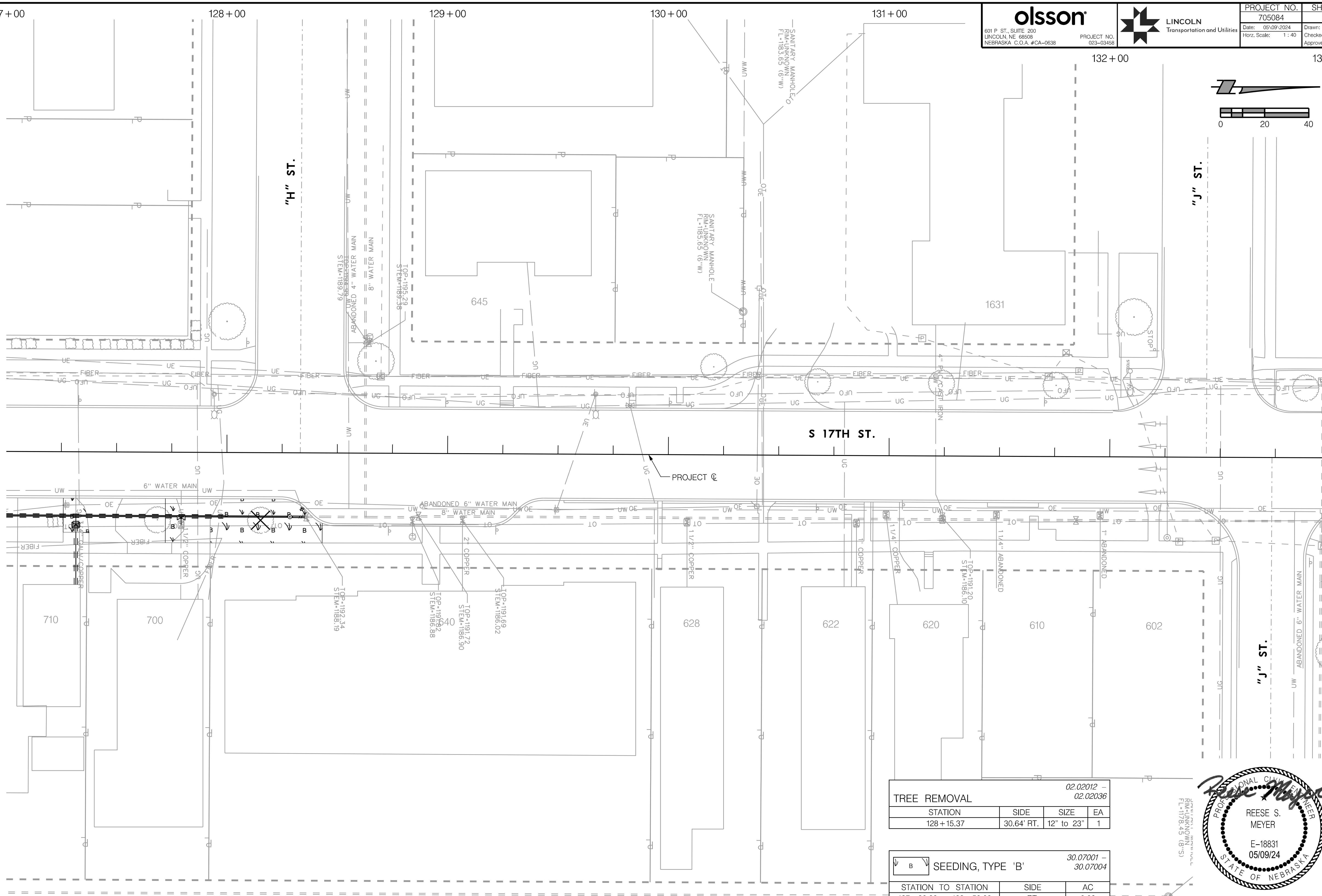
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	13
Date: 05\09\2024	Drawn: JJW
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



TREE REMOVAL			02.02012 – 02.02036
STATION	SIDE	SIZE	EA
128 + 15.37	30.64' RT.	12" to 23"	1

SEEDING, TYPE 'B'		30.07001 – 30.07004
STATION TO STATION	SIDE	AC
127 + 00.00 – 128 + 50.00	RT.	0.03

REESE S. MEYER
E-18831
05/09/24
PROFESSIONAL CIVIL ENGINEER
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
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USER: spickus
DATE: 05\09\2024
DGN: ...\705084CR07.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

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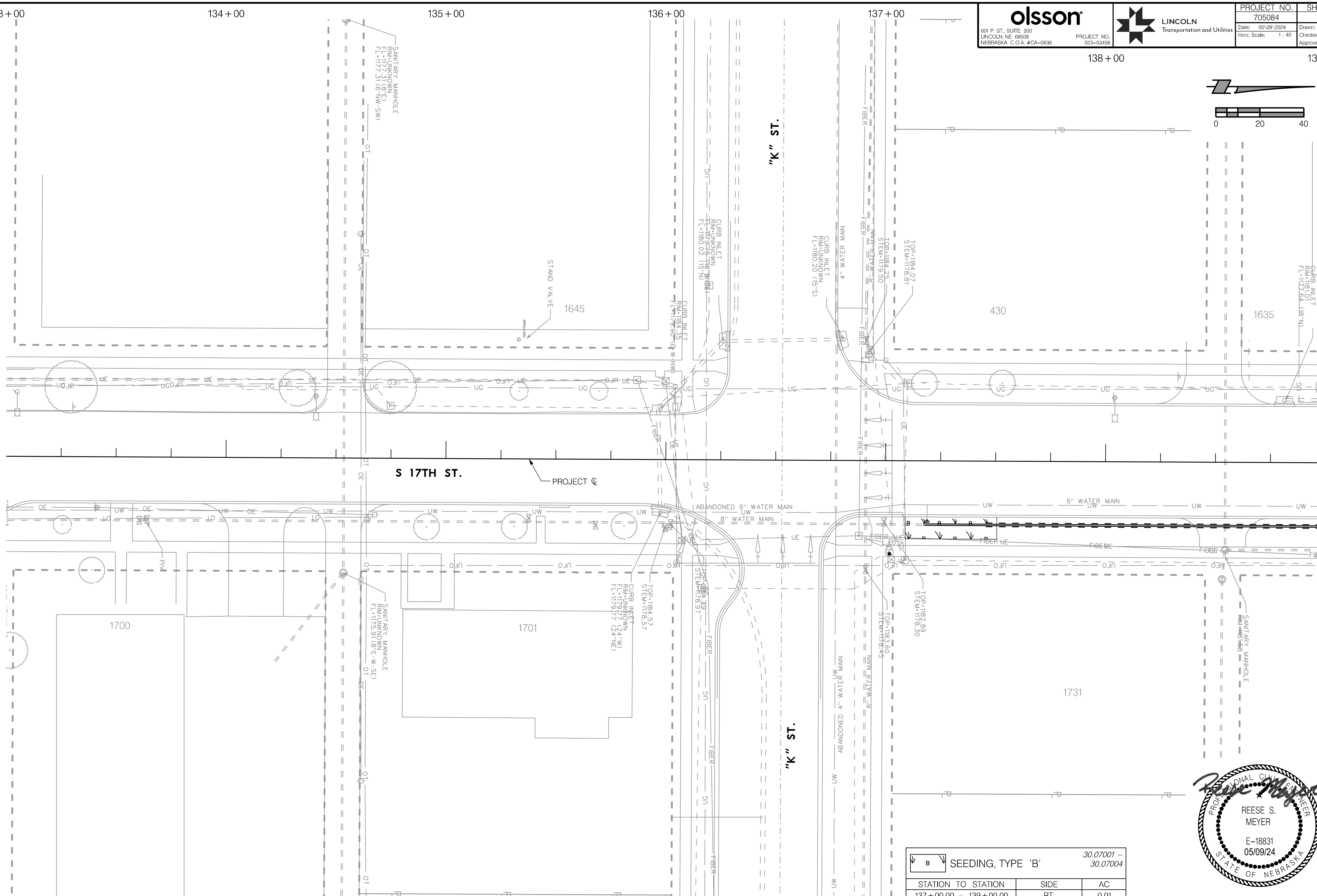
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	14
Date: 05\09\2024	Drawn: JJW
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



B	SEEDING, TYPE 'B'		30.07001 – 30.07004
STATION TO STATION		SIDE	AC
137+00.00 – 139+00.00		RT.	0.01

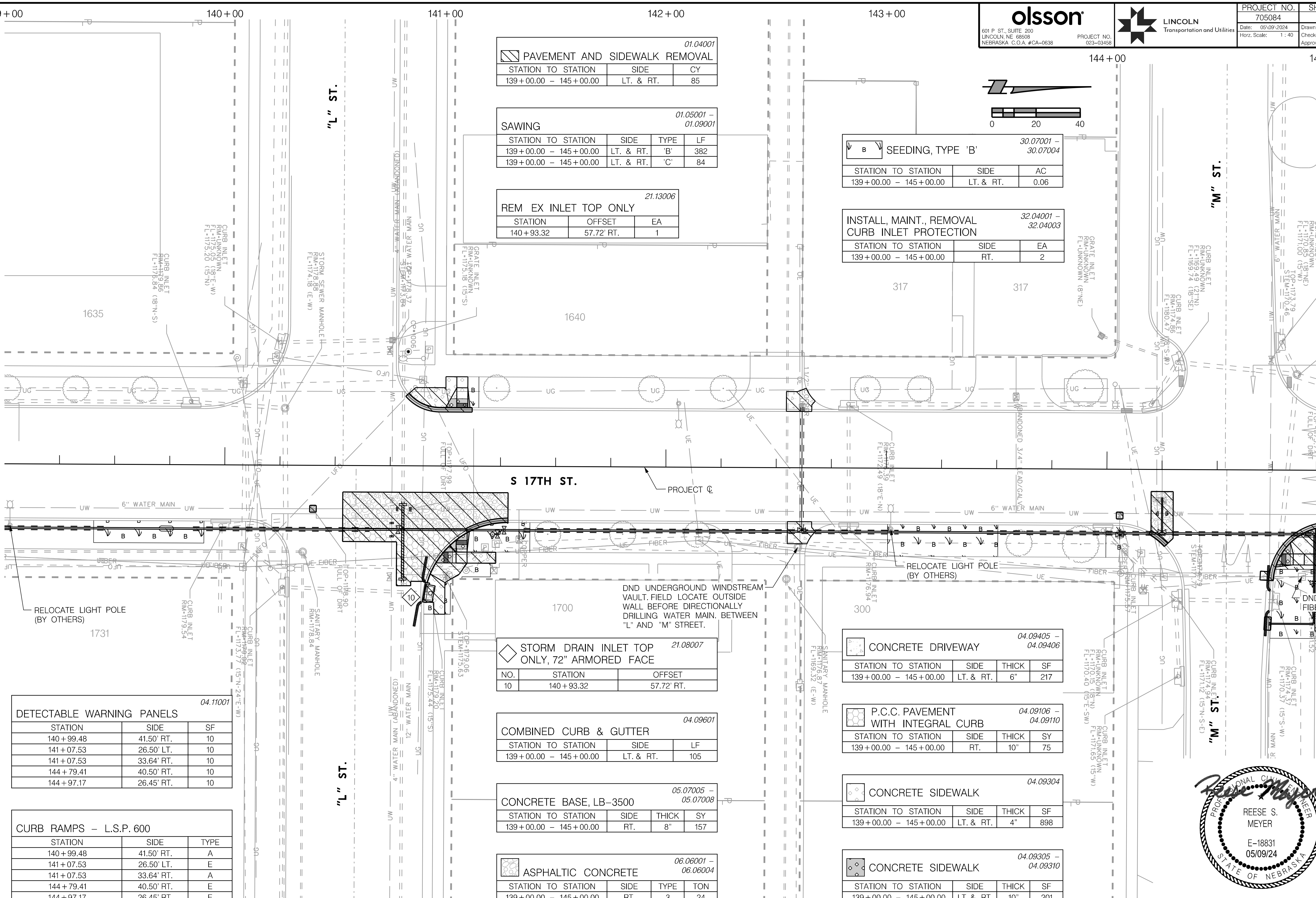
REESE S. MEYER E-18831 05/09/24
PROFESSIONAL CIVIL ENGINEER STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO. 705084 | SHEET NO. 15
Date: 05\09\2024 | Horz. Scale: 1 : 40
Drawn: JJW | Checked: RSM | Approved: OMK



PAVEMENT AND SIDEWALK REMOVAL (01.04001)

STATION TO STATION	SIDE	CY
139+00.00 – 145+00.00	LT. & RT.	85

SAWING (01.05001 – 01.09001)

STATION TO STATION	SIDE	TYPE	LF
139+00.00 – 145+00.00	LT. & RT.	'B'	382
139+00.00 – 145+00.00	LT. & RT.	'C'	84

REM EX INLET TOP ONLY (21.13006)

STATION	OFFSET	EA
140+93.32	57.72' RT.	1

SEEDING, TYPE 'B' (30.07001 – 30.07004)

STATION TO STATION	SIDE	AC
139+00.00 – 145+00.00	LT. & RT.	0.06

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION (32.04001 – 32.04003)

STATION TO STATION	SIDE	EA
139+00.00 – 145+00.00	RT.	2

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE (21.08007)

NO.	STATION	OFFSET
10	140+93.32	57.72' RT.

DETECTABLE WARNING PANELS (04.11001)

STATION	SIDE	SF
140+99.48	41.50' RT.	10
141+07.53	26.50' LT.	10
141+07.53	33.64' RT.	10
144+79.41	40.50' RT.	10
144+97.17	26.45' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
140+99.48	41.50' RT.	A
141+07.53	26.50' LT.	E
141+07.53	33.64' RT.	A
144+79.41	40.50' RT.	E
144+97.17	26.45' RT.	E

COMBINED CURB & GUTTER (04.09601)

STATION TO STATION	SIDE	LF
139+00.00 – 145+00.00	LT. & RT.	105

CONCRETE BASE, LB-3500 (05.07005 – 05.07008)

STATION TO STATION	SIDE	THICK	SY
139+00.00 – 145+00.00	RT.	8"	157

ASPHALTIC CONCRETE (06.06001 – 06.06004)

STATION TO STATION	SIDE	TYPE	TON
139+00.00 – 145+00.00	RT.	3	24

CONCRETE DRIVEWAY (04.09405 – 04.09406)

STATION TO STATION	SIDE	THICK	SF
139+00.00 – 145+00.00	LT. & RT.	6"	217

P.C.C. PAVEMENT WITH INTEGRAL CURB (04.09106 – 04.09110)

STATION TO STATION	SIDE	THICK	SY
139+00.00 – 145+00.00	RT.	10"	75

CONCRETE SIDEWALK (04.09304)

STATION TO STATION	SIDE	THICK	SF
139+00.00 – 145+00.00	LT. & RT.	4"	898

CONCRETE SIDEWALK (04.09305 – 04.09310)

STATION TO STATION	SIDE	THICK	SF
139+00.00 – 145+00.00	LT. & RT.	10"	201

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
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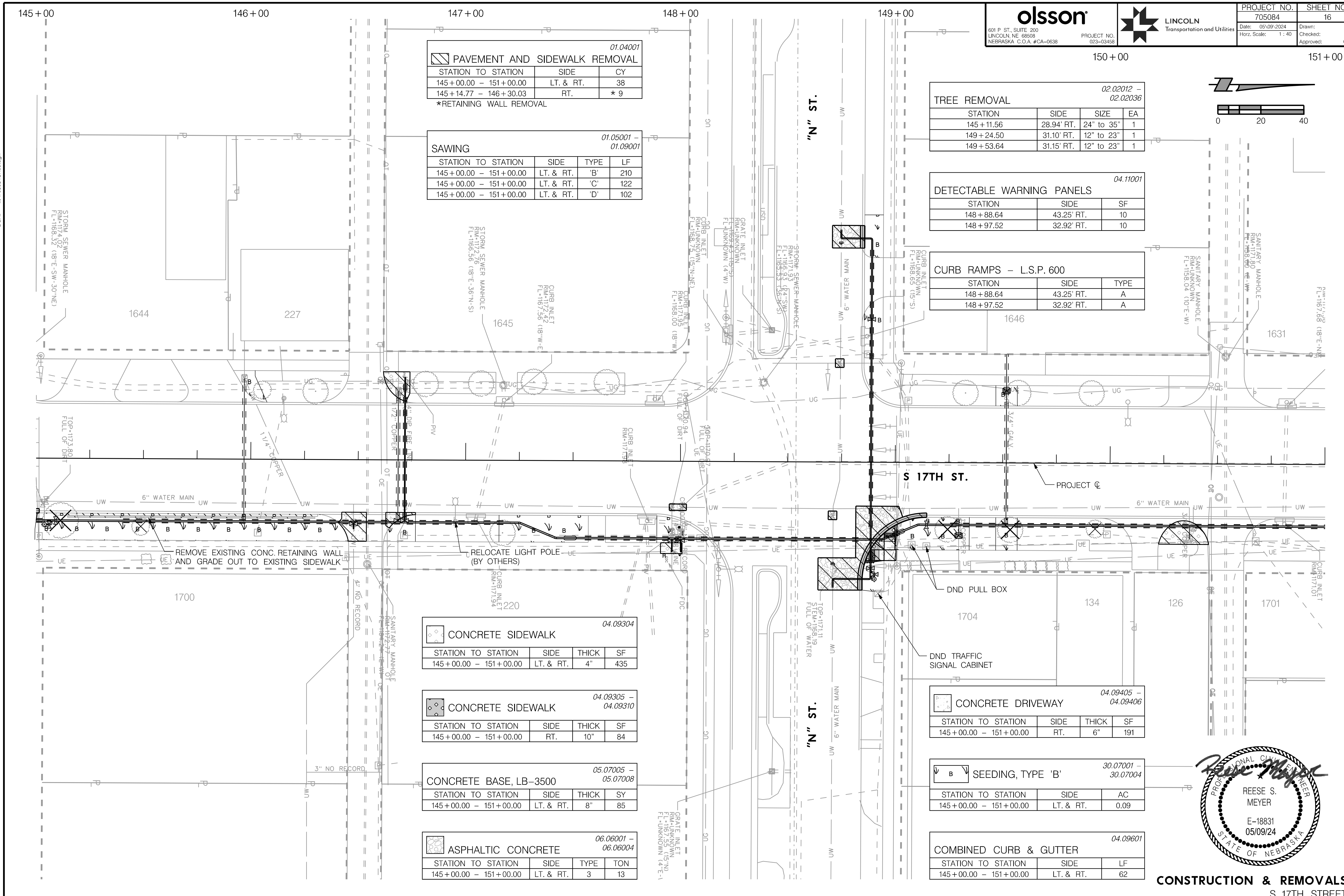


01.04001

PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
145+00.00 – 151+00.00	LT. & RT.	38
145+14.77 – 146+30.03	RT.	* 9

*RETAINING WALL REMOVAL

01.05001 – 01.09001

SAWING

STATION TO STATION	SIDE	TYPE	LF
145+00.00 – 151+00.00	LT. & RT.	'B'	210
145+00.00 – 151+00.00	LT. & RT.	'C'	122
145+00.00 – 151+00.00	LT. & RT.	'D'	102

02.02012 – 02.02036

TREE REMOVAL

STATION	SIDE	SIZE	EA
145+11.56	28.94' RT.	24" to 35"	1
149+24.50	31.10' RT.	12" to 23"	1
149+53.64	31.15' RT.	12" to 23"	1

04.11001

DETECTABLE WARNING PANELS

STATION	SIDE	SF
148+88.64	43.25' RT.	10
148+97.52	32.92' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
148+88.64	43.25' RT.	A
148+97.52	32.92' RT.	A

04.09304

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
145+00.00 – 151+00.00	LT. & RT.	4"	435

04.09305 – 04.09310

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
145+00.00 – 151+00.00	RT.	10"	84

05.07005 – 05.07008

CONCRETE BASE, LB-3500

STATION TO STATION	SIDE	THICK	SY
145+00.00 – 151+00.00	LT. & RT.	8"	85

06.06001 – 06.06004

ASPHALTIC CONCRETE

STATION TO STATION	SIDE	TYPE	TON
145+00.00 – 151+00.00	LT. & RT.	3	13

04.09405 – 04.09406

CONCRETE DRIVEWAY

STATION TO STATION	SIDE	THICK	SF
145+00.00 – 151+00.00	RT.	6"	191

30.07001 – 30.07004

SEEDING, TYPE 'B'

STATION TO STATION	SIDE	AC
145+00.00 – 151+00.00	LT. & RT.	0.09

04.09601

COMBINED CURB & GUTTER

STATION TO STATION	SIDE	LF
145+00.00 – 151+00.00	LT. & RT.	62

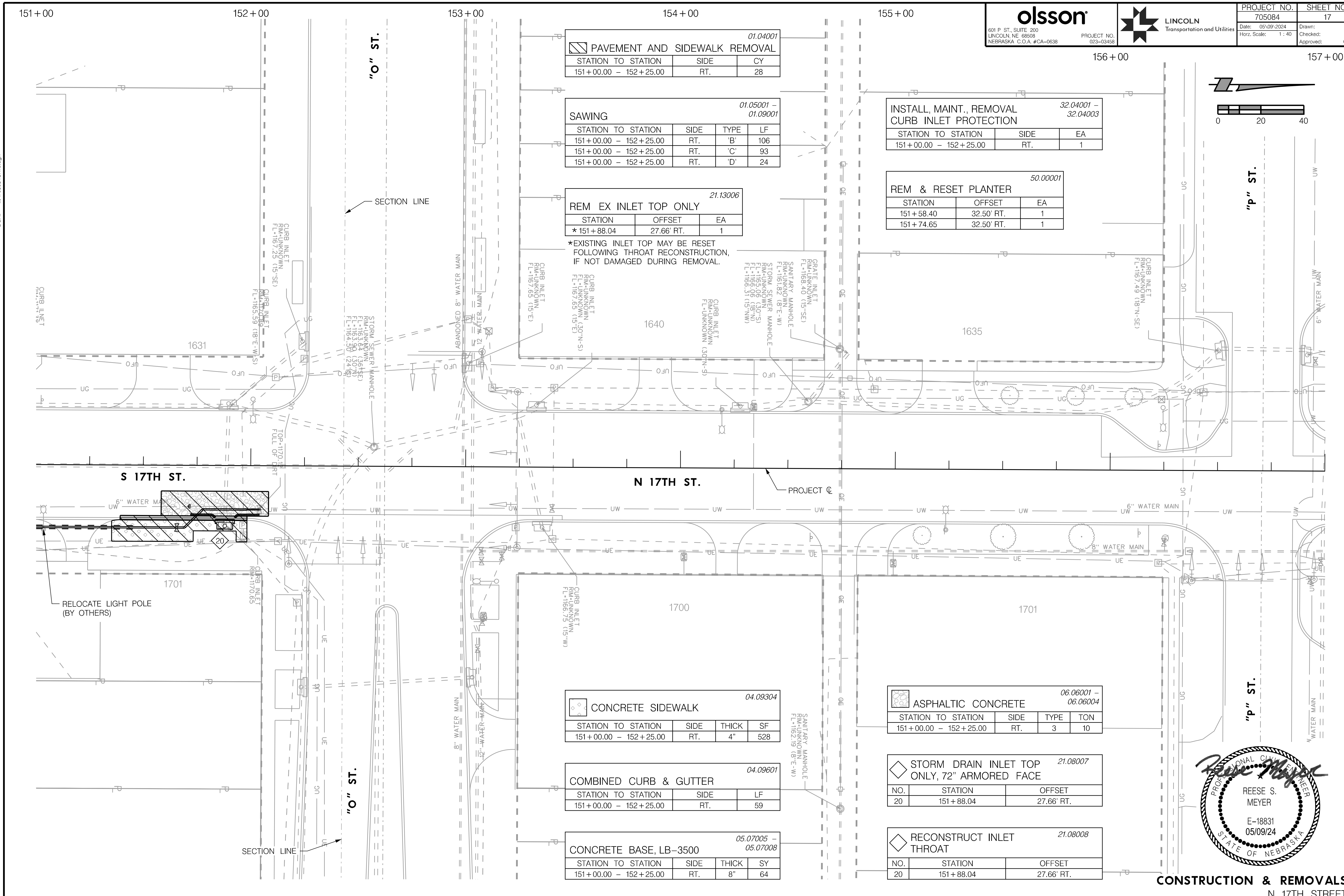
PROFESSIONAL CIVIL ENGINEER REESE S. MEYER E-18831 05/09/24 STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	17
Date: 05\09\2024	Drawn: JJW
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



PAVEMENT AND SIDEWALK REMOVAL
01.04001

STATION TO STATION	SIDE	CY
151+00.00 – 152+25.00	RT.	28

SAWING
01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
151+00.00 – 152+25.00	RT.	'B'	106
151+00.00 – 152+25.00	RT.	'C'	93
151+00.00 – 152+25.00	RT.	'D'	24

REM EX INLET TOP ONLY
21.13006

STATION	OFFSET	EA
* 151+88.04	27.66' RT.	1

*EXISTING INLET TOP MAY BE RESET FOLLOWING THROAT RECONSTRUCTION, IF NOT DAMAGED DURING REMOVAL.

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION
32.04001 – 32.04003

STATION TO STATION	SIDE	EA
151+00.00 – 152+25.00	RT.	1

REM & RESET PLANTER
50.00001

STATION	OFFSET	EA
151+58.40	32.50' RT.	1
151+74.65	32.50' RT.	1

CONCRETE SIDEWALK
04.09304

STATION TO STATION	SIDE	THICK	SF
151+00.00 – 152+25.00	RT.	4"	528

COMBINED CURB & GUTTER
04.09601

STATION TO STATION	SIDE	LF
151+00.00 – 152+25.00	RT.	59

CONCRETE BASE, LB-3500
05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
151+00.00 – 152+25.00	RT.	8"	64

ASPHALTIC CONCRETE
06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
151+00.00 – 152+25.00	RT.	3	10

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE
21.08007

NO.	STATION	OFFSET
20	151+88.04	27.66' RT.

RECONSTRUCT INLET THROAT
21.08008

NO.	STATION	OFFSET
20	151+88.04	27.66' RT.

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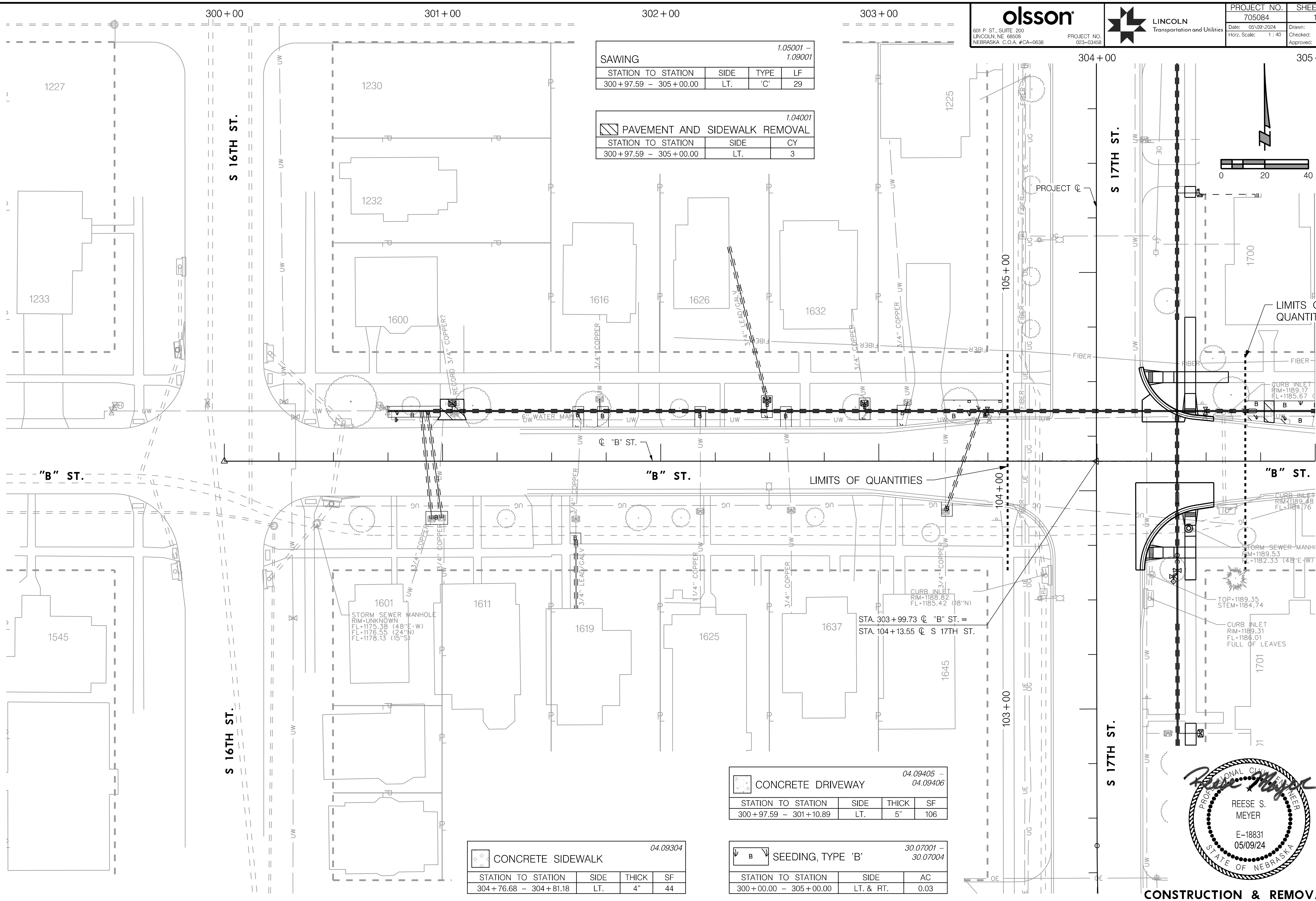
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	18
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



SAWING 1.05001 – 1.09001

STATION TO STATION	SIDE	TYPE	LF
300+97.59 – 305+00.00	LT.	'C'	29

PAVEMENT AND SIDEWALK REMOVAL 1.04001

STATION TO STATION	SIDE	CY
300+97.59 – 305+00.00	LT.	3

CONCRETE DRIVEWAY 04.09405 – 04.09406

STATION TO STATION	SIDE	THICK	SF
300+97.59 – 301+10.89	LT.	5"	106

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
304+76.68 – 304+81.18	LT.	4"	44

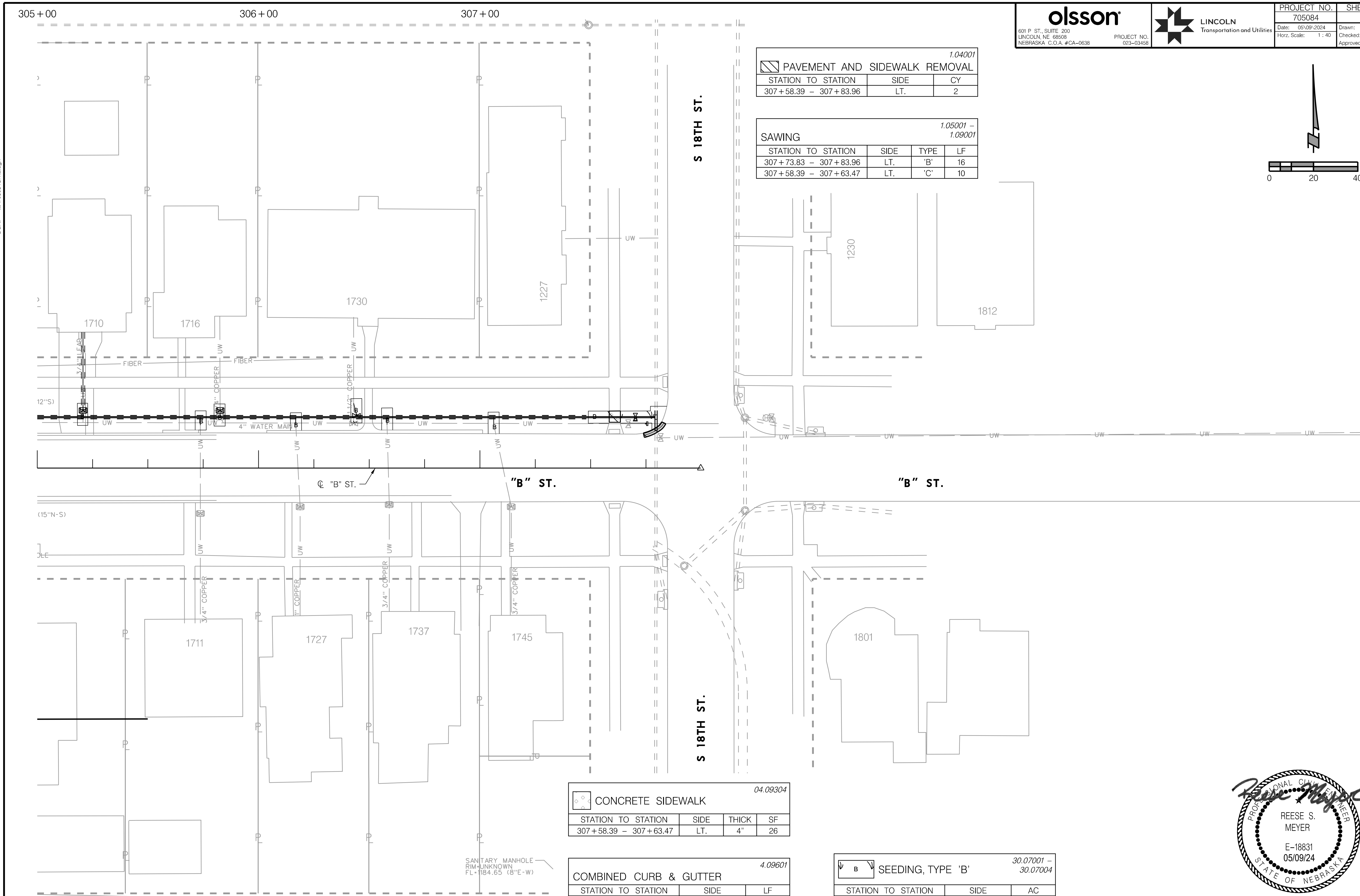
SEEDING, TYPE 'B' 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
300+00.00 – 305+00.00	LT. & RT.	0.03

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
"B" STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084CR12.dgn



1.04001

PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
307+58.39 – 307+83.96	LT.	2

1.05001 – 1.09001

SAWING

STATION TO STATION	SIDE	TYPE	LF
307+73.83 – 307+83.96	LT.	'B'	16
307+58.39 – 307+63.47	LT.	'C'	10

04.09304

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
307+58.39 – 307+63.47	LT.	4"	26

4.09601

COMBINED CURB & GUTTER

STATION TO STATION	SIDE	LF
307+73.83 – 307+83.96	LT.	10

30.07001 – 30.07004

SEEDING, TYPE 'B'

STATION TO STATION	SIDE	AC
305+00.00 – 307+84.45	LT.	0.02

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LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	19
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS

"B" STREET

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

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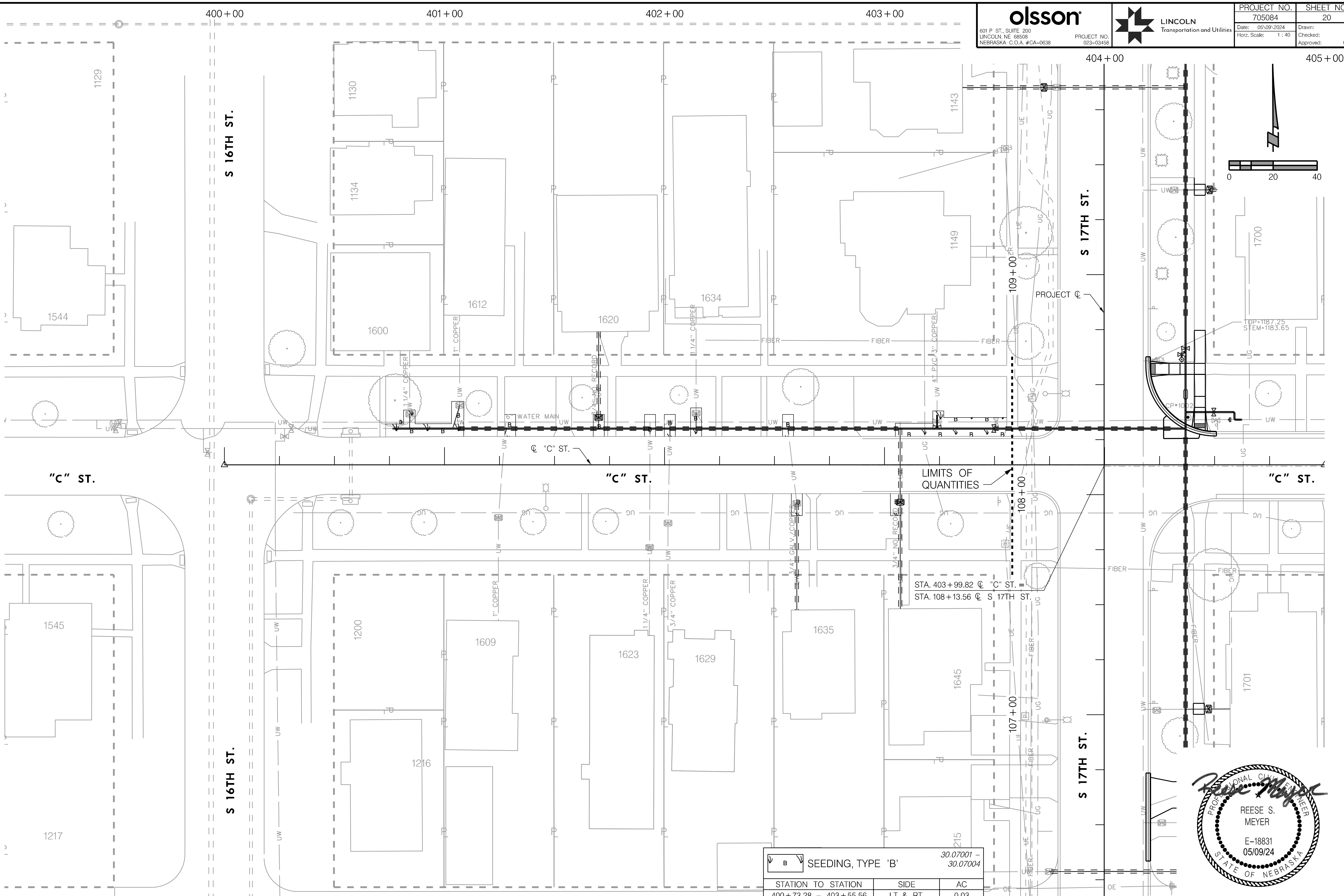
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	20
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



B	SEEDING, TYPE 'B'	30.07001 – 30.07004
STATION TO STATION	SIDE	AC
400+73.28 – 403+55.56	LT. & RT.	0.03

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E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
"C" STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ..\tables\pen\CR_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084CR14.dgn

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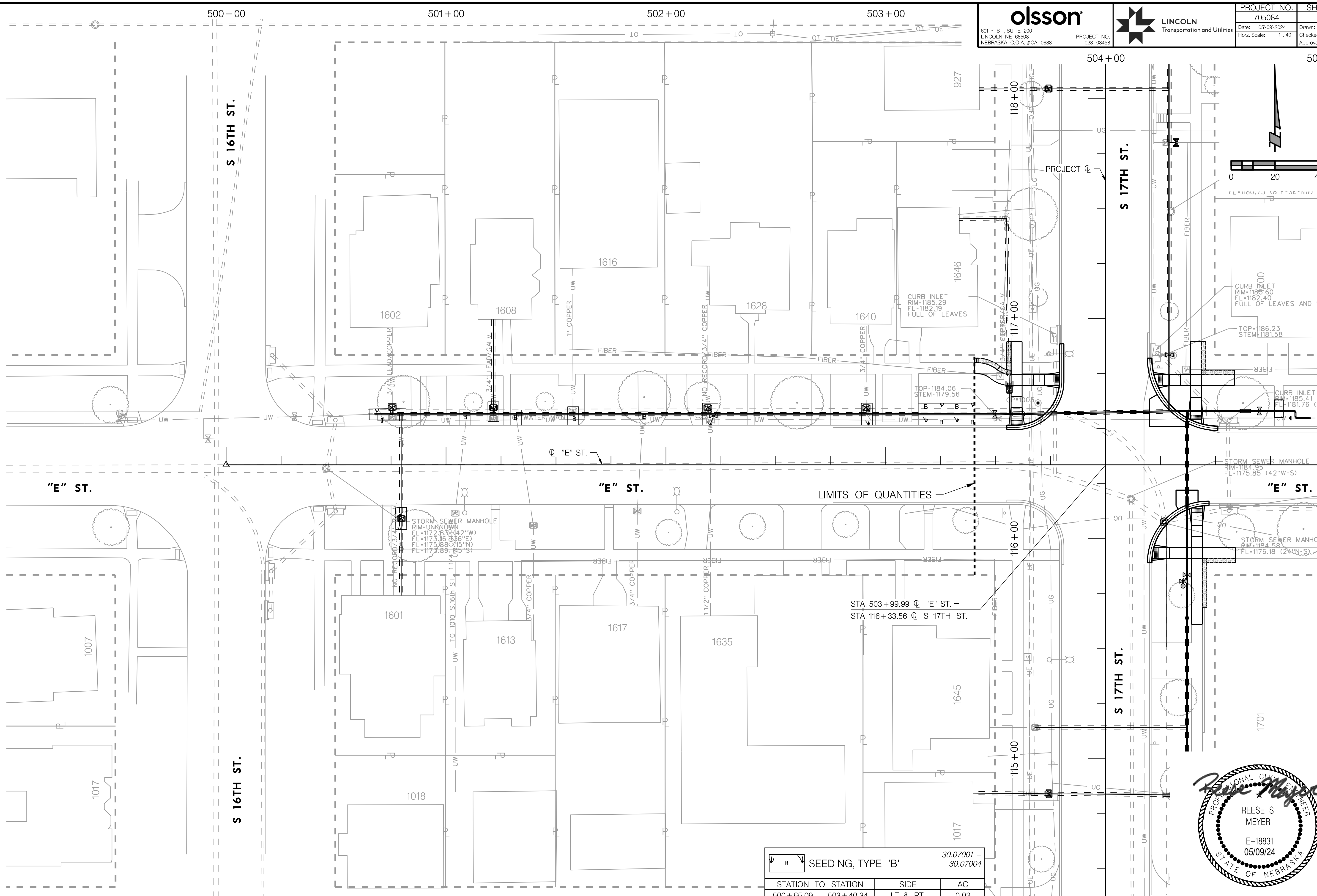
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	21

Date: 05\09\2024 | Drawn: SJP
Horz. Scale: 1 : 40 | Checked: RSM
Approved: OMK



B SEEDING, TYPE 'B' 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
500+65.09 – 503+40.34	LT. & RT.	0.02

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E-18831
05/09/24
STATE OF NEBRASKA

CONSTRUCTION & REMOVALS
"E" STREET

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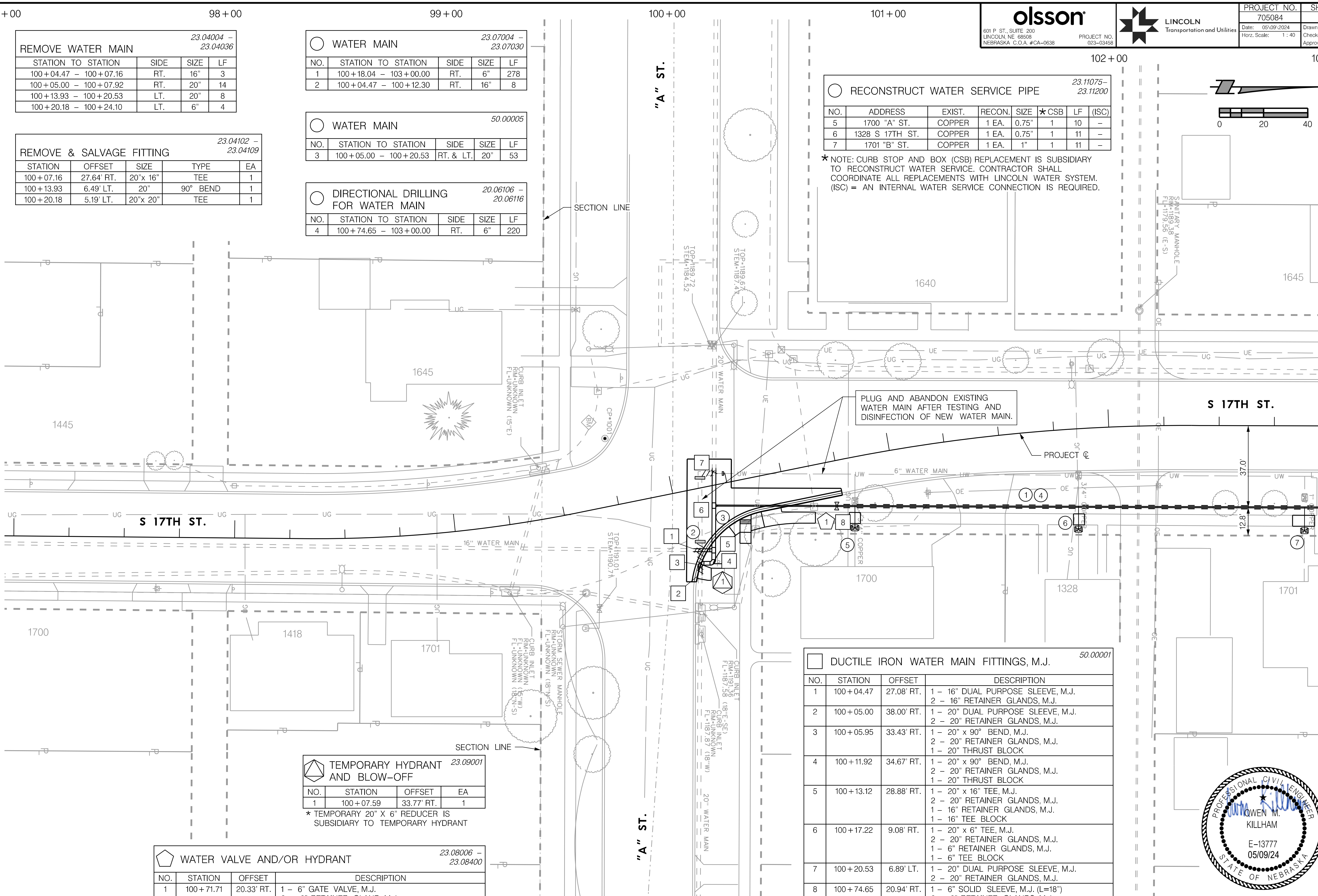
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	22
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



REMOVE WATER MAIN 23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
100+04.47 – 100+07.16	RT.	16"	3
100+05.00 – 100+07.92	RT.	20"	14
100+13.93 – 100+20.53	LT.	20"	8
100+20.18 – 100+24.10	LT.	6"	4

REMOVE & SALVAGE FITTING 23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
100+07.16	27.64' RT.	20"x 16"	TEE	1
100+13.93	6.49' LT.	20"	90° BEND	1
100+20.18	5.19' LT.	20"x 20"	TEE	1

WATER MAIN 23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	100+18.04 – 103+00.00	RT.	6"	278
2	100+04.47 – 100+12.30	RT.	16"	8

WATER MAIN 50.00005

NO.	STATION TO STATION	SIDE	SIZE	LF
3	100+05.00 – 100+20.53	RT. & LT.	20"	53

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
4	100+74.65 – 103+00.00	RT.	6"	220

RECONSTRUCT WATER SERVICE PIPE 23.11075– 23.11200

NO.	ADDRESS	EXIST.	RECON.	SIZE	★CSB	LF	(ISC)
5	1700 "A" ST.	COPPER	1 EA.	0.75"	1	10	–
6	1328 S 17TH ST.	COPPER	1 EA.	0.75"	1	11	–
7	1701 "B" ST.	COPPER	1 EA.	1"	1	11	–

★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

TEMPORARY HYDRANT AND BLOW-OFF 23.09001

NO.	STATION	OFFSET	EA
1	100+07.59	33.77' RT.	1

★ TEMPORARY 20" X 6" REDUCER IS SUBSIDIARY TO TEMPORARY HYDRANT

WATER VALVE AND/OR HYDRANT 23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	100+71.71	20.33' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J. 50.00001

NO.	STATION	OFFSET	DESCRIPTION
1	100+04.47	27.08' RT.	1 – 16" DUAL PURPOSE SLEEVE, M.J. 2 – 16" RETAINER GLANDS, M.J.
2	100+05.00	38.00' RT.	1 – 20" DUAL PURPOSE SLEEVE, M.J. 2 – 20" RETAINER GLANDS, M.J.
3	100+05.95	33.43' RT.	1 – 20" x 90° BEND, M.J. 2 – 20" RETAINER GLANDS, M.J. 1 – 20" THRUST BLOCK
4	100+11.92	34.67' RT.	1 – 20" x 90° BEND, M.J. 2 – 20" RETAINER GLANDS, M.J. 1 – 20" THRUST BLOCK
5	100+13.12	28.88' RT.	1 – 20" x 16" TEE, M.J. 2 – 20" RETAINER GLANDS, M.J. 1 – 16" RETAINER GLANDS, M.J. 1 – 16" TEE BLOCK
6	100+17.22	9.08' RT.	1 – 20" x 6" TEE, M.J. 2 – 20" RETAINER GLANDS, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK
7	100+20.53	6.89' LT.	1 – 20" DUAL PURPOSE SLEEVE, M.J. 2 – 20" RETAINER GLANDS, M.J.
8	100+74.65	20.94' RT.	1 – 6" SOLID SLEEVE, M.J. (L=18") 2 – 6" RETAINER GLANDS, M.J.

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E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

REMOVE WATER MAIN

23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
404+57.05 – 404+62.05	LT.	6"	5

REMOVE & SALVAGE HYDRANT

23.04101

STATION	OFFSET	EA
103+61.49	25.37' RT.	1
108+60.80	25.73' RT.	1

TEMPORARY HYDRANT AND BLOW-OFF

23.09001

NO.	STATION	OFFSET	EA
1	404+58.38	23.99' LT.	1

WATER MAIN

23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	103+00.00 – 109+00.00	RT.	6"	600
2	303+49.72 – 304+49.72	LT.	6"	100
3	403+49.67 – 404+36.55	LT.	6"	87
4	404+37.06 – 404+62.05	LT.	6"	29

DIRECTIONAL DRILLING FOR WATER MAIN

20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
5	103+00.00 – 103+40.00	RT.	6"	40
6	103+74.75 – 103+94.75	RT.	6"	20
7	104+00.08 – 104+35.11	RT.	6"	35
8	104+78.28 – 108+28.28	RT.	6"	350
9	108+81.29 – 109+00.00	RT.	6"	19
10	303+49.70 – 304+25.66	LT.	6"	76
11	403+49.67 – 404+29.94	LT.	6"	80

WATER VALVE AND/OR HYDRANT

23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	103+58.38	35.25' RT.	1 – HYDRANT, COMPLETE (TYPE II, L = 6.5' LT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L = 18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
2	103+63.47	37.00' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.
3	108+61.46	35.25' RT.	1 – HYDRANT, COMPLETE (TYPE II, L = 6.5' LT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L = 18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
4	108+66.55	37.00' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.
5	303+49.72	23.00' LT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.
6	304+49.72	23.00' LT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.
7	403+49.67	16.50' LT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.
8	404+49.66	23.99' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.

RECONSTRUCT WATER SERVICE PIPE

23.11075 – 23.11200

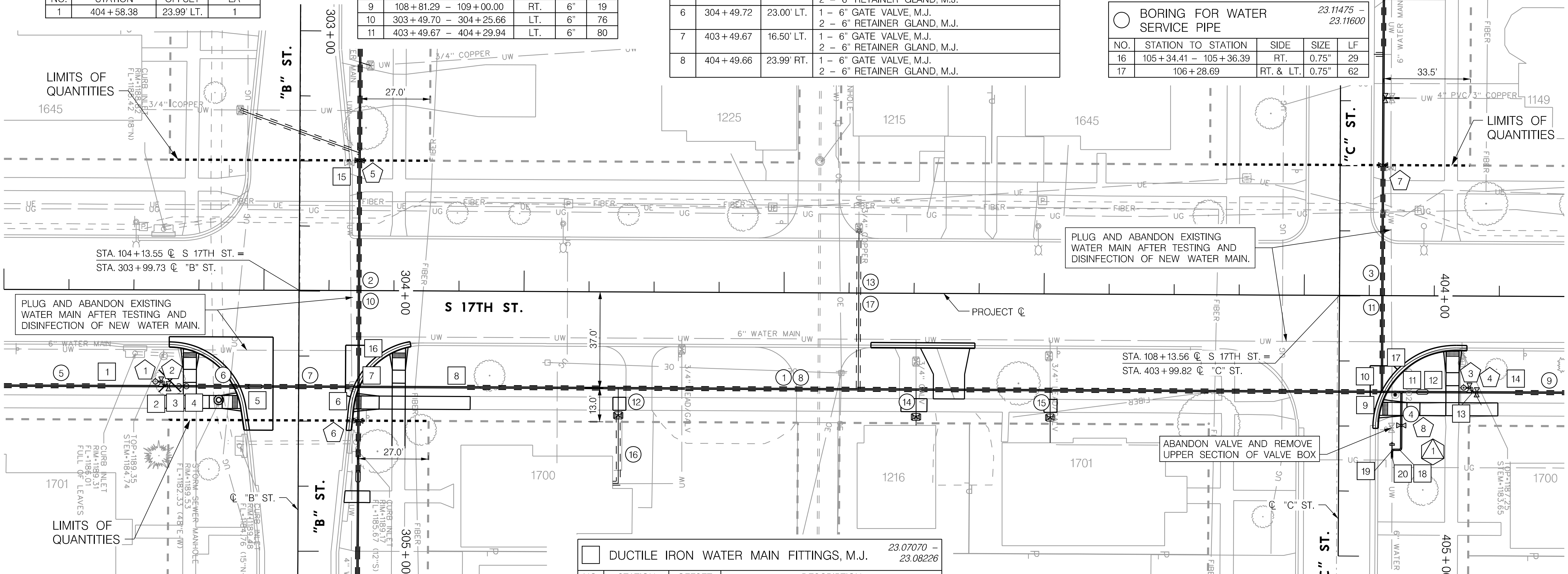
NO.	ADDRESS	EXIST.	RECON.	SIZE	* CSB	LF	(ISC)
12	1700 "B" ST.	LEAD/GALV.	1 EA.	0.75"	1	39	1
13	1215 S 17TH ST.	COPPER	1 EA.	0.75"	–	62	–
14	1216 S 17TH ST.	GALV.	1 EA.	0.75"	1	14	1
15	1701 "C" ST.	LEAD/GALV.	1 EA.	0.75"	1	21	1

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE

23.11475 – 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
16	105+34.41 – 105+36.39	RT.	0.75"	29
17	106+28.69	RT. & LT.	0.75"	62



DUCTILE IRON WATER MAIN FITTINGS, M.J.

23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	103+40.00	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
2	103+61.74	37.00' RT.	1 – 6" x 6" TEE, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHOR COUPLING (L=12"), M.J.
3	103+67.38	37.00' RT.	1 – 6" X 45° BEND M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" x 45° GRAVITY BLOCK
4	103+70.34	37.00' RT.	1 – 6" X 45° BEND M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" x 45° THRUST BLOCK
5	103+94.75	37.00' RT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
6	104+35.11	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 1 – 6" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J.

23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
7	104+36.54	37.00' RT.	1 – 6" x 6" CROSS, M.J. 4 – 6" RETAINER GLANDS, M.J.
8	104+78.28	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
9	108+28.28	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 1 – 6" RETAINER GLANDS, M.J.
10	108+30.06	37.00' RT.	1 – 6" x 6" TEE, M.J. 3 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK
11	108+37.55	37.00' RT.	1 – 6" x 6" TEE, M.J. 3 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK
12	108+43.55	37.00' RT.	1 – 6" OFFSET, 12" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
13	108+64.82	37.00' RT.	1 – 6" x 6" TEE, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHOR COUPLING (L=12"), M.J.
14	108+81.29	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J.

23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
15	303+49.72	23.00' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 1 – 6" RETAINER GLANDS, M.J.
16	304+25.66	23.00' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
17	404+29.94	16.50' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
18	404+59.05	24.00' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
19	404+59.05	20.51' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
20	404+62.05	20.51' LT.	1 – 6" DUAL PURPOSE SLEEVE (L=12"), M.J. 2 – 6" RETAINER GLANDS, M.J.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN

S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	23
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	24

Date: 05\09\2024 | Drawn: SJP
Horz. Scale: 1 : 40 | Checked: RSM
Approved: OMK

REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
112+53.59	20.24' RT.	6"	GATE VLV & BOX	1
112+53.59	21.40' RT.	6" x 90°	BEND	1

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
112+47.90 – 112+53.59	RT.	6"	8
112+53.97	RT.	6"	4

TEMPORARY HYDRANT AND BLOW-OFF
23.09001

NO.	STATION	OFFSET	EA
1	112+57.90	21.38' RT.	1

WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	109+00.00 – 115+00.00	RT.	6"	600
2	112+48.24 – 112+58.57	RT.	6"	26

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	109+00.00 – 111+31.29	RT.	6"	231
4	111+64.62 – 112+54.62	RT.	6"	90
5	112+94.62 – 115+00.00	RT.	6"	205

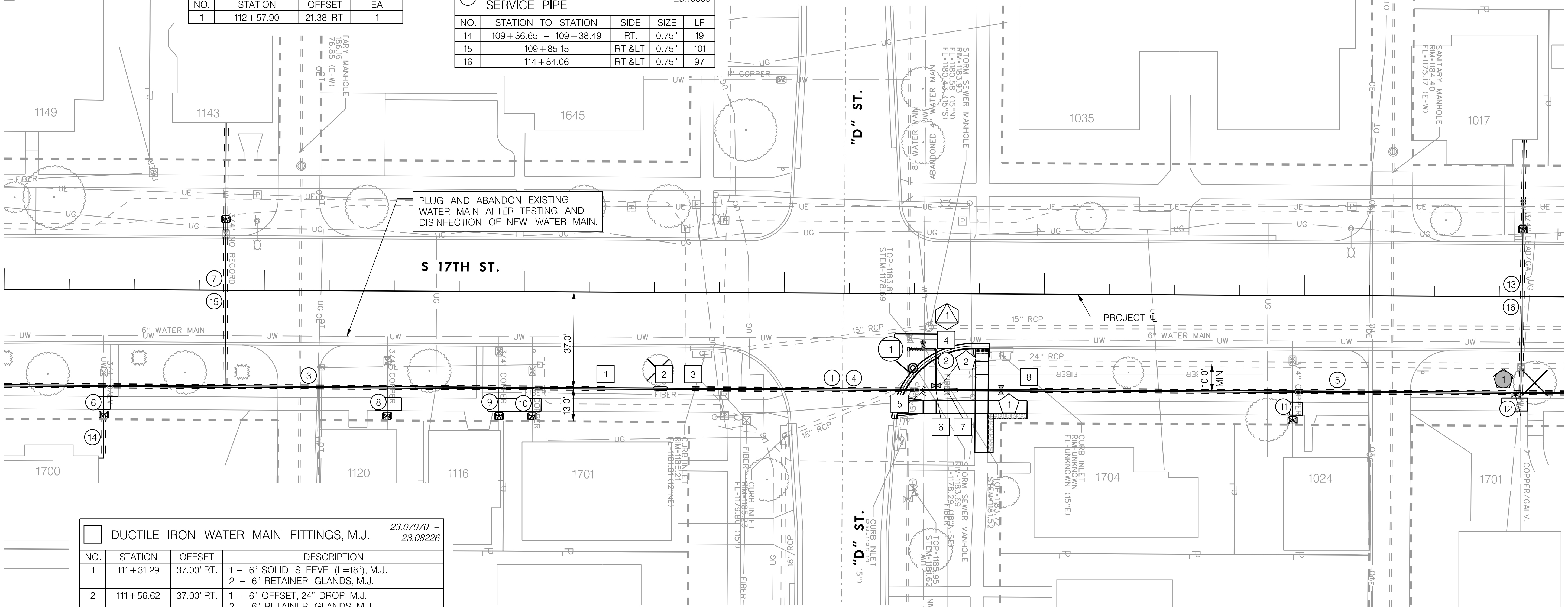
BORING FOR WATER SERVICE PIPE
23.10475 – 23.10600

NO.	STATION TO STATION	SIDE	SIZE	LF
14	109+36.65 – 109+38.49	RT.	0.75"	19
15	109+85.15	RT.&LT.	0.75"	101
16	114+84.06	RT.&LT.	0.75"	97

RECONSTRUCT WATER SERVICE PIPE
23.11075 – 23.11200

NO.	ADDRESS	EXIST.	RECON.	SIZE	★CSB	LF	(ISC)
6	1700 "C" ST.	GALV.	1 EA.	0.75"	1	30	1
7	1143 S 17TH ST.	UNKNOWN	1 EA.	0.75"	1	102	1
8	1120 S 17TH ST.	COPPER	1 EA.	0.75"	1	17	1
9	1116 S 17TH ST.	COPPER	1 EA.	0.75"	1	11	–
10	1701 "D" ST.	COPPER	1 EA.	1"	1	11	–
11	1024 S 17TH ST.	COPPER	1 EA.	0.75"	1	11	–
12	1701 "E" ST.	COP./GALV.	1 EA.	2"	–	10	–
13	1017 S 17TH ST.	COP./GALV.	1 EA.	0.75"	1	98	1

★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.



DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	111+31.29	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
2	111+56.62	37.00' RT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
3	111+64.62	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
4	112+58.57	21.38' RT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
5	112+54.62	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
6	112+58.57	37.00' RT.	1 – 6" x 6" TEE, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHOR COUPLING (L=12"), M.J.
7	112+60.61	37.00' RT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
8	112+94.62	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.

TAPPING SLEEVE & VALVE

NO.	STATION	OFFSET	DESCRIPTION
1	114+81.49	37.00' RT.	1 – 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLAND, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.

WATER VALVE AND/OR HYDRANT
23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	112+83.55	37.00' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.
2	112+58.57	35.27' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.

REMOVE & RESET FITTING
23.04112 – 23.04121

NO.	EX. STATION-OFFSET	PROP. STATION-OFFSET	SIZE	TYPE	EA
1	112+47.90 – 21.38' RT.	112+47.90 – 21.38' RT.	8" x 6"	TEE ★	1

★ NOTE: ROTATE EXISTING TEE AS NECESSARY IN PLACE.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

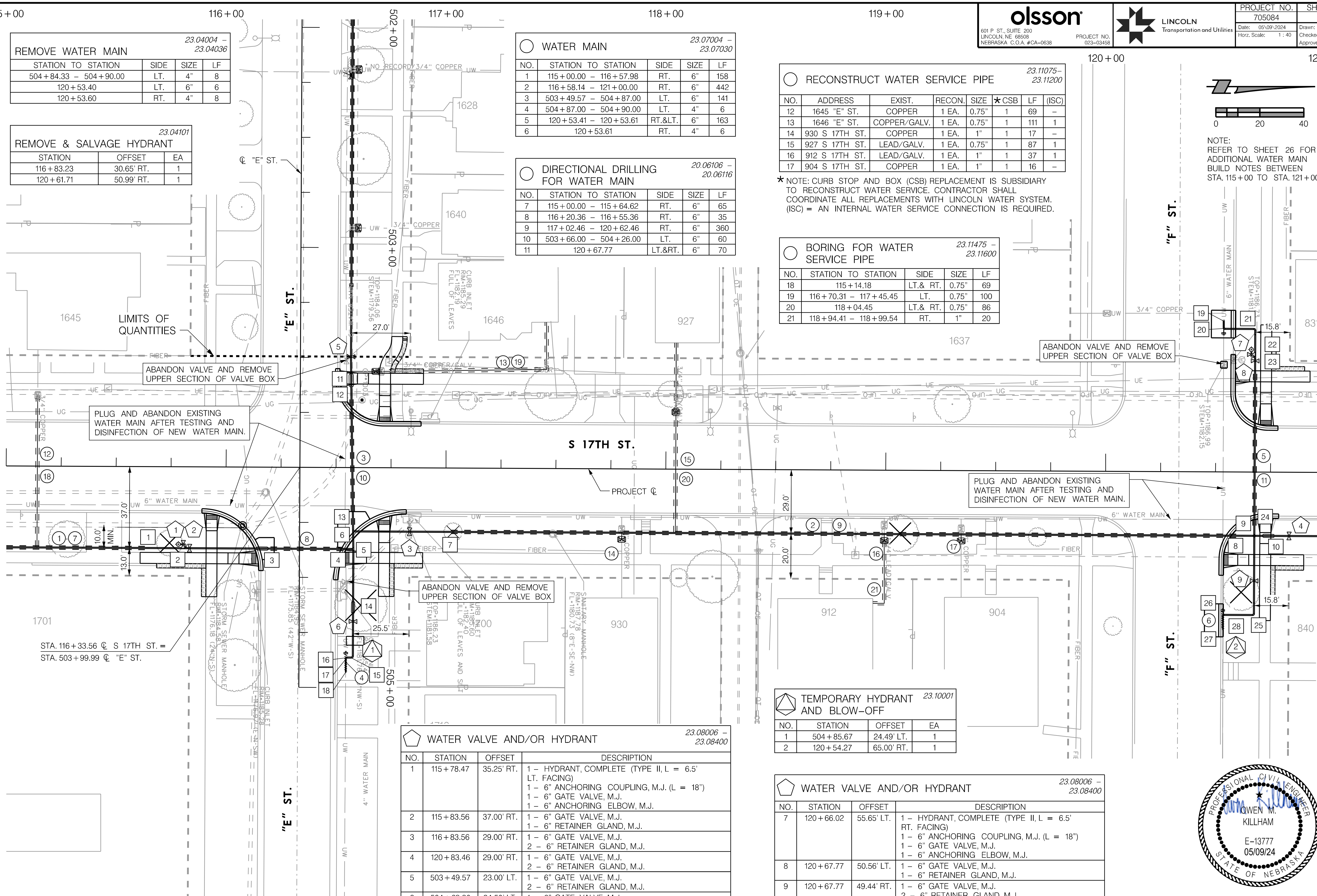
olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	25
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT04.dgn



REMOVE WATER MAIN				23.04004 – 23.04036
STATION TO STATION	SIDE	SIZE	LF	
504+84.33 – 504+90.00	LT.	4"	8	
120+53.40	LT.	6"	6	
120+53.60	RT.	4"	8	

REMOVE & SALVAGE HYDRANT		23.04101
STATION	OFFSET	EA
116+83.23	30.65' RT.	1
120+61.71	50.99' RT.	1

WATER MAIN				23.07004 – 23.07030
NO.	STATION TO STATION	SIDE	SIZE	LF
1	115+00.00 – 116+57.98	RT.	6"	158
2	116+58.14 – 121+00.00	RT.	6"	442
3	503+49.57 – 504+87.00	LT.	6"	141
4	504+87.00 – 504+90.00	LT.	4"	6
5	120+53.41 – 120+53.61	RT.&LT.	6"	163
6	120+53.61	RT.	4"	6

DIRECTIONAL DRILLING FOR WATER MAIN				20.06106 – 20.06116
NO.	STATION TO STATION	SIDE	SIZE	LF
7	115+00.00 – 115+64.62	RT.	6"	65
8	116+20.36 – 116+55.36	RT.	6"	35
9	117+02.46 – 120+62.46	RT.	6"	360
10	503+66.00 – 504+26.00	LT.	6"	60
11	120+67.77	LT.&RT.	6"	70

RECONSTRUCT WATER SERVICE PIPE							23.11075– 23.11200
NO.	ADDRESS	EXIST.	RECON.	SIZE	★CSB	LF	(ISC)
12	1645 "E" ST.	COPPER	1 EA.	0.75"	1	69	–
13	1646 "E" ST.	COPPER/GALV.	1 EA.	0.75"	1	111	1
14	930 S 17TH ST.	COPPER	1 EA.	1"	1	17	–
15	927 S 17TH ST.	LEAD/GALV.	1 EA.	0.75"	1	87	1
16	912 S 17TH ST.	LEAD/GALV.	1 EA.	1"	1	37	1
17	904 S 17TH ST.	COPPER	1 EA.	1"	1	16	–

★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE				23.11475 – 23.11600
NO.	STATION TO STATION	SIDE	SIZE	LF
18	115+14.18	LT.& RT.	0.75"	69
19	116+70.31 – 117+45.45	LT.	0.75"	100
20	118+04.45	LT.& RT.	0.75"	86
21	118+94.41 – 118+99.54	RT.	1"	20

0 20 40

NOTE:
REFER TO SHEET 26 FOR ADDITIONAL WATER MAIN BUILD NOTES BETWEEN STA. 115+00 TO STA. 121+00.

TEMPORARY HYDRANT AND BLOW-OFF			23.10001
NO.	STATION	OFFSET	EA
1	504+85.67	24.49' LT.	1
2	120+54.27	65.00' RT.	1

WATER VALVE AND/OR HYDRANT			23.08006 – 23.08400
NO.	STATION	OFFSET	DESCRIPTION
1	115+78.47	35.25' RT.	1 – HYDRANT, COMPLETE (TYPE II, L = 6.5' LT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L = 18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
2	115+83.56	37.00' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.
3	116+83.56	29.00' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.
4	120+83.46	29.00' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.
5	503+49.57	23.00' LT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.
6	504+69.90	24.50' LT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.

WATER VALVE AND/OR HYDRANT			23.08006 – 23.08400
NO.	STATION	OFFSET	DESCRIPTION
7	120+66.02	55.65' LT.	1 – HYDRANT, COMPLETE (TYPE II, L = 6.5' RT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L = 18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
8	120+67.77	50.56' LT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.
9	120+67.77	49.44' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.

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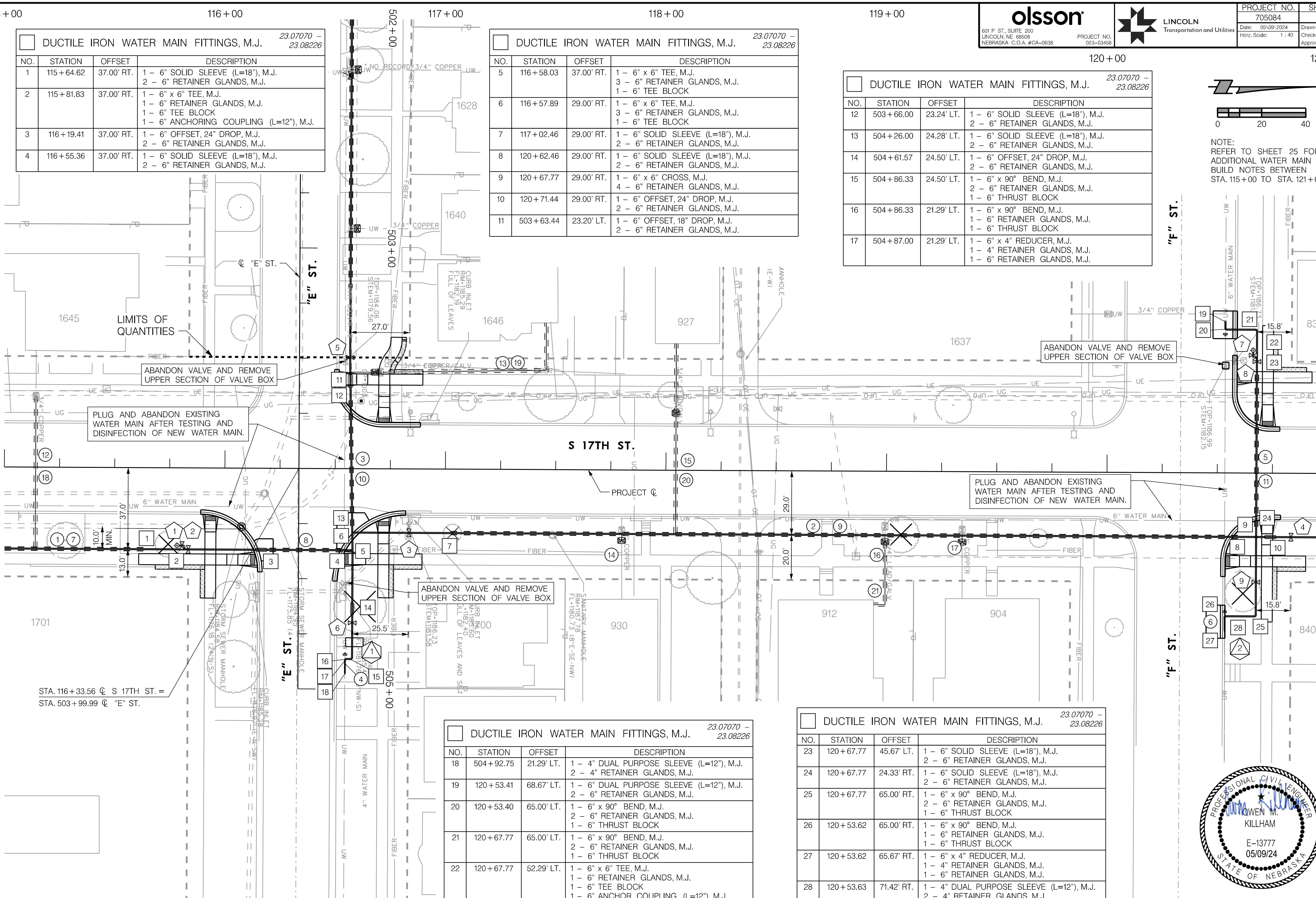
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET



DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	115+64.62	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
2	115+81.83	37.00' RT.	1 – 6" x 6" TEE, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHORING COUPLING (L=12"), M.J.
3	116+19.41	37.00' RT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
4	116+55.36	37.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
5	116+58.03	37.00' RT.	1 – 6" x 6" TEE, M.J. 3 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK
6	116+57.89	29.00' RT.	1 – 6" x 6" TEE, M.J. 3 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK
7	117+02.46	29.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
8	120+62.46	29.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
9	120+67.77	29.00' RT.	1 – 6" x 6" CROSS, M.J. 4 – 6" RETAINER GLANDS, M.J.
10	120+71.44	29.00' RT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
11	503+63.44	23.20' LT.	1 – 6" OFFSET, 18" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
12	503+66.00	23.24' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
13	504+26.00	24.28' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
14	504+61.57	24.50' LT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
15	504+86.33	24.50' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
16	504+86.33	21.29' LT.	1 – 6" x 90° BEND, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
17	504+87.00	21.29' LT.	1 – 6" x 4" REDUCER, M.J. 1 – 4" RETAINER GLANDS, M.J. 1 – 6" RETAINER GLANDS, M.J.

0 20 40

NOTE:
REFER TO SHEET 25 FOR ADDITIONAL WATER MAIN BUILD NOTES BETWEEN STA. 115+00 TO STA. 121+00.

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
18	504+92.75	21.29' LT.	1 – 4" DUAL PURPOSE SLEEVE (L=12"), M.J. 2 – 4" RETAINER GLANDS, M.J.
19	120+53.41	68.67' LT.	1 – 6" DUAL PURPOSE SLEEVE (L=12"), M.J. 2 – 6" RETAINER GLANDS, M.J.
20	120+53.40	65.00' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
21	120+67.77	65.00' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
22	120+67.77	52.29' LT.	1 – 6" x 6" TEE, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHOR COUPLING (L=12"), M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
23	120+67.77	45.67' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
24	120+67.77	24.33' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
25	120+67.77	65.00' RT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
26	120+53.62	65.00' RT.	1 – 6" x 90° BEND, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
27	120+53.62	65.67' RT.	1 – 6" x 4" REDUCER, M.J. 1 – 4" RETAINER GLANDS, M.J. 1 – 6" RETAINER GLANDS, M.J.
28	120+53.63	71.42' RT.	1 – 4" DUAL PURPOSE SLEEVE (L=12"), M.J. 2 – 4" RETAINER GLANDS, M.J.

PROFESSIONAL CIVIL ENGINEER
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05/09/24
STATE OF NEBRASKA

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT05.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	26
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

WATER MAIN PLAN
S 17TH STREET

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
124+59.75 – 124+64.44	RT.	6"	7
124+64.44	RT.	6"	3

REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
124+59.76	22.35' RT.	6"x 90°	BEND	1
124+62.16	23.00' RT.	6"	GATE VLV & BOX	1

WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	121+00.00 – 127+00.00	RT.	6"	600
2	124+64.44	RT.	6"	3
3	124+64.44 – 124+67.44	RT.	6"	9

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
4	121+14.00 – 124+54.00	RT.	6"	340
5	124+93.48 – 127+00.00	RT.	6"	207

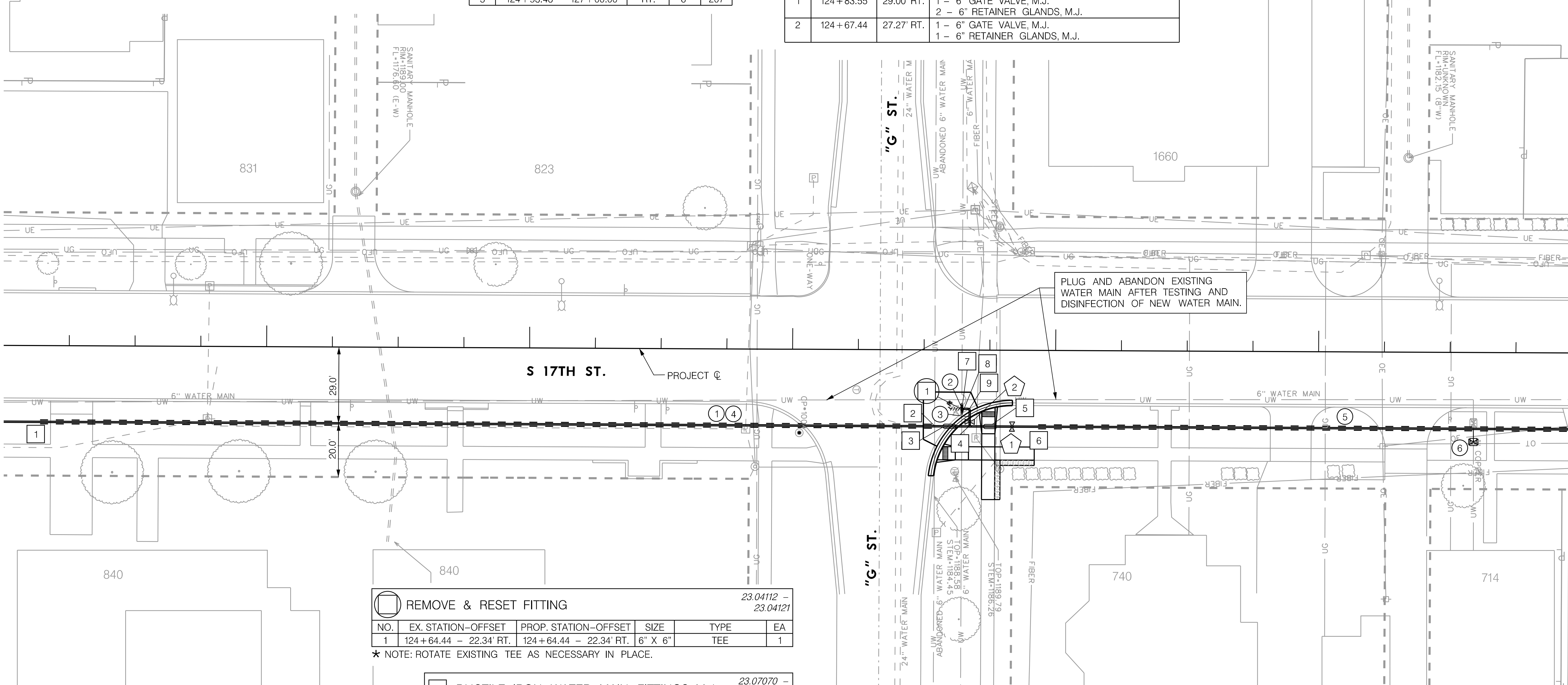
RECONSTRUCT WATER SERVICE PIPE
23.11075 – 23.11200

NO.	ADDRESS	EXIST.	RECON.	SIZE	★CSB	LF	(ISC)
6	714 S 17TH ST.	COPPER	1 EA.	1"	1	5	–

★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM.
(ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

WATER VALVE AND/OR HYDRANT
23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	124+83.55	29.00' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
2	124+67.44	27.27' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLANDS, M.J.



REMOVE & RESET FITTING
23.04112 – 23.04121

NO.	EX. STATION–OFFSET	PROP. STATION–OFFSET	SIZE	TYPE	EA
1	124+64.44 – 22.34' RT.	124+64.44 – 22.34' RT.	6" X 6"	TEE	1

★ NOTE: ROTATE EXISTING TEE AS NECESSARY IN PLACE.

DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	121+14.00	29.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
2	124+54.00	29.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
3	124+61.44	29.00' RT.	1 – 6" OFFSET, 18" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
4	124+67.44	29.00' RT.	1 – 6" x 6" TEE, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHOR COUPLING (L=12"), M.J.
5	124+73.44	29.00' RT.	1 – 6" OFFSET, 18" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
6	124+93.48	29.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
7	124+64.44	20.84' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
8	124+64.44	23.84' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
9	124+67.44	33.00' RT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
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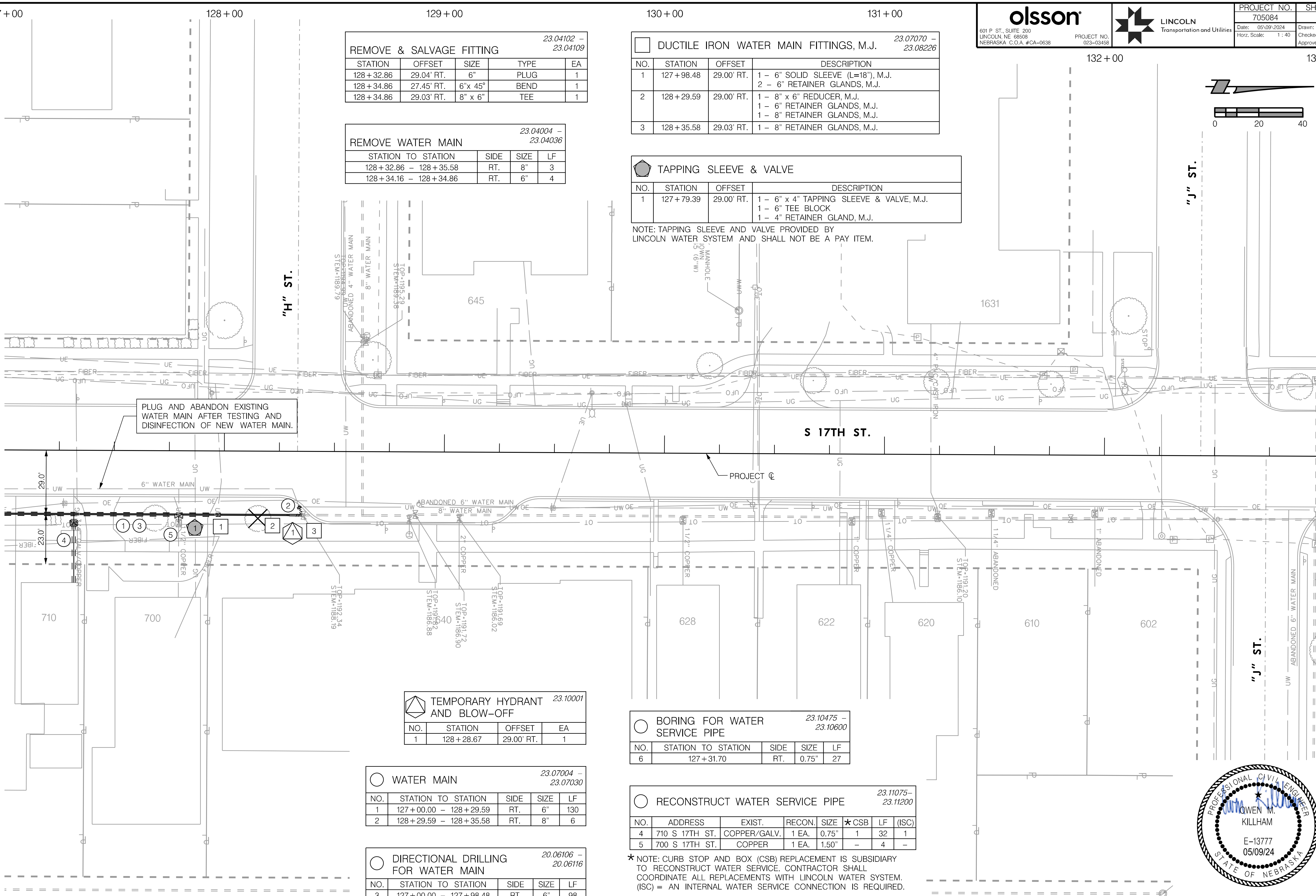
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT07.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	28
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
128+32.86	29.04' RT.	6"	PLUG	1
128+34.86	27.45' RT.	6"x 45°	BEND	1
128+34.86	29.03' RT.	8" x 6"	TEE	1

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
128+32.86 – 128+35.58	RT.	8"	3
128+34.16 – 128+34.86	RT.	6"	4

DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	127+98.48	29.00' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
2	128+29.59	29.00' RT.	1 – 8" x 6" REDUCER, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 8" RETAINER GLANDS, M.J.
3	128+35.58	29.03' RT.	1 – 8" RETAINER GLANDS, M.J.

TAPPING SLEEVE & VALVE

NO.	STATION	OFFSET	DESCRIPTION
1	127+79.39	29.00' RT.	1 – 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLAND, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.

TEMPORARY HYDRANT AND BLOW-OFF
23.10001

NO.	STATION	OFFSET	EA
1	128+28.67	29.00' RT.	1

WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	127+00.00 – 128+29.59	RT.	6"	130
2	128+29.59 – 128+35.58	RT.	8"	6

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	127+00.00 – 127+98.48	RT.	6"	98

BORING FOR WATER SERVICE PIPE
23.10475 – 23.10600

NO.	STATION TO STATION	SIDE	SIZE	LF
6	127+31.70	RT.	0.75"	27

RECONSTRUCT WATER SERVICE PIPE
23.11075– 23.11200

NO.	ADDRESS	EXIST.	RECON.	SIZE	★CSB	LF	(ISC)
4	710 S 17TH ST.	COPPER/GALV.	1 EA.	0.75"	1	32	1
5	700 S 17TH ST.	COPPER	1 EA.	1.50"	–	4	–

★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	29
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

133+00 134+00 135+00 136+00 137+00 138+00 139+00

REMOVE WATER MAIN 23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
137+17.96 – 137+23.96	RT.	8"	6
137+18.96	RT.	6"	2

REMOVE & SALVAGE FITTING 23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
137+18.96	29.02' RT.	8" x 6"	TEE	1
137+23.96	29.00' RT.	8"	PLUG	1

WATER MAIN 23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	137+17.96 – 139+00.00	RT.	8"	182

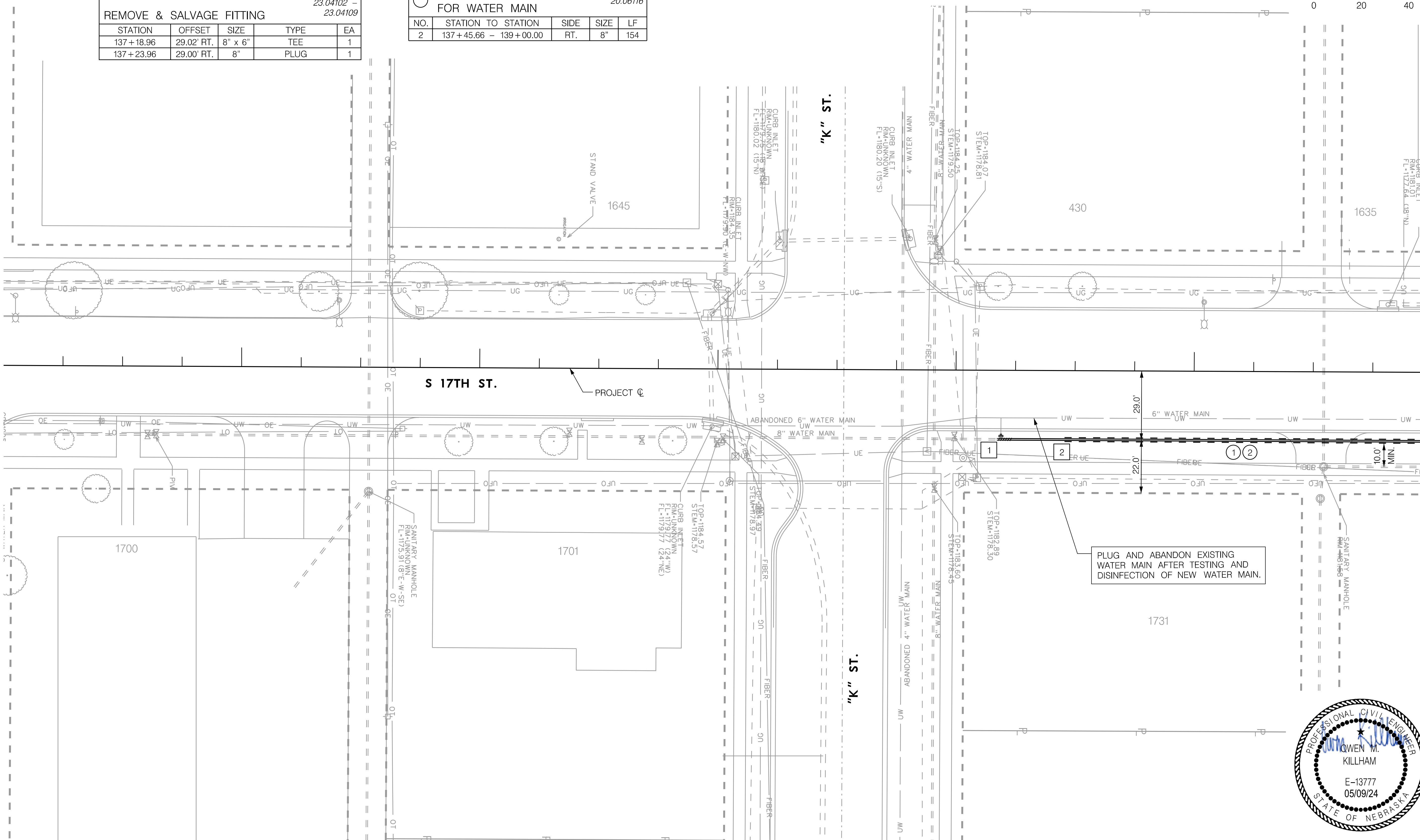
DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
2	137+45.66 – 139+00.00	RT.	8"	154

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	137+17.96	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
2	137+45.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.

0 20 40



OWEN M. KILLHAM
E-13777
05/09/24
PROFESSIONAL CIVIL ENGINEER
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05/09/2024
DGN: ...\Water Main\705084WT09.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	30

Date: 05\09\2024 Drawn: SJP
Horz. Scale: 1 : 40 Checked: RSM
Approved: OMK

139+00 140+00 141+00 142+00 143+00 144+00 145+00

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
140+75.81	RT.	4"	6
140+78.21 – 140+84.21	RT.	6"	6
140+80.80	RT.	12"	36
140+80.80 – 141+01.94	RT.	6"	21
144+23.13 – 144+27.13	RT.	6"	4

REMOVE & SALVAGE HYDRANT
23.04101

STATION	OFFSET	EA
141+01.94	49.42' RT.	1

REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
140+80.80	49.40' RT.	12" x 6"	TEE	1
140+80.83	19.61' RT.	12" x 6"	CROSS	1
140+84.21	19.78' RT.	6"	GATE VLV	1

WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	139+00.00 – 145+00.00	RT.	8"	600
2	140+80.81	RT.	12"	36
3	144+74.22 – 144+94.17	RT.	6"	61

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
4	139+00.00 – 139+45.66	RT.	8"	46
5	139+85.66 – 140+65.66	RT.	8"	80
6	141+35.66 – 143+05.66	RT.	8"	170
7	143+45.66 – 145+00.00	RT.	8"	154

RECONSTRUCT WATER SERVICE PIPE
23.11075– 23.11200

NO.	ADDRESS	EXIST.	RECON.	SIZE	★CSB	LF	(ISC)
8	1700 "L" ST.	COPPER	1 EA.	0.75"	–	4	–
9	317 S 17TH ST.	COPPER	1 EA.	1.5"	–	57	–
10	300 S 17TH ST.	COPPER	1 EA.	2"	–	3	–
11	1621 "M" ST.	FIRE LINE	1 EA.	6"	–	16	–

★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE
23.10475 – 23.10600

NO.	STATION TO STATION	SIDE	SIZE	LF
12	142+61.69	RT. & LT.	1.5"	57

TEMPORARY HYDRANT AND BLOW-OFF
23.09001

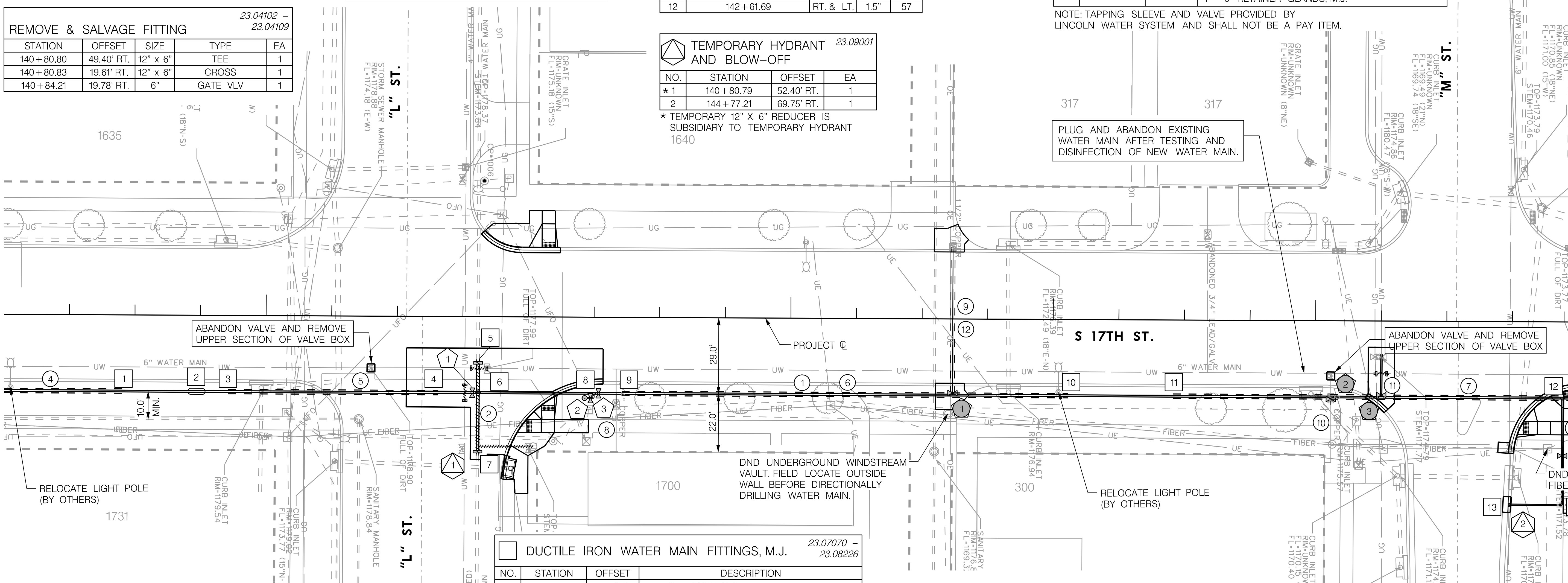
NO.	STATION	OFFSET	EA
★1	140+80.79	52.40' RT.	1
2	144+77.21	69.75' RT.	1

★ TEMPORARY 12" X 6" REDUCER IS SUBSIDIARY TO TEMPORARY HYDRANT

TAPPING SLEEVE & VALVE

NO.	STATION	OFFSET	DESCRIPTION
1	142+61.69	29.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.
2	144+05.91	29.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.
3	144+25.13	29.00' RT.	1 – 8" x 6" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 6" RETAINER GLANDS, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.



DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	139+45.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
2	139+76.86	29.00' RT.	1 – 8" OFFSET, 18" DROP, M.J. 2 – 8" RETAINER GLANDS, M.J.
3	139+85.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
4	140+65.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
5	140+80.83	16.61' RT.	1 – 12" DUAL PURPOSE SLEEVE (L=12"), M.J. 2 – 12" RETAINER GLANDS, M.J.
6	140+80.82	29.00' RT.	1 – 12" x 8" CROSS, M.J. 1 – 8" RETAINER GLANDS, M.J. 2 – 12" RETAINER GLANDS, M.J. 1 – 8" ANCHOR COUPLING (L=13"), M.J.
7	140+80.79	52.40' RT.	1 – 12" DUAL PURPOSE SLEEVE (L=12"), M.J. 2 – 12" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
8	141+24.87	29.00' RT.	1 – 8" x 6" TEE, M.J. 1 – 8" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 8" ANCHOR COUPLING (L=13"), M.J.
9	141+35.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
10	143+05.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
11	143+45.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
12	144+94.17	29.00' RT.	1 – 8" x 6" TEE, M.J. 1 – 6" RETAINER GLANDS, M.J. 3 – 8" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 8" SOLID SLEEVE (L=18"), M.J.
13	144+94.17	29.00' RT.	1 – 6" x 6" TEE, M.J. 3 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK
14	144+94.17	69.75' RT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK

WATER VALVE AND/OR HYDRANT
23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	140+78.67	29.00' RT.	1 – 8" GATE VALVE, M.J. 1 – 8" RETAINER GLAND, M.J.
2	141+21.51	30.83' RT.	1 – HYDRANT, COMPLETE (TYPE II, L = 5.5' LT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L=18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
3	141+26.77	29.00' RT.	1 – 8" GATE VALVE, M.J. 1 – 8" RETAINER GLAND, M.J.
4	144+73.97	69.75' RT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLAND, M.J.

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05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	31
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
148+71.14	RT.	6"	9
148+71.14 – 148+88.03	RT.	6"	17
148+74.34	LT.	6"	6

REMOVE & SALVAGE HYDRANT
23.04121

STATION	OFFSET	EA
145+04.07	30.59' RT.	1
148+88.03	49.53' RT.	1

REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
148+71.16	49.52' RT.	6" x 6"	TEE	1

WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	145+00.00 – 151+00.00	RT.	8"	603
2	148+71.14 – 148+74.35	LT.&RT.	6"	198

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

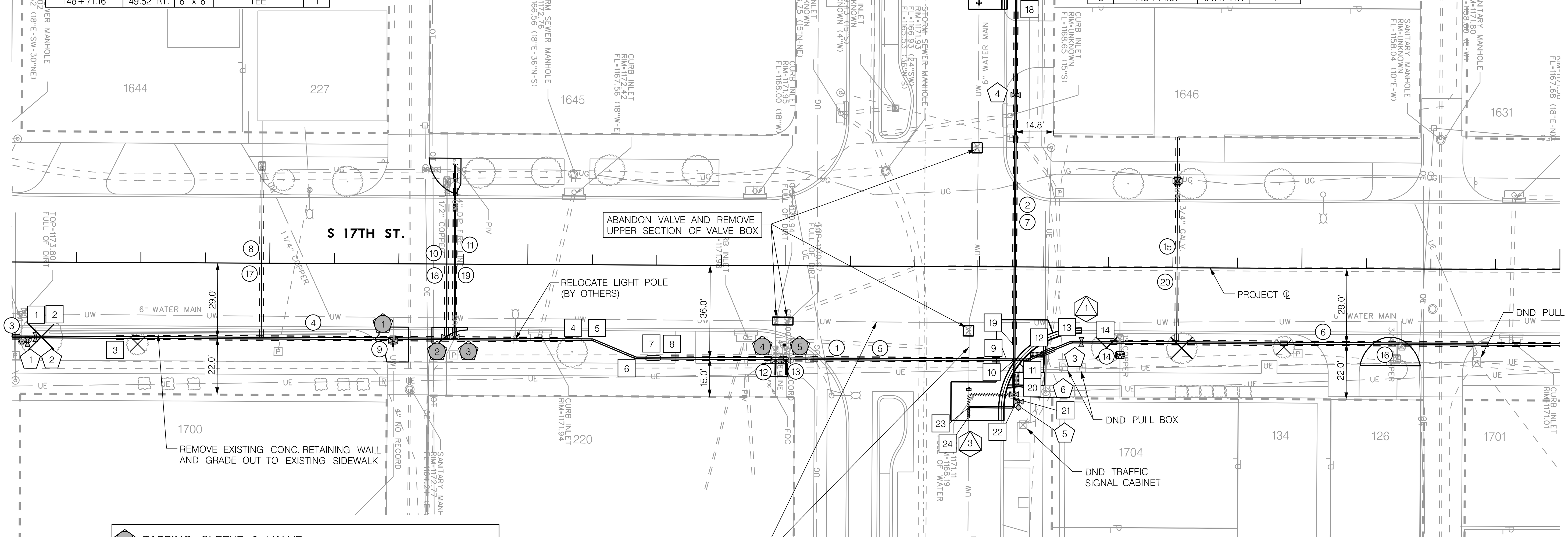
NO.	STATION TO STATION	SIDE	SIZE	LF
3	145+00.00 – 145+05.66	RT.	8"	6
4	145+40.66 – 147+20.66	RT.	8"	180
5	147+55.66 – 148+85.66	RT.	8"	130
6	149+25.67 – 151+00.00	RT.	8"	174
7	148+88.73	LT.&RT.	6"	130

BORING FOR WATER SERVICE PIPE
23.10475 – 23.10600

NO.	STATION TO STATION	SIDE	SIZE	LF
17	145+96.85	LT.&RT.	1"	67
18	146+68.57	LT.&RT.	1.5"	60
19	146+71.77	LT.&RT.	4"	67
20	149+51.65	LT.&RT.	0.75"	80

TEMPORARY HYDRANT AND BLOW-OFF
23.09001

NO.	STATION	OFFSET	EA
1	149+17.17	29.00' RT.	1
2	148+75.01	104.15' LT.	1
3	148+71.81	54.41' RT.	1



TAPPING SLEEVE & VALVE

NO.	STATION	OFFSET	DESCRIPTION
1	146+47.95	29.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.
2	146+68.57	29.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.
3	146+71.72	29.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.
4	147+96.19	36.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.
5	148+00.32	36.00' RT.	1 – 8" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.

RECONSTRUCT WATER SERVICE PIPE
23.11075– 23.11200

NO.	ADDRESS	EXIST.	RECON.	SIZE	* CSB	LF	(ISC)
8	227 S 17TH ST.	COPPER	1 EA.	1"	–	67	–
9	1700 "N" ST.	?	1 EA.	4"	–	5	–
10	1645 "N" ST.	COPPER	1 EA.	1.5"	–	60	–
11	1645 "N" ST.	FIRE LINE	1 EA.	4"	–	67	–
12	220 S 17TH ST.	FIRE LINE	1 EA.	4"	–	5	–
13	1700 "N" ST.	?	1 EA.	3"	–	5	–
14	1704 "N" ST.	COPPER	1 EA.	1"	1	5	–
15	1646 "N" ST.	GALV.	1 EA.	0.75"	1	80	1
16	126 S 17TH ST.	COPPER	1 EA.	0.75"	–	6	–

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM.
(ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

NOTE:
REFER TO SHEET 32 FOR ADDITIONAL WATER MAIN BUILD NOTES BETWEEN STA. 145+00 TO STA. 151+00.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	32
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

145+00 146+00 147+00 148+00 149+00 150+00 151+00

DUCTILE IRON WATER MAIN FITTINGS, M.J. (23.07070 – 23.08226)

NO.	STATION	OFFSET	DESCRIPTION
1	145+05.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
2	145+07.41	29.00' RT.	1 – 8" x 6" TEE, M.J. 1 – 8" RETAINER GLANDS, M.J. 1 – 8" TEE BLOCK 1 – 8" ANCHOR COUPLING (L=13"), M.J.
3	145+40.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
4	147+20.66	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
5	147+25.17	29.00' RT.	1 – 8" x 45° BEND, M.J. 2 – 8" RETAINER GLANDS, M.J. 1 – 8" THRUST BLOCK
6	147+42.07	36.00' RT.	1 – 8" x 45° BEND, M.J. 2 – 8" RETAINER GLANDS, M.J. 1 – 8" THRUST BLOCK
7	147+50.84	36.00' RT.	1 – 8" OFFSET, 24" DROP, M.J. 2 – 8" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J. (23.07070 – 23.08226)

NO.	STATION	OFFSET	DESCRIPTION
8	147+55.66	36.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
9	148+85.66	36.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
10	148+88.73	36.00' RT.	1 – 8" x 6" CROSS, M.J. 2 – 6" RETAINER GLANDS, M.J. 2 – 8" RETAINER GLANDS, M.J.
11	148+93.85	36.00' RT.	1 – 8" x 45° BEND, M.J. 2 – 8" RETAINER GLANDS, M.J. 1 – 8" THRUST BLOCK
12	148+99.82	33.53' RT.	1 – 8" OFFSET, 24" DROP, M.J. 2 – 8" RETAINER GLANDS, M.J.
13	149+10.75	29.00' RT.	1 – 8" x 45° BEND, M.J. 2 – 8" RETAINER GLANDS, M.J. 1 – 8" THRUST BLOCK
14	149+25.67	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.

DUCTILE IRON WATER MAIN FITTINGS, M.J. (23.07070 – 23.08226)

NO.	STATION	OFFSET	DESCRIPTION
15	148+75.35	107.81' LT.	1 – 6" DUAL PURPOSE SLEEVE (L=12), M.J. 2 – 6" RETAINER GLANDS, M.J.
16	148+74.34	104.15' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
17	148+88.73	104.15' LT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
18	148+88.73	99.81' LT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.

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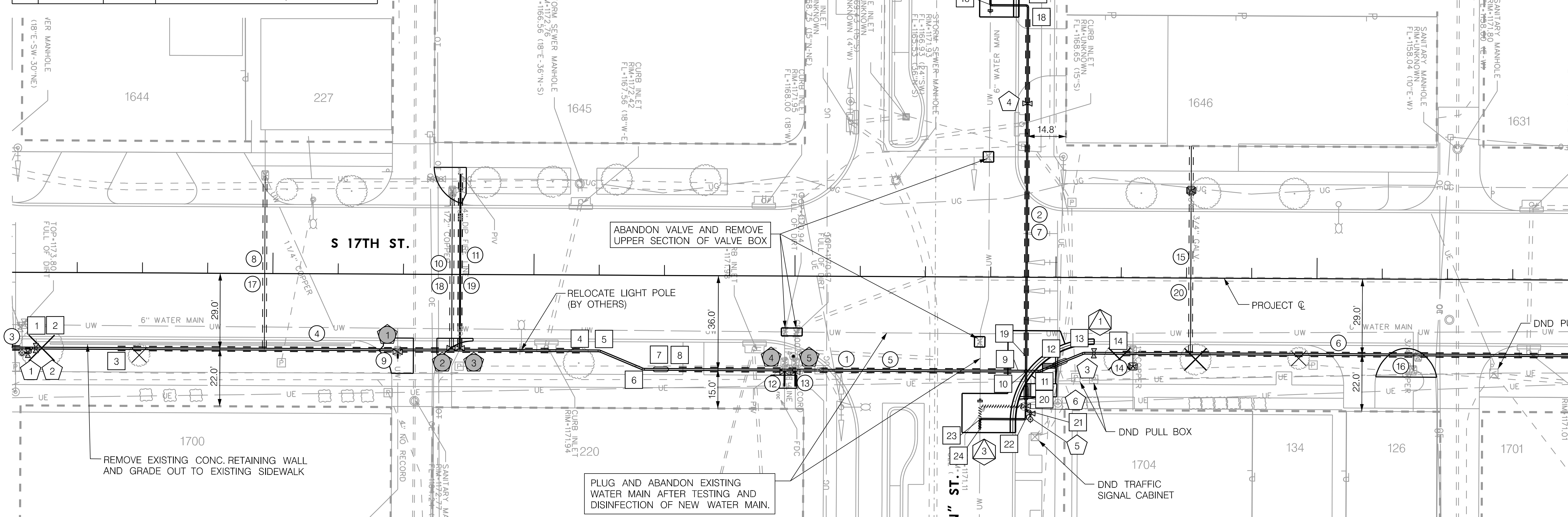

DUCTILE IRON WATER MAIN FITTINGS, M.J. (23.07070 – 23.08226)

NO.	STATION	OFFSET	DESCRIPTION
19	148+88.73	30.19' RT.	1 – 6" SOLID SLEEVE (L=18"), M.J. 2 – 6" RETAINER GLANDS, M.J.
20	148+88.72	42.35' RT.	1 – 6" OFFSET, 24" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
21	148+88.72	51.08' RT.	1 – 6" x 6" TEE, M.J. 1 – 6" RETAINER GLANDS, M.J. 1 – 6" TEE BLOCK 1 – 6" ANCHOR COUPLING (L=12"), M.J.
22	148+88.73	54.41' RT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
23	148+71.14	54.14' RT.	1 – 6" x 90° BEND, M.J. 2 – 6" RETAINER GLANDS, M.J. 1 – 6" THRUST BLOCK
24	148+71.14	58.08' RT.	1 – 6" DUAL PURPOSE SLEEVE (L=12), M.J. 2 – 6" RETAINER GLANDS, M.J.

WATER VALVE AND/OR HYDRANT (23.08006 – 23.08400)

NO.	STATION	OFFSET	DESCRIPTION
1	145+04.05	30.83' RT.	1 – HYDRANT, COMPLETE (TYPE II, L = 6.5' LT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L = 18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
2	145+09.31	29.00' RT.	1 – 8" GATE VALVE, M.J. 1 – 8" RETAINER GLAND, M.J.
3	149+14.69	29.00' RT.	1 – 8" GATE VALVE, M.J. 2 – 8" RETAINER GLAND, M.J.
4	148+88.72	66.58' LT.	1 – 6" GATE VALVE, M.J. 3 – 6" RETAINER GLAND, M.J. 1 – 6" SOLID SLEEVE (L=18"), M.J.
5	148+90.47	54.44' RT.	1 – HYDRANT, COMPLETE (TYPE II, L = 6.5' LT. FACING) 1 – 6" ANCHORING COUPLING, M.J. (L = 18") 1 – 6" GATE VALVE, M.J. 1 – 6" ANCHORING ELBOW, M.J.
6	148+88.72	49.35' RT.	1 – 6" GATE VALVE, M.J. 1 – 6" RETAINER GLAND, M.J.

NOTE:
REFER TO SHEET 31 FOR ADDITIONAL WATER MAIN BUILD NOTES BETWEEN STA. 145+00 TO STA. 151+00.

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT12.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
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PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	33

Date: 05\09\2024 Drawn: SJP
Horz. Scale: 1 : 40 Checked: RSM
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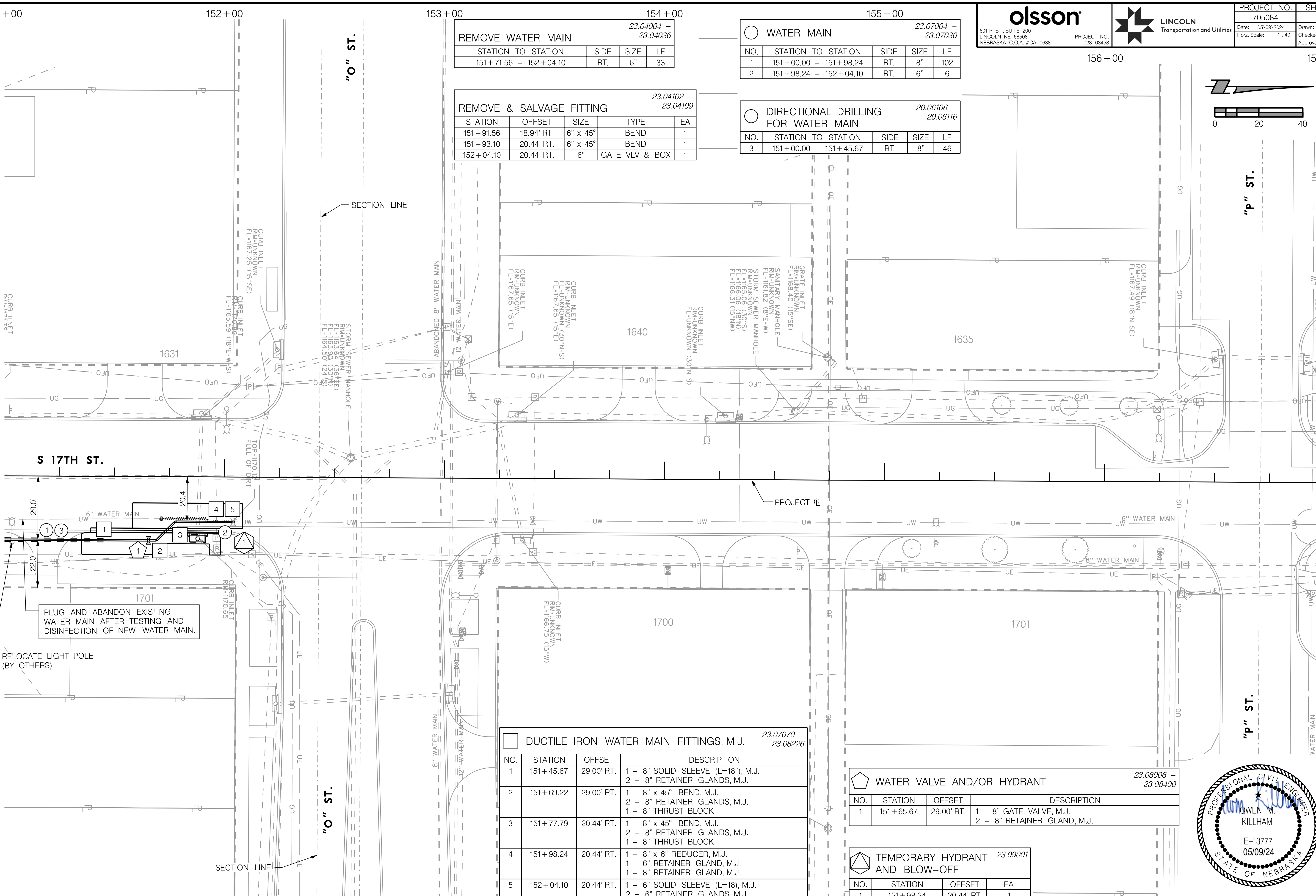


REMOVE WATER MAIN 23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
151+71.56 – 152+04.10	RT.	6"	33

REMOVE & SALVAGE FITTING 23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
151+91.56	18.94' RT.	6" x 45°	BEND	1
151+93.10	20.44' RT.	6" x 45°	BEND	1
152+04.10	20.44' RT.	6"	GATE VLV & BOX	1

WATER MAIN 23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	151+00.00 – 151+98.24	RT.	8"	102
2	151+98.24 – 152+04.10	RT.	6"	6

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	151+00.00 – 151+45.67	RT.	8"	46

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	151+45.67	29.00' RT.	1 – 8" SOLID SLEEVE (L=18"), M.J. 2 – 8" RETAINER GLANDS, M.J.
2	151+69.22	29.00' RT.	1 – 8" x 45° BEND, M.J. 2 – 8" RETAINER GLANDS, M.J. 1 – 8" THRUST BLOCK
3	151+77.79	20.44' RT.	1 – 8" x 45° BEND, M.J. 2 – 8" RETAINER GLANDS, M.J. 1 – 8" THRUST BLOCK
4	151+98.24	20.44' RT.	1 – 8" x 6" REDUCER, M.J. 1 – 6" RETAINER GLAND, M.J. 1 – 8" RETAINER GLAND, M.J.
5	152+04.10	20.44' RT.	1 – 6" SOLID SLEEVE (L=18), M.J. 2 – 6" RETAINER GLANDS, M.J.

WATER VALVE AND/OR HYDRANT 23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	151+65.67	29.00' RT.	1 – 8" GATE VALVE, M.J. 2 – 8" RETAINER GLAND, M.J.

TEMPORARY HYDRANT AND BLOW-OFF 23.09001

NO.	STATION	OFFSET	EA
1	151+98.24	20.44' RT.	1

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
N 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT13.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

LINCOLN Transportation and Utilities

PROJECT NO. 023-03458

PROJECT NO.	SHEET NO.
705084	34

Date: 05\09\2024 | Drawn: SJP
Horz. Scale: 1 : 40 | Checked: RSM
Approved: OMK

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
300+75.72 – 300+78.68	LT.	6"	7

REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
300+76.66	23' LT.	6" x 90°	BEND	1
300+76.66	19' LT.	6" x 90°	BEND	1

WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	300+75.72 – 303+49.72	LT.	6"	274
2	304+49.72 – 305+00.00	LT.	6"	51

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

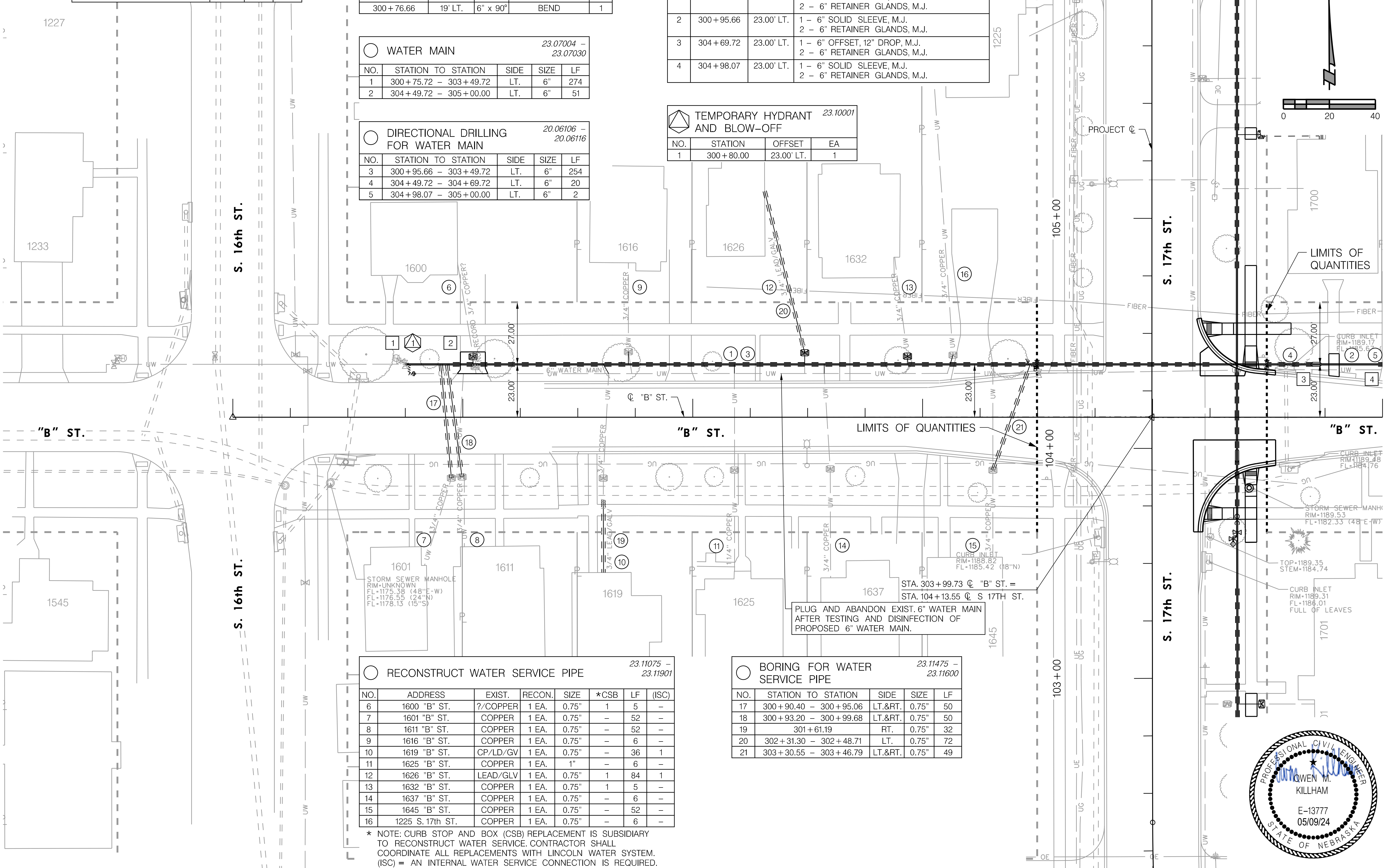
NO.	STATION TO STATION	SIDE	SIZE	LF
3	300+95.66 – 303+49.72	LT.	6"	254
4	304+49.72 – 304+69.72	LT.	6"	20
5	304+98.07 – 305+00.00	LT.	6"	2

DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	300+75.72	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
2	300+95.66	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
3	304+69.72	23.00' LT.	1 – 6" OFFSET, 12" DROP, M.J. 2 – 6" RETAINER GLANDS, M.J.
4	304+98.07	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.

