



NEBRASKA CAPITOL ENVIRONS COMMISSION

The Nebraska Capitol Environs Commission will hold a meeting on **Friday, June 28, 2024 at 8:30 a.m.** in the County-City Building, 555 S. 10th Street, Lincoln, Nebraska, in **City Council Chambers** on the 1st Floor. For more information, please contact the Lincoln City/Lancaster County Planning Department at 402-441-7491.

AGENDA

June 28, 2024

1. Approval of meeting record from [May 24, 2024](#)

Public Hearing & Action

2. [17th Street Water Main Replacement and Street Rehabilitation](#) (*Lincoln Transportation & Utilities, UDR24086*)
3. [St. Mary Catholic Church Façade Improvements](#) (*Clark & Enersen, UDR24085*)
4. [Permanent Supportive Housing Project](#) (*Urban Development Department/Sinclair Hille, UDR24087*)

Discuss & Advise

5. Staff report & miscellaneous

ACCOMMODATION NOTICE: *The City of Lincoln complies with Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973 guidelines. Ensuring the public's access to and participating in public meetings is a priority for the City of Lincoln. In the event you are in need of a reasonable accommodation in order to attend or participate in a public meeting conducted by the City of Lincoln, please contact the Lincoln Commission on Human Rights at 402-441-7624, or the City Ombudsman at 402-441-7511, as soon as possible before the scheduled meeting date in order to make your request.*



LINCOLN
Planning Department

NEBRASKA CAPITOL ENVIRONS COMMISSION STAFF REPORT

APPLICATION NUMBER	Urban Design Record #24086
APPLICATION TYPE	Certificate of Appropriateness
ADDRESS/LOCATION	17 th 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 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

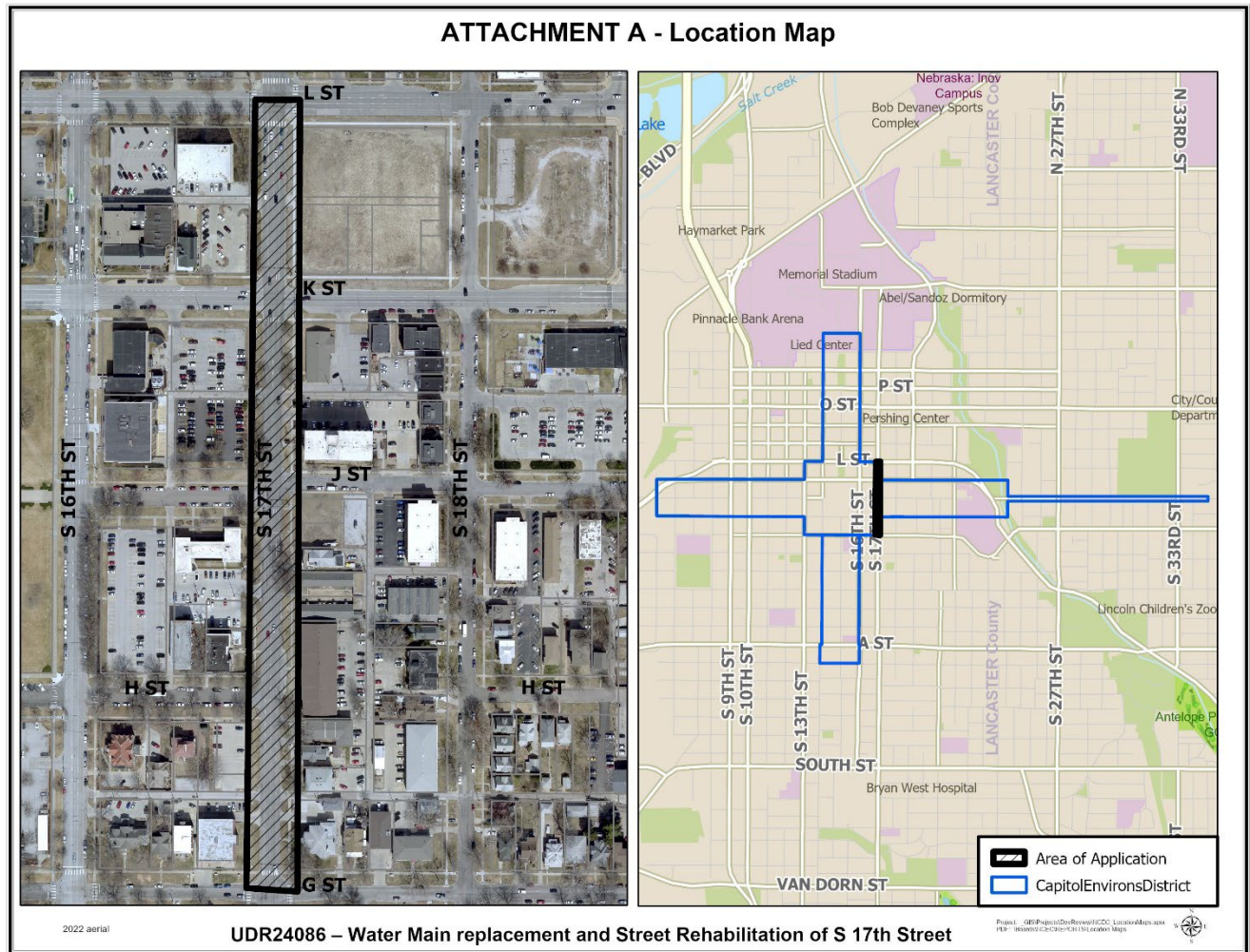
Staff is recommending that the removal of the sandstone curbs, and the construction of concrete curbs to replace them, be approved with conditions. Those recommended condition are as follows:

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



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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On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

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

SHT. NO.	SHEET INDEX
1	COVER
2 - 3	SUMMARY OF QUANTITIES
4	GENERAL NOTES
5 - 6	HORIZONTAL AND VERTICAL CONTROL
7	TRAFFIC CONTROL
8 - 21	CONSTRUCTION AND REMOVALS
22 - 37	WATER MAIN PLAN
38 - 44	WATER MAIN PROFILE
45 - 50	TRAFFIC SIGNAL, ITS AND LIGHTING
51 - 53	PAVEMENT MARKING AND SIGNING



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.

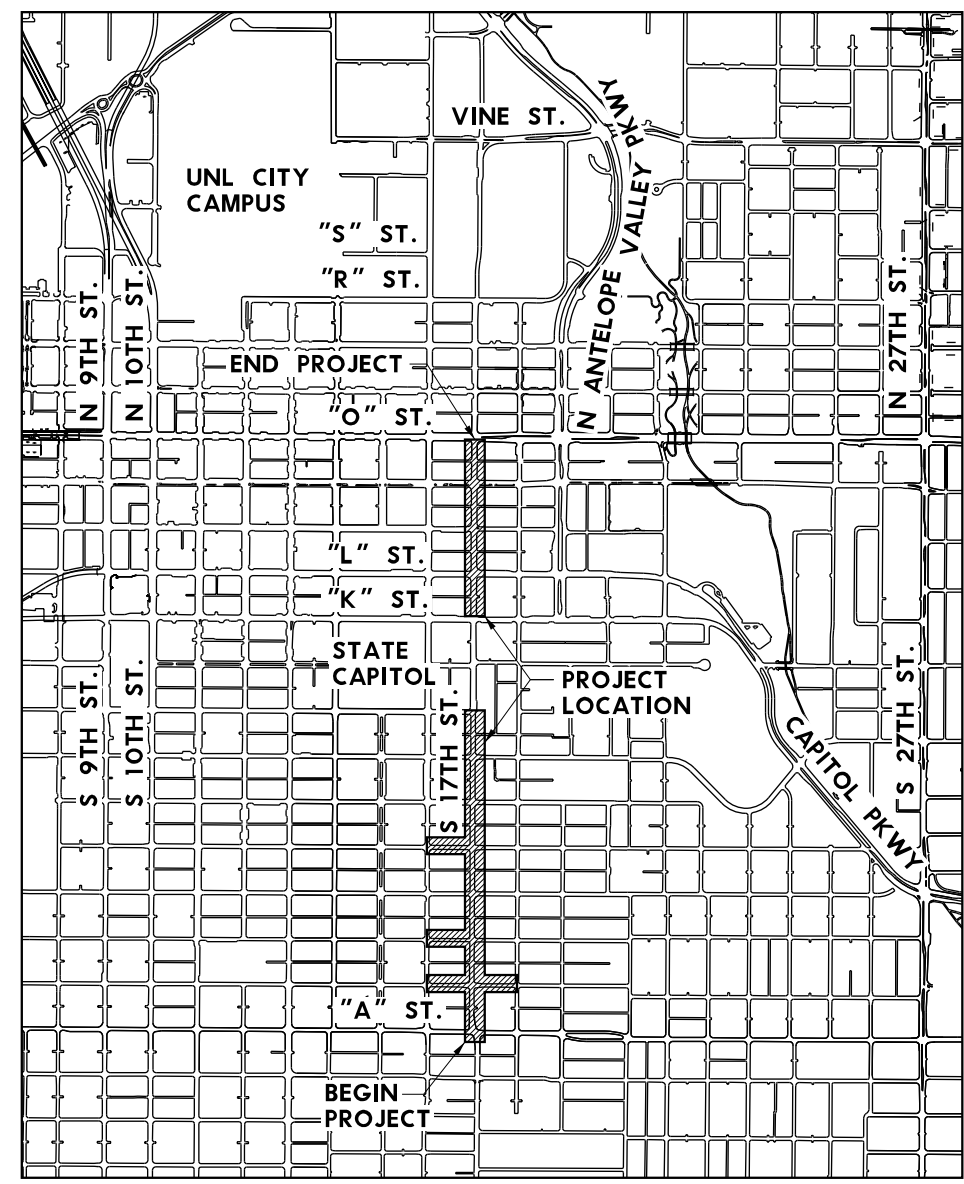
PROJECT CONTACT

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



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

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



COORDINATING PROFESSIONAL

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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



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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
	24" WASTE WATER
	8" WATER

LEGEND - SURVEY (NON SURVEYED UTILITIES)

	UG	GAS LINE
	UE	ELECTRICAL SERVICE
	OE	ELECTRICAL SERVICE OVERHEAD
	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.)

	BENCH MARK
	BORING
	48" FENCE
	36" FENCE
	60" FENCE
	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
	TREE REMOVAL

LEGEND - EROSION & SEDIMENT CONTROL

	SYNTHETIC FABRIC SILT FENCE
	SEEDING, TYPE 'B'
	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.



PROJ: FDWY_023-03468_Lincoln_17th_Street_Water_Replacement.cdg
 PEN: ...\\ables\com\BW_PENTABLE.tbl
 USER: spklaus
 DATE: 05/09/2024
 DGN: ...\\Sheets\General\705084\H01.DGN

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

SOUTH/NORTH 17TH STREET

- | | | |
|--|---|--|
| ① P.O.B. STA. 96+00.00 - C S 17TH ST.
N = 199678.49, E = 161660.27 | ③ P.I. STA. 101+56.20 - C 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" | ⑧ P.I. STA. 167+69.11 - C 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" |
| ② P.I. STA. 98+94.84 - C 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. 100+74.46 - C S 17TH ST.
N = 200149.80, E = 161627.23
P.T. STA. 102+37.38 - C S 17TH ST.
N = 200311.65, E = 161611.22 | P.C. STA. 167+36.47 - C N 17TH ST.
N = 206810.36, E = 161659.01
P.T. STA. 168+01.65 - C N 17TH ST.
N = 206875.33, E = 161663.55 |
| P.C. STA. 98+31.60 - C S 17TH ST.
N = 199910.08, E = 161662.49
P.T. STA. 99+57.62 - C S 17TH ST.
N = 200035.30, E = 161650.50 | ④ P.I. STA. 104+13.56 - C S 17TH ST.
Δ = 00° 05' 51.31" RT.
N = 200487.83, E = 161611.78 | ⑨ P.I. STA. 169+71.91 - C 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" |
| | ⑤ P.I. STA. 148+62.12 - C S 17TH ST.
Δ = 00° 00' 55.37" RT.
N = 204936.34, E = 161633.51 | P.C. STA. 169+20.40 - C N 17TH ST.
N = 206993.00, E = 161679.53
P.T. STA. 170+23.29 - C N 17TH ST.
N = 207095.56, E = 161686.79 |
| | ⑥ P.I. STA. 159+09.30 - C N 17TH ST.
Δ = 01° 35' 17.19" RT.
N = 205983.50, E = 161638.91 | ⑩ P.O.E. STA. 172+00.00 - C N 17TH ST.
N = 207272.27, E = 161687.91 |
| | ⑦ P.I. STA. 164+85.90 - C N 17TH ST.
Δ = 01° 37' 12.99" LT.
N = 206559.78, E = 161657.86 | |

"B" STREET

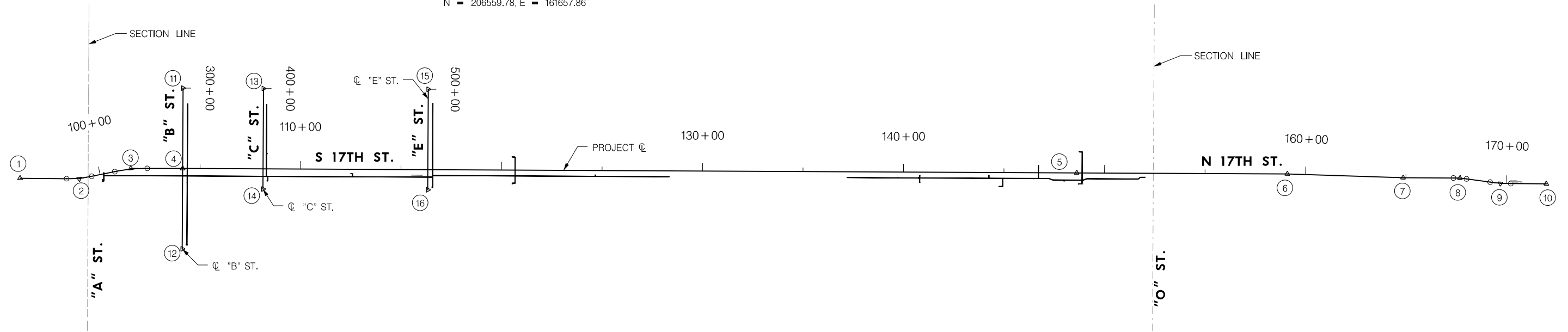
- ⑪ P.O.B. STA. 300+00.00 - C "B" ST.
N = 200489.84, E = 161212.05
- ⑫ P.O.E. STA. 305+00.00 - C "B" ST.
N = 200485.79, E = 162011.77

"C" STREET

- ⑬ P.O.B. STA. 400+00.00 - C "C" ST.
N = 200889.83, E = 161213.92
- ⑭ P.O.E. STA. 405+00.00 - C "C" ST.
N = 200887.32, E = 161713.91

"E" STREET

- ⑮ P.O.B. STA. 500+00.00 - C "E" ST.
N = 201709.82, E = 161217.75
- ⑯ P.O.E. STA. 505+00.00 - C "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:

- 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.
- TREE SIZES ARE THE TRUNK SIZE AT APPROX. 3' FROM GROUND LEVEL. TREE CANOPY SIZES ARE NOT INCLUDED.
- HORIZONTAL CONTROL IS: LANCASTER COUNTY GRID.



PROJ: FDWY_023-03458_Lincoln_17th_Street_Water_Replacement.dwg
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 DATE: 05/09/2024
 DGN: ...Sheets\General\705084\H02.DGN

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

- 6" WATER MAIN - S 17TH ST.**
- 1 P.O.B. STA. 100+17.22, 9.08' RT. - C S 17TH ST.
N = 200095.51, E = 161647.53
 - 2 P.I. STA. 104+13.59, 37.00' RT. - C 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. - C S 17TH ST.
N = 201732.10, E = 161654.85
 - 4 P.O.B. STA. 116+57.89, 29.00' RT. - C S 17TH ST.
N = 201732.00, E = 161646.87
 - 5 P.O.E. STA. 128+35.58, 29.00' RT. - C S 17TH ST.
N = 202909.67, E = 161652.64

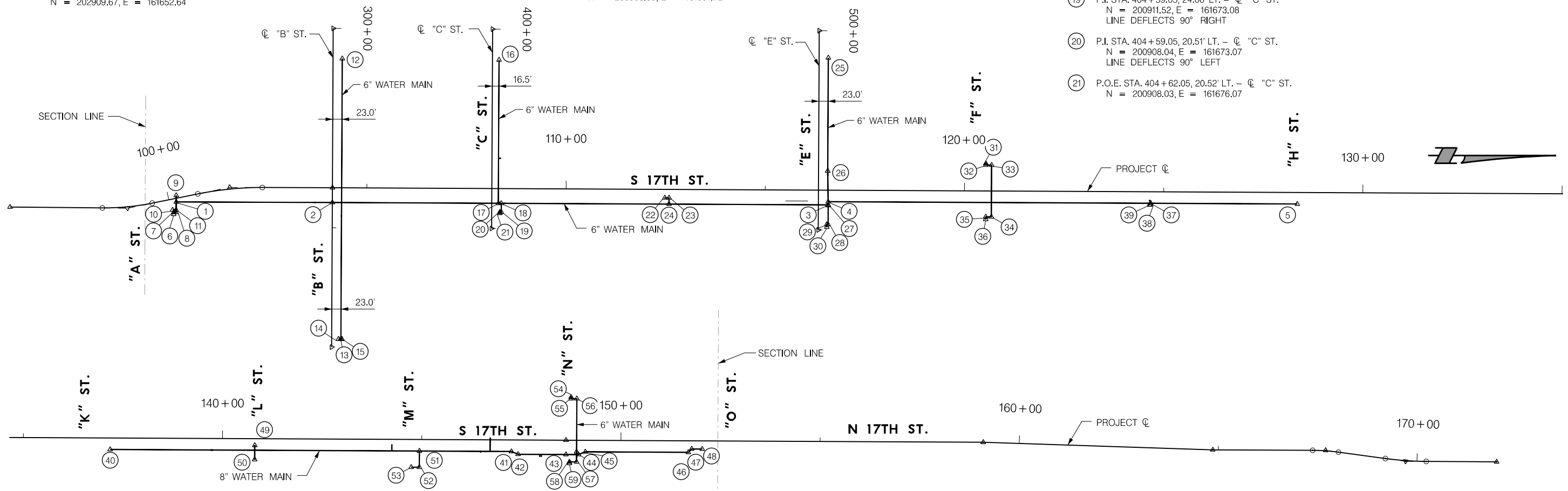
- 20" WATER MAIN - "A" ST.**
- 6 P.O.B. STA. 100+05.00, 38.00' RT. - C S 17TH ST.
N = 200089.30, E = 161678.30
 - 7 P.I. STA. 100+05.95, 33.43' RT. - C S 17TH ST.
N = 200089.32, E = 161673.64
LINE DEFLECTS 90° RIGHT
 - 8 P.I. STA. 100+11.92, 34.67' RT. - C S 17TH ST.
N = 200095.41, E = 161673.66
LINE DEFLECTS 90° LEFT
 - 9 P.O.E. STA. 100+20.53, 6.89' LT. - C 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. - C S 17TH ST.
N = 200086.60, E = 161667.71
 - 11 P.O.E. STA. 100+13.12, 28.88' RT. - C 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. - C "B" ST.
N = 200512.45, E = 161287.89
 - 13 P.O.E. STA. 307+79.57, 23.00' LT. - C "B" ST.
N = 200508.89, E = 161991.72

- 12" WATER MAIN - "B" ST.**
- 14 P.O.B. STA. 307+79.56, 16.99' LT. - C "B" ST.
N = 200502.89, E = 161991.69
 - 15 P.O.E. STA. 307+79.57, 25.99' LT. - C "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 "C" ST.
N = 200905.95, E = 161291.06
 - 17 P.O.E. STA. 404+36.81, 17.00' LT. - C "C" ST.
N = 200904.63, E = 161650.81
 - 18 P.O.B. STA. 404+36.81, 24.00' LT. - C "C" ST.
N = 200911.63, E = 161650.85
 - 19 P.I. STA. 404+59.05, 24.00' LT. - C "C" ST.
N = 200911.52, E = 161673.08
LINE DEFLECTS 90° RIGHT
 - 20 P.I. STA. 404+59.05, 20.51' LT. - C "C" ST.
N = 200908.04, E = 161673.07
LINE DEFLECTS 90° LEFT
 - 21 P.O.E. STA. 404+62.05, 20.52' LT. - C "C" ST.
N = 200908.03, E = 161676.07

- 6" WATER MAIN - "D" ST.**
- 22 P.O.B. STA. 112+47.90, 21.38' RT. - C S 17TH ST.
N = 201322.06, E = 161637.23
 - 23 P.I. STA. 112+58.57, 21.38' RT. - C S 17TH ST.
N = 201332.72, E = 161637.28
LINE DEFLECTS 90° RIGHT
 - 24 P.O.E. STA. 112+58.57, 37.00' RT. - C 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. - C "E" ST.
N = 201732.48, E = 161285.70
 - 26 P.I. STA. 503+51.93, 23.00' LT. - C "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. - C "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. - C "E" ST.
N = 201731.87, E = 161704.20
LINE DEFLECTS 90° RIGHT
 - 29 P.I. STA. 504+86.33, 21.29' LT. - C "E" ST.
N = 201728.67, E = 161704.18
LINE DEFLECTS 90° LEFT
 - 30 P.O.E. STA. 504+92.75, 21.29' LT. - C "E" ST.
N = 201728.63, E = 161710.60

- 6" WATER MAIN - "F" ST.**
- 31 P.O.B. STA. 120+53.41, 68.67' LT. - C S 17TH ST.
N = 202127.99, E = 161551.12
 - 32 P.I. STA. 120+53.40, 65.00' LT. - C S 17TH ST.
N = 202127.97, E = 161554.79
LINE DEFLECTS 90° LEFT
 - 33 P.I. STA. 120+67.77, 65.00' LT. - C S 17TH ST.
N = 202142.34, E = 161554.86
LINE DEFLECTS 90° RIGHT
 - 34 P.I. STA. 120+67.77, 65.00' RT. - C S 17TH ST.
N = 202141.70, E = 161684.86
LINE DEFLECTS 90° RIGHT
 - 35 P.I. STA. 120+53.61, 65.00' RT. - C S 17TH ST.
N = 202127.53, E = 161684.79
LINE DEFLECTS 90° LEFT
 - 36 P.O.E. STA. 120+53.63, 71.42' RT. - C S 17TH ST.
N = 202127.53, E = 161691.21

- 8" WATER MAIN - S 17TH ST.**
- 40 P.O.B. STA. 137+17.96, 29.00' RT. - C S 17TH ST.
N = 203792.05, E = 161656.92
 - 41 P.I. STA. 147+25.17, 29.00' RT. - C 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. - C 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. - C 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. - C 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. - C 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. - C 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. - C 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. - C 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. - C S 17TH ST.
N = 204154.97, E = 161646.31
 - 50 P.O.E. STA. 140+80.79, 52.40' RT. - C 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. - C S 17TH ST.
N = 204568.24, E = 161660.71
 - 52 P.I. STA. 144+94.17, 69.75' RT. - C S 17TH ST.
N = 204568.04, E = 161701.46
LINE DEFLECTS 90° RT.
 - 53 P.O.E. STA. 144+73.97, 69.75' RT. - C 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. - C S 17TH ST.
N = 204949.12, E = 161525.76
 - 55 P.I. STA. 148+74.34, 104.15' LT. - C S 17TH ST.
N = 204949.09, E = 161529.43
LINE DEFLECTS 90° LT.
 - 56 P.I. STA. 148+88.73, 104.15' LT. - C S 17TH ST.
N = 204963.47, E = 161529.50
LINE DEFLECTS 90° RT.
 - 57 P.I. STA. 148+88.73, 54.41' RT. - C S 17TH ST.
N = 204962.66, E = 161688.06
LINE DEFLECTS 90° RT.
 - 58 P.I. STA. 148+71.14, 54.41' RT. - C S 17TH ST.
N = 204945.07, E = 161687.97
LINE DEFLECTS 90° LT.
 - 59 P.O.E. STA. 148+71.14, 58.08' RT. - C S 17TH ST.
N = 204945.05, E = 161691.64

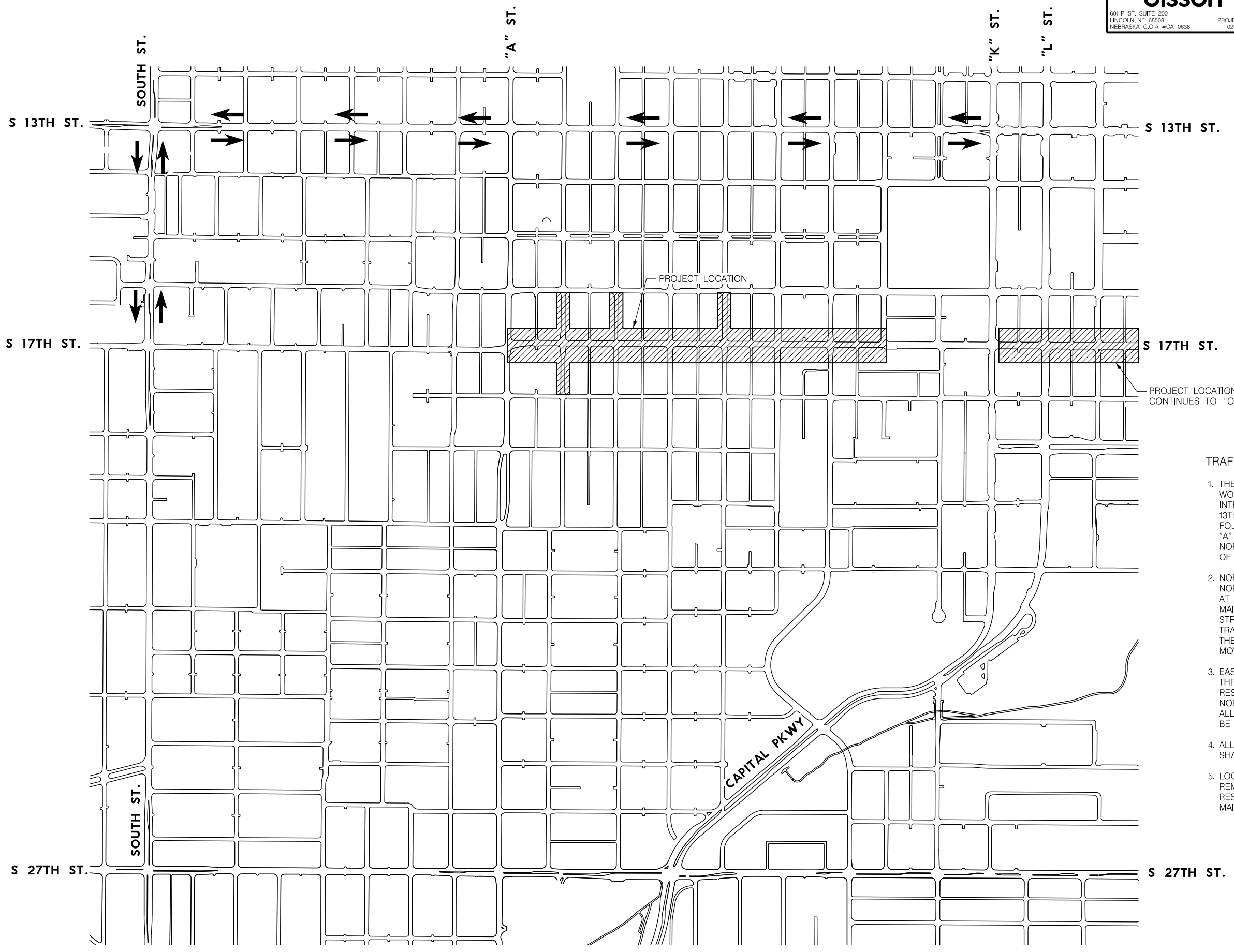
- 6" WATER MAIN - "G" ST.**
- 37 P.O.B. STA. 124+67.44, 29.00' RT. - C S 17TH ST.
N = 202541.54, E = 161650.81
 - 38 P.I. STA. 124+67.44, 33.00' RT. - C S 17TH ST.
N = 202541.52, E = 161654.81
LINE DEFLECTS 90° RIGHT
 - 39 P.O.E. STA. 124+64.44, 33.00' RT. - C S 17TH ST.
N = 202538.52, E = 161654.80



PROJ: FDWY_023-03468_Lincoln_17th_Street_Water_Replacement.dwg
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On 05/24/24

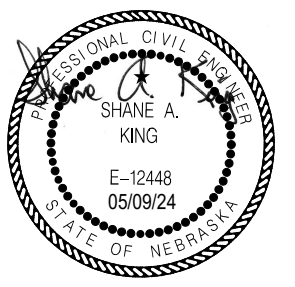
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



PROJECT LOCATION
 CONTINUES TO "O" ST.

TRAFFIC CONTROL AT 17TH AND "A" STREET

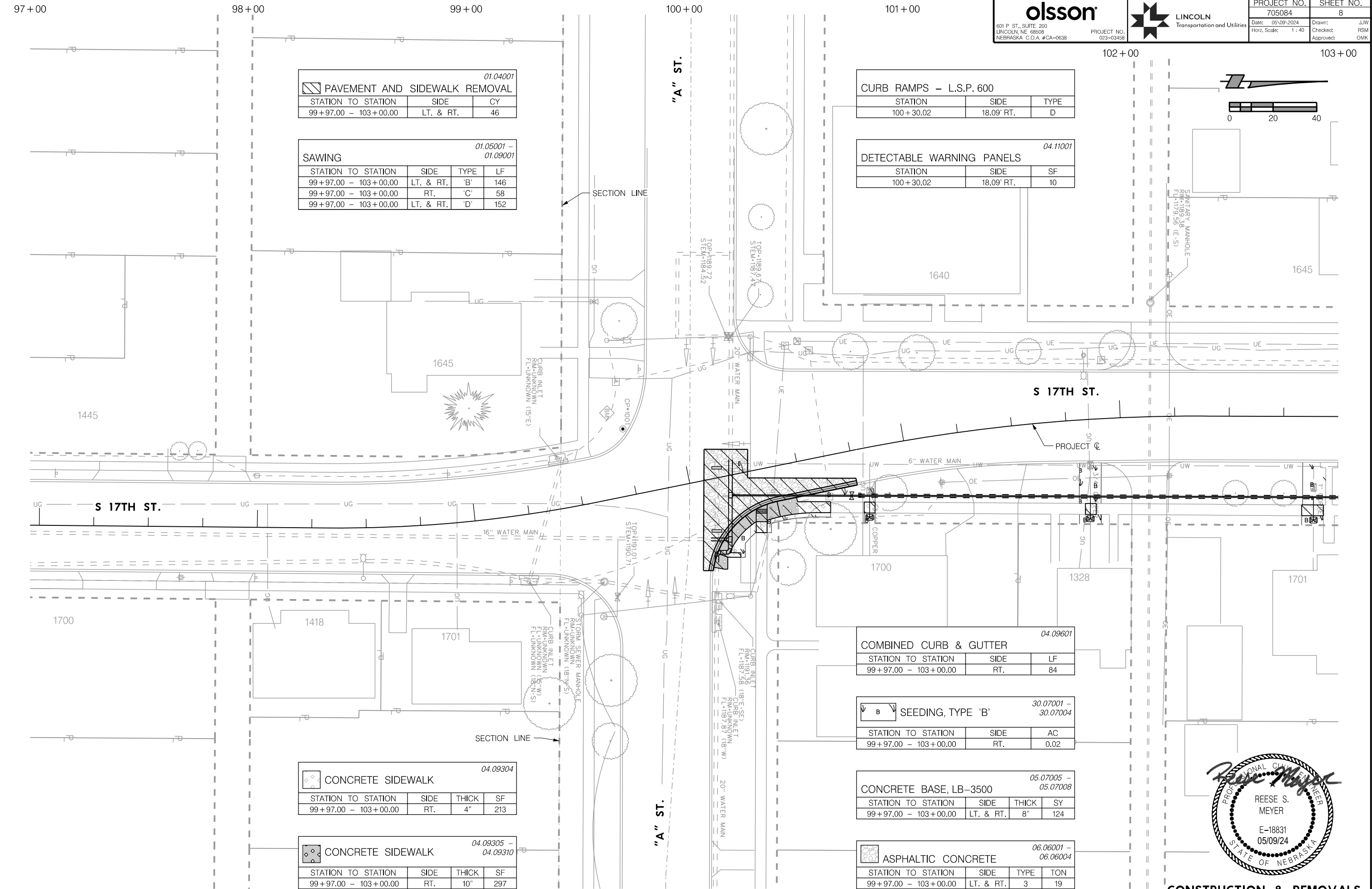
1. THE DETOUR SHALL BE IN PLACE DURING THE WORK IN AND AROUND THE 17TH AND "A" STREET INTERSECTION. THE DETOUR SHALL CONSIST OF 13TH STREET FROM SOUTH STREET TO K STREET. FOLLOWING THE COMPLETION OF THIS WORK, THE "A" STREET INTERSECTION SHALL BE OPENED TO NORMAL TRAFFIC OPERATIONS FOLLOWING COMPLETION 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 RESTRICTIONS.
5. LOCAL ACCESS SHALL BE PROVIDED ALONG THE REMAINDER OF THE PROJECT WITH MINOR LANE RESTRICTIONS OR SIDE ROAD CLOSURES FOR WATER MAIN RECONSTRUCTION.



PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\cm\CR_Pennable.tbl
 USER: spkikus
 DATE: 05/09/2024
 DGN: ...705084CR01.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	 TRANSPORTATION AND UTILITIES	PROJECT NO.	SHEET NO.
		705084	8
		Date: 05/09/2024 Horz. Scale: 1 : 40	Drawn: J.W. Checked: RSM Approved: DMK

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 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

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

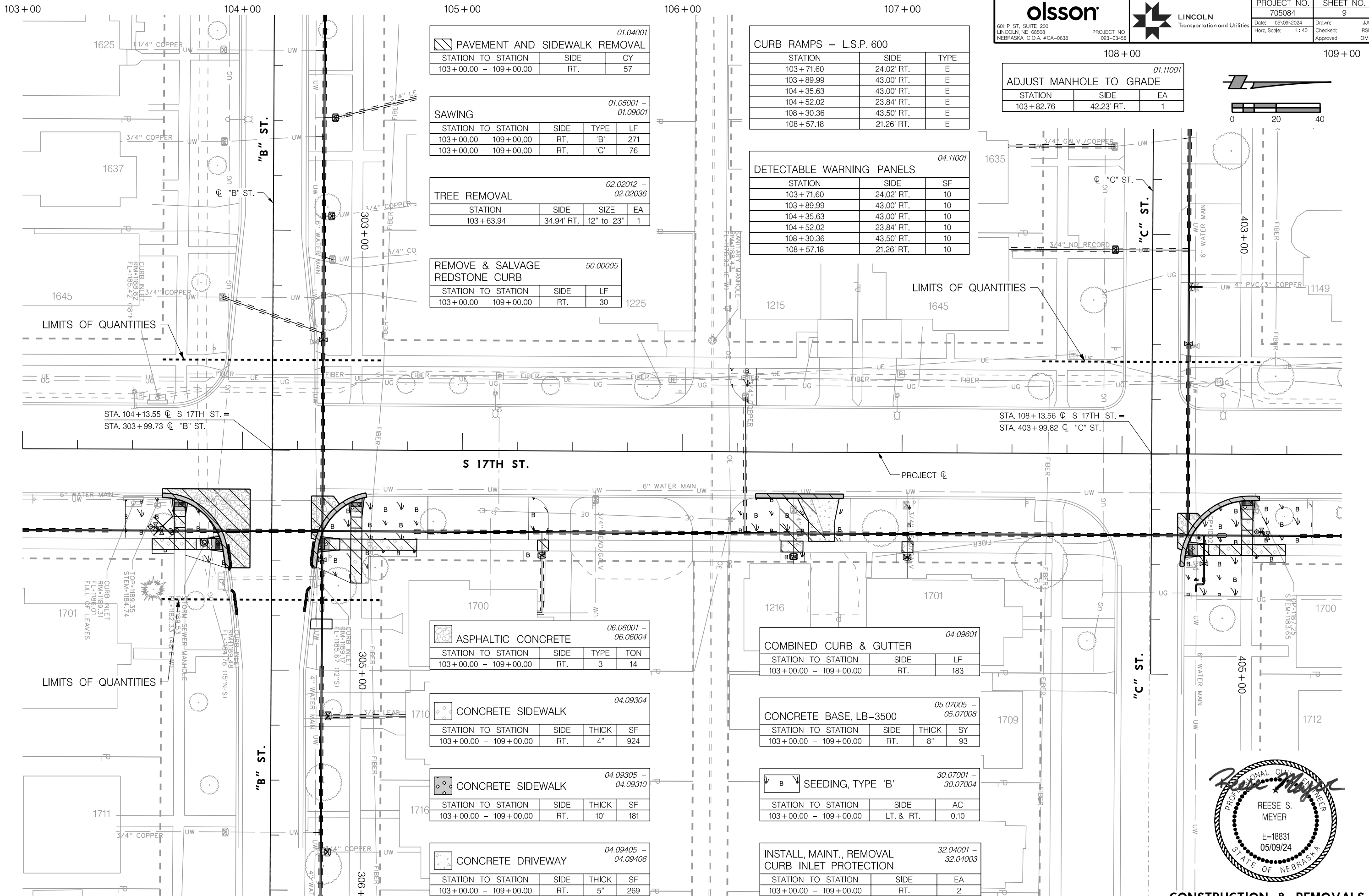


CONSTRUCTION & REMOVALS
S 17TH STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.ctg
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 DGN: ...705084CR02.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



01.04001
 PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
103+00.00 - 109+00.00	RT.	57

01.05001 - 01.09001
 SAWING

STATION TO STATION	SIDE	TYPE	LF
103+00.00 - 109+00.00	RT.	'B'	271
103+00.00 - 109+00.00	RT.	'C'	76

02.02012 - 02.02036
 TREE REMOVAL

STATION	SIDE	SIZE	EA
103+63.94	34.94' RT.	12" to 23"	1

50.00005
 REMOVE & SALVAGE REDSTONE CURB

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

04.11001
 DETECTABLE WARNING PANELS

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

01.11001
 ADJUST MANHOLE TO GRADE

STATION	SIDE	EA
103+82.76	42.23' RT.	1

06.06001 - 06.06004
 ASPHALTIC CONCRETE

STATION TO STATION	SIDE	TYPE	TON
103+00.00 - 109+00.00	RT.	3	14

04.09304
 CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
103+00.00 - 109+00.00	RT.	4"	924

04.09305 - 04.09310
 CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
103+00.00 - 109+00.00	RT.	10"	181

04.09405 - 04.09406
 CONCRETE DRIVEWAY

STATION TO STATION	SIDE	THICK	SF
103+00.00 - 109+00.00	RT.	5"	269

04.09601
 COMBINED CURB & GUTTER

STATION TO STATION	SIDE	LF
103+00.00 - 109+00.00	RT.	183

05.07005 - 05.07008
 CONCRETE BASE, LB-3500

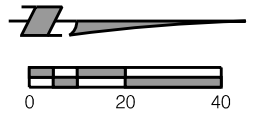
STATION TO STATION	SIDE	THICK	SY
103+00.00 - 109+00.00	RT.	8"	93

30.07001 - 30.07004
 SEEDING, TYPE 'B'