TEMPORARY HYDRANT AND BLOW-OFF
23.10001

NO.	STATION	OFFSET	EA
1	300+80.00	23.00' LT.	1



RECONSTRUCT WATER SERVICE PIPE
23.11075 – 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
6	1600 "B" ST.	?/COPPER	1 EA.	0.75"	1	5	–
7	1601 "B" ST.	COPPER	1 EA.	0.75"	–	52	–
8	1611 "B" ST.	COPPER	1 EA.	0.75"	–	52	–
9	1616 "B" ST.	COPPER	1 EA.	0.75"	–	6	–
10	1619 "B" ST.	CP/LD/GV	1 EA.	0.75"	–	36	1
11	1625 "B" ST.	COPPER	1 EA.	1"	–	6	–
12	1626 "B" ST.	LEAD/GLV	1 EA.	0.75"	1	84	1
13	1632 "B" ST.	COPPER	1 EA.	0.75"	1	5	–
14	1637 "B" ST.	COPPER	1 EA.	0.75"	–	6	–
15	1645 "B" ST.	COPPER	1 EA.	0.75"	–	52	–
16	1225 S. 17th ST.	COPPER	1 EA.	0.75"	–	6	–

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM.
(ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE
23.11475 – 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
17	300+90.40 – 300+95.06	LT.&RT.	0.75"	50
18	300+93.20 – 300+99.68	LT.&RT.	0.75"	50
19	301+61.19	RT.	0.75"	32
20	302+31.30 – 302+48.71	LT.	0.75"	72
21	303+30.55 – 303+46.79	LT.&RT.	0.75"	49

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
"B" STREET

PROJECT NO.	SHEET NO.
705084	35

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

Date: 05\09\2024
Horz. Scale: 1 : 40
Drawn: SJP
Checked: RSM
Approved: OMK

305+00 306+00 307+00

RECONSTRUCT WATER SERVICE PIPE
23.11075 – 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
4	1710 "B" ST.	LEAD	1 EA.	0.75"	1	38	1
5	1711 "B" ST.	COPPER	1 EA.	0.75"	–	5	–
6	1716 "B" ST.	COPPER	1 EA.	0.75"	1	5	–
7	1727 "B" ST.	COPPER	1 EA.	1"	–	5	–
8	1730 "B" ST.	COPPER	1 EA.	1.50"	–	6	–
9	1737 "B" ST.	COPPER	1 EA.	0.75"	–	5	–
10	1745 "B" ST.	COPPER	1 EA.	0.75"	–	5	–

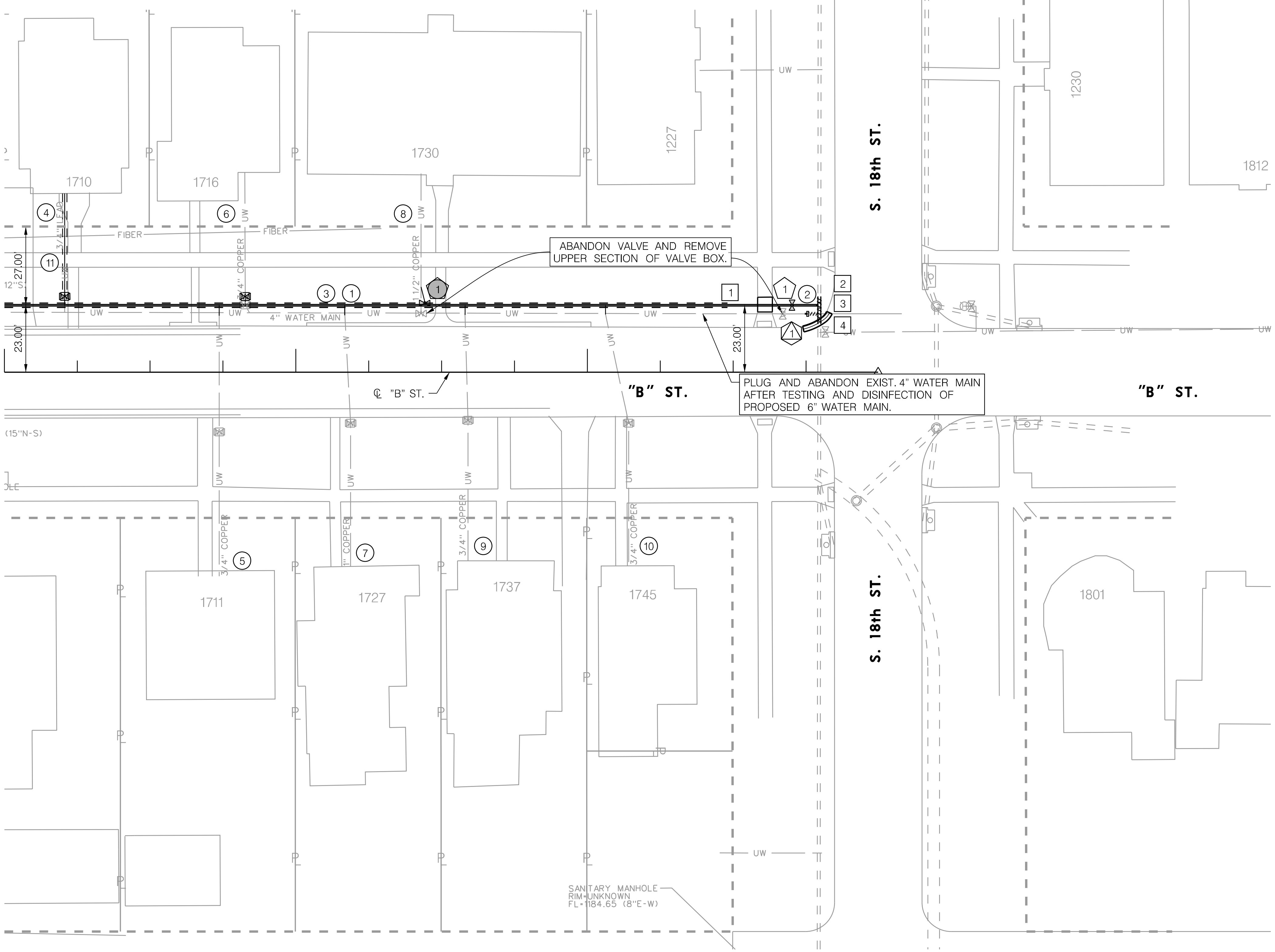
* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE
23.11475 – 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
11	305+20.70	LT.	0.75"	34

TEMPORARY HYDRANT AND BLOW-OFF
23.10001

NO.	STATION	OFFSET	EA
1	307+75.00	23.00' LT.	1



WATER MAIN
23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	305+00.00 – 307+79.07	LT.	6"	280
2	307+79.56	LT.	12"	9

DIRECTIONAL DRILLING FOR WATER MAIN
20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	305+00.00 – 307+48.07	LT.	6"	248

REMOVE WATER MAIN
23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
307+75.56 – 307+79.56	LT.	4"	4
307+79.56	LT.	12"	9

REMOVE & SALVAGE FITTING
23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
307+79.56	20' LT.	12" x 4"	CROSS	1

DUCTILE IRON WATER MAIN FITTINGS, M.J.
23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	307+48.07	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
2	307+79.57	26.00' LT.	1 – 12" DUAL PURPOSE SLEEVE, M.J. 2 – 12" RETAINER GLANDS, M.J.
3	307+79.57	23.00' LT.	1 – 12" x 6" TEE, M.J; 1 – 6" TEE BLOCK 2 – 12" RETAINER GLANDS, M.J. 1 – 6" RETAINER GLANDS, M.J.
4	307+79.56	17.00' LT.	1 – 12" DUAL PURPOSE SLEEVE, M.J. 2 – 12" RETAINER GLANDS, M.J.

WATER VALVE AND/OR HYDRANT
23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	307+70.20	23.00' LT.	1 – 6" GATE VALVE, M.J. 2 – 6" RETAINER GLANDS, M.J.

TAPPING SLEEVE & VALVE

NO.	STATION	OFFSET	DESCRIPTION
1	306+44.20	23.00' LT.	1 – 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.

0 20 40

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PLAN
"B" STREET

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	36
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK

REMOVE WATER MAIN 23.04004 – 23.04036

STATION TO STATION	SIDE	SIZE	LF
400+77.06 – 400+80.05	LT.	6"	6

REMOVE & SALVAGE FITTING 23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
400+78.06	16.5' LT.	6" x 90°	BEND	1
400+78.06	19.5' LT.	6" x 90°	BEND	1
403+23.85	19.8' LT.	6" x 4"	TAP SLV & VALVE	1

WATER MAIN 23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	400+77.06 – 403+49.67	LT.	6"	273

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 – 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
2	401+06.18 – 403+06.18	LT.	6"	200

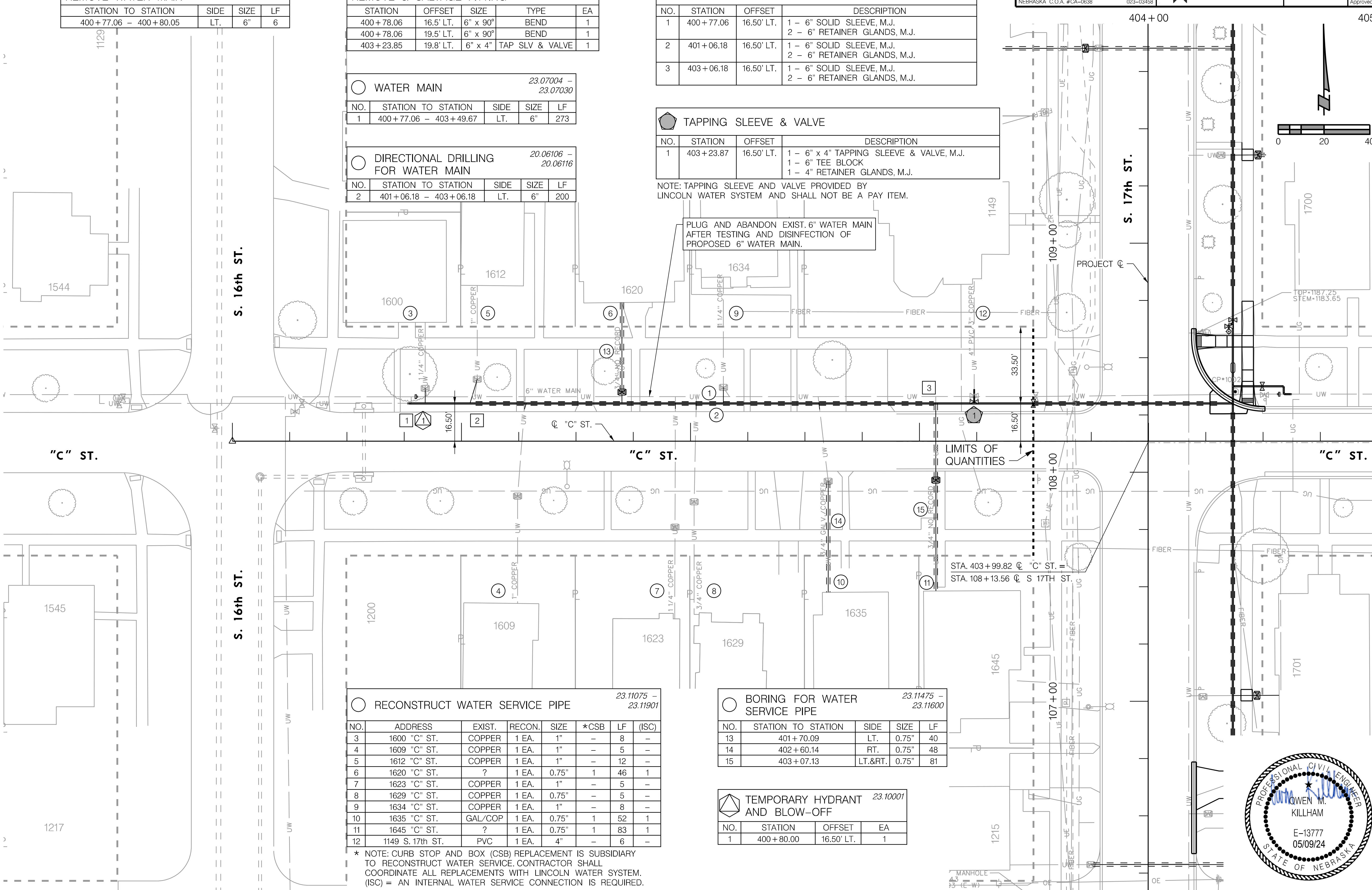
DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	400+77.06	16.50' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
2	401+06.18	16.50' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
3	403+06.18	16.50' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.

TAPPING SLEEVE & VALVE

NO.	STATION	OFFSET	DESCRIPTION
1	403+23.87	16.50' LT.	1 – 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.



RECONSTRUCT WATER SERVICE PIPE 23.11075 – 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
3	1600 "C" ST.	COPPER	1 EA.	1"	–	8	–
4	1609 "C" ST.	COPPER	1 EA.	1"	–	5	–
5	1612 "C" ST.	COPPER	1 EA.	1"	–	12	–
6	1620 "C" ST.	?	1 EA.	0.75"	1	46	1
7	1623 "C" ST.	COPPER	1 EA.	1"	–	5	–
8	1629 "C" ST.	COPPER	1 EA.	0.75"	–	5	–
9	1634 "C" ST.	COPPER	1 EA.	1"	–	8	–
10	1635 "C" ST.	GAL/COP	1 EA.	0.75"	1	52	1
11	1645 "C" ST.	?	1 EA.	0.75"	1	83	1
12	1149 S. 17th ST.	PVC	1 EA.	4"	–	6	–

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE 23.11475 – 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
13	401+70.09	LT.	0.75"	40
14	402+60.14	RT.	0.75"	48
15	403+07.13	LT.&RT.	0.75"	81

TEMPORARY HYDRANT AND BLOW-OFF 23.10001

NO.	STATION	OFFSET	EA
1	400+80.00	16.50' LT.	1

PROFESSIONAL CIVIL ENGINEER OWEN M. KILLHAM E-13777 05/09/24 STATE OF NEBRASKA

WATER MAIN PLAN
"C" STREET

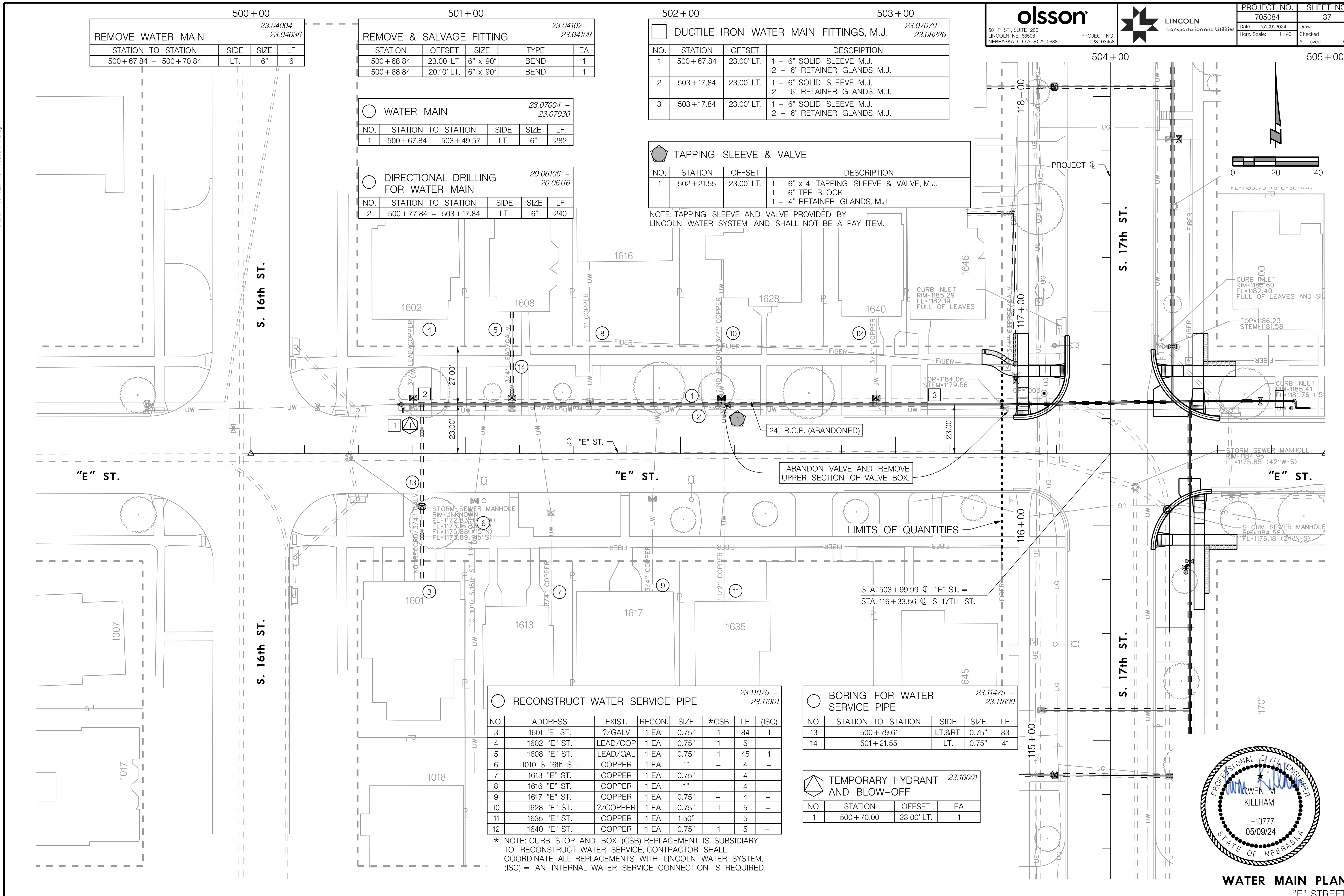
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ..\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ..\Water Main\705084WT16.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	37
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: OMK



REMOVE WATER MAIN				23.04004 – 23.04036
STATION TO STATION	SIDE	SIZE	LF	
500+67.84 – 500+70.84	LT.	6"	6	

REMOVE & SALVAGE FITTING 23.04102 – 23.04109				
STATION	OFFSET	SIZE	TYPE	EA
500+68.84	23.00' LT.	6" x 90°	BEND	1
500+68.84	20.10' LT.	6" x 90°	BEND	1

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 – 23.08226			
NO.	STATION	OFFSET	DESCRIPTION
1	500+67.84	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
2	503+17.84	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.
3	503+17.84	23.00' LT.	1 – 6" SOLID SLEEVE, M.J. 2 – 6" RETAINER GLANDS, M.J.

WATER MAIN 23.07004 – 23.07030				
NO.	STATION TO STATION	SIDE	SIZE	LF
1	500+67.84 – 503+49.57	LT.	6"	282

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 – 20.06116				
NO.	STATION TO STATION	SIDE	SIZE	LF
2	500+77.84 – 503+17.84	LT.	6"	240

TAPPING SLEEVE & VALVE			
NO.	STATION	OFFSET	DESCRIPTION
1	502+21.55	23.00' LT.	1 – 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 – 6" TEE BLOCK 1 – 4" RETAINER GLANDS, M.J.

NOTE: TAPPING SLEEVE AND VALVE PROVIDED BY LINCOLN WATER SYSTEM AND SHALL NOT BE A PAY ITEM.

RECONSTRUCT WATER SERVICE PIPE 23.11075 – 23.11901							
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
3	1601 "E" ST.	?/GALV	1 EA.	0.75"	1	84	1
4	1602 "E" ST.	LEAD/COP	1 EA.	0.75"	1	5	–
5	1608 "E" ST.	LEAD/GALV	1 EA.	0.75"	1	45	1
6	1010 S. 16th ST.	COPPER	1 EA.	1"	–	4	–
7	1613 "E" ST.	COPPER	1 EA.	0.75"	–	4	–
8	1616 "E" ST.	COPPER	1 EA.	1"	–	4	–
9	1617 "E" ST.	COPPER	1 EA.	0.75"	–	4	–
10	1628 "E" ST.	?/COPPER	1 EA.	0.75"	1	5	–
11	1635 "E" ST.	COPPER	1 EA.	1.50"	–	5	–
12	1640 "E" ST.	COPPER	1 EA.	0.75"	1	5	–

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE 23.11475 – 23.11600				
NO.	STATION TO STATION	SIDE	SIZE	LF
13	500+79.61	LT.&RT.	0.75"	83
14	501+21.55	LT.	0.75"	41

TEMPORARY HYDRANT AND BLOW-OFF 23.10001			
NO.	STATION	OFFSET	EA
1	500+70.00	23.00' LT.	1

PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

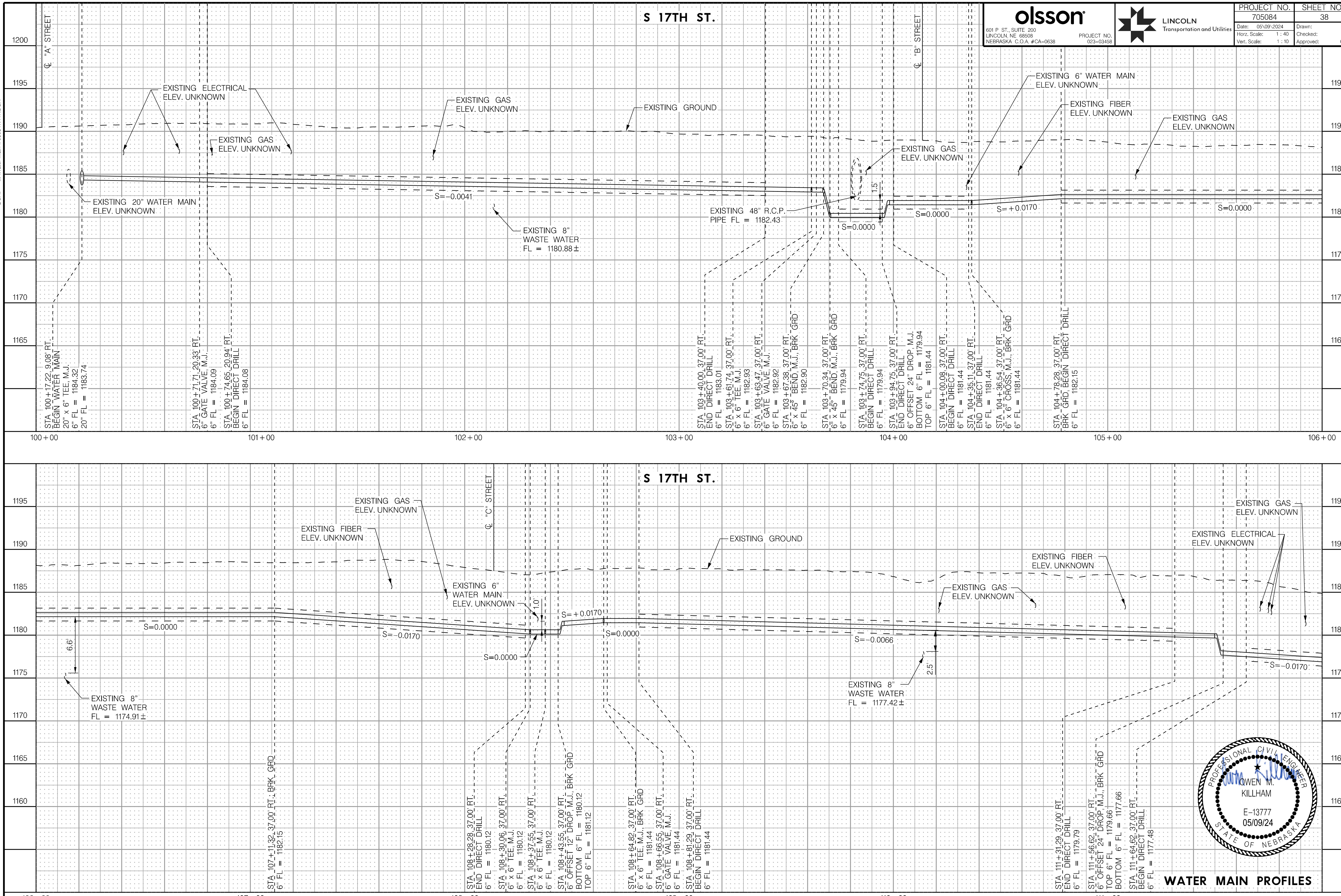
WATER MAIN PLAN
"E" STREET

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

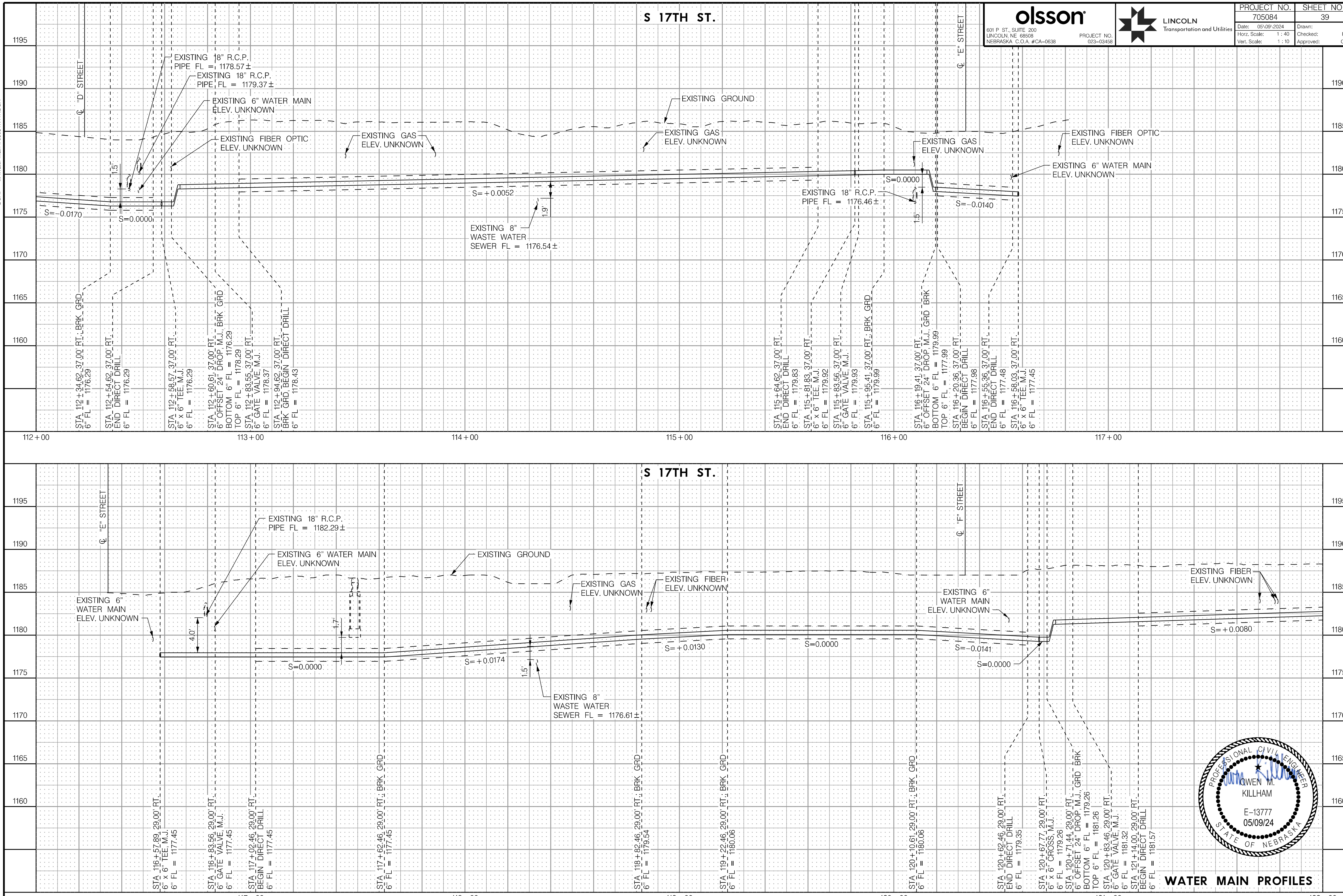
PROJECT NO.	SHEET NO.
705084	38
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
Vert. Scale: 1 : 10	Approved: OMK



WATER MAIN PROFILES

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084W117.DGN

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24



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USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084W117.DGN

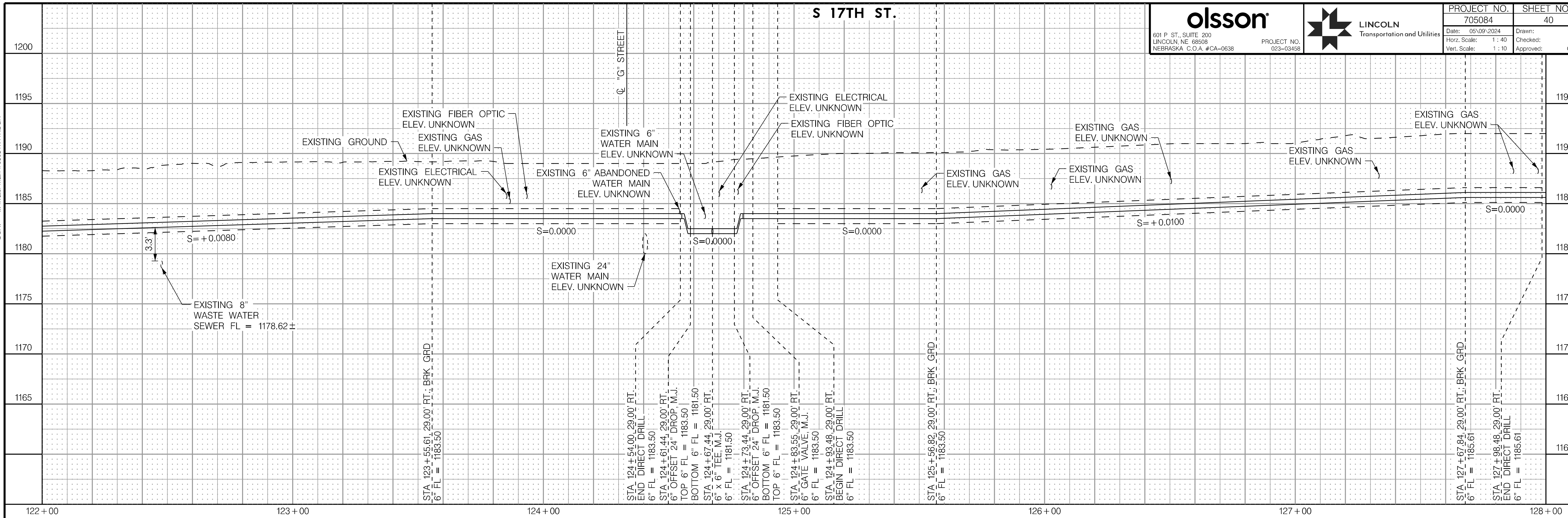
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

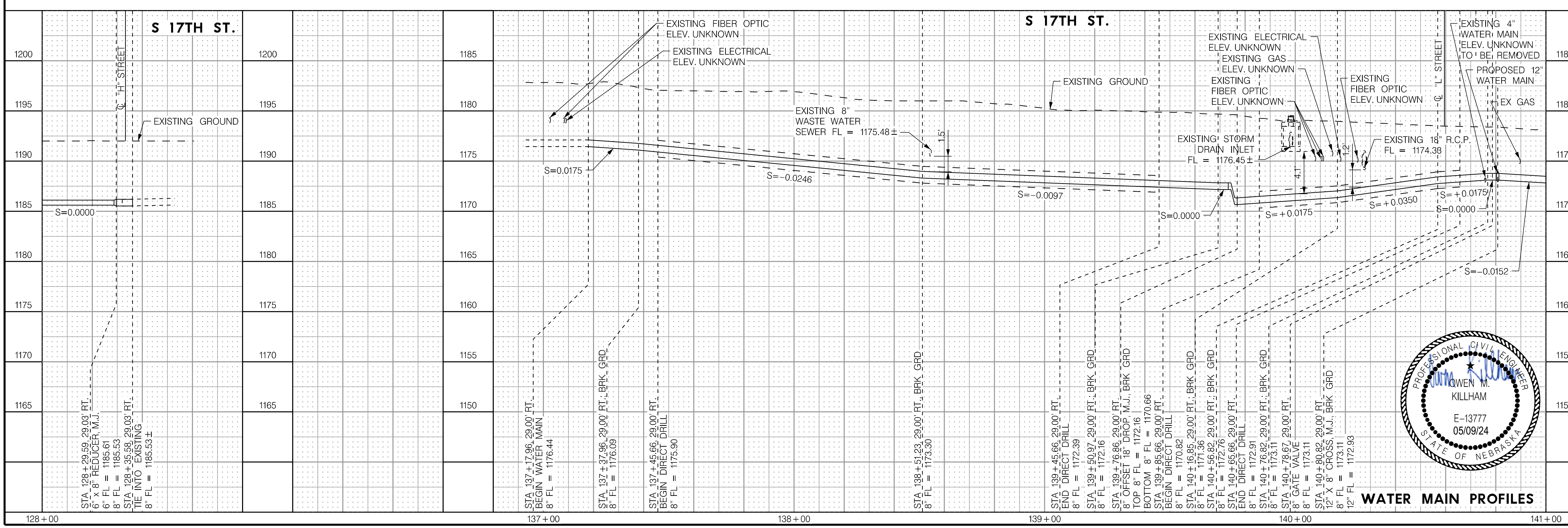
olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	40

Date:	05\09\2024	Drawn:	SJP
Horz. Scale:	1 : 40	Checked:	RSM
Vert. Scale:	1 : 10	Approved:	OMK





PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PROFILES

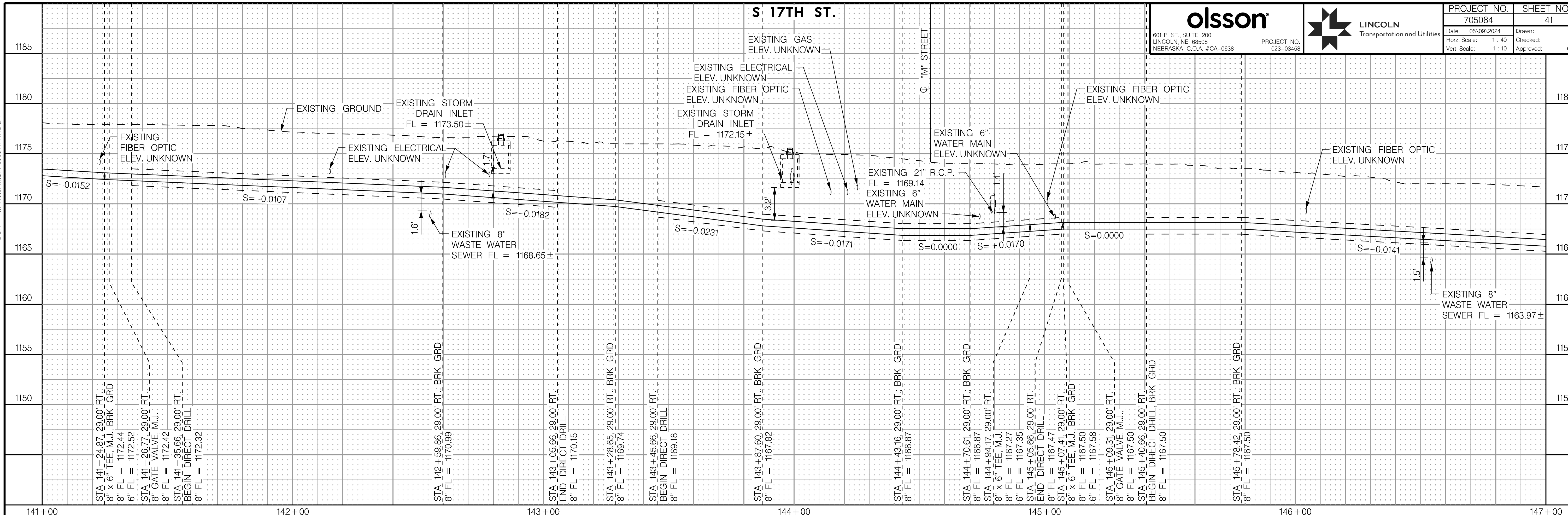
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT17.DGN

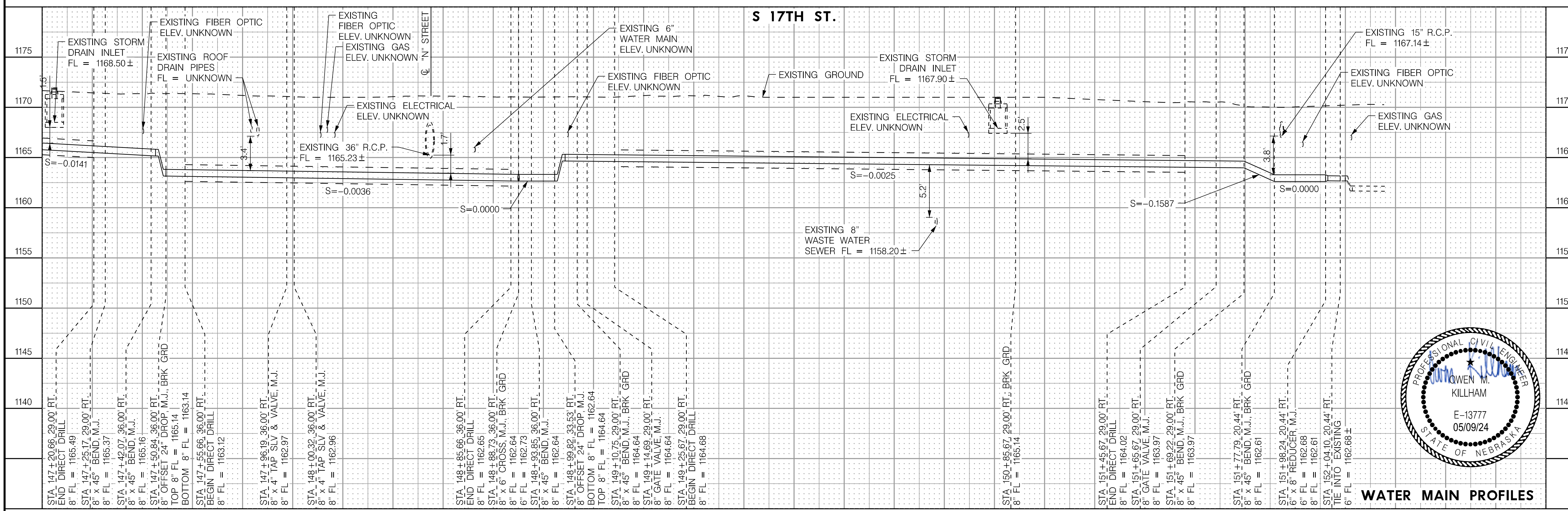
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	41
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
Vert. Scale: 1 : 10	Approved: OMK



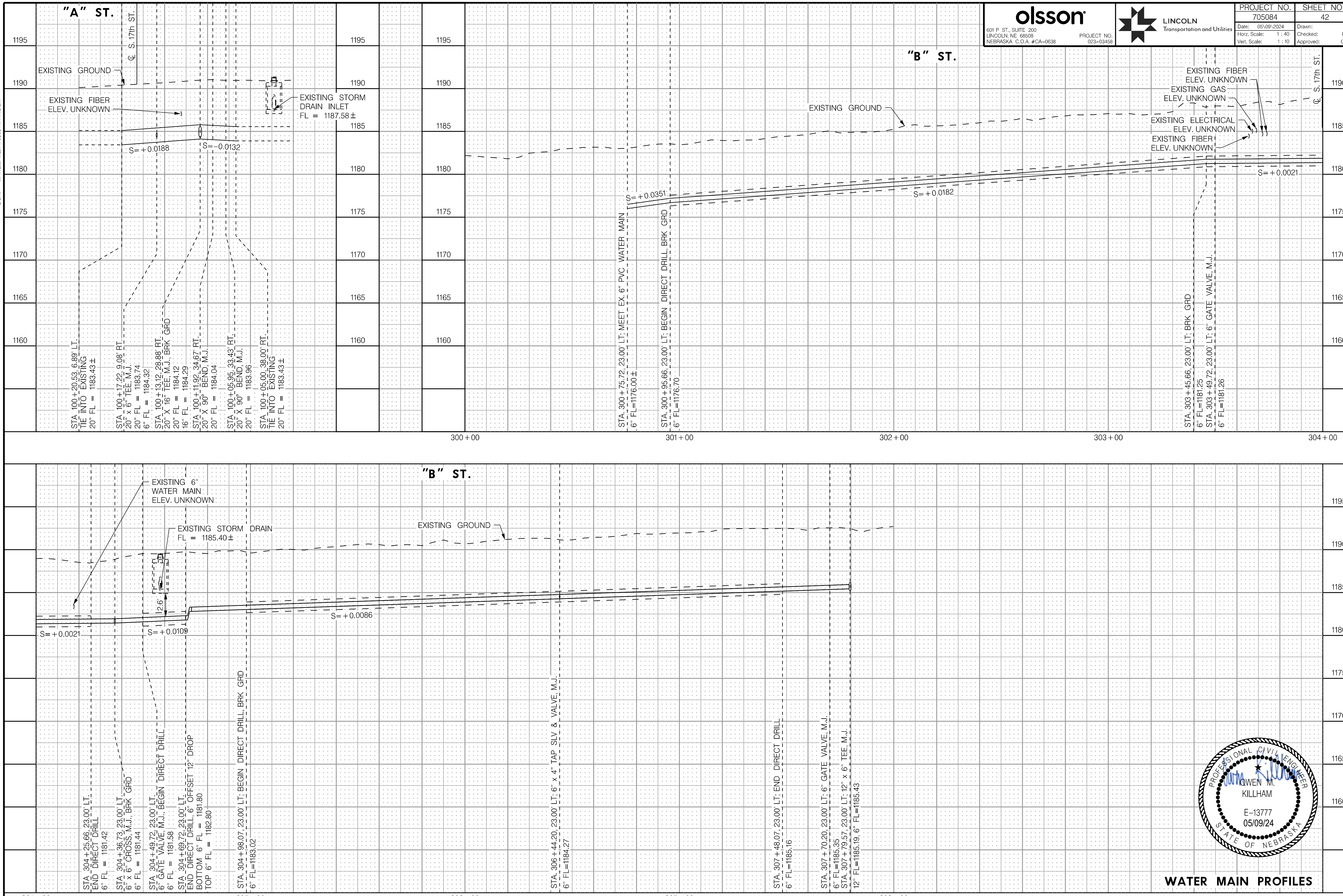


PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PROFILES

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084W117.DGN

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24



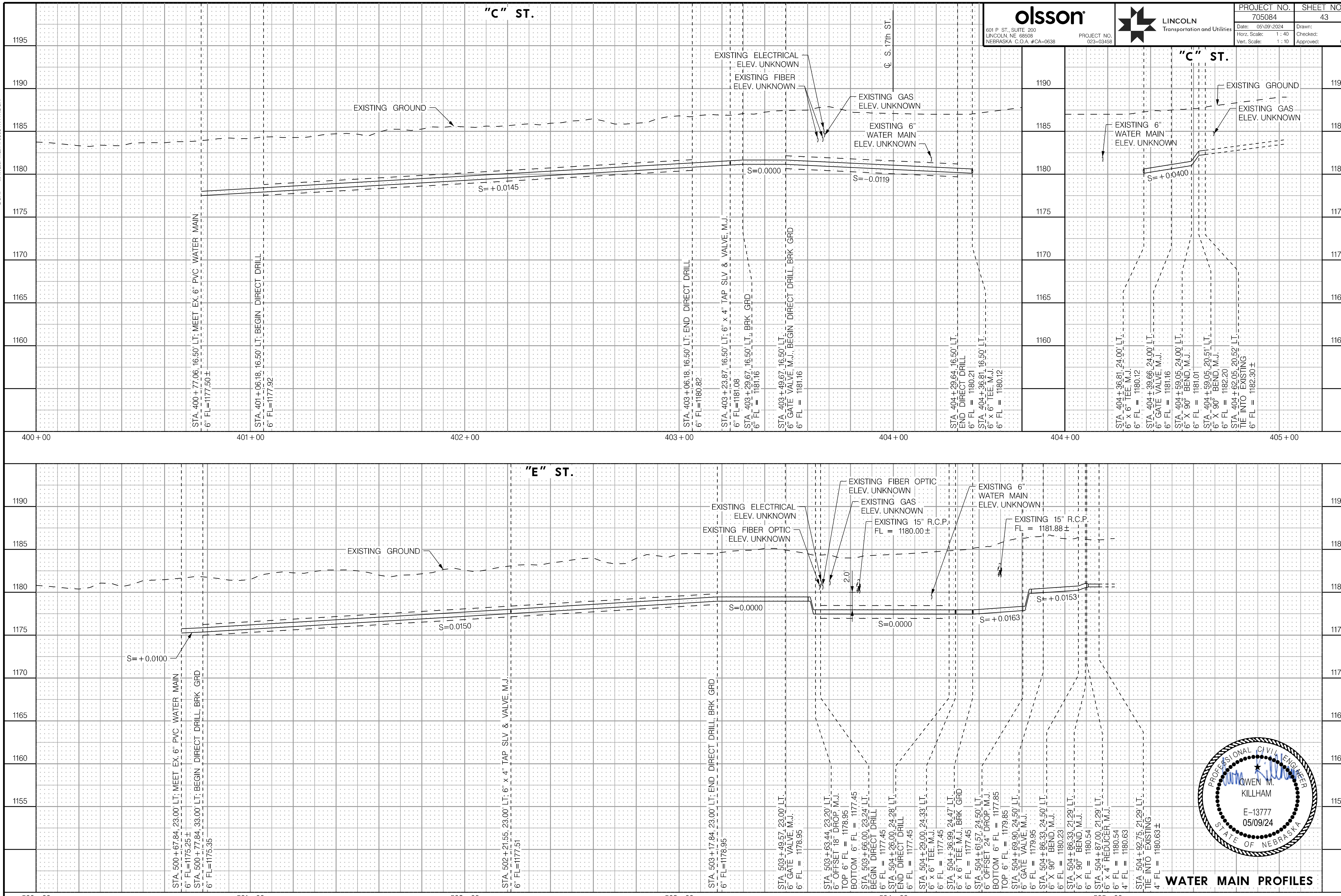
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084W17.DGN

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	43
Date: 05\09\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
Vert. Scale: 1 : 10	Approved: OMK



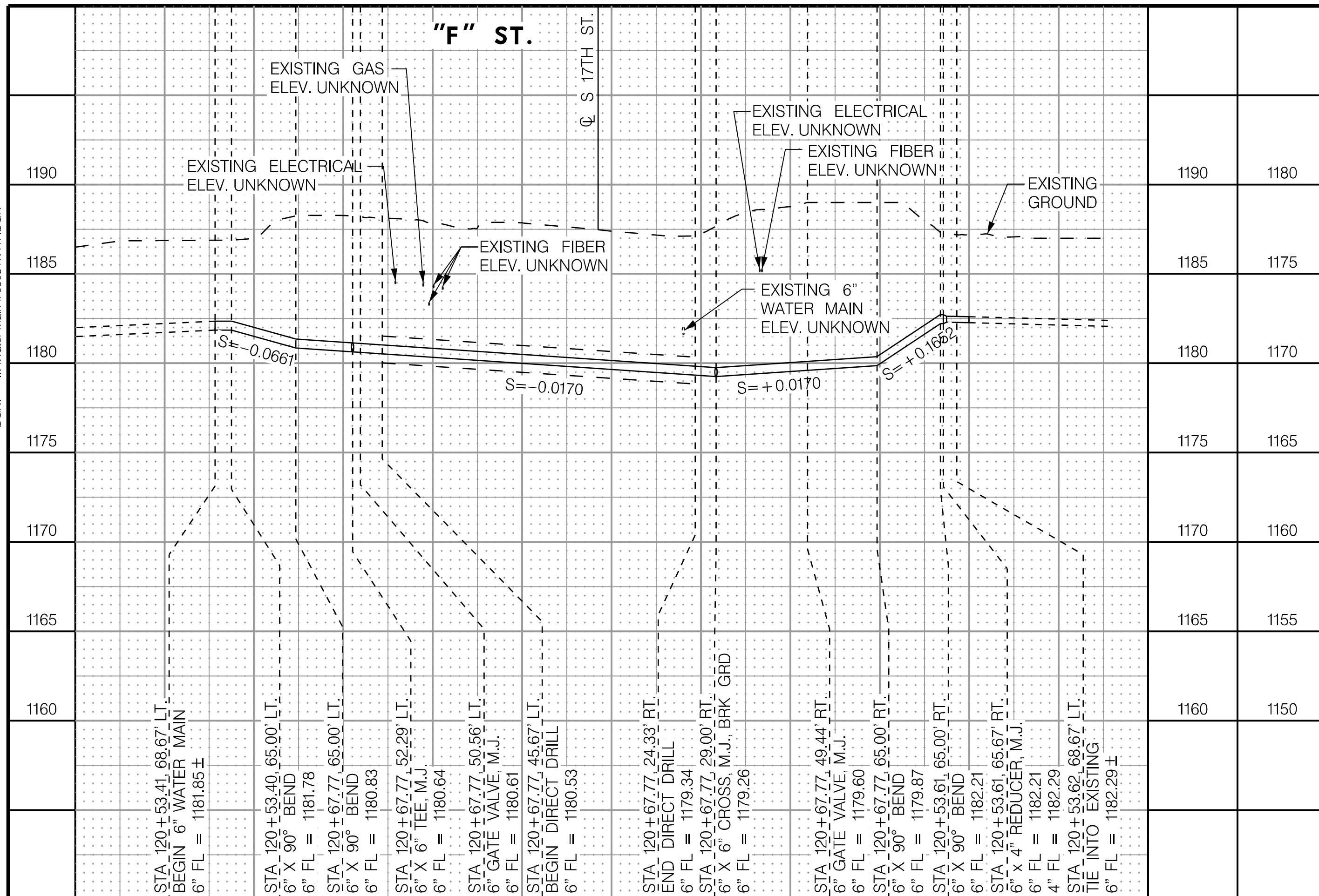
PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

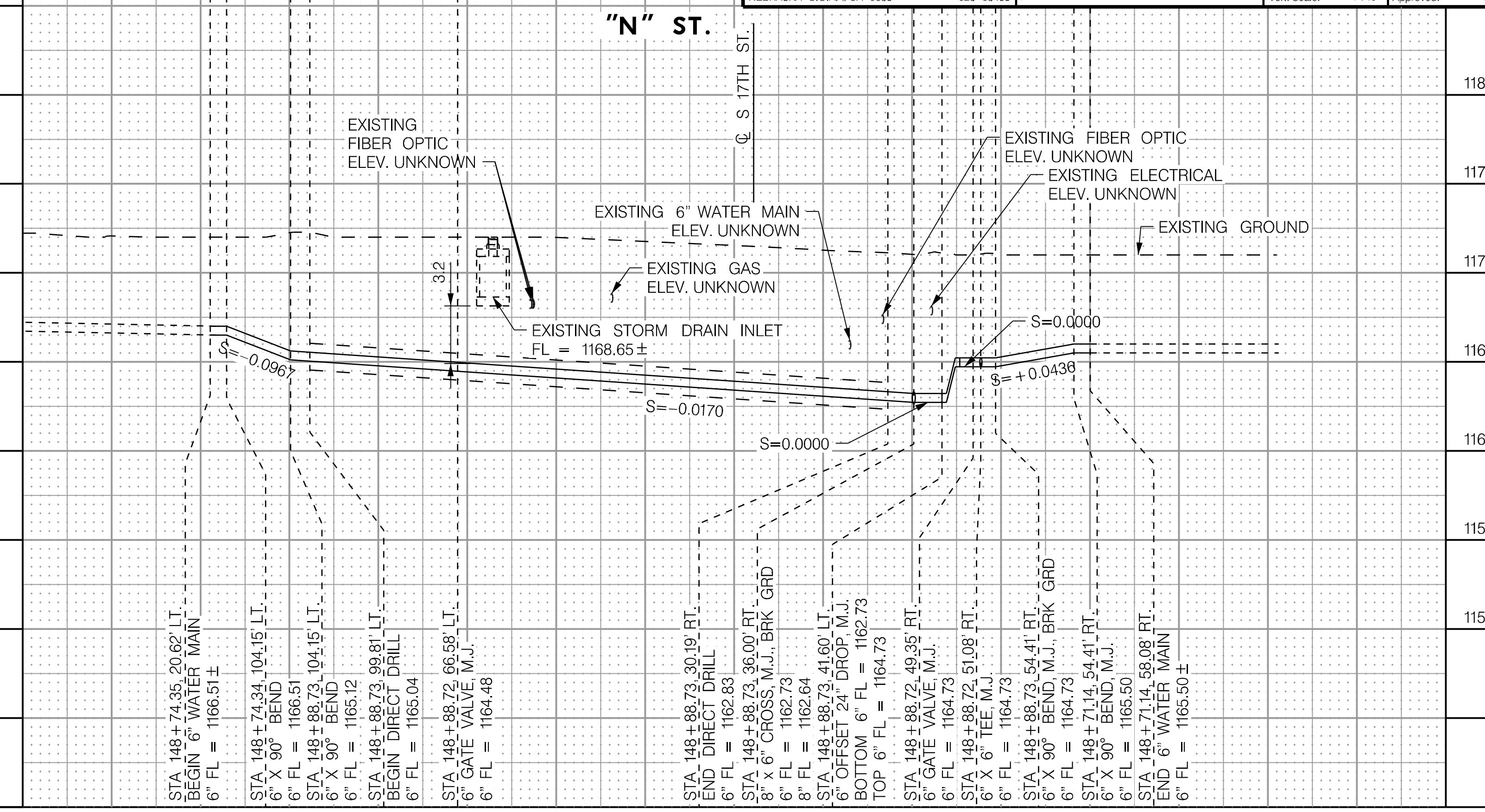
WATER MAIN PROFILES

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\WT_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\Water Main\705084WT17.DGN

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson	LINCOLN Transportation and Utilities	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. 023-03458		705084	44
		Date: 05\09\2024	Drawn: SJP
		Horz. Scale: 1 : 40	Checked: RSM
		Vert. Scale: 1 : 10	Approved: OMK





PROFESSIONAL CIVIL ENGINEER
OWEN M. KILLHAM
E-13777
05/09/24
STATE OF NEBRASKA

WATER MAIN PROFILES

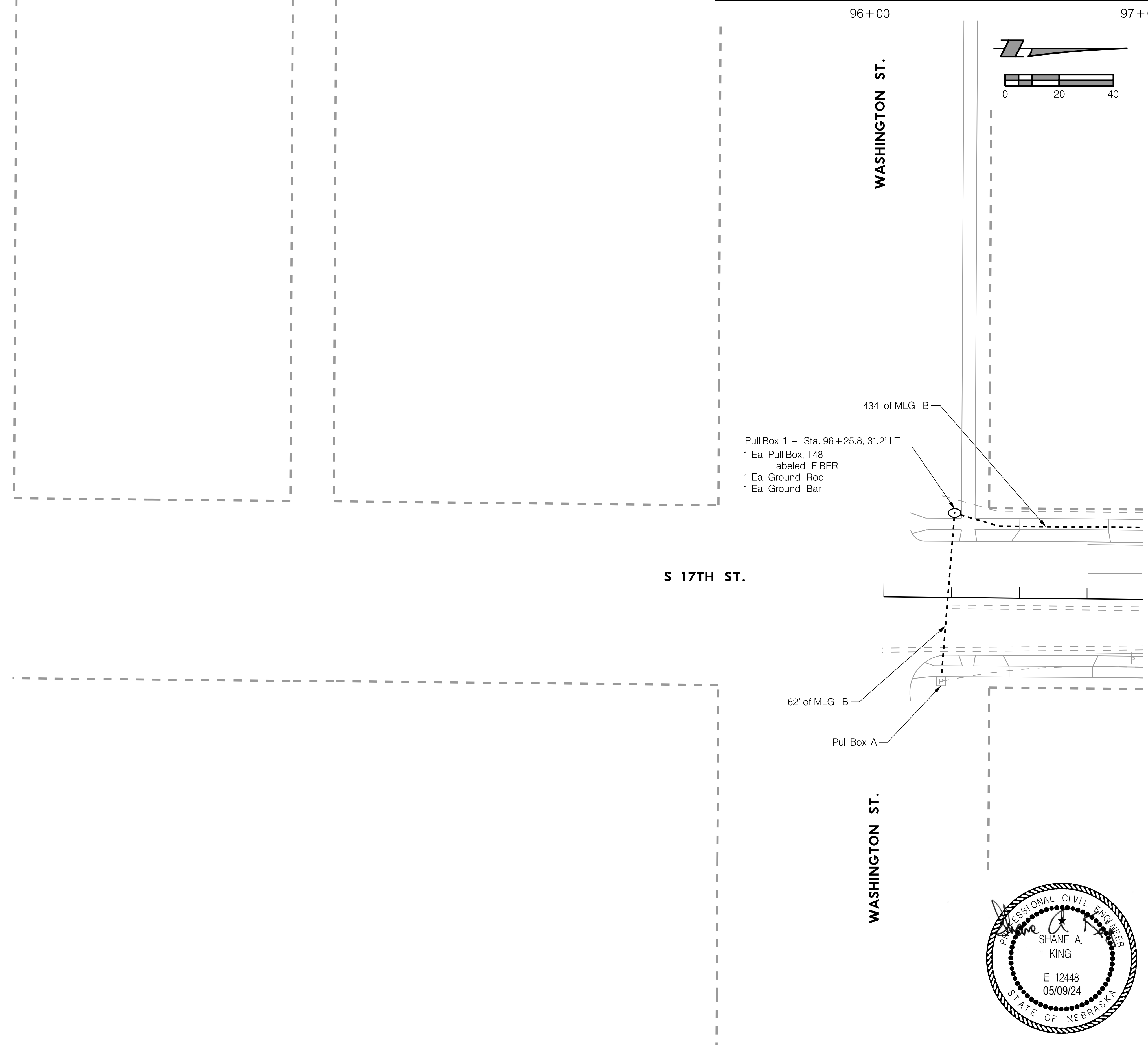
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ..\tables\pen\TS_pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ..\705084TS01.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	45
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
05/09/24
STATE OF NEBRASKA

TRAFFIC SIGNAL, ITS AND LIGHTING
S 17TH STREET

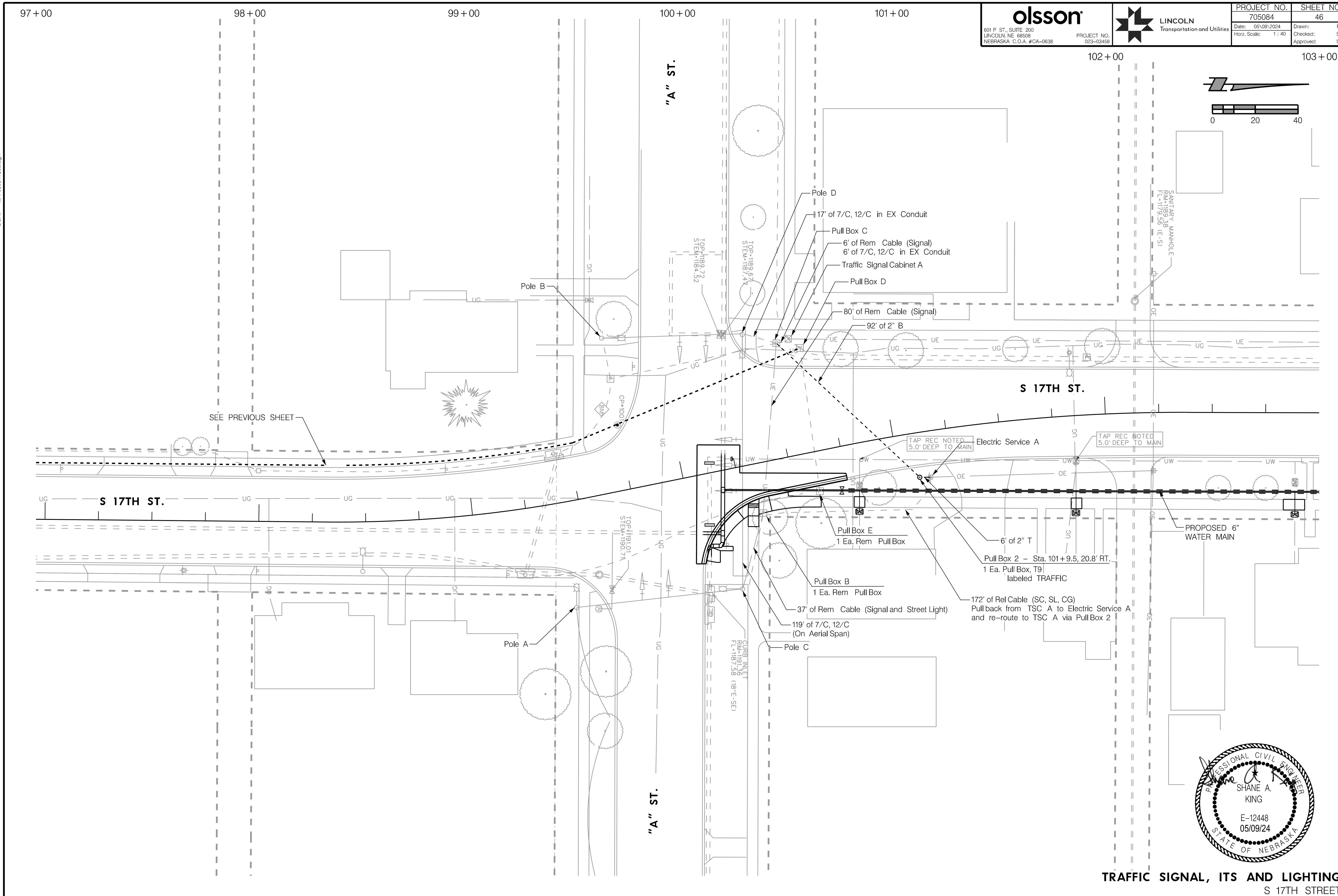
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084TS02.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	46
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



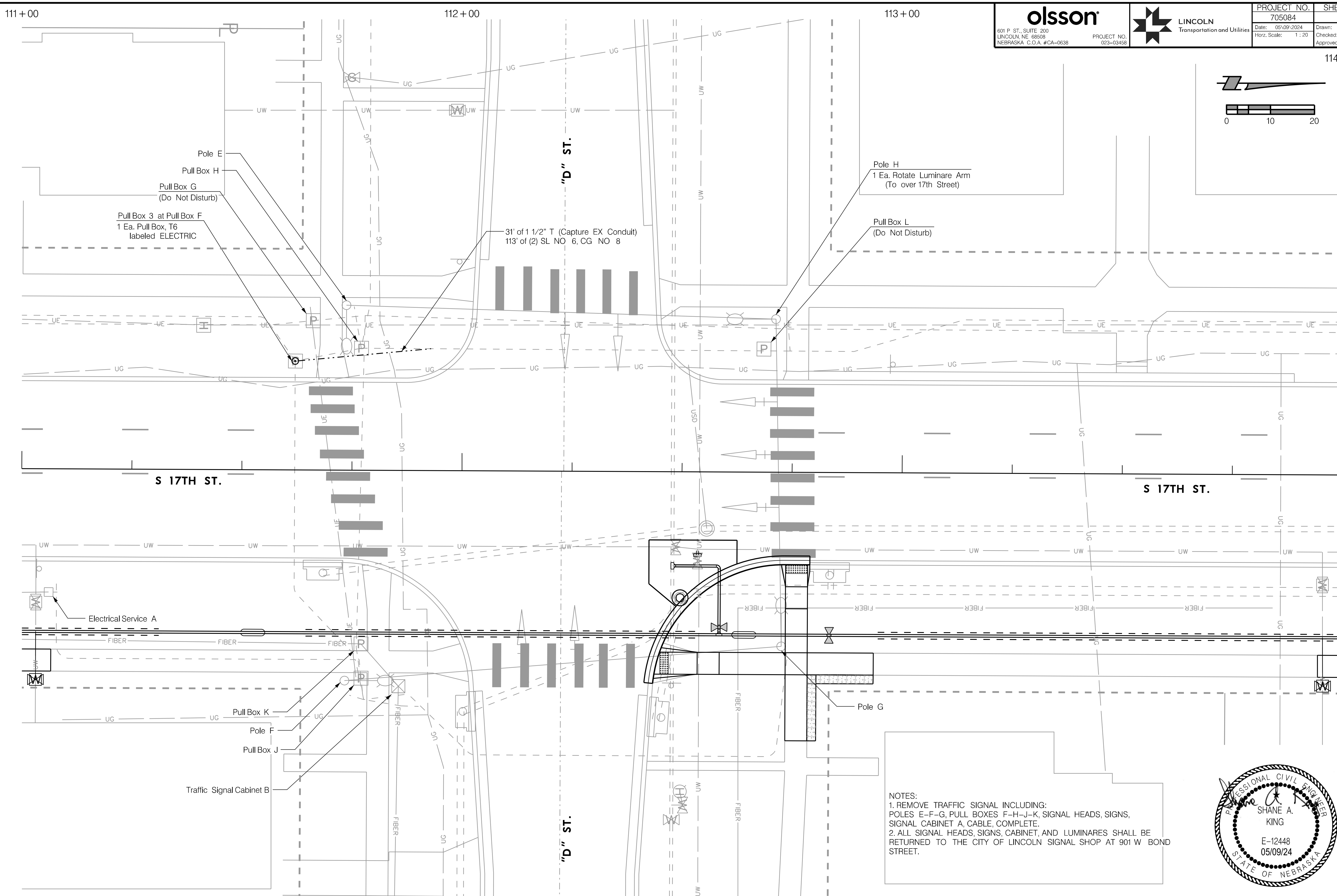
PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
05/09/24
STATE OF NEBRASKA

TRAFFIC SIGNAL, ITS AND LIGHTING
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084TS03.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson	LINCOLN Transportation and Utilities	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. 023-03458		705084	47
		Date: 05\09\2024 Horz. Scale: 1 : 20	Drawn: PVK Checked: SAK Approved: SAK



NOTES:
1. REMOVE TRAFFIC SIGNAL INCLUDING: POLES E-F-G, PULL BOXES F-H-J-K, SIGNAL HEADS, SIGNS, SIGNAL CABINET A, CABLE, COMPLETE.
2. ALL SIGNAL HEADS, SIGNS, CABINET, AND LUMINARES SHALL BE RETURNED TO THE CITY OF LINCOLN SIGNAL SHOP AT 901 W BOND STREET.