STATION TO STATION	SIDE	AC
103+00.00 - 109+00.00	LT. & RT.	0.10

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

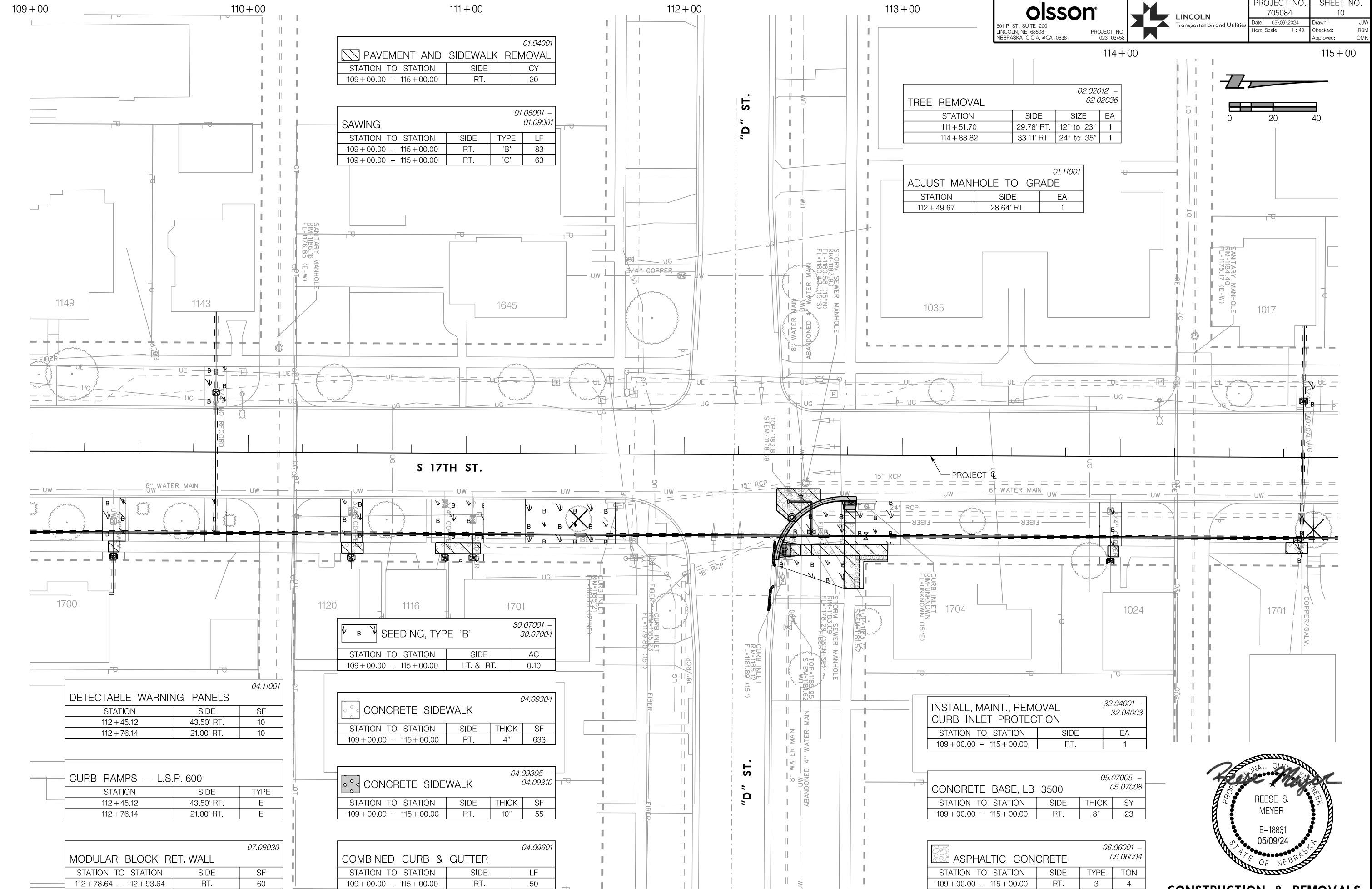
STATION TO STATION	SIDE	EA
103+00.00 - 109+00.00	RT.	2



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 DGN: ...705084CR03.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



01.04001

PAVEMENT AND SIDEWALK REMOVAL			
STATION TO STATION	SIDE	CY	
109+00.00 - 115+00.00	RT.	20	

01.05001 - 01.09001

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

02.02012 - 02.02036

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

01.11001

ADJUST MANHOLE TO GRADE		
STATION	SIDE	EA
112+49.67	28.64' RT.	1

30.07001 - 30.07004

SEEDING, TYPE 'B'		
STATION TO STATION	SIDE	AC
109+00.00 - 115+00.00	LT. & RT.	0.10

04.11001

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

04.09304

CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
109+00.00 - 115+00.00	RT.	4"	633

CURB RAMPS - L.S.P. 600

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

04.09305 - 04.09310

CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
109+00.00 - 115+00.00	RT.	10"	55

32.04001 - 32.04003

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION		
STATION TO STATION	SIDE	EA
109+00.00 - 115+00.00	RT.	1

05.07005 - 05.07008

CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
109+00.00 - 115+00.00	RT.	8"	23

07.08030

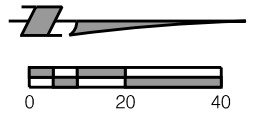
MODULAR BLOCK RET. WALL		
STATION TO STATION	SIDE	SF
112+78.64 - 112+93.64	RT.	60

04.09601

COMBINED CURB & GUTTER		
STATION TO STATION	SIDE	LF
109+00.00 - 115+00.00	RT.	50

06.06001 - 06.06004

ASPHALTIC CONCRETE			
STATION TO STATION	SIDE	TYPE	TON
109+00.00 - 115+00.00	RT.	3	4

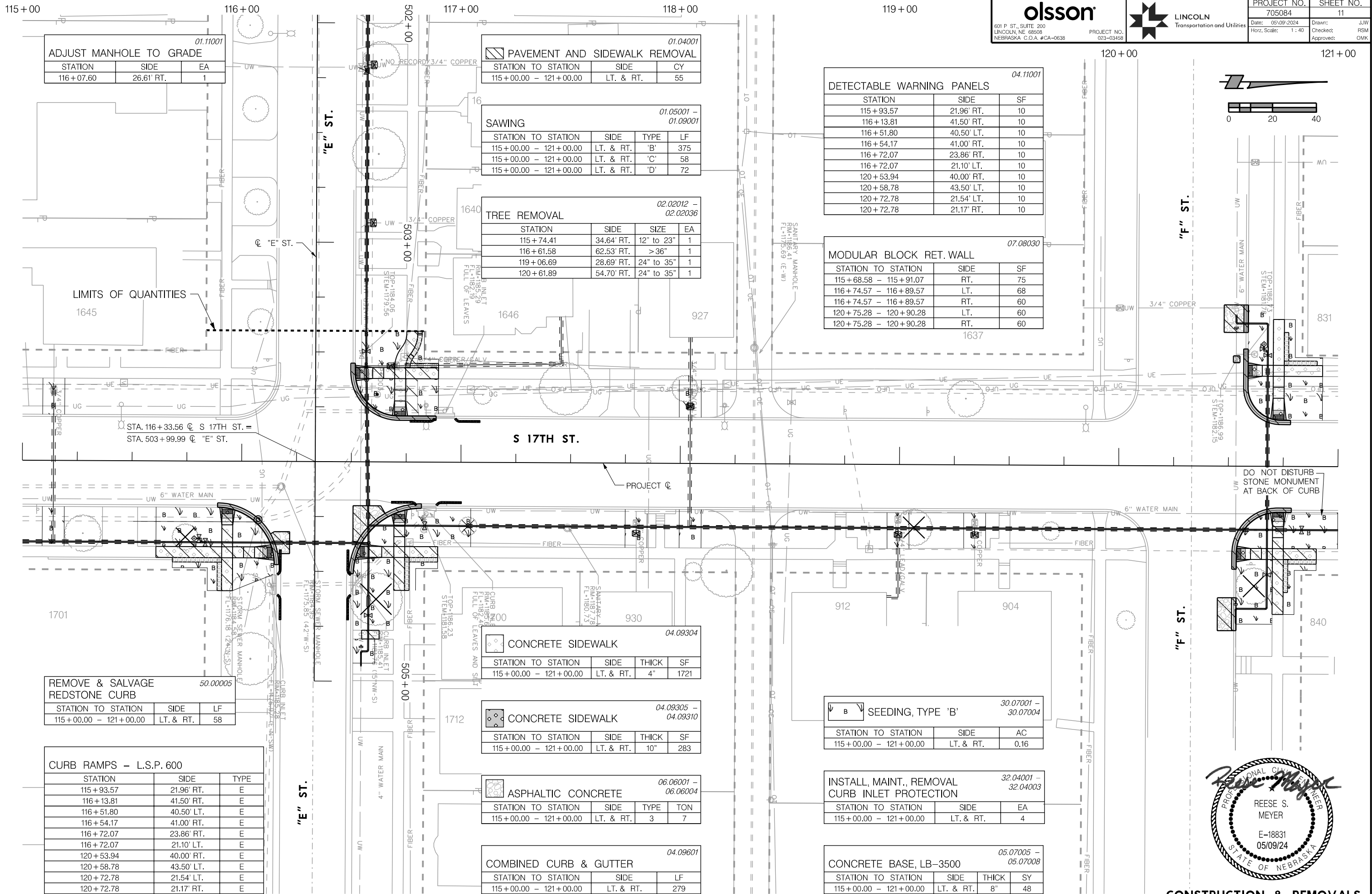


CONSTRUCTION & REMOVALS
 S 17TH STREET

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 DATE: 05/09/2024
 DGN: ...705084CR04.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



01.11001
ADJUST MANHOLE TO GRADE

STATION	SIDE	EA
116+07.60	26.61' RT.	1

01.04001
PAVEMENT AND SIDEWALK REMOVAL

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

01.05001 - 01.09001
SAWING

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

02.02012 - 02.02036
TREE REMOVAL

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

04.11001
DETECTABLE WARNING PANELS

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

07.08030
MODULAR BLOCK RET. WALL

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

50.00005
REMOVE & SALVAGE REDSTONE CURB

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

04.09304
CONCRETE SIDEWALK

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

04.09305 - 04.09310
CONCRETE SIDEWALK

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

06.06001 - 06.06004
ASPHALTIC CONCRETE

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

04.09601
COMBINED CURB & GUTTER

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

30.07001 - 30.07004
SEEDING, TYPE 'B'

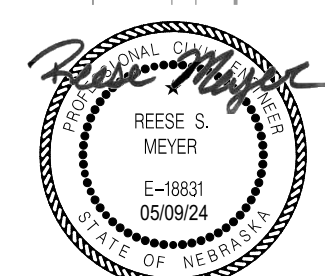
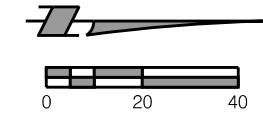
STATION TO STATION	SIDE	AC
115+00.00 - 121+00.00	LT. & RT.	0.16

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

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

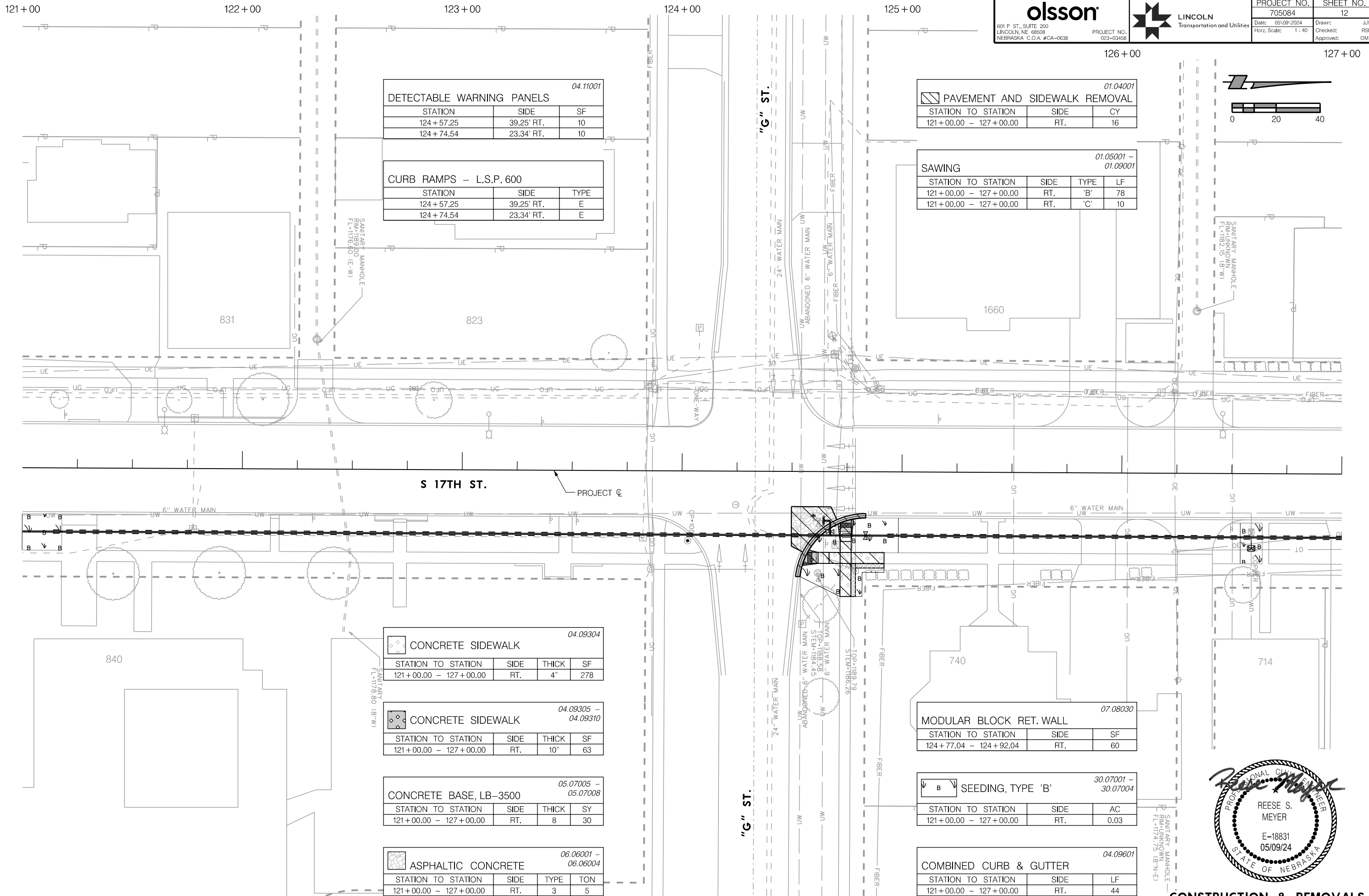
05.07005 - 05.07008
CONCRETE BASE, LB-3500

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



PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.dwg
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 USER: spkikus
 DATE: 05/09/2024
 DGN: ...705084CR05.dgn

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



04.11001

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

CURB RAMP - L.S.P. 600

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

01.04001

PAVEMENT AND SIDEWALK REMOVAL		
STATION TO STATION	SIDE	CY
121 + 00.00 - 127 + 00.00	RT.	16

01.05001 - 01.09001

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

04.09304

CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
121 + 00.00 - 127 + 00.00	RT.	4"	278

04.09305 - 04.09310

CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
121 + 00.00 - 127 + 00.00	RT.	10"	63

05.07005 - 05.07008

CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
121 + 00.00 - 127 + 00.00	RT.	8"	30

06.06001 - 06.06004

ASPHALTIC CONCRETE			
STATION TO STATION	SIDE	TYPE	TON
121 + 00.00 - 127 + 00.00	RT.	3	5

07.08030

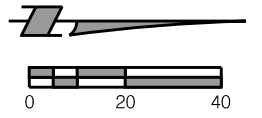
MODULAR BLOCK RET. WALL		
STATION TO STATION	SIDE	SF
124 + 77.04 - 124 + 92.04	RT.	60

30.07001 - 30.07004

SEEDING, TYPE 'B'			
STATION TO STATION	SIDE	AC	
121 + 00.00 - 127 + 00.00	RT.	0.03	

04.09601

COMBINED CURB & GUTTER		
STATION TO STATION	SIDE	LF
121 + 00.00 - 127 + 00.00	RT.	44



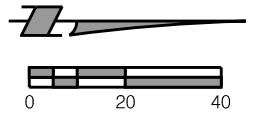
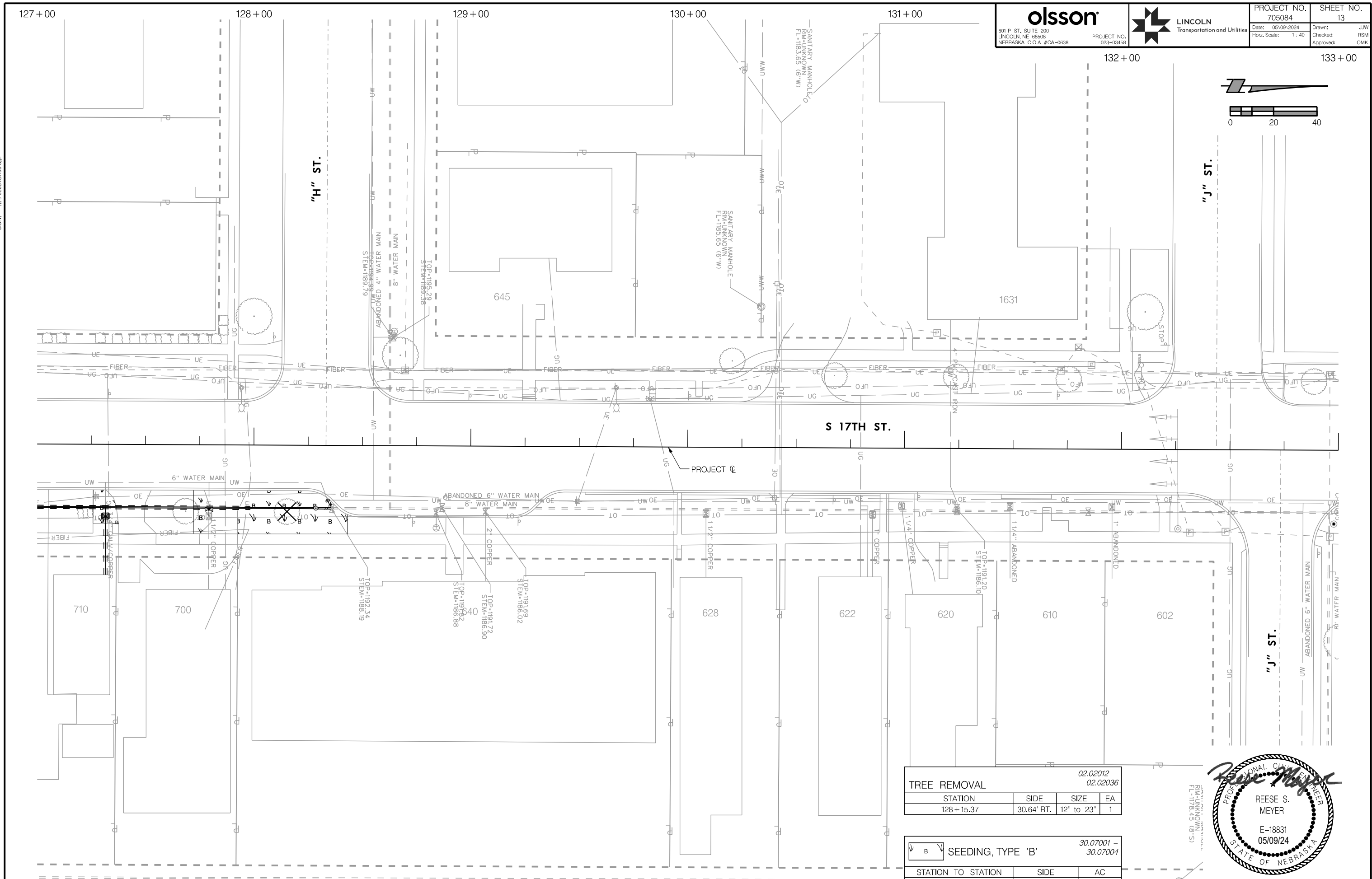
CONSTRUCTION & REMOVALS
 S 17TH STREET

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 DATE: 05/09/2024
 DGN: ...705084CR06.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638		PROJECT NO.	SHEET NO.
		705084	13
		Date: 05/09/2024 Horz. Scale: 1 : 40	Drawn: J.W. Checked: RSM Approved: DMK



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	

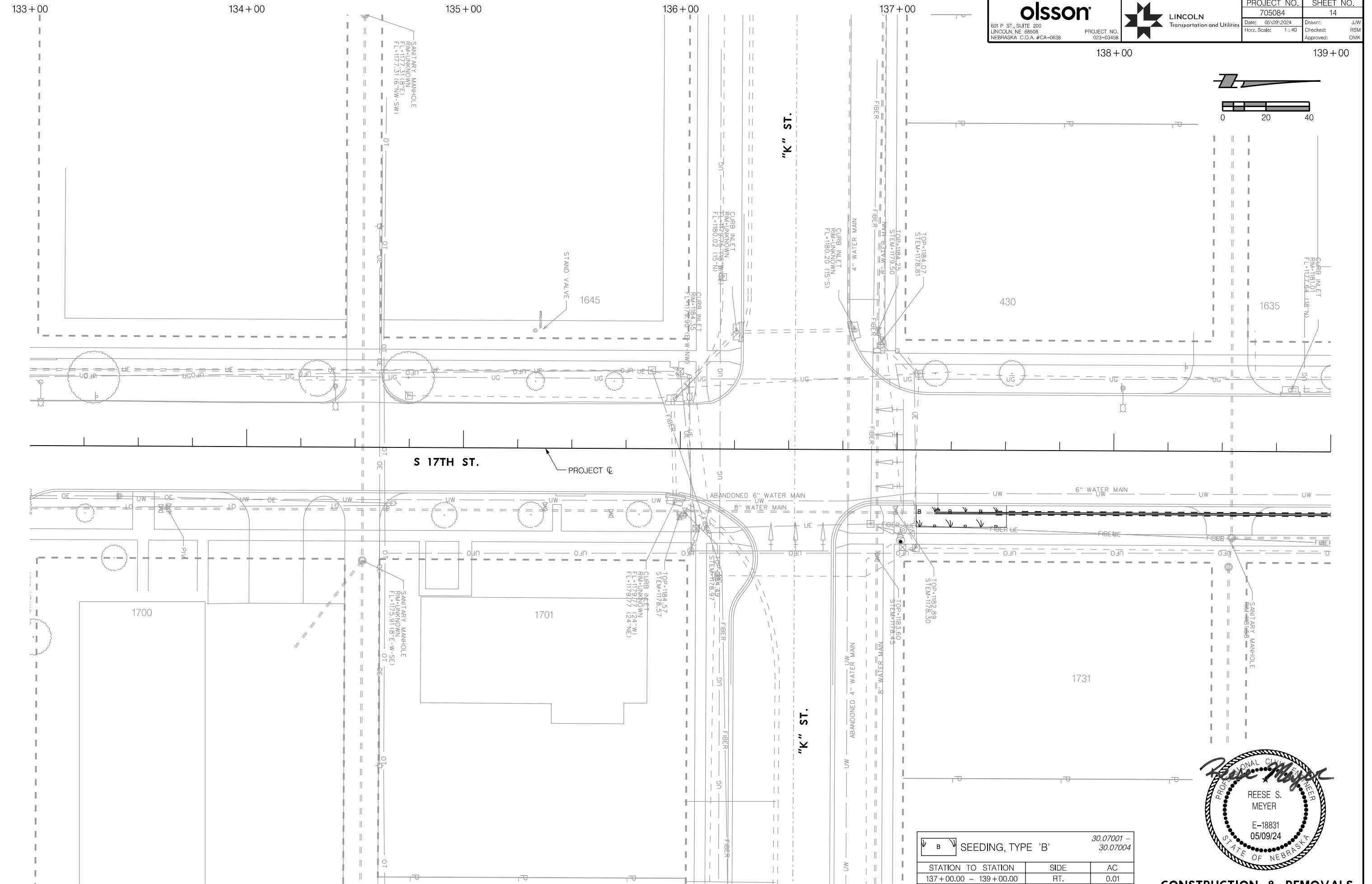


CONSTRUCTION & REMOVALS
S 17TH STREET

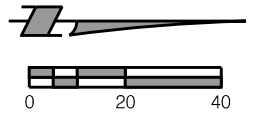
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 USER: spkiss
 DATE: 05/09/2024
 DGN: ...705084CR07.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



olsson 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	LINCOLN Transportation and Utilities	PROJECT NO.	SHEET NO.
		705084	14
		Date: 05/09/2024	Drawn: J.W.
		Horz. Scale: 1 : 40	Checked: RSM
			Approved: DMK



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

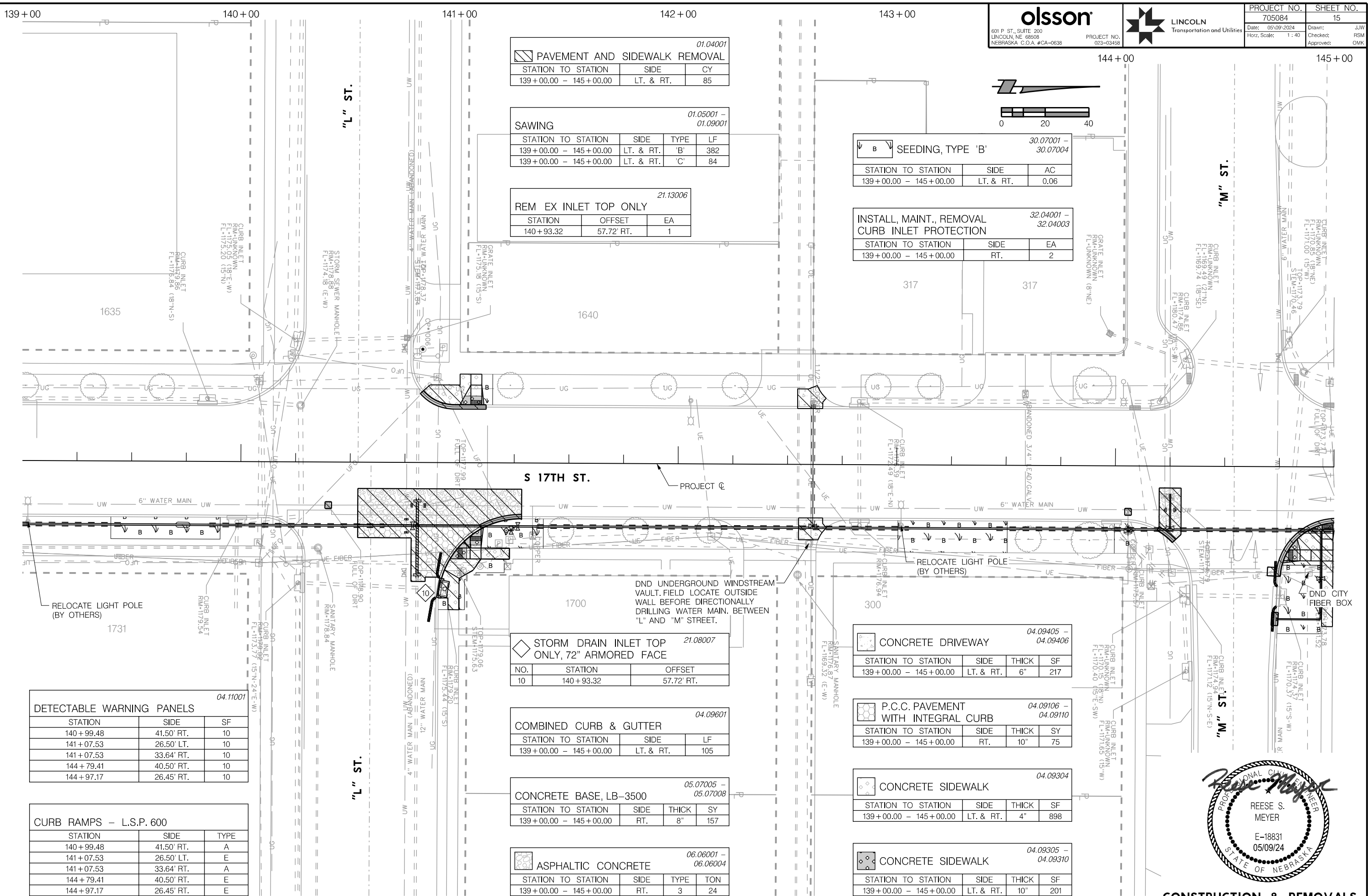


CONSTRUCTION & REMOVALS
 S 17TH STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.cdg
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 USER: spakus
 DATE: 05/09/2024
 DGN: ...705084CR08.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



01.04001

PAVEMENT AND SIDEWALK REMOVAL		
STATION TO STATION	SIDE	CY
139+00.00 - 145+00.00	LT. & RT.	85

01.05001 - 01.09001

SAWING			
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

21.13006

REM EX INLET TOP ONLY		
STATION	OFFSET	EA
140+93.32	57.72' RT.	1

30.07001 - 30.07004

SEEDING, TYPE 'B'		
STATION TO STATION	SIDE	AC
139+00.00 - 145+00.00	LT. & RT.	0.06

32.04001 - 32.04003

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION		
STATION TO STATION	SIDE	EA
139+00.00 - 145+00.00	RT.	2

04.11001

DETECTABLE WARNING PANELS		
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

21.08007

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE		
NO.	STATION	OFFSET
10	140+93.32	57.72' RT.

04.09601

COMBINED CURB & GUTTER		
STATION TO STATION	SIDE	LF
139+00.00 - 145+00.00	LT. & RT.	105

05.07005 - 05.07008

CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
139+00.00 - 145+00.00	RT.	8"	157

06.06001 - 06.06004

ASPHALTIC CONCRETE			
STATION TO STATION	SIDE	TYPE	TON
139+00.00 - 145+00.00	RT.	3	24

04.09405 - 04.09406

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

04.09106 - 04.09110

P.C.C. PAVEMENT WITH INTEGRAL CURB			
STATION TO STATION	SIDE	THICK	SY
139+00.00 - 145+00.00	RT.	10"	75

04.09304

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

04.09305 - 04.09310

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

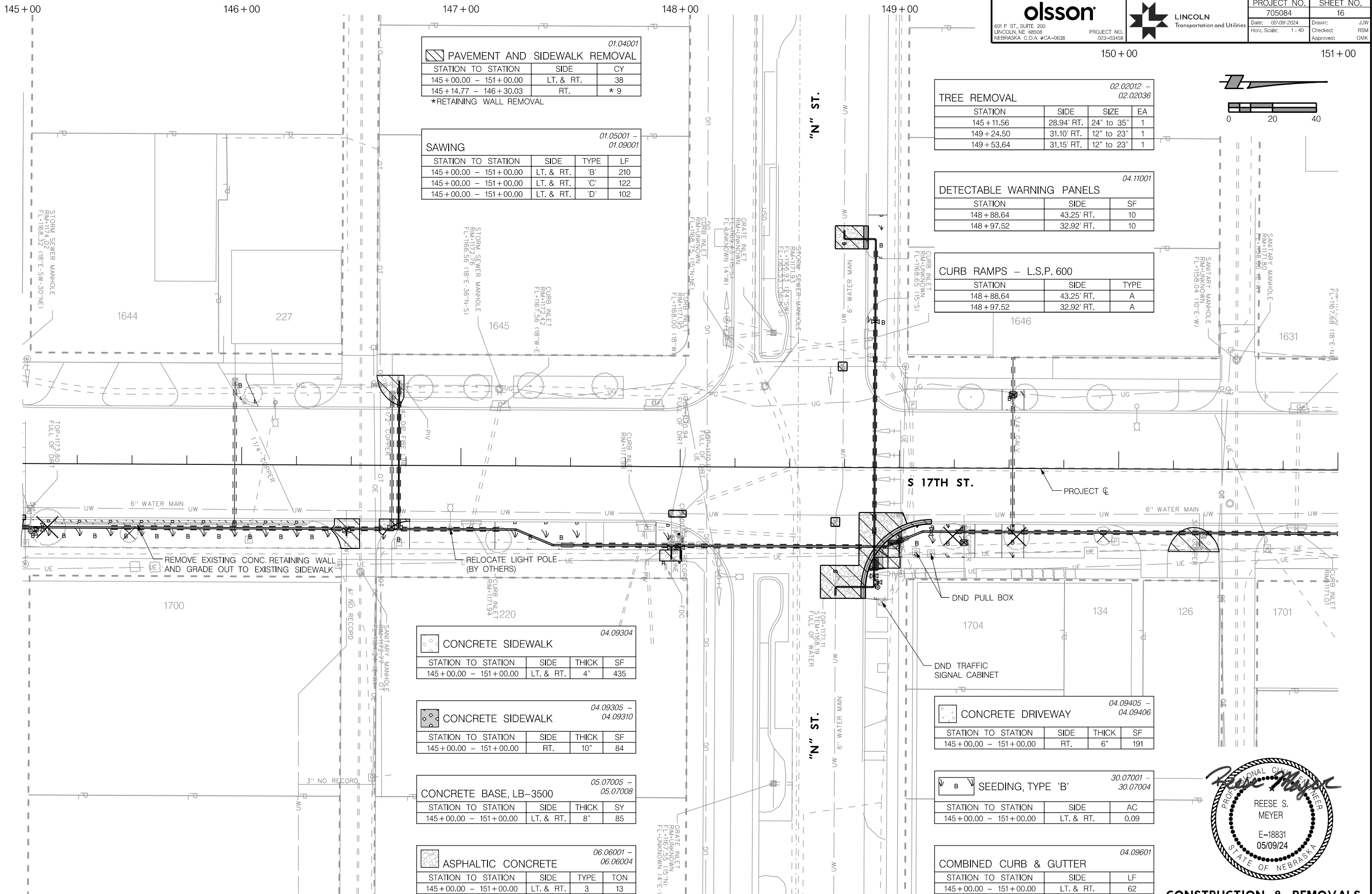


CONSTRUCTION & REMOVALS
 S 17TH STREET

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 USER: spkikus
 DATE: 05/09/2024
 DGN: ...705084CR08.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



01.04001

PAVEMENT AND SIDEWALK REMOVAL			
STATION TO STATION	SIDE	TYPE	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

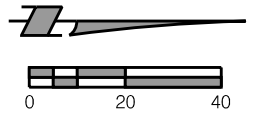
CONCRETE DRIVEWAY			
STATION TO STATION	SIDE	THICK	SF
145+00.00 - 151+00.00	RT.	6"	191

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



CONSTRUCTION & REMOVALS
 S 17TH STREET

PROJ: FDWY_023-03458_Lincoln_17th Street Water Replacement.cdg
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On 05/24/24

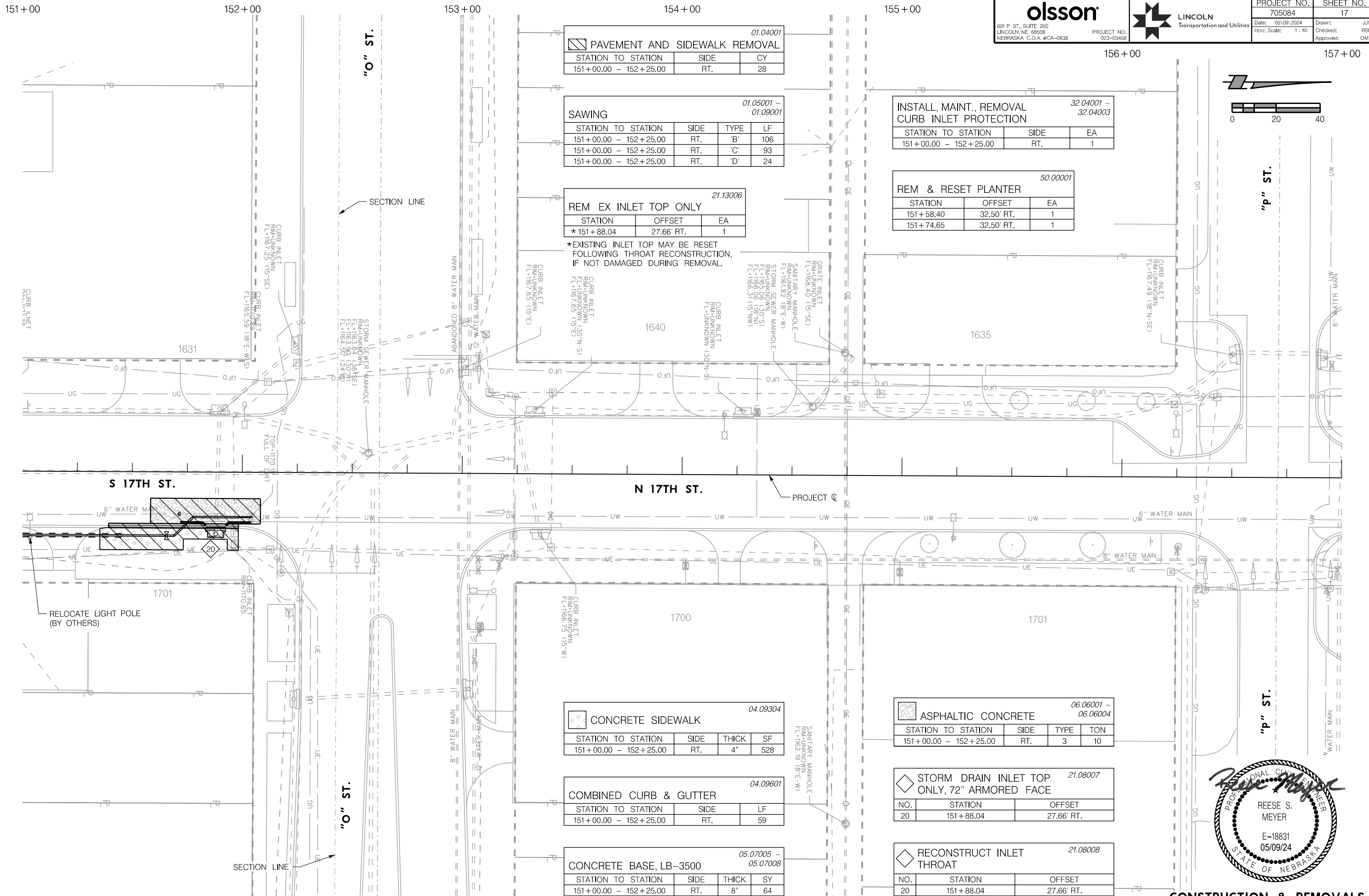
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

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.	17
Date:	05/09/2024	Drawn:	JW
Horz. Scale:	1 : 40	Checked:	RSM
		Approved:	DMK



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

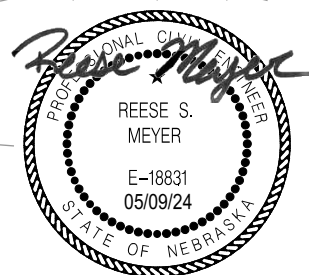
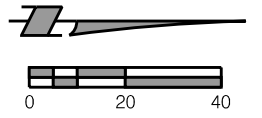
STATION TO STATION	SIDE	TYPE	TON
151+00.00 - 152+25.00	RT.	3	10

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.