TRAFFIC SIGNAL, ITS AND LIGHTING
S 17TH STREET

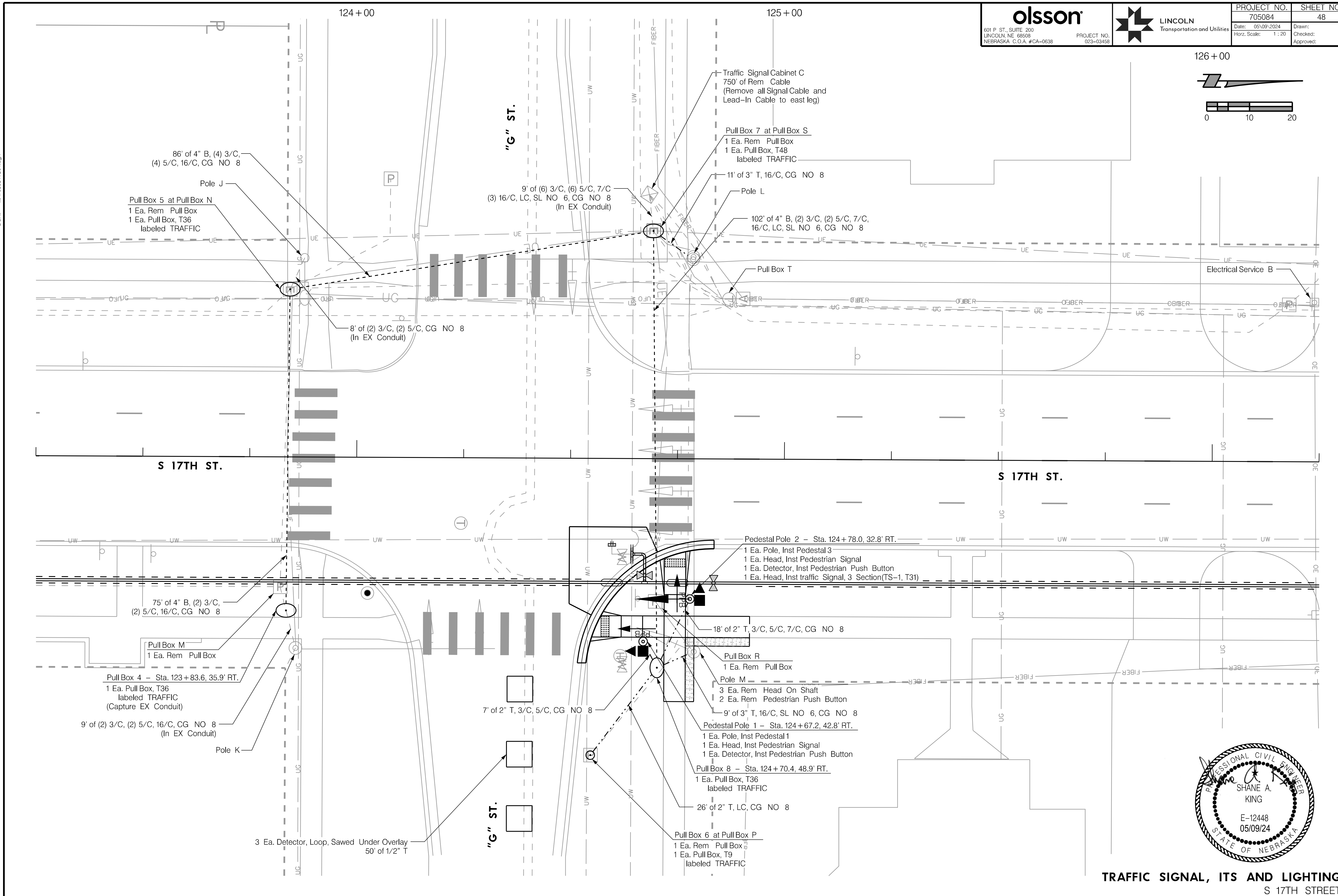
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084TS04.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	48
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 20	Checked: SAK
	Approved: SAK



TRAFFIC SIGNAL, ITS AND LIGHTING
S 17TH STREET

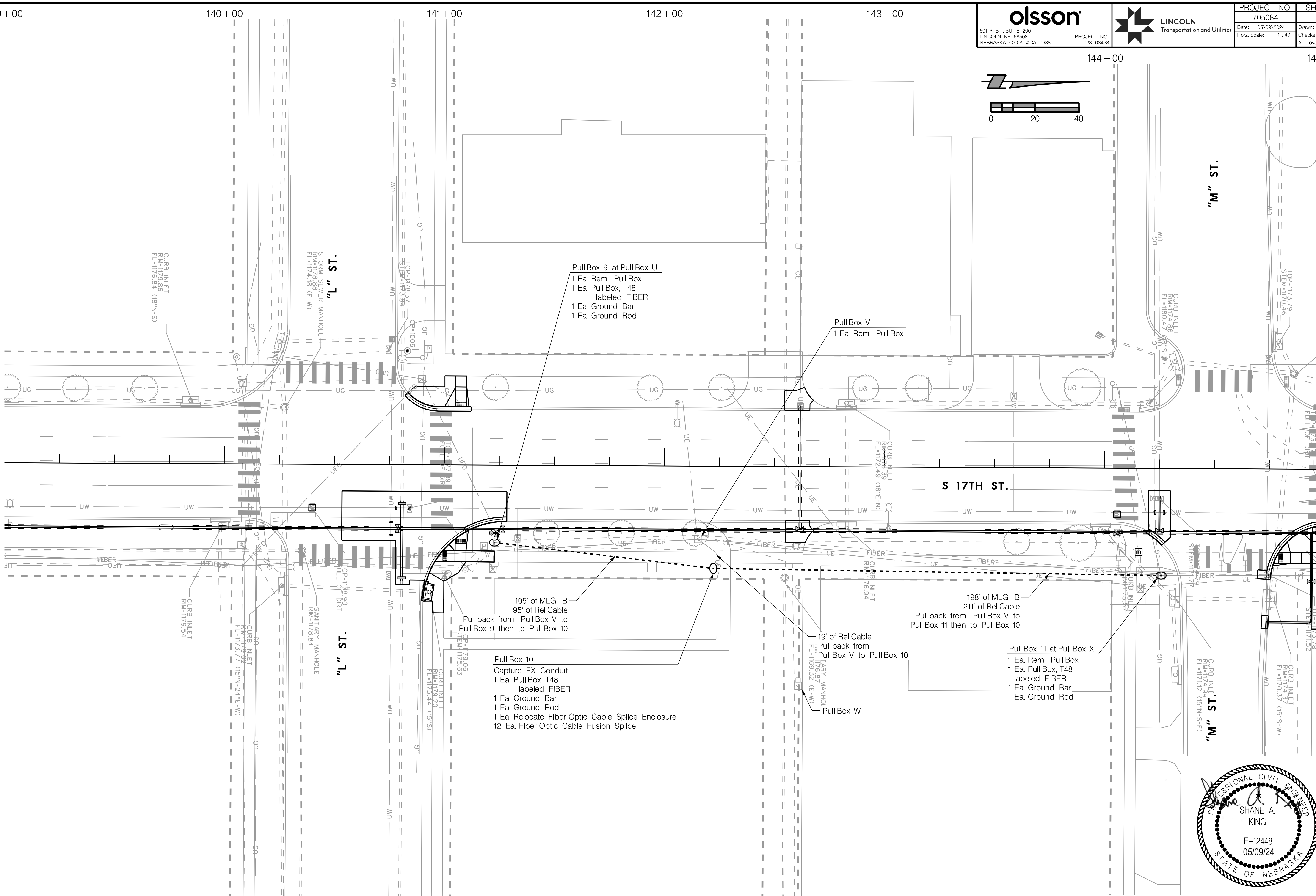
olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	49

Date: 05\09\2024 Drawn: PVK
Horz. Scale: 1 : 40 Checked: SAK
Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
05/09/24
STATE OF NEBRASKA

TRAFFIC SIGNAL, ITS AND LIGHTING
S 17TH STREET

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084TS05.dgn

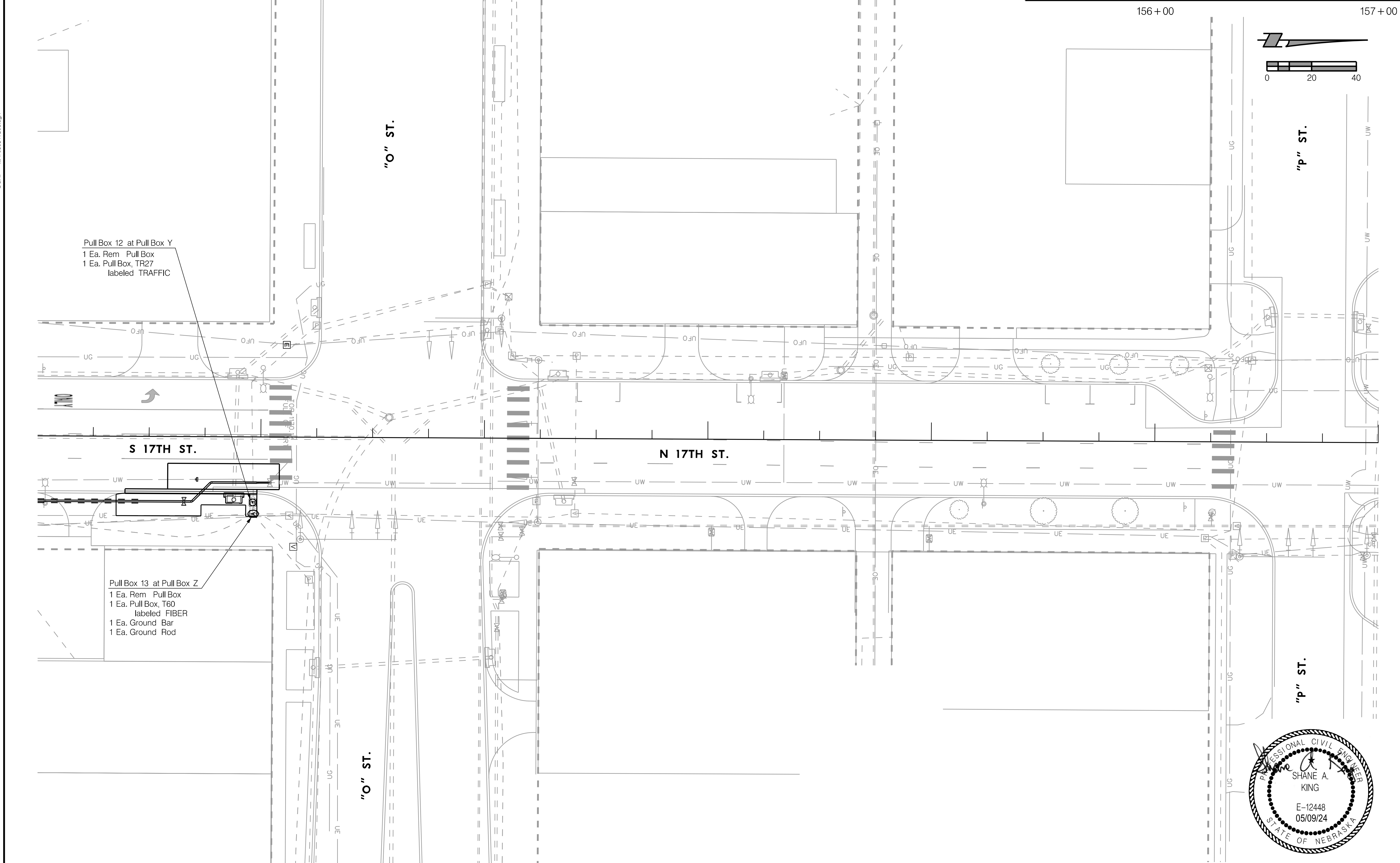
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084TS06.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	50
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



TRAFFIC SIGNAL, ITS AND LIGHTING
N 17TH STREET

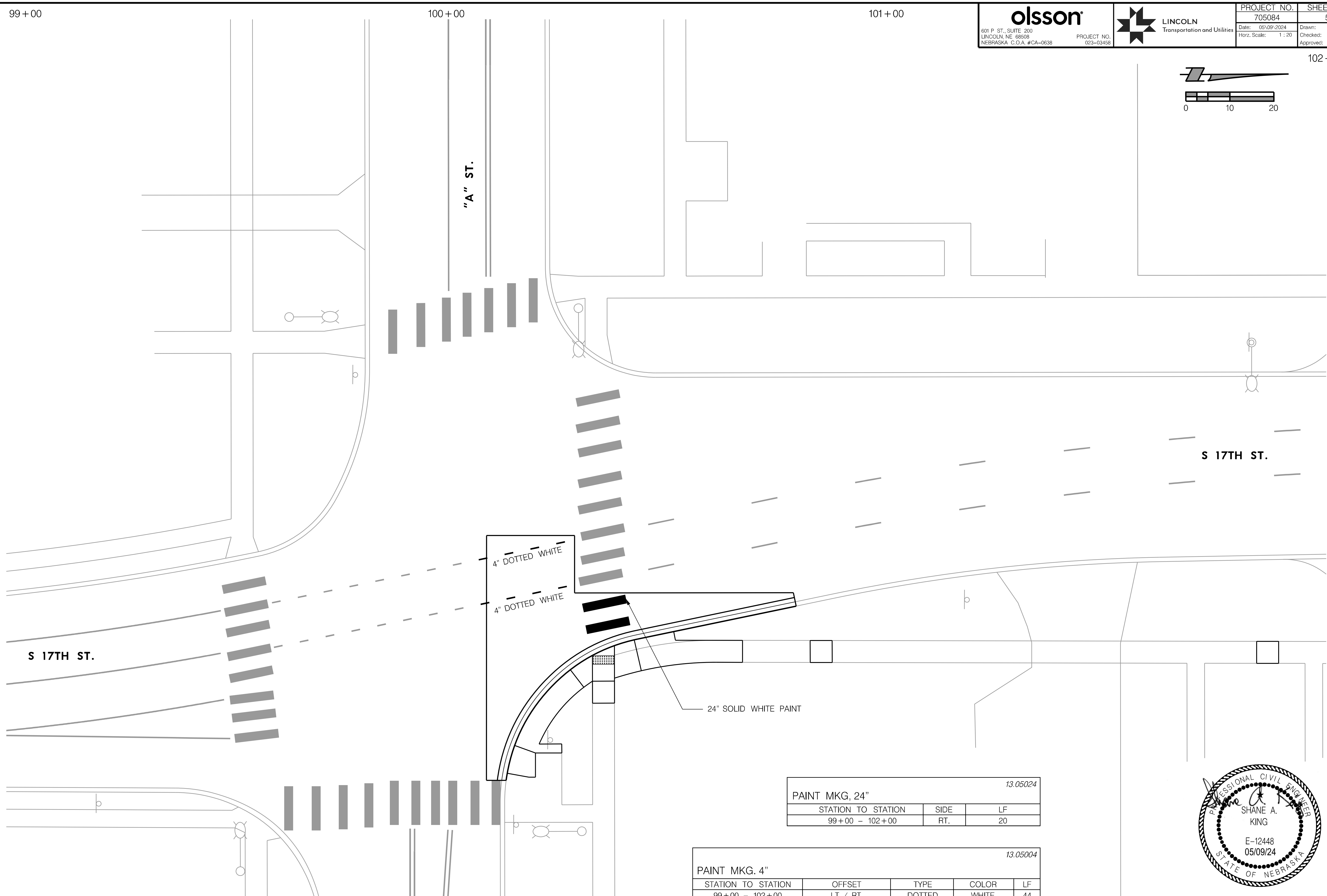
PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084PM01.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	51
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 20	Checked: SAK
	Approved: SAK



13.05024

PAINT MKG, 24"		
STATION TO STATION	SIDE	LF
99+00 – 102+00	RT.	20

13.05004

PAINT MKG. 4"				
STATION TO STATION	OFFSET	TYPE	COLOR	LF
99+00 – 102+00	LT. / RT.	DOTTED	WHITE	44

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
05/09/24
STATE OF NEBRASKA

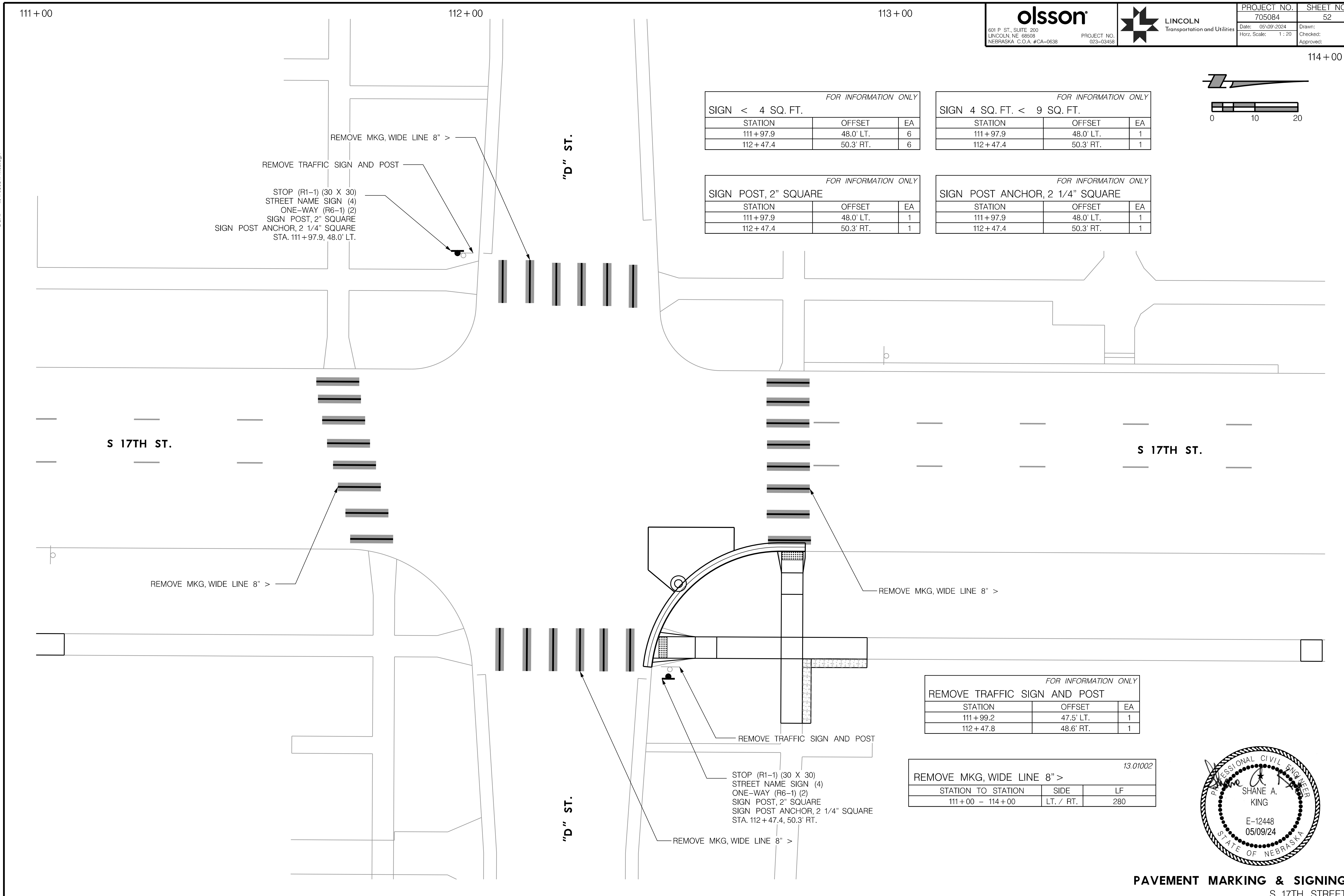
PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ..\tables\pen\PM_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084PM02.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	52
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 20	Checked: SAK
	Approved: SAK



FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
111+97.9	48.0' LT.	6
112+47.4	50.3' RT.	6

FOR INFORMATION ONLY

SIGN 4 SQ. FT. < 9 SQ. FT.

STATION	OFFSET	EA
111+97.9	48.0' LT.	1
112+47.4	50.3' RT.	1

FOR INFORMATION ONLY

SIGN POST, 2" SQUARE

STATION	OFFSET	EA
111+97.9	48.0' LT.	1
112+47.4	50.3' RT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
111+97.9	48.0' LT.	1
112+47.4	50.3' RT.	1

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST

STATION	OFFSET	EA
111+99.2	47.5' LT.	1
112+47.8	48.6' RT.	1

13.01002

REMOVE MKG, WIDE LINE 8">

STATION TO STATION	SIDE	LF
111+00 - 114+00	LT. / RT.	280

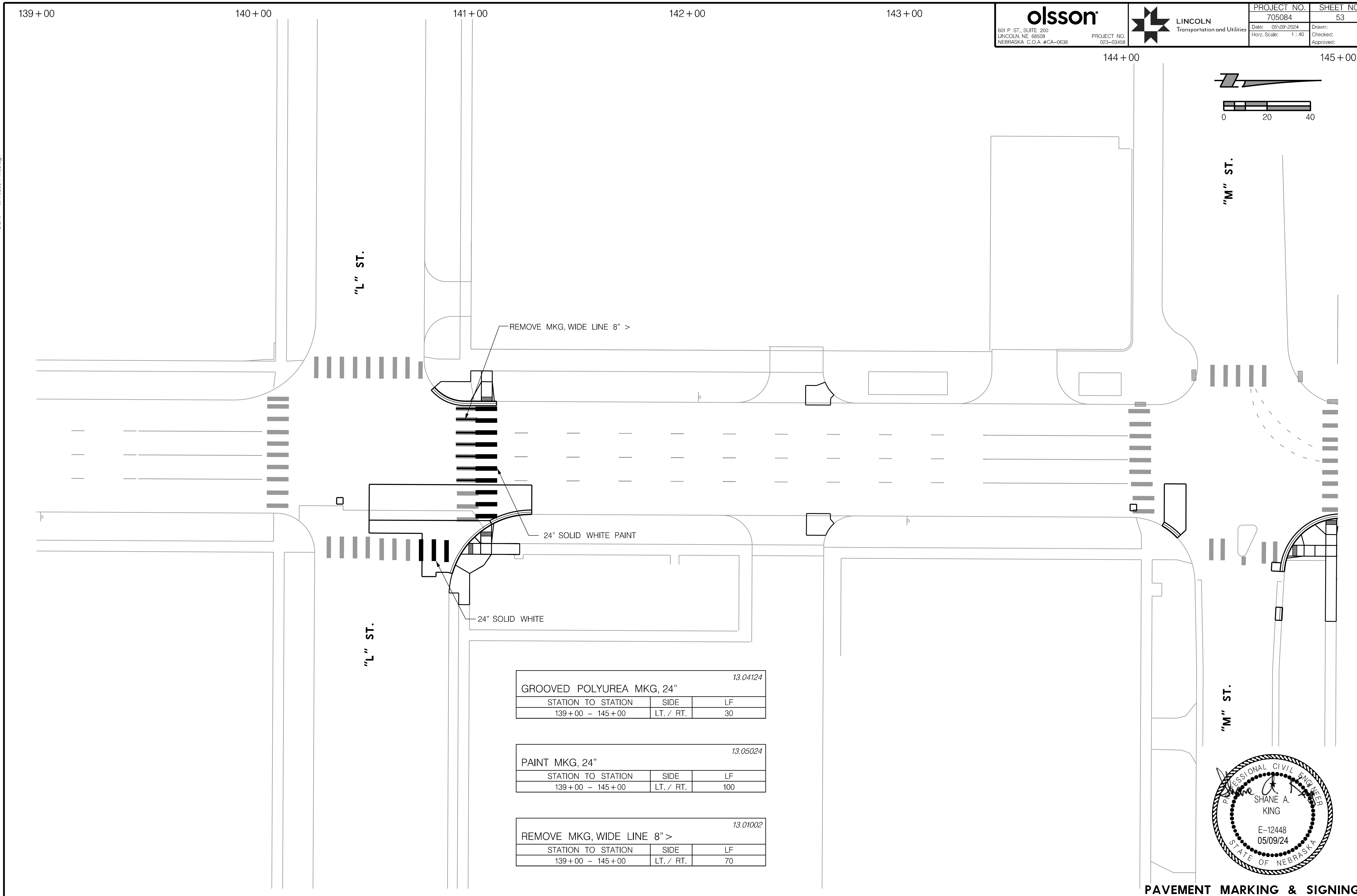
PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
05/09/24
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING

S 17TH STREET

PROJ: _RDWY_023-03458_Lincoln 17th Street Water Replacement.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: spickus
DATE: 05\09\2024
DGN: ...\705084PM03.dgn

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge On 05/24/24



13.04124

GROOVED POLYUREA MKG, 24"		
STATION TO STATION	SIDE	LF
139+00 – 145+00	LT. / RT.	30

13.05024

PAINT MKG, 24"		
STATION TO STATION	SIDE	LF
139+00 – 145+00	LT. / RT.	100

13.01002

REMOVE MKG, WIDE LINE 8" >		
STATION TO STATION	SIDE	LF
139+00 – 145+00	LT. / RT.	70

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. 023-03458

LINCOLN Transportation and Utilities

PROJECT NO.	SHEET NO.
705084	53
Date: 05\09\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\BW_PENTABLE.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\Sheets\General\705563CO01.DGN

olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225		705563	1
		Date: 06\03\2024	Drawn: JJW
		NOT TO SCALE	Checked: RSM Approved: JGO

CITY OF LINCOLN, NE (2024)
ARTERIAL PAVING REHABILITATION
17TH STREET, "A" STREET TO "S" STREET
PROJECT NO. 705563

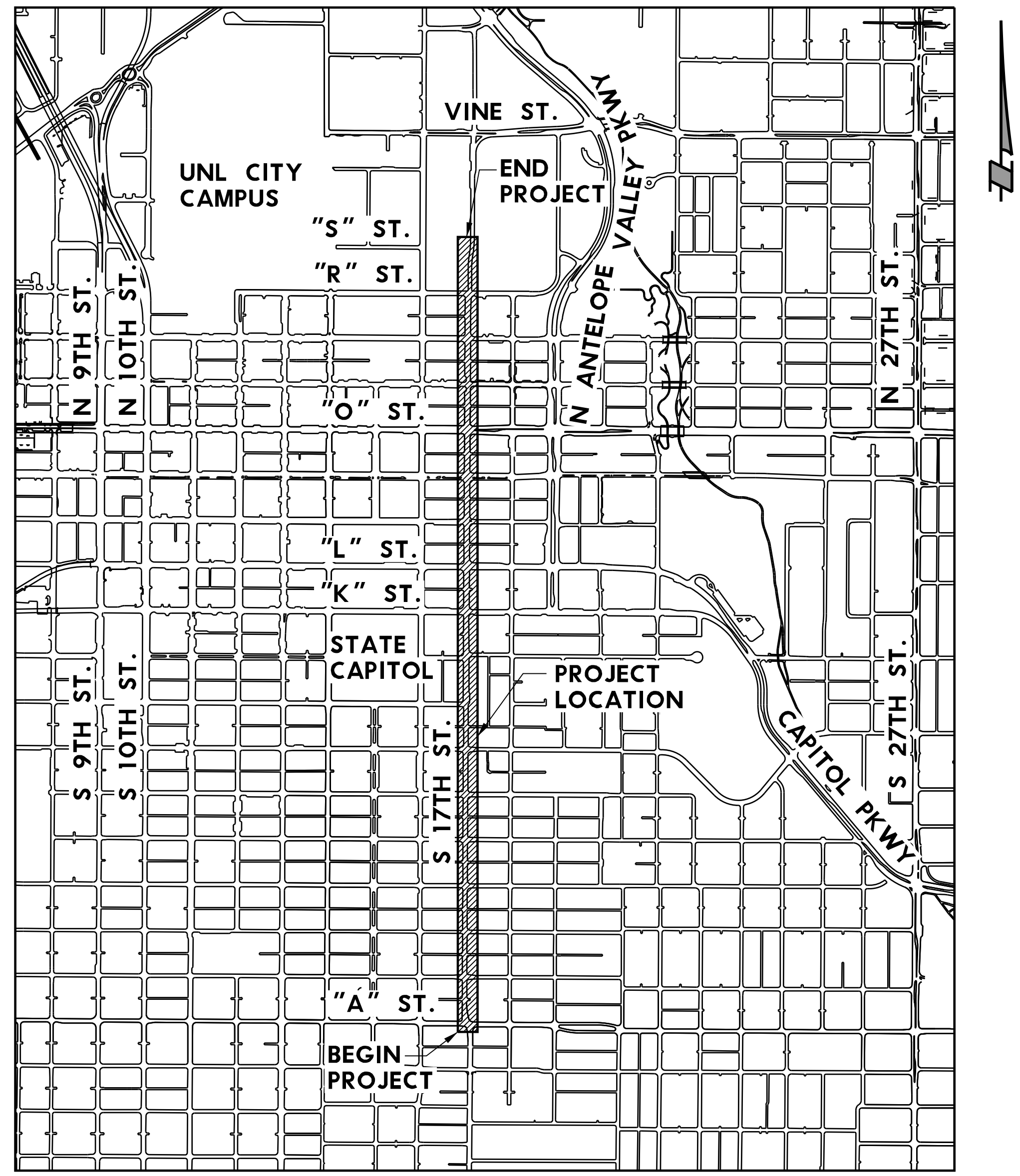
SCAN CODE FOR DESIGN AND CONSTRUCTION STNADARDS ON THE CITY OF LINCOLN WEBSITE.

ne1call.com
Nebraska 811
Know what's below.
Call before you dig.

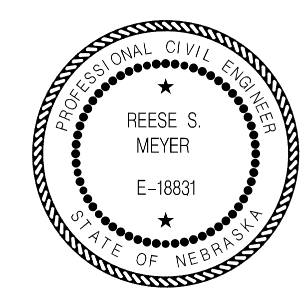
PRIOR TO CONSTRUCTION:

CALL : 1-800-331-5666 OR 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLEVISION AND CITY OF LINCOLN UTILITIES.

NOTE: EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.



SEALS INCLUDED:
REESE S. MEYER - ROADWAY
SHANE A. KING - TRAFFIC



COORDINATING PROFESSIONAL

PROJECT CONTACT

LINCOLN TRANSPORTATION & UTILITIES
PROJECT DELIVERY - DESIGN
949 W. BOND ST.
SUITE 200
LINCOLN, NE 68521
ATTN: CRAIG ALDRIDGE.....(402) 416-5349

LINCOLN TRANSPORTATION & UTILITIES
PROJECT DELIVERY - CONSTRUCTION
949 W. BOND ST.
SUITE 200
LINCOLN, NE 68521
ATTN: RUSS GASPER.....(402) 580-8438

LINCOLN TRANSPORTATION & UTILITIES
TRAFFIC ENGINEERING
949 W. BOND ST.
SUITE 200
LINCOLN, NE 68521
ATTN: DAN CARPENTER.....(402) 318-2080

COVER

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ..\tables\pen\BW_PENTABLE.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ..\Sheets\General\705563SQ01.DGN

olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225		705563	2
		Date: 06\03\2024	Drawn: JJW
		NOT TO SCALE	Checked: RSM
			Approved: JGO

GENERAL ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
01.00001	MOBILIZATION	LUMP SUM	1
01.01001	CONST STAKING	LUMP SUM	1
* 01.04001	PAVT & SIDEWALK REM	CU. YDS.	2,288
* 01.06001	SAWING, TYPE "B"	LIN. FT.	17,214
01.07001	SAWING, TYPE "C"	LIN. FT.	1,237
01.08001	SAWING, TYPE "D"	LIN. FT.	1,416
01.11001	ADJ. MH TO GRADE	EACH	9
01.13001	ADJ. WATER VALVE BOX TO GRADE	EACH	10
01.13002	ADJ. WATER STOP BOX TO GRADE	EACH	3
01.17000	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	LUMP SUM	1
50.00001	REMOVE & RESET BENCH	EACH	1
50.00001	REMOVE & RESET MONUMENT	EACH	1
50.00001	REMOVE POLE FOUNDATION	EACH	1
50.00001	POTHOLE EXISTING UTILITY	EACH	5
50.00005	REMOVE & SALVAGE REDSTONE CURB	LIN. FT.	4,350

EARTHWORK ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
02.01001	GENERAL CLEARING AND GRUBBING	LUMP SUM	1
02.02012	TREE REMOVAL (12" TO 23")	EACH	1
** 02.09001	PARKING SPACE FINISH	SQ. YDS.	2,409

PAVING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
04.09108	PCC PAVT W/INT CURB, 8"	SQ. YDS.	153
04.09110	PCC PAVT W/INT CURB, 10"	SQ. YDS.	117
04.09304	CONC SIDEWALK, 4"	SQ. FT.	8,192
04.09310	CONC SIDEWALK, 10"	SQ. FT.	2,198
04.09405	CONC DRIVEWAY, 5"	SQ. FT.	1,445
04.09406	CONC DRIVEWAY, 6"	SQ. FT.	122
* 04.09601	COMBINED CURB & GUTTER	LIN. FT.	6,478
* 04.09602	CONC BARRIER CURB (9" X 20")	LIN. FT.	455
04.09806	TACK-ON CONCRETE MEDIAN, 6"	SQ. FT.	447
04.10006	PCC ALLEY PAVT, 6"	SQ. YDS.	816
04.11001	DETECTABLE WARNING PANELS	SQ. FT.	550
* 05.07008	CONC BASE, LB-3500, 8"	SQ. YDS.	5,133
06.04000	SURFACE MILLING	SQ. YDS.	33,079
06.06001	ASPHALTIC CONCRETE, TYPE 1	TON	3,059
06.06004	ASPHALTIC CONCRETE, TYPE 4	TON	2,040
07.08030	MODULAR BLOCK RETAINING WALL	SQ. FT.	530

PAVEMENT MARKING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
13.01001	REMOVE MKG, LINE, <8"	LIN. FT.	424
13.03001	REMOVE MKG, WIDE LINE, <8"	LIN. FT.	350
13.02001	PREFORMED THERMOPLASTIC MKG, SYMBOL	LIN. FT.	42
13.03004	MOLTEN THERMOPLASTIC MKG, 4"	LIN. FT.	3,498
13.03006	MOLTEN THERMOPLASTIC MKG, 6"	LIN. FT.	8,669
13.03008	MOLTEN THERMOPLASTIC MKG, 8"	LIN. FT.	642
13.03012	MOLTEN THERMOPLASTIC MKG, 12"	LIN. FT.	1,075
13.03018	MOLTEN THERMOPLASTIC MKG, 18"	LIN. FT.	40
13.03024	MOLTEN THERMOPLASTIC MKG, 24"	LIN. FT.	2,080
13.05004	PAINT MKG, 4"	LIN. FT.	118
13.05006	PAINT MKG, 6"	LIN. FT.	303
13.05008	PAINT MKG, 8"	LIN. FT.	484
13.05012	PAINT MKG, 12"	LIN. FT.	180
13.05024	PAINT MKG, 24"	LIN. FT.	190

SIGNING ITEMS - FOR INFORMATION ONLY

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
14.01001	TUBULAR MARKER	EACH	4
14.02001	TUBULAR MARKER ANCHOR, SQUARE	EACH	4
14.03001	REMOVE TRAFFIC SIGN ONLY	EACH	10
14.03002	REMOVE TRAFFIC SIGN AND POST	EACH	9
14.03003	SIGN < 4 SQ. FT.	EACH	17
14.03004	SIGN FYG < 4 SQ. FT.	EACH	2
14.03005	SIGN 4 SQ. FT. < 9 SQ. FT.	EACH	16
14.03006	SIGN FYG 4 SQ. FT. < 9 SQ. FT.	EACH	3
14.04001	SIGN POST 2" SQUARE	EACH	17
14.05001	SIGN POST ANCHOR, 2 1/4" SQUARE	EACH	17

TRAFFIC CONTROL ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
15.05001	DYNAMIC MESSAGE SIGN	DAY	20
15.09001	TRAFFIC CONTROL FOR CONST	LUMP SUM	1

* INCLUDES ALLOWANCE FOR QUANTITIES TO BE USED AS DIRECTED BY THE CITY'S PROJECT MANAGER.

** PARKING SPACE FINISH TO BE PAID FOR IN AREAS BEHIND REDSTONE CURB WHERE TOPSOIL IS BROUGHT IN FOR SLOPE CORRECTION.

QUANTITIES AND LOCATIONS ON PLANS ARE ESTIMATES ONLY. ACTUAL REPAIR AREAS WILL BE MARKED BY CITY STAFF. REMOVAL LOCATIONS ADJACENT TO REMOVALS REQUIRED BY WATER MAIN RECONSTRUCTION PROJECT 705084 SHALL BE COORDINATED THROUGH CITY STAFF.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

SUMMARY OF QUANTITIES

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	3
Date: 06\03\2024	Drawn: JJW
NOT TO SCALE	Checked: RSM
	Approved: JGO

STORM DRAINAGE ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
21.08007	STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE	EACH	28
21.08008	RECONSTRUCT INLET THROAT	EACH	11
21.13006	REMOVE EXISTING INLET TOP ONLY	EACH	28

WATER MAIN ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
23.04125	REM GATE VALVE AND BOX	EACH	6

TRAFFIC SIGNAL, ITS & LIGHTING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
24.01002	REM PULL BOX	EACH	8
24.01030	REM CABLE	LIN. FT,	225
24.01050	REM HEAD ON MAST ARM	EACH	7
24.01051	REM HEAD ON SHAFT	EACH	10
24.01052	REM PEDESTRIAN PUSH BUTTON	EACH	8
24.01110	REL CABLE	LIN. FT.	222
24.01200	ADJ HEAD ON MAST ARM	EACH	23
24.03205	CONDUIT, 1/2", TRENCHED	LIN. FT,	100
24.03220	CONDUIT, 2", TRENCHED	LIN. FT,	212
24.05009	PULL BOX, T9	EACH	2
24.050036	PULL BOX, T36	EACH	4
24.08701	POLE, INST PEDESTAL 1	EACH	6
24.08703	POLE, INST PEDESTAL 3	EACH	2
24.10016	DETECTOR, LOOP, SAWED INDER OVERLAY	EACH	5
24.10200	DETECTOR, INST PEDESTRIAN PUSH BUTTON	EACH	8
24.12003	CABLE, 3/C TRAFFIC SIGNAL	LIN. FT.	103
24.12005	CABLE, 5/C TRAFFIC SIGNAL	LIN. FT.	57
24.12007	CABLE, 7/C TRAFFIC SIGNAL	LIN. FT,	465
24.12020	CABLE, 20/C TRAFFIC SIGNAL	LIN. FT,	126
24.12101	CABLE, LEAD-IN	LIN. FT,	135
24.12806	CABLE, NO 6	LIN. FT.	142
24.12808	CABLE, NO 8	LIN. FT,	265
24.13013	HEAD, INST PEDESTRIAN SIGNAL	EACH	8
24.13063	SIGN, INST OVERHEAD	EACH	9
24.13103	HEAD, INST TRAFFIC SIGNAL, 3 SECTION	EACH	4
50.00001	REM HEAD ON SPAN WIRE	EACH	1
50.00001	REM SIGN ON MAST ARM	EACH	1
50.00001	ADJ HEAD ON SPAN WIRE	EACH	2
50.00001	ADJ SIGN ON MAST ARM	EACH	9

SEEDING & SODDING ITEMS

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
30.07002	SEEDING, TY "B"	ACRE	1.52

EROSION & SEDIMENT CONTROL ITEMS

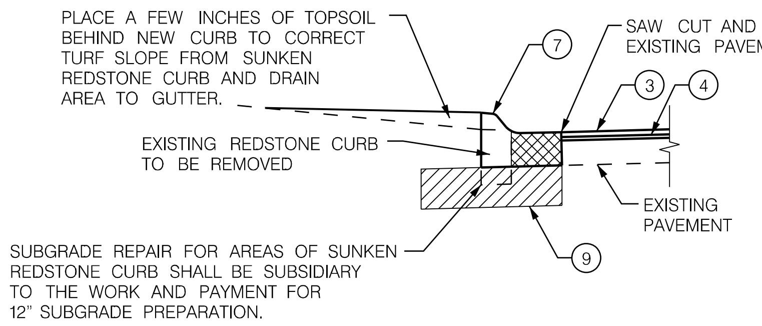
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
31.03001	SELECT TOPSOIL	CU. YDS.	174
32.01001	CSW PERMIT AUTHORIZATION	LUMP SUM	1
32.04001	CURB INLET PROTECTION INST	EACH	21
32.04002	CURB INLET PROTECTION MAINT	EACH	21
32.04003	CURB INLET PROTECTION REM	EACH	21

PROFESSIONAL CIVIL ENGINEER
REESE S.
MEYER
E-18831
STATE OF NEBRASKA

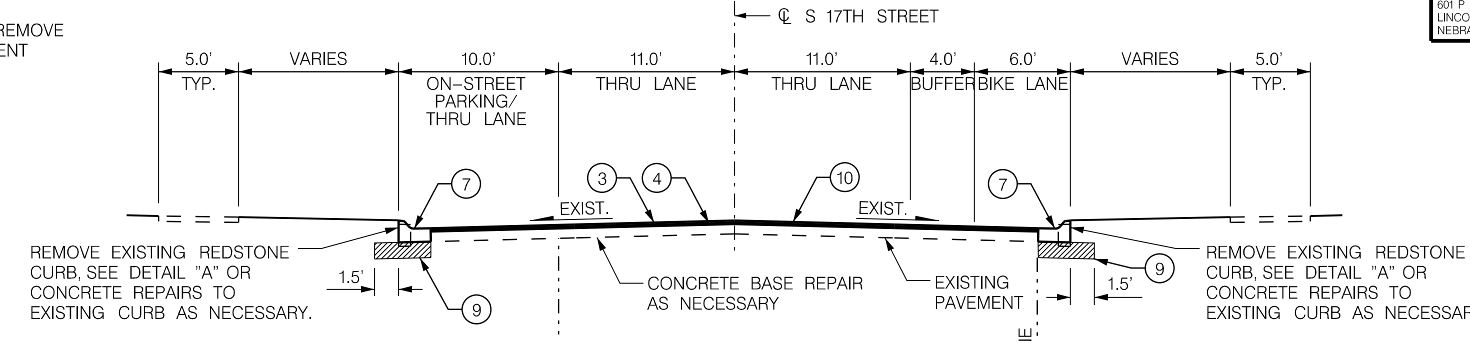
SUMMARY OF QUANTITIES

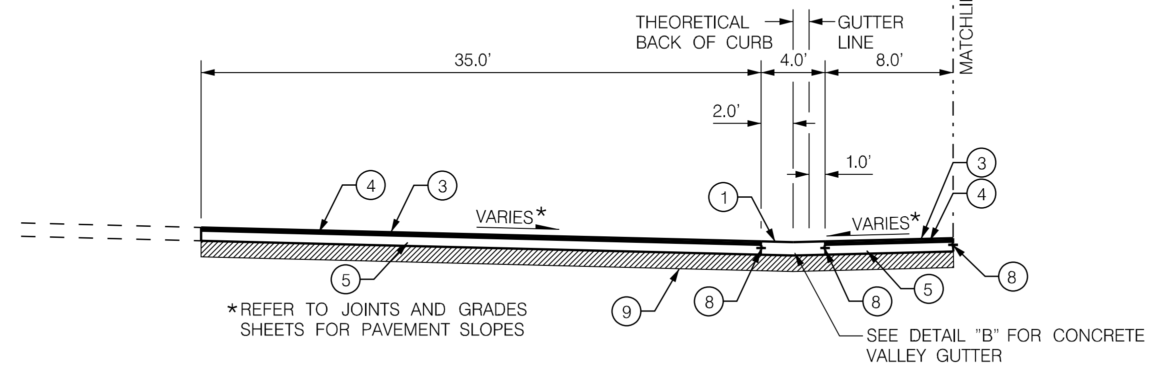
PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ..\tables\pen\BW_PENTABLE.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ..\Sheets\General\705563TY01.DGN

olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	PROJECT NO. L21-06225	705563	4
		Date: 06\03\2024	Drawn: JJW
		NOT TO SCALE	Checked: RSM
			Approved: JGO

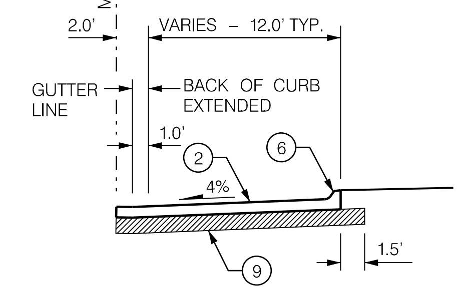


DETAIL "A"
REDSTONE CURB REPLACEMENT





CONCRETE VALLEY GUTTER
STA. 123+85.79 TO STA. 124+79.29
STA. 131+96.75 TO STA. 132+84.25

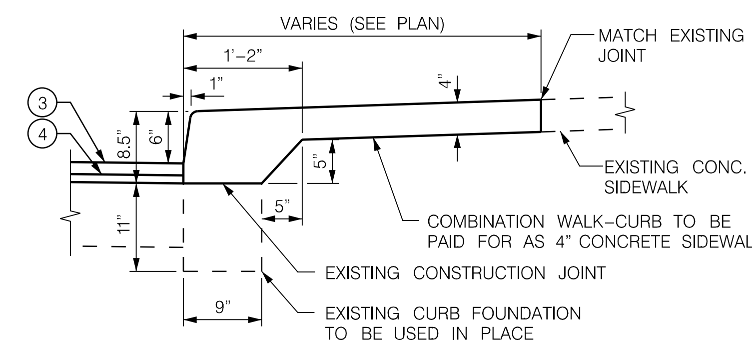


BUS TURNOUT
STA. 128+24.66 TO STA. 129+43.52

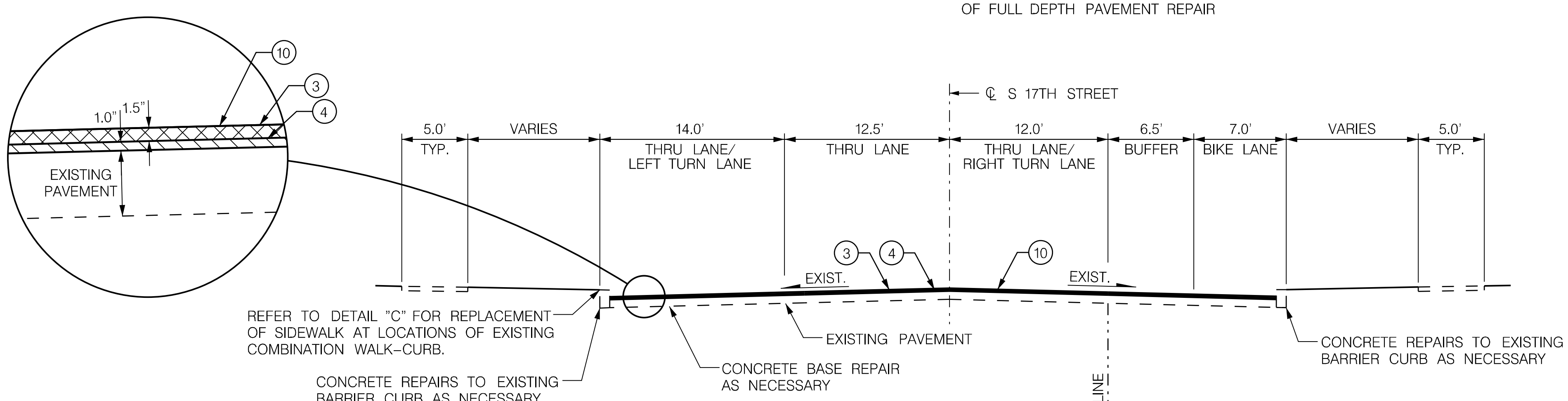
LEGEND

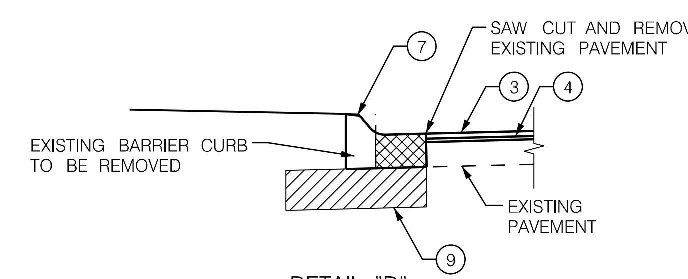
1. 10" P.C. CONCRETE PAVEMENT WITH INTEGRAL CURB
2. 8" P.C. CONCRETE PAVEMENT WITH INTEGRAL CURB
3. 1.5" ASPHALTIC CONCRETE SURFACE COURSE, TYPE 1
4. 1" ASPHALTIC CONCRETE LEVELING COURSE, TYPE 4
5. 8" CONCRETE BASE, LB-3500
6. 6" INTEGRAL CURB
7. COMBINED CURB & GUTTER
8. LONGITUDINAL JOINT WITH TIE BAR
9. 12" SUBGRADE PREPARATION
10. 2" SURFACE MILLING

S 17TH STREET, "A" STREET - "K" STREET
STA. 101+89.00 TO STA. 136+52.90
EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR

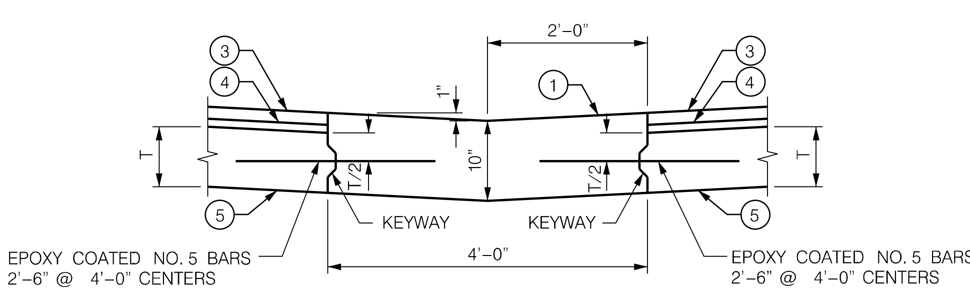


DETAIL "C"
COMBINATION WALK-CURB



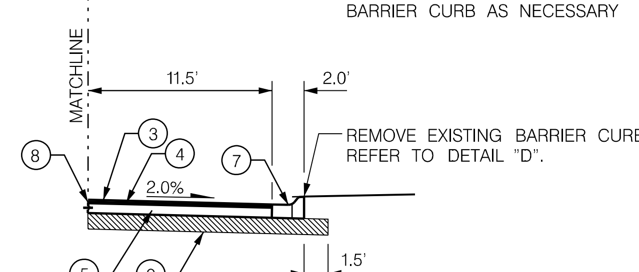


DETAIL "D"
BARRIER CURB REPLACEMENT



DETAIL "B"
CONCRETE VALLEY GUTTER

S 17TH STREET, "K" STREET - "O" STREET
STA. 136+52.90 TO STA. 148+23.75
STA. 148+81.77 TO STA. 151+98.36
EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR



CONCRETE BASE REPLACEMENT
STA. 140+07.53 TO STA. 140+53.53
STA. 142+06.23 TO STA. 142+87.23
STA. 144+02.42 TO STA. 144+20.13
STA. 144+30.13 TO STA. 144+69.00
STA. 144+79.00 TO STA. 145+06.63
STA. 146+20.77 TO STA. 146+86.77
STA. 147+87.75 TO STA. 148+23.75
STA. 150+34.42 TO STA. 150+87.42

NOTES:

1. EXISTING ASPHALT TO BE MILLED PRIOR TO BASE REMOVAL AT LOCATIONS OF FULL DEPTH REPLACEMENT.
2. REFER TO GEOTECH REPORT FOR LOCATIONS OF THIN BASE FOLLOWING MILLING OPERATIONS.
3. EXISTING PAVEMENT BASE MAY CONSIST OF CONCRETE, ASPHALT OR BRICKS. COMPLETE CONCRETE BASE REPAIR AS DIRECTED BY CITY STAFF.