CONSTRUCTION & REMOVALS
 N 17TH STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\cm\CR_Pennable.tbl
 USER: spkhus
 DATE: 05/09/2024
 DGN: ...705084CR1.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

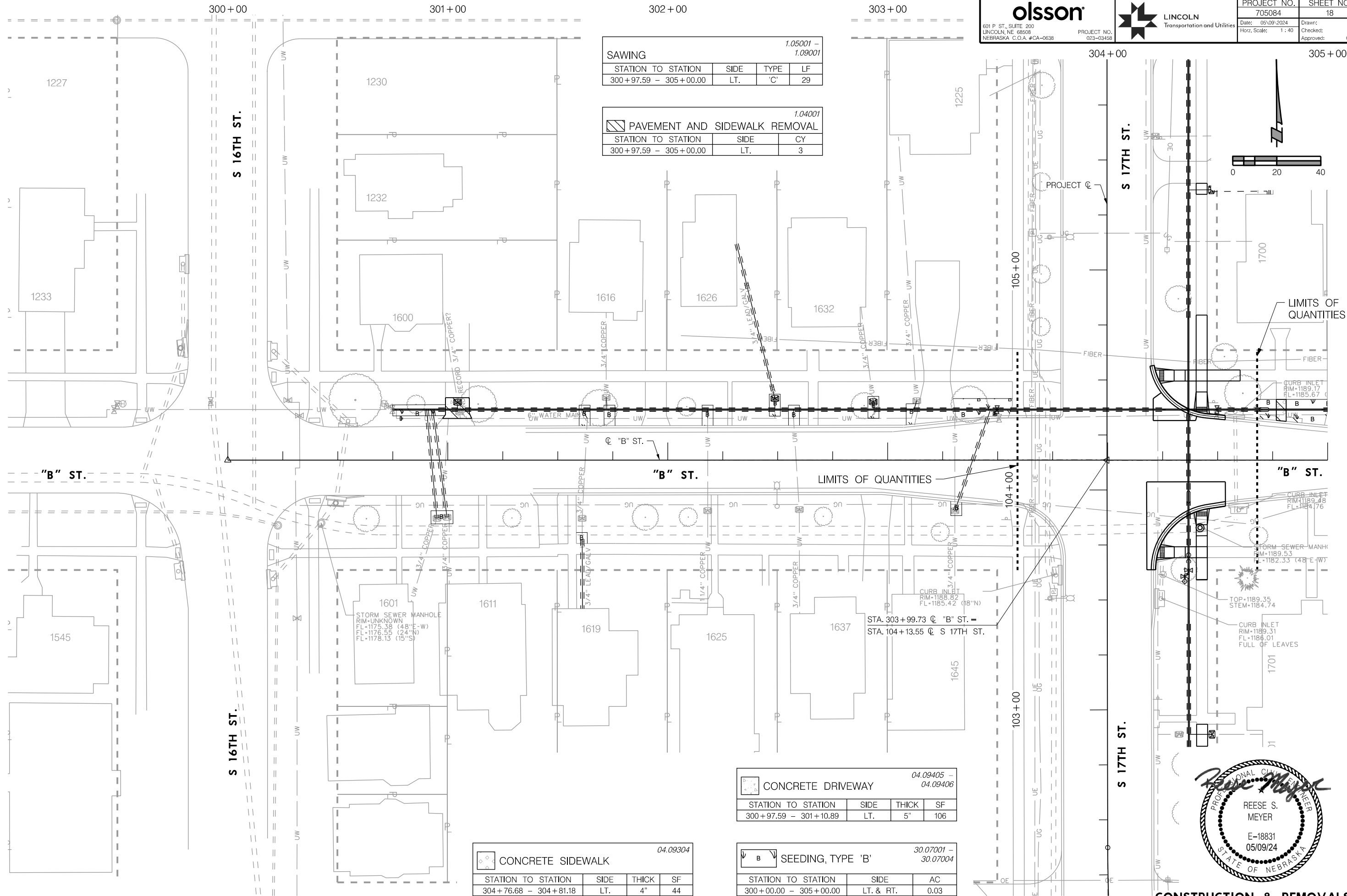


601 P. ST., SUITE 200
 LINCOLN, NE 68508
 NEBRASKA, C.O.A. #CA-0638



PROJECT NO. 023-03458

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



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

PAVEMENT AND SIDEWALK REMOVAL			
STATION TO STATION	SIDE	CY	
300+97.59 - 305+00.00	LT.	3	

CONCRETE DRIVEWAY			
STATION TO STATION	SIDE	THICK	SF
300+97.59 - 301+10.89	LT.	5"	106

SEEDING, TYPE 'B'			
STATION TO STATION	SIDE	AC	
300+00.00 - 305+00.00	LT. & RT.	0.03	

CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
304+76.68 - 304+81.18	LT.	4"	44



CONSTRUCTION & REMOVALS
 "B" STREET

PROJ: FDWY_023-03458_Lincoln_17th Street Water Replacement.dwg
 PEN: ...tables\pen\CR_Pennable.tbl
 USER: splkhus
 DATE: 05/09/2024
 DGN: ...705084CR12.dgn

On 05/24/24

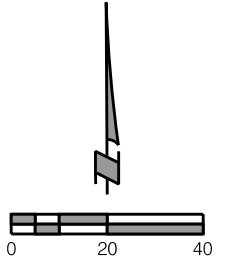
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

305+00

306+00

307+00

 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	 TRANSPORTATION AND UTILITIES	PROJECT NO.	SHEET NO.
		705084	19
Date: 05/09/2024 Horz. Scale: 1 : 40		Drawn: SJP	Checked: RSM
PROJECT NO. 023-03458		Approved: DMK	



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

SANITARY MANHOLE
 RIM-UNKNOWN
 FL=184.65 (8"E-W)



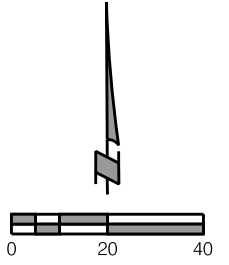
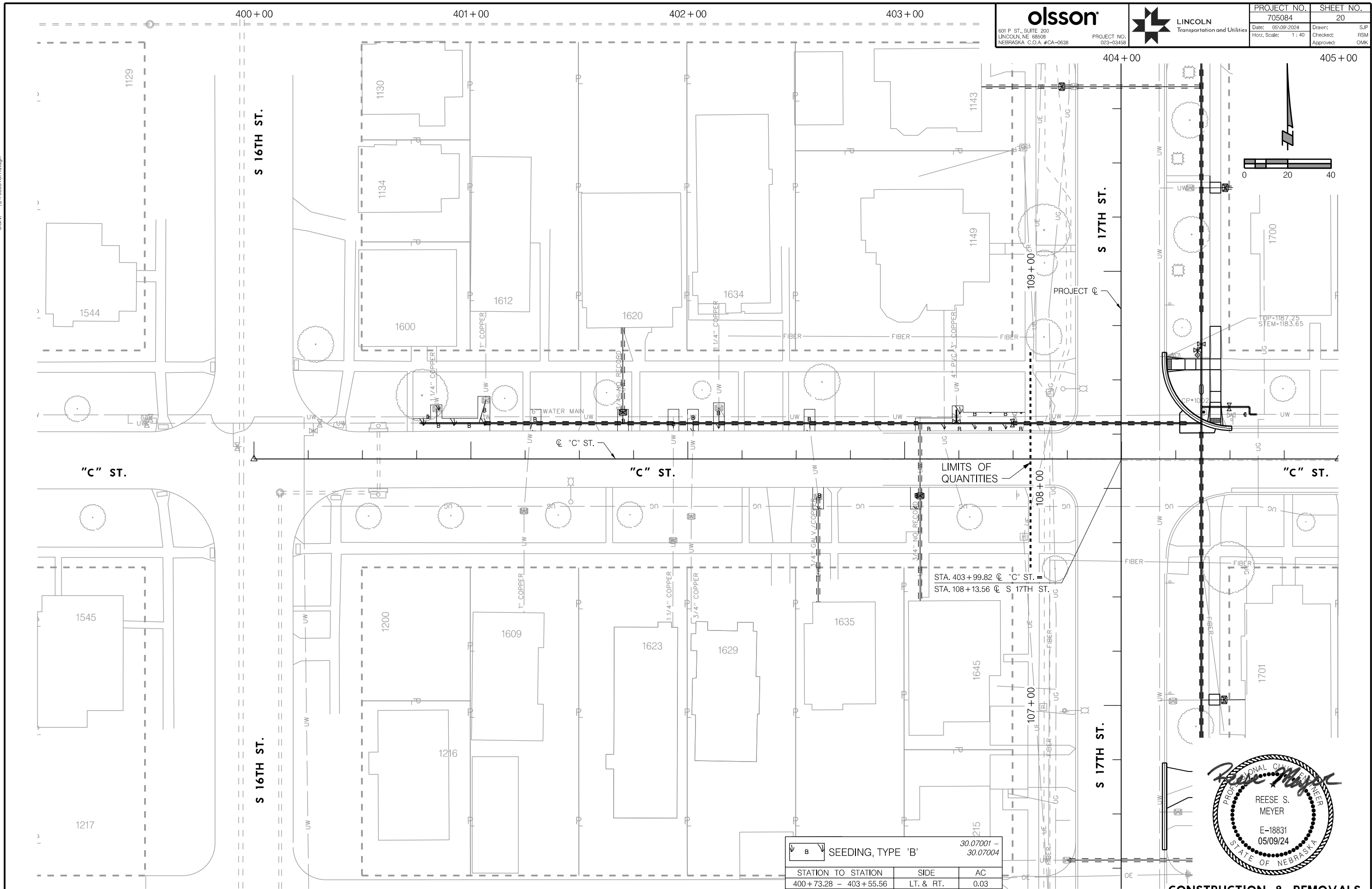
CONSTRUCTION & REMOVALS
 "B" STREET

PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\cm\CR_Pennable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...705084CR13.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	 PROJECT NO. 023-03458	PROJECT NO.	SHEET NO.
		705084	20
		Date: 05/09/2024	Drawn: SJP
		Horz. Scale: 1 : 40	Checked: RSM
			Approved: DMK



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



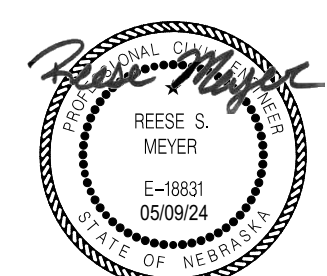
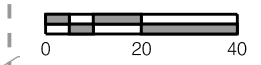
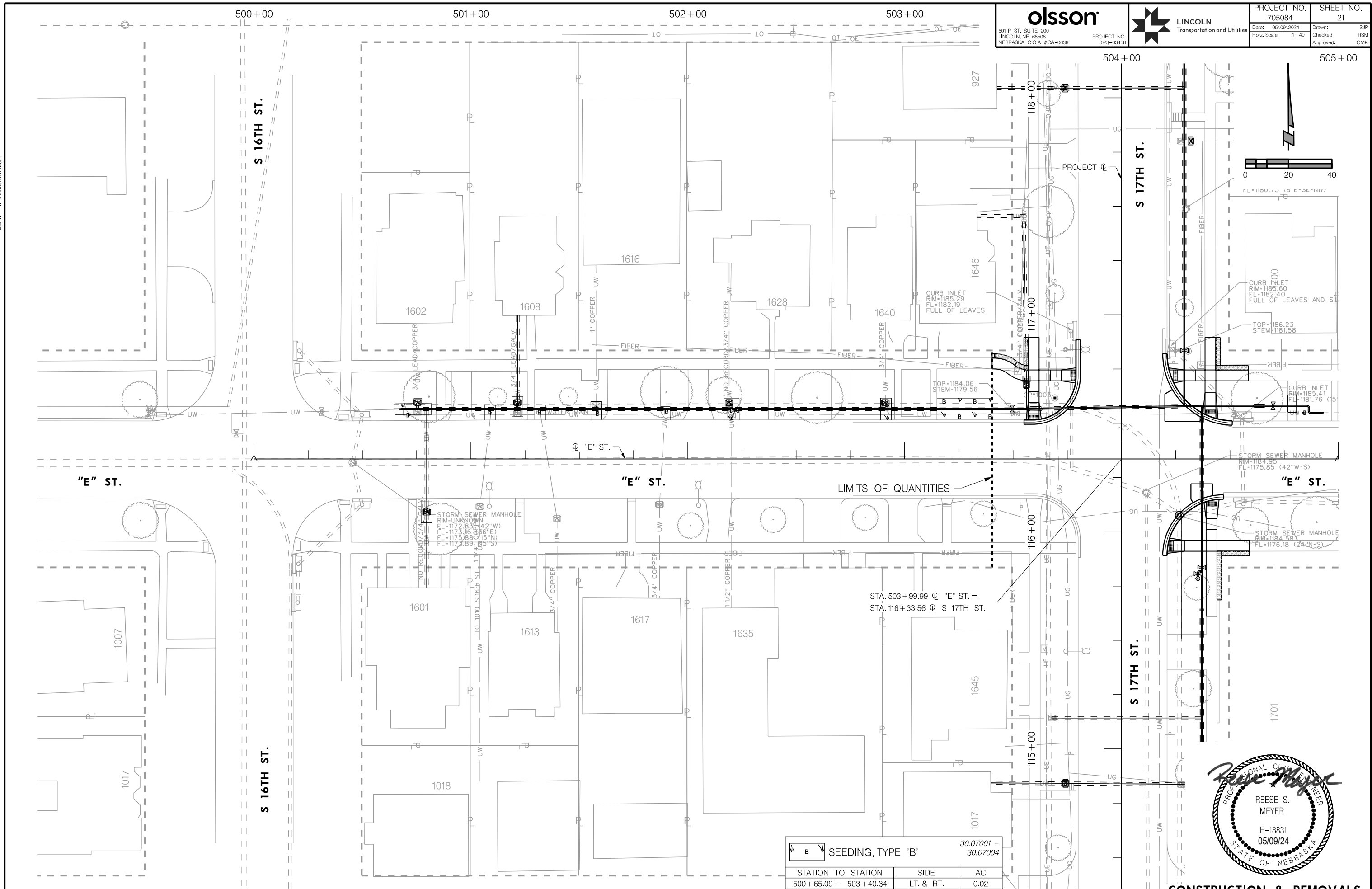
CONSTRUCTION & REMOVALS
 "C" STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.ctg
 PEN: ...tables\cm\CR3_Pennable.tbl
 USER: spkikus
 DATE: 05/09/2024
 DGN: ...705084CR14.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	 PROJECT NO. 023-03458	PROJECT NO.	SHEET NO.
		705084	21
		Date: 05/09/2024	Drawn: SJP
		Horz. Scale: 1:40	Checked: RSM
			Approved: DMK



	SEEDING, TYPE 'B'	30.07001 - 30.07004
STATION TO STATION	SIDE	AC
500+65.09 - 503+40.34	LT. & RT.	0.02

CONSTRUCTION & REMOVALS
 "E" STREET

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

PROJECT NO. 023-03458
 TRANSPORTATION AND UTILITIES

PROJECT NO. 705084
 SHEET NO. 22
 Date: 05/09/2024
 Drawn: SJP
 Checked: RSM
 Approved: DMK
 Horiz. Scale: 1" = 40'

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

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

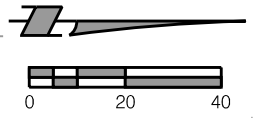
REMOVE & SALVAGE FITTING 23.04102 - 23.04109

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

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	-

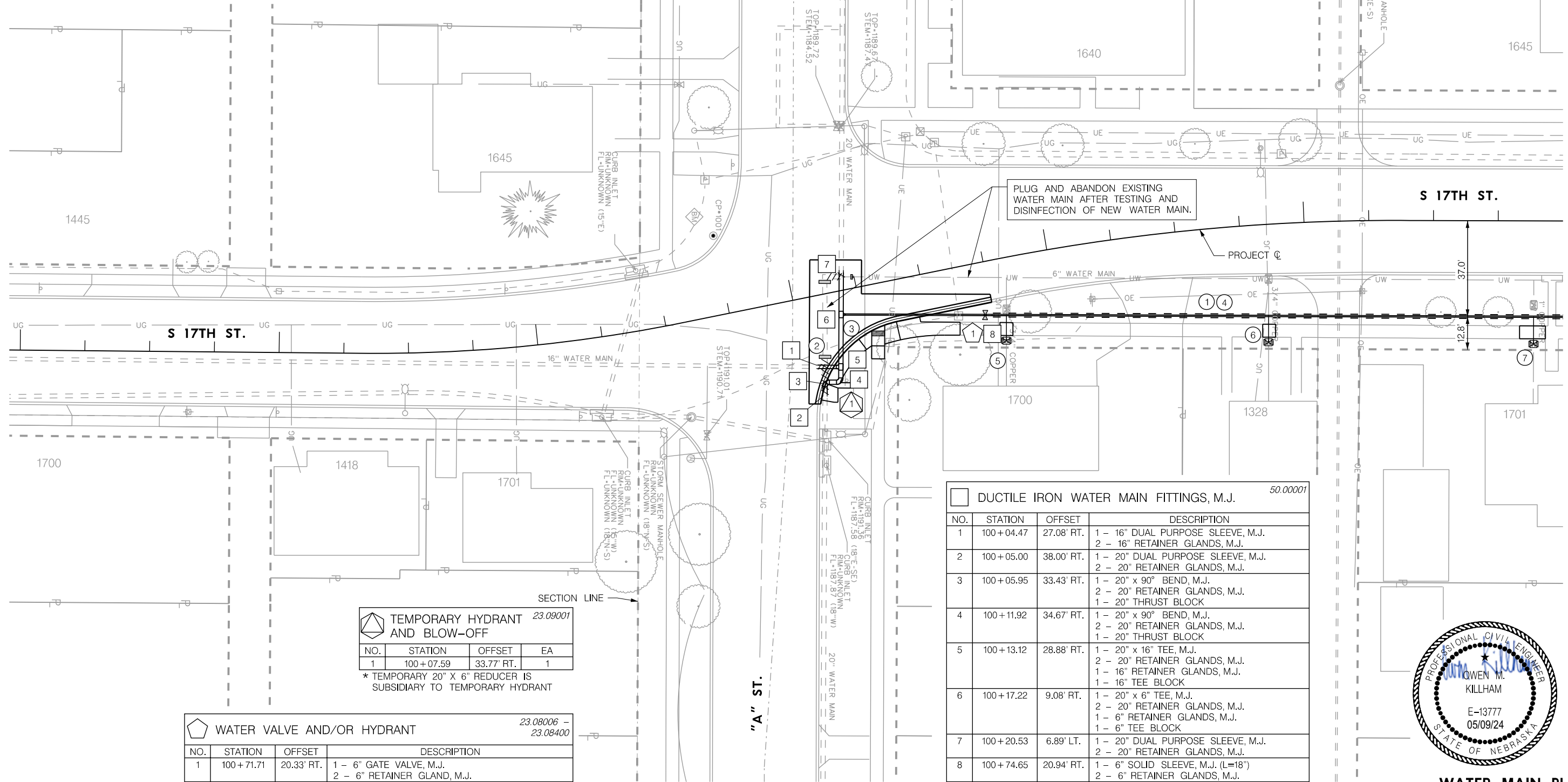
★ NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.



PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.dwg
 PEN: ...\\ables\pen\WT_Pennable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...\\Water Main\705084\WTD1.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



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.

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.



WATER MAIN PLAN
S 17TH STREET

PROJ: FDWY 023-03458 Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\pen\WT_Pennable.tbl
 USER: spckus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\MT02.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

103+00

104+00

105+00

106+00

107+00

108+00

109+00

 601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	 PROJECT NO. 023-03458	PROJECT NO.	SHEET NO.
		705084	23
		Date: 05/09/2024	Drawn: SJP
		Horz. Scale: 1" = 40'	Checked: RSM
			Approved: DMK

REMOVE WATER MAIN				
STATION TO STATION	SIDE	SIZE	LF	
404+57.05 - 404+62.05	LT.	6"	5	

REMOVE & SALVAGE HYDRANT				
STATION	OFFSET	EA		
103+61.49	25.37' RT.	1		
108+60.80	25.73' RT.	1		

TEMPORARY HYDRANT AND BLOW-OFF				
NO.	STATION	OFFSET	EA	
1	404+58.38	23.99' LT.	1	

WATER MAIN				
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

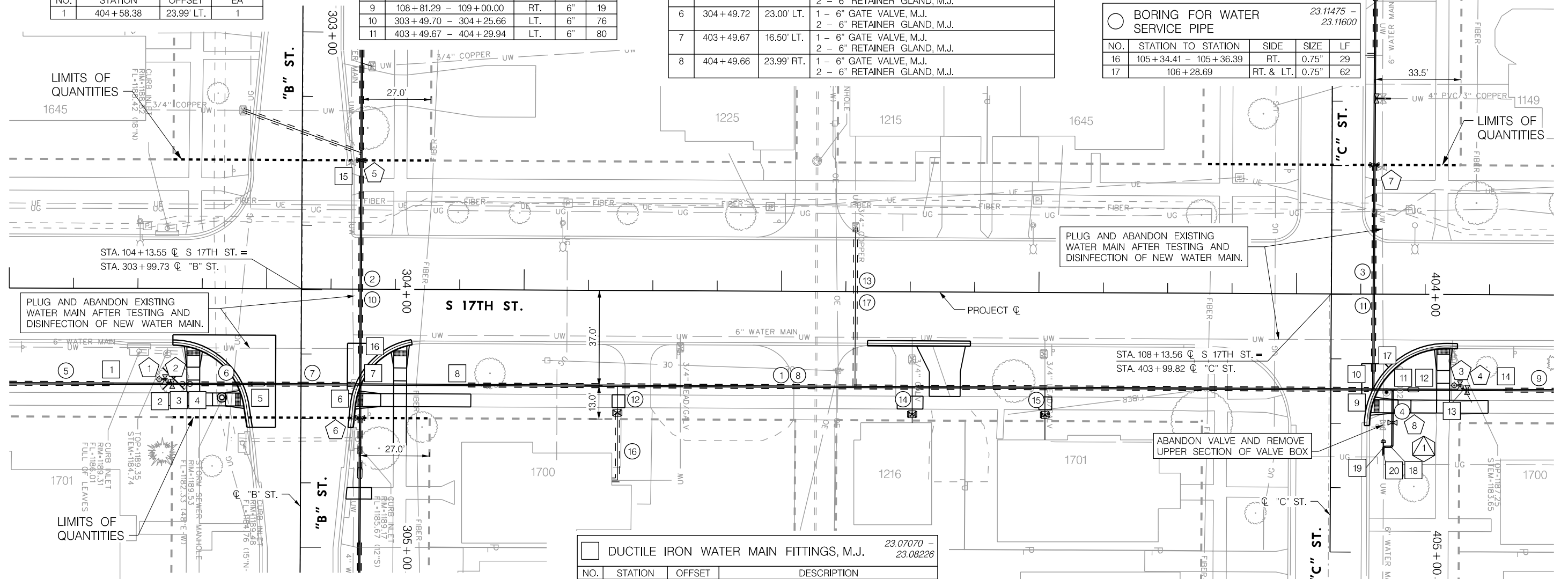
DIRECTIONAL DRILLING FOR WATER MAIN				
NO.	STATION TO STATION	SIDE	SIZE	LF
5	103+00.00 - 103+40.00	RT.	6"	40
6	103+74.75 - 103+94.75	RT.	6"	20
7	104+00.08 - 104+35.11	RT.	6"	35
8	104+78.28 - 108+28.28	RT.	6"	350
9	108+81.29 - 109+00.00	RT.	6"	19
10	303+49.70 - 304+25.66	LT.	6"	76
11	403+49.67 - 404+29.94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

WATER VALVE AND/OR HYDRANT				
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						
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				
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.				
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.				
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	
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.				
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.	

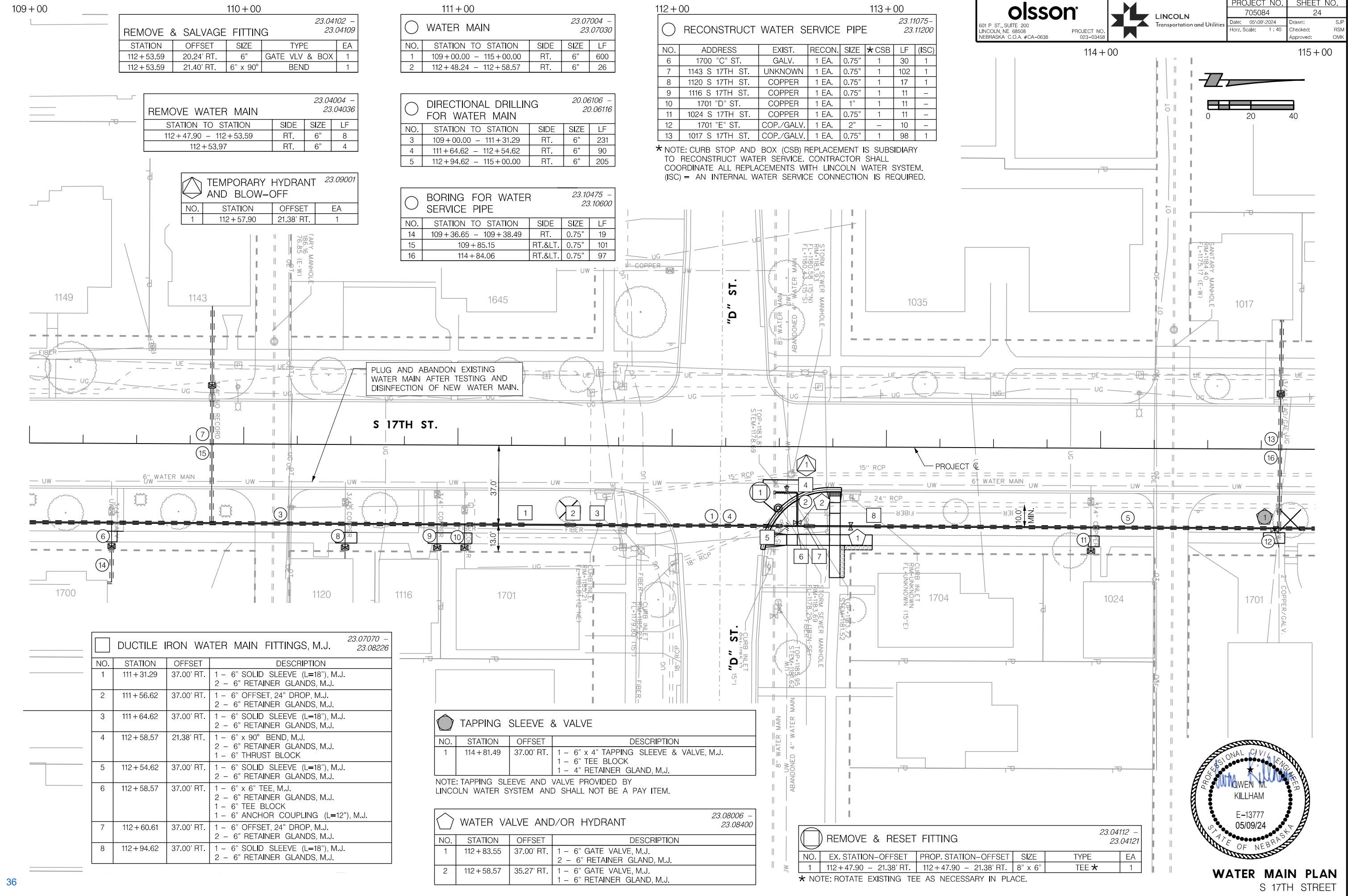


WATER MAIN PLAN
S 17TH STREET

PROJ: FDWY_023-03468_Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\cm\WF_Pennable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT03.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



23.04102 - 23.04109
REMOVE & SALVAGE FITTING

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

23.04004 - 23.04036
REMOVE WATER MAIN

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

23.09001
TEMPORARY HYDRANT AND BLOW-OFF

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

23.07004 - 23.07030
WATER MAIN

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

20.06106 - 20.06116
DIRECTIONAL DRILLING FOR WATER MAIN

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

23.10475 - 23.10600
BORING FOR WATER SERVICE PIPE

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

23.11075 - 23.11200
RECONSTRUCT WATER SERVICE PIPE

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.

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

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.

23.08006 - 23.08400
WATER VALVE AND/OR HYDRANT

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.

23.04112 - 23.04121
REMOVE & RESET FITTING

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

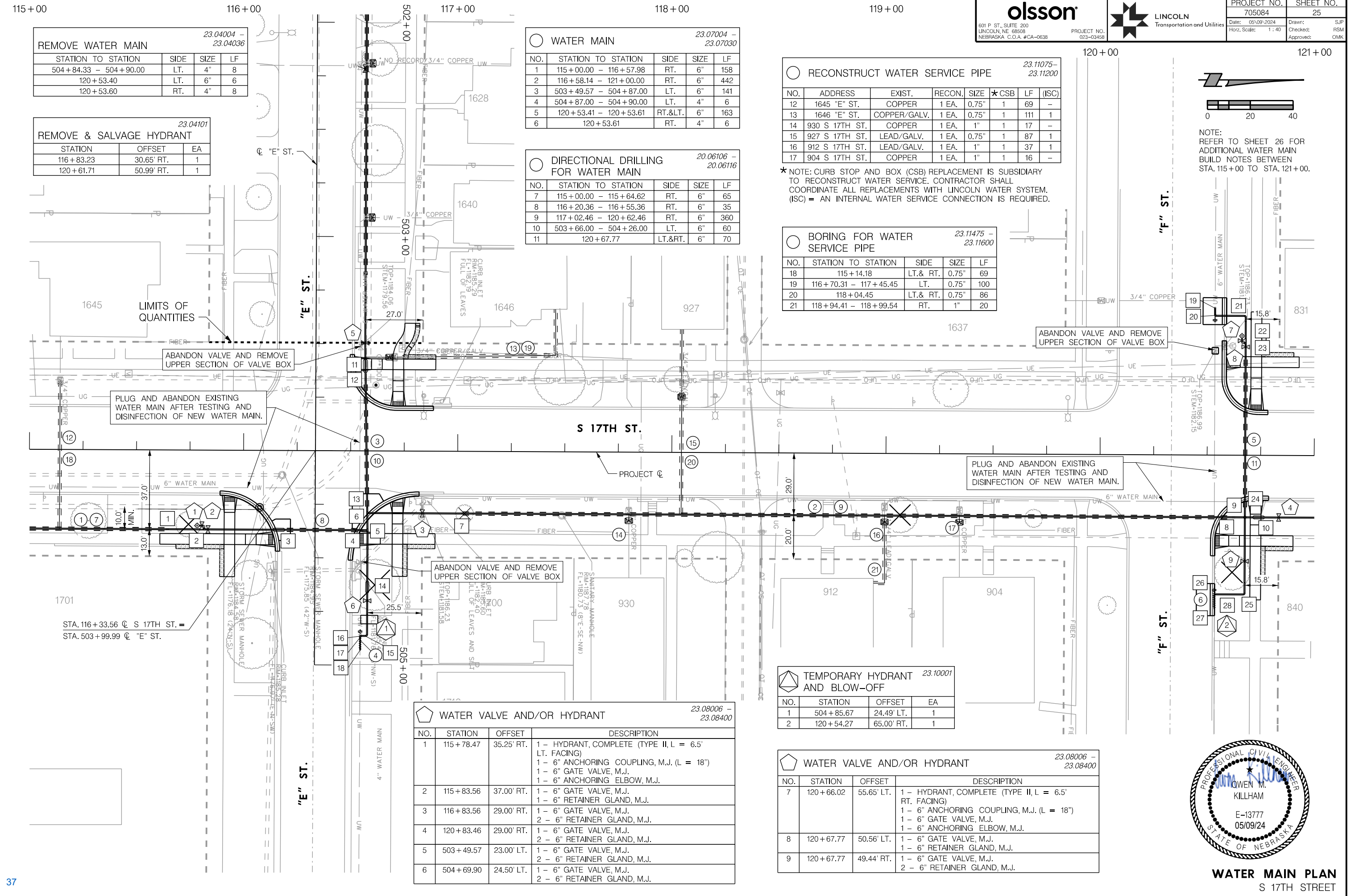
★ NOTE: ROTATE EXISTING TEE AS NECESSARY IN PLACE.



PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\cm\WT_Pennable.tbl
 USER: spakus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WTD4.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



23.04004 - 23.04036
 REMOVE WATER MAIN

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

23.04101
 REMOVE & SALVAGE HYDRANT

STATION	OFFSET	EA
116+83.23	30.65' RT.	1
120+61.71	50.99' RT.	1

23.07004 - 23.07030
 WATER MAIN

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.<.	6"	163
6	120+53.61	RT.	4"	6

20.06106 - 20.06116
 DIRECTIONAL DRILLING FOR WATER MAIN

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

23.11075 - 23.11200
 RECONSTRUCT WATER SERVICE PIPE

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	-

23.11475 - 23.11600
 BORING FOR WATER SERVICE PIPE

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

23.10001
 TEMPORARY HYDRANT AND BLOW-OFF

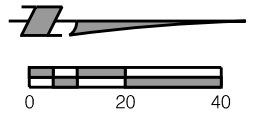
NO.	STATION	OFFSET	EA
1	504+85.67	24.49' LT.	1
2	120+54.27	65.00' RT.	1

23.08006 - 23.08400
 WATER VALVE AND/OR HYDRANT

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. 2 - 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.

23.08006 - 23.08400
 WATER VALVE AND/OR HYDRANT

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.



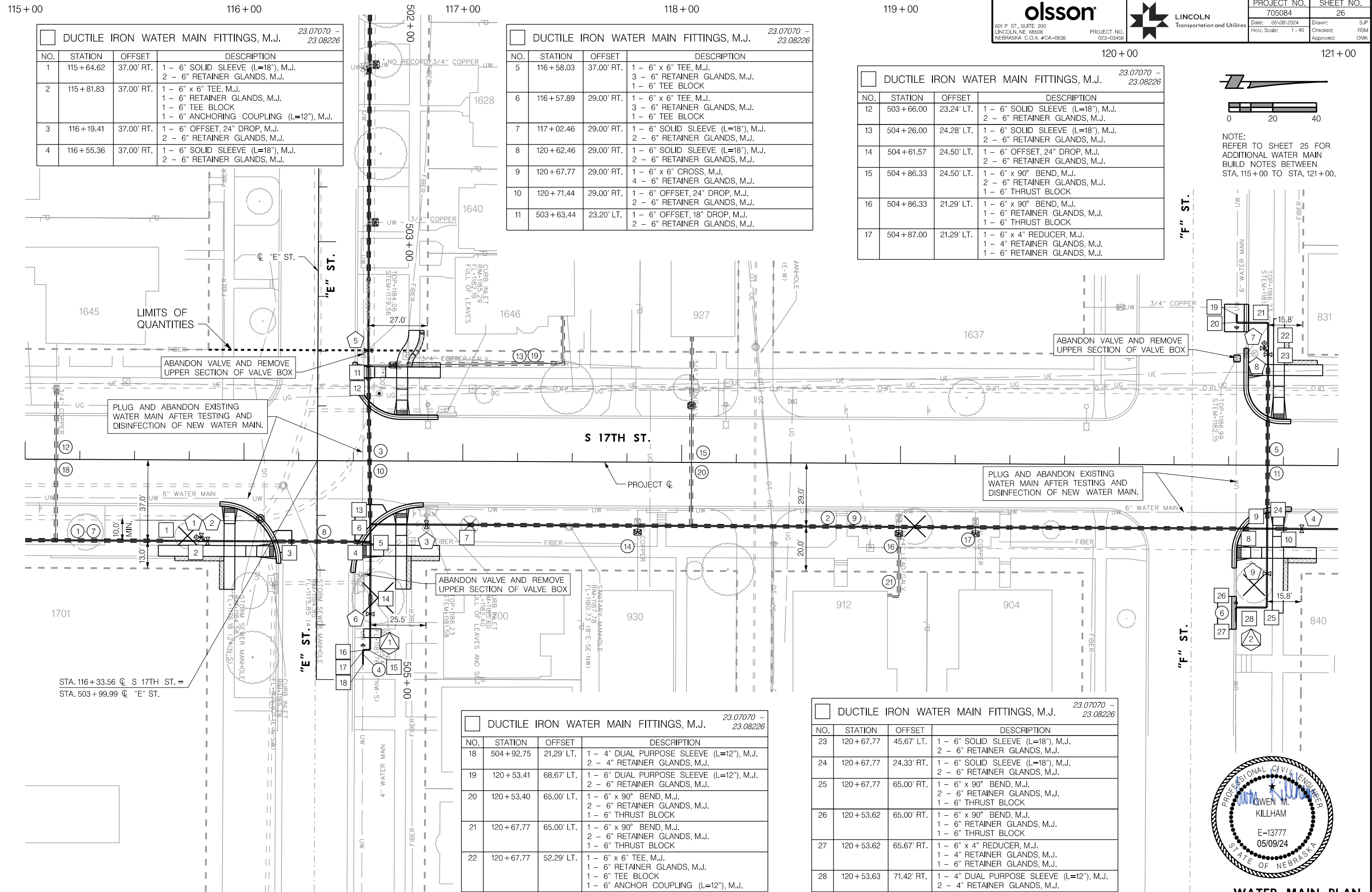
NOTE:
 REFER TO SHEET 26 FOR
 ADDITIONAL WATER MAIN
 BUILD NOTES BETWEEN
 STA. 115+00 TO STA. 121+00.



PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.ctb
 USER: ...tables\cm\WT_Pennable.tbl
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT05.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



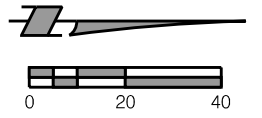
DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226			
NO.	STATION	OFFSET	DESCRIPTION
1	115+64.62	37.00' RT.	1 - 6" SOLID SLEEVE (L=18"), M.J. 2 - 6" RETAINER GLANDS, M.J.
2	115+81.83	37.00' RT.	1 - 6" x 6" TEE, M.J. 1 - 6" RETAINER GLANDS, M.J. 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING (L=12"), 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.

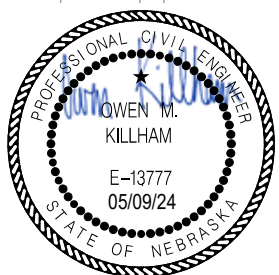
DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226			
NO.	STATION	OFFSET	DESCRIPTION
12	503+66.00	23.24' LT.	1 - 6" SOLID SLEEVE (L=18"), M.J. 2 - 6" RETAINER GLANDS, M.J.
13	504+26.00	24.28' LT.	1 - 6" SOLID SLEEVE (L=18"), M.J. 2 - 6" RETAINER GLANDS, M.J.
14	504+61.57	24.50' LT.	1 - 6" OFFSET, 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.

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.



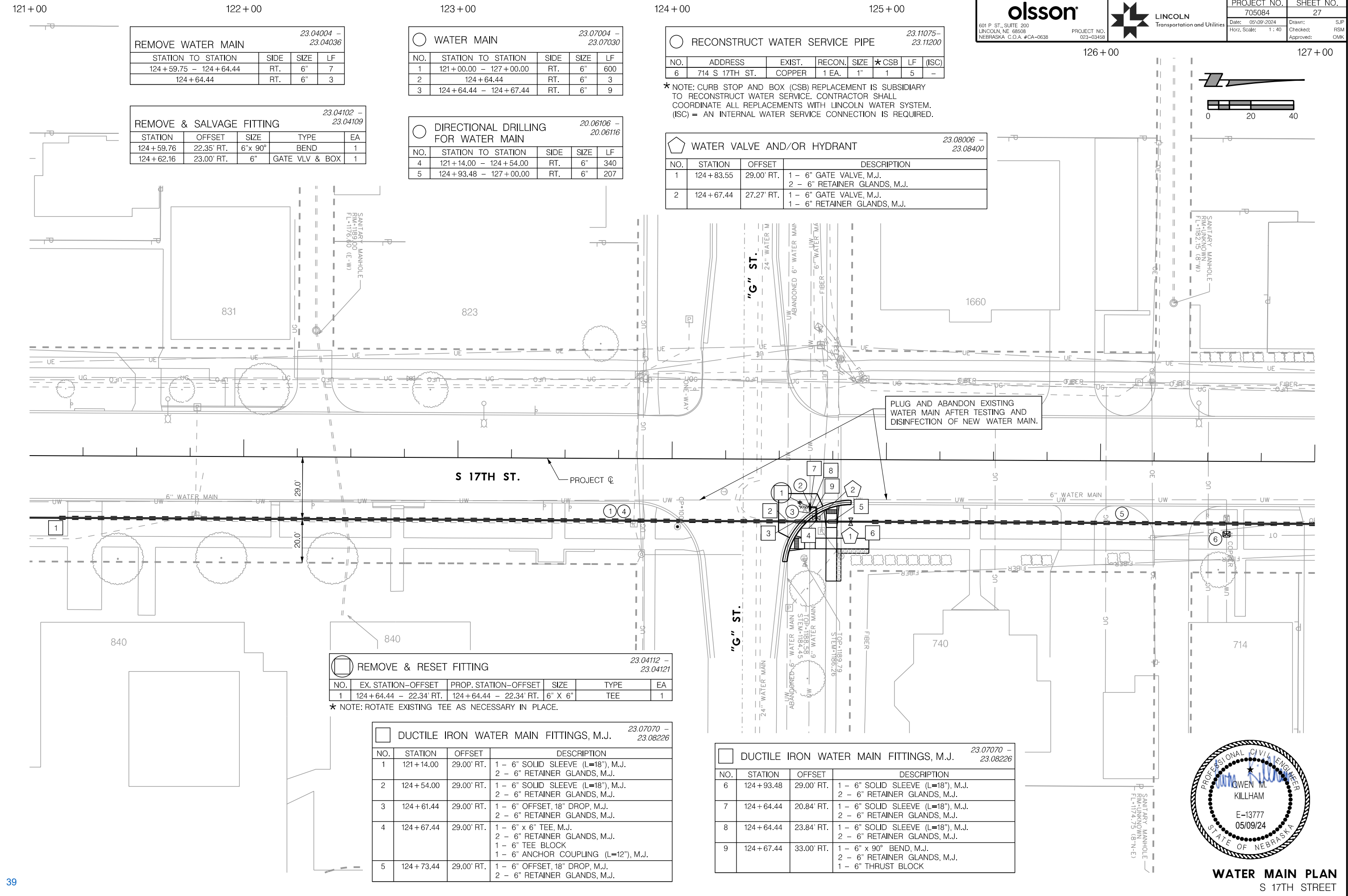
NOTE:
 REFER TO SHEET 25 FOR
 ADDITIONAL WATER MAIN
 BUILD NOTES BETWEEN
 STA. 115+00 TO STA. 121+00.



PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\pen\WT_Pennable.tbl
 USER: spkhus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT06.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



23.04004 - 23.04036
 REMOVE WATER MAIN

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

23.04102 - 23.04109
 REMOVE & SALVAGE FITTING

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

23.07004 - 23.07030
 WATER MAIN

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

20.06106 - 20.06116
 DIRECTIONAL DRILLING FOR WATER MAIN

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

23.11075 - 23.11200
 RECONSTRUCT WATER SERVICE PIPE

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.

23.08006 - 23.08400
 WATER VALVE AND/OR HYDRANT

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.

23.04112 - 23.04121
 REMOVE & RESET FITTING

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.

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

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.

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

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

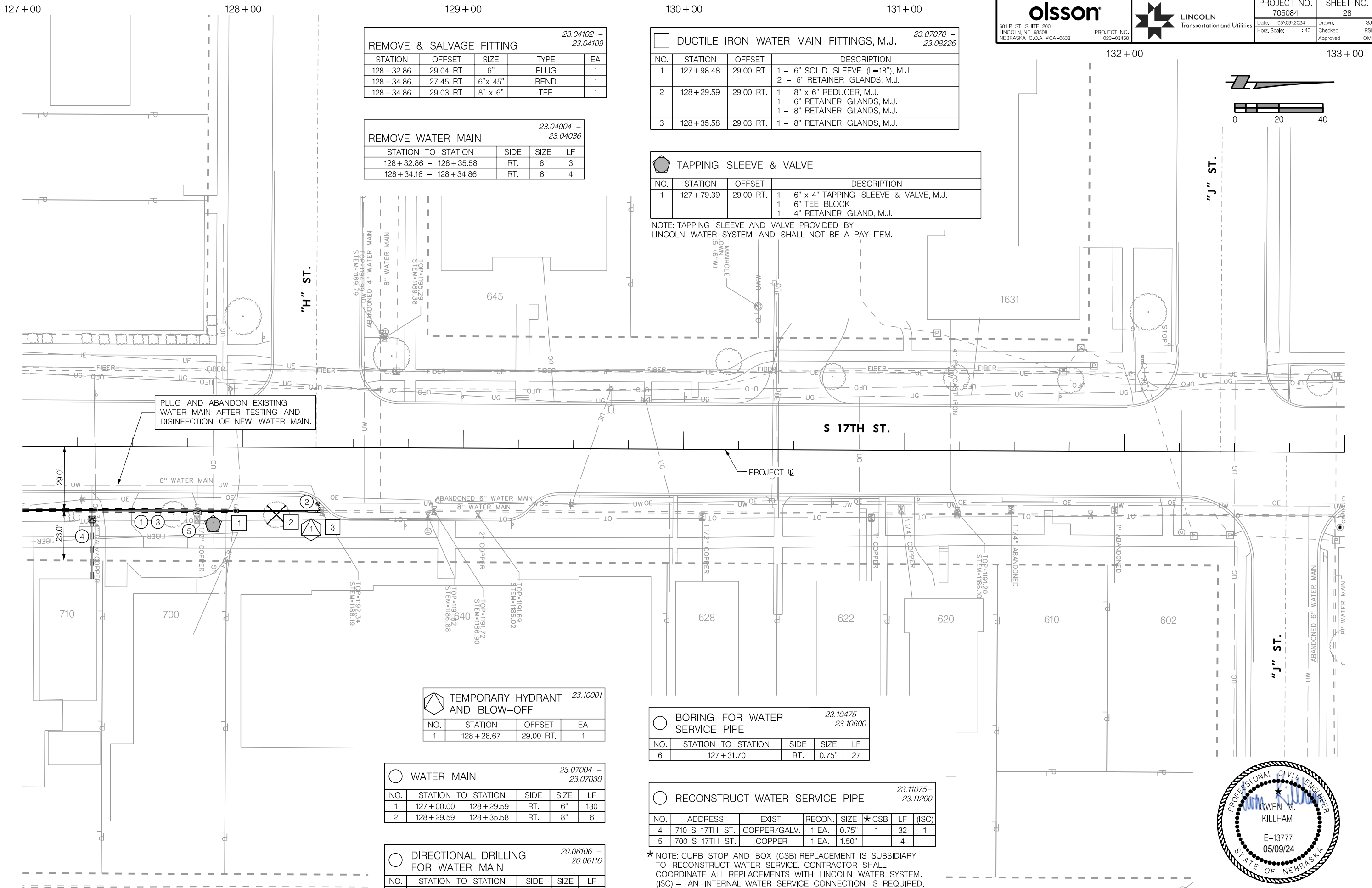


WATER MAIN PLAN
 S 17TH STREET

PROJ: FDWY_023-03468_Lincoln 17th Street Water Replacement.cdg
 PEN: ...tables\cm\WT_Pennable.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT07.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



23.04102 - 23.04109
REMOVE & SALVAGE FITTING

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

23.04004 - 23.04036
REMOVE WATER MAIN

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

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

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.

23.10001
TEMPORARY HYDRANT AND BLOW-OFF

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

23.10475 - 23.10600
BORING FOR WATER SERVICE PIPE

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

23.07004 - 23.07030
WATER MAIN

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

23.11075 - 23.11200
RECONSTRUCT WATER SERVICE PIPE

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	-

20.06106 - 20.06116
DIRECTIONAL DRILLING FOR WATER MAIN

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

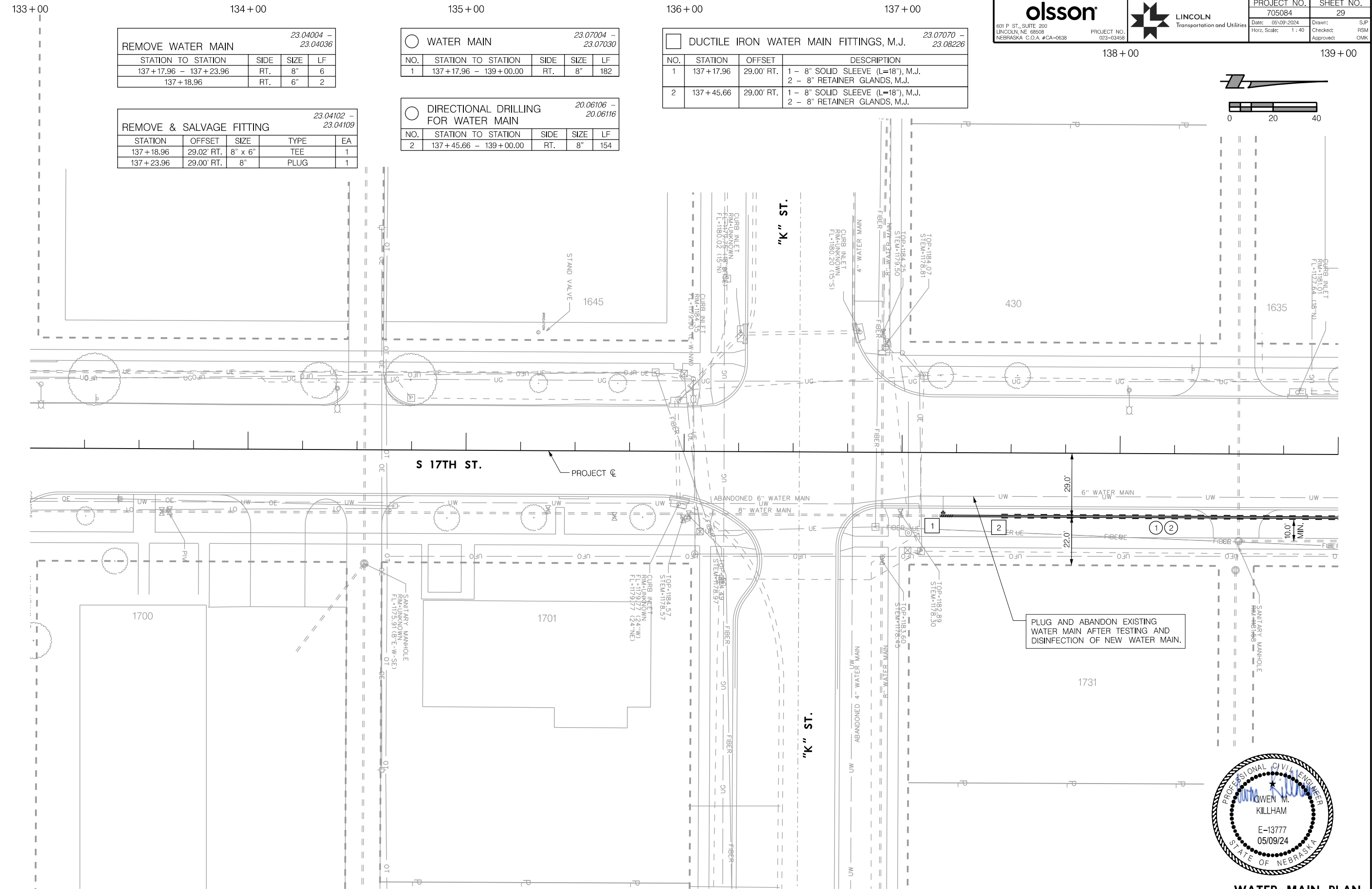
*NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.



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 USER: spickus
 DATE: 05/09/2024
 DGN: ...\\Water_Main\705084\WT08.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



23.04004 - 23.04036
 REMOVE WATER MAIN

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

23.04102 - 23.04109
 REMOVE & SALVAGE FITTING

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

23.07004 - 23.07030
 WATER MAIN

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

20.06106 - 20.06116
 DIRECTIONAL DRILLING FOR WATER MAIN

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

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

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.

olsson LINCOLN Transportation and Utilities

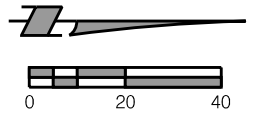
601 P. ST., SUITE 200
 LINCOLN, NE 68508
 NEBRASKA, C.O.A. #CA-0638

PROJECT NO. 023-03458

PROJECT NO. 705084
 SHEET NO. 29

Date: 05/09/2024
 Horz. Scale: 1" = 40'

Drawn: SJP
 Checked: RSM
 Approved: DMK



WATER MAIN PLAN
 S 17TH STREET

PROJ: FDWY_023-03468_Lincoln_17th_Street_Water_Replacement.ctb
 PEN: ...tables\pen\WT_Pennable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...Water_Main\705084\WT09.dgn

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

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

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

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	-

23.04101

STATION	OFFSET	EA
141 + 01.94	49.42' RT.	1

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

23.10475 - 23.10600

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

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

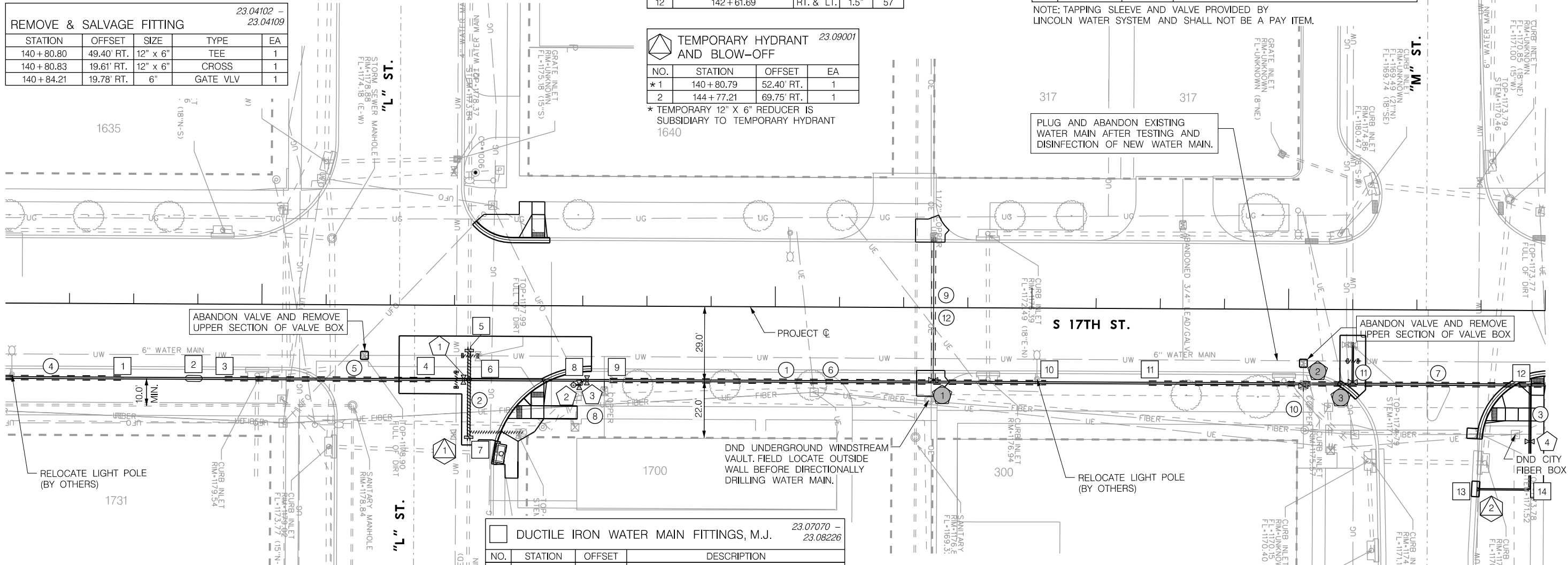
23.09001

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

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.



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.

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

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.

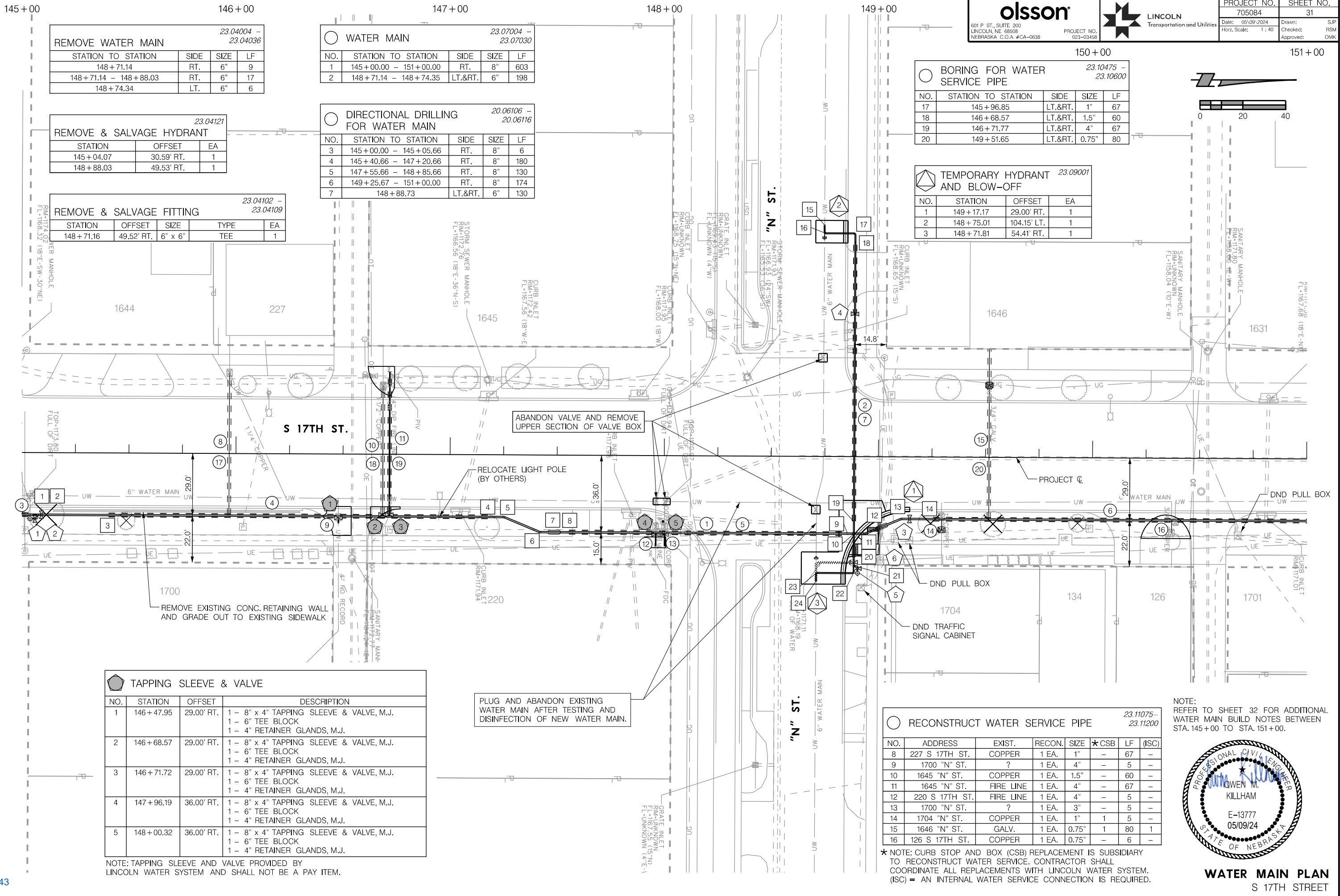


WATER MAIN PLAN
S 17TH STREET

PROJ: FDWY_023-03468_Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\cm\WT_Pennable.tbl
 USER: spakus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT10.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



23.04004 - 23.04036
REMOVE WATER MAIN

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

23.07004 - 23.07030
WATER MAIN

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

23.04121
REMOVE & SALVAGE HYDRANT

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

20.06106 - 20.06116
DIRECTIONAL DRILLING FOR WATER MAIN

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

23.04102 - 23.04109
REMOVE & SALVAGE FITTING

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

23.10475 - 23.10600
BORING FOR WATER SERVICE PIPE

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

23.09001
TEMPORARY HYDRANT AND BLOW-OFF

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.

23.11075 - 23.11200
RECONSTRUCT WATER SERVICE PIPE

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.

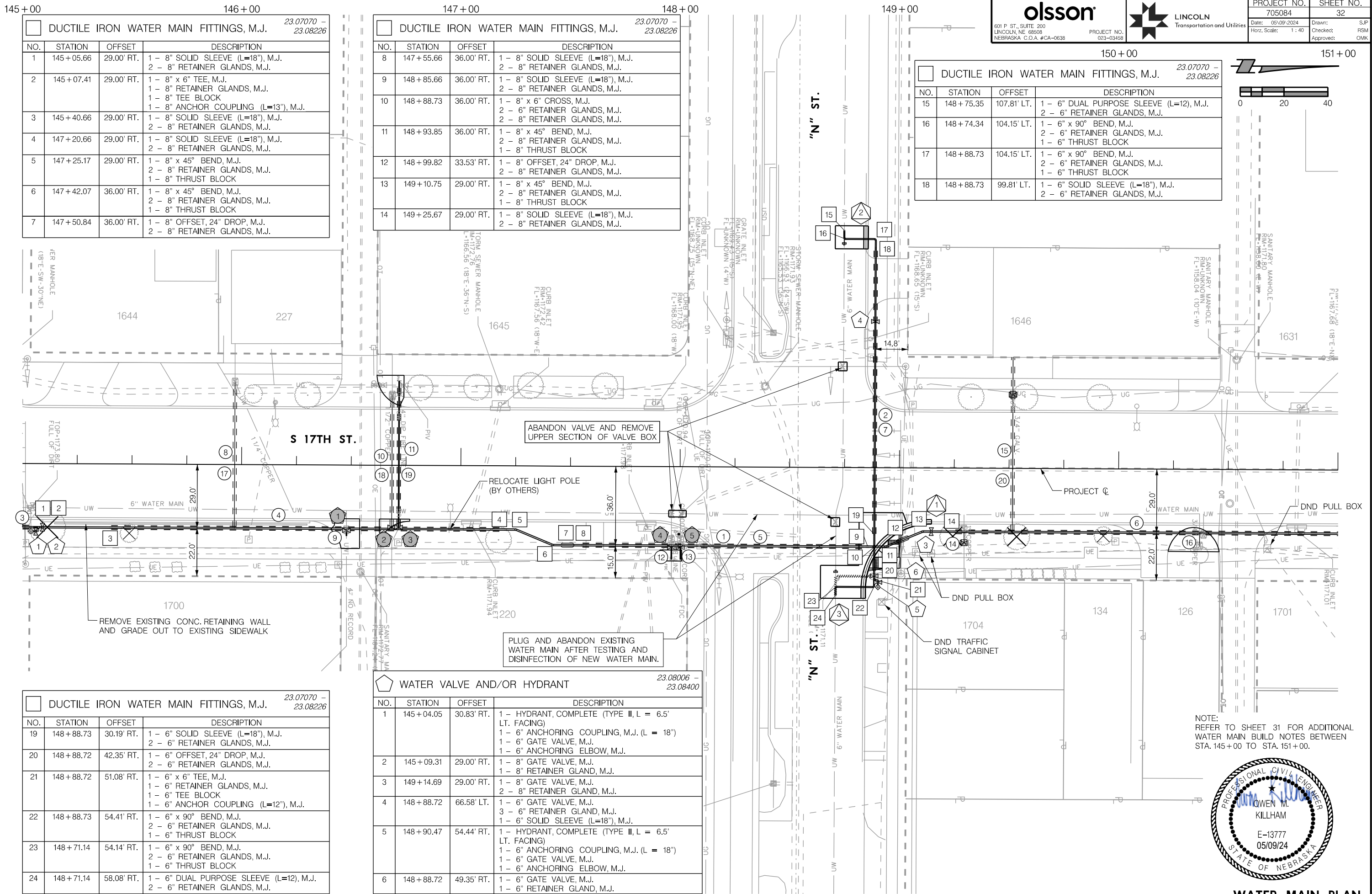


WATER MAIN PLAN
S 17TH STREET

PROJ: FDWY_023-03468_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\pen\WT_Pennable.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT1.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



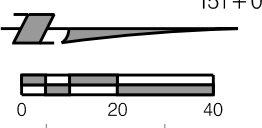
DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226			
NO.	STATION	OFFSET	DESCRIPTION
1	145+05.66	29.00' RT.	1 - 8" SOLID SLEEVE (L=18"), M.J. 2 - 8" RETAINER GLANDS, M.J.
2	145+07.41	29.00' RT.	1 - 8" x 6" TEE, M.J. 1 - 8" RETAINER GLANDS, M.J. 1 - 8" TEE BLOCK 1 - 8" ANCHOR COUPLING (L=13"), 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.

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.

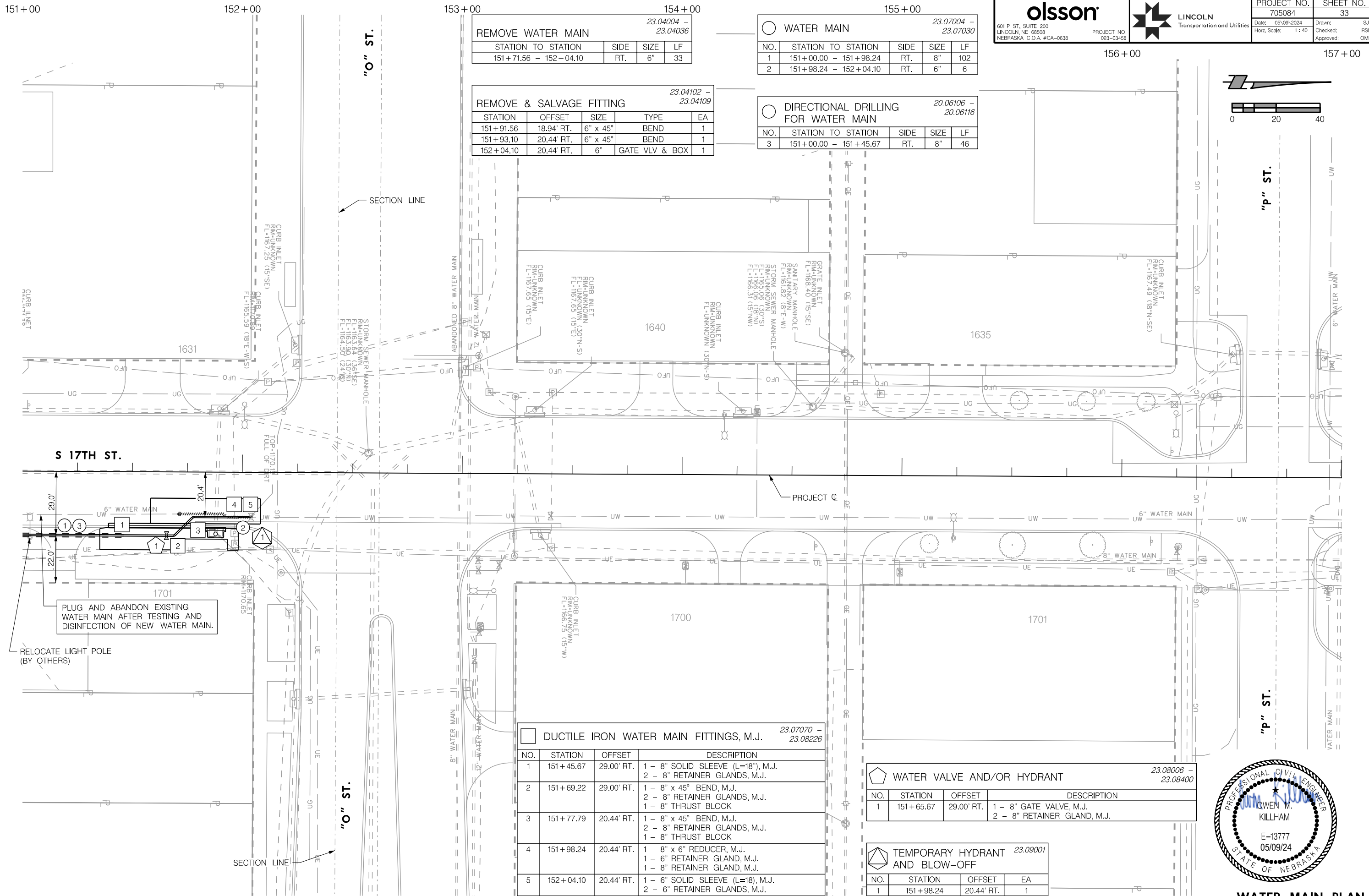


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 PEN: ...tables\cm\WT_Pennable.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT12.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

olsson LINCOLN Transportation and Utilities
 601 P. ST., SUITE 200 LINCOLN, NE 68508 PROJECT NO. 023-03458
 PROJECT NO. 705084 SHEET NO. 33
 Date: 05/09/2024 Drawn: SJP
 Horz. Scale: 1 : 40 Checked: RSM
 Approved: DMK



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

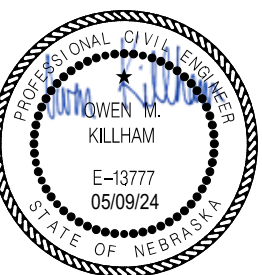
NO.	STATION	OFFSET	DESCRIPTION
1	151 + 45.67	29.00' RT.	1 - 8" SOLID SLEEVE (L=18"), M.J. 2 - 8" RETAINER GLANDS, M.J.
2	151 + 69.22	29.00' RT.	1 - 8" x 45° BEND, M.J. 2 - 8" RETAINER GLANDS, M.J. 1 - 8" THRUST BLOCK
3	151 + 77.79	20.44' RT.	1 - 8" x 45° BEND, M.J. 2 - 8" RETAINER GLANDS, M.J. 1 - 8" 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



WATER MAIN PLAN
N 17TH STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\cm\WT_Pennable.tbl
 USER: spckus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT13.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

23.04004 - 23.04036
REMOVE WATER MAIN

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

23.04102 - 23.04109
REMOVE & SALVAGE FITTING

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

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

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.

23.07004 - 23.07030
WATER MAIN

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

20.06106 - 20.06116
DIRECTIONAL DRILLING FOR WATER MAIN

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

23.10001
TEMPORARY HYDRANT AND BLOW-OFF

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

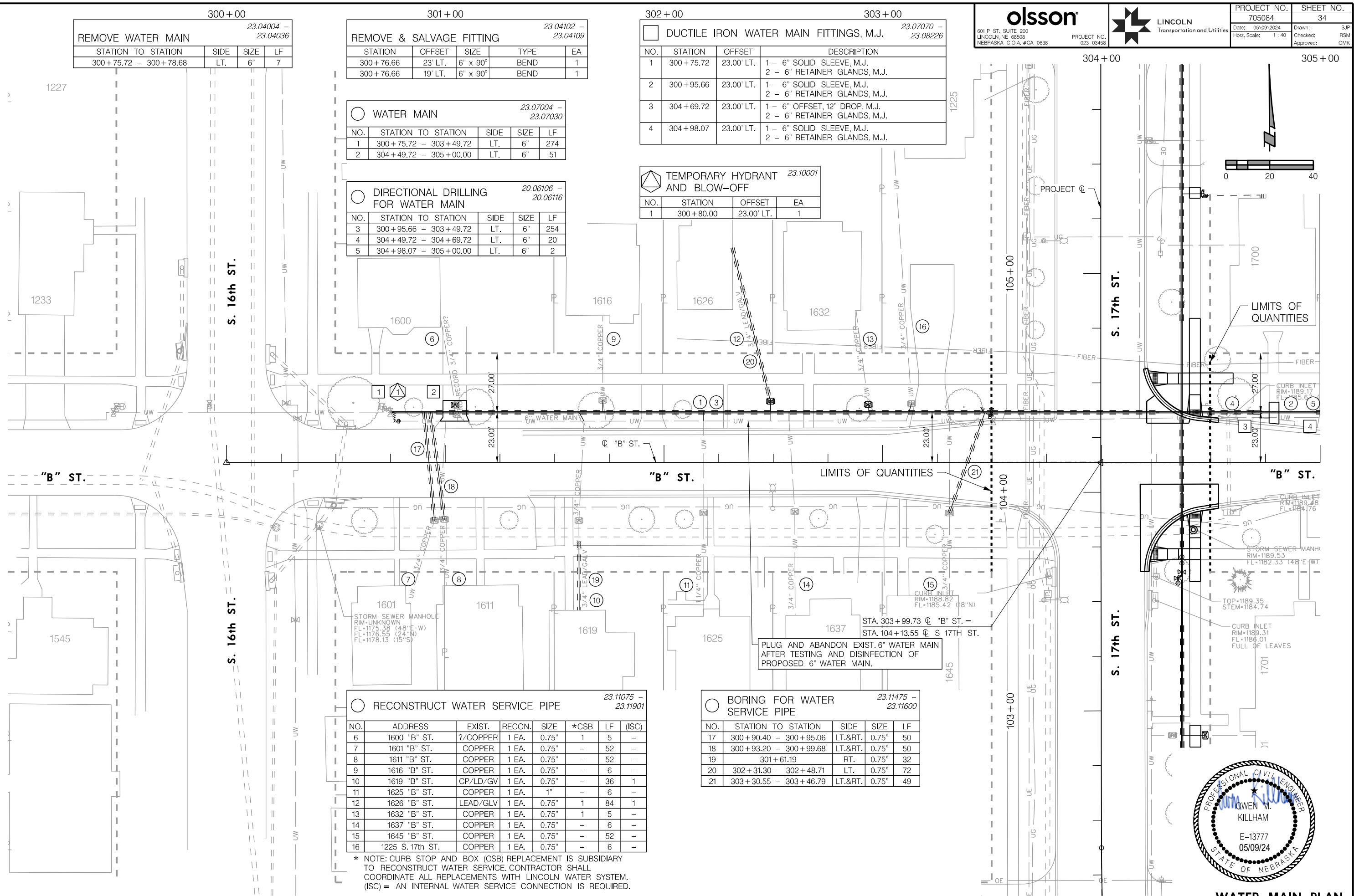
23.11075 - 23.11901
RECONSTRUCT WATER SERVICE PIPE

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	-

23.11475 - 23.11600
BORING FOR WATER SERVICE PIPE

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

* 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 MAIN PLAN
 "B" STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\pen\WT_Pennable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\WT14.dgn

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

305+00 306+00

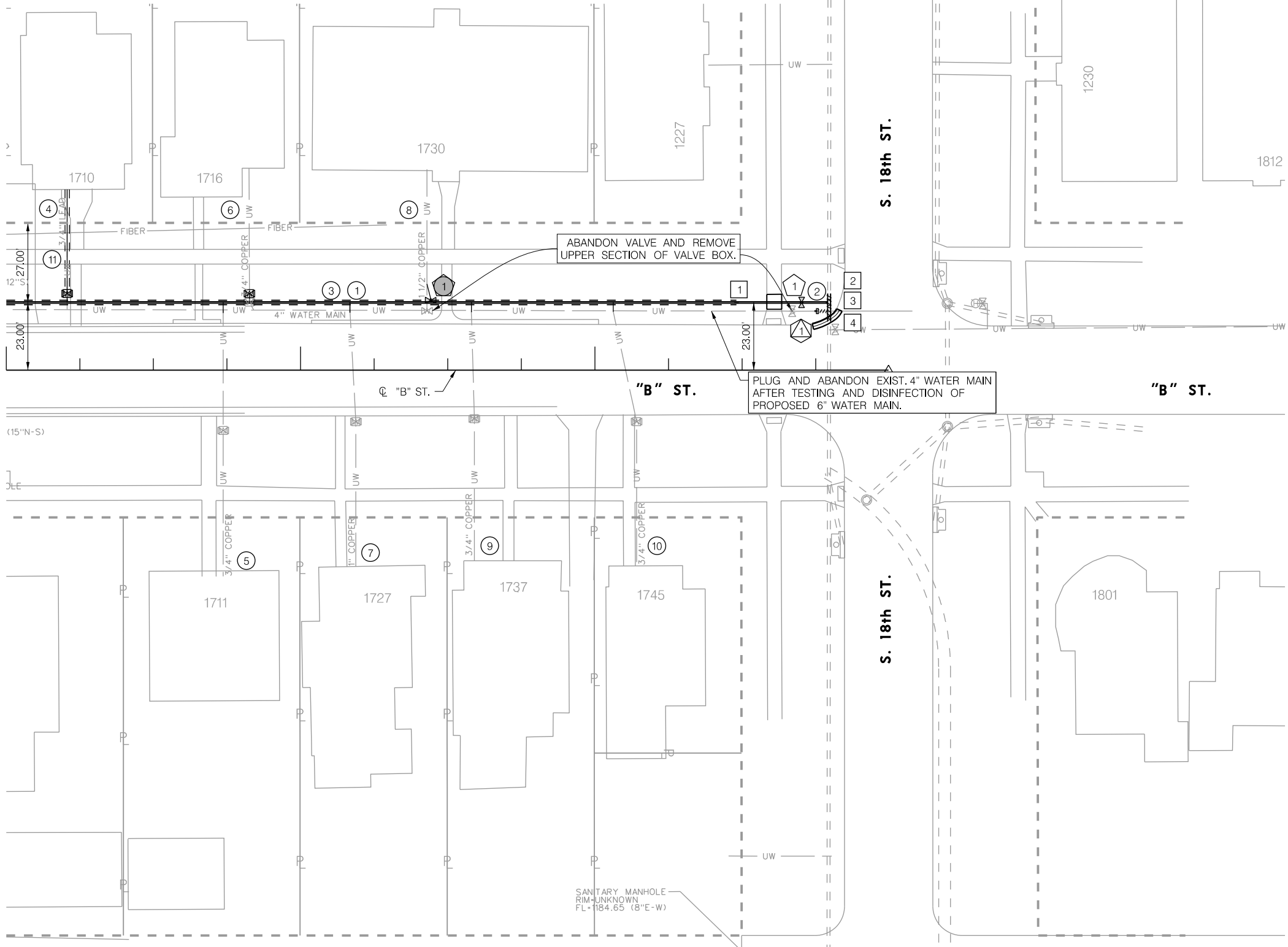
RECONSTRUCT WATER SERVICE PIPE							
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
4	1710 "B" ST.	LEAD	1 EA.	0.75"	1	38	1
5	1711 "B" ST.	COPPER	1 EA.	0.75"	-	5	-
6	1716 "B" ST.	COPPER	1 EA.	0.75"	1	5	-
7	1727 "B" ST.	COPPER	1 EA.	1"	-	5	-
8	1730 "B" ST.	COPPER	1 EA.	1.50"	-	6	-
9	1737 "B" ST.	COPPER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

307+00

BORING FOR WATER SERVICE PIPE				
NO.	STATION TO STATION	SIDE	SIZE	LF
11	305+20.70	LT.	0.75"	34

TEMPORARY HYDRANT AND BLOW-OFF			
NO.	STATION	OFFSET	EA
1	307+75.00	23.00' LT.	1



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

REMOVE WATER MAIN				
STATION TO STATION	SIDE	SIZE	LF	
307+75.56 - 307+79.56	LT.	4"	4	
307+79.56	LT.	12"	9	

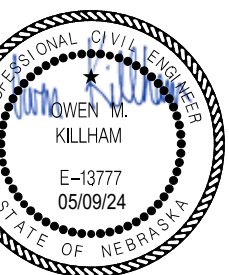
REMOVE & SALVAGE FITTING				
STATION	OFFSET	SIZE	TYPE	EA
307+79.56	20' LT.	12" x 4"	CROSS	1

DUCTILE IRON WATER MAIN FITTINGS, M.J.				
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				
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.



WATER MAIN PLAN
"B" STREET

PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\cm\WF_Pennable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...Water Main\705084\MT15.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

400+00

23.04004 - 23.04036

REMOVE WATER MAIN

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

401+00

23.04102 - 23.04109

REMOVE & SALVAGE FITTING

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

402+00 403+00

23.07070 - 23.08226

DUCTILE IRON WATER MAIN FITTINGS, M.J.

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.

23.07004 - 23.07030

WATER MAIN

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

20.06106 - 20.06116

DIRECTIONAL DRILLING FOR WATER MAIN

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

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.

PLUG AND ABANDON EXIST. 6" WATER MAIN AFTER TESTING AND DISINFECTION OF PROPOSED 6" WATER MAIN.

23.11075 - 23.11901

RECONSTRUCT WATER SERVICE PIPE

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.