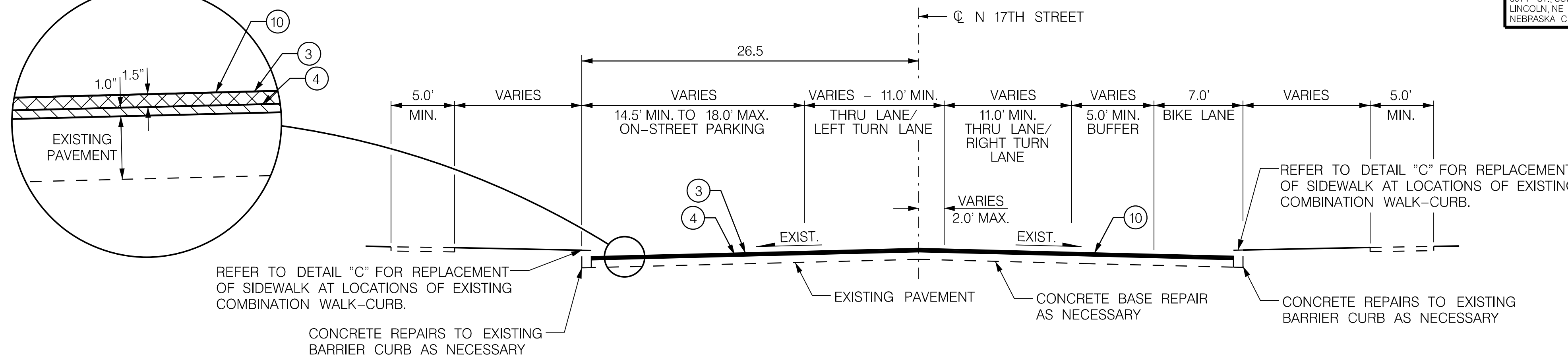
PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

TYPICAL SECTIONS

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

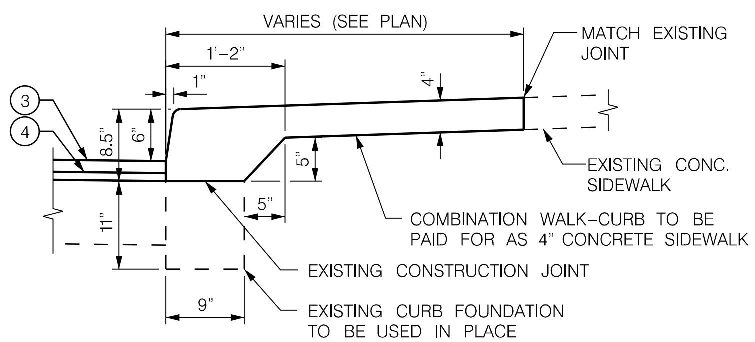
PROJECT NO.	SHEET NO.
705563	5
Date: 06\03\2024	Drawn: JJW
NOT TO SCALE	Checked: RSM
	Approved: JGO



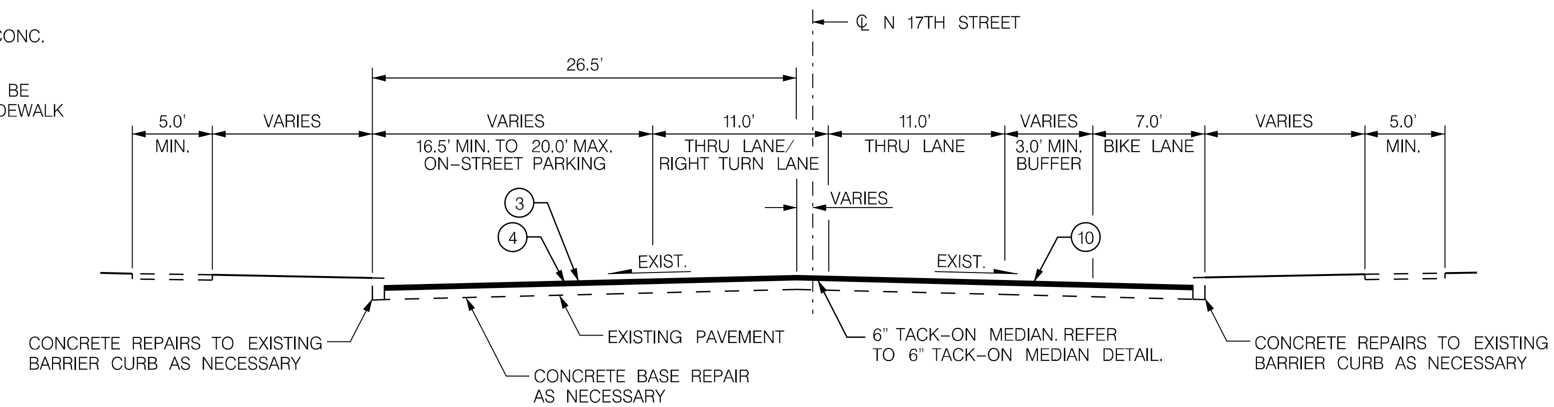
N 17TH STREET, "O" STREET – "Q" STREET
STA. 153+21.00 TO STA. 160+74.52
EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR

LEGEND

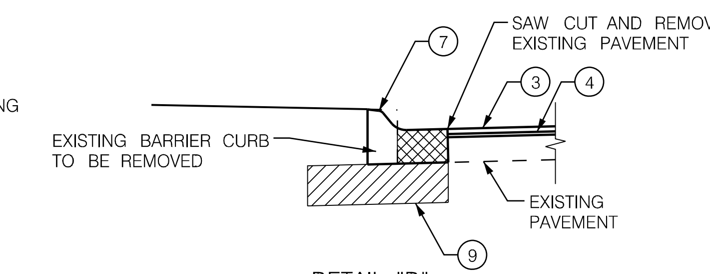
1. 10" P.C. CONCRETE PAVEMENT WITH INTEGRAL CURB
2. 8" P.C. CONCRETE PAVEMENT WITH INTEGRAL CURB
3. 1.5" ASPHALTIC CONCRETE SURFACE COURSE, TYPE 1
4. 1" ASPHALTIC CONCRETE LEVELING COURSE, TYPE 4
5. 8" CONCRETE BASE, LB-3500
6. 6" INTEGRAL CURB
7. COMBINED CURB & GUTTER
8. LONGITUDINAL JOINT WITH TIE BAR
9. 12" SUBGRADE PREPARATION
10. 2" SURFACE MILLING



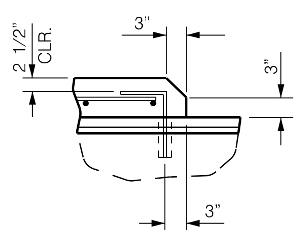
DETAIL "C"
COMBINATION WALK-CURB



N 17TH STREET, "Q" STREET – "R" STREET
STA. 160+74.52 TO STA. 164+92.52
EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR



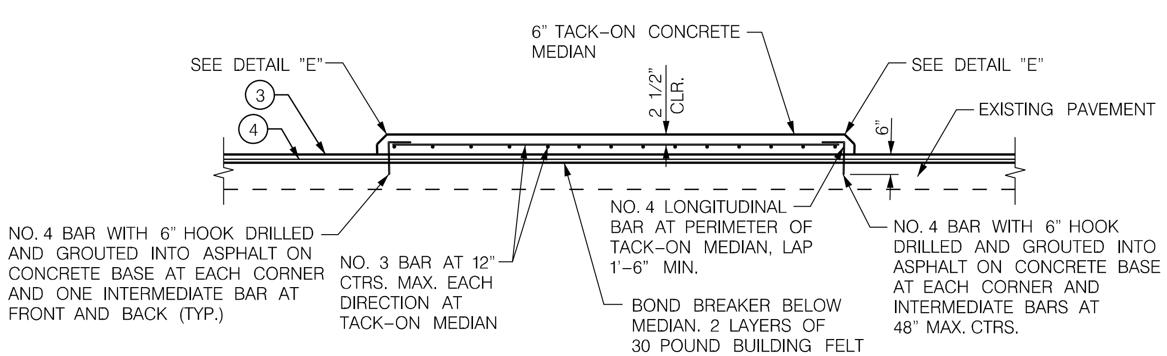
DETAIL "D"
BARRIER CURB REPLACEMENT



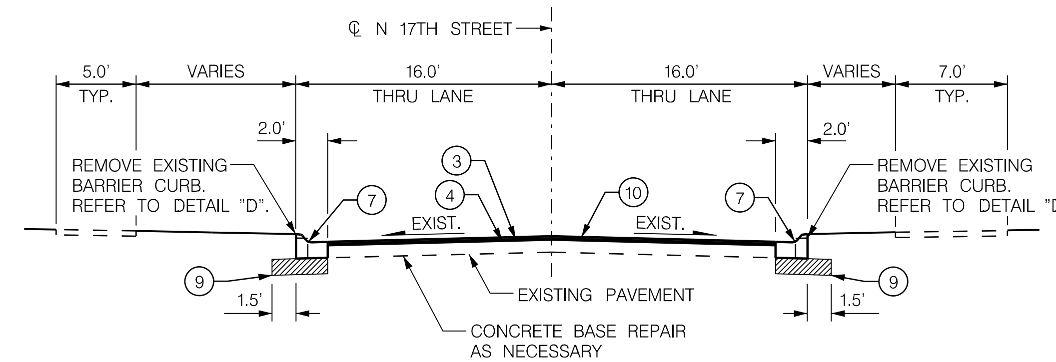
DETAIL "E"
TACK-ON MEDIAN DETAIL

NOTES:

1. EXISTING ASPHALT TO BE MILLED PRIOR TO BASE REMOVAL AT LOCATIONS OF FULL DEPTH REPLACEMENT.
2. REFER TO GEOTECH REPORT FOR LOCATIONS OF THIN BASE FOLLOWING MILLING OPERATIONS.
3. EXISTING PAVEMENT BASE MAY CONSIST OF CONCRETE, ASPHALT OR BRICKS. COMPLETE CONCRETE BASE REPAIR AS DIRECTED BY CITY STAFF.



6" TACK-ON MEDIAN
(REFER TO GEOMETRIC SHEETS FOR LOCATIONS)



N 17TH STREET, "R" STREET – "S" STREET
STA. 164+92.52 TO STA. 169+60.23
EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

TYPICAL SECTIONS

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\BW_PENTABLE.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\Sheets\General\705563GN01.DGN

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225
LTU
PROJECT NO. 705563
SHEET NO. 6
Date: 06\03\2024
NOT TO SCALE
Drawn: JJW
Checked: RSM
Approved: JGO

LEGEND - SURVEY (UTILITIES)

ELECTRIC MANHOLE
ELECTRIC METER
ELECTRICAL RISER
GAS BLOW OFF
GAS METER
GAS VALVE
GUY POLE
GUY ANCHOR
LIGHT POLE
MONITORING WELL
ORNAMENTAL LIGHT
PULL BOX
SPRINKLER CONTROL BOX
SPRINKLER HEAD
STORM DRAINAGE FLARED END SECTION
STORM DRAINAGE GRATE INLET
STORM DRAINAGE CURB INLET
STORM DRAINAGE MANHOLE
TELEPHONE BOX
TELEPHONE PULL BOX
TELEVISION/CABLE RISER BOX
TRAFFIC SIGNAL
TRAFFIC CONTROL BOX
UTILITY POLE
WASTE WATER MANHOLE
WATER HYDRANT
WATER BLOW OFF
WATER MANHOLE
WATER PRIVATE WELL
WATER STOP BOX
WATER VALVE
WATER YARD HYDRANT
30" RCP — STORM DRAINAGE
24" WASTE WATER — WASTE WATER
8" WATER — WATER

LEGEND - SURVEY (NON SURVEYED UTILITIES)

UG — GAS LINE
UE — ELECTRICAL SERVICE
OE — ELECTRICAL SERVICE OVERHEAD
8" UWW — WASTE WATER
8" RCP USD — STORM DRAINAGE
8" UW — WATER
UT — TELEPHONE LINE
OT — TELEPHONE LINE OVERHEAD
UFO — FIBER OPTIC TELE. LINE
UTV — TELEVISION/CABLE TV LINE
OTV — TELEVISION/CABLE TV LINE OVERHEAD
TRAFFIC SIGNAL

LEGEND - SURVEY (MISC.)

BM — BENCH MARK
BORING
48" FENCE — FENCE - R.O.W. OR WIRE
36" FENCE — FENCE - CHAIN LINK
60" FENCE — FENCE - PICKET, PRIVACY OR SPLIT RAIL
FLOWLINE
GUARDRAIL
HEAD STONE
MAILBOX
RAILROAD CROSSING SIGNAL
RAILROAD SWITCH
RAILROAD TRACKS
6' BLOCK WALL — RETAINING WALL
SIGN
WATER EDGE
NDOT PROJECT

LEGEND - SURVEY (LANDSCAPE)

2' — BUSH - CONIFEROUS
2' — BUSH - DECIDUOUS
BUSH - CONIFEROUS BUSH ROW
BUSH - DECIDUOUS BUSH ROW
8" — STUMP - < 12"
18" — STUMP - 12" TO 23"
28" — STUMP - 24" TO 35"
38" — STUMP - > 36"
TREE - CONIFEROUS MASS PERIM.
8" — TREE - CONIFEROUS < 12"
18" — TREE - CONIFEROUS 12" TO 23"
28" — TREE - CONIFEROUS 24" TO 35"
38" — TREE - CONIFEROUS > 36"
TREE - CONIFEROUS TREE LINE
TREE - DECIDUOUS MASS PERIM.
8" — TREE - DECIDUOUS < 12"
18" — TREE - DECIDUOUS 12" TO 23"
28" — TREE - DECIDUOUS 24" TO 36"
38" — TREE - DECIDUOUS > 36"
TREE - DECIDUOUS TREE LINE
8" — TREE REMOVAL

LEGEND - EROSION & SEDIMENT CONTROL

SYNTHETIC FABRIC SILT FENCE
B B — SEEDING, TYPE 'B'
Type 1 ECB — EROSION CONTROL BLANKET - TYPE 1
SODDING
SELECT TOPSOIL

LEGEND - TRAFFIC SIGNAL AND LIGHTING

MAINLINE CONDUIT GROUP TRENCH
MAINLINE CONDUIT GROUP BORED
CONDUIT IN TRENCH
CONDUIT BORED
CONCRETE ANCHOR
CONDUIT PLUG
CONTROLLER & PAD
DOWN GUY
DYNAMIC MESSAGE SIGN
ELECTRIC METER PEDESTAL
EMERGENCY DETECTOR
FIBER MARKER
GROUND
HEAD BS-1, T31
HEAD PS-1, T13C
HEAD TS-1, T11 & TS-1, T12
HEAD TS-1, T31
HEAD TS-1L, T32
HEAD TS-1R, T33
HEAD TS-1L, T34
HEAD TS-1R, T35
HEAD TS-1LL, T41
HEAD TS-1RR, T41
HEAD TS-1RR, T52
HEAD, PREPARE TO STOP
HEAD, SPEED ZONE
LED MESSAGE SIGN
LUMINAIRE
MAST ARM
METRO STREET NAME SIGN
OVERHEAD CABLE
PEDESTRIAN PUSH BUTTON (PPB)
PEDESTRIAN PUSH BUTTON AUDIBLE (PPBA)
POLE WITH FOUNDATION
POLE, STREET LIGHT
POLE, WOOD
POWER PEDESTAL
POWER POLE
POWER TRANSFORMER
PULL BOX
PULL BOX, T48
RADIO ANTENNA
RISER
SIGN ON ARM
SPAN WIRE
SPLICE, DIRECT BURIED
SPEED — SPEED INDICATOR — SPEED
MONITORING CAMERA
TRAFFIC MONITORING POLE
RECTANGULAR RAPID FLASHING BEACON
VEHICLE DETECTOR
VEHICLE DETECTOR PUCKS
VEHICLE DETECTOR CAMERA

CONDUIT DESIGNATIONS

B is Conduit Bored (ie..3" B)
T is Conduit Trenched (ie..3" T)

LEGEND - RIGHT-OF-WAY

LOT CORNER
RIGHT-OF-WAY
EXISTING CONTROL ACCESS
EXISTING PERMANENT EASEMENT
EXISTING ROW
PROPERTY LINE

LEGEND - PROPOSED (MISC.)

PROPOSED RETAINING WALL
ASPHALT SURFACE
CONCRETE DRIVEWAY
CONCRETE PAVEMENT
CONCRETE SIDEWALK
TACK ON MEDIAN

TRAFFIC SIGNAL CABLE DESIGNATIONS

C is conductor (ie.. 3/C)
CC is Coaxial Cable
CCC is Camera Control Cable
CDC is Camera Detector Cable
CG is Circuit Ground
CPC is Camera Power Cable
DB is Direct Buried
ECC is Ethernet Communication Cable
ECU is Empty, City Use Only
EDC is Emergency Detector Cable
EX is Existing
INS is Install
INT is Intraduct
LC is Lead-In Cable
MM is Multi Mode Fiber Cable
NO is Number
PR is Pair of Communication (ie.. 6 PR)
REL is Relocate
REM is Remove
SC is Service Cable
SL is Street Light
SM is Single Mode Fiber Cable
ETW is Electric Tracer Wire
Cable is new if no designation

GENERAL NOTES:

ALL SURVEY WAS DONE BY ELECTRONIC INSTRUMENT. ALL ELEVATIONS SHOWN ARE NAVD 88.

GEOMETRICS & DIMENSIONS ON THIS PROJECT ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

TREES TO BE REMOVED ONLY UPON APPROVAL OF THE FIELD ENGINEER.

2023 LINCOLN STANDARD PLANS SHALL BE USED WHERE APPLICABLE. REVISIONS AVAILABLE ON REQUEST FROM ENGINEERING SERVICES OR ARE AVAILABLE ON LINE AT lincoln.ne.gov keyword: Standard

CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES, THROUGH THE USE OF POTHOLING, EXCAVATION, OR OTHER MEANS, PRIOR TO CONSTRUCTION ON THIS PROJECT.

CONTACT TRAFFIC ENGINEERING FOR THE REMOVAL AND RESETTING OF ANY SIGNS.

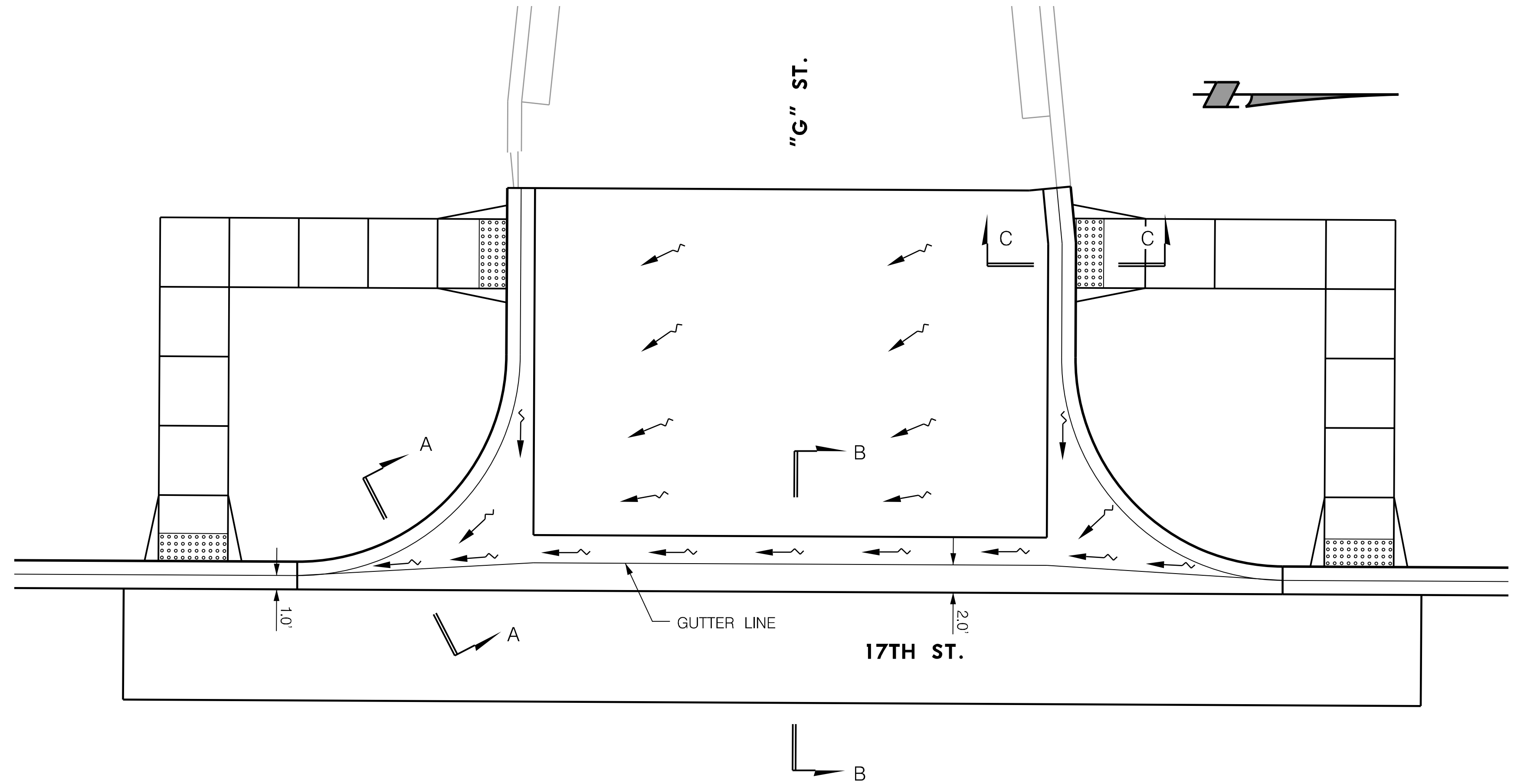
THE BASE MATERIAL BELOW THE ASPHALT SURFACE COURSE VARIES ALONG THE PROJECT LENGTH AND INCLUDES BRICK, ASPHALT, AND CONCRETE. EXACT LOCATIONS OF DIFFERENT BASE MATERIALS ARE NOT KNOWN. CORE SAMPLES AND SITE OBSERVATIONS SHOW BRICK BASE IS PRESENT, IN AT LEAST SOME SEGMENT ALONG 17TH STREET, IN THE FOLLOWING LOCATIONS:
- BETWEEN "E" STREET AND "F" STREET
- AT "F" STREET INTERSECTION
- BETWEEN "J" STREET AND "K" STREET
- BETWEEN "O" STREET AND "N" STREET
- BETWEEN "Q" STREET AND "S" STREET

AREAS OF EXISTING BRICK BASE THAT NEED TO BE RECONSTRUCTED SHALL BE RECONSTRUCTED WITH NEW 8" CONCRETE BASE, LB-3500 ON PREPARED SUBGRADE.

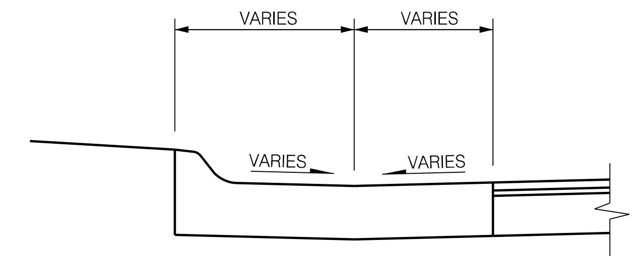
PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

GENERAL NOTES

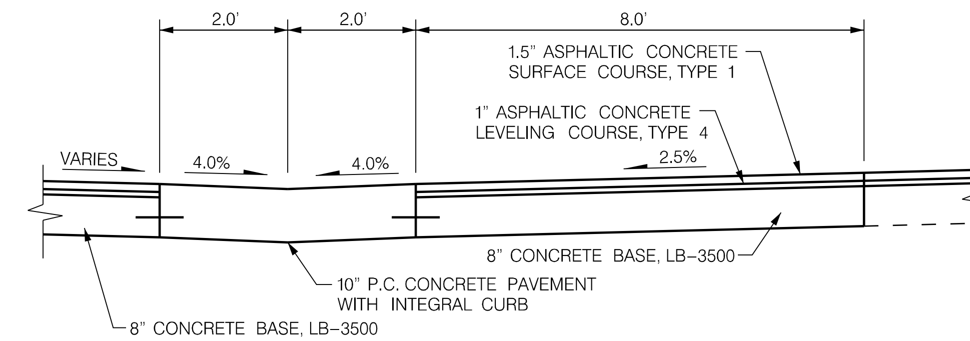
olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225		705563	7
		Date: 06\03\2024	Drawn: JJW
		NOT TO SCALE	Checked: RSM Approved: JGO



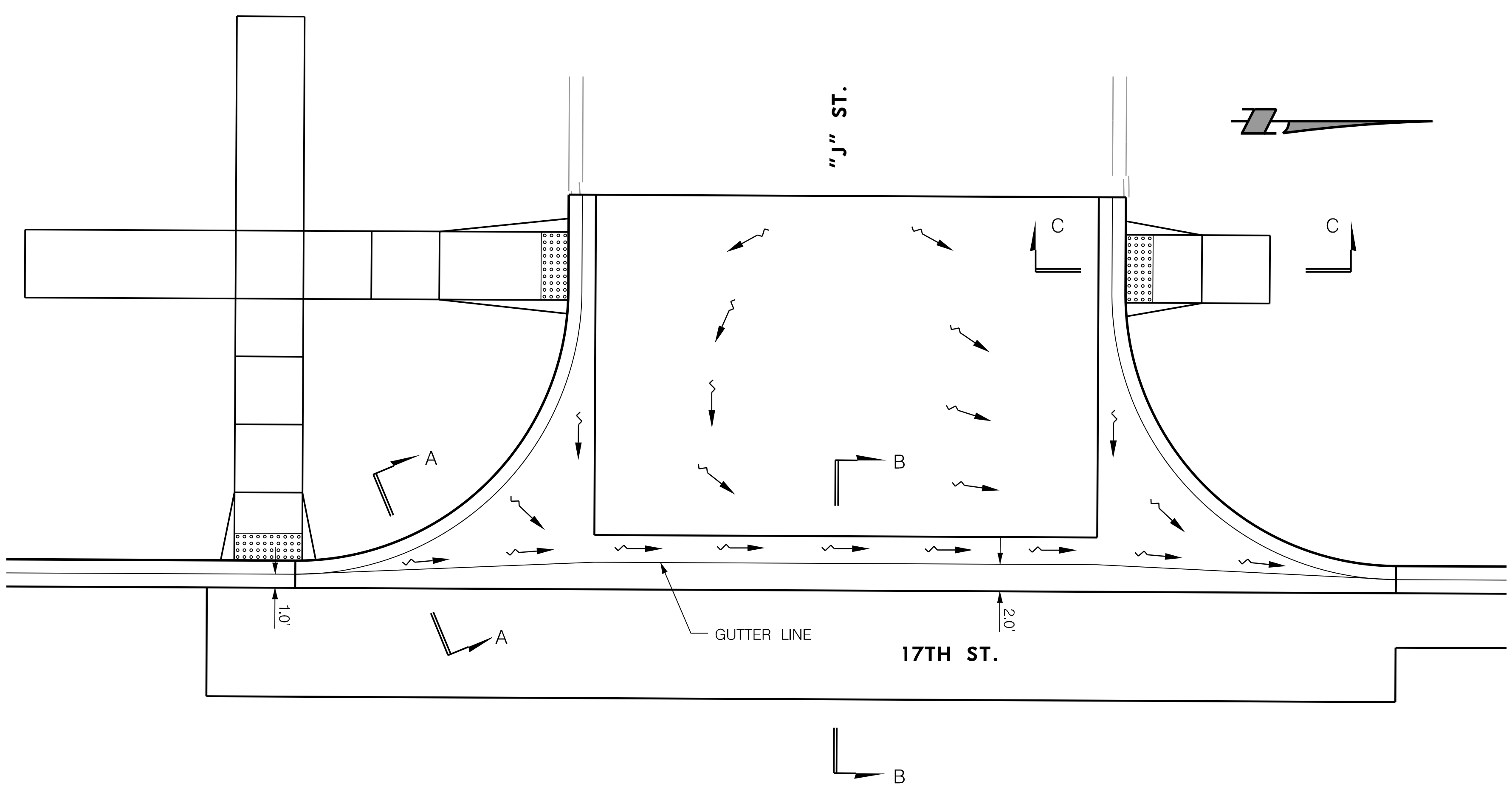
"G" STREET PLAN VIEW



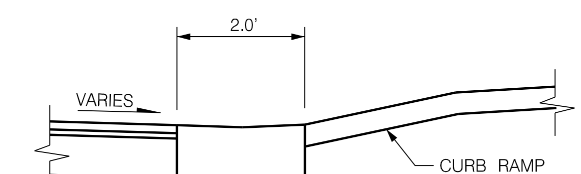
SECTION A-A



SECTION B-B



"J" STREET PLAN VIEW



SECTION C-C

LEGEND

DRAINAGE FLOW PATH

NOTE: SIDE ROAD PAVEMENT SHALL BE WARPPED TO DRAIN TO CONCRETE VALLEY GUTTER ALONG 17TH STREET. REFER TO JOINTS AND GRADES FOR PAVEMENT ELEVATIONS.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

DETAILS
CONCRETE VALLEY GUTTER

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\BW_PENTABLE.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\Sheets\General\705563HC01.DGN

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	8
Date: 06\03\2024	Drawn: JJW
NOT TO SCALE	Checked: RSM
	Approved: JGO

SOUTH/NORTH 17TH STREET

(1) P.O.B. STA. 96+00.00 – ℄ S 17TH ST.
N = 199678.49, E = 161660.27

(2) P.I. STA. 98+94.84 – ℄ S 17TH ST.
N = 199973.32, E = 161663.09
Δ = 12° 02'04.31" LT.
R = 600.00'
T = 63.25'
L = 126.03'
D = 9° 32'57.47"
P.C. STA. 98+31.60 – ℄ S 17TH ST.
N = 199910.08, E = 161662.49
P.T. STA. 99+57.62 – ℄ S 17TH ST.
N = 200035.30, E = 161650.50

(3) P.I. STA. 101+56.20 – ℄ S 17TH ST.
N = 200229.91, E = 161610.96
Δ = 11° 40'05.99" RT.
R = 800.00'
T = 81.74'
L = 162.92'
D = 7° 09'43.10"
P.C. STA. 100+74.46 – ℄ S 17TH ST.
N = 200149.80, E = 161627.23
P.T. STA. 102+37.38 – ℄ S 17TH ST.
N = 200311.65, E = 161611.22

(4) P.I. STA. 104+13.56 – ℄ S 17TH ST.
Δ = 00° 05'51.31" RT.
N = 200487.83, E = 161611.78

(5) P.I. STA. 148+62.12 – ℄ S 17TH ST.
Δ = 00° 00'55.37" RT.
N = 204936.34, E = 161633.51

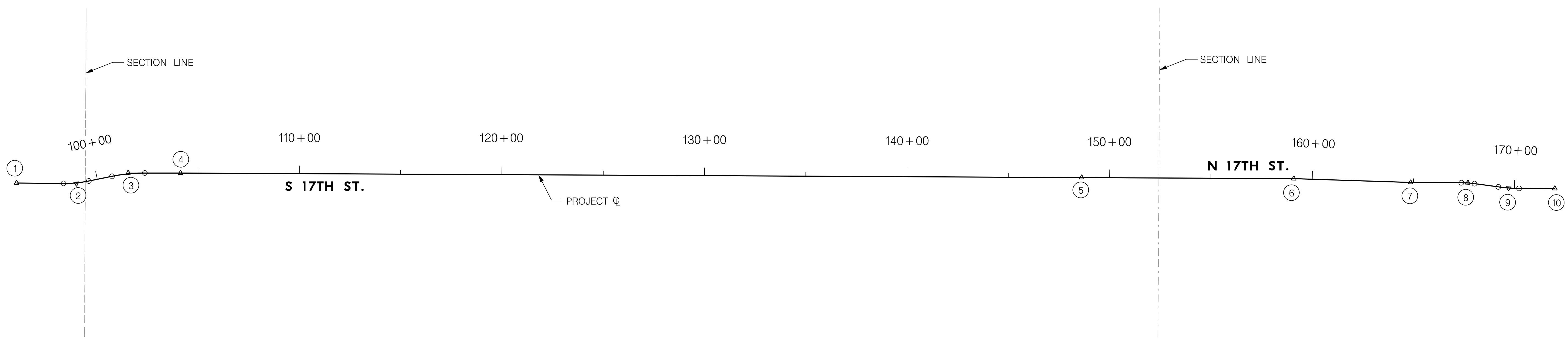
(6) P.I. STA. 159+09.30 – ℄ N 17TH ST.
Δ = 01° 35'17.19" RT.
N = 205983.50, E = 161638.91

(7) P.I. STA. 164+85.90 – ℄ N 17TH ST.
Δ = 01° 37'12.99" LT.
N = 206559.78, E = 161657.86

(8) P.I. STA. 167+69.11 – ℄ N 17TH ST.
N = 206842.99, E = 161659.16
Δ = 7° 28'08.14" RT.
R = 500.00'
T = 32.64'
L = 65.18'
D = 11° 27'32.96"
P.C. STA. 167+36.47 – ℄ N 17TH ST.
N = 206810.36, E = 161659.01
P.T. STA. 168+01.65 – ℄ N 17TH ST.
N = 206875.33, E = 161663.55

(9) P.I. STA. 169+71.91 – ℄ N 17TH ST.
N = 207044.05, E = 161686.46
Δ = 7° 22'08.85" LT.
R = 800.00'
T = 51.52'
L = 102.89'
D = 7° 09'43.10"
P.C. STA. 169+20.40 – ℄ N 17TH ST.
N = 206993.00, E = 161679.53
P.T. STA. 170+23.29 – ℄ N 17TH ST.
N = 207095.56, E = 161686.79

(10) P.O.E. STA. 172+00.00 – ℄ N 17TH ST.
N = 207272.27, E = 161687.91



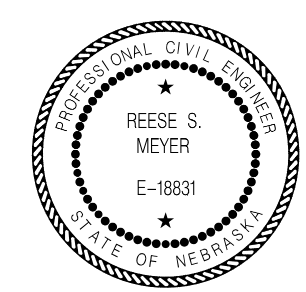
CONTROL POINTS				
POINT	NORTH	EAST	ELEVATION	DESCRIPTION
600	202660.879	162991.017	1167.14	CTR 25-10-06 L23T
1001	200046.155	161617.111	1190.73	3/4" REBAR
1002	200909.245	161651.897	1188.16	3/4" REBAR
1003	201736.082	161587.131	1185.23	3/4" REBAR
1004	202476.748	161653.225	1189.65	3/4" REBAR
1005	203372.111	161659.907	1188.16	3/4" REBAR
1006	204157.429	161577.941	1178.63	3/4" REBAR
1007	204873.637	161664.002	1171.53	3/4" REBAR
1008	205778.289	161611.077	1172.18	3/4" REBAR
1009	200038.820	161609.809	1190.855	CBM SW COR 17TH & A ST.

BENCH MARKS

1. CBM SW CORNER 49' SOUTH OF CENTERLINE A ST, IN LINE WITH CENTERLINE OF 17TH ST (NORTH) ELEV.=1190.855 (N.A.V.D. 1988)

NOTES:

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THIS INCLUDES PRIVATE AND PUBLIC UTILITIES.
2. TREE SIZES ARE THE TRUNK SIZE AT APPROX. 3' FROM GROUND LEVEL. TREE CANOPY SIZES ARE NOT INCLUDED.
3. HORIZONTAL CONTROL IS: LANCASTER COUNTY GRID.



HORIZONTAL AND VERTICAL CONTROL

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USER: rmeyer
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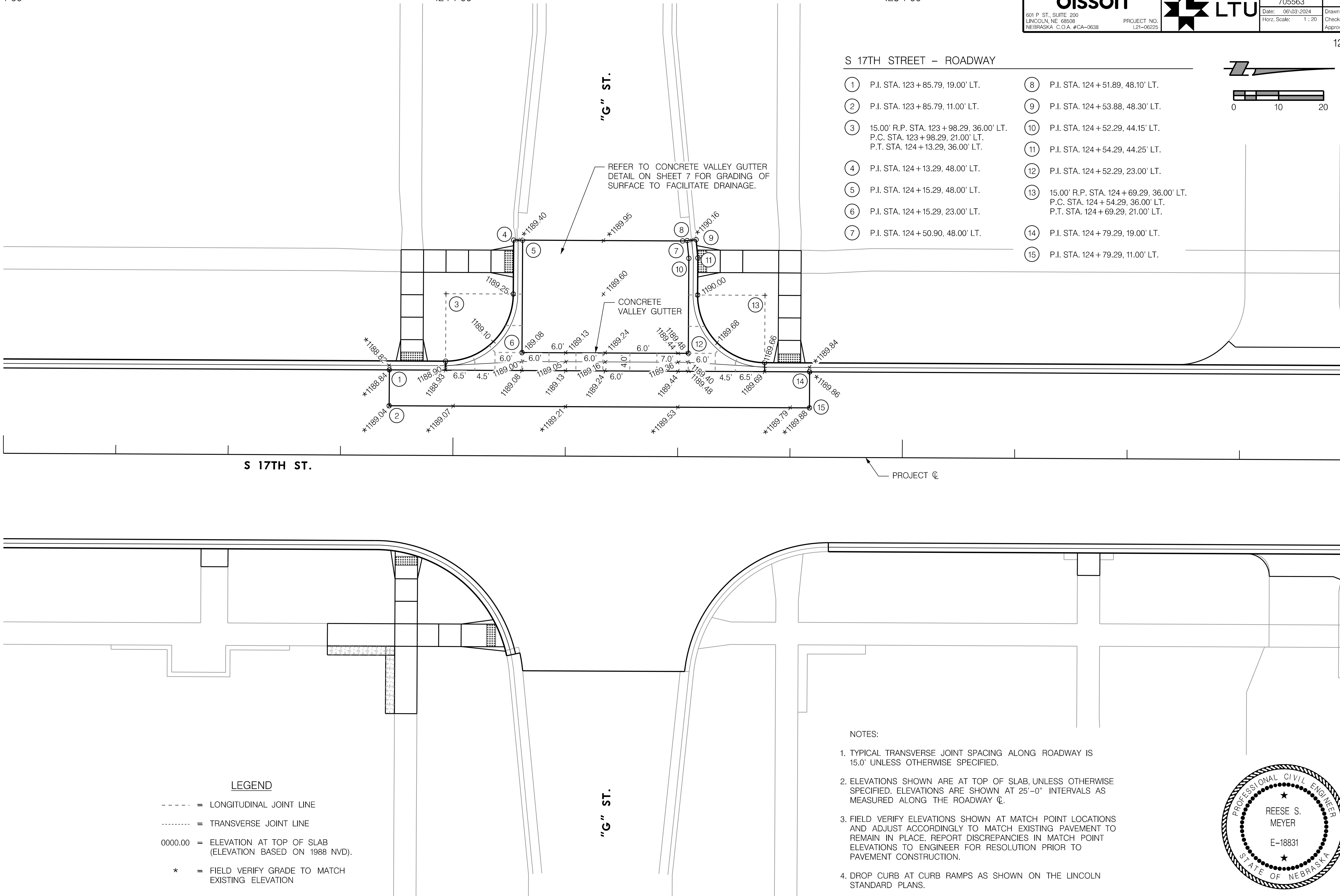
olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	9
Date: 06\03\2024	Drawn: JJW
Horz. Scale: 1 : 20	Checked: RSM
	Approved: JGO



S 17TH STREET – ROADWAY

(1)	P.I. STA. 123+85.79, 19.00' LT.
(2)	P.I. STA. 123+85.79, 11.00' LT.
(3)	15.00' R.P. STA. 123+98.29, 36.00' LT. P.C. STA. 123+98.29, 21.00' LT. P.T. STA. 124+13.29, 36.00' LT.
(4)	P.I. STA. 124+13.29, 48.00' LT.
(5)	P.I. STA. 124+15.29, 48.00' LT.
(6)	P.I. STA. 124+15.29, 23.00' LT.
(7)	P.I. STA. 124+50.90, 48.00' LT.
(8)	P.I. STA. 124+51.89, 48.10' LT.
(9)	P.I. STA. 124+53.88, 48.30' LT.
(10)	P.I. STA. 124+52.29, 44.15' LT.
(11)	P.I. STA. 124+54.29, 44.25' LT.
(12)	P.I. STA. 124+52.29, 23.00' LT.
(13)	15.00' R.P. STA. 124+69.29, 36.00' LT. P.C. STA. 124+54.29, 36.00' LT. P.T. STA. 124+69.29, 21.00' LT.
(14)	P.I. STA. 124+79.29, 19.00' LT.
(15)	P.I. STA. 124+79.29, 11.00' LT.

LEGEND

- - - - - = LONGITUDINAL JOINT LINE

.... = TRANSVERSE JOINT LINE

0000.00 = ELEVATION AT TOP OF SLAB (ELEVATION BASED ON 1988 NVD).

* = FIELD VERIFY GRADE TO MATCH EXISTING ELEVATION

NOTES:

1. TYPICAL TRANSVERSE JOINT SPACING ALONG ROADWAY IS 15.0' UNLESS OTHERWISE SPECIFIED.
2. ELEVATIONS SHOWN ARE AT TOP OF SLAB, UNLESS OTHERWISE SPECIFIED. ELEVATIONS ARE SHOWN AT 25'–0" INTERVALS AS MEASURED ALONG THE ROADWAY ℄.
3. FIELD VERIFY ELEVATIONS SHOWN AT MATCH POINT LOCATIONS AND ADJUST ACCORDINGLY TO MATCH EXISTING PAVEMENT TO REMAIN IN PLACE. REPORT DISCREPANCIES IN MATCH POINT ELEVATIONS TO ENGINEER FOR RESOLUTION PRIOR TO PAVEMENT CONSTRUCTION.
4. DROP CURB AT CURB RAMPS AS SHOWN ON THE LINCOLN STANDARD PLANS.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

GEOMETRICS, JOINTS & GRADES
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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DATE: 06\03\2024
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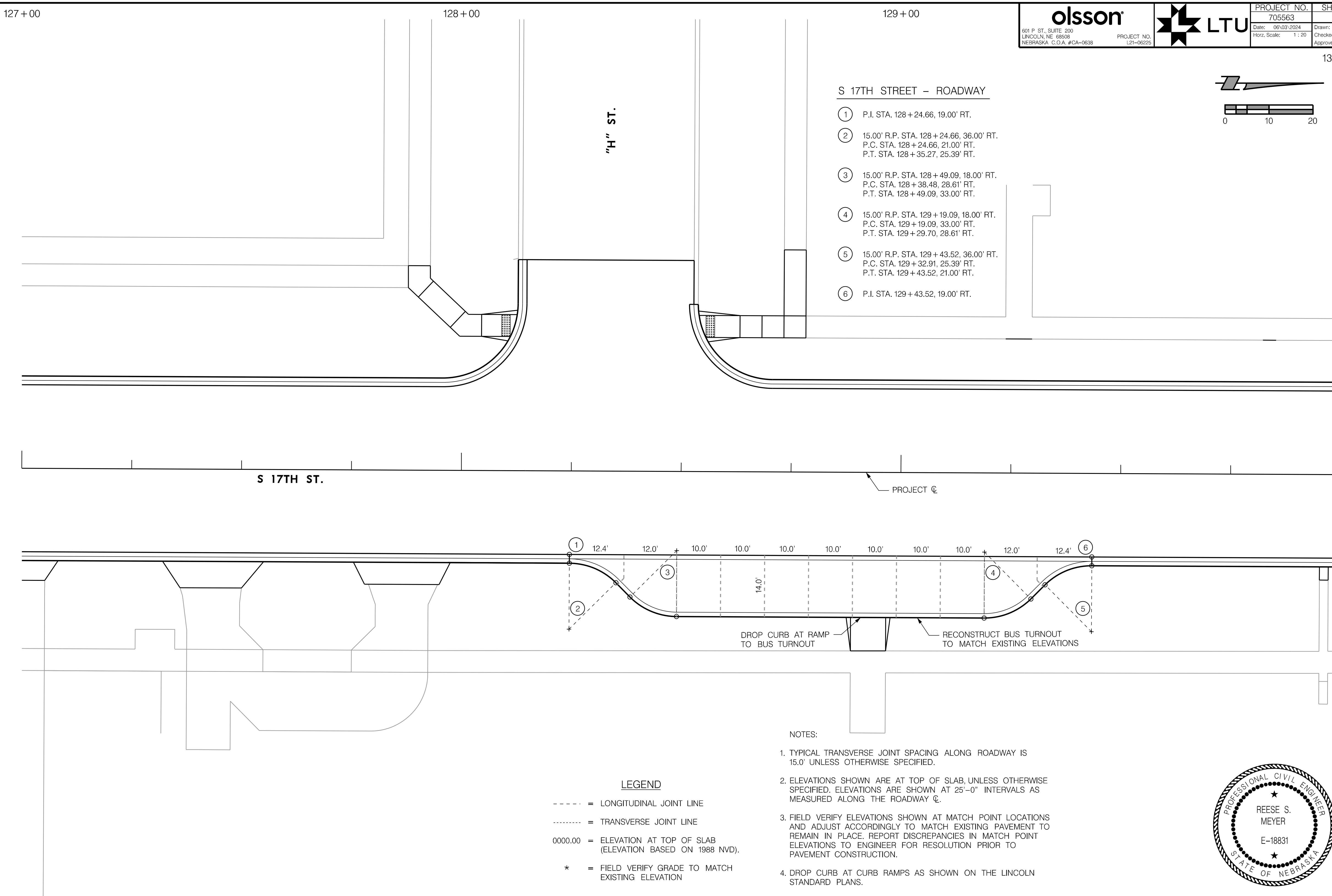
olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225		705563	10
		Date: 06\03\2024	Drawn: JJW
		Horz. Scale: 1 : 20	Checked: RSM
			Approved: JGO



S 17TH STREET – ROADWAY

1. P.I. STA. 128+24.66, 19.00' RT.
2. 15.00' R.P. STA. 128+24.66, 36.00' RT.
   P.C. STA. 128+24.66, 21.00' RT.
   P.T. STA. 128+35.27, 25.39' RT.
3. 15.00' R.P. STA. 128+49.09, 18.00' RT.
   P.C. STA. 128+38.48, 28.61' RT.
   P.T. STA. 128+49.09, 33.00' RT.
4. 15.00' R.P. STA. 129+19.09, 18.00' RT.
   P.C. STA. 129+19.09, 33.00' RT.
   P.T. STA. 129+29.70, 28.61' RT.
5. 15.00' R.P. STA. 129+43.52, 36.00' RT.
   P.C. STA. 129+32.91, 25.39' RT.
   P.T. STA. 129+43.52, 21.00' RT.
6. P.I. STA. 129+43.52, 19.00' RT.

LEGEND

- - - - - = LONGITUDINAL JOINT LINE

.... = TRANSVERSE JOINT LINE

0000.00 = ELEVATION AT TOP OF SLAB (ELEVATION BASED ON 1988 NVD).

* = FIELD VERIFY GRADE TO MATCH EXISTING ELEVATION

NOTES:

1. TYPICAL TRANSVERSE JOINT SPACING ALONG ROADWAY IS 15.0' UNLESS OTHERWISE SPECIFIED.
2. ELEVATIONS SHOWN ARE AT TOP OF SLAB, UNLESS OTHERWISE SPECIFIED. ELEVATIONS ARE SHOWN AT 25'-0" INTERVALS AS MEASURED ALONG THE ROADWAY ℄.
3. FIELD VERIFY ELEVATIONS SHOWN AT MATCH POINT LOCATIONS AND ADJUST ACCORDINGLY TO MATCH EXISTING PAVEMENT TO REMAIN IN PLACE. REPORT DISCREPANCIES IN MATCH POINT ELEVATIONS TO ENGINEER FOR RESOLUTION PRIOR TO PAVEMENT CONSTRUCTION.
4. DROP CURB AT CURB RAMPS AS SHOWN ON THE LINCOLN STANDARD PLANS.

PROFESSIONAL CIVIL ENGINEER
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STATE OF NEBRASKA

GEOMETRICS, JOINTS & GRADES
S 17TH STREET

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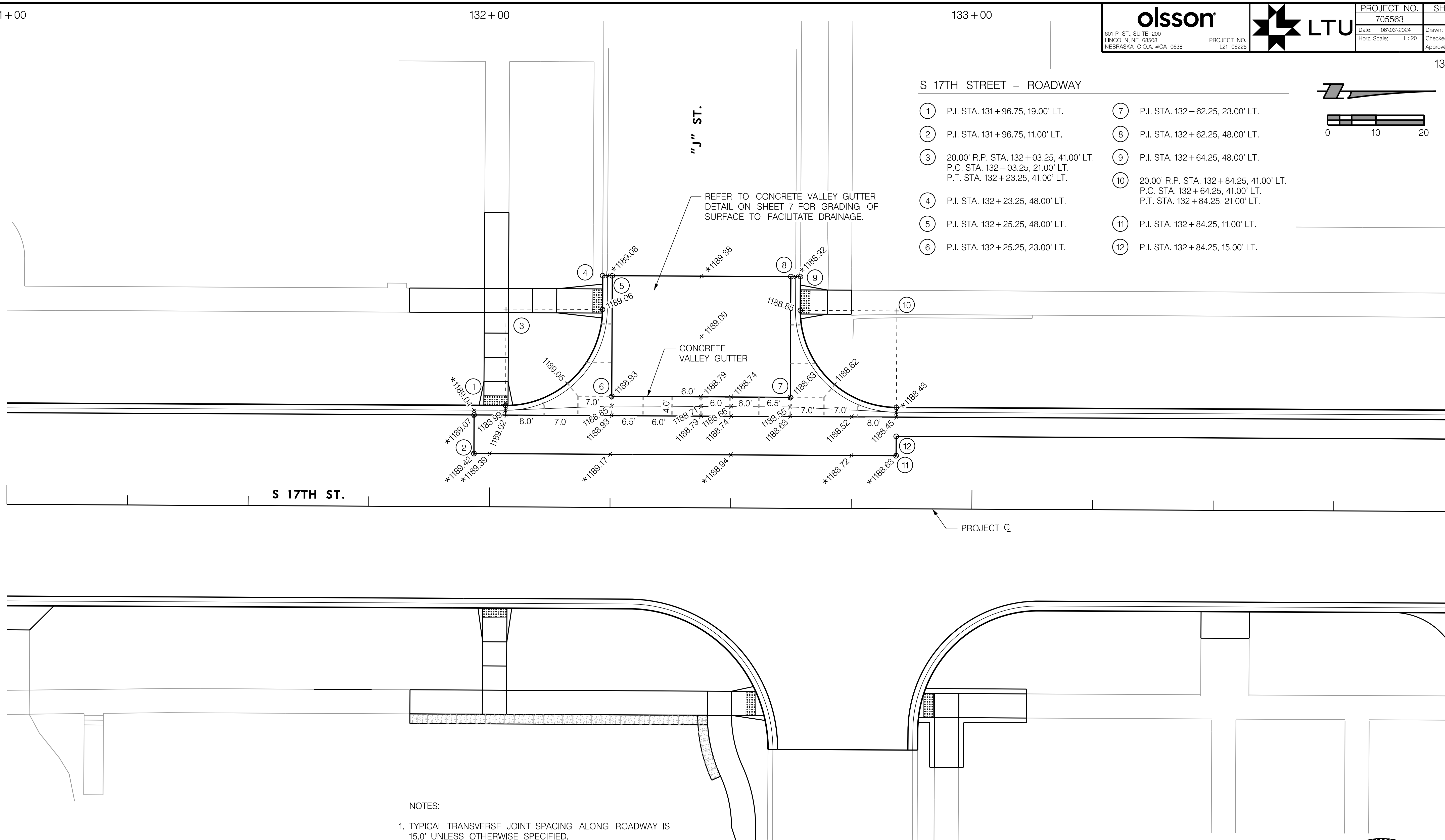
olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	11
Date: 06\03\2024	Drawn: JJW
Horz. Scale: 1 : 20	Checked: RSM
	Approved: JGO



S 17TH STREET – ROADWAY

1. P.I. STA. 131+96.75, 19.00' LT.
2. P.I. STA. 131+96.75, 11.00' LT.
3. 20.00' R.P. STA. 132+03.25, 41.00' LT.
   P.C. STA. 132+03.25, 21.00' LT.
   P.T. STA. 132+23.25, 41.00' LT.
4. P.I. STA. 132+23.25, 48.00' LT.
5. P.I. STA. 132+25.25, 48.00' LT.
6. P.I. STA. 132+25.25, 23.00' LT.
7. P.I. STA. 132+62.25, 23.00' LT.
8. P.I. STA. 132+62.25, 48.00' LT.
9. P.I. STA. 132+64.25, 48.00' LT.
10. 20.00' R.P. STA. 132+84.25, 41.00' LT.
    P.C. STA. 132+64.25, 41.00' LT.
    P.T. STA. 132+84.25, 21.00' LT.
11. P.I. STA. 132+84.25, 11.00' LT.
12. P.I. STA. 132+84.25, 15.00' LT.

NOTES:

1. TYPICAL TRANSVERSE JOINT SPACING ALONG ROADWAY IS 15.0' UNLESS OTHERWISE SPECIFIED.
2. ELEVATIONS SHOWN ARE AT TOP OF SLAB, UNLESS OTHERWISE SPECIFIED. ELEVATIONS ARE SHOWN AT 25'-0" INTERVALS AS MEASURED ALONG THE ROADWAY ℄.
3. FIELD VERIFY ELEVATIONS SHOWN AT MATCH POINT LOCATIONS AND ADJUST ACCORDINGLY TO MATCH EXISTING PAVEMENT TO REMAIN IN PLACE. REPORT DISCREPANCIES IN MATCH POINT ELEVATIONS TO ENGINEER FOR RESOLUTION PRIOR TO PAVEMENT CONSTRUCTION.
4. DROP CURB AT CURB RAMPS AS SHOWN ON THE LINCOLN STANDARD PLANS.

LEGEND

- - - - · = LONGITUDINAL JOINT LINE

·········· = TRANSVERSE JOINT LINE

0000.00 = ELEVATION AT TOP OF SLAB (ELEVATION BASED ON 1988 NVD).

* = FIELD VERIFY GRADE TO MATCH EXISTING ELEVATION

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

GEOMETRICS, JOINTS & GRADES
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225		705563	12
		Date: 06\03\2024	Drawn: JJW
		Horz. Scale: 1 : 20	Checked: RSM
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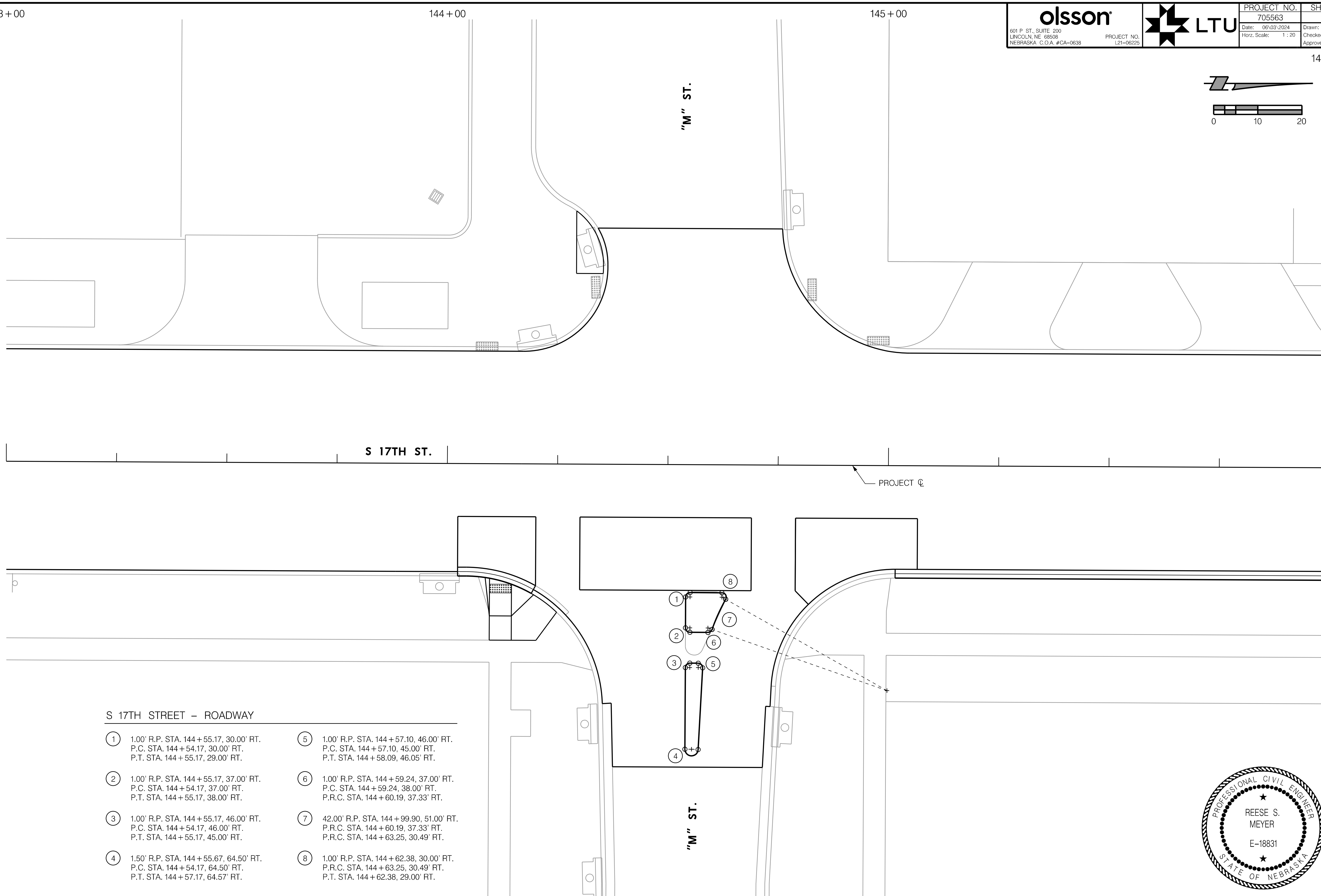

S 17TH STREET – ROADWAY

1. 1.00' R.P. STA. 144+55.17, 30.00' RT.
   P.C. STA. 144+54.17, 30.00' RT.
   P.T. STA. 144+55.17, 29.00' RT.

2. 1.00' R.P. STA. 144+55.17, 37.00' RT.
   P.C. STA. 144+54.17, 37.00' RT.
   P.T. STA. 144+55.17, 38.00' RT.

3. 1.00' R.P. STA. 144+55.17, 46.00' RT.
   P.C. STA. 144+54.17, 46.00' RT.
   P.T. STA. 144+55.17, 45.00' RT.

4. 1.50' R.P. STA. 144+55.67, 64.50' RT.
   P.C. STA. 144+54.17, 64.50' RT.
   P.T. STA. 144+57.17, 64.57' RT.

5. 1.00' R.P. STA. 144+57.10, 46.00' RT.
   P.C. STA. 144+57.10, 45.00' RT.
   P.T. STA. 144+58.09, 46.05' RT.

6. 1.00' R.P. STA. 144+59.24, 37.00' RT.
   P.C. STA. 144+59.24, 38.00' RT.
   P.R.C. STA. 144+60.19, 37.33' RT.

7. 42.00' R.P. STA. 144+99.90, 51.00' RT.
   P.R.C. STA. 144+60.19, 37.33' RT.
   P.R.C. STA. 144+63.25, 30.49' RT.

8. 1.00' R.P. STA. 144+62.38, 30.00' RT.
   P.R.C. STA. 144+63.25, 30.49' RT.
   P.T. STA. 144+62.38, 29.00' RT.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

GEOMETRICS, JOINTS & GRADES
S 17TH STREET

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601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	13
Date: 06\03\2024	Drawn: JJW
Horz. Scale: 1 : 20	Checked: RSM
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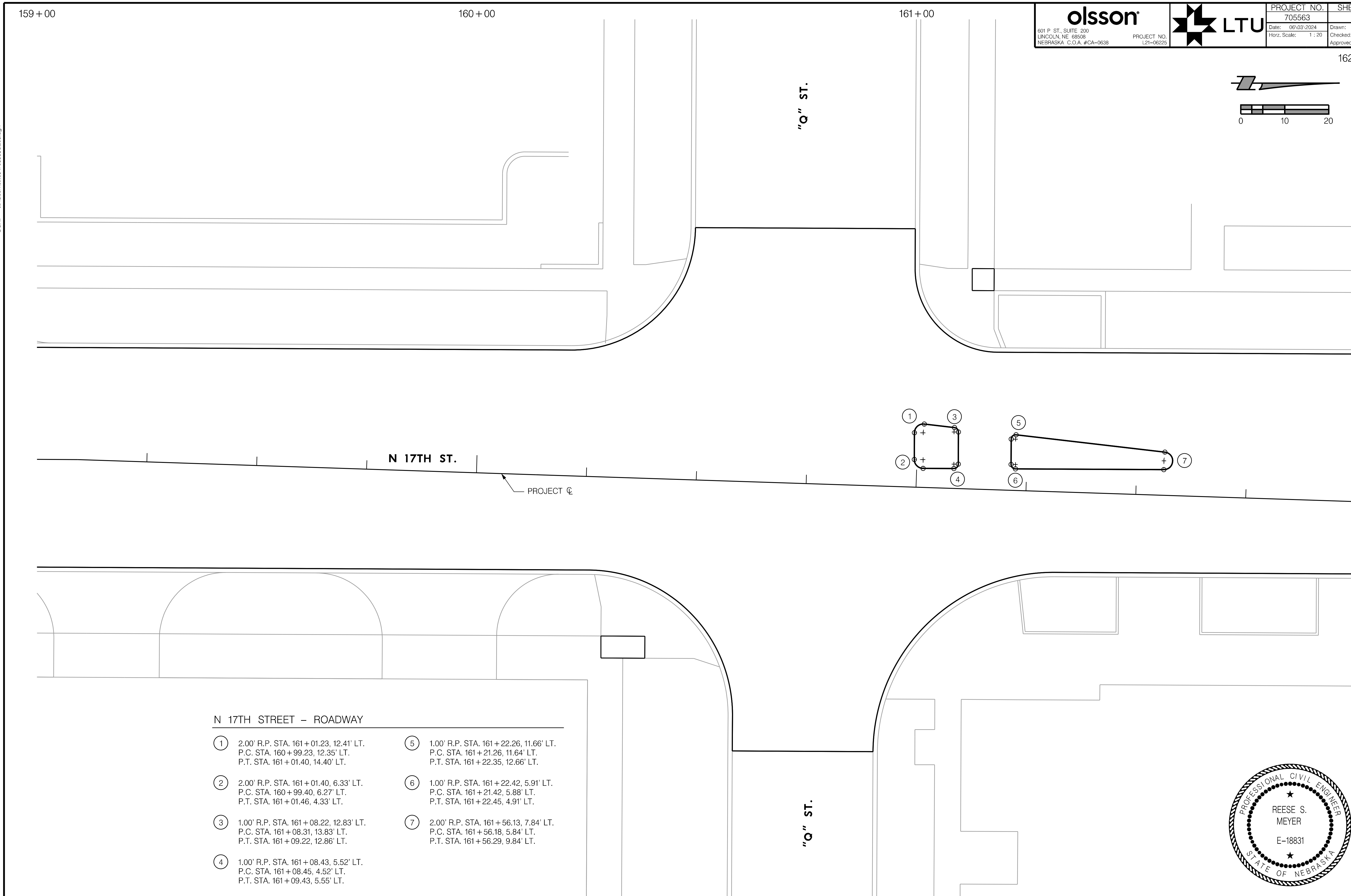

N 17TH STREET – ROADWAY

(1) 2.00' R.P. STA. 161+01.23, 12.41' LT.
P.C. STA. 160+99.23, 12.35' LT.
P.T. STA. 161+01.40, 14.40' LT.

(2) 2.00' R.P. STA. 161+01.40, 6.33' LT.
P.C. STA. 160+99.40, 6.27' LT.
P.T. STA. 161+01.46, 4.33' LT.

(3) 1.00' R.P. STA. 161+08.22, 12.83' LT.
P.C. STA. 161+08.31, 13.83' LT.
P.T. STA. 161+09.22, 12.86' LT.

(4) 1.00' R.P. STA. 161+08.43, 5.52' LT.
P.C. STA. 161+08.45, 4.52' LT.
P.T. STA. 161+09.43, 5.55' LT.

(5) 1.00' R.P. STA. 161+22.26, 11.66' LT.
P.C. STA. 161+21.26, 11.64' LT.
P.T. STA. 161+22.35, 12.66' LT.

(6) 1.00' R.P. STA. 161+22.42, 5.91' LT.
P.C. STA. 161+21.42, 5.88' LT.
P.T. STA. 161+22.45, 4.91' LT.

(7) 2.00' R.P. STA. 161+56.13, 7.84' LT.
P.C. STA. 161+56.18, 5.84' LT.
P.T. STA. 161+56.29, 9.84' LT.

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STATE OF NEBRASKA

GEOMETRICS, JOINTS & GRADES
N 17TH STREET

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SWPPP GENERAL NOTES

CONSTRUCTION NOTES

THIS SEDIMENT AND EROSION CONTROL PLAN IS INTENDED AS A GENERAL GUIDE FOR IMPLEMENTING EROSION CONTROL MEASURES. SUGGESTED PRACTICES, STRUCTURES, AND MEASURES SHOWN HERE ARE NOT NECESSARILY ALL-INCLUSIVE. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE NPDES GENERAL PERMIT (NER110000) AND ANY APPLICABLE CITY OF LINCOLN, LPSNRD, NDEE, AND EPA REGULATIONS AND GUIDELINES. ACTUAL LOCATION AND CONFIGURATION OF FILL AREAS AND CONSTRUCTION EASEMENTS MAY DIFFER FROM THAT SHOWN BASED ON AVAILABILITY OF R.O.W. EASEMENTS, ROAD TRAFFIC ISSUES, CONSTRUCTION METHODS USED AND OTHER FACTORS. PLACEMENT AND GRADING OF THE FILL MAY OCCUR CONTINUOUSLY OR IN MULTIPLE SEGMENTS, DEPENDING ON CONSTRUCTION METHODS USED AND AVAILABILITY OF CONSTRUCTION CREWS, EQUIPMENT AND MATERIALS.

WHERE APPLICABLE, CONSTRUCTION OF EROSION PROTECTION MEASURES SHALL BE COMPLETED PRIOR TO BEGINNING OF CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND RESTORATION OF GRADE AND VEGETATION IN DISTURBED AREAS, CONTRACTOR SHALL REMOVE ALL TEMPORARY SEDIMENT CONTROL MEASURES, CLEAN OUT STORM SEWER INLETS OR DRAINAGE STRUCTURES, EXCAVATE SEDIMENT DEPOSITS, REGRADE, AND SEED AND MULCH DISTURBED AREAS.

SPILLS OF HAZARDOUS MATERIALS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY. ANY CONTAMINATED SOILS OR MATERIALS SHALL BE REMOVED AND TREATED OR DISPOSED OF (AS APPROPRIATE) IN ACCORDANCE WITH NDEE AND EPA GUIDELINES.

UPON COMPLETION OF THE GRADING, CONTRACTOR SHALL ASSURE ALL DISTURBED AREAS HAVE BEEN REGRADED, STABILIZED AND SEEDED (IF REQUIRED). ANY AREAS THAT SHOW SIGNS OF CONTINUED EROSION SHALL BE PERMANENTLY STABILIZED (IF REQUIRED) BEFORE "NOTICE OF TERMINATION (NOT)" IS SUBMITTED. CONTRACTOR SHALL CLEAN UP ANY SEDIMENT DEPOSITS OR CONSTRUCTION DEBRIS IN, ON, OR AROUND STORM SEWERS AND INLETS, CULVERTS, CHANNELS, STREETS AND CONSTRUCTION SITES.

NOTIFICATIONS

THE CITY OF LINCOLN, NEBRASKA AND NEBRASKA DEPARTMENT OF ENVIRONMENT AND ENERGY, HAVING REGULATORY JURISDICTION OVER STORMWATER DISCHARGES FROM CONSTRUCTION PROJECTS, MUST BE NOTIFIED AT THE FOLLOWING JUNCTURES OF THE PROJECT. NOTIFICATION FORMS ARE AVAILABLE FROM THE NEBRASKA DEPARTMENT OF ENVIRONMENT AND ENERGY.

1. THIS STORMWATER POLLUTION PREVENTION PLAN AND THE ACCOMPANYING NPDES GENERAL PERMIT APPLICATION FORM CONSTITUTE THE "NOTICE OF INTENT" (NOI) FOR THIS PROJECT.
2. IF THERE ARE CHANGES OR UPDATES TO THE STORMWATER POLLUTION PREVENTION PLAN, THE CONTRACTOR SHALL DOCUMENT THOSE CHANGES IN THE SEDIMENT AND EROSION CONTROL PLAN BY REVISION OR ADDENDUM TO THE PLAN. SIGNIFICANT CHANGES SHALL BE COORDINATED WITH AND APPROVED BY THE CITY OF LINCOLN AND NEBRASKA DEPARTMENT OF ENVIRONMENT AND ENERGY.
3. A "NOTICE OF TERMINATION (CSW-NOT)" FORM SHALL BE FILED AFTER ALL PHASES OR SEGMENTS OF CONSTRUCTION ARE COMPLETED AND APPROPRIATE SITE STABILIZATION HAS BEEN ACHIEVED AT ALL CONSTRUCTION SITES. IT IS THE CONTRACTORS RESPONSIBILITY TO INFORM THE RESPONSIBLE INDIVIDUALS AT THE CITY OF LINCOLN THAT CONSTRUCTION AND SITE STABILIZATION ARE COMPLETED WITHIN 72 HOURS OF THE COMPLETION OF CONSTRUCTION ACTIVITIES. THE RESPONSIBLE INDIVIDUALS AT THE CITY OF LINCOLN SHALL THEN SUBMIT THE CSW-NOT TO THE NDEE WITHIN 72 HOURS OF THE COMPLETION OF CONSTRUCTION ACTIVITIES. THIS NOTICE CONSISTS OF THE ONE-PAGE CSW-NOT FORM AND IS CONTAINED IN THE SWPPP.
4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN, AS WELL AS ALL INSPECTION NOTES AT THE SITE. THE CONTRACTOR SHOULD DESIGNATE A RESPONSIBLE PERSON ON THE JOB SITE TO MANAGE THE IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN, AS WELL AS COORDINATE WITH THE CITY OF LINCOLN AND NEBRASKA DEPARTMENT OF ENVIRONMENT AND ENERGY PERSONNEL DURING ON-SITE INSPECTIONS.
5. THE CITY OF LINCOLN REQUIRES ALL SWPPP INSPECTION REPORTS TO BE SUBMITTED ELECTRONICALLY THROUGH THE NDEE CSW STORMWATER PORTAL (HTTPS://ECMP.NEBRASKA.GOV/DEQ-CSW) WITHIN FIVE (5) CALENDAR DAYS OF WHEN THE LAST INSPECTION WAS CONDUCTED.

SUPPLEMENTAL NOTES

1. THE CONSTRUCTION ENTRANCE(S)/EXIT(S) IN COMPLIANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS SHOWN ON THE PLANS SHALL BE CONSTRUCTED BY THE CONTRACTOR AT ANY POINT WHERE VEHICULAR TRAFFIC WILL BE ENTERING OR LEAVING THE CONSTRUCTION SITE.
2. CONTRACTOR SHALL CLEAN VEHICLES AND EQUIPMENT BEFORE EXITING CONSTRUCTION SITE, TO PREVENT NEGATIVE IMPACTS TO ADJACENT ROADS. CONTRACTOR SHALL CLEAN ANY CONSTRUCTION RELATED SEDIMENT OR DEBRIS FROM NEIGHBORING STREETS, ON A DAILY BASIS, IMMEDIATELY AFTER SIGNIFICANT BUILDUP, OR AS REQUIRED.
3. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR ACCORDING TO THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, SWPPP AND PLAN DETAILS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SEDIMENT CONTROL MEASURES UNTIL PERMANENT IS ESTABLISHED. PERMANENT COVER IS CONSIDERED TO BE ACHIEVED WHEN A UNIFORM DENSITY OF 70 PERCENT OF THE NATIVE BACKGROUND VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL NON-IMPERVIOUS SURFACES.
5. FOLLOWING SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION (IF REQUIRED) SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER CONTROLS, TOPSOIL STOCKPILES, AND ANY OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE WHICH ARE NOT BEING USED FOR MATERIAL STORAGE, OR ON WHICH ACTUAL EARTH MOVING ACTIVITIES ARE NOT BEING PERFORMED.
6. ALL SEDIMENT OR EROSION CONTROL PRACTICES REQUIRED UNDER THIS CONTRACT SHALL BE INSPECTED BY THE CONTRACTOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE BEST MANAGEMENT PRACTICES SHALL BE MADE BY THE CONTRACTOR IMMEDIATELY.

SEEDING NOTES

1. THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS ON THE SLOPE OR AT THE BOTTOM OF THE SLOPES WITH THE APPROPRIATE COVER CROP. THE PERMANENT SEEDING SHALL BE PERFORMED BY THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION AND IN ACCORDANCE WITH THE REQUIREMENTS FOR SEEDING AND MULCHING AS OUTLINED IN THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. RUNOFF FROM THESE AREAS WILL BE CONTAINED BY THE SILT FENCE SEGMENTS.
2. FOR COVER CROP SEEDING REQUIREMENTS, REFER TO THE STANDARD SPECIFICATIONS.

TEMPORARY EROSION CONTROL ITEMS

1. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL ITEMS AS DIRECTED BY THE CITY'S PROJECT MANAGER DURING THE COURSE OF THE CONSTRUCTION AS REQUIRED TO CONTROL EROSION AND SEDIMENT DISCHARGE FROM THE SITE. TEMPORARY EROSION CONTROL ITEMS SHALL CONSIST OF SILT FENCE, TRIANGULAR SEDIMENT BARRIERS AND COMPOSITE FILTER SOCKS. DIRECT PAYMENT SHALL BE MADE FOR THE INSTALLATION OF THESE TEMPORARY ITEMS. MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL ITEMS IS SUBSIDIARY TO THE INSTALLATION PAY ITEM.
2. TEMPORARY EROSION CONTROL ITEMS SHALL BE INSTALLED DURING THE COURSE OF THE GRADING AT SLOPES, ALONG DITCHES AND AT THE INLET TO STORM DRAINAGE PIPES AT THE END OF THE WORK DAY/WEEK TO MINIMIZE EROSION AND PREVENT THE DISCHARGE OF SEDIMENT OFF SITE AS DIRECTED BY THE CITY'S PROJECT MANAGER.
3. INSTALLATION OF THE CURB INLET PROTECTION SHALL BE AS PER PLAN OR MANUFACTURE'S RECOMMENDATION IN A MANNER THAT PONDS WATER AND FILTERS SEDIMENT FROM THE WATER ENTERING THE CURB INLET, BUT NOT IN A MANNER THAT COMPLETELY PLUGS THE INLET, CAUSES FLOODING OUTSIDE OF PUBLIC RIGHT-OF-WAY, OR UNSAFE DRIVING CONDITIONS. INLET PROTECTION IS NOT TO BE INSTALLED ON MOTORING STREETS THAT ARE OPEN TO THROUGH TRAFFIC, AND/OR IF NECESSARY, MUST BE REMOVED AT THE END OF EACH DAY OF CONSTRUCTION.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563CR01.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	15
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

REMOVE & SALVAGE REDSTONE CURB 50.00005		
STATION TO STATION	SIDE	LF
101+89.00 – 103+00.00	LT. & RT.	135

PAVEMENT AND SIDEWALK REMOVAL 01.04001		
STATION TO STATION	SIDE	CY
101+89.00 – 103+00.00	LT. & RT.	53

SAWING 01.05001 – 01.09001			
STATION TO STATION	SIDE	TYPE	LF
101+89.00 – 103+00.00	LT. & RT.	'B'	653
101+89.00 – 103+00.00	LT. & RT.	'C'	3
101+89.00 – 103+00.00	LT. & RT.	'D'	39

CONCRETE SIDEWALK 04.09304			
STATION TO STATION	SIDE	THICK	SF
101+89.00 – 103+00.00	RT.	4"	12

COMBINED CURB & GUTTER 04.09601		
STATION TO STATION	SIDE	LF
101+89.00 – 103+00.00	LT. & RT.	135

P.C.C. ALLEY PAVEMENT 04.10006 – 04.10008			
STATION TO STATION	SIDE	THICK	SY
101+89.00 – 103+00.00	LT. & RT.	6"	42

CONCRETE BASE, LB-3500 05.07005 – 05.07008			
STATION TO STATION	SIDE	THICK	SY
101+89.00 – 103+00.00	LT. & RT.	8"	117

SURFACE MILLING 06.04000		
STATION TO STATION	SIDE	SY
101+89.00 – 103+00.00	LT. & RT.	466

ASPHALTIC CONCRETE 06.06001 – 06.06004			
STATION TO STATION	SIDE	TYPE	TON
101+89.00 – 103+00.00	LT. & RT.	1	42
101+89.00 – 103+00.00	LT. & RT.	4	28

SEEDING, TYPE 'B' 30.07001 – 30.07004		
STATION TO STATION	SIDE	AC
101+89.00 – 103+00.00	LT. & RT.	0.04

PARKING SPACE FINISH 02.09001		
STATION TO STATION	SIDE	SY
101+89.00 – 103+00.00	LT. & RT.	81

SELECT TOPSOIL 31.03001		
STATION TO STATION	SIDE	CY
101+89.00 – 103+00.00	LT. & RT.	6

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

NOTE: QUANTITIES REFLECT 25% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	16
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

103+00 104+00 105+00 106+00 107+00 108+00 109+00

ADJUST WATER STOP BOX TO GRADE 01.13002

STATION	SIDE	EA
106+28.69	25.00' LT.	1

REMOVE & SALVAGE REDSTONE CURB 50.00005

STATION TO STATION	SIDE	LF
103+00.00 – 109+00.00	LT. & RT.	690

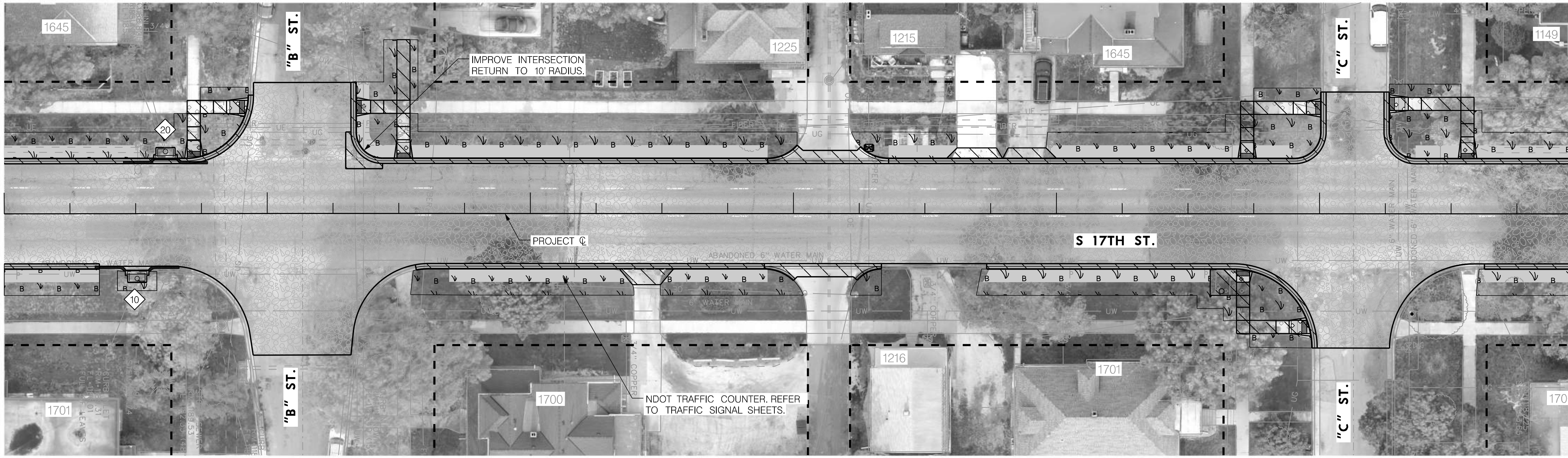
SAWING 01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
103+00.00 – 109+00.00	LT. & RT.	'B'	1,981
103+00.00 – 109+00.00	LT. & RT.	'C'	91
103+00.00 – 109+00.00	LT. & RT.	'D'	124

PAVEMENT AND SIDEWALK REMOVAL 01.04001

STATION TO STATION	SIDE	CY
103+00.00 – 109+00.00	LT. & RT.	222

0 20 40



PARKING SPACE FINISH 02.09001

STATION TO STATION	SIDE	SY
103+00.00 – 109+00.00	LT. & RT.	363

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION 32.04001 – 32.04003

STATION TO STATION	SIDE	EA
103+00.00 – 106+00.00	LT. & RT.	2

SURFACE MILLING 06.04000

STATION TO STATION	SIDE	SY
103+00.00 – 109+00.00	LT. & RT.	3,088

SELECT TOPSOIL 31.03001

STATION TO STATION	SIDE	CY
103+00.00 – 109+00.00	LT. & RT.	26

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

REM EX INLET TOP ONLY 21.13006

STATION	OFFSET	EA
103+50.52	24.08' RT.	1
103+61.33	23.08' LT.	1

CONCRETE DRIVEWAY 04.09405 – 04.09406

STATION TO STATION	SIDE	THICK	SF
103+00.00 – 109+00.00	LT. & RT.	5"	236

COMBINED CURB & GUTTER 04.09601

STATION TO STATION	SIDE	LF
103+00.00 – 109+00.00	LT. & RT.	914

ASPHALTIC CONCRETE 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
103+00.00 – 109+00.00	LT. & RT.	1	279
103+00.00 – 109+00.00	LT. & RT.	4	186

REMOVE & RESET BENCH 50.00001

STATION	SIDE	EA
107+63.00	29' RT.	1

CONCRETE BASE, LB-3500 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
103+00.00 – 109+00.00	LT. & RT.	8"	463

P.C.C. ALLEY PAVEMENT 04.10006 – 04.10008

STATION TO STATION	SIDE	THICK	SY
103+00.00 – 109+00.00	LT. & RT.	6"	44

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE 21.08007

NO.	STATION	OFFSET
10	103+50.52	24.08' RT.
20	103+61.33	23.08' LT.

NOTE: QUANTITIES REFLECT 15% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
103+00.00 – 109+00.00	LT. & RT.	4"	1,014

DETECTABLE WARNING PANELS 04.11001

STATION	SIDE	SF
103+72.10	21.22' LT.	10
103+92.42	40.50' LT.	10
104+33.78	40.50' LT.	10
104+51.77	21.00' LT.	10
107+70.97	21.25' RT.	10
107+72.49	21.00' LT.	10
107+96.06	43.00' RT.	10
108+00.49	40.25' LT.	10
108+26.49	41.75' LT.	10
108+56.24	21.00' LT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
103+72.10	21.22' LT.	E
103+92.42	40.50' LT.	E
104+33.78	40.50' LT.	E
104+51.77	21.00' LT.	E
107+70.97	21.25' RT.	E
107+72.49	21.00' LT.	E
107+96.06	43.00' RT.	E
108+00.49	40.25' LT.	E
108+26.49	41.75' LT.	E
108+56.24	21.00' LT.	E

RECONSTRUCT INLET THROAT 21.08008

NO.	STATION	OFFSET
20	103+61.33	23.08' LT.

CONCRETE SIDEWALK 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
103+00.00 – 109+00.00	LT. & RT.	10"	373

SEEDING, TYPE 'B' 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
103+00.00 – 109+00.00	LT. & RT.	0.21

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: ...RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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DATE: 06\03\2024
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olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	17
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

109+00 110+00 111+00 112+00 113+00 114+00 115+00

0 20 40

REM EX INLET TOP ONLY 21.13006

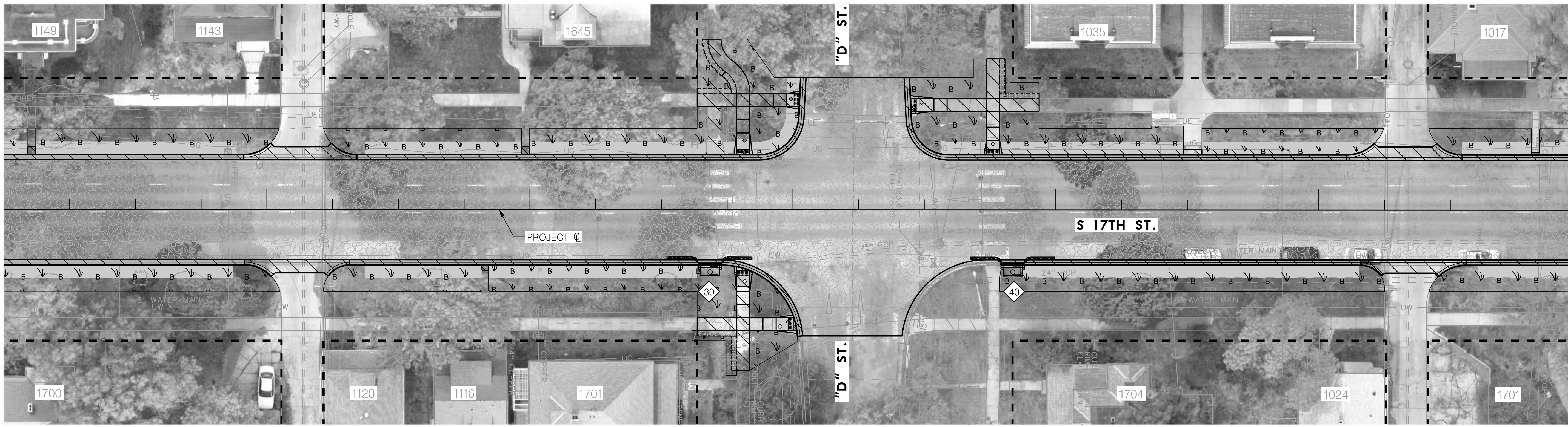
STATION	OFFSET	EA
111+68.51	23.08' RT.	1
112+83.64	23.08' RT.	1

REMOVE & SALVAGE REDSTONE CURB 50.00005

STATION TO STATION	SIDE	LF
109+00.00 – 115+00.00	LT. & RT.	824

PAVEMENT AND SIDEWALK REMOVAL 01.04001

STATION TO STATION	SIDE	CY
109+00.00 – 115+00.00	LT. & RT.	177



SAWING 01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
109+00.00 – 115+00.00	LT. & RT.	'B'	1,827
109+00.00 – 115+00.00	LT. & RT.	'C'	42
109+00.00 – 115+00.00	LT. & RT.	'D'	76

MODULAR BLOCK RET. WALL 07.08030

STATION TO STATION	SIDE	SF
111+63.64 – 111+78.64	LT.	80
111+63.64 – 111+78.64	RT.	60
112+78.64 – 112+93.64	LT.	60

SURFACE MILLING 06.04000

STATION TO STATION	SIDE	SY
109+00.00 – 115+00.00	LT. & RT.	2,849

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
109+00.00 – 115+00.00	LT. & RT.	4"	1,027

CONCRETE SIDEWALK 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
109+00.00 – 115+00.00	LT.	10"	222

COMBINED CURB & GUTTER 04.09601

STATION TO STATION	SIDE	LF
109+00.00 – 115+00.00	LT. & RT.	974

P.C.C. ALLEY PAVEMENT 04.10006 – 04.10008

STATION TO STATION	SIDE	THICK	SY
109+00.00 – 115+00.00	LT. & RT.	6"	80

CONCRETE BASE, LB-3500 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
109+00.00 – 115+00.00	LT. & RT.	8"	284

ASPHALTIC CONCRETE 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
109+00.00 – 115+00.00	LT. & RT.	1	257
109+00.00 – 115+00.00	LT. & RT.	4	171

SEEDING, TYPE 'B' 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
109+00.00 – 115+00.00	LT. & RT.	0.26

DETECTABLE WARNING PANELS 04.11001

STATION	SIDE	SF
111+81.14	22.22' RT.	10
111+81.14	21.00' LT.	10
112+01.06	43.50' RT.	10
112+02.54	41.75' LT.	10
112+44.81	40.00' LT.	10
112+76.14	21.00' LT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
111+81.14	22.22' RT.	E
111+81.14	21.00' LT.	E
112+01.06	43.50' RT.	E
112+02.54	41.75' LT.	E
112+44.81	40.00' LT.	E
112+76.14	21.00' LT.	E

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION 32.04001 – 32.04003

STATION TO STATION	SIDE	EA
109+00.00 – 115+00.00	RT.	2

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE 21.08007

NO.	STATION	OFFSET
30	111+68.51	23.08' RT.
40	112+83.64	23.08' RT.

RECONSTRUCT INLET THROAT 21.08008

NO.	STATION	OFFSET
30	111+68.51	23.08' RT.
40	112+83.64	23.08' RT.

PARKING SPACE FINISH 02.09001

STATION TO STATION	SIDE	SY
109+00.00 – 115+00.00	LT. & RT.	459

SELECT TOPSOIL 31.03001

STATION TO STATION	SIDE	CY
109+00.00 – 115+00.00	LT. & RT.	33

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	18
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

115+00 116+00 117+00 118+00 119+00 120+00 121+00

REMOVE & RESET MONUMENT — 50.00001

STATION	SIDE	EA
120+96.19	21.72' RT.	1

REMOVE & SALVAGE REDSTONE CURB — 50.00005

STATION TO STATION	SIDE	LF
115+00.00 – 121+00.00	LT. & RT.	788

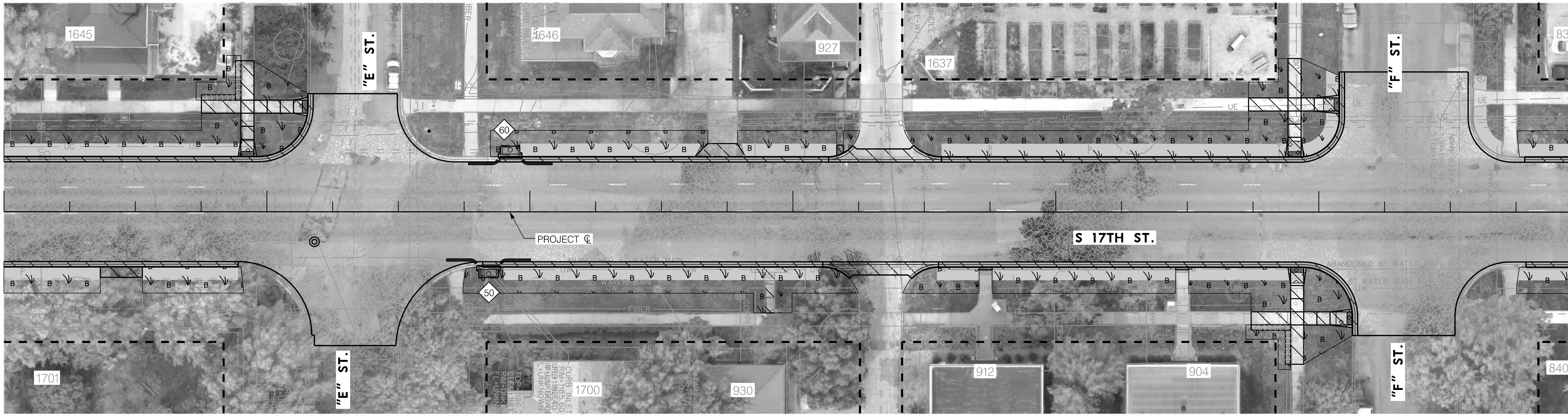
SAWING — 01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
115+00.00 – 121+00.00	LT. & RT.	'B'	2,441
115+00.00 – 121+00.00	LT. & RT.	'C'	74
115+00.00 – 121+00.00	LT. & RT.	'D'	147

PAVEMENT AND SIDEWALK REMOVAL — 01.04001

STATION TO STATION	SIDE	CY
115+00.00 – 121+00.00	LT. & RT.	301

0 20 40



CONCRETE SIDEWALK — 04.09304

STATION TO STATION	SIDE	THICK	SF
115+00.00 – 121+00.00	LT. & RT.	4"	954

CONCRETE SIDEWALK — 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
115+00.00 – 121+00.00	LT. & RT.	10"	221

ADJUST MANHOLE TO GRADE — 01.11001

STATION	SIDE	EA
116+18.09	11.45' RT.	1

REM EX INLET TOP ONLY — 21.13006

STATION	OFFSET	EA
116+84.29	23.08' RT.	1
116+92.52	23.08' LT.	1

ASPHALTIC CONCRETE — 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
115+00.00 – 121+00.00	LT. & RT.	1	282
115+00.00 – 121+00.00	LT. & RT.	4	188

SURFACE MILLING — 06.04000

STATION TO STATION	SIDE	SY
115+00.00 – 121+00.00	LT. & RT.	3,135

P.C.C. ALLEY PAVEMENT — 04.10006 – 04.10008

STATION TO STATION	SIDE	THICK	SY
115+00.00 – 121+00.00	LT. & RT.	6"	42

COMBINED CURB & GUTTER — 04.09601

STATION TO STATION	SIDE	LF
115+00.00 – 121+00.00	LT. & RT.	871

CONCRETE BASE, LB-3500 — 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
115+00.00 – 121+00.00	LT. & RT.	8"	780

DETECTABLE WARNING PANELS — 04.11001

STATION	SIDE	SF
115+92.57	21.00' LT.	10
116+15.57	40.00' LT.	10
119+90.78	21.00' LT.	10
119+91.78	21.00' RT.	10
120+07.78	41.00' LT.	10
120+12.67	40.50' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
115+92.57	21.00' LT.	E
116+15.57	40.00' LT.	E
119+90.78	21.00' LT.	E
119+91.78	21.00' RT.	E
120+07.78	41.00' LT.	E
120+12.67	40.50' RT.	E

MODULAR BLOCK RET. WALL — 07.08030

STATION TO STATION	SIDE	SF
115+75.07 – 115+90.07	LT.	60
119+74.28 – 119+89.28	RT.	60

CONCRETE DRIVEWAY — 04.09405 – 04.09406

STATION TO STATION	SIDE	THICK	SF
115+00.00 – 121+00.00	LT.	5"	76

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION — 32.04001 – 32.04003

STATION TO STATION	SIDE	EA
115+00.00 – 121+00.00	LT. & RT.	2

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE — 21.08007

NO.	STATION	OFFSET
50	116+84.29	23.08' RT.
60	116+92.52	23.08' LT.

RECONSTRUCT INLET THROAT — 21.08008

NO.	STATION	OFFSET
50	116+84.29	23.08' RT.
60	116+92.52	23.08' LT.

SEEDING, TYPE 'B' — 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
115+00.00 – 121+00.00	LT. & RT.	0.22

PARKING SPACE FINISH — 02.09001

STATION TO STATION	SIDE	SY
115+00.00 – 121+00.00	LT. & RT.	399

SELECT TOPSOIL — 31.03001

STATION TO STATION	SIDE	CY
115+00.00 – 121+00.00	LT. & RT.	29

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

NOTE: QUANTITIES REFLECT 25% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: ..._RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: rmeyer
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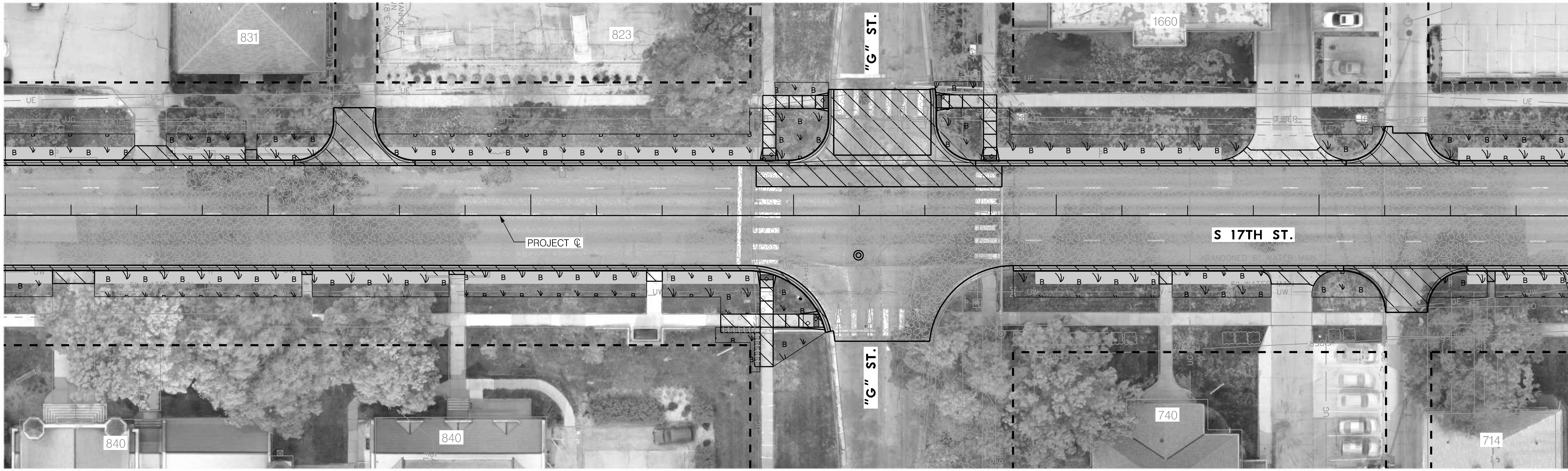
DGN: ...\705563CR05.dgn

121+00 122+00 123+00 124+00 125+00

olsson	LTU	PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225		705563	19
		Date: 06\03\2024 Horz. Scale: 1 : 40	Drawn: SMH Checked: RSM Approved: RSM

126+00 127+00

0 20 40



ADJUST MANHOLE TO GRADE		01.11001
STATION	SIDE	EA
124+24.73	15.10' RT.	1

REMOVE & SALVAGE REDSTONE CURB		50.00005
STATION TO STATION	SIDE	LF
121+00.00 – 127+00.00	LT. & RT.	772

PAVEMENT AND SIDEWALK REMOVAL		01.04001
STATION TO STATION	SIDE	CY
121+00.00 – 127+00.00	LT. & RT.	258

SAWING			01.05001 – 01.09001
STATION TO STATION	SIDE	TYPE	LF
121+00.00 – 127+00.00	LT. & RT.	'B'	1,801
121+00.00 – 127+00.00	LT. & RT.	'C'	138
121+00.00 – 127+00.00	LT. & RT.	'D'	36

CONCRETE SIDEWALK			04.09304
STATION TO STATION	SIDE	THICK	SF
121+00.00 – 127+00.00	LT. & RT.	4"	797

CONCRETE SIDEWALK			04.09305 – 04.09310
STATION TO STATION	SIDE	THICK	SF
121+00.00 – 127+00.00	LT. & RT.	10"	197

CONCRETE DRIVEWAY			04.09405 – 04.09406
STATION TO STATION	SIDE	THICK	SF
121+00.00 – 127+00.00	LT. & RT.	5"	374

COMBINED CURB & GUTTER		04.09601
STATION TO STATION	SIDE	LF
121+00.00 – 127+00.00	LT. & RT.	933

P.C.C. ALLEY PAVEMENT			04.10006 – 04.10008
STATION TO STATION	SIDE	THICK	SY
121+00.00 – 127+00.00	LT. & RT.	6"	145

P.C.C. PAVEMENT WITH INTEGRAL CURB			04.09106 – 04.09110
STATION TO STATION	SIDE	THICK	SY
123+98.29 – 124+69.29	LT.	10"	47

DETECTABLE WARNING PANELS		04.11001
STATION	SIDE	SF
123+89.79	21.80' RT.	10
123+90.79	21.00' LT.	10
124+10.83	40.00' RT.	10
124+13.29	43.25' LT.	10
124+54.31	43.50' LT.	10
124+74.79	21.00' LT.	10

CURB RAMPS – L.S.P. 600		
STATION	SIDE	TYPE
123+89.79	21.80' RT.	E
123+90.79	21.00' LT.	E
124+10.83	40.00' RT.	E
124+13.29	43.25' LT.	E
124+54.31	43.50' LT.	E
124+74.79	21.00' LT.	E

CONCRETE BASE, LB-3500			05.07005 – 05.07008
STATION TO STATION	SIDE	THICK	SY
121+00.00 – 127+00.00	LT. & RT.	8"	450

SURFACE MILLING		06.04000
STATION TO STATION	SIDE	SY
121+00.00 – 127+00.00	LT. & RT.	2,616

ASPHALTIC CONCRETE			06.06001 – 06.06004
STATION TO STATION	SIDE	TYPE	TON
121+00.00 – 127+00.00	LT. & RT.	1	252
121+00.00 – 127+00.00	LT. & RT.	4	168

MODULAR BLOCK RET. WALL		07.08030
STATION TO STATION	SIDE	SF
123+72.29 – 123+87.29	RT.	60

B SEEDING, TYPE 'B'		30.07001 – 30.07004
STATION TO STATION	SIDE	AC
121+00.00 – 127+00.00	LT. & RT.	0.23

PARKING SPACE FINISH		02.09001
STATION TO STATION	SIDE	SY
121+00.00 – 127+00.00	LT. & RT.	412

SELECT TOPSOIL		31.03001
STATION TO STATION	SIDE	CY
121+00.00 – 127+00.00	LT. & RT.	30

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563CR06.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	20
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

127+00 128+00 129+00 130+00 131+00 132+00 133+00

TREE REMOVAL 02.02012 – 02.02036

STATION	SIDE	SIZE	EA
128+67.30	41.71' LT.	12" to 23"	1

PAVEMENT AND SIDEWALK REMOVAL 01.04001

STATION TO STATION	SIDE	CY
127+00.00 – 133+00.00	LT. & RT.	282

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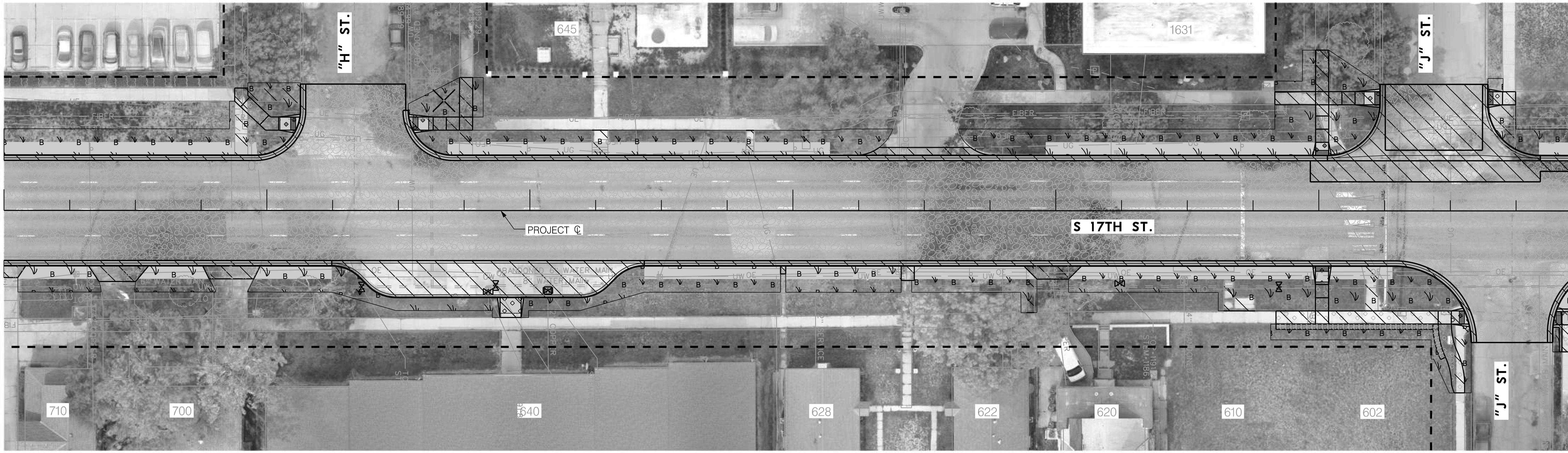

ADJUST WATER VALVE BOX TO GRADE 01.13001

STATION	SIDE	EA
128+36.06	29.06' RT.	1
128+84.16	30.78' RT.	1
128+86.98	28.49' RT.	1
131+24.31	27.60' RT.	1
131+84.83	28.88' RT.	1

ADJUST WATER STOP BOX TO GRADE 01.13002

STATION	SIDE	EA
129+06.85	30.35' RT.	1

REMOVE & SALVAGE REDSTONE CURB 50.00005

STATION TO STATION	SIDE	LF
127+00.00 – 133+00.00	LT. & RT.	736

SAWING 01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
127+00.00 – 133+00.00	LT. & RT.	'B'	1,832
127+00.00 – 133+00.00	LT. & RT.	'C'	183
127+00.00 – 133+00.00	LT. & RT.	'D'	65

COMBINED CURB & GUTTER 04.09601

STATION TO STATION	SIDE	LF
127+00.00 – 133+00.00	LT. & RT.	992

P.C.C. PAVEMENT WITH INTEGRAL CURB 04.09106 – 04.09110

STATION TO STATION	SIDE	THICK	SY
128+24.76 – 129+43.52 *	RT.	8"	153
132+03.25 – 132+83.25	LT.	10"	57

* BUS TURNOUT

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
127+00.00 – 133+00.00	LT. & RT.	4"	1,285

CONCRETE SIDEWALK 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
127+00.00 – 133+00.00	LT. & RT.	10"	354

CONCRETE DRIVEWAY 04.09405 – 04.09406

STATION TO STATION	SIDE	THICK	SF
127+00.00 – 133+00.00	RT.	5"	324
127+00.00 – 133+00.00	LT.	6"	122

CONCRETE BASE, LB-3500 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
127+00.00 – 133+00.00	LT. & RT.	8"	460

DETECTABLE WARNING PANELS 04.11001

STATION	SIDE	SF
128+11.98	33.00' LT.	10
128+54.49	33.00' LT.	10
132+01.25	21.00' LT.	10
132+01.25	21.00' RT.	10
132+23.25	42.75' LT.	10
132+56.39	40.50' RT.	10
132+64.25	42.75' LT.	10
132+89.55	40.75' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
128+11.98	33.00' LT.	E
128+54.49	33.00' LT.	E
128+92.68	33.00' LT.	E
132+01.25	21.00' LT.	E
132+01.25	21.00' RT.	E
132+23.25	42.75' LT.	E
132+56.39	40.50' RT.	A
132+64.25	42.75' LT.	A
132+89.55	40.75' RT.	C

SURFACE MILLING 06.04000

STATION TO STATION	SIDE	SY
127+00.00 – 133+00.00	LT. & RT.	2,718

ASPHALTIC CONCRETE 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
127+00.00 – 133+00.00	LT. & RT.	1	262
127+00.00 – 133+00.00	LT. & RT.	4	174

MODULAR BLOCK RET. WALL 07.08030

STATION TO STATION	SIDE	SF
131+83.75 – 132+48.18	RT.	150

SEEDING, TYPE 'B' 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
127+00.00 – 133+00.00	LT. & RT.	0.26

SELECT TOPSOIL 31.03001

STATION TO STATION	SIDE	CY
127+00.00 – 133+00.00	LT. & RT.	29

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

PARKING SPACE FINISH 02.09001

STATION TO STATION	SIDE	SY
127+00.00 – 133+00.00	LT. & RT.	401

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	21
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

133+00 134+00 135+00 136+00 137+00 138+00 139+00

SAWING (01.05001 – 01.09001)

STATION TO STATION	SIDE	TYPE	LF
133+00.00 – 139+00.00	LT. & RT.	'B'	1,307
133+00.00 – 139+00.00	LT. & RT.	'C'	79
133+00.00 – 139+00.00	LT. & RT.	'D'	152

PAVEMENT AND SIDEWALK REMOVAL (01.04001)

STATION TO STATION	SIDE	CY
133+00.00 – 139+00.00	LT. & RT.	178

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION (32.04001 – 32.04003)

STATION TO STATION	SIDE	EA
133+00.00 – 139+00.00	LT. & RT.	2

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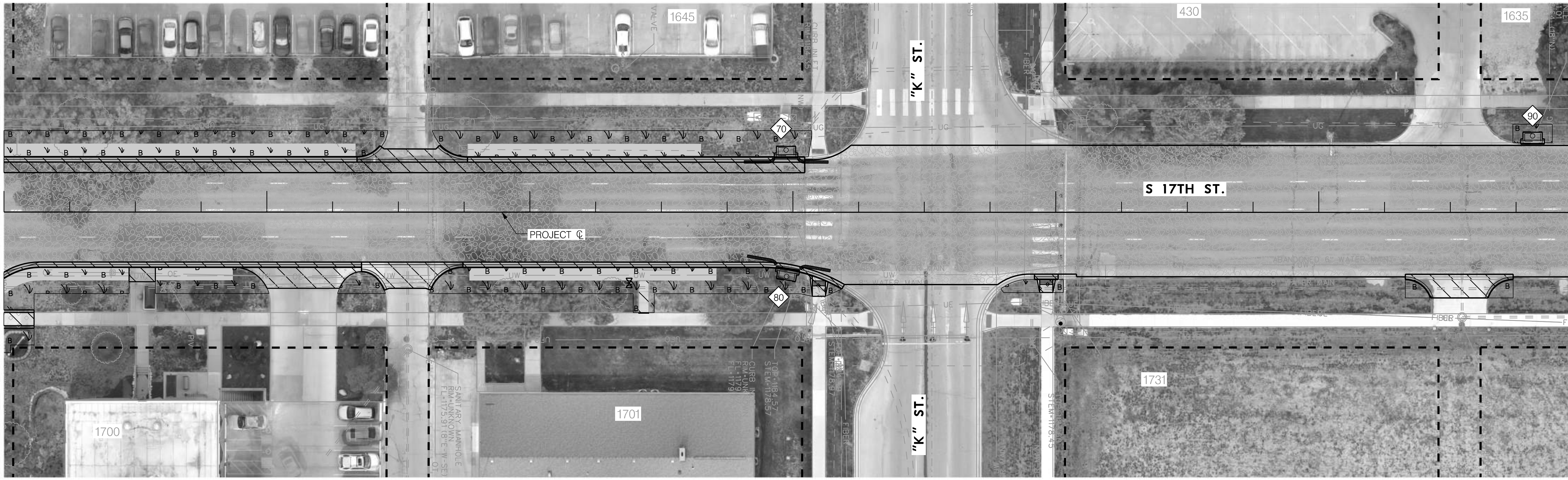


CONCRETE SIDEWALK (04.09304)

STATION TO STATION	SIDE	THICK	SF
133+00.00 – 139+00.00	RT.	4"	136

CONCRETE SIDEWALK (04.09305 – 04.09310)

STATION TO STATION	SIDE	THICK	SF
133+00.00 – 139+00.00	RT.	10"	72

CONCRETE DRIVEWAY (04.09405 – 04.09406)

STATION TO STATION	SIDE	THICK	SF
133+00.00 – 139+00.00	RT.	5"	278

COMBINED CURB & GUTTER (04.09601)

STATION TO STATION	SIDE	LF
133+00.00 – 139+00.00	LT. & RT.	554

CONCRETE BARRIER CURB (04.09602)

STATION TO STATION	SIDE	LF
136+00.00 – 139+00.00	LT.	45

ADJUST WATER VALVE BOX TO GRADE (01.13001)

STATION	SIDE	EA
135+37.78	26.93' RT.	1

REM EX INLET TOP ONLY (21.13006)

STATION	OFFSET	EA
135+97.46	23.08' LT.	1
135+97.72	23.85' RT.	1
138+81.27	28.36' LT.	1

REMOVE & SALVAGE REDSTONE CURB (50.00005)

STATION TO STATION	SIDE	LF
133+00.00 – 136+00.00	LT. & RT.	405

P.C.C. ALLEY PAVEMENT (04.10006 – 04.10008)

STATION TO STATION	SIDE	THICK	SY
133+00.00 – 139+00.00	LT. & RT.	6"	81

DETECTABLE WARNING PANELS (04.11001)

STATION	SIDE	SF
136+09.90	25.02' RT.	10
136+96.40	25.50' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
136+09.90	25.02' RT.	E
136+96.40	25.50' RT.	E

CONCRETE BASE, LB-3500 (05.07005 – 05.07008)

STATION TO STATION	SIDE	THICK	SY
133+00.00 – 139+00.00	LT. & RT.	8"	412

SURFACE MILLING (06.04000)

STATION TO STATION	SIDE	SY
133+00.00 – 139+00.00	LT. & RT.	2,935

ASPHALTIC CONCRETE (06.06001 – 06.06004)

STATION TO STATION	SIDE	TYPE	TON
133+00.00 – 139+00.00	LT. & RT.	1	264
133+00.00 – 139+00.00	LT. & RT.	4	176

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE (21.08007)

NO.	STATION	OFFSET
70	135+97.46	23.08' LT.
80	135+97.72	23.85' RT.
90	138+81.27	28.36' LT.

RECONSTRUCT INLET THROAT (21.08008)

NO.	STATION	OFFSET
70	135+97.46	23.08' LT.
80	135+97.72	23.85' RT.

B SEEDING, TYPE 'B' (30.07001 – 30.07004)

STATION TO STATION	SIDE	AC
133+00.00 – 139+00.00	LT. & RT.	0.13

PARKING SPACE FINISH (02.09001)

STATION TO STATION	SIDE	SY
133+00.00 – 136+00.00	LT. & RT.	294

SELECT TOPSOIL (31.03001)

STATION TO STATION	SIDE	CY
133+00.00 – 136+00.00	LT. & RT.	21

NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT & BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563CR08.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	22
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

139+00 140+00 141+00 142+00 143+00 144+00 145+00

0 20 40

REMOVE FITTING 23.04122 – 23.04129

STATION	OFFSET	SIZE	TYPE	EA
140+40.03	19.72' RT.	6"	GATE VLV & BOX	1
144+05.87	20.99' RT.	6"	GATE VLV & BOX	1

SAWING 01.05001 – 01.09001

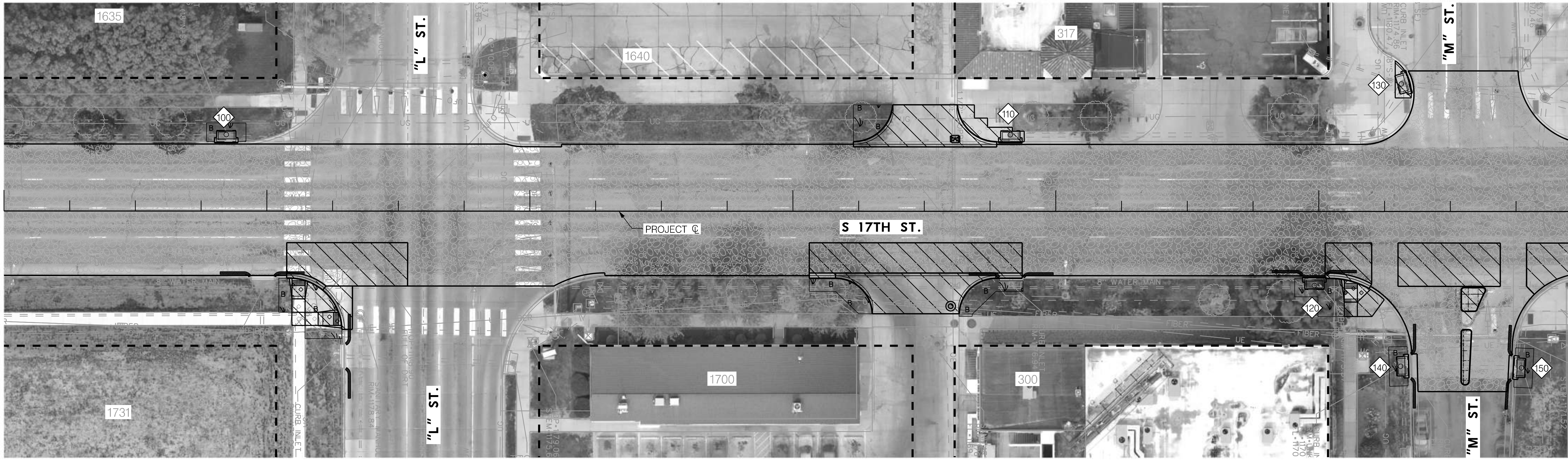
STATION TO STATION	SIDE	TYPE	LF
139+00.00 – 145+00.00	LT. & RT.	'B'	1,136
139+00.00 – 145+00.00	LT. & RT.	'C'	140
139+00.00 – 145+00.00	LT. & RT.	'D'	233

PAVEMENT AND SIDEWALK REMOVAL 01.04001

STATION TO STATION	SIDE	CY
139+00.00 – 145+00.00	LT. & RT.	221

ADJUST WATER STOP BOX TO GRADE 01.13002

STATION	SIDE	EA
142+61.69	27.50' LT.	1



REM EX INLET TOP ONLY 21.13006

STATION	OFFSET	EA
139+84.55	28.86' LT.	1
142+82.68	28.93' LT.	1
143+98.33	27.86' RT.	1
144+31.59	48.60' LT.	1
144+31.40	58.90' RT.	1
144+76.81	59.48' RT.	1

ADJUST MANHOLE TO GRADE 01.11001

STATION	SIDE	EA
142+59.16	35.77' RT.	1

SURFACE MILLING 06.04000

STATION TO STATION	SIDE	SY
139+00.00 – 145+00.00	LT. & RT.	3,415

CONCRETE BARRIER CURB 04.09602

STATION TO STATION	SIDE	LF
139+00.00 – 145+00.00	LT.	80

P.C.C. PAVEMENT WITH INTEGRAL CURB 04.09106 – 04.09110

STATION TO STATION	SIDE	THICK	SY
139+00.00 – 145+00.00	RT.	10"	13

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
139+00.00 – 145+00.00	LT. & RT.	4"	416

CONCRETE SIDEWALK 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
139+00.00 – 145+00.00	LT. & RT.	10"	138

COMBINED CURB & GUTTER 04.09601

STATION TO STATION	SIDE	LF
139+00.00 – 145+00.00	RT.	53

6" TACK-ON CONC. MEDIAN 04.09806

STATION TO STATION	SIDE	SF
139+00.00 – 145+00.00	RT.	139

P.C.C. ALLEY PAVEMENT 04.10006 – 04.10008

STATION TO STATION	SIDE	THICK	SY
139+00.00 – 145+00.00	LT. & RT.	6"	134

CONCRETE BASE, LB-3500 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
139+00.00 – 145+00.00	LT. & RT.	8"	655

DETECTABLE WARNING PANELS 04.11001

STATION	SIDE	SF
140+12.03	25.81' RT.	10
140+28.01	41.00' RT.	10
144+12.18	26.52' RT.	10

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
140+12.03	25.81' RT.	E
140+28.01	41.00' RT.	E
144+12.18	26.52' RT.	E

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION 32.04001 – 32.04003

STATION TO STATION	SIDE	EA
139+00.00 – 145+00.00	RT.	6

B SEEDING, TYPE 'B' 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
139+00.00 – 145+00.00	LT. & RT.	0.03

ASPHALTIC CONCRETE 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
139+00.00 – 145+00.00	LT. & RT.	1	336
139+00.00 – 145+00.00	LT. & RT.	4	224

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE 21.08007

NO.	STATION	OFFSET
100	139+84.55	28.86' LT.
110	142+82.68	28.93' LT.
120	143+98.33	27.86' RT.
130	144+31.59	48.60' LT.
140	144+31.40	58.90' RT.
150	144+76.81	59.48' RT.

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT & BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: ..._RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563CR09.dgn

145+00 146+00 147+00 148+00 149+00 150+00 151+00

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	23
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
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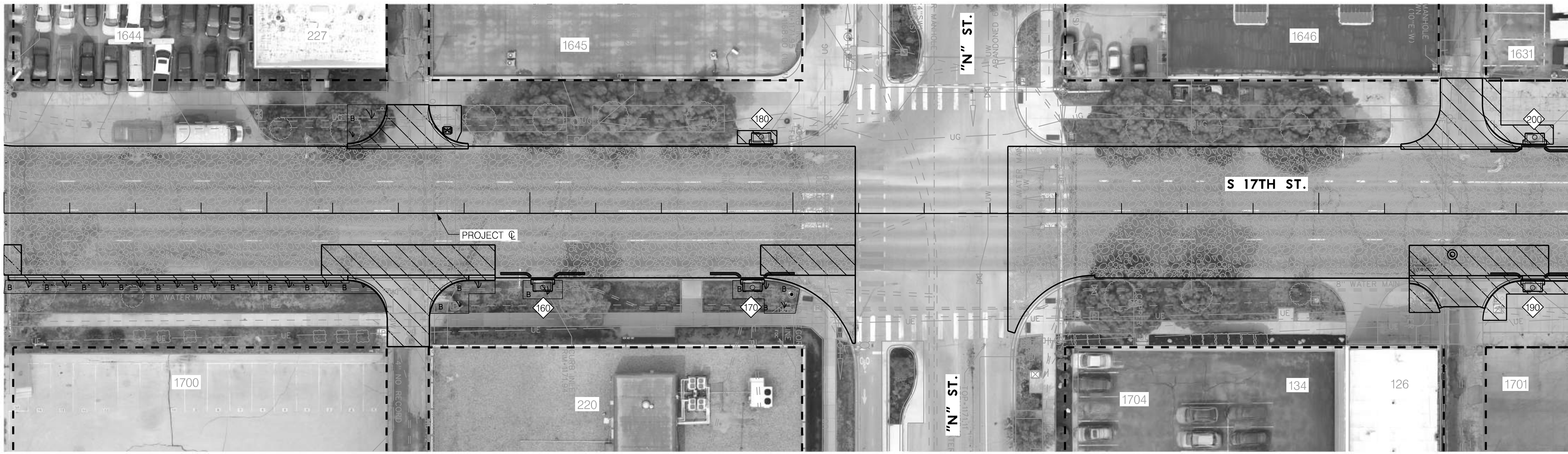
0 20 40



REM EX INLET TOP ONLY		21.13006
STATION	OFFSET	EA
147+04.89	28.11' RT.	1
147+84.63	28.11' RT.	1
147+87.94	29.11' LT.	1
150+81.35	28.11' RT.	1
150+82.10	29.13' LT.	1

ADJUST MANHOLE TO GRADE		01.11001
STATION	SIDE	EA
150+50.81	15.48' RT.	1

ADJUST WATER STOP BOX TO GRADE		01.13002
STATION	SIDE	EA
146+68.57	31.52' LT.	1

REMOVE FITTING				23.04122 – 23.04129
STATION	OFFSET	SIZE	TYPE	EA
145+03.26	20.96' RT.	6"	GATE VLV & BOX	1
145+04.80	19.68' RT.	6"	GATE VLV & BOX	1
147+96.37	21.41' RT.	6"	GATE VLV & BOX	1
148+00.50	21.49' RT.	6"	GATE VLV & BOX	1

PAVEMENT AND SIDEWALK REMOVAL		01.04001
STATION TO STATION	SIDE	CY
145+00.00 – 151+00.00	LT. & RT.	212

SAWING			01.05001 – 01.09001
STATION TO STATION	SIDE	TYPE	LF
145+00.00 – 151+00.00	LT. & RT.	'B'	1,126
145+00.00 – 151+00.00	LT. & RT.	'C'	164
145+00.00 – 151+00.00	LT. & RT.	'D'	190

CONCRETE BARRIER CURB		04.09602
STATION TO STATION	SIDE	LF
145+00.00 – 151+00.00	LT. & RT.	95

CONCRETE SIDEWALK			04.09304
STATION TO STATION	SIDE	THICK	SF
145+00.00 – 151+00.00	LT. & RT.	4"	799

CONCRETE BASE, LB-3500			05.07005 – 05.07008
STATION TO STATION	SIDE	THICK	SY
145+00.00 – 151+00.00	LT. & RT.	8"	478

COMBINED CURB & GUTTER		04.09601
STATION TO STATION	SIDE	LF
145+00.00 – 151+00.00	RT.	162

P.C.C. ALLEY PAVEMENT			04.10006 – 04.10008
STATION TO STATION	SIDE	THICK	SY
145+00.00 – 151+00.00	LT. & RT.	6"	216

SURFACE MILLING		06.04000
STATION TO STATION	SIDE	SY
145+00.00 – 151+00.00	LT. & RT.	2,818

ASPHALTIC CONCRETE			06.06001 – 06.06004
STATION TO STATION	SIDE	TYPE	TON
145+00.00 – 151+00.00	LT. & RT.	1	272
145+00.00 – 151+00.00	LT. & RT.	4	182

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE		21.08007
NO.	STATION	OFFSET
160	147+04.89	28.11' RT.
170	147+84.63	28.11' RT.
180	147+87.94	29.11' LT.
190	150+81.35	28.11' RT.
200	150+82.10	29.13' LT.