23.11475 - 23.11600

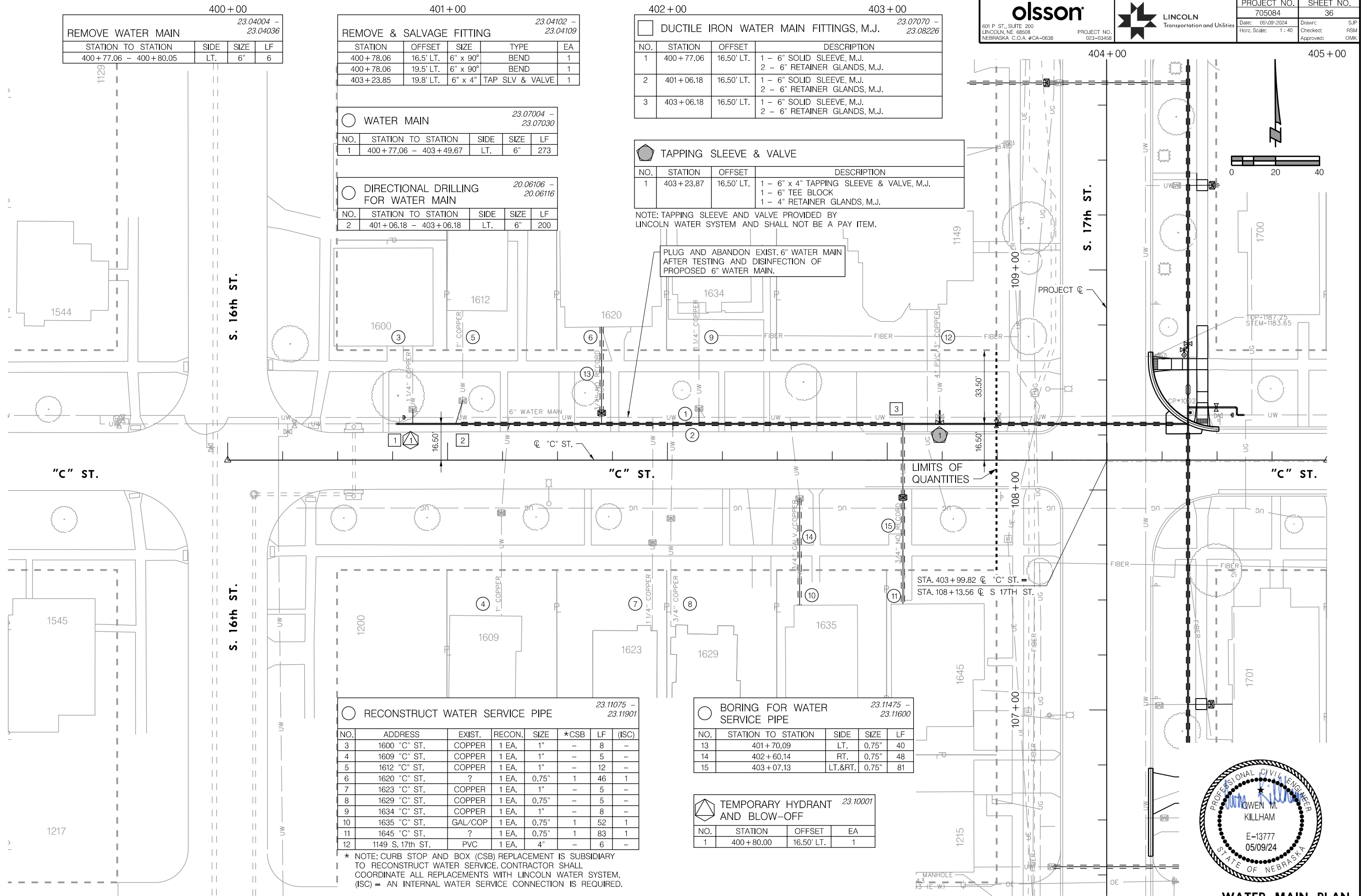
BORING FOR WATER SERVICE PIPE

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

23.10001

TEMPORARY HYDRANT AND BLOW-OFF

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



WATER MAIN PLAN
"C" STREET

PROJ: FDWY_023-03469_Lincoln_17th_Street_Water_Replacement.dwg
 PEN: ...tables\pen\WF_Pennable.tbl
 USER: spkibus
 DATE: 05/09/2024
 DGN: ...Water_Main\705084\WT16.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

500+00				
REMOVE WATER MAIN 23.04004 - 23.04036				
STATION TO STATION	SIDE	SIZE	LF	
500+67.84 - 500+70.84	LT.	6"	6	

501+00				
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

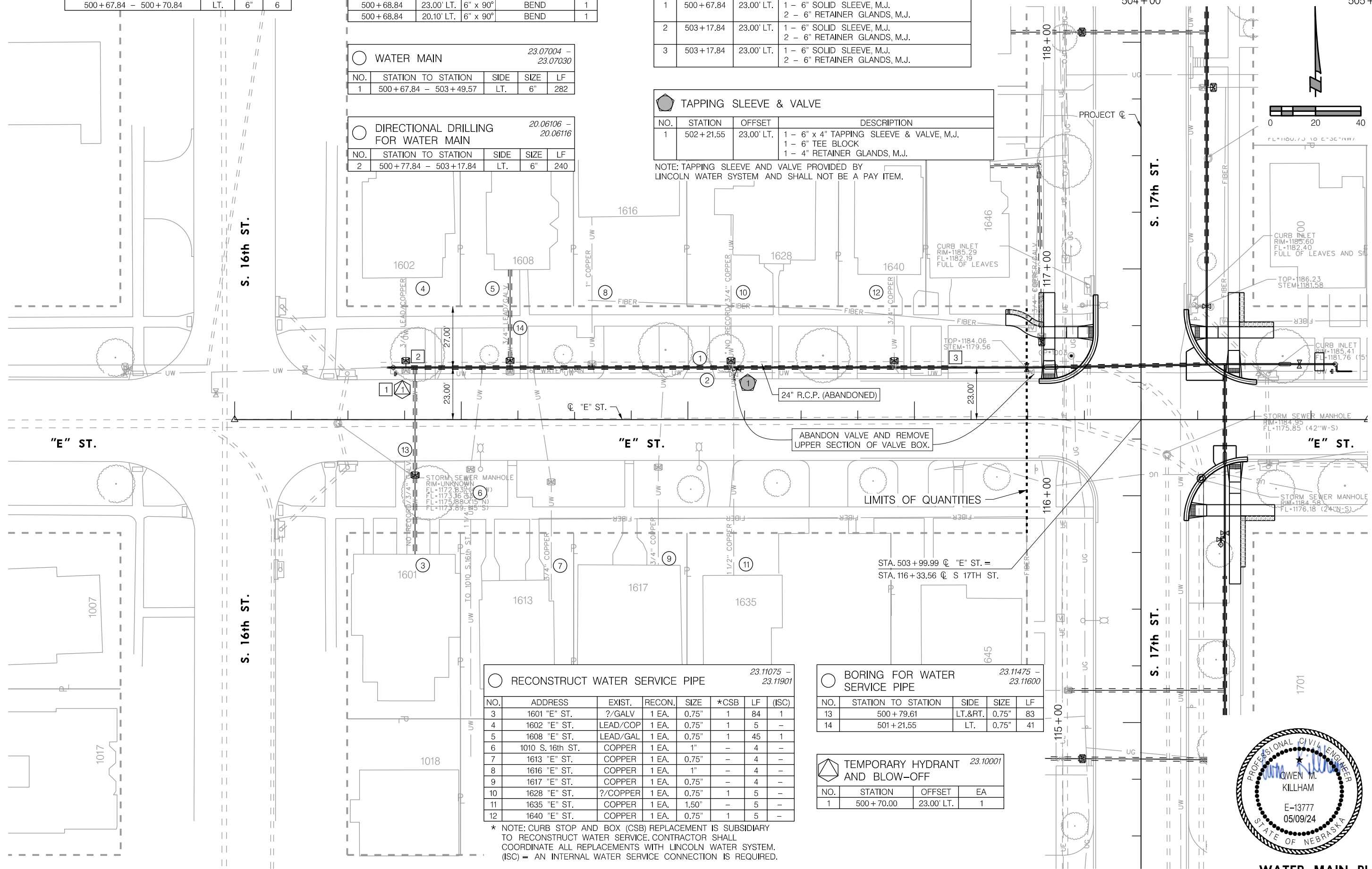
502+00				
DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226				
NO.	STATION	OFFSET	DESCRIPTION	
1	500+67.84	23.00' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
2	503+17.84	23.00' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
3	503+17.84	23.00' LT.	1 - 6" SOLID SLEEVE, 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 23.07004 - 23.07030				
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	-

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

* 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 MAIN PLAN
"E" STREET

PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.cdg
 PEN: ...\\adles\pen\WT_Penable.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...\\Water Main\705084\WT17.DGN

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

S 17TH ST.

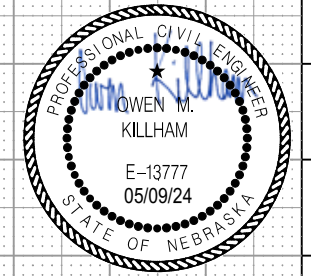
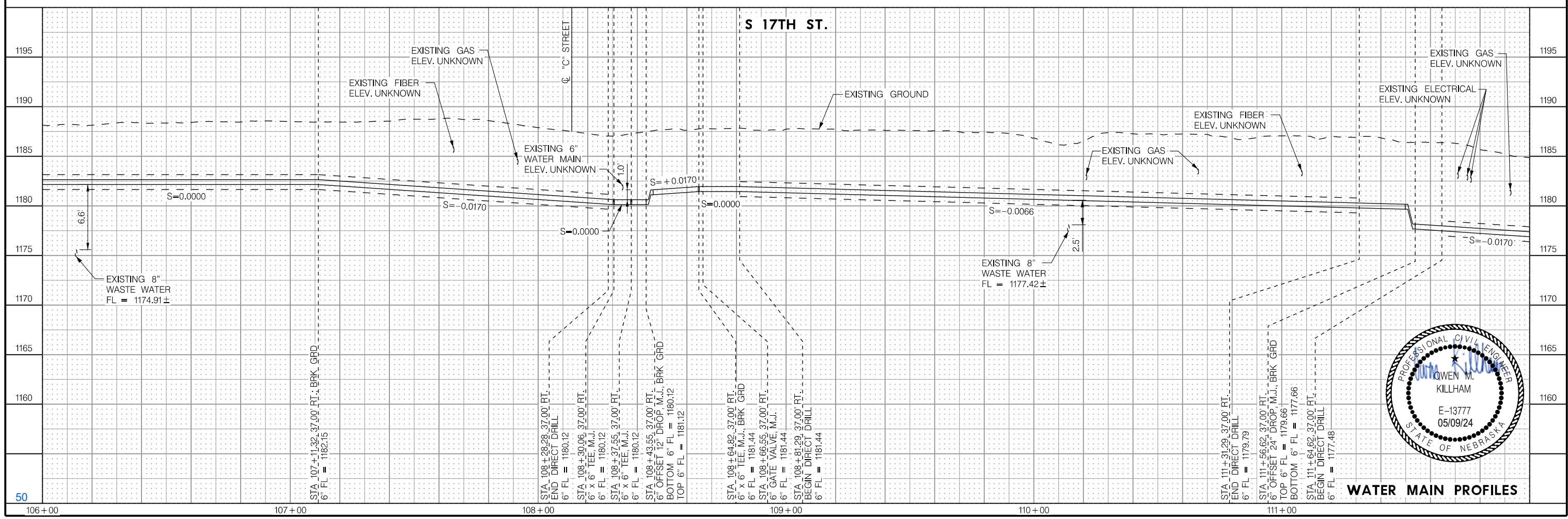
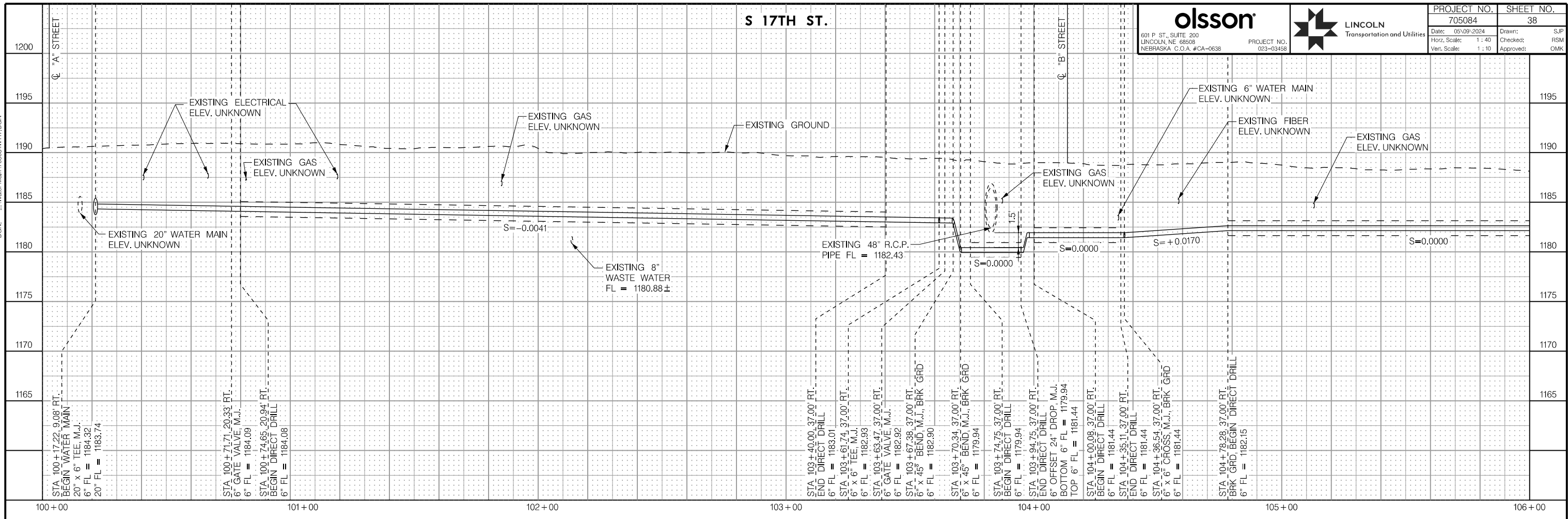
olsson
 601 P. ST., SUITE 200
 LINCOLN, NE 68508
 NEBRASKA, C.O.A. #CA-0638

LINCOLN
 Transportation and Utilities

PROJECT NO. 705084
 SHEET NO. 38

Date: 05/09/2024
 Horz. Scale: 1 : 40
 Vert. Scale: 1 : 10

Drawn: SJP
 Checked: RSM
 Approved: DMK



WATER MAIN PROFILES

PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.cdw
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 USER: spickus
 DATE: 05/09/2024
 DGN: ...Water Main_705084\WT17.DGN

On 05/24/24

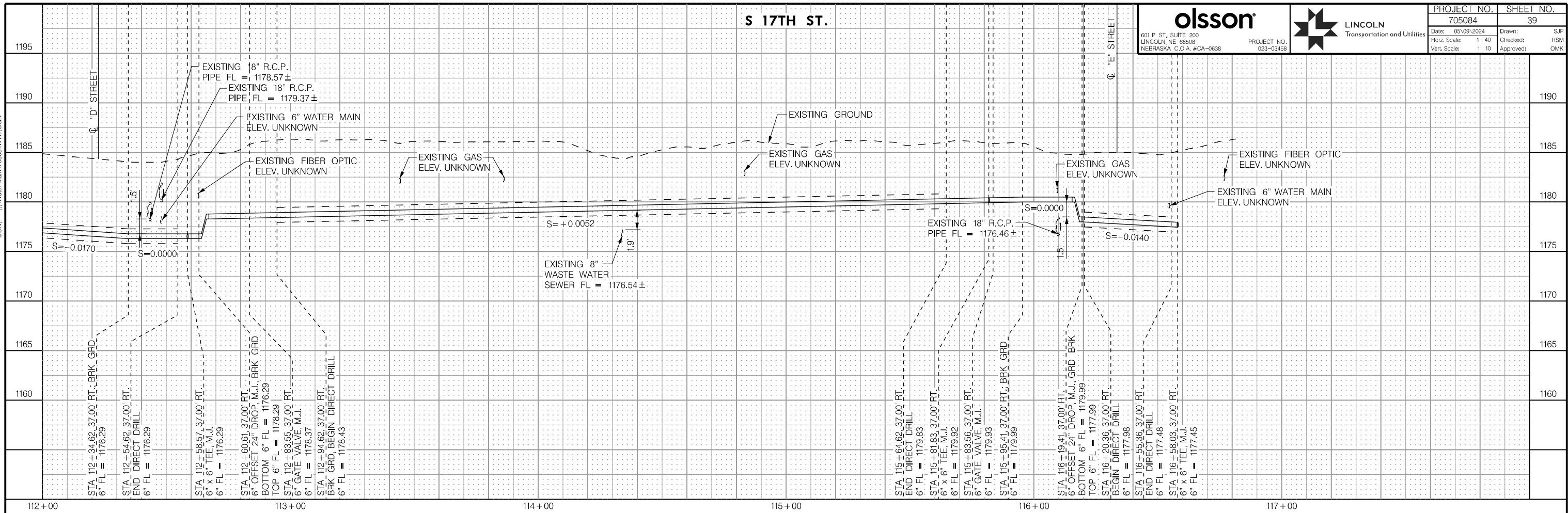
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

S 17TH ST.

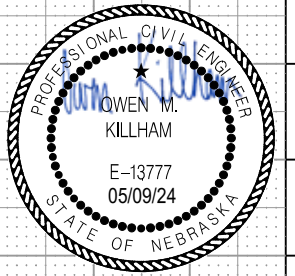
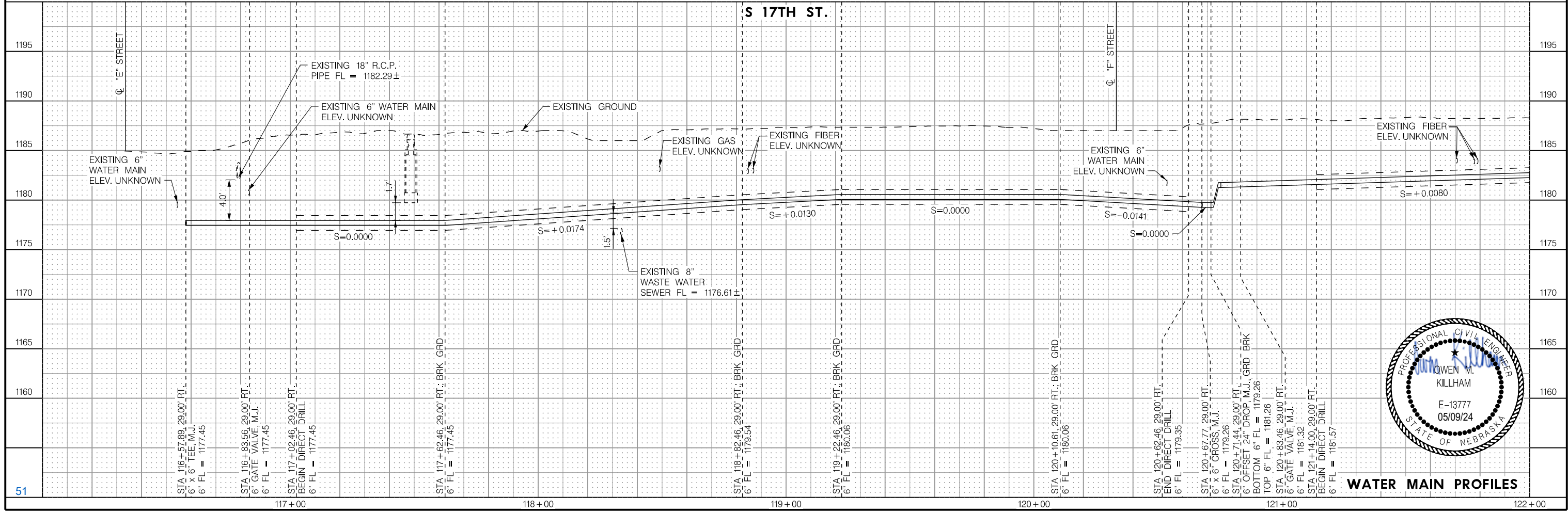
olsson
 601 P ST., SUITE 200
 LINCOLN, NE 68508
 NEBRASKA, C.O.A. #CA-0638

LINCOLN
 Transportation and Utilities

PROJECT NO. 705084	SHEET NO. 39
Date: 05/09/2024	Drawn: SJP
Horz. Scale: 1 : 40	Checked: RSM
Vert. Scale: 1 : 10	Approved: DMK



S 17TH ST.



WATER MAIN PROFILES

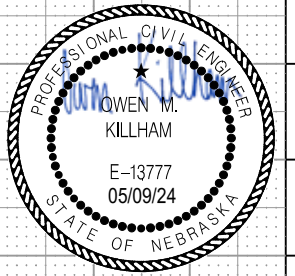
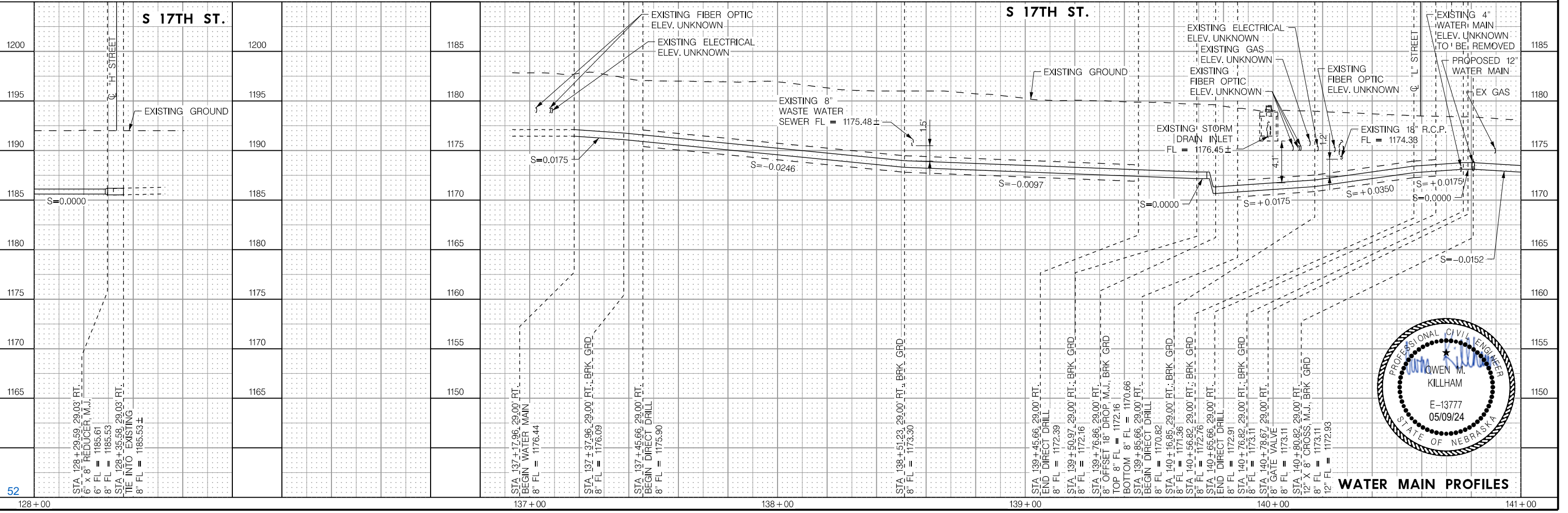
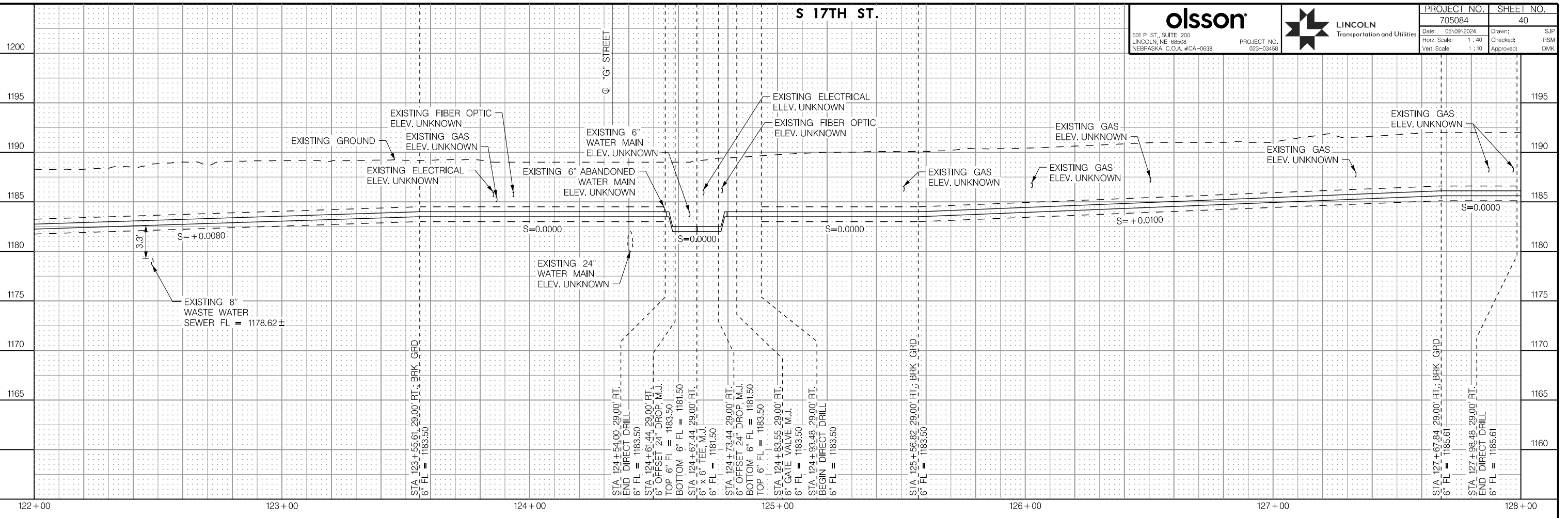
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PEN: ...\\adles\pen\WT_Pennable.tbl
USER: spickus
DATE: 05/09/2024
DCN: ...\\Water Main\705084\W17.DGN

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

S 17TH ST.

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



WATER MAIN PROFILES

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 USER: spickus
 DATE: 05/09/2024
 DGN: ...Water Main_705084\WT17.DGN

On 05/24/24

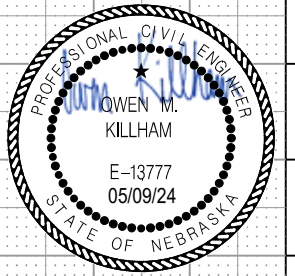
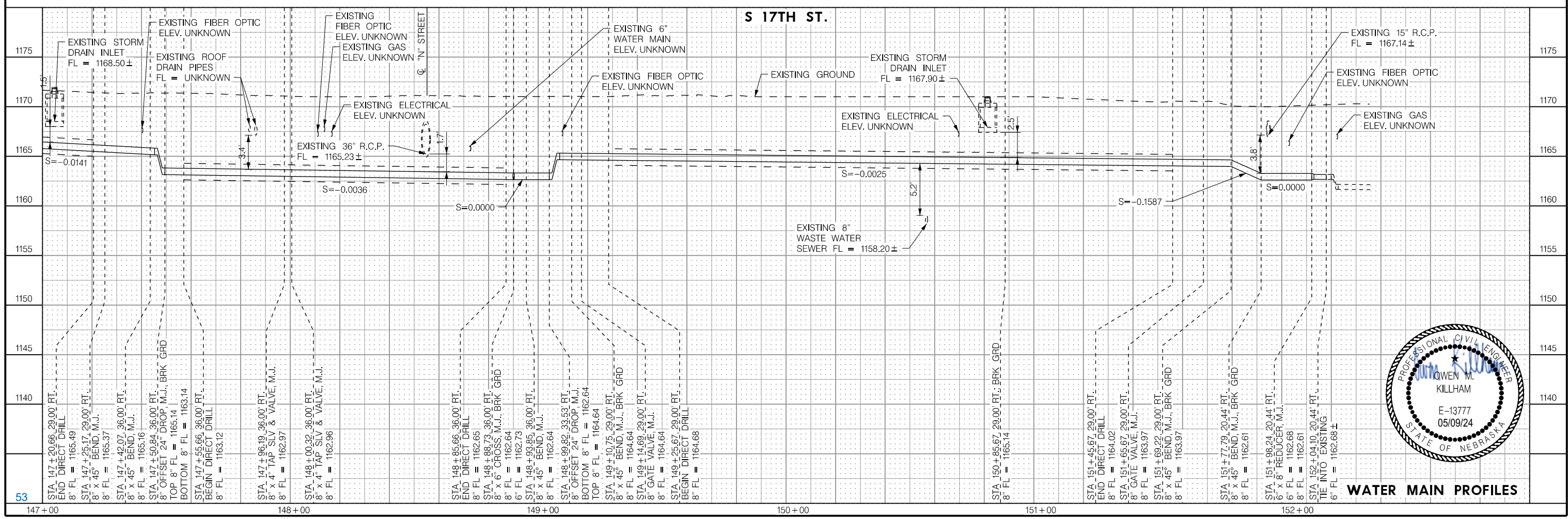
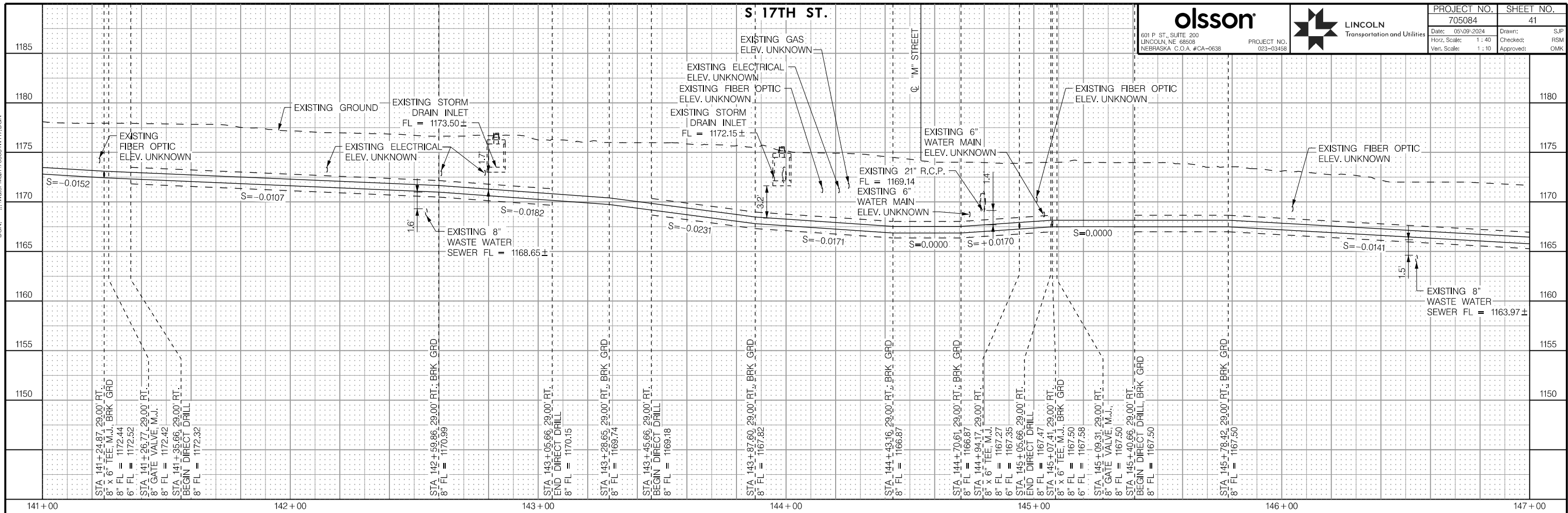
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



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



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



WATER MAIN PROFILES

PROJ: FDWY_023-03458 Lincoln 17th Street Water Replacement.cdw
 PEN: ...\\adles\pen\WT_Penable.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...\\Water Main\705084\WT17.DGN

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



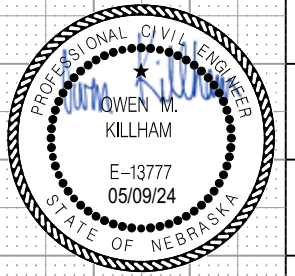
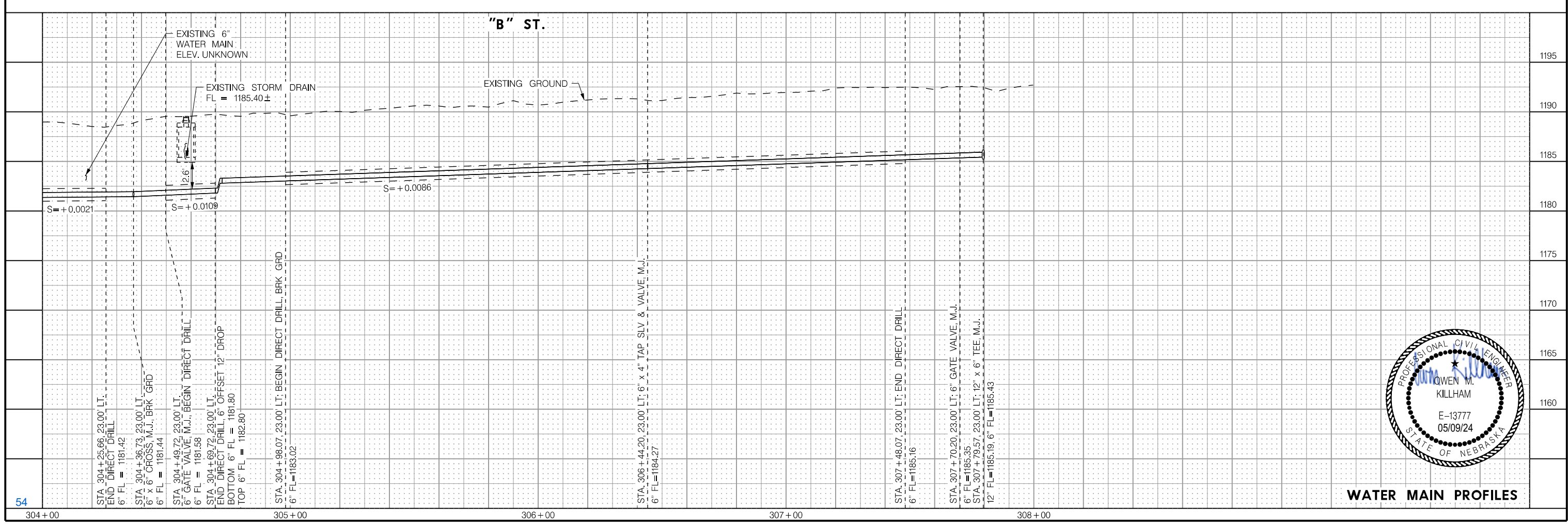
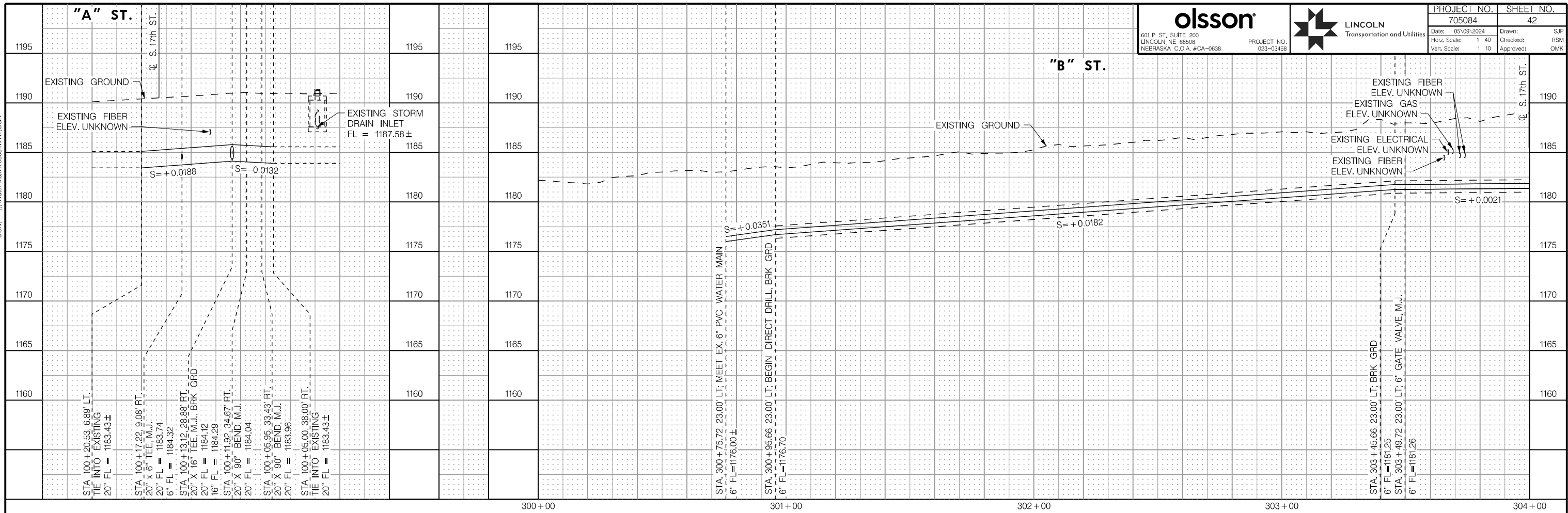
601 P. ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA, C.O.A. #CA-0638



PROJECT NO. 705084
DATE: 05/09/2024
Horz. Scale: 1 : 40
Vert. Scale: 1 : 10

SHEET NO. 42

Drawn: SJP
Checked: RSM
Approved: DMK



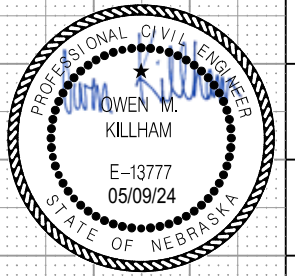
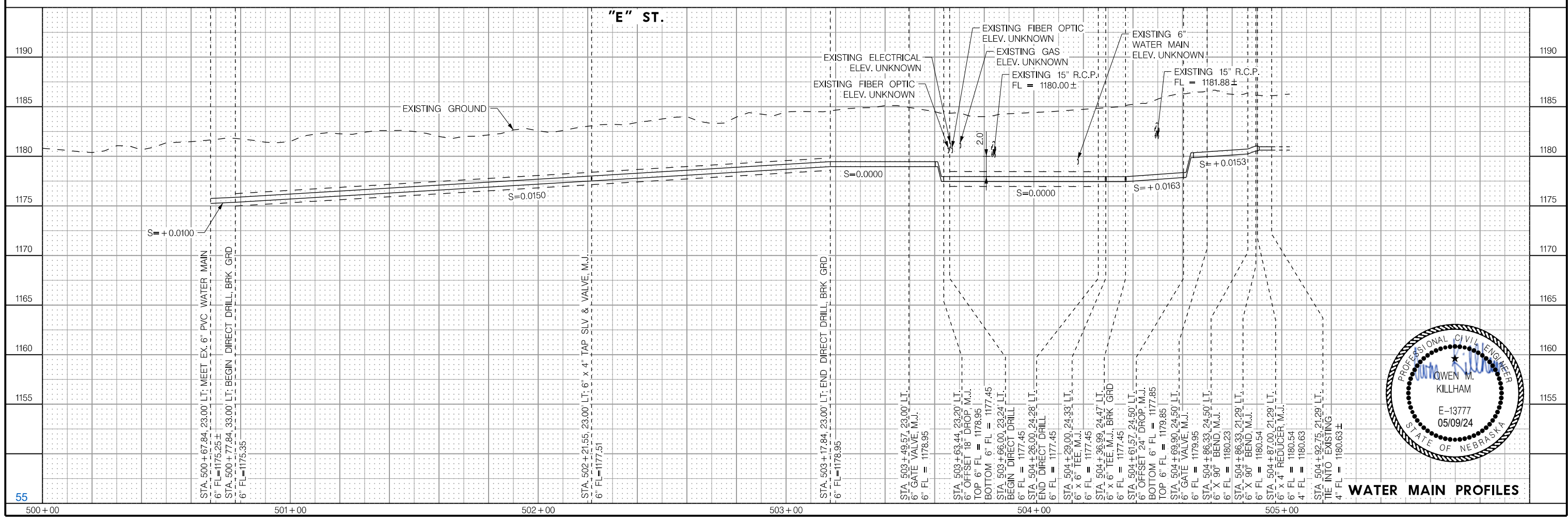
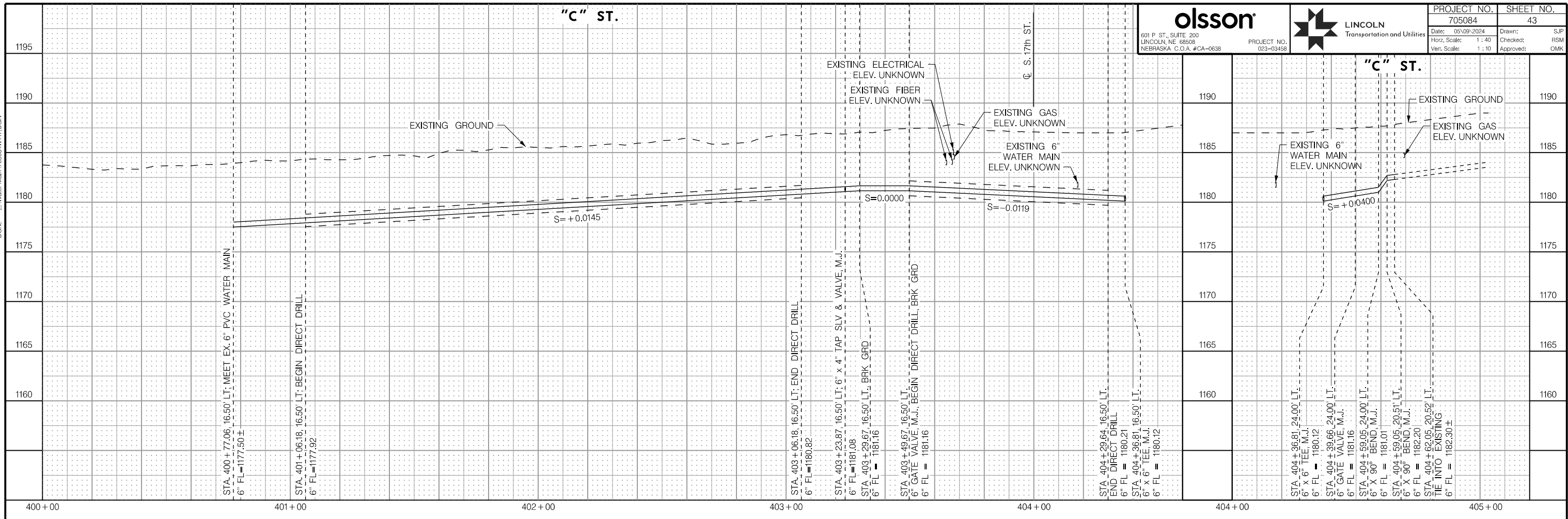
WATER MAIN PROFILES

PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.cdw
 PEN: ...\\adles\pen\WT_Penable.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...\\Water Main\705084\WT17.DGN

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

		PROJECT NO.	SHEET NO.
		705084	43
601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638		PROJECT NO. 023-03458	Drawn: SJP Checked: RSM Approved: DMK
Date: 05/09/2024 Horz. Scale: 1 : 40 Vert. Scale: 1 : 10			



WATER MAIN PROFILES

PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.dgn
 USER: spickus
 DATE: 05/09/2024
 DGN: ...Water Main_705084WT17.DGN

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

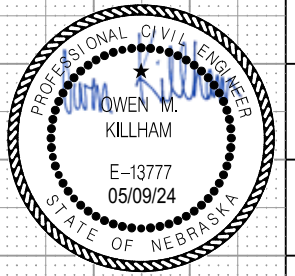
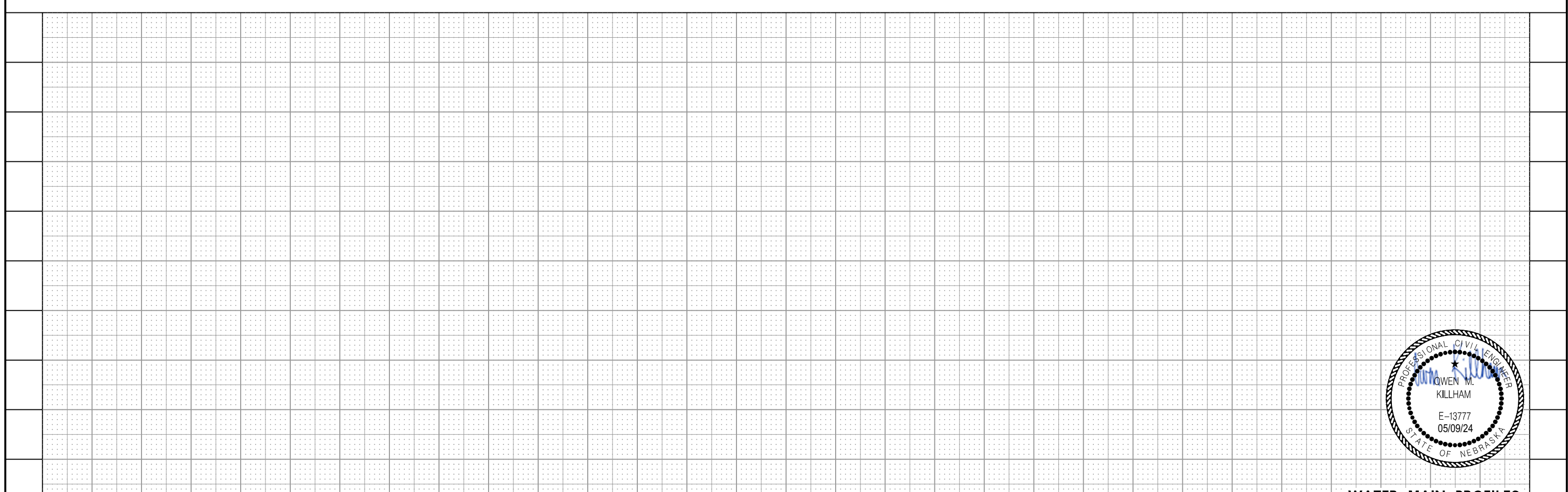
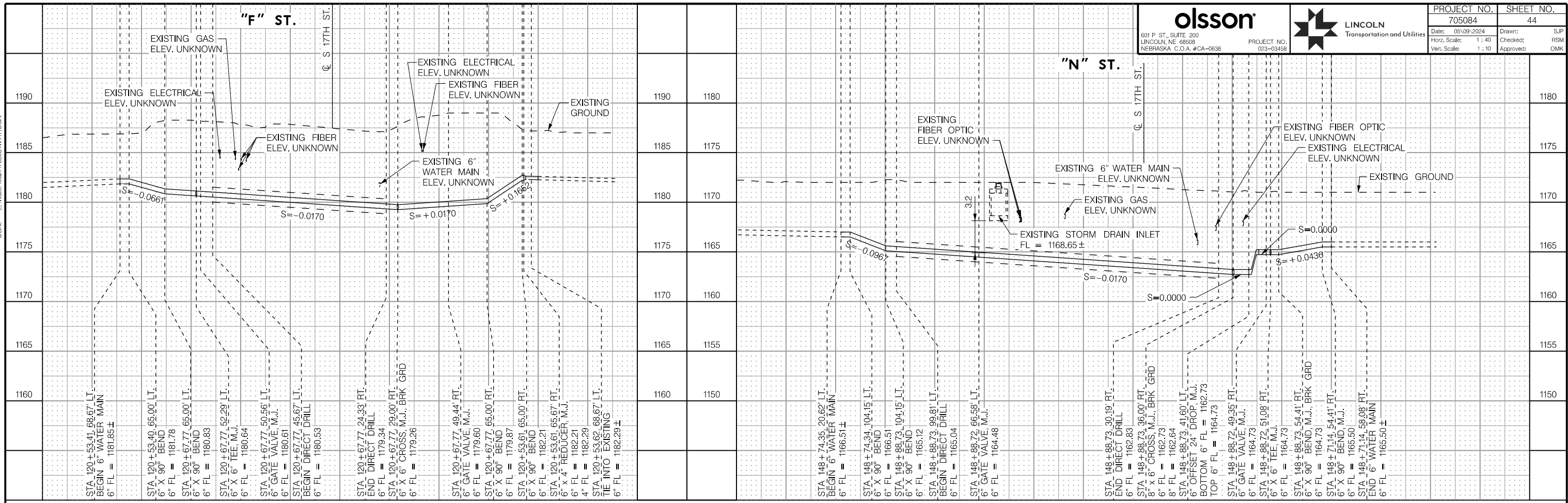


601 P ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA, C.O.A. #CA-0638



LINCOLN
Transportation and Utilities

PROJECT NO.	705084	SHEET NO.	44
Date:	05/09/2024	Drawn:	SJP
Horz. Scale:	1 : 40	Checked:	RSM
Vert. Scale:	1 : 10	Approved:	OMK



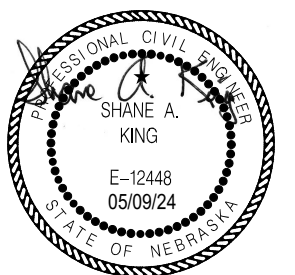
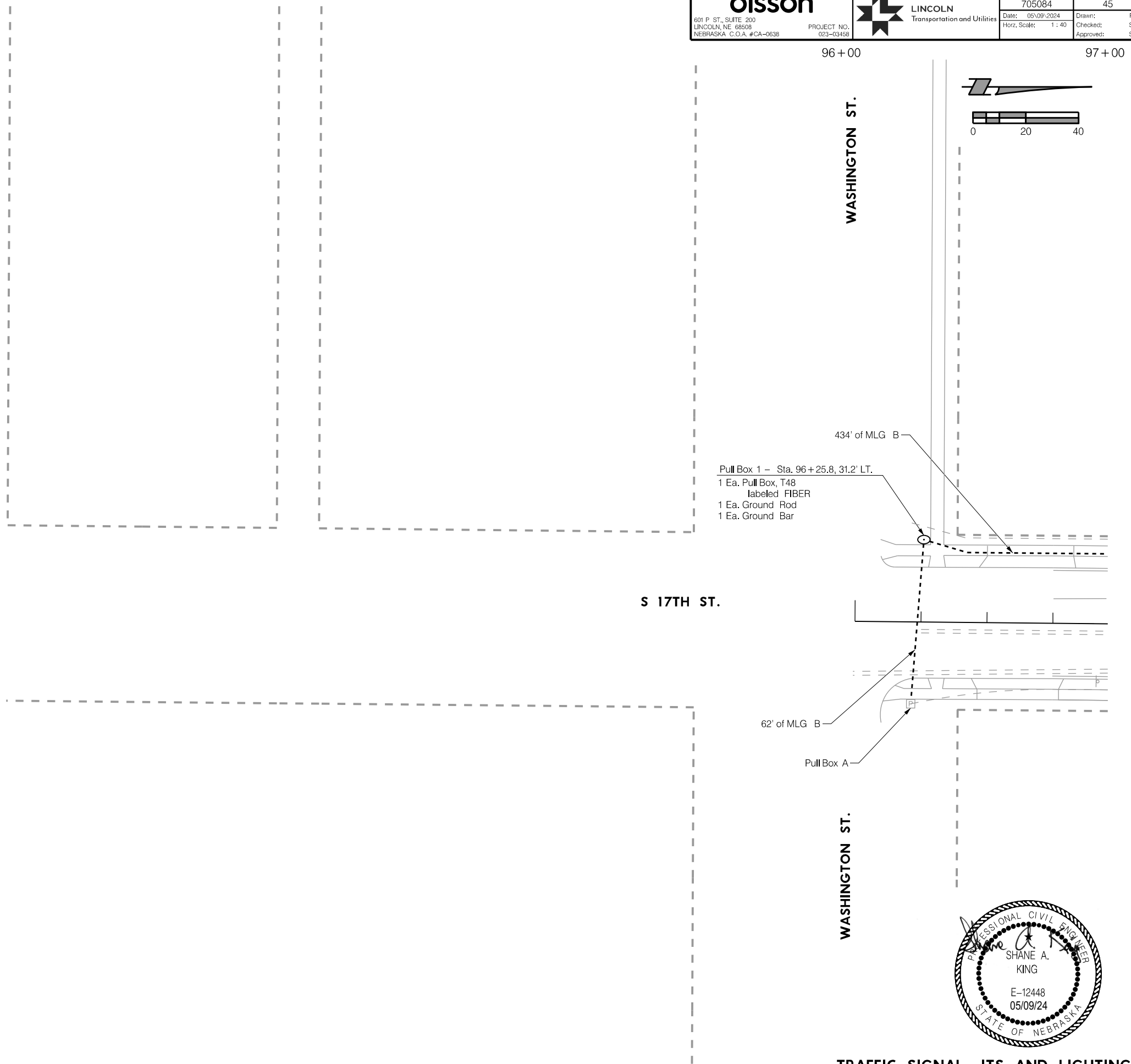
WATER MAIN PROFILES

PROJ: FDWY_023-03458_Lincoln_17th_Street_Water_Replacement.dwg
PEN: ...\\ables\cm\NS_penable.tbl
USER: spickus
DATE: 05/09/2024
DGN: ...705084TS01.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge

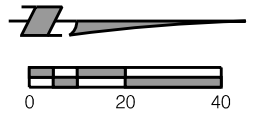
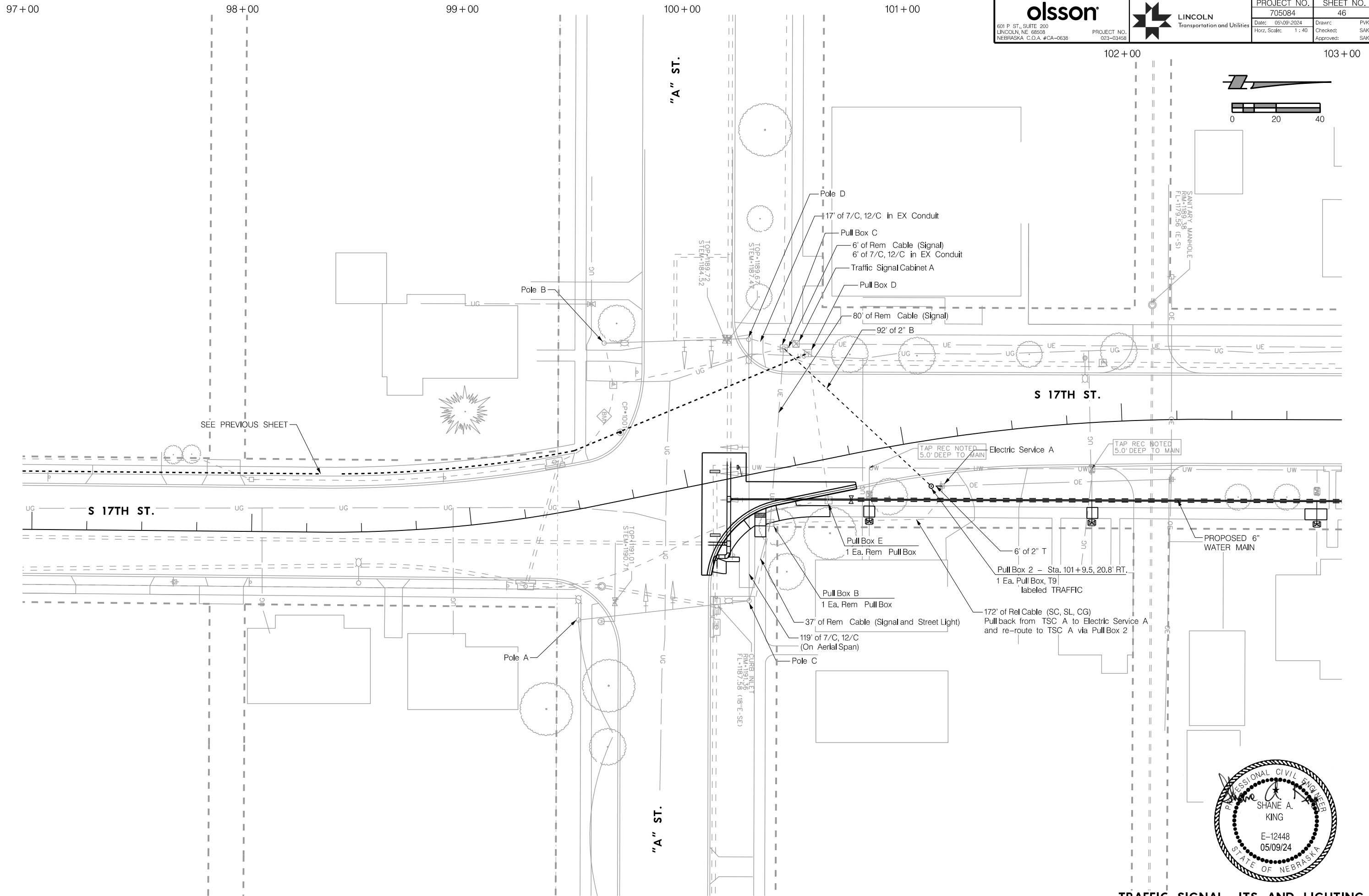
olsson 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	PROJECT NO. 023-03458		PROJECT NO. 705084	SHEET NO. 45
			Date: 05/09/2024 Horz. Scale: 1 : 40	Drawn: PJK Checked: SAK Approved: SAK



PROJ: FDWY_023-03468_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\cm\NS_penable.tbl
 USER: spkukus
 DATE: 05/09/2024
 DGN: ...705084TS02.dgn

On 05/24/24

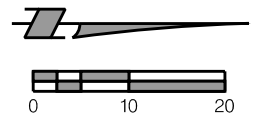
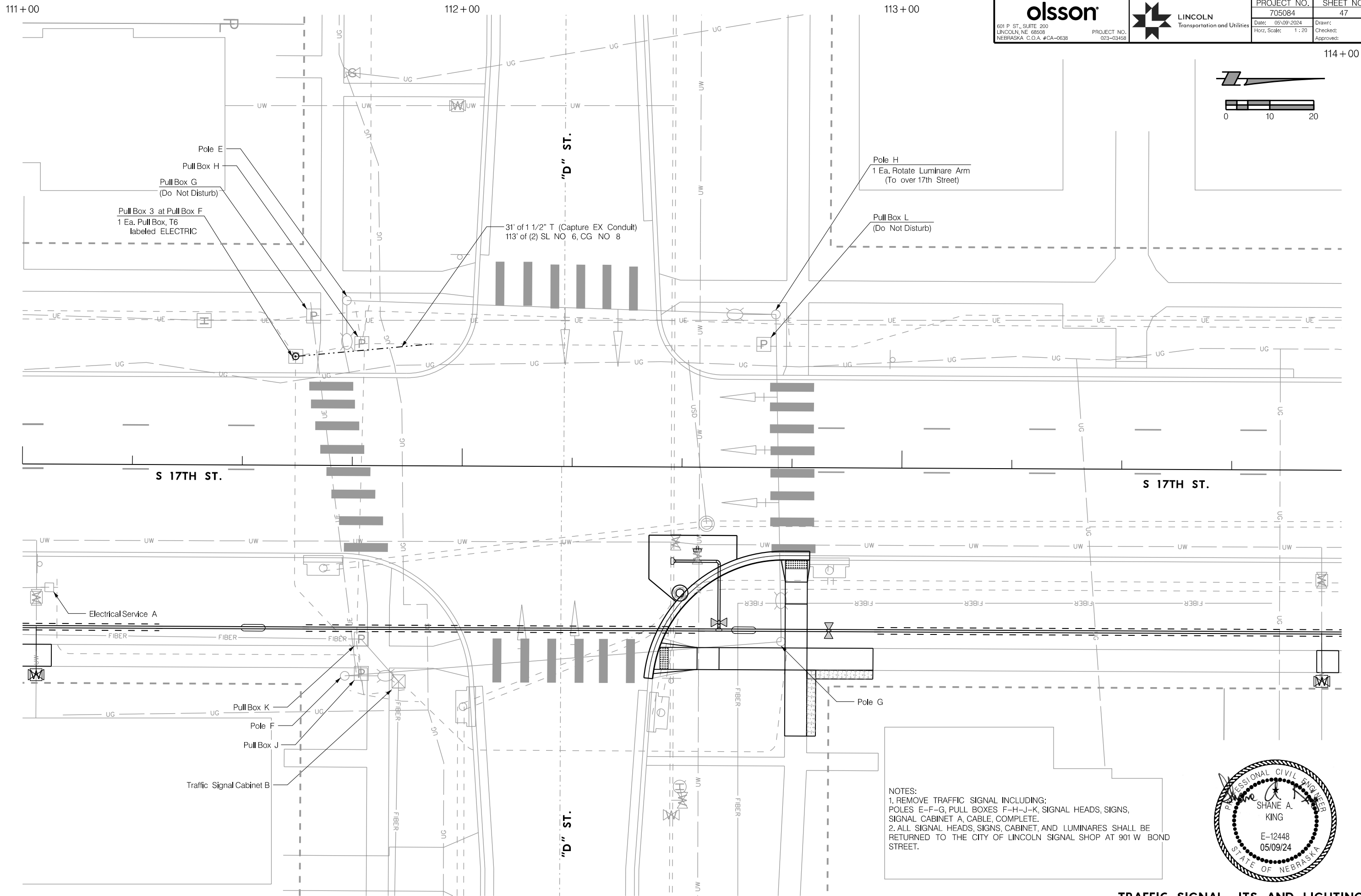
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



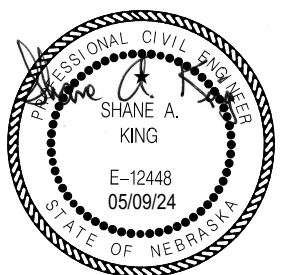
PROJ: FDWY_023-03469_Lincoln 17th Street Water Replacement.dwg
 PEN: ...tables\cm\NS_penable.tbl
 USER: spkhus
 DATE: 05/09/2024
 DGN: ...705084TS03.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



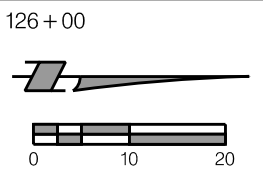
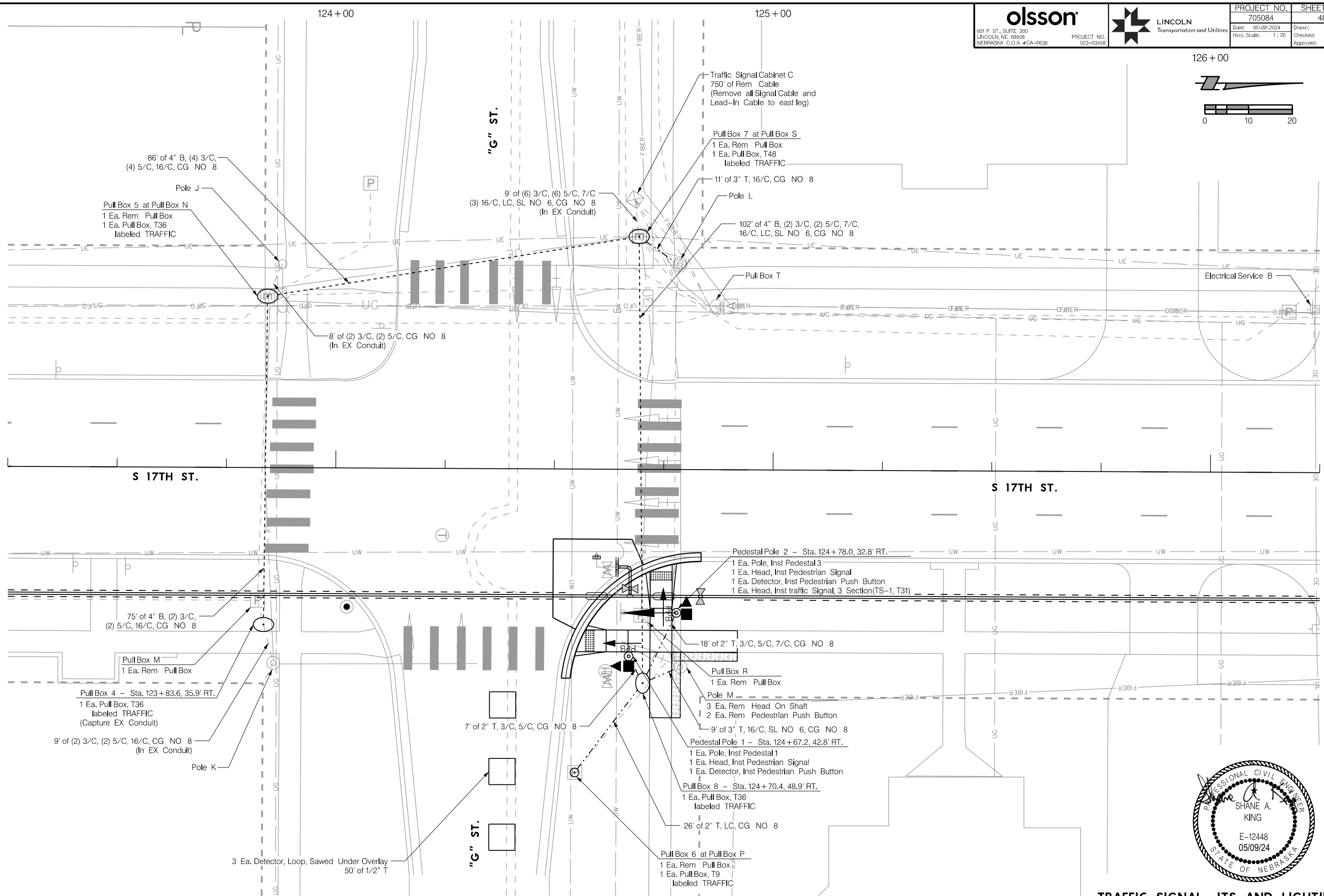
NOTES:
 1. REMOVE TRAFFIC SIGNAL INCLUDING:
 POLES E-F-G, PULL BOXES F-H-J-K, SIGNAL HEADS, SIGNS,
 SIGNAL CABINET A, CABLE, COMPLETE.
 2. ALL SIGNAL HEADS, SIGNS, CABINET, AND LUMINAIRES SHALL BE
 RETURNED TO THE CITY OF LINCOLN SIGNAL SHOP AT 901 W BOND
 STREET.



PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.dwg
 USER: spickus
 DATE: 05/09/2024
 DGN: ...705084TS04.dgn

On 05/24/24

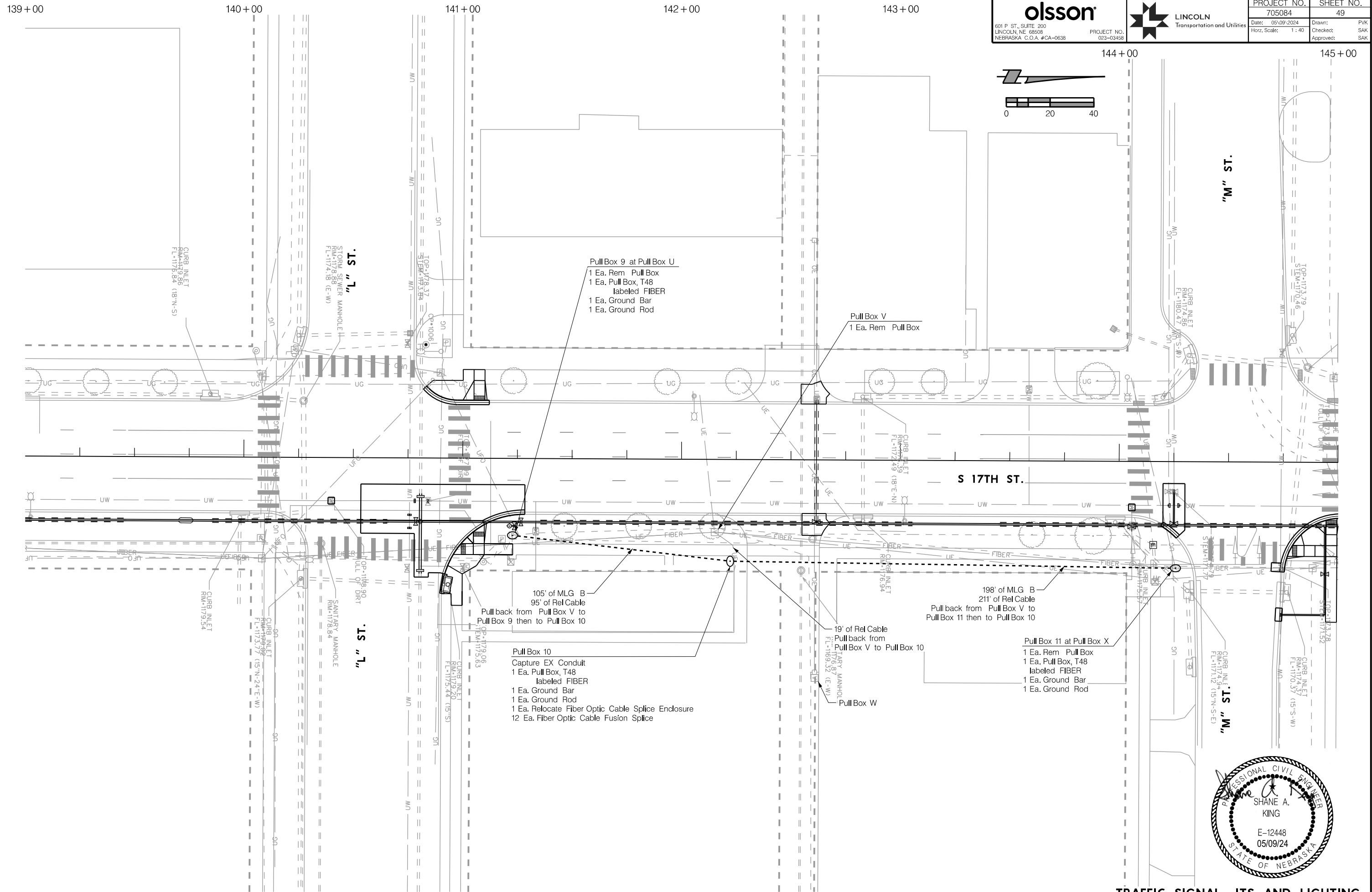
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



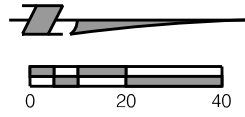
PROJ: FDWY_023-03468_Lincoln 17th Street Water Replacement.cdg
 PEN: ...tables\cm\NS_penable.tbl
 USER: spakus
 DATE: 05/09/2024
 DGN: ...705084TS05.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



olsson 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	PROJECT NO. 023-03458		PROJECT NO.	SHEET NO.
			705084	49
			Date: 05/09/2024	Drawn: PJK
			Checked: SAK	
			Approved: SAK	



- Pull Box 9 at Pull Box U**
- 1 Ea. Rem Pull Box
 - 1 Ea. Pull Box, T48 labeled FIBER
 - 1 Ea. Ground Bar
 - 1 Ea. Ground Rod

- Pull Box V**
- 1 Ea. Rem Pull Box

- 105' of MLG B
 95' of Rel Cable
 Pull back from Pull Box V to Pull Box 9 then to Pull Box 10

- Pull Box 10**
- Capture EX Conduit
 - 1 Ea. Pull Box, T48 labeled FIBER
 - 1 Ea. Ground Bar
 - 1 Ea. Ground Rod
 - 1 Ea. Relocate Fiber Optic Cable Splice Enclosure
 - 12 Ea. Fiber Optic Cable Fusion Splice

- 198' of MLG B
 211' of Rel Cable
 Pull back from Pull Box V to Pull Box 11 then to Pull Box 10

- Pull Box 11 at Pull Box X**
- 1 Ea. Rem Pull Box
 - 1 Ea. Pull Box, T48 labeled FIBER
 - 1 Ea. Ground Bar
 - 1 Ea. Ground Rod

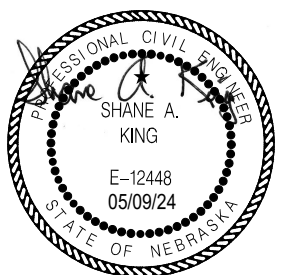
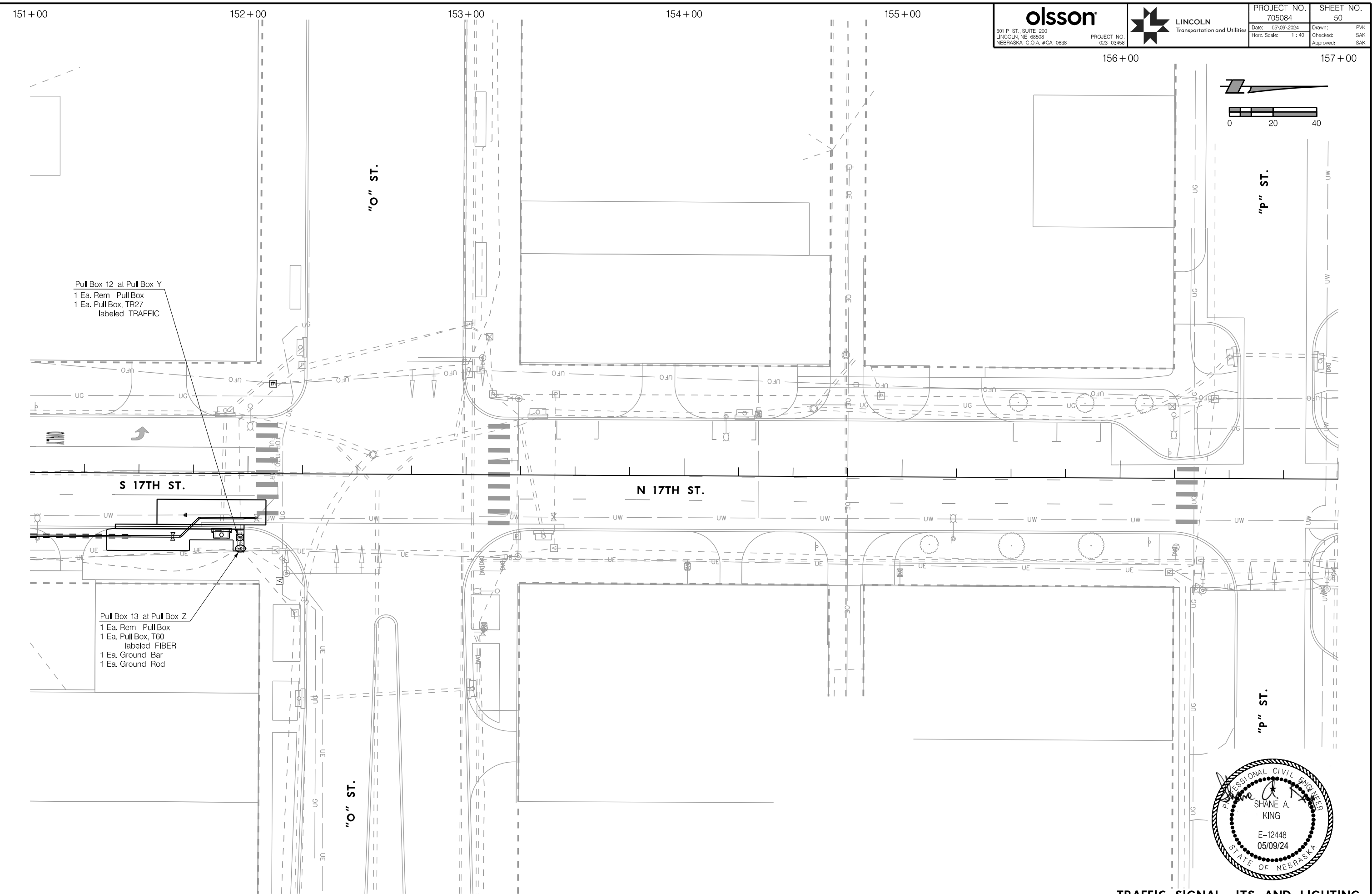


TRAFFIC SIGNAL, ITS AND LIGHTING
 S 17TH STREET

PROJ: FDWY_023-03458_Lincoln 17th Street Water Replacement.ctb
 PEN: ...tables\cm\NS_pentable.tbl
 USER: splcius
 DATE: 05/09/2024
 DGN: ...705084TS06.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



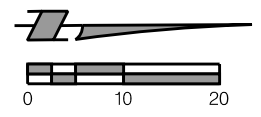
99+00

100+00

101+00

102+00

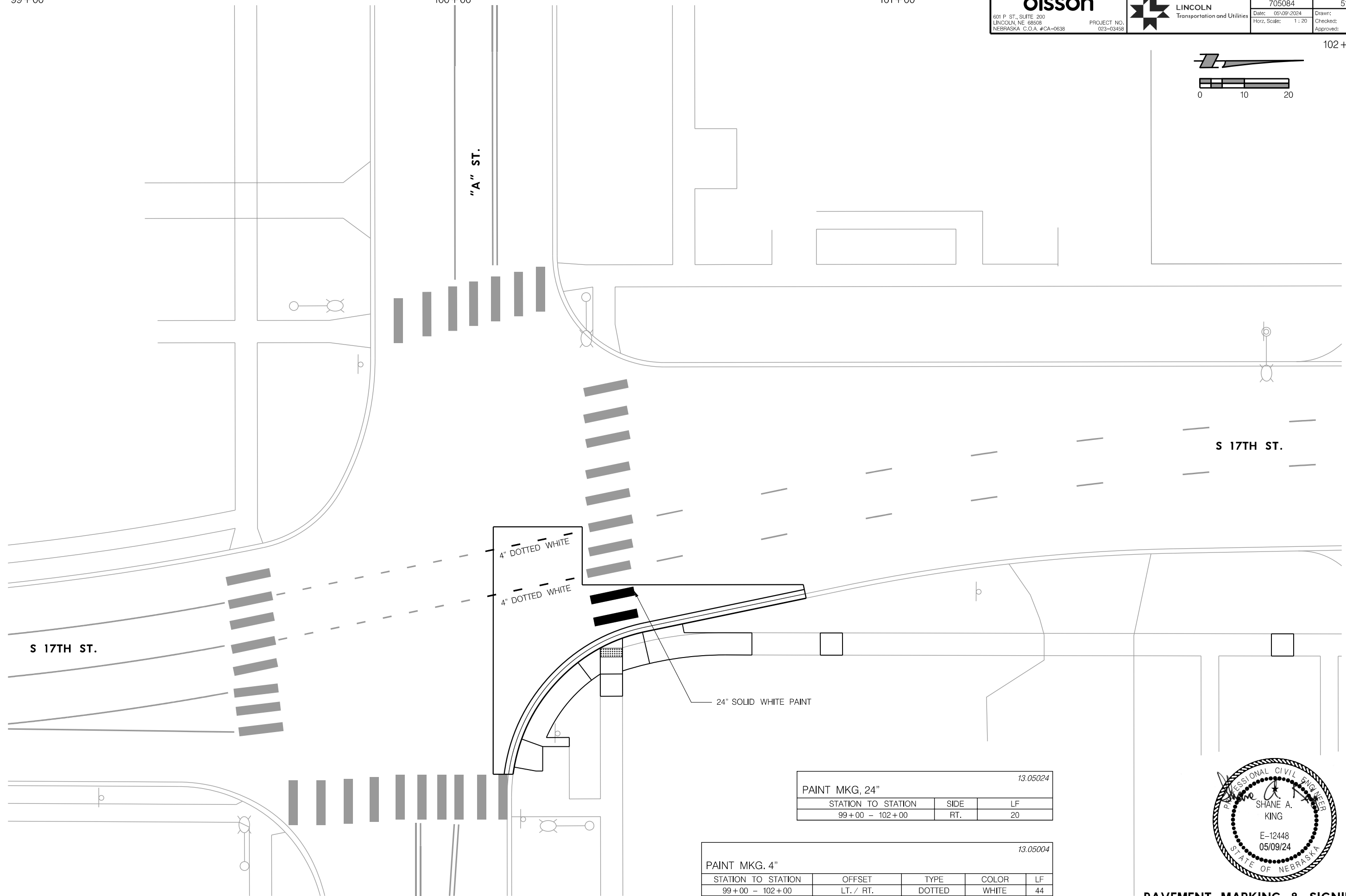
 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA, C.O.A. #CA-0638	 PROJECT NO. 023-03458	PROJECT NO.	SHEET NO.
		705084	51
		Date: 05/09/2024 Horz. Scale: 1 : 20	Drawn: PJK Checked: SAK Approved: SAK



PROJ: FDWY_023-03458_Lincoln_17th_Street_Water_Replacement.dwg
 PEN: ...:\tables\cm\PM_Penible.tbl
 USER: spickus
 DATE: 05/09/2024
 DGN: ...:\705084\PM01.dgn

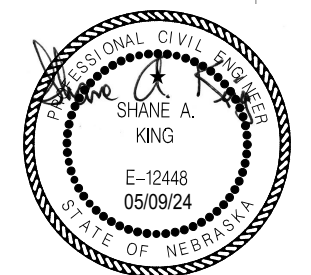
On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



PAINT MKG, 24"			13.05024
STATION TO STATION	SIDE	LF	
99+00 - 102+00	RT.	20	

PAINT MKG. 4"					13.05004
STATION TO STATION	OFFSET	TYPE	COLOR	LF	
99+00 - 102+00	LT./ RT.	DOTTED	WHITE	44	

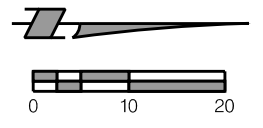
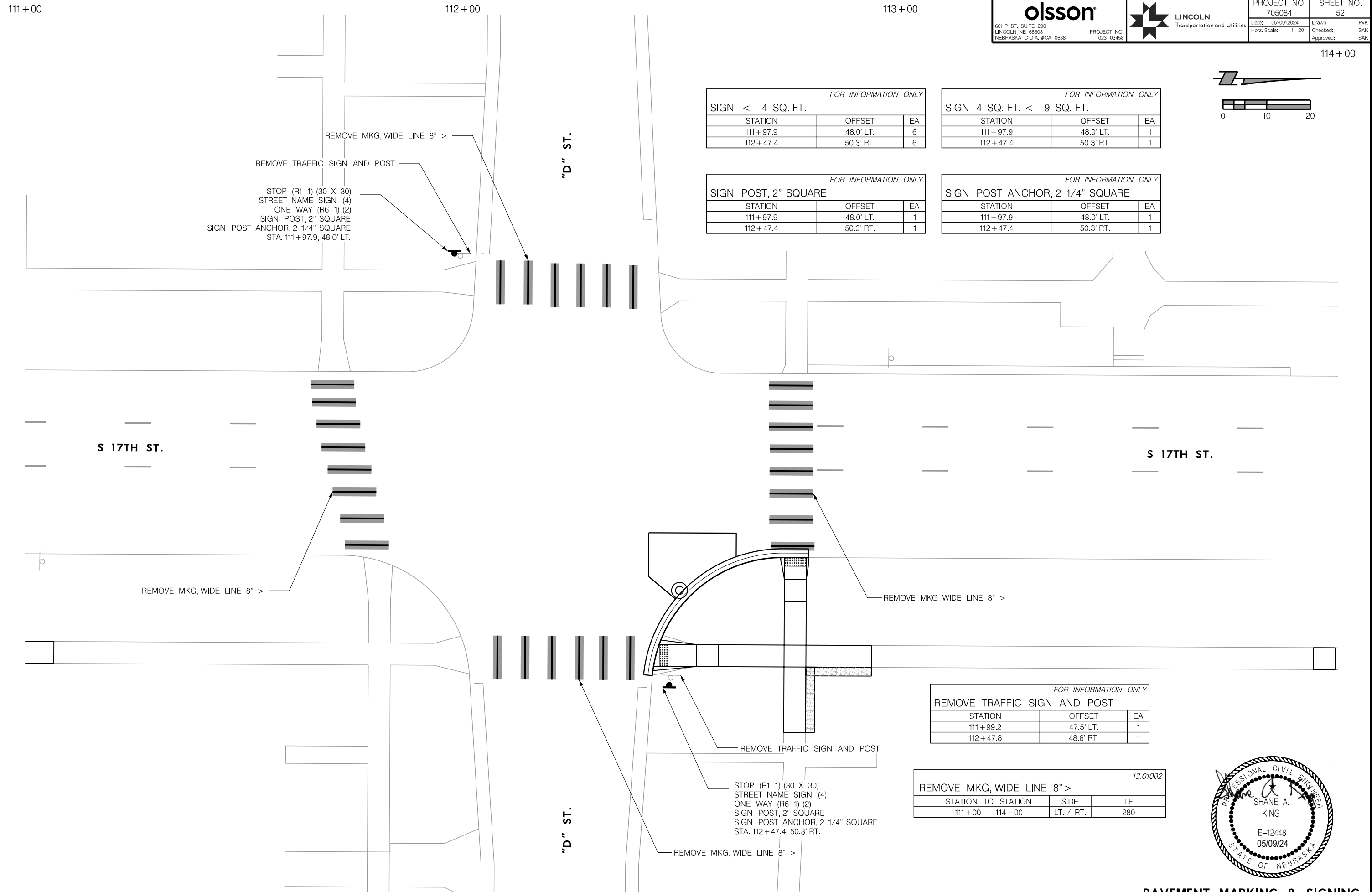


PAVEMENT MARKING & SIGNING
S 17TH STREET

PROJ: FDWY_023-03468_Lincoln_17th_Street_Water_Replacement.dwg
 PEN: ...\\ables\pen\PM_Pennable.tbl
 USER: spakus
 DATE: 05/09/2024
 DGN: ...\\705084\PM02.dgn

On 05/24/24

AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



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

REMOVE MKG, WIDE LINE 8" >
 REMOVE TRAFFIC SIGN AND POST
 STOP (R1-1) (30 X 30)
 STREET NAME SIGN (4)
 ONE-WAY (R6-1) (2)
 SIGN POST, 2" SQUARE
 SIGN POST ANCHOR, 2 1/4" SQUARE
 STA. 111+97.9, 48.0' LT.