RECONSTRUCT INLET THROAT		21.08008
NO.	STATION	OFFSET
190	150+81.35	28.11' RT.

SEEDING, TYPE 'B'		30.07001 – 30.07004
STATION TO STATION	SIDE	AC
145+00.00 – 151+00.00	LT. & RT.	0.03

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION		32.04001 – 32.04003
STATION TO STATION	SIDE	EA
145+00.00 – 151+00.00	LT. & RT.	4

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT & 25% BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: ..._RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	24
Date: 06\03\2024	Drawn: SMH
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM

REM EX INLET TOP ONLY 21.13006		
STATION	OFFSET	EA
151+89.52	29.11' LT.	1
153+32.84	29.12' LT.	1
154+27.73	29.12' LT.	1

ADJUST WATER VALVE BOX TO GRADE 01.13001		
STATION	SIDE	EA
153+40.29	19.18' RT.	1

SAWING 01.05001 – 01.09001			
STATION TO STATION	SIDE	TYPE	LF
151+00.00 – 157+00.00	LT. & RT.	'B'	656
151+00.00 – 157+00.00	LT. & RT.	'C'	127
151+00.00 – 157+00.00	LT. & RT.	'D'	167

PAVEMENT AND SIDEWALK REMOVAL 01.04001		
STATION TO STATION	SIDE	CY
151+00.00 – 157+00.00	LT. & RT.	87

CONCRETE SIDEWALK 04.09304			
STATION TO STATION	SIDE	THICK	SF
151+00.00 – 157+00.00	LT. & RT.	4"	317

CONCRETE DRIVEWAY 04.09405 – 04.09406			
STATION TO STATION	SIDE	THICK	SF
151+00.00 – 157+00.00	RT.	5"	157

CONCRETE BARRIER CURB 04.09602		
STATION TO STATION	SIDE	LF
151+00.00 – 157+00.00	LT. & RT.	90

P.C.C. ALLEY PAVEMENT 04.10006 – 04.10008			
STATION TO STATION	SIDE	THICK	SY
151+00.00 – 157+00.00	LT.	6"	32

CONCRETE BASE, LB-3500 05.07005 – 05.07008			
STATION TO STATION	SIDE	THICK	SY
151+00.00 – 157+00.00	LT. & RT.	8"	254

SURFACE MILLING 06.04000		
STATION TO STATION	SIDE	SY
151+00.00 – 157+00.00	LT. & RT.	2,603

ASPHALTIC CONCRETE 06.06001 – 06.06004			
STATION TO STATION	SIDE	TYPE	TON
151+00.00 – 157+00.00	LT. & RT.	1	234
151+00.00 – 157+00.00	LT. & RT.	4	156

COMBINED CURB & GUTTER 04.09601		
STATION TO STATION	SIDE	LF
151+00.00 – 157+00.00	RT.	59

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE 21.08007		
NO.	STATION	OFFSET
210	151+89.52	29.11' LT.
220	153+32.84	29.12' LT.
230	154+27.73	29.12' LT.

SEEDING, TYPE 'B' 30.07001 – 30.07004		
STATION TO STATION	SIDE	AC
151+00.00 – 157+00.00	LT.	0.01

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT & BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563CR11.dgn

157+00 158+00 159+00 160+00 161+00 162+00 163+00

0 20 40

01.11001 ADJUST MANHOLE TO GRADE		
STATION	SIDE	EA
161+00.75	18.27' RT.	1
161+06.98	8.26' RT.	1
162+74.28	6.25' RT.	1

01.04001 PAVEMENT AND SIDEWALK REMOVAL		
STATION TO STATION	SIDE	CY
157+00.00 – 163+00.00	LT. & RT.	101

01.05001 – 01.09001 SAWING			
STATION TO STATION	SIDE	TYPE	LF
157+00.00 – 163+00.00	LT. & RT.	'B'	670
157+00.00 – 163+00.00	LT. & RT.	'C'	45
157+00.00 – 163+00.00	LT. & RT.	'D'	82

04.09304 CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
157+00.00 – 163+00.00	LT. & RT.	4"	75

04.09602 CONCRETE BARRIER CURB		
STATION TO STATION	SIDE	LF
157+00.00 – 163+00.00	LT. & RT.	120

04.09806 6" TACK-ON CONC. MEDIAN		
STATION TO STATION	SIDE	SF
157+00.00 – 163+00.00	LT.	308

05.07005 – 05.07008 CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
157+00.00 – 163+00.00	LT. & RT.	8"	358

06.04000 SURFACE MILLING		
STATION TO STATION	SIDE	SY
157+00.00 – 163+00.00	LT. & RT.	3,578

06.06001 – 06.06004 ASPHALTIC CONCRETE			
STATION TO STATION	SIDE	TYPE	TON
157+00.00 – 163+00.00	LT. & RT.	1	322
157+00.00 – 163+00.00	LT. & RT.	1	215

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT & BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\CR_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563CR12.dgn

163+00 164+00 165+00 166+00 167+00 168+00 169+00

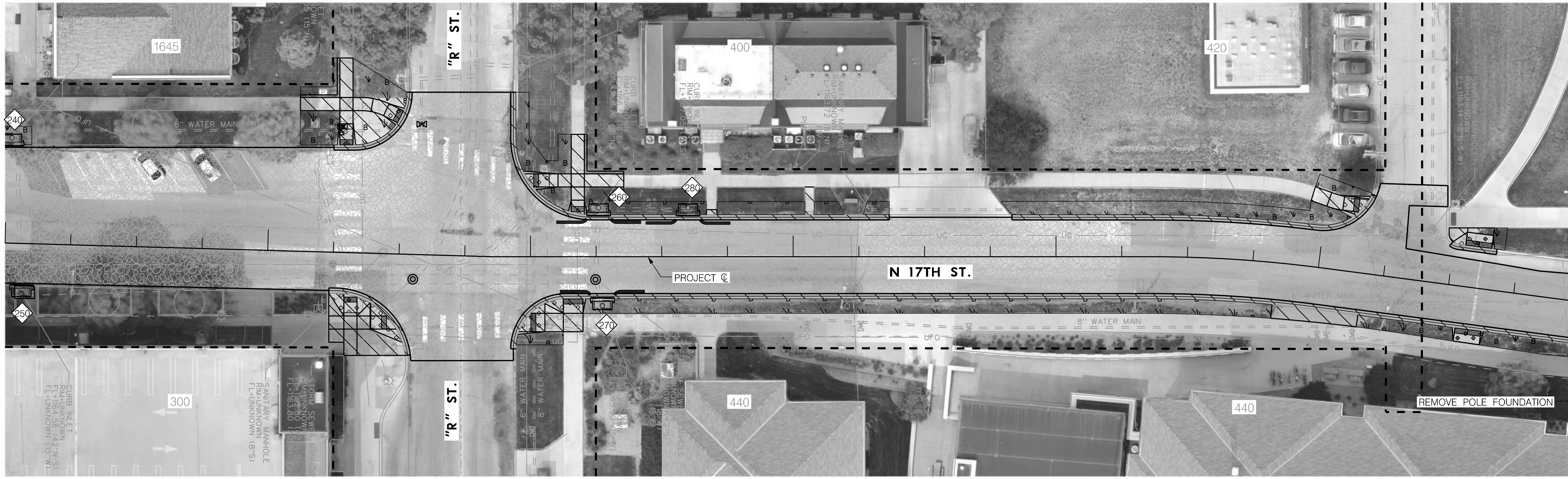
SAWING — 01.05001 – 01.09001

STATION TO STATION	SIDE	TYPE	LF
163+00.00 – 169+00.00	LT. & RT.	'B'	1,716
163+00.00 – 169+00.00	LT. & RT.	'C'	151
163+00.00 – 169+00.00	LT. & RT.	'D'	105

PAVEMENT AND SIDEWALK REMOVAL — 01.04001

STATION TO STATION	SIDE	CY
163+00.00 – 169+00.00	LT. & RT.	191

0 20 40



REM POLE FOUNDATION — 50.00001

STATION	OFFSET	EA
169+03.25	30.40' RT.	1

REM EX INLET TOP ONLY — 21.13006

STATION	OFFSET	EA
163+01.55	39.75' LT.	1
163+06.75	18.54' RT.	1
165+25.98	18.11' LT.	1
165+27.41	18.19' RT.	1
165+59.97	17.73' LT.	1

ADJUST WATER VALVE BOX TO GRADE — 01.13001

STATION	SIDE	EA
164+26.66	46.49' LT.	1
164+27.12	47.90' LT.	1
164+57.24	49.58' LT.	1

ADJUST MANHOLE TO GRADE — 01.11001

STATION	SIDE	EA
164+55.50	9.40' RT.	1
165+24.79	8.67' RT.	1

CONCRETE BARRIER CURB — 04.09602

STATION TO STATION	SIDE	LF
163+00.00 – 169+00.00	LT. & RT.	25

CONCRETE BASE, LB-3500 — 05.07005 – 05.07008

STATION TO STATION	SIDE	THICK	SY
163+00.00 – 169+00.00	LT. & RT.	8"	406

CONCRETE SIDEWALK — 04.09304

STATION TO STATION	SIDE	THICK	SF
163+00.00 – 169+00.00	LT. & RT.	4"	1,360

CONCRETE SIDEWALK — 04.09305 – 04.09310

STATION TO STATION	SIDE	THICK	SF
163+00.00 – 169+00.00	LT. & RT.	10"	621

COMBINED CURB & GUTTER — 04.09601

STATION TO STATION	SIDE	LF
163+00.00 – 169+00.00	LT. & RT.	831

DETECTABLE WARNING PANELS — 04.11001

STATION	SIDE	SF
164+28.83	40.91' LT.	10
164+31.97	16.10' RT.	10
164+49.19	52.10' LT.	10
164+48.07	26.08' RT.	10
164+99.33	29.00' LT.	10
164+97.36	25.00' RT.	14
165+18.02	16.53' LT.	10
165+16.27	16.00' RT.	15
168+14.41	25.55' LT.	11
168+59.52	15.68' LT.	20
168+59.52	16.00' RT.	20

CURB RAMPS – L.S.P. 600

STATION	SIDE	TYPE
164+28.83	40.91' LT.	E
164+31.97	16.10' RT.	A
164+49.19	52.10' LT.	E
164+48.07	26.08' RT.	E
164+99.33	29.00' LT.	E
164+97.36	25.00' RT.	E
165+18.02	16.53' LT.	E
165+16.27	16.00' RT.	A
168+14.41	25.55' LT.	E
168+59.52	15.68' LT.	E
168+59.52	16.00' RT.	E

SURFACE MILLING — 06.04000

STATION TO STATION	SIDE	SY
163+00.00 – 169+00.00	LT. & RT.	2,703

ASPHALTIC CONCRETE — 06.06001 – 06.06004

STATION TO STATION	SIDE	TYPE	TON
163+00.00 – 169+00.00	LT. & RT.	1	243
163+00.00 – 169+00.00	LT. & RT.	4	162

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE — 21.08007

NO.	STATION	OFFSET
240	163+01.55	39.75' LT.
250	163+06.75	18.54' RT.
260	165+25.98	18.11' LT.
270	165+27.41	18.19' RT.
280	165+59.97	17.73' LT.

RECONSTRUCT INLET THROAT — 21.08008

NO.	STATION	OFFSET
260	165+25.98	18.11' LT.
270	165+27.41	18.19' RT.
280	165+59.97	17.73' LT.

B SEEDING, TYPE 'B' — 30.07001 – 30.07004

STATION TO STATION	SIDE	AC
163+00.00 – 169+00.00	LT. & RT.	0.10

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION — 32.04001 – 32.04003

STATION TO STATION	SIDE	EA
163+00.00 – 169+00.00	LT. & RT.	3

NOTE: QUANTITIES REFLECT 15% OF BASE REPLACEMENT & 10% BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

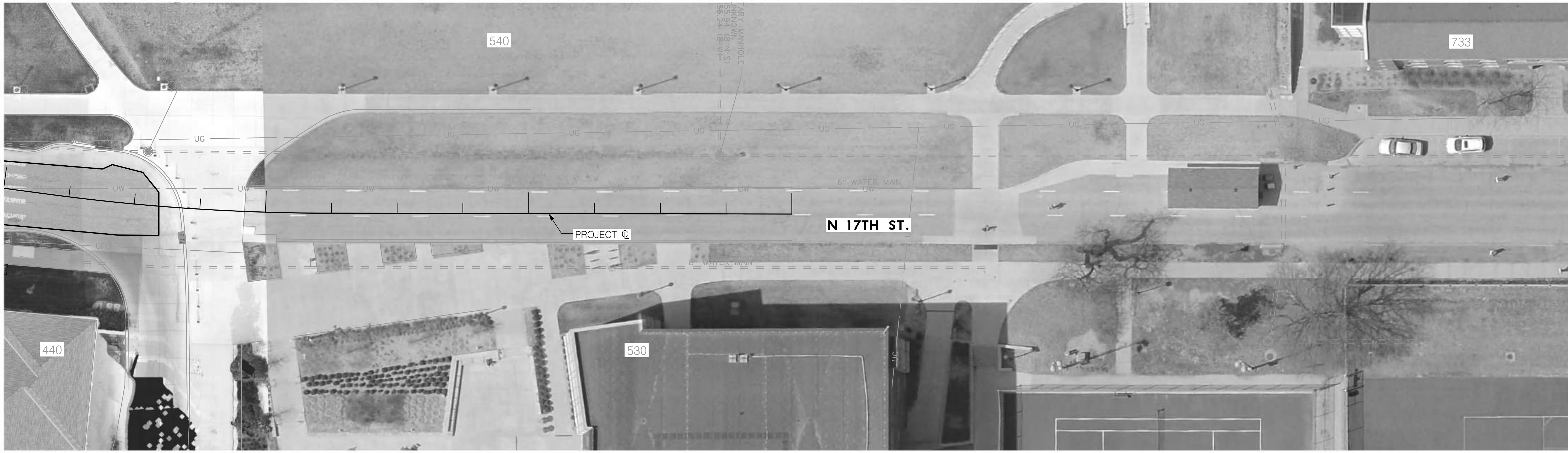
PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
N 17TH STREET

169+00 170+00 171+00 172+00

olsson		PROJECT NO.	SHEET NO.
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	PROJECT NO. L21-06225	705563	27
LTU		Date: 06\03\2024 Horz. Scale: 1 : 40	Drawn: SMH Checked: RSM Approved: RSM

0 20 40



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PEN: ..\tables\pen\CR_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ..\705563CR13.dgn

CONCRETE BASE, LB-3500			05.07005 – 05.07008
STATION TO STATION	SIDE	THICK	SY
169+00.00 – 169+60.23	LT. & RT.	8"	16

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.

PAVEMENT AND SIDEWALK REMOVAL		01.04001
STATION TO STATION	SIDE	CY
169+00.00 – 169+60.23	LT. & RT.	5

SURFACE MILLING		06.04000
STATION TO STATION	SIDE	SY
169+00.00 – 169+60.23	LT. & RT.	155

SAWING			01.05001 – 01.09001
STATION TO STATION	SIDE	TYPE	LF
169+00.00 – 169+60.23	LT. & RT.	'B'	68

ASPHALTIC CONCRETE			06.06001 – 06.06004
STATION TO STATION	SIDE	TYPE	TON
169+00.00 – 169+60.23	LT. & RT.	1	14
169+00.00 – 169+60.23	LT. & RT.	4	10

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

CONSTRUCTION AND REMOVAL
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS01.dgn

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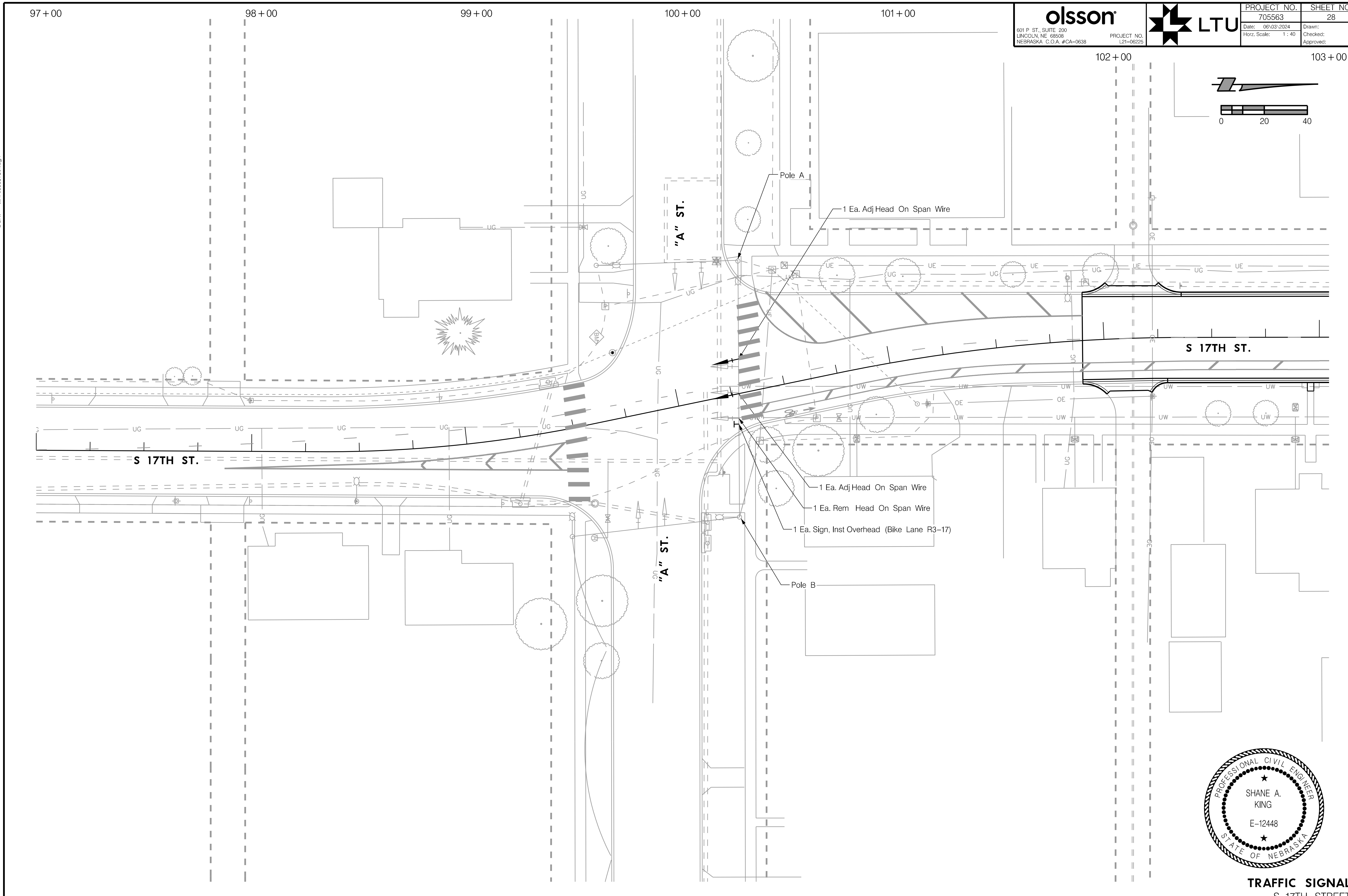
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	28
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

TRAFFIC SIGNAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS02.dgn

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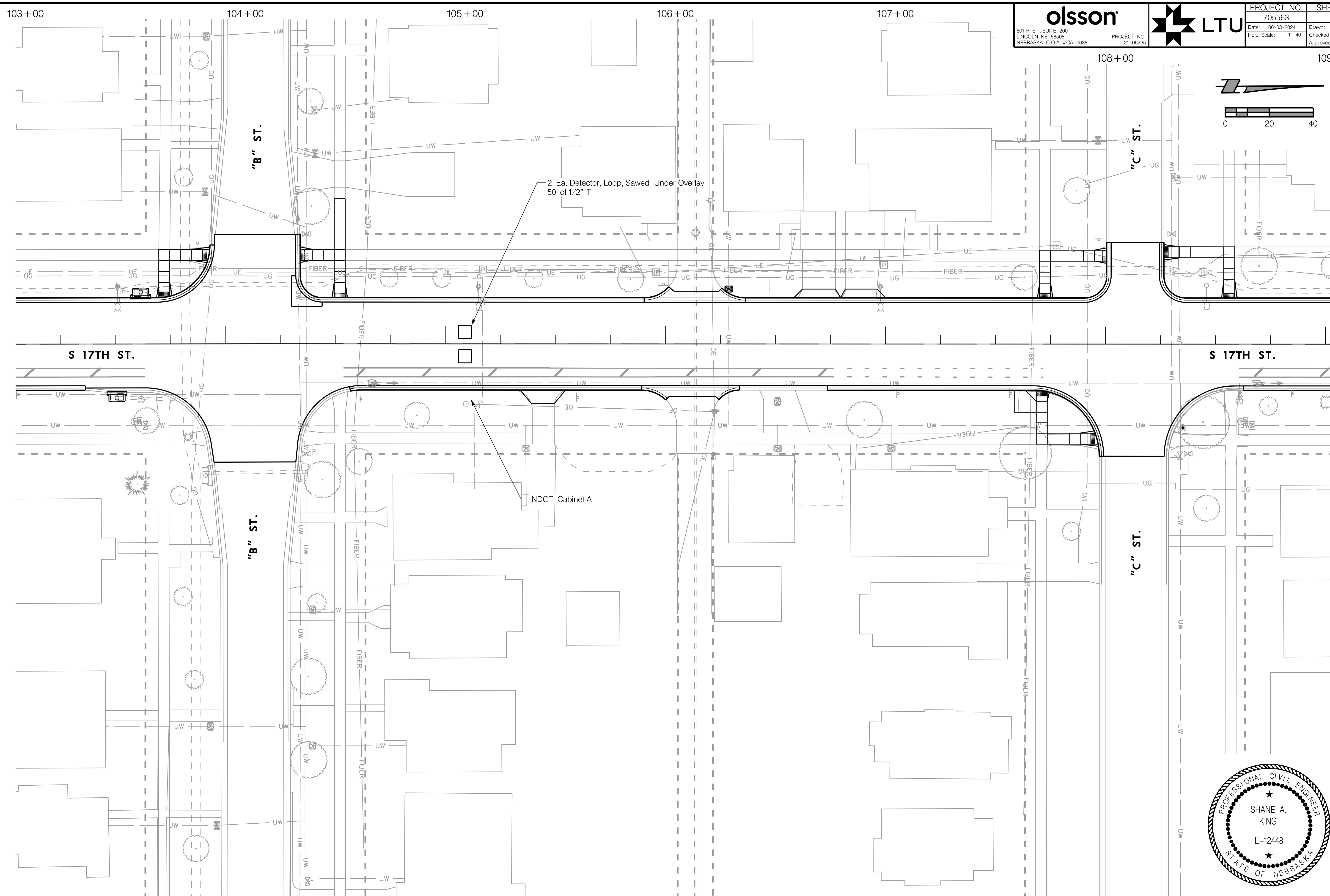
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	29
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

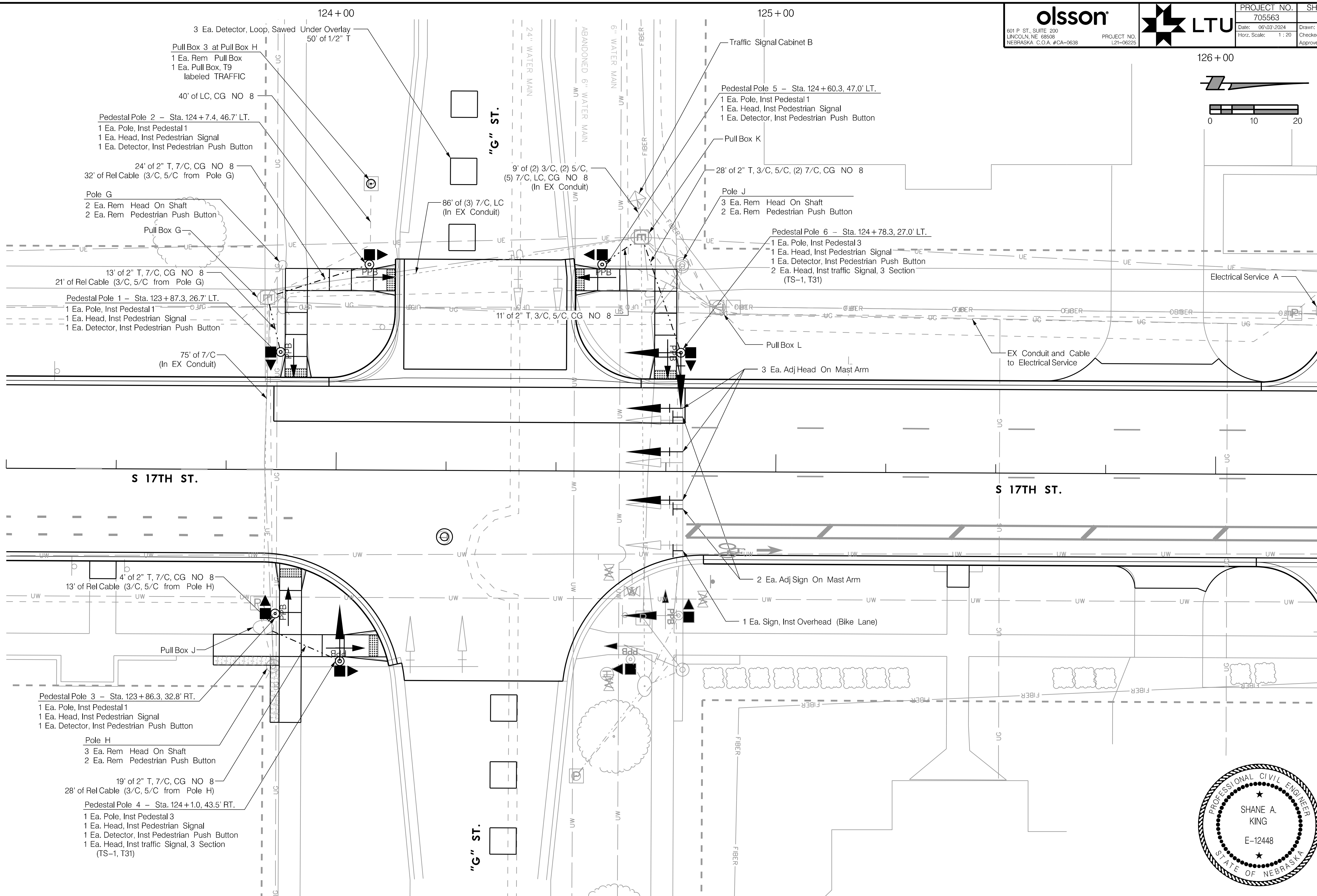


PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

TRAFFIC SIGNAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS03.dgn

olsson 601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	PROJECT NO. L21-06225	LTU	PROJECT NO. 705563	SHEET NO. 30
			Date: 06\03\2024	Drawn: PVK
			Horz. Scale: 1 : 20	Checked: SAK
				Approved: SAK



TRAFFIC SIGNAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS04.dgn

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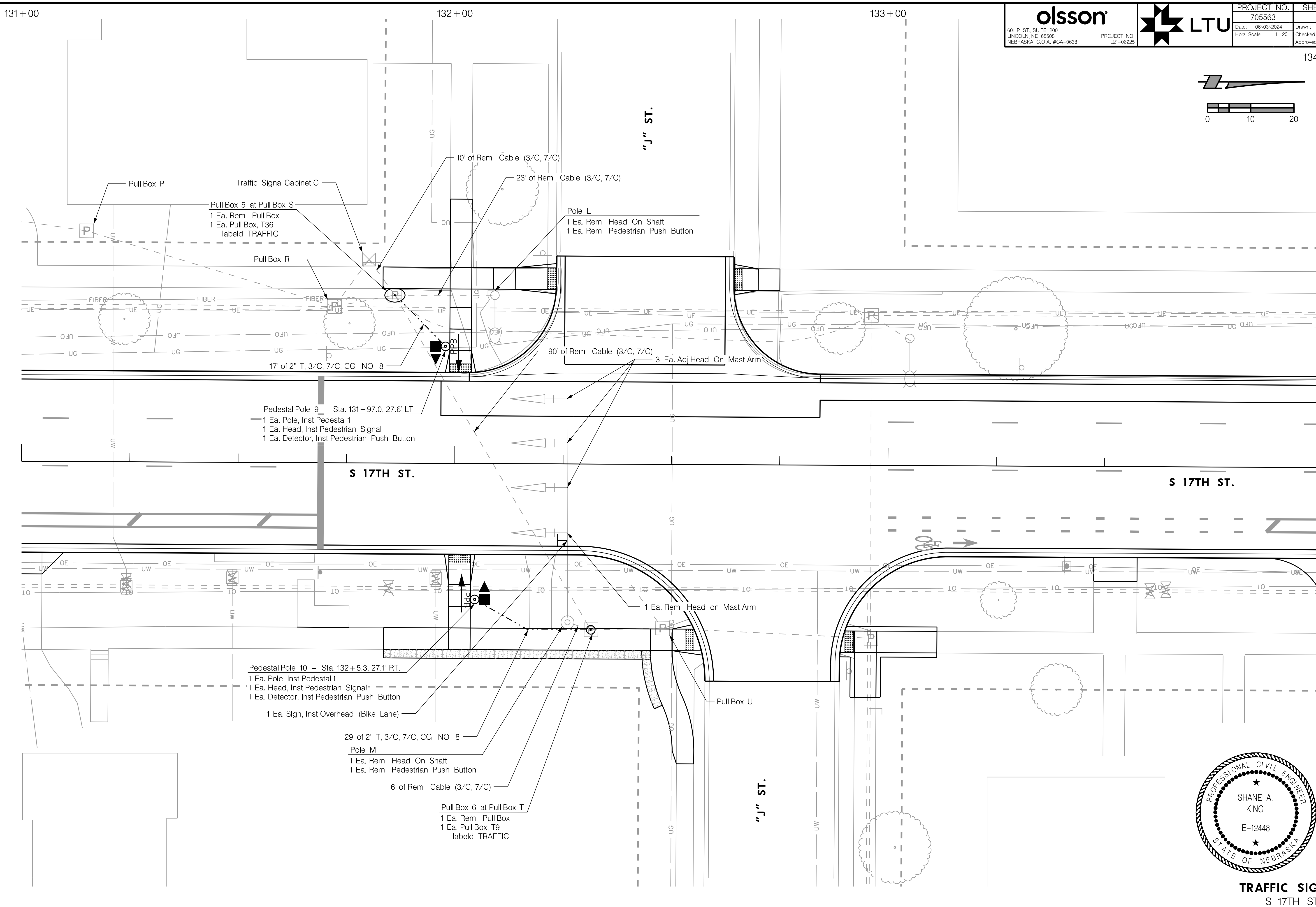
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	31
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 20	Checked: SAK
	Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

TRAFFIC SIGNAL
S 17TH STREET

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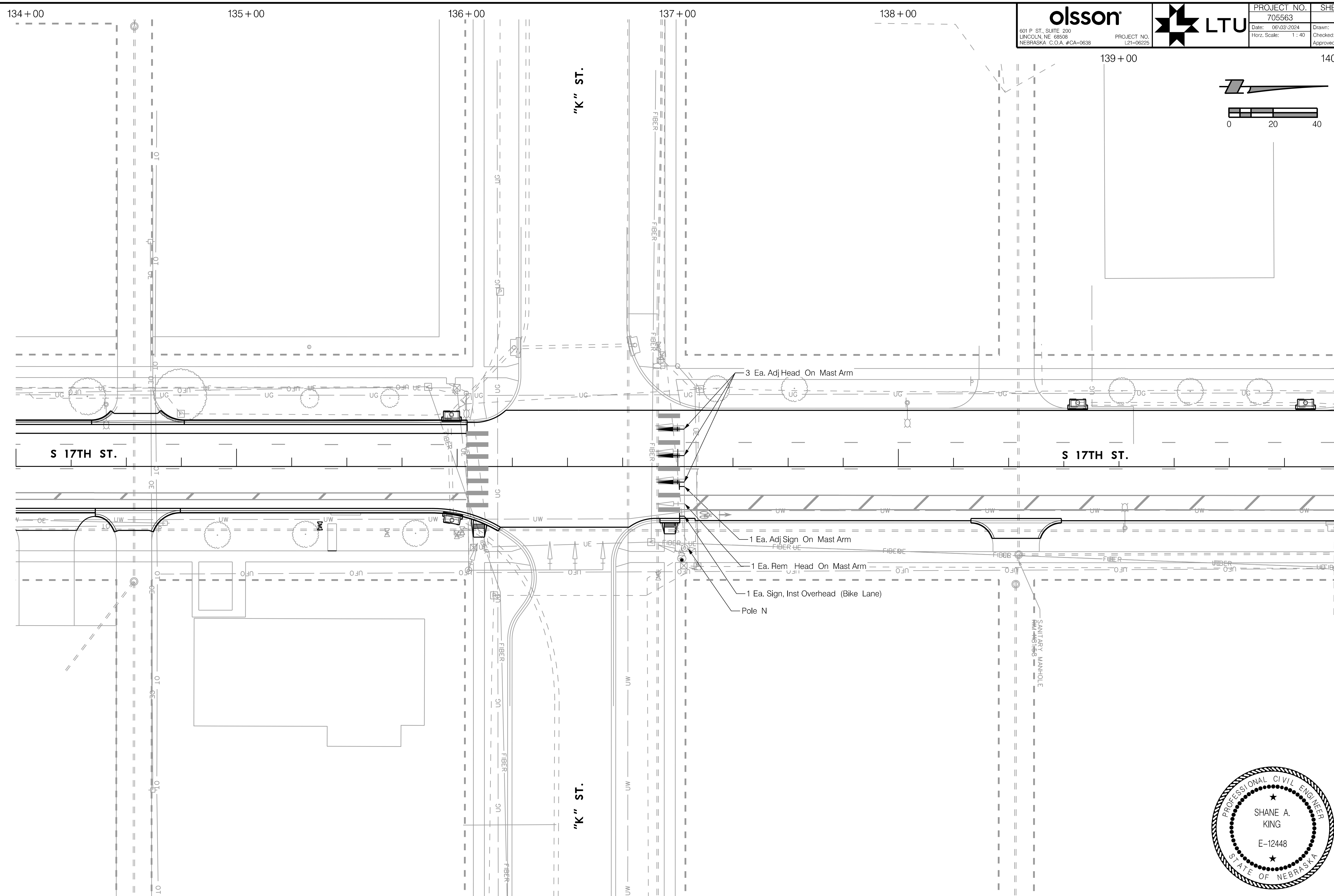
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	32
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



TRAFFIC SIGNAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
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USER: rmeyer
DATE: 06\03\2024
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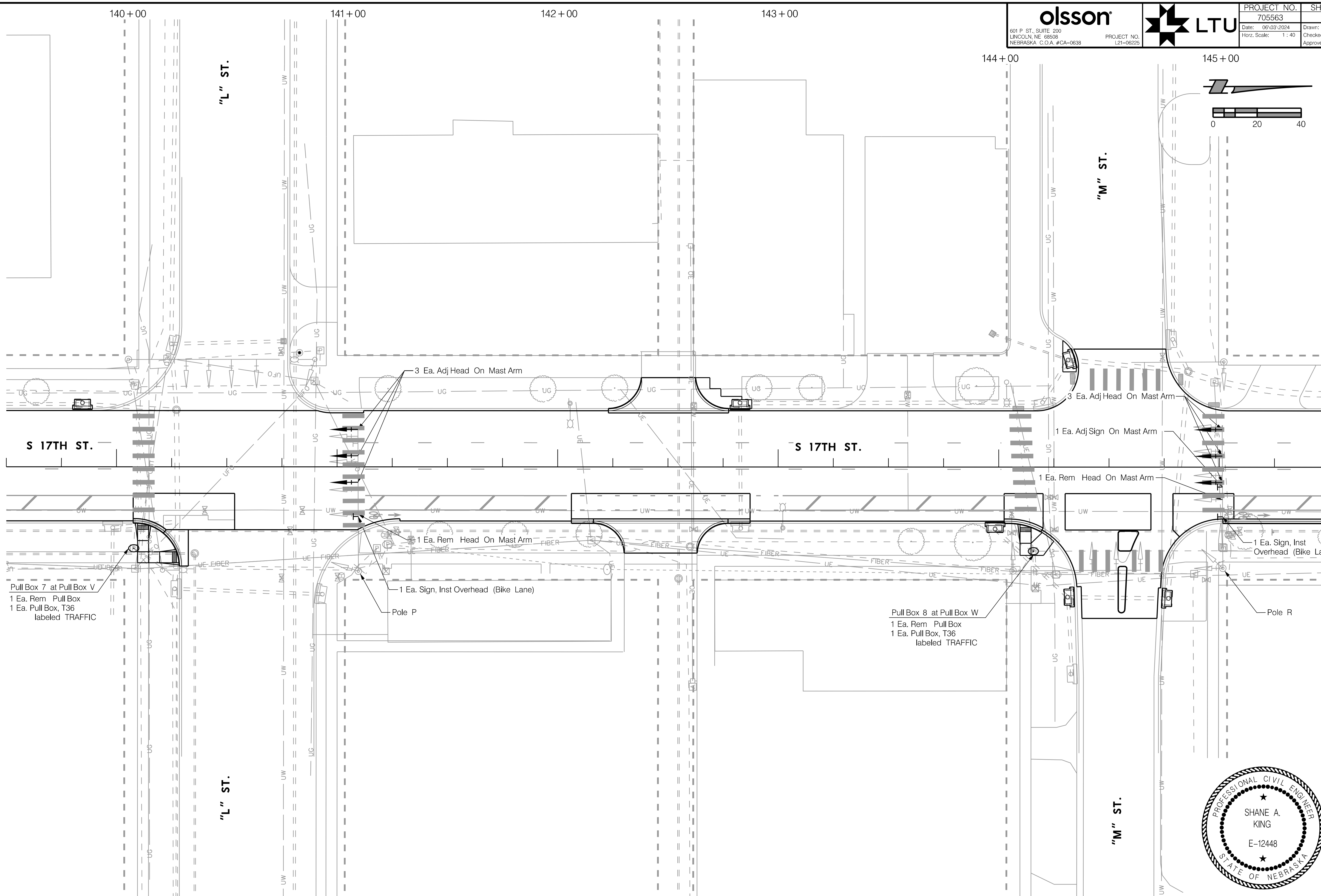
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	33
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
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STATE OF NEBRASKA

TRAFFIC SIGNAL
S 17TH STREET

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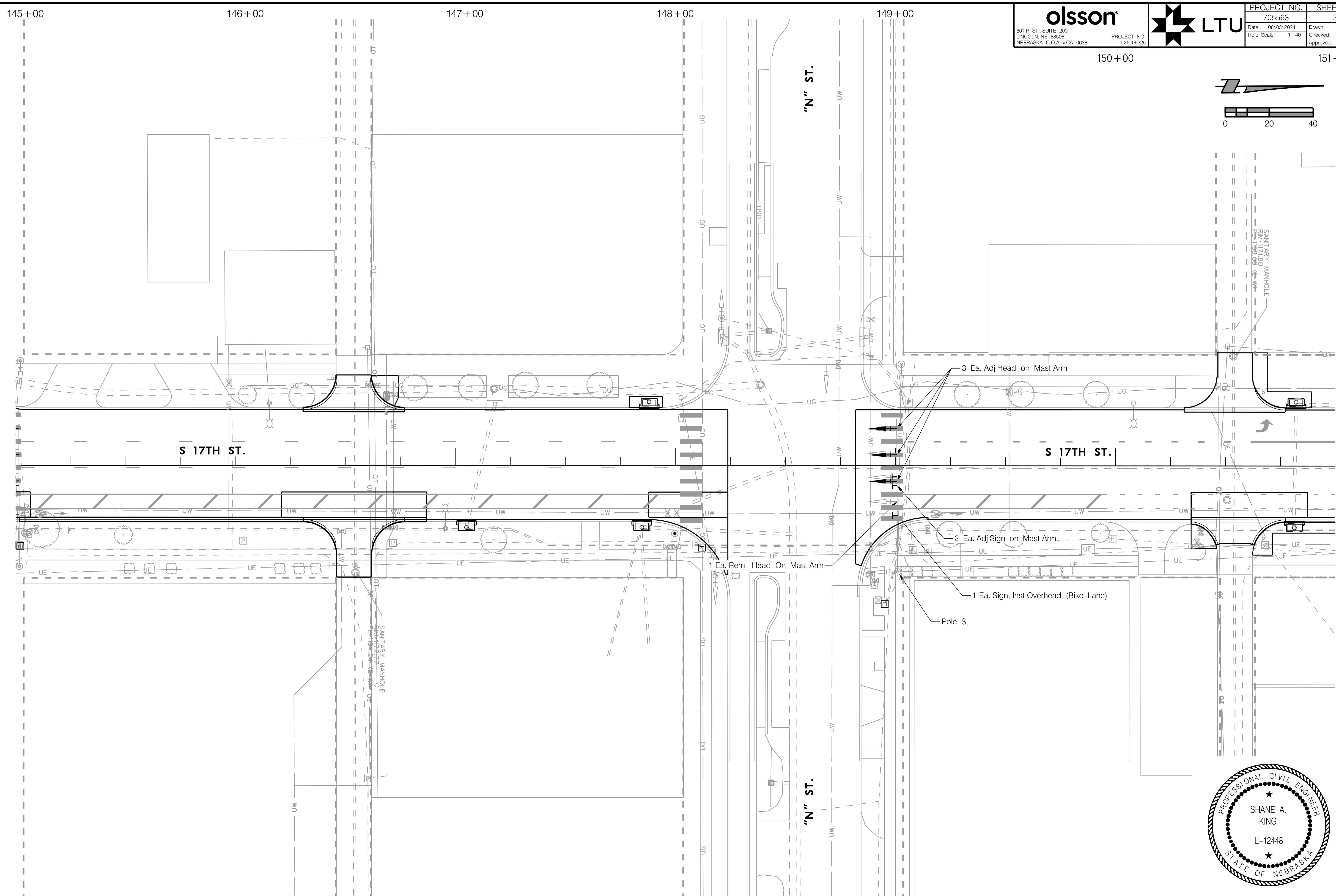
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225
LTU
PROJECT NO. 705563
SHEET NO. 34
Date: 06\03\2024
Horz. Scale: 1 : 40
Drawn: PVK
Checked: SAK
Approved: SAK



TRAFFIC SIGNAL
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS08.dgn

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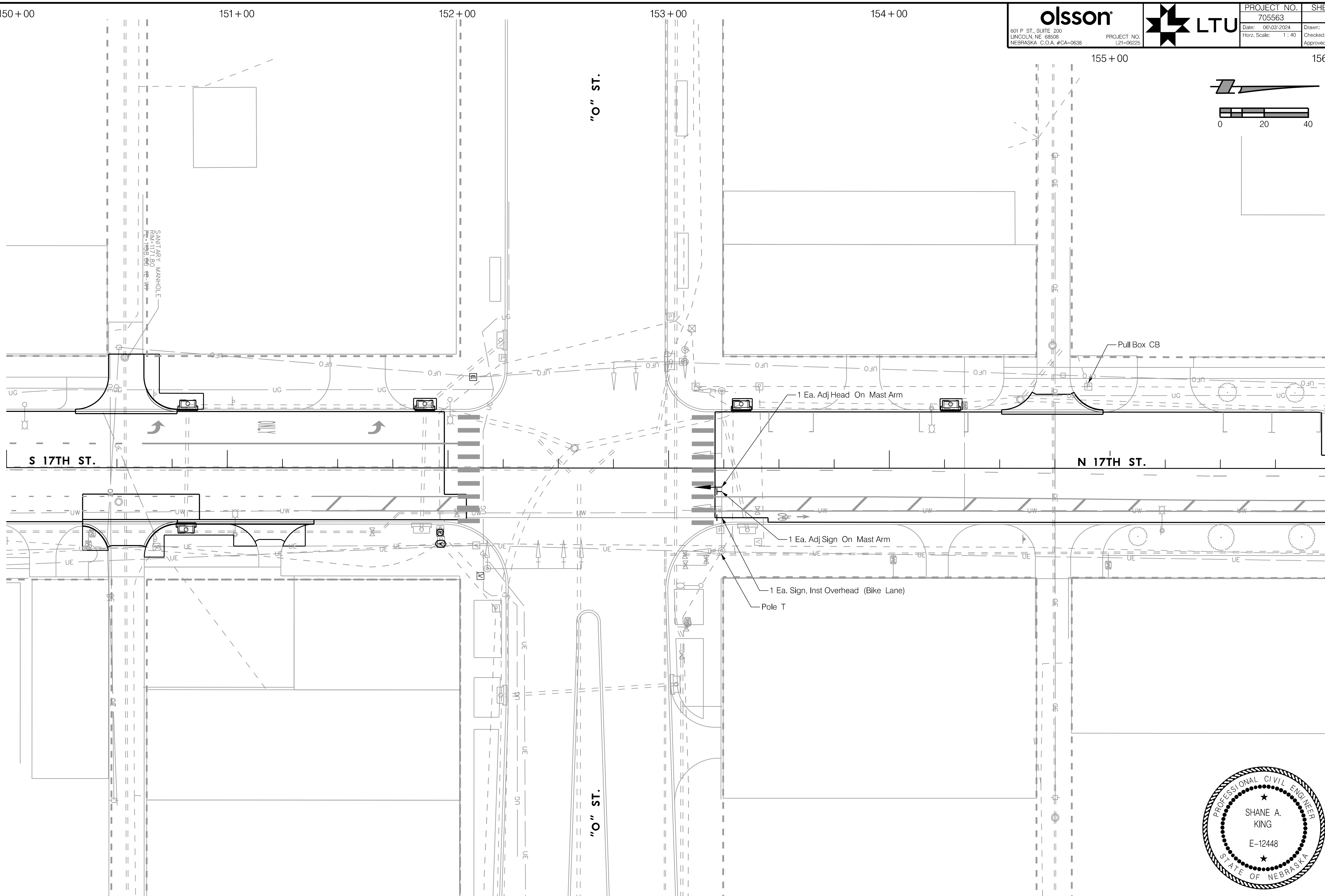
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	35
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

TRAFFIC SIGNAL
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS09.dgn

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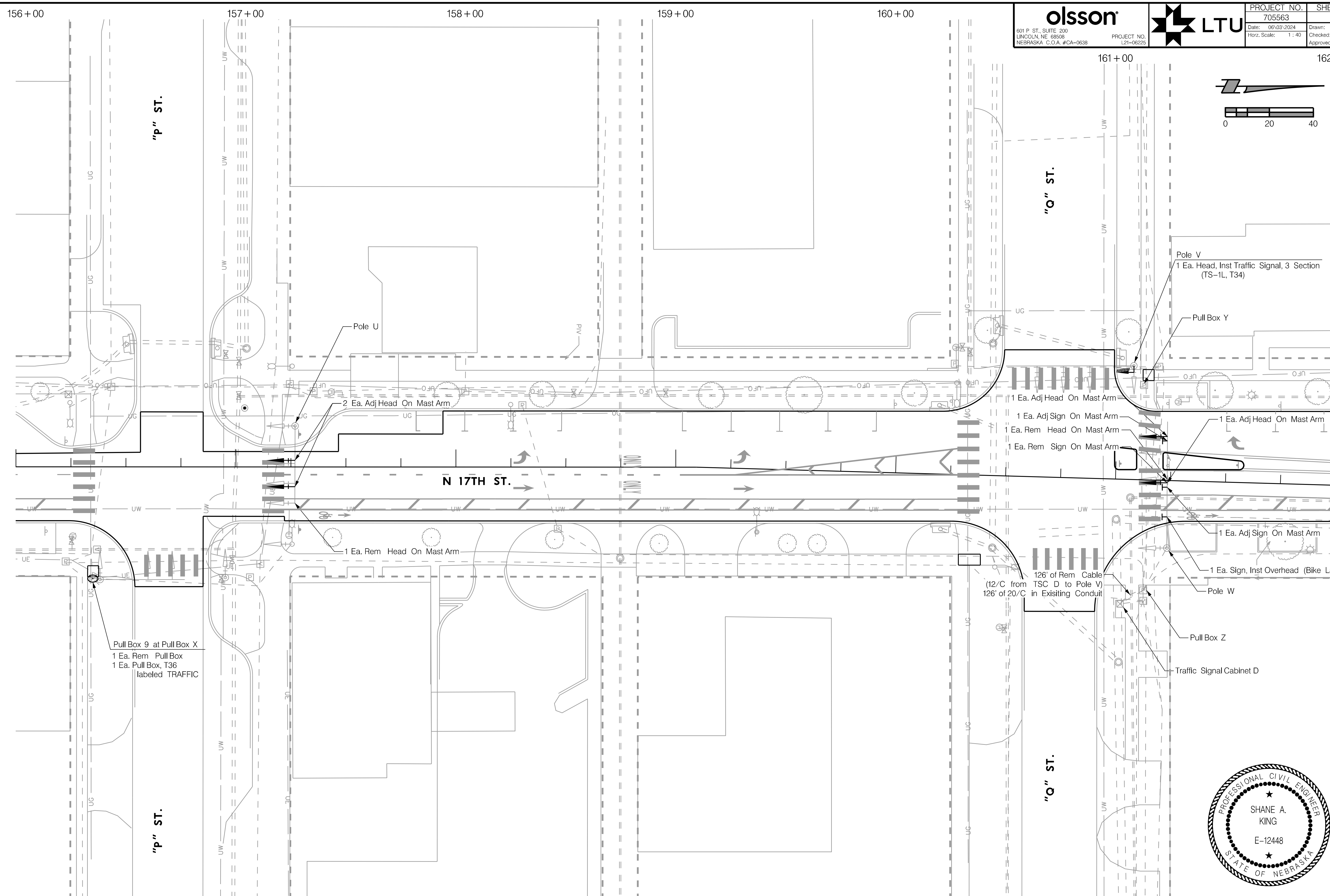
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	36
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



SHANE A. KING
E-12448
PROFESSIONAL CIVIL ENGINEER
STATE OF NEBRASKA

TRAFFIC SIGNAL
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\TS_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563TS10.dgn

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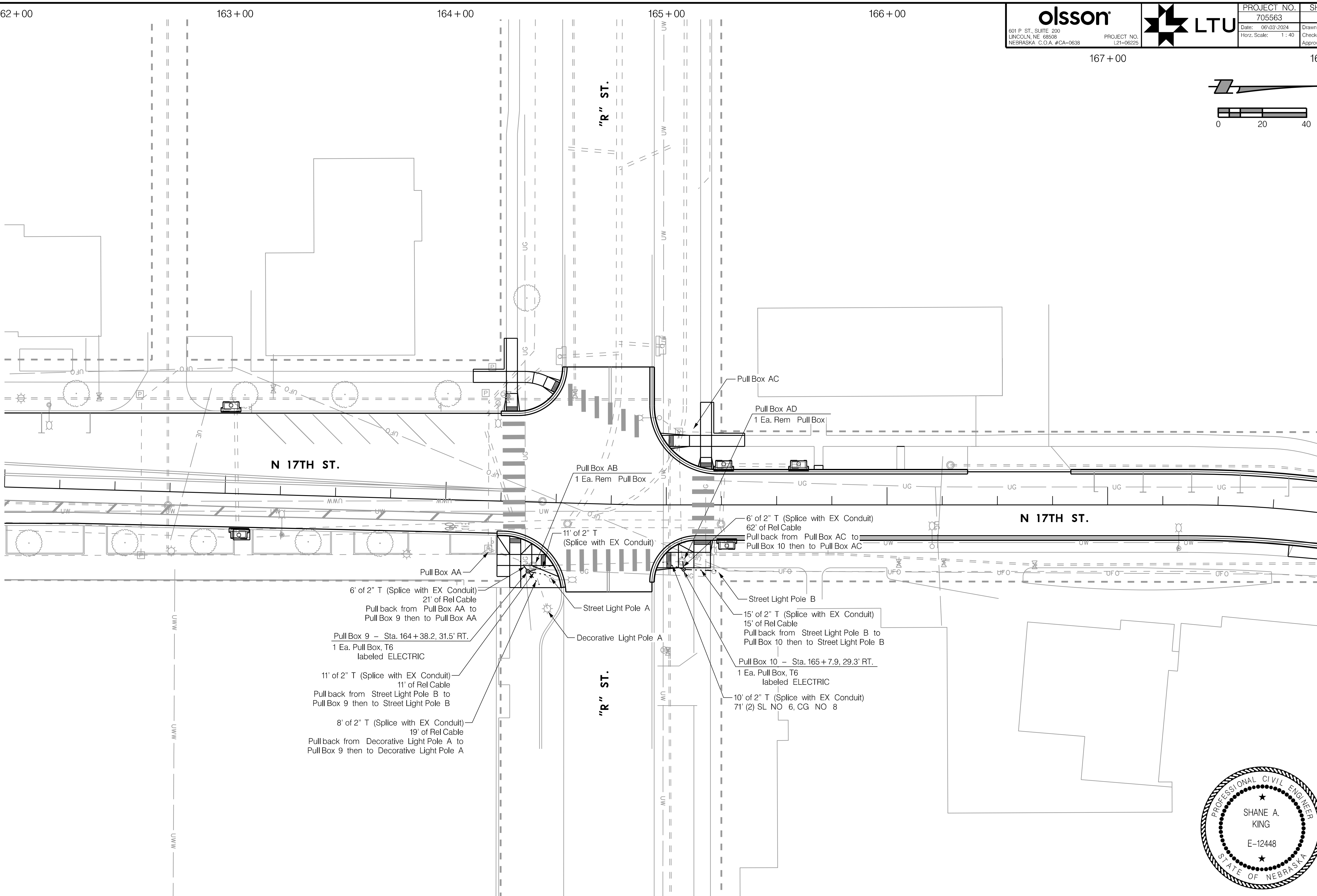
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	37
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

TRAFFIC SIGNAL
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM01.dgn

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601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

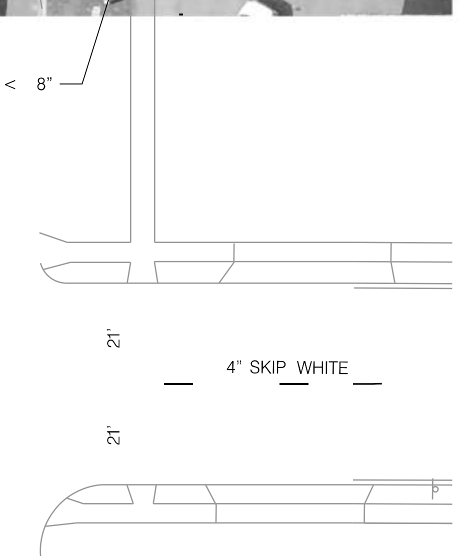
LTU

PROJECT NO.	SHEET NO.
705563	38
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

96+00 97+00

0 20 40

REMOVE MKG, LINE, < 8"



PAINT MKG, 4"		13.05004
STATION TO STATION	SIDE	LF
96+00 - 97+00	LT. / RT.	20

REMOVE MKG, LINE <8"		13.01001
STATION TO STATION	SIDE	LF
96+00 - 97+00	LT. / RT.	18

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM02.dgn

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601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	39

Date:	06\03\2024	Drawn:	PVK
Horz. Scale:	1 : 40	Checked:	SAK
		Approved:	SAK

97+00 98+00 99+00 100+00 101+00 102+00 103+00

0 20 40

MOLTEN THERMOPLASTIC MKG, 4" (13.03004)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	25

PAINT MKG, 4" (13.05004)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	98

PAINT MKG, 12" (13.05012)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	180

MOLTEN THERMOPLASTIC MKG, 6" (13.03006)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	200

PAINT MKG, 6" (13.05006)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	303

PAINT MKG, 24" (13.05024)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	190

PREFORMED THERMOPLASTIC MKG, SYMBOL (13.02001)

STATION TO STATION	SIDE	EA
97+00 – 103+00	RT.	2

MOLTEN THERMOPLASTIC MKG, 12" (13.03012)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	18

PAINT MKG, 8" (13.05008)

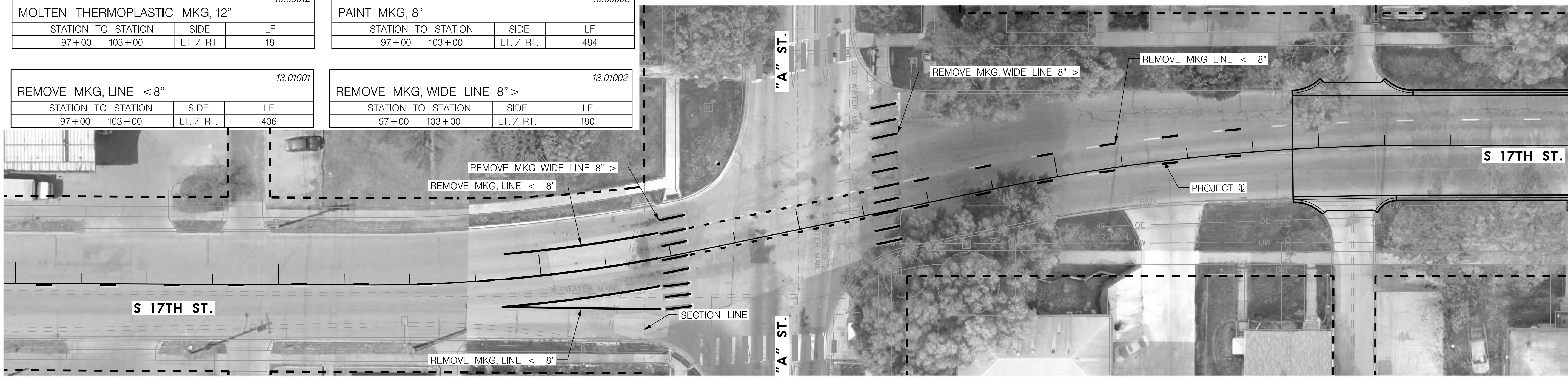
STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	484

REMOVE MKG, LINE <8" (13.01001)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	406

REMOVE MKG, WIDE LINE 8"> (13.01002)

STATION TO STATION	SIDE	LF
97+00 – 103+00	LT. / RT.	180



SIGN < 4 SQ. FT. (FOR INFORMATION ONLY)

STATION	OFFSET	EA
98+45.6	171.7' RT.	2
101+14.6	21.5' RT.	1

SIGN 4 SQ. FT. < 9 SQ. FT. (FOR INFORMATION ONLY)

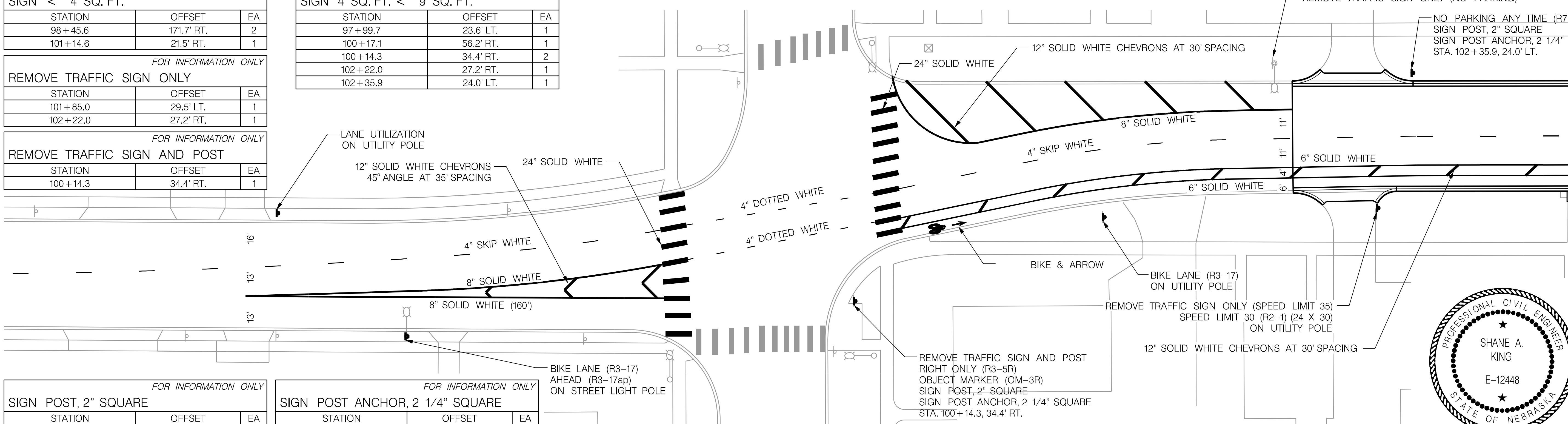
STATION	OFFSET	EA
97+99.7	23.6' LT.	1
100+17.1	56.2' RT.	1
100+14.3	34.4' RT.	2
102+22.0	27.2' RT.	1
102+35.9	24.0' LT.	1

REMOVE TRAFFIC SIGN ONLY (FOR INFORMATION ONLY)

STATION	OFFSET	EA
101+85.0	29.5' LT.	1
102+22.0	27.2' RT.	1

REMOVE TRAFFIC SIGN AND POST (FOR INFORMATION ONLY)

STATION	OFFSET	EA
100+14.3	34.4' RT.	1



SIGN POST, 2" SQUARE (FOR INFORMATION ONLY)

STATION	OFFSET	EA
100+14.3	34.4' RT.	1
102+35.9	24.0' LT.	1

SIGN POST ANCHOR, 2 1/4" SQUARE (FOR INFORMATION ONLY)

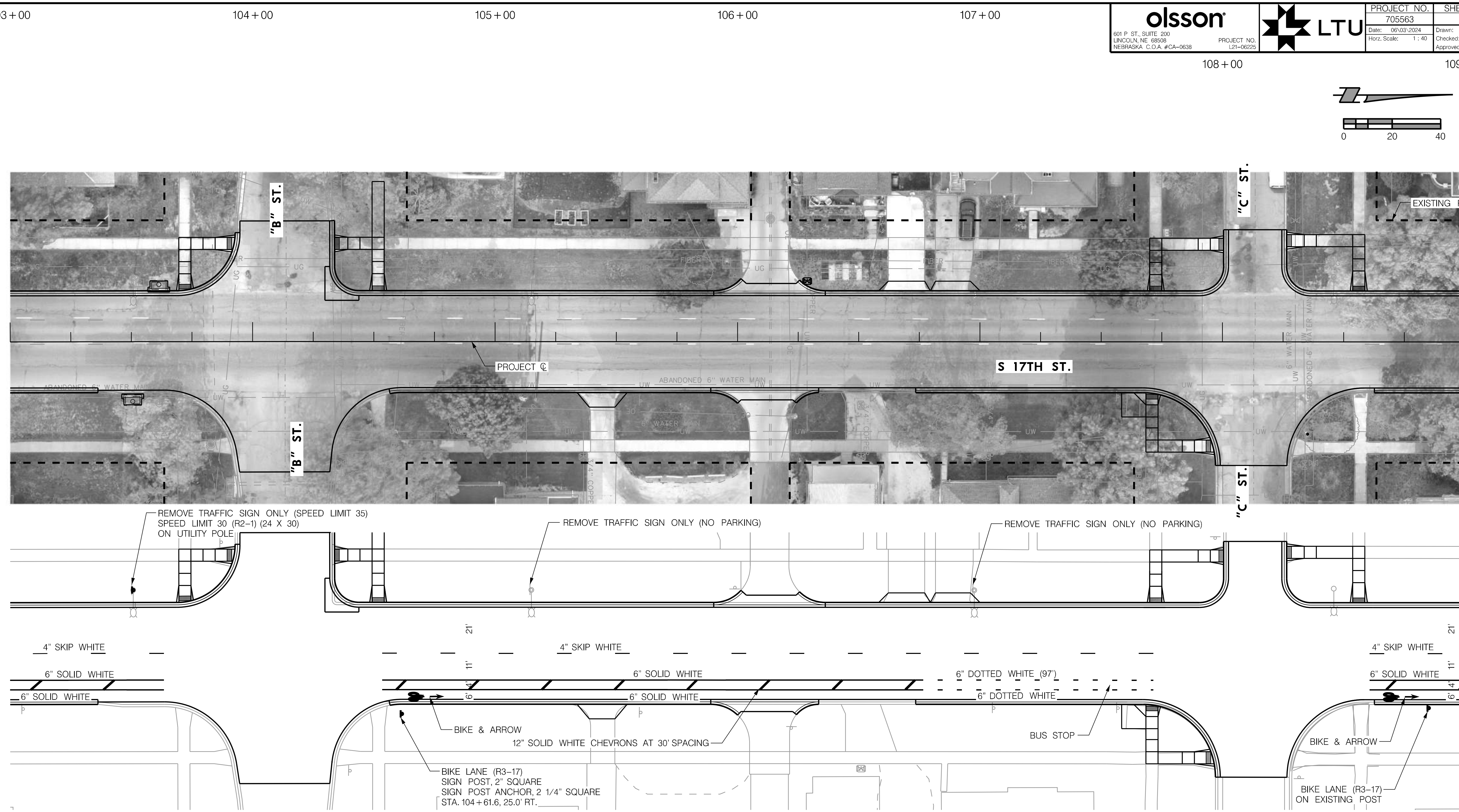
STATION	OFFSET	EA
100+14.3	34.4' RT.	1
102+35.9	24.0' LT.	1

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ..\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ..\705563PM03.dgn

olsson 601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638 PROJECT NO. L21-06225	LTU	PROJECT NO. 705563 Date: 06\03\2024 Horz. Scale: 1 : 40	SHEET NO. 40 Drawn: PVK Checked: SAK Approved: SAK



13.03004
MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
103+00 – 109+00	LT. / RT.	105

13.03006
MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
103+00 – 109+00	RT.	694

13.03012
MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
103+00 – 109+00	RT.	69

13.02001
PREFORMED THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
103+00 – 109+00	RT.	4

FOR INFORMATION ONLY
SIGN < 4 SQ. FT.