REMOVE MKG, WIDE LINE 8" >

REMOVE MKG, WIDE LINE 8" >

FOR INFORMATION ONLY

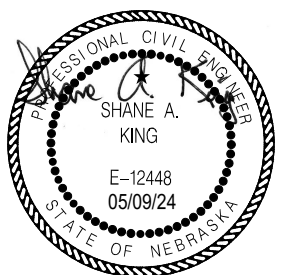
REMOVE TRAFFIC SIGN AND POST		
STATION	OFFSET	EA
111+99.2	47.5' LT.	1
112+47.8	48.6' RT.	1

13.01002

REMOVE MKG, WIDE LINE 8" >		
STATION TO STATION	SIDE	LF
111+00 - 114+00	LT. / RT.	280

REMOVE TRAFFIC SIGN AND POST
 STOP (R1-1) (30 X 30)
 STREET NAME SIGN (4)
 ONE-WAY (R6-1) (2)
 SIGN POST, 2" SQUARE
 SIGN POST ANCHOR, 2 1/4" SQUARE
 STA. 112+47.4, 50.3' RT.

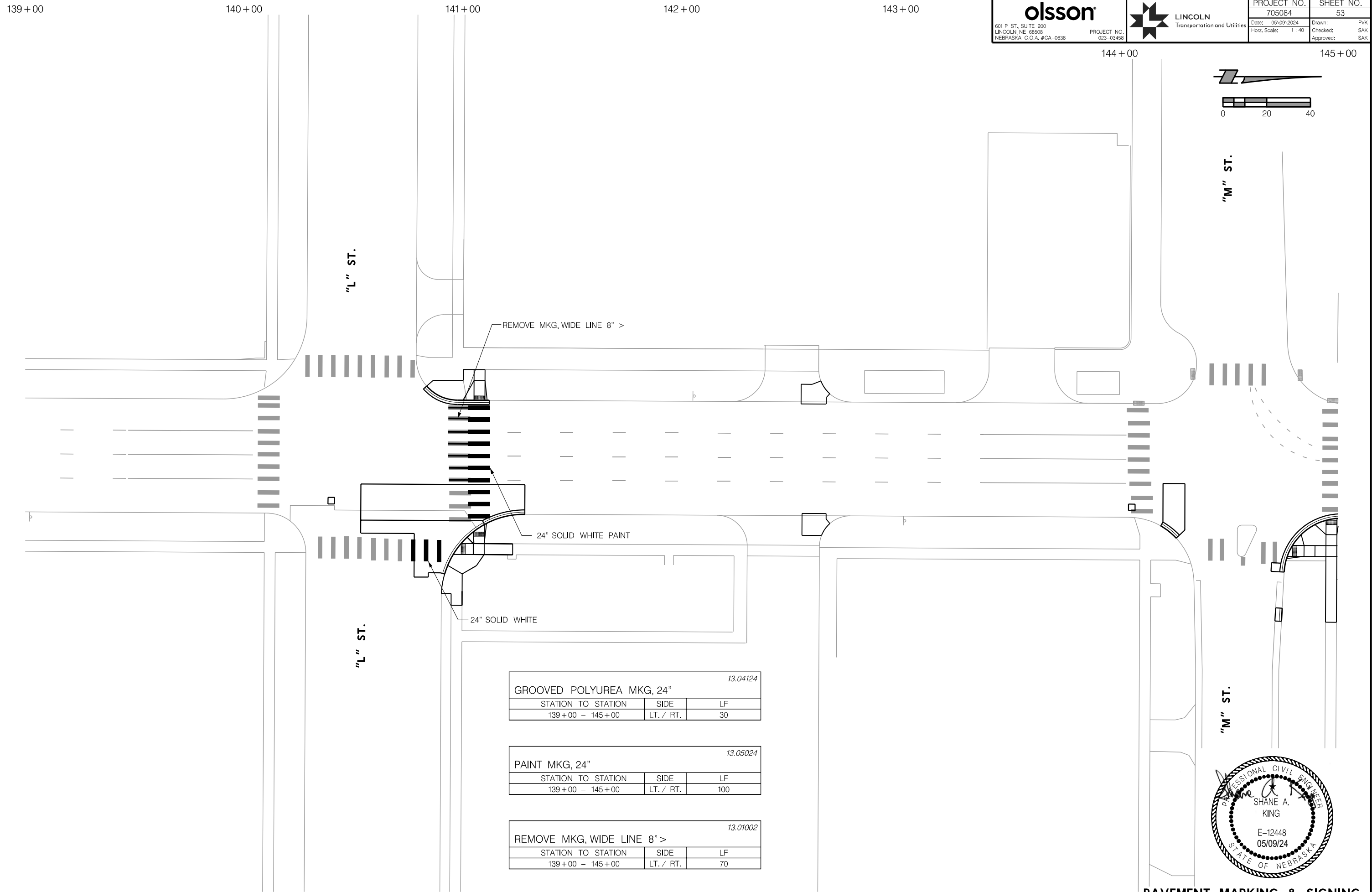
REMOVE MKG, WIDE LINE 8" >



PROJ: FDWY_023-03458_Lincoln_17th_Street_Water_Replacement.dwg
 PEN: ...\\tables\cm\PM_Pennable.tbl
 USER: spakus
 DATE: 05/09/2024
 DGN: ...\\705084PM03.dgn

On 05/24/24

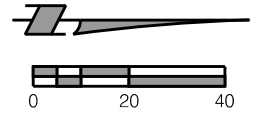
AUTHORIZED FOR CONSTRUCTION By Craig Aldridge



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

LINCOLN
 Transportation and Utilities

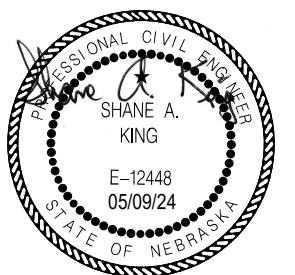
PROJECT NO. 705084	SHEET NO. 53
Date: 05/09/2024	Drawn: SAK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



GROOVED POLYUREA MKG, 24" 13.04124		
STATION TO STATION	SIDE	LF
139+00 - 145+00	LT. / RT.	30

PAINT MKG, 24" 13.05024		
STATION TO STATION	SIDE	LF
139+00 - 145+00	LT. / RT.	100

REMOVE MKG, WIDE LINE 8" > 13.01002		
STATION TO STATION	SIDE	LF
139+00 - 145+00	LT. / RT.	70



PAVEMENT MARKING & SIGNING
 S 17TH STREET

PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.dwg
 PEN: ...tables\pen\BW_PEN\FABLE.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...Sheets\General\705563C001.DGN

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



PROJECT NO.	SHEET NO.
705563	1
Date: 06/03/2024	Drawn: JAY
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



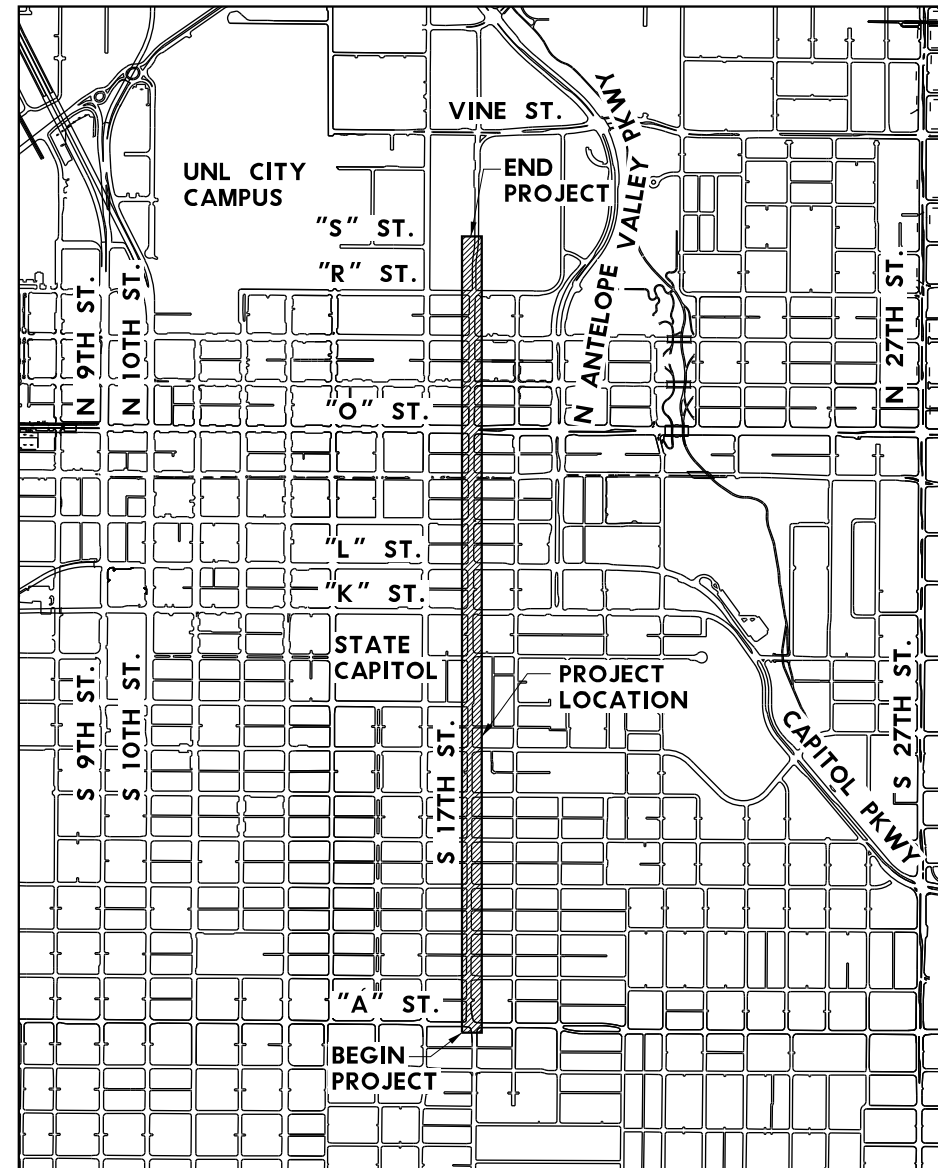
SCAN CODE FOR DESIGN AND CONSTRUCTION STANDARDS ON THE CITY OF LINCOLN WEBSITE.



PRIOR TO CONSTRUCTION:

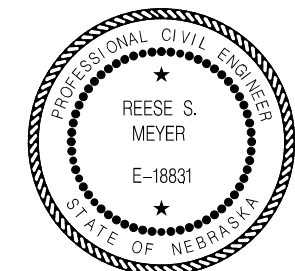
CALL : 1-800-331-5666 OR 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLEVISION AND CITY OF LINCOLN UTILITIES.

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.



SHT. NO.	SHEET INDEX
1	COVER
2 - 3	SUMMARY OF QUANTITIES
4 - 5	TYPICAL SECTIONS
6	GENERAL NOTES
7	DETAILS
8	HORIZONTAL AND VERTICAL CONTROL
9 - 13	GEOMETRICS, JOINTS & GRADES
14	SEDIMENT AND EROSION CONTROL
15 - 27	CONSTRUCTION AND REMOVAL
28 - 37	TRAFFIC SIGNAL, ITS AND LIGHTING
38 - 50	PAVEMENT MARKING AND SIGNING
51	RIGHT OF WAY

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

PROJ: PDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...tables\pen\BW_PEN\FABLE.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...Sheets\General\705563SQ01.DGN

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.



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...\\ables\pen\BW_PEN\FABLE.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...\\Sheets\General\705563\S001.DGN

olsson

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

PROJECT NO.
 L21-06225



PROJECT NO. 705563	SHEET NO. 3
Date: 06/03/2024	Drawn: JMV
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

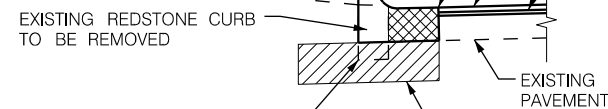
SEEDING & SODDING ITEMS			
ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
30.07002	SEEDING, TY "B"	ACRE	1.52

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



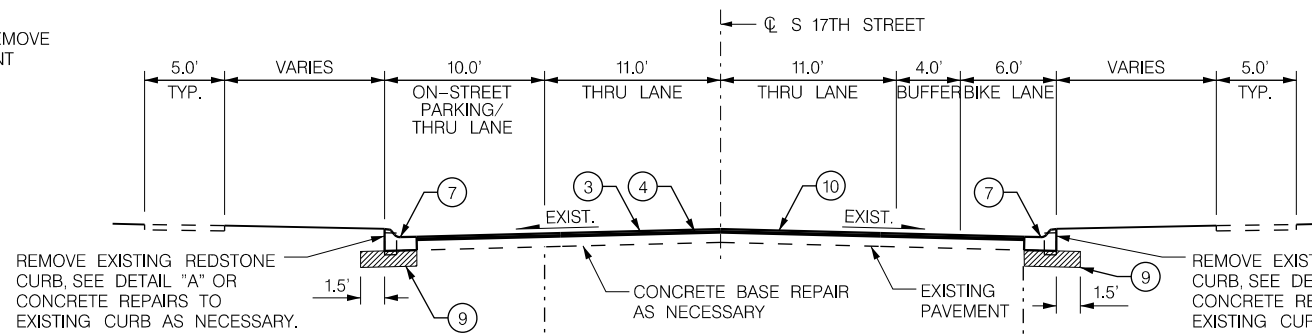
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 DATE: 06/03/2024
 DGN: ...\\ables\General\705563\Y01.DGN

PLACE A FEW INCHES OF TOPSOIL BEHIND NEW CURB TO CORRECT TURF SLOPE FROM SUNKEN REDSTONE CURB AND DRAIN AREA TO GUTTER.



SUBGRADE REPAIR FOR AREAS OF SUNKEN REDSTONE CURB SHALL BE SUBSIDIARY TO THE WORK AND PAYMENT FOR 12" SUBGRADE PREPARATION.

DETAIL "A"
REDSTONE CURB REPLACEMENT

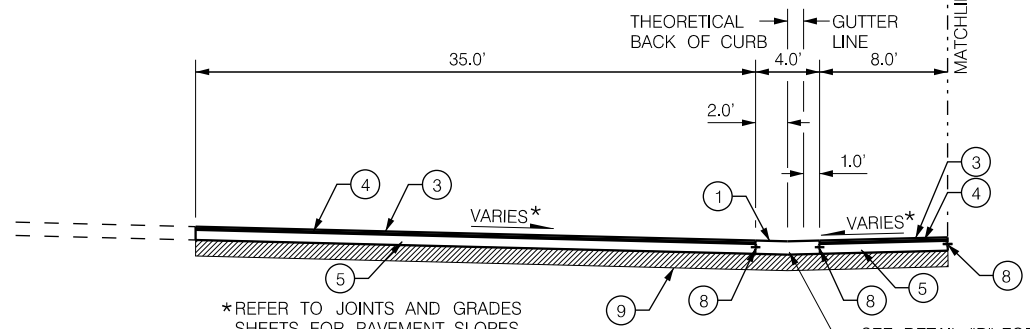


REMOVE EXISTING REDSTONE CURB, SEE DETAIL "A" OR CONCRETE REPAIRS TO EXISTING CURB AS NECESSARY.

CONCRETE BASE REPAIR AS NECESSARY

EXISTING PAVEMENT

REMOVE EXISTING REDSTONE CURB, SEE DETAIL "A" OR CONCRETE REPAIRS TO EXISTING CURB AS NECESSARY.



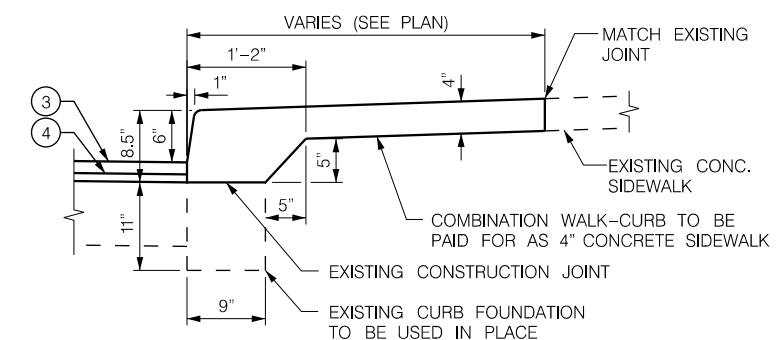
*REFER TO JOINTS AND GRADES SHEETS FOR PAVEMENT SLOPES

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

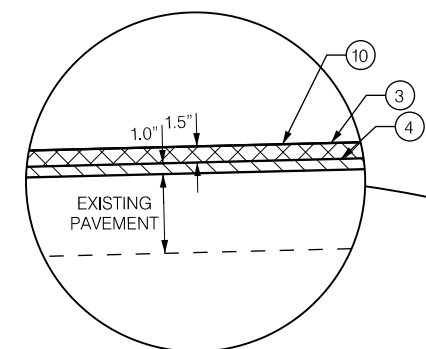
S 17TH STREET, "A" STREET - "K" STREET
STA. 101+89.00 TO STA. 136+52.90
EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR

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



DETAIL "C"
COMBINATION WALK-CURB

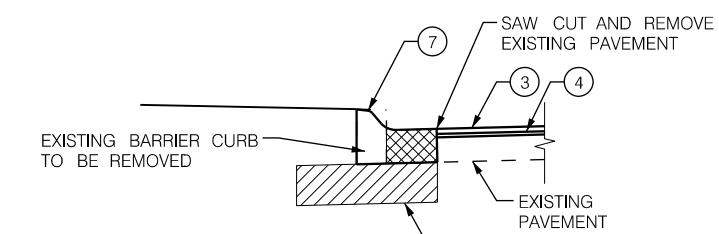


REFER TO DETAIL "C" FOR REPLACEMENT OF SIDEWALK AT LOCATIONS OF EXISTING COMBINATION WALK-CURB.

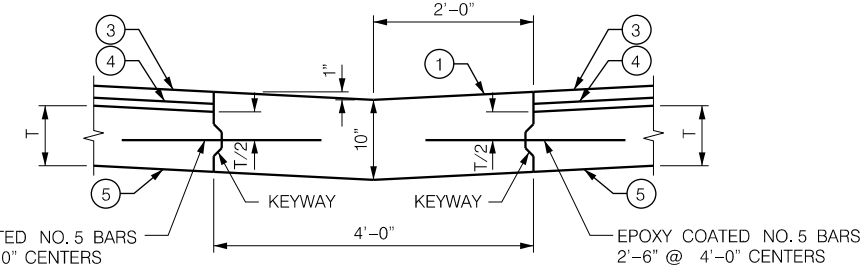
CONCRETE REPAIRS TO EXISTING BARRIER CURB AS NECESSARY

CONCRETE BASE REPAIR AS NECESSARY

CONCRETE REPAIRS TO EXISTING BARRIER CURB AS NECESSARY

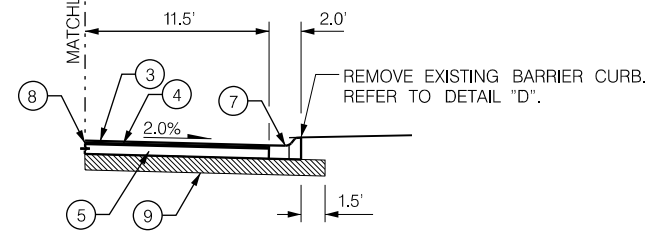


DETAIL "D"
BARRIER CURB REPLACEMENT



EPOXY COATED NO. 5 BARS 2'-6" @ 4'-0" CENTERS

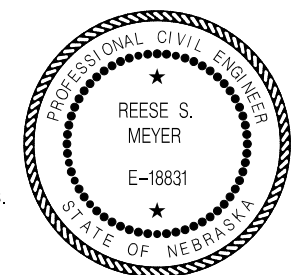
DETAIL "B"
CONCRETE VALLEY GUTTER



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

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

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



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
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 DATE: 06/03/2024
 DGN: ...Sheets\General\705563TY02.DGN

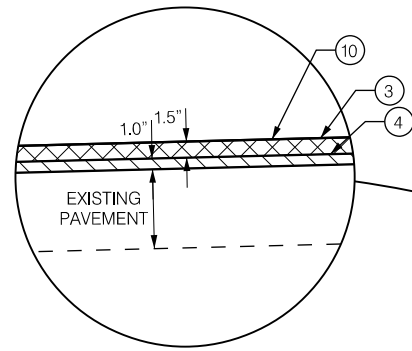
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 NEBRASKA C.O.A. #CA-0638

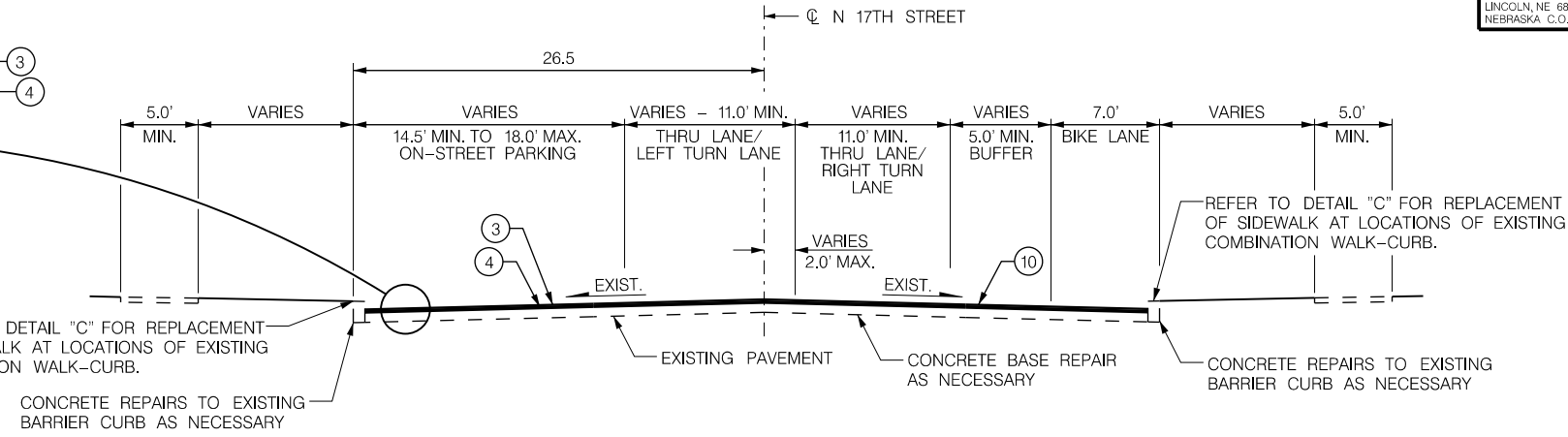
PROJECT NO.
 L21-06225



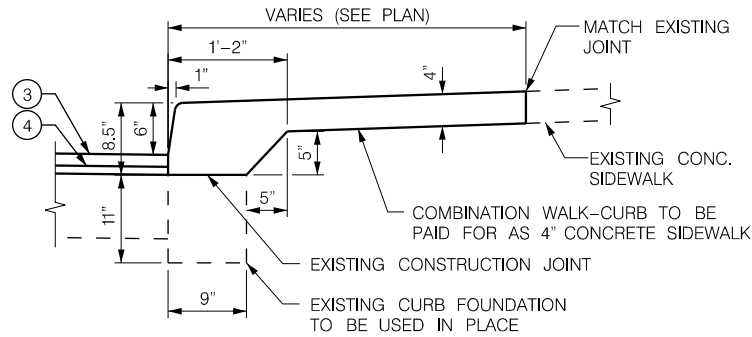
PROJECT NO. 705563	SHEET NO. 5
Date: 06/03/2024	Drawn: JLV
NOT TO SCALE	Checked: RSM
	Approved: JGO



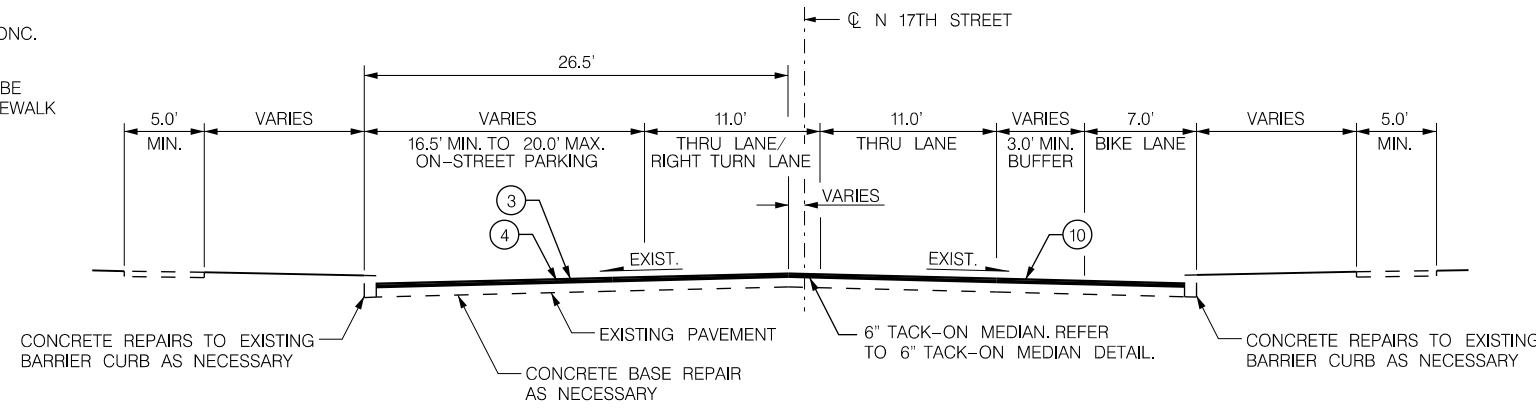
REFER TO DETAIL "C" FOR REPLACEMENT OF SIDEWALK AT LOCATIONS OF EXISTING COMBINATION WALK-CURB.
 CONCRETE REPAIRS TO EXISTING BARRIER CURB AS NECESSARY



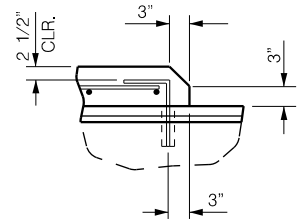
N 17TH STREET, "O" STREET - "Q" STREET
 STA. 153+21.00 TO STA. 160+74.52
 EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR



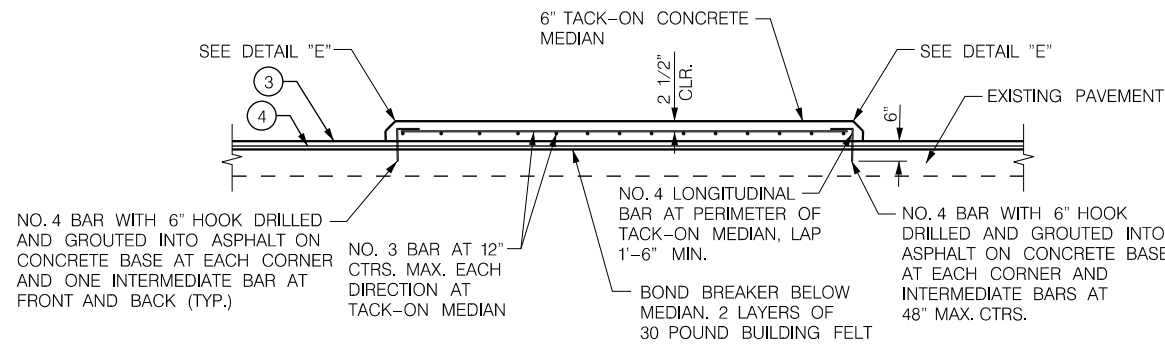
DETAIL "C"
 COMBINATION WALK-CURB



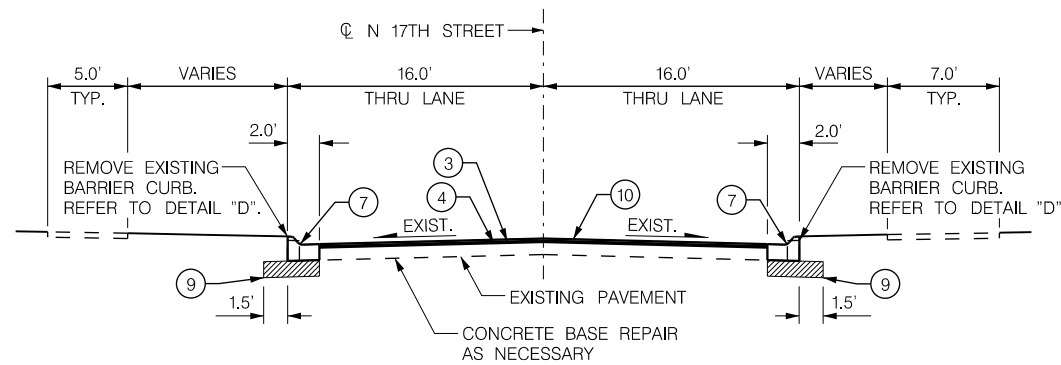
N 17TH STREET, "Q" STREET - "R" STREET
 STA. 160+74.52 TO STA. 164+92.52
 EXCEPTIONS AT INTERSECTIONS AND LOCATIONS OF FULL DEPTH PAVEMENT REPAIR



DETAIL "E"
 TACK-ON MEDIAN DETAIL



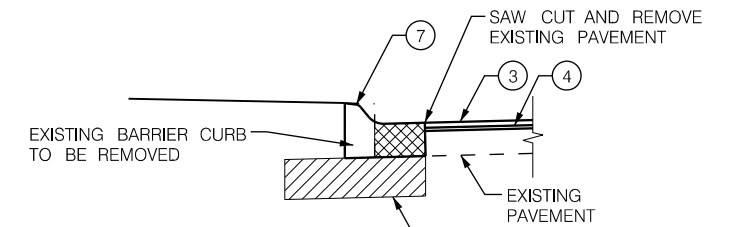
6" TACK-ON MEDIAN
 (REFER TO GEOMETRIC SHEETS FOR LOCATIONS)



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

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 "D"
 BARRIER CURB REPLACEMENT

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.



PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...:\tables\pen\BW_PEN\TABLE.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\Sheets\General\Y055656\GND1.DGN

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
	24" WASTE WATER
	8" WATER

LEGEND - SURVEY (NON SURVEYED UTILITIES)

	UG GAS LINE
	UE ELECTRICAL SERVICE
	OE ELECTRICAL SERVICE OVERHEAD
	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.)

	BENCH MARK
	BORING
	48" FENCE
	36" FENCE
	60" FENCE
	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
	TREE REMOVAL

LEGEND - EROSION & SEDIMENT CONTROL

	SYNTHETIC FABRIC SILT FENCE
	SEEDING, TYPE 'B'
	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
	PEDESTRIAN PUSH BUTTON AUDIBLE
	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 INDICATOR
	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)

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PROJECT NO.	SHEET NO.
705563	6
Date: 06/03/2024	Drawn: JMW
NOT TO SCALE	Checked: RSM
	Approved: JGO

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

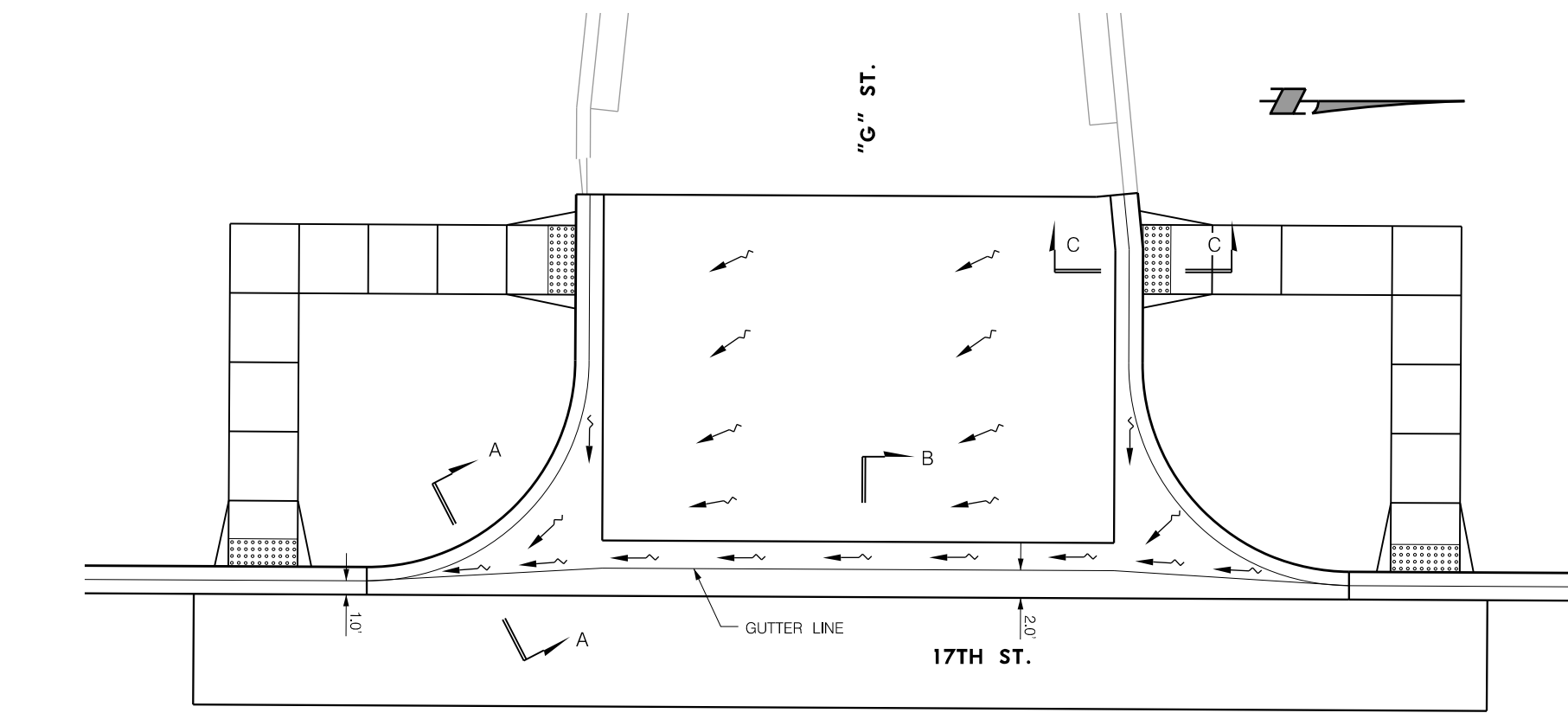
THE BASE MATERIAL BELOW THE ASPHALT SURFACE COURSE VARIES ALONG THE PROJECT LENGTH AND INCLUDES BRICK, ASPHALT, AND CONCRETE. EXACT LOCATIONS OF DIFFERENT BASE MATERIALS ARE NOT KNOWN. CORE SAMPLES AND SITE OBSERVATIONS SHOW BRICK BASE IS PRESENT, IN AT LEAST SOME SEGMENT ALONG 17TH STREET, IN THE FOLLOWING 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.

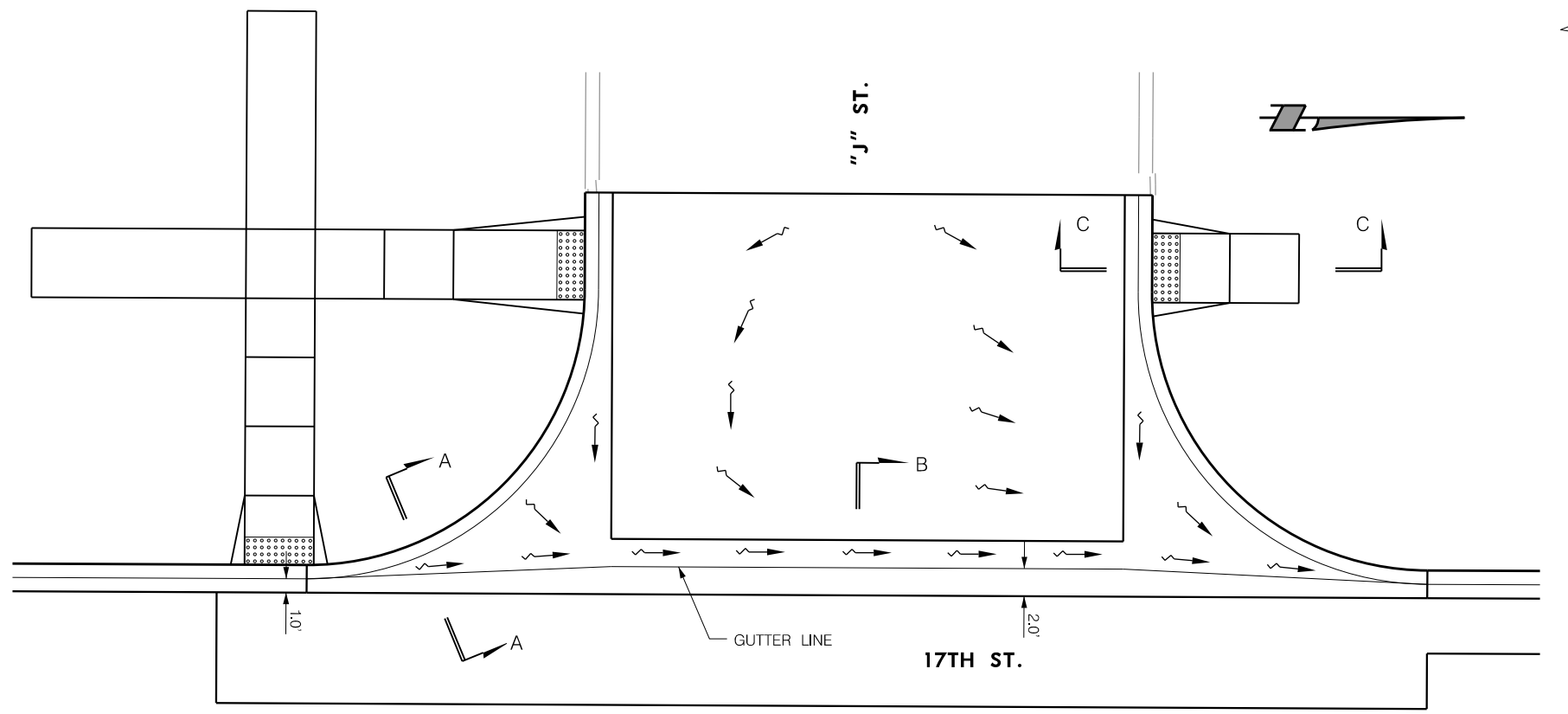


GENERAL NOTES

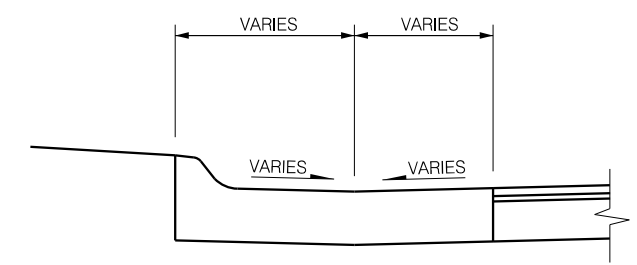
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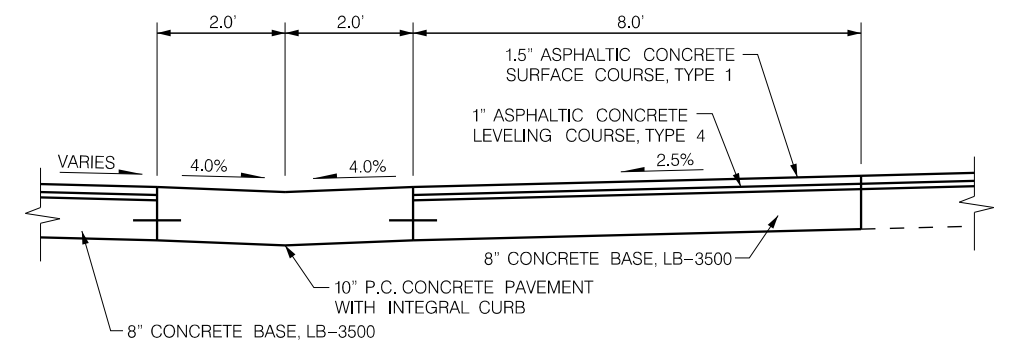
"G" STREET PLAN VIEW



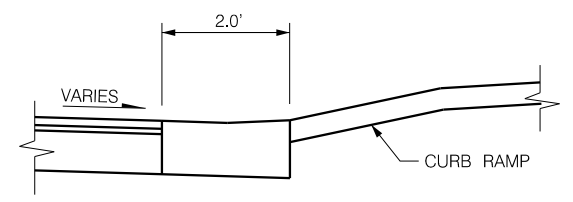
"J" STREET PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

LEGEND

→ DRAINAGE FLOW PATH

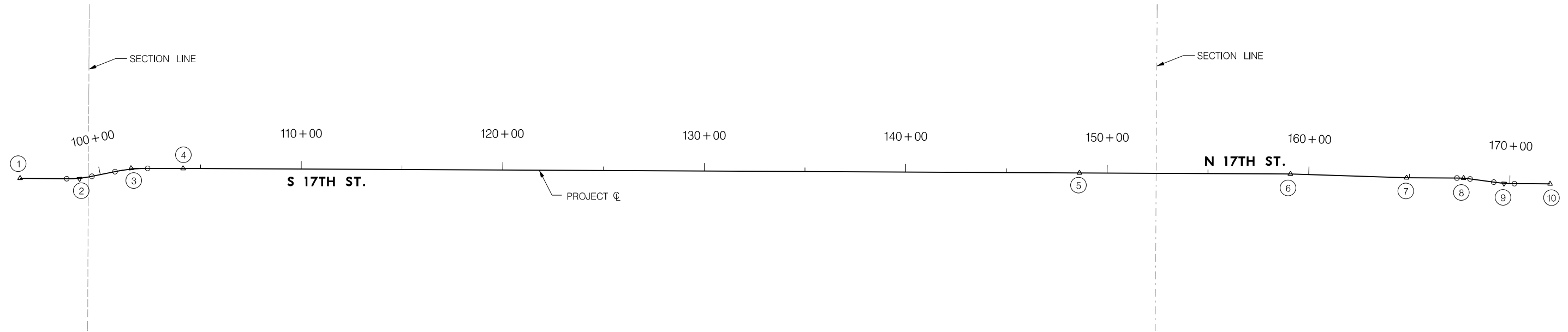
NOTE: SIDE ROAD PAVEMENT SHALL BE WARRPED TO DRAIN TO CONCRETE VALLEY GUTTER ALONG 17TH STREET. REFER TO JOINTS AND GRADES FOR PAVEMENT ELEVATIONS.