STATION	OFFSET	EA
104+61.6	25.0' RT.	1
108+85.1	22.4' RT.	1

FOR INFORMATION ONLY
REMOVE TRAFFIC SIGN ONLY

STATION	OFFSET	EA
103+50.8	26.1' LT.	1
105+14.9	26.1' LT.	1
106+97.6	26.1' LT.	1

FOR INFORMATION ONLY
SIGN 4 SQ. FT. < 9 SQ. FT.

STATION	OFFSET	EA
103+50.8	26.1' LT.	1

FOR INFORMATION ONLY
SIGN POST, 2" SQUARE

STATION	OFFSET	EA
104+61.6	25.0' RT.	1

FOR INFORMATION ONLY
SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
104+61.6	25.0' RT.	1

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM04.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	41
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

109+00 110+00 111+00 112+00 113+00 114+00 115+00

FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
112+83.6	25.0' RT.	1

FOR INFORMATION ONLY

SIGN POST, 2" SQUARE

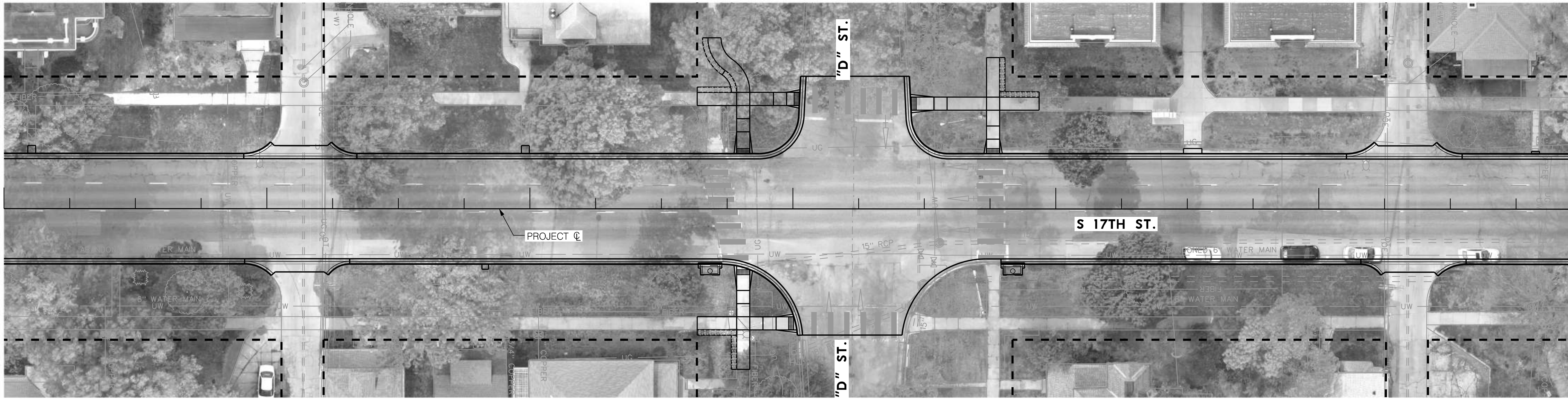
STATION	OFFSET	EA
112+83.6	25.0' RT.	1

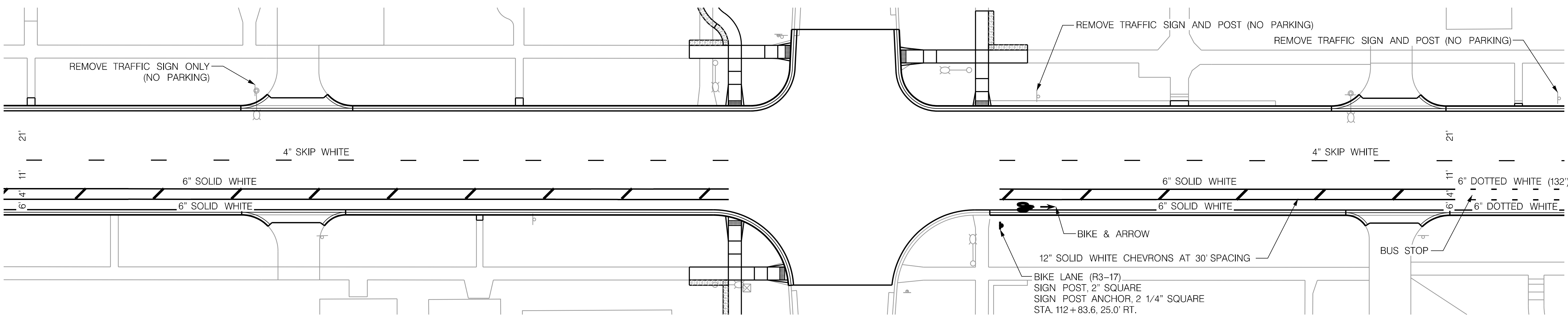
FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
112+83.6	25.0' RT.	1

0 20 40





13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
109+00 - 115+00	LT. / RT.	125

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
109+00 - 115+00	RT.	92

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST

STATION	OFFSET	EA
112+97.8	24.6' LT.	1
114+98.0	24.0' LT.	1

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
109+00 - 115+00	RT.	926

13.02001

PREFORMED THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
109+00 - 115+00	RT.	2

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN ONLY

STATION	OFFSET	EA
109+97.2	26.8' LT.	1

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM05.dgn

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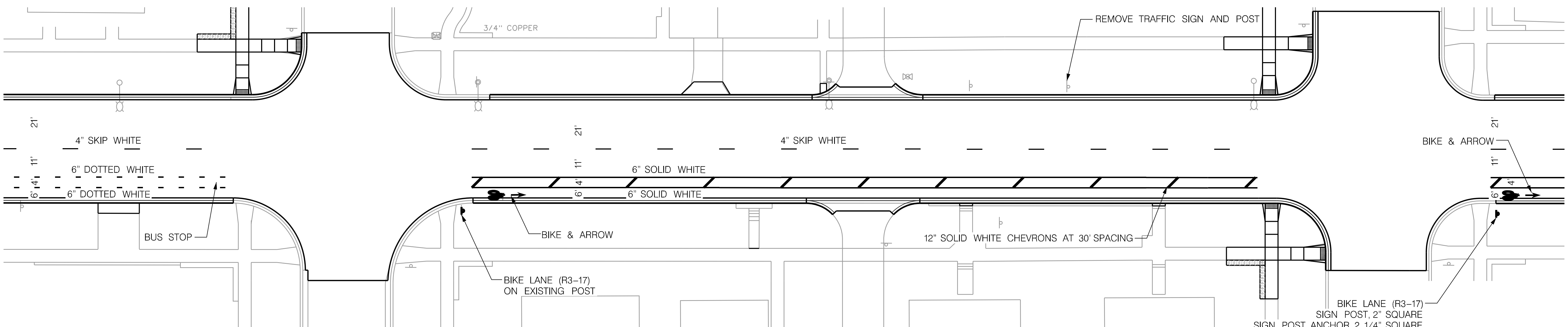
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	42
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

115+00 116+00 117+00 118+00 119+00 120+00 121+00

0 20 40



13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
115+00 – 121+00	LT. / RT.	129

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
115+00 – 121+00	RT.	95

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST

STATION	OFFSET	EA
119+13.0	24.1' LT.	1

FOR INFORMATION ONLY

SIGN POST, 2" SQUARE

STATION	OFFSET	EA
120+79.4	25.0' RT.	1

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
115+00 – 121+00	RT.	900

13.02001

PREFORMED THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
115+00 – 121+00	RT.	4

FOR INFORMATION ONLY

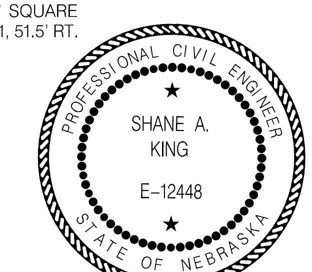
SIGN < 4 SQ. FT.

STATION	OFFSET	EA
116+78.1	24.0' RT.	1
120+79.4	25.0' RT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
120+79.4	25.0' RT.	1



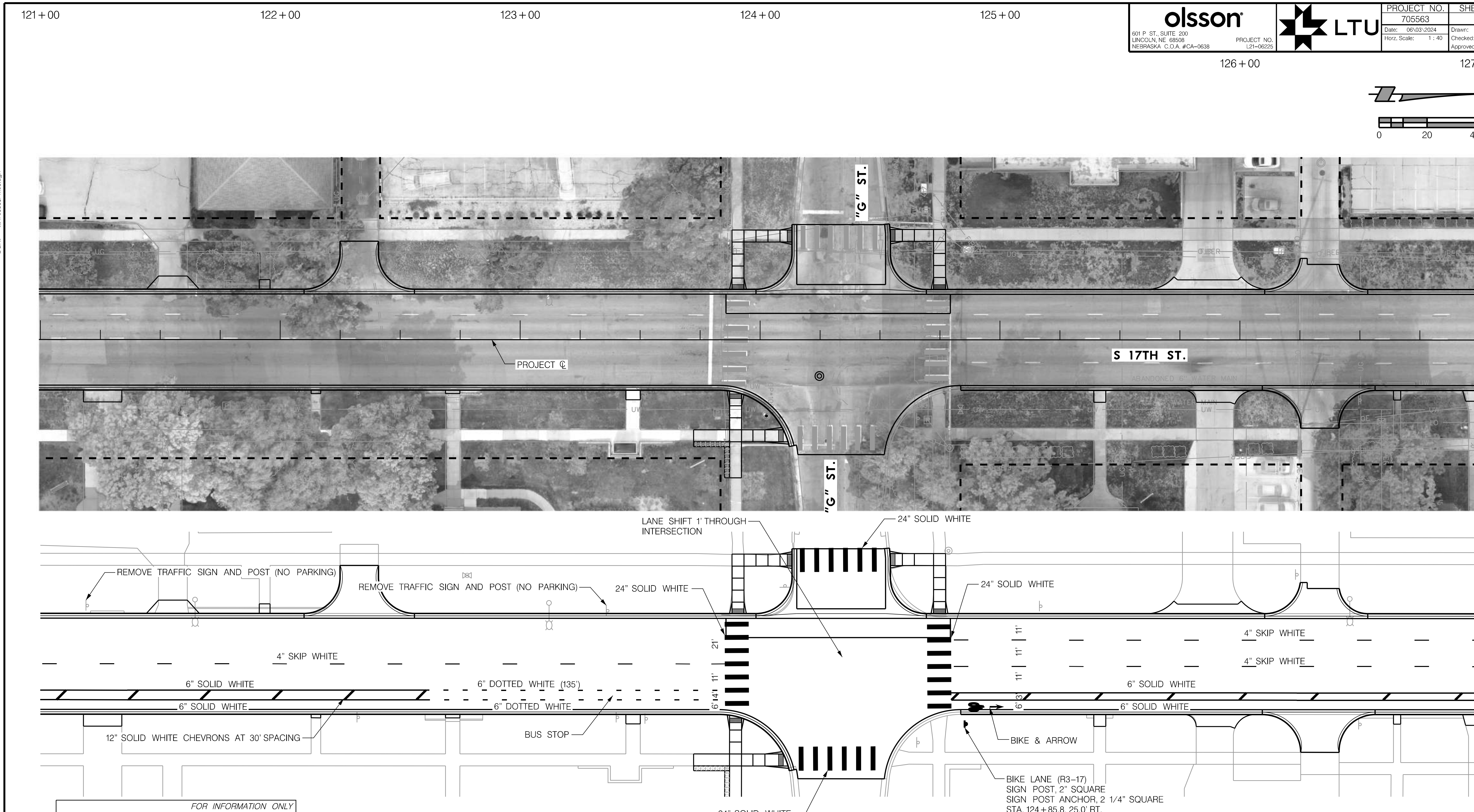
PAVEMENT MARKING & SIGNING
S 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	43
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



FOR INFORMATION ONLY		
SIGN < 4 SQ. FT.		
STATION	OFFSET	EA
124+85.8	25.0' RT.	1

FOR INFORMATION ONLY		
SIGN POST, 2" SQUARE		
STATION	OFFSET	EA
124+85.8	25.0' RT.	1

FOR INFORMATION ONLY		
SIGN POST ANCHOR, 2 1/4" SQUARE		
STATION	OFFSET	EA
124+85.8	25.0' RT.	1

13.03004		
MOLTEN THERMOPLASTIC MKG, 4"		
STATION TO STATION	SIDE	LF
121+00 – 127+00	LT.	182

13.03006		
MOLTEN THERMOPLASTIC MKG, 6"		
STATION TO STATION	SIDE	LF
121+00 – 127+00	RT.	825

13.03012		
MOLTEN THERMOPLASTIC MKG, 12"		
STATION TO STATION	SIDE	LF
121+00 – 127+00	RT.	68

13.03024		
MOLTEN THERMOPLASTIC MKG, 24"		
STATION TO STATION	SIDE	LF
121+00 – 127+00	LT. / RT.	260

FOR INFORMATION ONLY		
REMOVE TRAFFIC SIGN AND POST		
STATION	OFFSET	EA
121+19.6	24.2' LT.	1
123+36.5	22.1' LT.	1

13.02001		
MOLTEN THERMOPLASTIC MKG, SYMBOL		
STATION TO STATION	SIDE	EA
121+00 – 127+00	RT.	2

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM07.dgn

127+00 128+00 129+00 130+00 131+00 132+00 133+00

FOR INFORMATION ONLY

SIGN 4 SQ. FT. < 9 SQ. FT.

STATION	OFFSET	EA
127+27.5	24.2' RT.	1
127+94.1	26.4' LT.	1
131+69.1	25.3' RT.	1

FOR INFORMATION ONLY

SIGN POST, 2" SQUARE

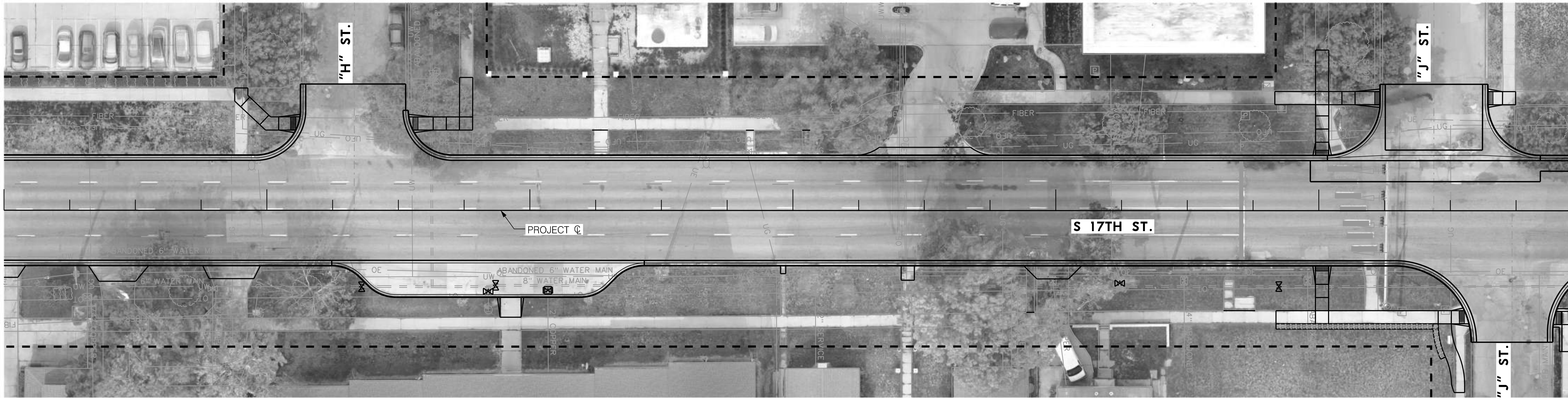
STATION	OFFSET	EA
131+69.1	25.3' RT.	1

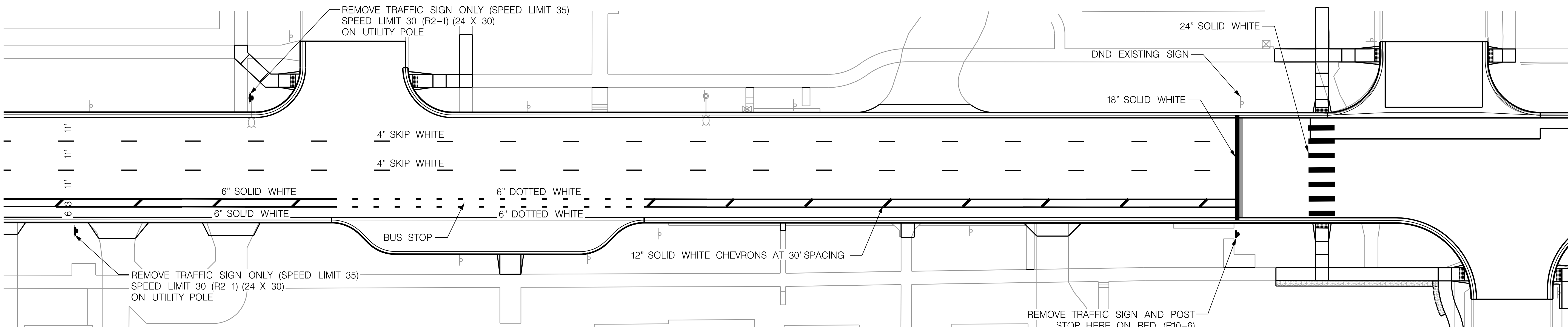
FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
131+69.1	25.3' RT.	1

0 20 40





13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
127+00 – 133+00	LT. / RT.	434

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
127+00 – 133+00	RT.	48

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN ONLY

STATION	OFFSET	EA
127+27.5	24.2' RT.	1
127+94.1	26.4' LT.	1

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
127+00 – 133+00	RT.	762

13.03018

MOLTEN THERMOPLASTIC MKG, 18"

STATION TO STATION	SIDE	LF
127+00 – 133+00	LT. / RT.	40

13.03024

MOLTEN THERMOPLASTIC MKG, 24"

STATION TO STATION	SIDE	LF
127+00 – 133+00	LT. / RT.	70

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST

STATION	OFFSET	EA
131+69.1	25.3' RT.	1

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING

S 17TH STREET

PROJ: ...RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM08.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	45

Date:	06\03\2024	Drawn:	PVK
Horz. Scale:	1 : 40	Checked:	SAK
		Approved:	SAK

FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
133+41.3	23.0' RT.	1
137+9.3	29.5' RT.	1

FOR INFORMATION ONLY

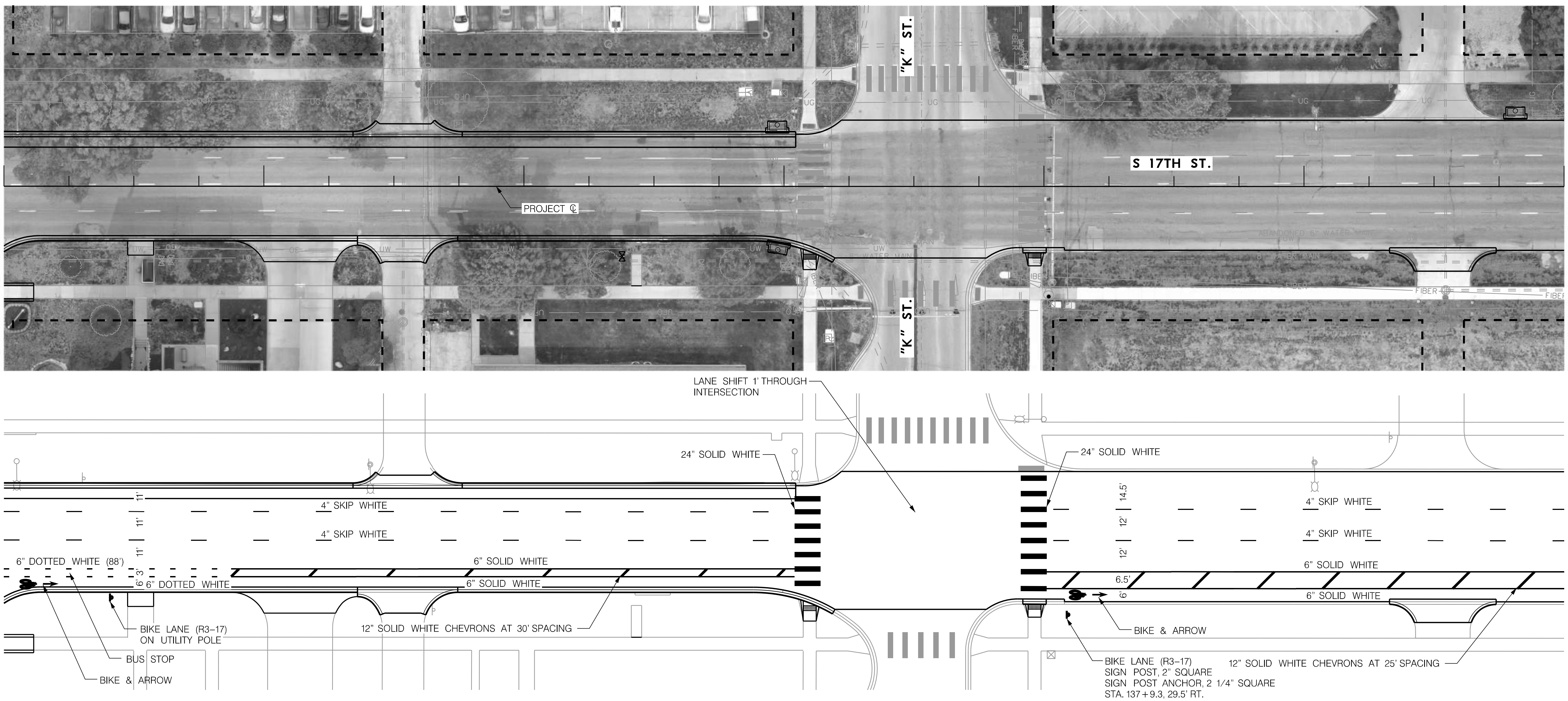
SIGN POST, 2" SQUARE

STATION	OFFSET	EA
137+9.3	29.5' RT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
137+9.3	29.5' RT.	1



13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
133+00 – 139+00	LT. / RT.	252

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
133+00 – 139+00	RT.	104

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
133+00 – 139+00	RT.	875

13.03024

MOLTEN THERMOPLASTIC MKG, 24"

STATION TO STATION	SIDE	LF
133+00 – 139+00	LT. / RT.	150

13.02001

MOLTEN THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
133+00 – 139+00	RT.	4

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

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601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225
LTU

PROJECT NO.	SHEET NO.
705563	46
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

139+00 140+00 141+00 142+00 143+00 144+00 145+00

FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
141+28.5	28.5' RT.	1

FOR INFORMATION ONLY

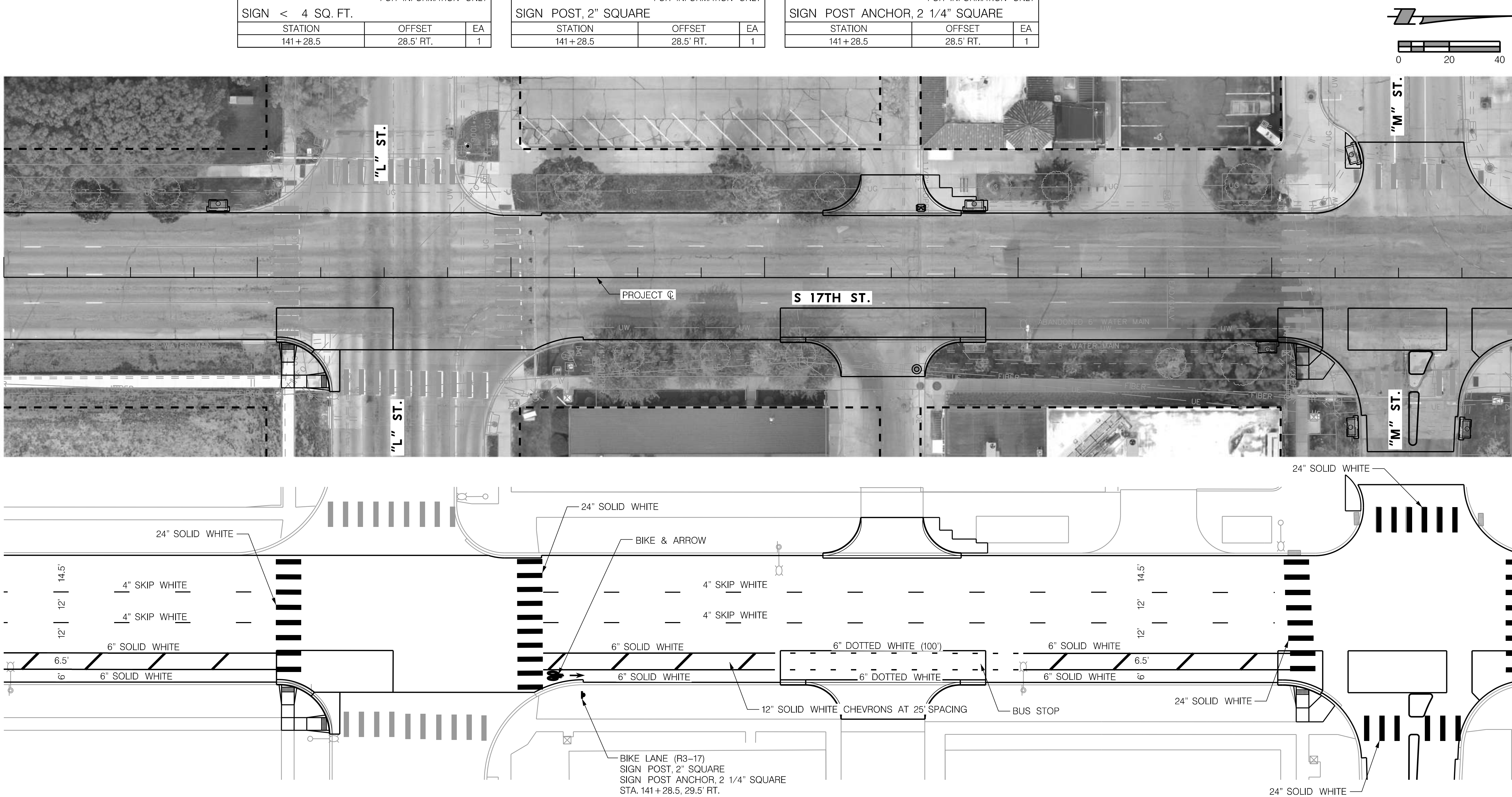
SIGN POST, 2" SQUARE

STATION	OFFSET	EA
141+28.5	28.5' RT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
141+28.5	28.5' RT.	1



13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
139+00 – 145+00	LT. / RT.	202

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
139+00 – 145+00	RT.	108

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
139+00 – 145+00	RT.	672

13.03024

MOLTEN THERMOPLASTIC MKG, 24"

STATION TO STATION	SIDE	LF
139+00 – 145+00	LT. / RT.	440

13.02001

MOLTEN THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
139+00 – 145+00	RT.	2

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJECT NO.	SHEET NO.
705563	47
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM10.dgn

FOR INFORMATION ONLY

SIGN 4 SQ. FT. < 9 SQ. FT.

STATION	OFFSET	EA
149+6.4	29.5' LT.	1

FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
145+24.4	29.5' RT.	1
149+14.8	29.5' RT.	1

FOR INFORMATION ONLY

SIGN POST, 2" SQUARE

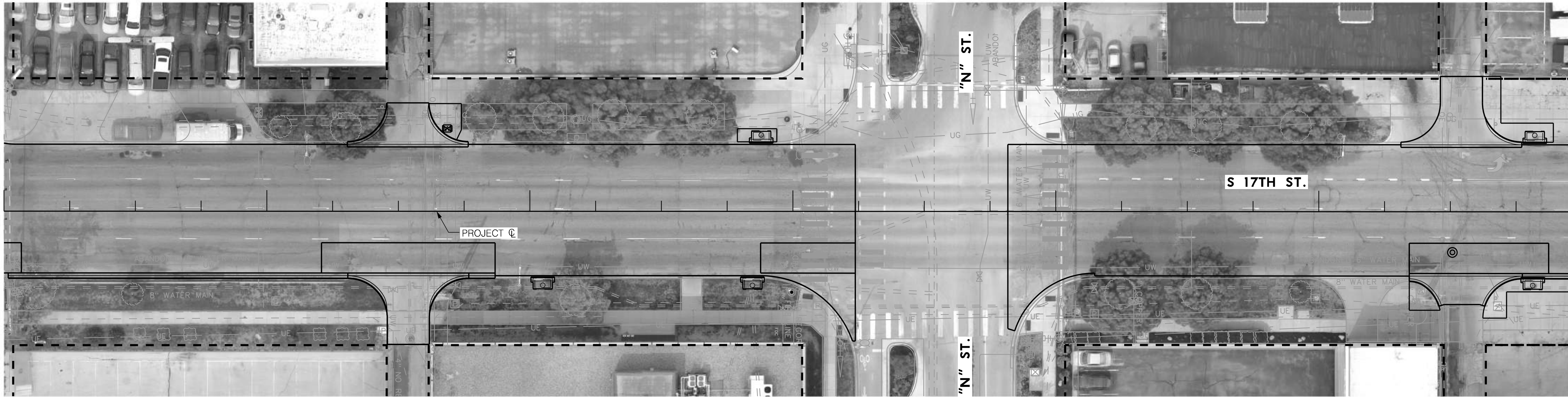
STATION	OFFSET	EA
145+24.4	29.5' RT.	1
149+14.8	29.5' RT.	1
149+6.4	29.5' LT.	1

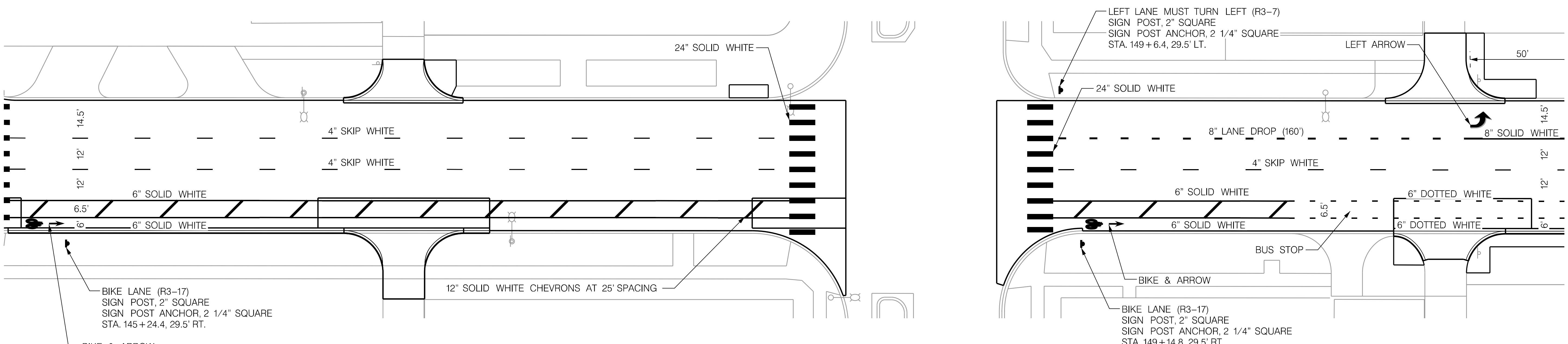
FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
145+24.4	29.5' RT.	1
149+14.8	29.5' RT.	1
149+6.4	29.5' LT.	1

0 20 40





13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
145+00 – 151+00	LT. / RT.	198

13.03008

MOLTEN THERMOPLASTIC MKG, 8"

STATION TO STATION	SIDE	LF
145+00 – 151+00	LT.	76

13.03024

MOLTEN THERMOPLASTIC MKG, 24"

STATION TO STATION	SIDE	LF
145+00 – 151+00	LT. / RT.	180

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
145+00 – 151+00	RT.	833

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
145+00 – 151+00	RT.	144

13.02001

MOLTEN THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
145+00 – 151+00	LT.	1
145+00 – 151+00	RT.	4

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ..\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ..\705563PM11.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638

PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	48

Date:	06\03\2024	Drawn:	PVK
Horz. Scale:	1 : 40	Checked:	SAK
		Approved:	SAK

FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
154+61.1	32.1' RT.	1

FOR INFORMATION ONLY

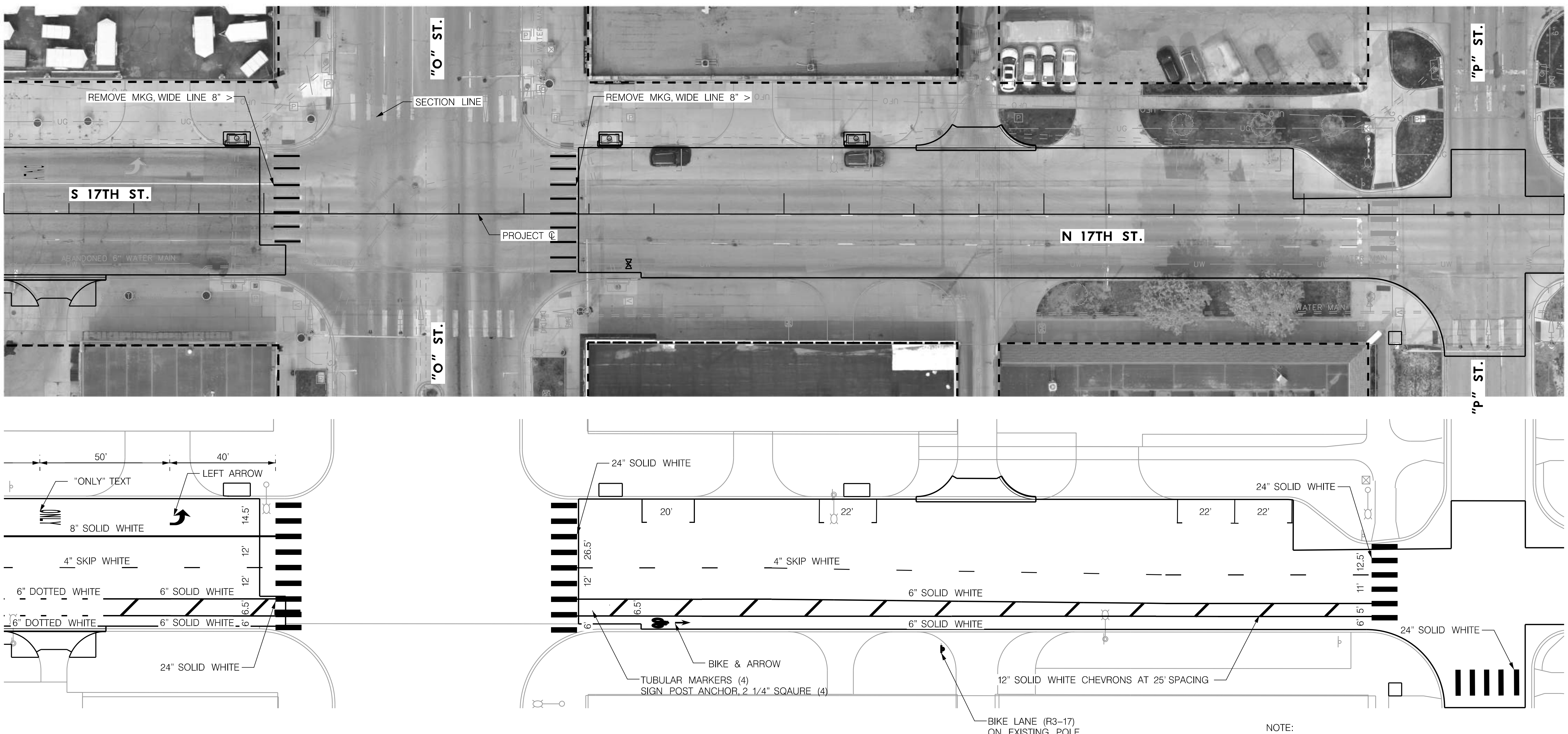
TUBULAR MARKER

STATION	OFFSET	EA
153+20.5	19.5' RT.	1
153+26.4	17.5' RT.	1
153+33.0	15.3' RT.	1
153+39.7	13.0' RT	1

FOR INFORMATION ONLY

TUBULAR MARKER ANCHOR, SQUARE

STATION	OFFSET	EA
153+20.5	19.5' RT.	1
153+26.4	17.5' RT.	1
153+33.0	15.3' RT.	1
153+39.7	13.0' RT	1



NOTE:
CENTER PARKING STALLS OR
STALL LINE ON EXISTING METER

MOLTEN THERMOPLASTIC MKG, 4" *13.03004*

STATION TO STATION	SIDE	LF
151+00 – 157+00	LT. / RT.	116

MOLTEN THERMOPLASTIC MKG, 8" *13.03008*

STATION TO STATION	SIDE	LF
151+00 – 157+00	LT.	104

MOLTEN THERMOPLASTIC MKG, 24" *13.03024*

STATION TO STATION	SIDE	LF
151+00 – 157+00	LT. / RT.	290

MOLTEN THERMOPLASTIC MKG, 6" *13.03006*

STATION TO STATION	SIDE	LF
151+00 – 157+00	RT.	760

MOLTEN THERMOPLASTIC MKG, 12" *13.03012*

STATION TO STATION	SIDE	LF
151+00 – 157+00	RT.	124

MOLTEN THERMOPLASTIC MKG, SYMBOL *13.02001*

STATION TO STATION	SIDE	EA
151+00 – 157+00	LT.	2
151+00 – 157+00	RT.	2

REMOVE MKG, WIDE LINE 8"> *13.01002*

STATION TO STATION	SIDE	LF
151+00 – 157+00	LT. / RT.	170

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING
N 17TH STREET

PROJ: ...RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\PM_Pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\705563PM12.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	49
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

FOR INFORMATION ONLY

SIGN 4 SQ. FT. < 9 SQ. FT.

STATION	OFFSET	EA
157+29.0	14.8' LT.	1
157+29.0	28.5' RT.	1
161+2.1	7.1' LT.	1
161+23.6	10.2' LT.	1
161+55.1	7.9' LT.	1

FOR INFORMATION ONLY

SIGN POST, 2" SQUARE

STATION	OFFSET	EA
161+2.1	7.1' LT.	1
161+23.6	10.2' LT.	1
161+55.1	7.9' LT.	1

FOR INFORMATION ONLY

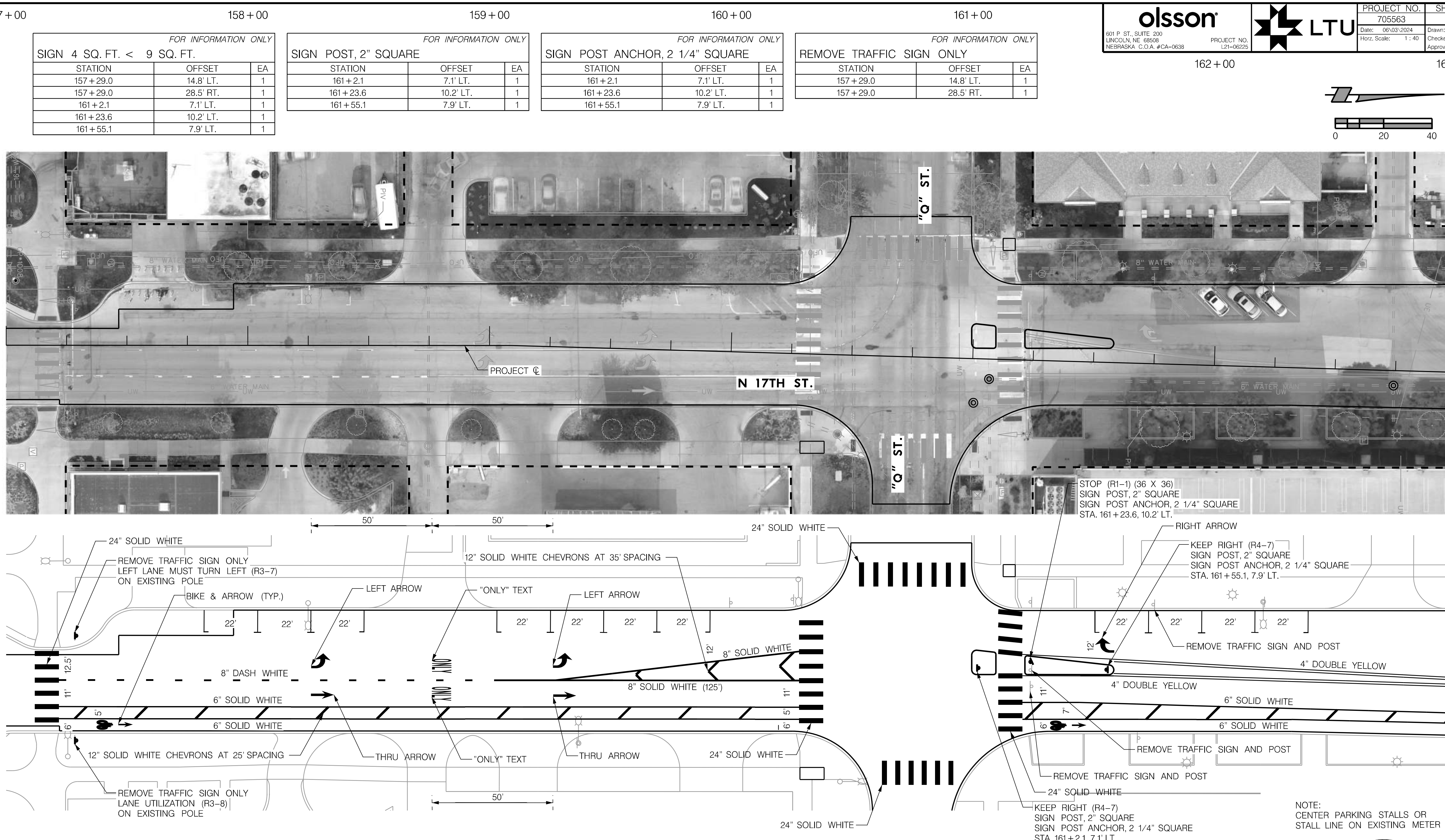
SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
161+2.1	7.1' LT.	1
161+23.6	10.2' LT.	1
161+55.1	7.9' LT.	1

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN ONLY

STATION	OFFSET	EA
157+29.0	14.8' LT.	1
157+29.0	28.5' RT.	1



NOTE:
CENTER PARKING STALLS OR STALL LINE ON EXISTING METER

13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
157+00 – 163+00	LT. / RT.	960

13.03008

MOLTEN THERMOPLASTIC MKG, 8"

STATION TO STATION	SIDE	LF
157+00 – 163+00	LT.	462

13.03024

MOLTEN THERMOPLASTIC MKG, 24"

STATION TO STATION	SIDE	LF
157+00 – 163+00	LT. / RT.	370

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
157+00 – 163+00	RT.	970

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
157+00 – 163+00	RT.	179

13.02001

MOLTEN THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
157+00 – 163+00	LT.	4
157+00 – 163+00	RT.	7

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST

STATION	OFFSET	EA
161+23.6	6.8' LT.	1
161+24.3	0.1' LT.	1

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

PAVEMENT MARKING & SIGNING

N 17TH STREET

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	50
Date: 06\03\2024	Drawn: PVK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

FOR INFORMATION ONLY

SIGN FYG, < 4 SQ. FT.

STATION	OFFSET	EA
168+51.1	19.0' RT.	1
168+68.0	18.7' LT.	1

FOR INFORMATION ONLY

SIGN FYG 4 SQ. FT. < 9 SQ. FT.

STATION	OFFSET	EA
167+32.2	19.7' RT.	1
168+51.1	19.0' RT.	1
168+68.0	18.7' LT.	1

FOR INFORMATION ONLY

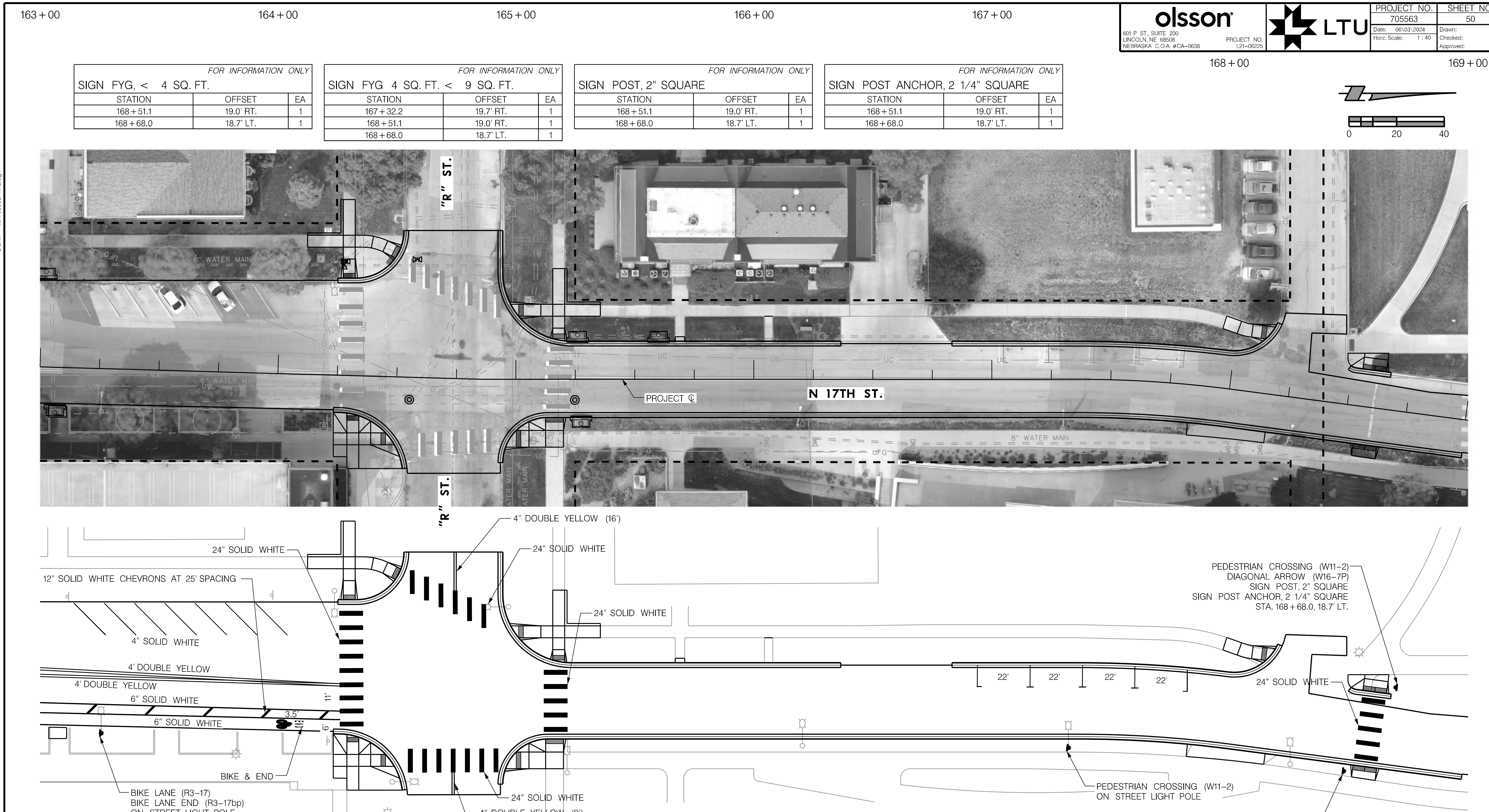
SIGN POST, 2" SQUARE

STATION	OFFSET	EA
168+51.1	19.0' RT.	1
168+68.0	18.7' LT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE

STATION	OFFSET	EA
168+51.1	19.0' RT.	1
168+68.0	18.7' LT.	1



13.03004

MOLTEN THERMOPLASTIC MKG, 4"

STATION TO STATION	SIDE	LF
163+00 – 169+00	LT. / RT.	770

13.03012

MOLTEN THERMOPLASTIC MKG, 12"

STATION TO STATION	SIDE	LF
163+00 – 169+00	RT.	26

FOR INFORMATION ONLY

SIGN < 4 SQ. FT.

STATION	OFFSET	EA
163+26.3	18.1' RT.	2

PEDESTRIAN CROSSING (W11-2)
DIAGONAL ARROW (W16-7P)
SIGN POST, 2" SQUARE
SIGN POST ANCHOR, 2 1/4" SQUARE
STA. 168+51.1, 19.0' RT.

13.03006

MOLTEN THERMOPLASTIC MKG, 6"

STATION TO STATION	SIDE	LF
163+00 – 169+00	RT.	252

13.03024

MOLTEN THERMOPLASTIC MKG, 24"

STATION TO STATION	SIDE	LF
163+00 – 169+00	LT. / RT.	320

13.02001

MOLTEN THERMOPLASTIC MKG, SYMBOL

STATION TO STATION	SIDE	EA
163+00 – 169+00	RT.	2

NOTE:
CENTER PARKING STALLS OR STALL LINE ON EXISTING METER

PROFESSIONAL CIVIL ENGINEER
SHANE A. KING
E-12448
STATE OF NEBRASKA

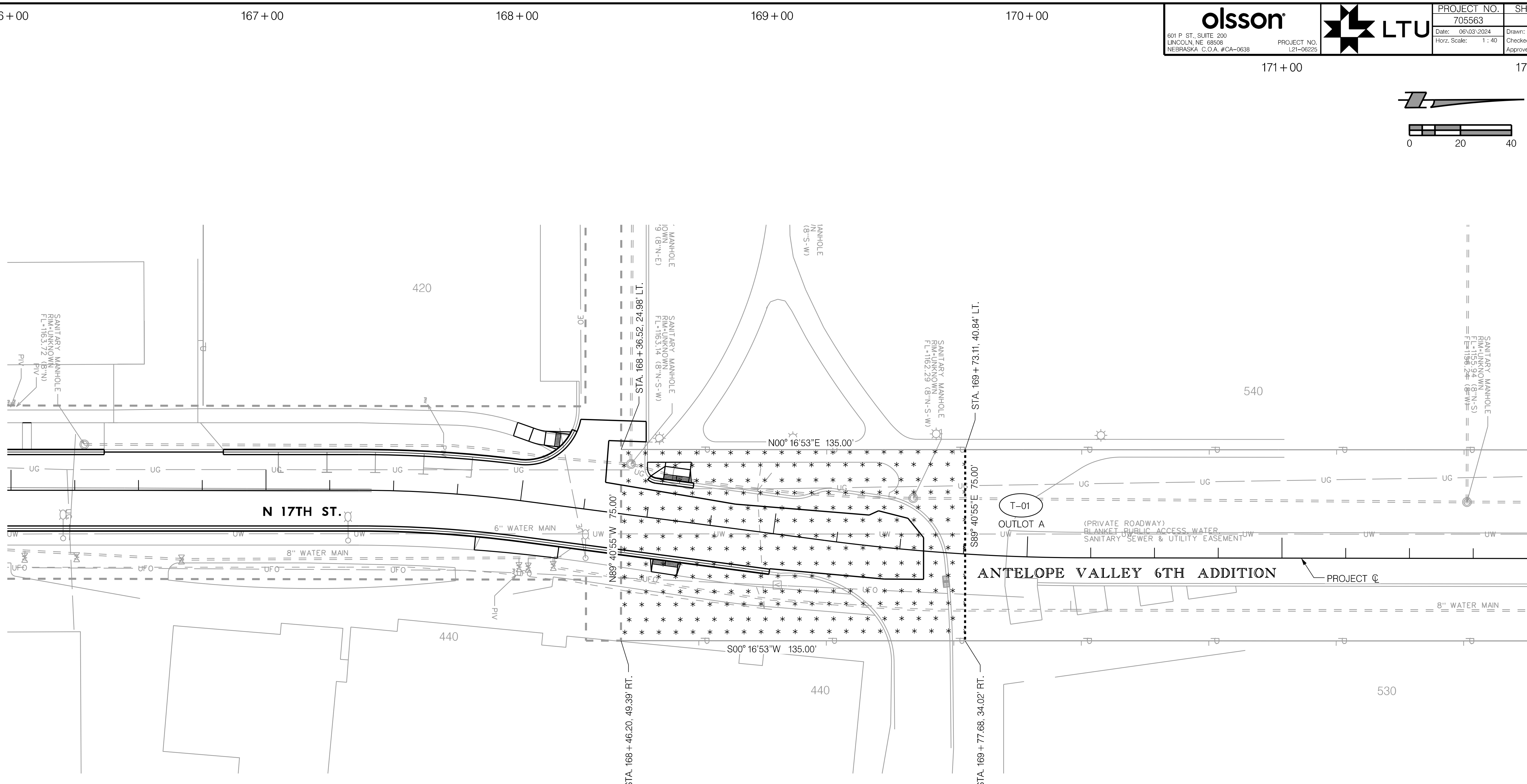
PAVEMENT MARKING & SIGNING
N 17TH STREET

PROJ: _RDWY_021-06225-L_Lincoln NE TRANS 17th Street A to S.cfg
PEN: ...\tables\pen\RW_pentable.tbl
USER: rmeyer
DATE: 06\03\2024
DGN: ...\Sheets\ROW\705563RW01.dgn

olsson
601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638
PROJECT NO. L21-06225

LTU

PROJECT NO.	SHEET NO.
705563	51
Date: 06\03\2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
	Approved: RSM



ROW ACQUISITION
PERMANENT EASEMENT
TEMPORARY EASEMENT
LES EASEMENT

PROFESSIONAL CIVIL ENGINEER
REESE S. MEYER
E-18831
STATE OF NEBRASKA

OWNERSHIP			EASEMENTS			
TRACT NO.	OWNER	DESCRIPTION	TAKING SQ. FT.	PERM. EASE. SQ. FT.	LES EASE. SQ. FT.	TEMP. EASE. SQ. FT.
01	BOARD OF REGENTS UNIV. OF NEBR.	OUTLOT A, ANTELOPE VALLEY 6TH ADDITION	———	———	———	10,125.00

RIGHT OF WAY
N 17TH STREET