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 DATE: 06/03/2024
 DGN: ...Sheets\General\705563H-C01.DGN

SOUTH/NORTH 17TH STREET

- ① P.O.B. STA. 96+00.00 - C S 17TH ST.
N = 199678.49, E = 161660.27
- ② P.I. STA. 98+94.84 - C 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 - C S 17TH ST.
N = 199910.08, E = 161662.49
P.T. STA. 99+57.62 - C S 17TH ST.
N = 200035.30, E = 161650.50
- ③ P.I. STA. 101+56.20 - C 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 - C S 17TH ST.
N = 200149.80, E = 161627.23
P.T. STA. 102+37.38 - C S 17TH ST.
N = 200311.65, E = 161611.22
- ④ P.I. STA. 104+13.56 - C S 17TH ST.
Δ = 00° 05' 51.31" RT.
N = 200487.83, E = 161611.78
- ⑤ P.I. STA. 148+62.12 - C S 17TH ST.
Δ = 00° 00' 55.37" RT.
N = 204936.34, E = 161633.51
- ⑥ P.I. STA. 159+09.30 - C N 17TH ST.
Δ = 01° 35' 17.19" RT.
N = 205983.50, E = 161638.91
- ⑦ P.I. STA. 164+85.90 - C N 17TH ST.
Δ = 01° 37' 12.99" LT.
N = 206559.78, E = 161657.86
- ⑧ P.I. STA. 167+69.11 - C 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 - C N 17TH ST.
N = 206810.36, E = 161659.01
P.T. STA. 168+01.65 - C N 17TH ST.
N = 206875.33, E = 161663.55
- ⑨ P.I. STA. 169+71.91 - C 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 - C N 17TH ST.
N = 206993.00, E = 161679.53
P.T. STA. 170+23.29 - C N 17TH ST.
N = 207095.56, E = 161686.79
- ⑩ P.O.E. STA. 172+00.00 - C N 17TH ST.
N = 207272.27, E = 161687.91



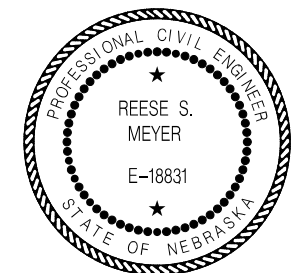
CONTROL POINTS				
POINT	NORTH	EAST	ELEVATION	DESCRIPTION
600	202660.879	162991.017	1167.14	CTR 25-10-06 L23T
1001	200046.155	161617.111	1190.73	3/4" REBAR
1002	200909.245	161651.897	1188.16	3/4" REBAR
1003	201736.082	161587.131	1185.23	3/4" REBAR
1004	202476.748	161653.225	1189.65	3/4" REBAR
1005	203372.111	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:

- 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.
- TREE SIZES ARE THE TRUNK SIZE AT APPROX. 3' FROM GROUND LEVEL. TREE CANOPY SIZES ARE NOT INCLUDED.
- HORIZONTAL CONTROL IS: LANCASTER COUNTY GRID.



123+00

124+00

125+00

olsson



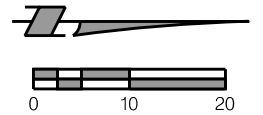
PROJECT NO. 705563	SHEET NO. 9
Date: 06/03/2024	Drawn: JMV
Horz. Scale: 1" = 20'	Checked: RSM
	Approved: JGO

126+00

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...tables\pen\JG_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...Geometrics\705563\6E01.dgn

S 17TH STREET - ROADWAY

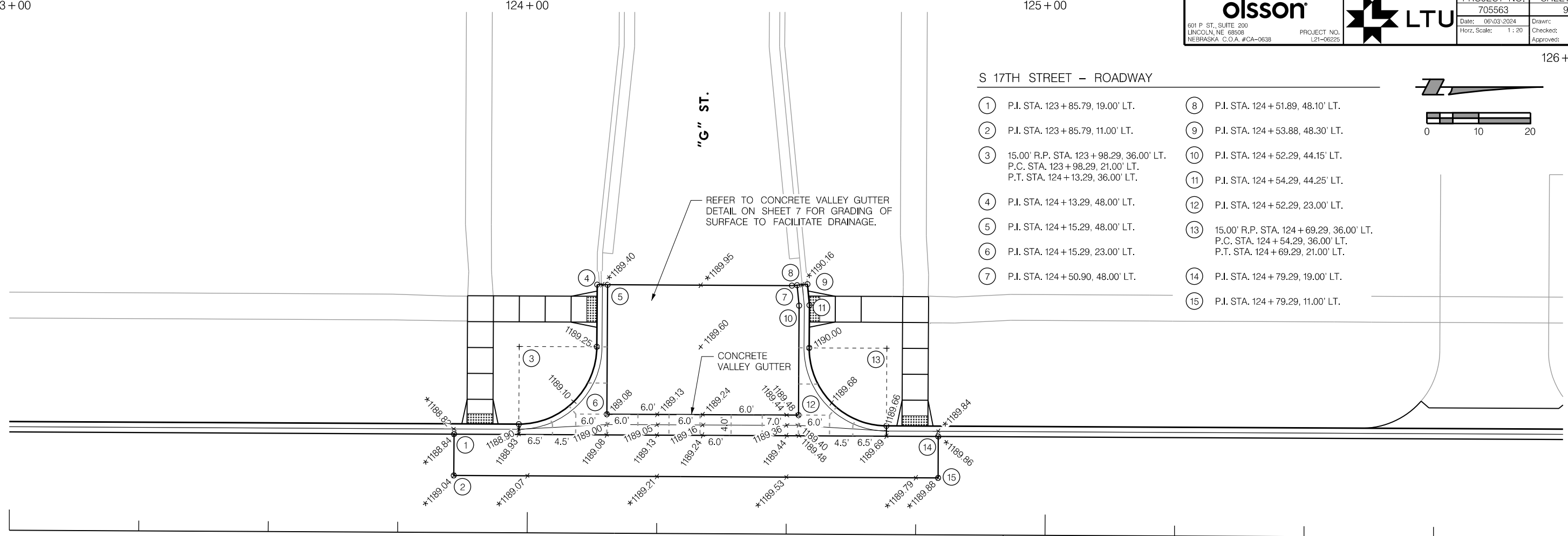
- | | |
|--|--|
| ① P.I. STA. 123+85.79, 19.00' LT. | ⑧ P.I. STA. 124+51.89, 48.10' LT. |
| ② P.I. STA. 123+85.79, 11.00' LT. | ⑨ P.I. STA. 124+53.88, 48.30' LT. |
| ③ 15.00' R.P. STA. 123+98.29, 36.00' LT.
P.C. STA. 123+98.29, 21.00' LT.
P.T. STA. 124+13.29, 36.00' LT. | ⑩ P.I. STA. 124+52.29, 44.15'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



"G" ST.

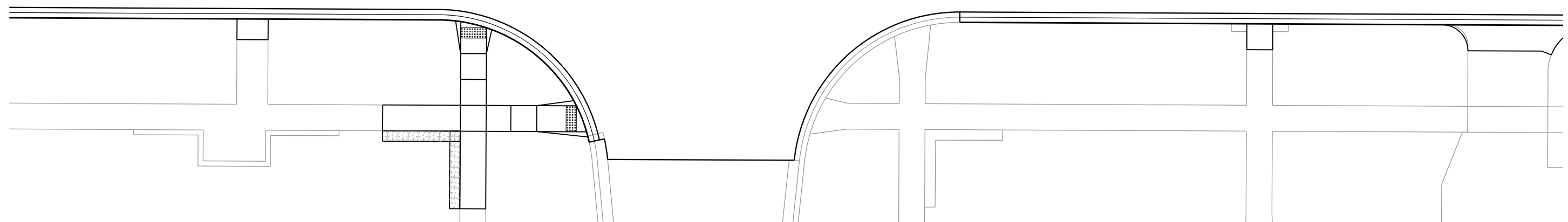
"G" ST.

REFER TO CONCRETE VALLEY GUTTER
DETAIL ON SHEET 7 FOR GRADING OF
SURFACE TO FACILITATE DRAINAGE.



S 17TH ST.

PROJECT C



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

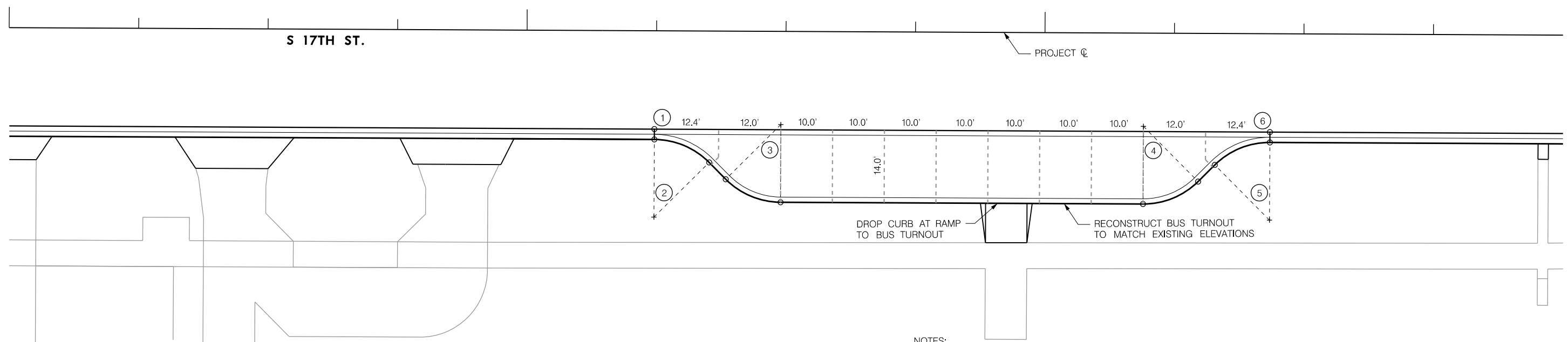
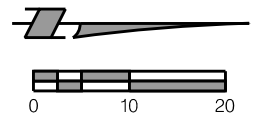
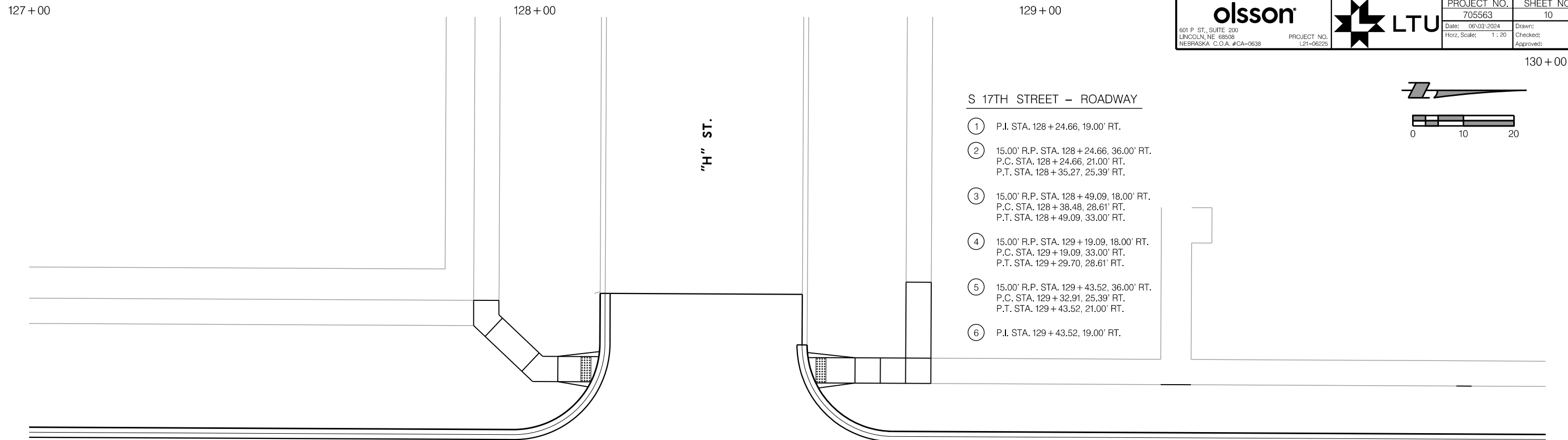
NOTES:

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 C.
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.



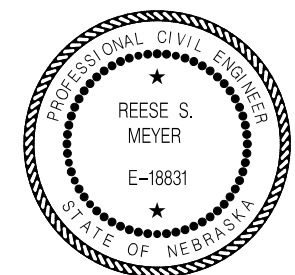
GEOMETRICS, JOINTS & GRADES
S 17TH STREET

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street/A to S 17g
 PEN: ...tables\pen\JG_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...Geometrics\7055636E02.dgn



- 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 CL.
 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.

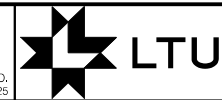


131+00

132+00

133+00

olsson



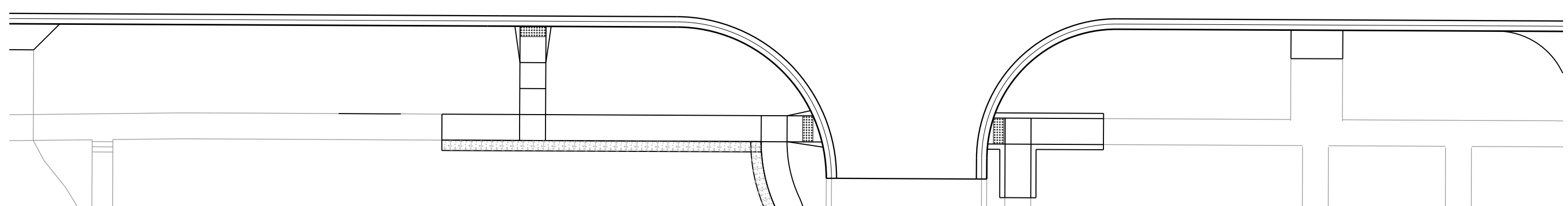
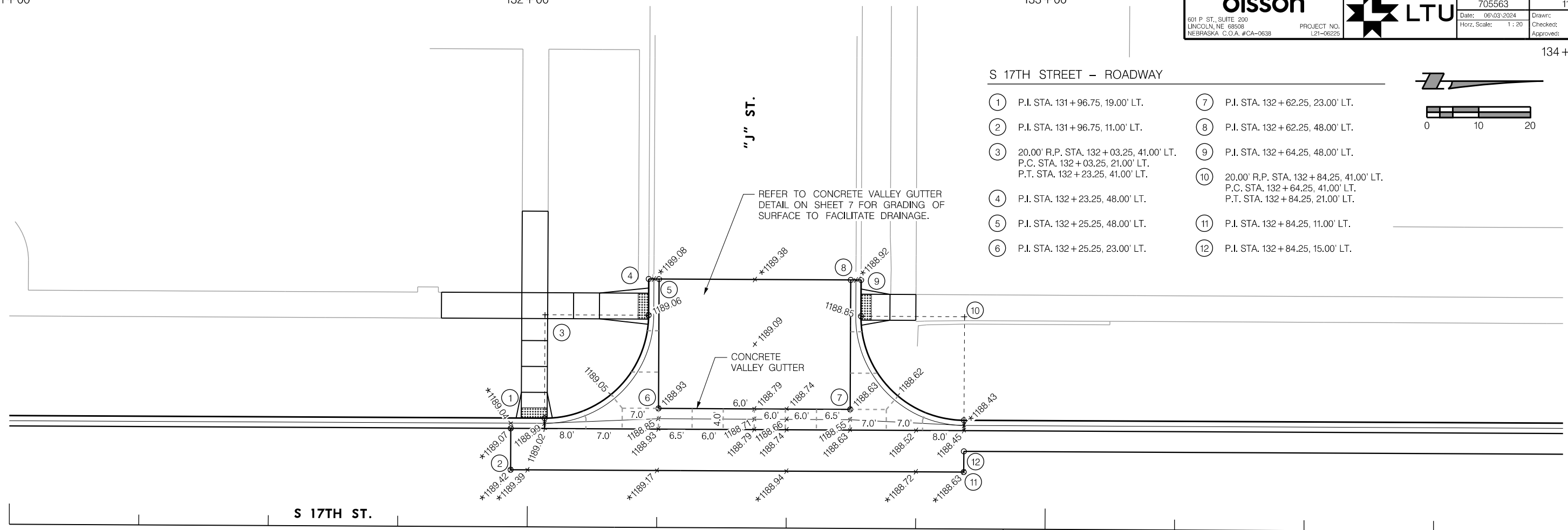
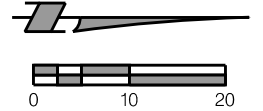
PROJECT NO.	SHEET NO.
705563	11
Date: 06/03/2024	Drawn: JMV
Horz. Scale: 1:20	Checked: RSM
	Approved: JGO

134+00

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...tables\pen\JG_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...Geometrics\705563\63E03.dgn

S 17TH STREET - ROADWAY

- | | |
|--|--|
| ① P.I. STA. 131+96.75, 19.00' LT. | ⑦ P.I. STA. 132+62.25, 23.00' LT. |
| ② P.I. STA. 131+96.75, 11.00' LT. | ⑧ P.I. STA. 132+62.25, 48.00' 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. | ⑨ P.I. STA. 132+64.25, 48.00' LT. |
| ④ P.I. STA. 132+23.25, 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. |
| ⑤ P.I. STA. 132+25.25, 48.00' LT. | ⑪ P.I. STA. 132+84.25, 11.00' LT. |
| ⑥ P.I. STA. 132+25.25, 23.00' LT. | ⑫ P.I. STA. 132+84.25, 15.00' LT. |



NOTES:

- TYPICAL TRANSVERSE JOINT SPACING ALONG ROADWAY IS 15.0' UNLESS OTHERWISE SPECIFIED.
- ELEVATIONS SHOWN ARE AT TOP OF SLAB, UNLESS OTHERWISE SPECIFIED. ELEVATIONS ARE SHOWN AT 25'-0" INTERVALS AS MEASURED ALONG THE ROADWAY ϕ .
- 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.
- DROP CURB AT CURB RAMPS AS SHOWN ON THE LINCOLN STANDARD PLANS.

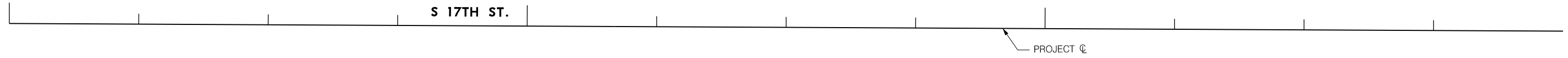
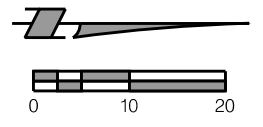
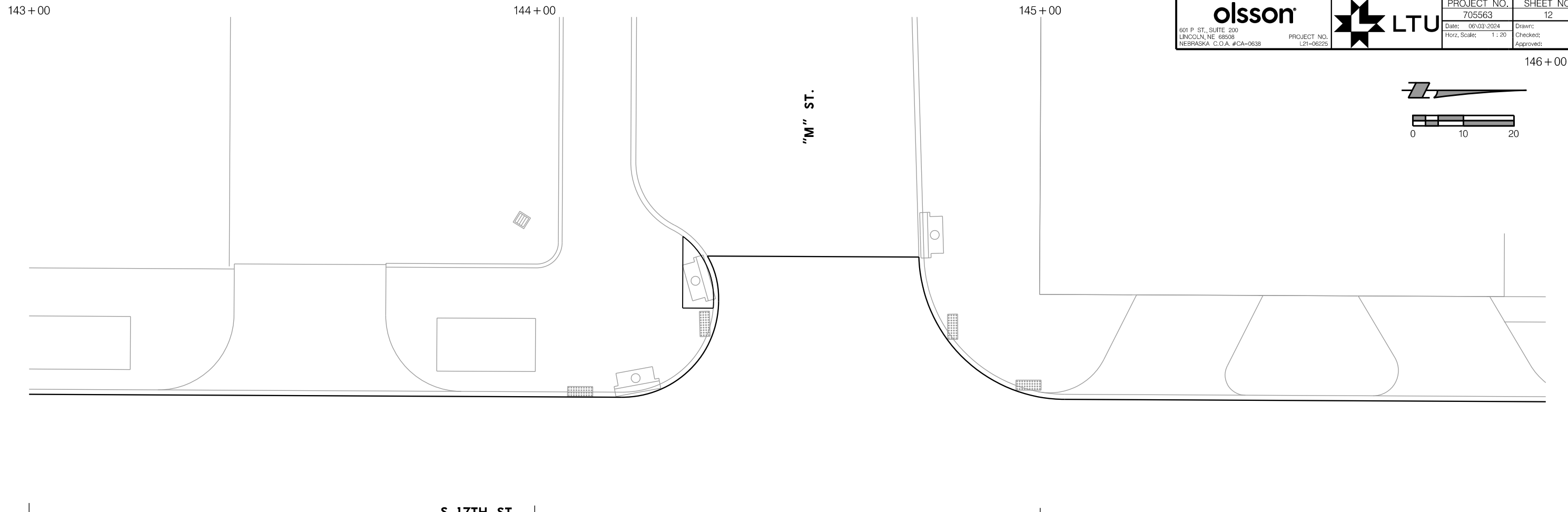
LEGEND

- - - - - = 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



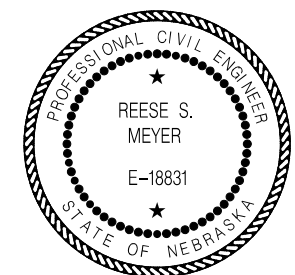
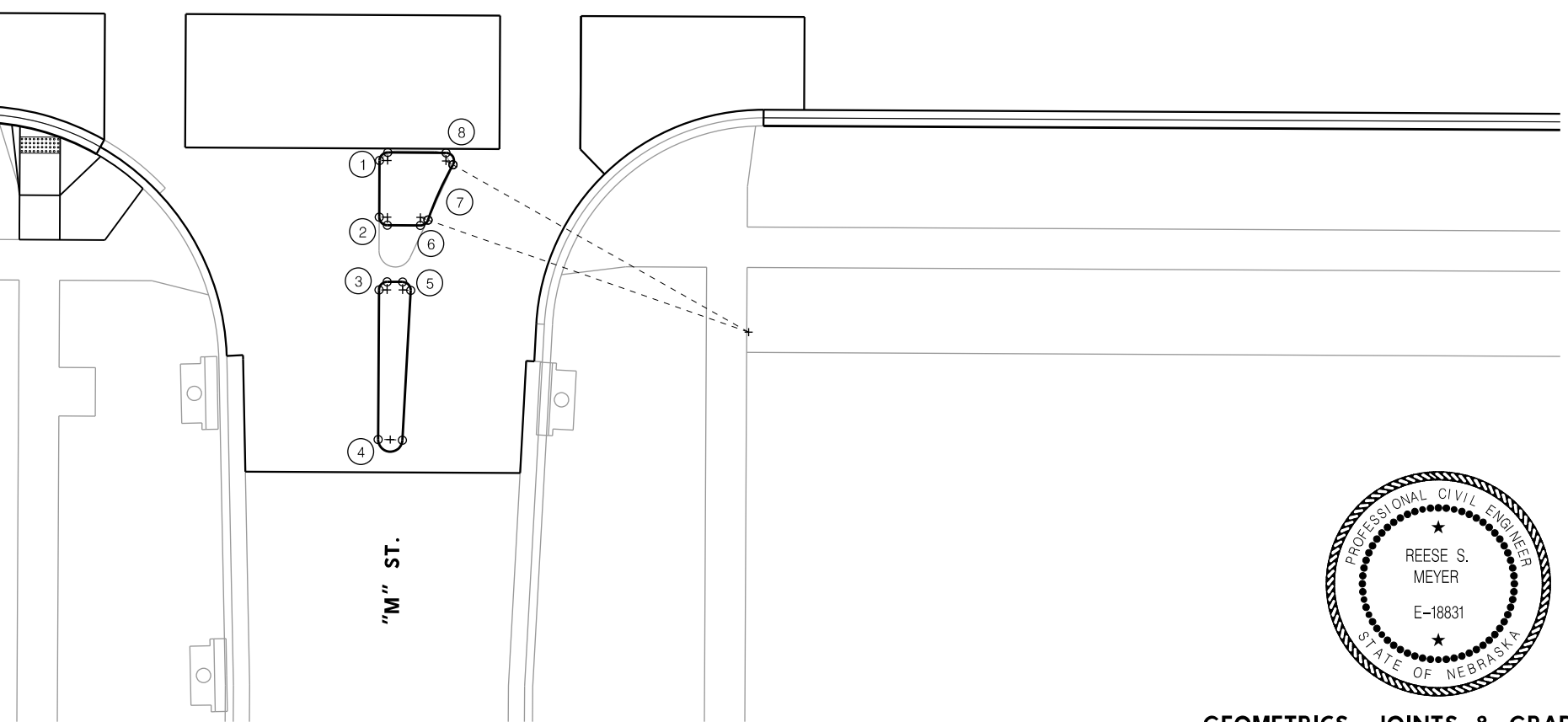
GEOMETRICS, JOINTS & GRADES
S 17TH STREET

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S 17g
 PEN: ...tables\pen\JG_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...Geometrics\705563\6E04.dgn



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. | 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. |
| 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. | 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. |
| 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. | 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. |
| 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. | 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. |



159+00

160+00

161+00

162+00

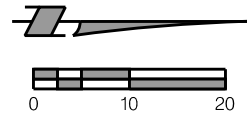
olsson



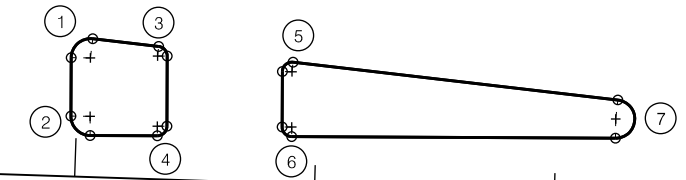
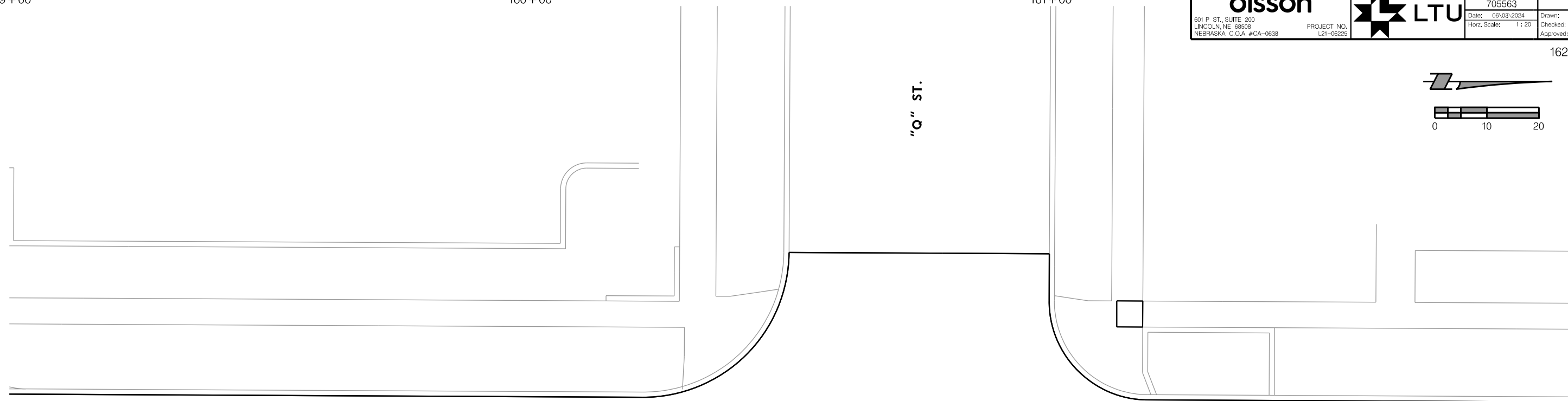
PROJECT NO. 705563	SHEET NO. 13
Date: 06/03/2024	Drawn: JMV
Horz. Scale: 1 : 20	Checked: RSM
	Approved: JGO

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

PROJECT NO.
L21-06225



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street/A to S.c1g
 PEN: ...\\ables\pen\JG_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...\\Geometrics\705563\625.dgn



N 17TH ST.

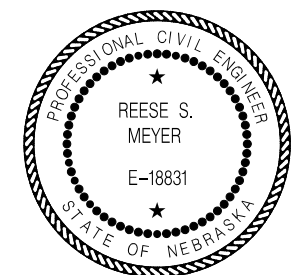
PROJECT CL

"Q" ST.

"Q" ST.

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. | 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. |
| 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. | 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. |
| 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. | 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. |
| 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. | |



GEOMETRICS, JOINTS & GRADES
N 17TH STREET

PROJ: FDWY_021-06225-L_Lincoln_NE_TRANS_17th_Street_A_to_S.ctb
 PEN: ...\\ables\pen\EC_Penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...\\705636101.dgn



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](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.

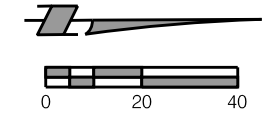
SEEDING NOTES

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.





PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.c1g
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 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563CR01.dgn



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	

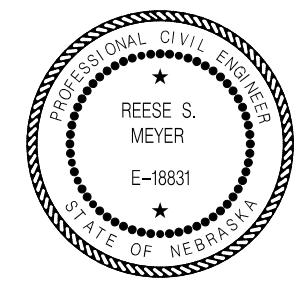
SEEDING, TYPE 'B'				30.07001 - 30.07004
STATION TO STATION	SIDE	AC		
101+89.00 - 103+00.00	LT. & RT.	0.04		

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

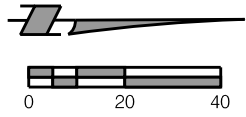
SELECT TOPSOIL				31.03001
STATION TO STATION	SIDE	CY		
101+89.00 - 103+00.00	LT. & RT.	6		

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.



CONSTRUCTION AND REMOVAL
S 17TH STREET



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

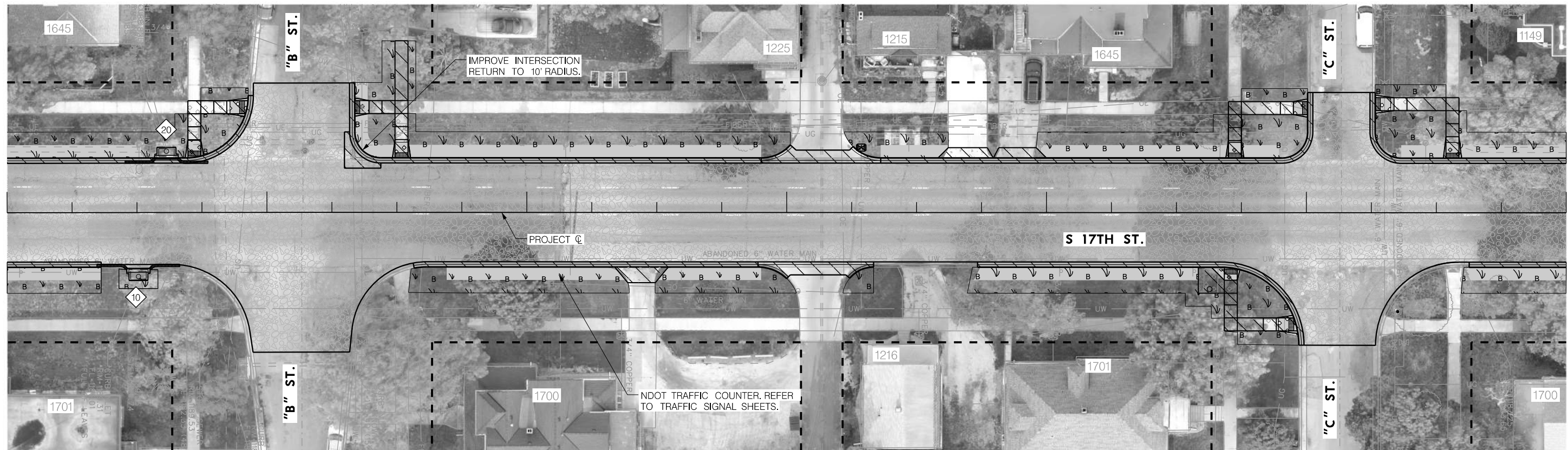
SAWING 01.05001 - 01.09001

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

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S City
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REM EX INLET TOP ONLY 21.13006

STATION	OFFSET	EA
103+50.52	24.08' RT.	1
103+61.33	23.08' LT.	1

REMOVE & RESET BENCH 50.00001

STATION	SIDE	EA
107+63.00	29' RT.	1

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
103+00.00 - 109+00.00	LT. & RT.	4"	1,014

CONCRETE SIDEWALK 04.09305 - 04.09310

STATION TO STATION	SIDE	THICK	SF
103+00.00 - 109+00.00	LT. & RT.	10"	373

PARKING SPACE FINISH 02.09001

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

CONCRETE DRIVEWAY 04.09405 - 04.09406

STATION TO STATION	SIDE	THICK	SF
103+00.00 - 109+00.00	LT. & RT.	5"	236

CONCRETE BASE, LB-3500 05.07005 - 05.07008

STATION TO STATION	SIDE	THICK	SY
103+00.00 - 109+00.00	LT. & RT.	8"	463

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

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

STATION TO STATION	SIDE	EA
103+00.00 - 106+00.00	LT. & RT.	2

COMBINED CURB & GUTTER 04.09601

STATION TO STATION	SIDE	LF
103+00.00 - 109+00.00	LT. & RT.	914

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

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

SURFACE MILLING 06.04000

STATION TO STATION	SIDE	SY
103+00.00 - 109+00.00	LT. & RT.	3,088

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

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.

RECONSTRUCT INLET THROAT 21.08008

NO.	STATION	OFFSET
20	103+61.33	23.08' LT.

SEEDING, TYPE 'B' 30.07001 - 30.07004

STATION TO STATION	SIDE	AC
103+00.00 - 109+00.00	LT. & RT.	0.21

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.

NOTE: QUANTITIES REFLECT 15% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.



21.13006

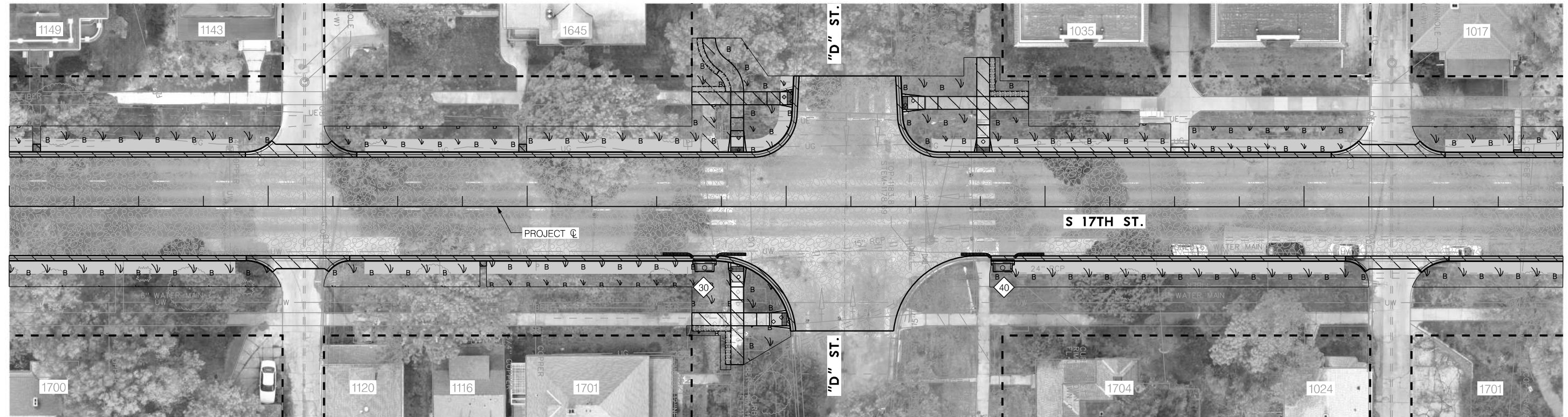
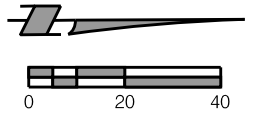
STATION	OFFSET	EA
111+68.51	23.08' RT.	1
112+83.64	23.08' RT.	1

50.00005

STATION TO STATION	SIDE	LF
109+00.00 - 115+00.00	LT. & RT.	824

01.04001

STATION TO STATION	SIDE	CY
109+00.00 - 115+00.00	LT. & RT.	177



PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
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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

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

06.04000

STATION TO STATION	SIDE	SY
109+00.00 - 115+00.00	LT. & RT.	2,849

04.09304

STATION TO STATION	SIDE	THICK	SF
109+00.00 - 115+00.00	LT. & RT.	4"	1,027

04.09305 - 04.09310

STATION TO STATION	SIDE	THICK	SF
109+00.00 - 115+00.00	LT.	10"	222

04.09601

STATION TO STATION	SIDE	LF
109+00.00 - 115+00.00	LT. & RT.	974

04.10006 - 04.10008

STATION TO STATION	SIDE	THICK	SY
109+00.00 - 115+00.00	LT. & RT.	6"	80

05.07005 - 05.07008

STATION TO STATION	SIDE	THICK	SY
109+00.00 - 115+00.00	LT. & RT.	8"	284

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

30.07001 - 30.07004

STATION TO STATION	SIDE	AC
109+00.00 - 115+00.00	LT. & RT.	0.26

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

32.04001 - 32.04003

STATION TO STATION	SIDE	EA
109+00.00 - 115+00.00	RT.	2

21.08007

NO.	STATION	OFFSET
30	111+68.51	23.08' RT.
40	112+83.64	23.08' RT.

21.08008

NO.	STATION	OFFSET
30	111+68.51	23.08' RT.
40	112+83.64	23.08' RT.

02.09001

STATION TO STATION	SIDE	SY
109+00.00 - 115+00.00	LT. & RT.	459

31.03001

STATION TO STATION	SIDE	CY
109+00.00 - 115+00.00	LT. & RT.	33

NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.



CONSTRUCTION AND REMOVAL
S 17TH STREET

115+00 116+00 117+00 118+00 119+00

 601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	 PROJECT NO. L21-06225	PROJECT NO.	SHEET NO.
		705563	18
		Date: 06/03/2024 Horz. Scale: 1 : 40	Drawn: SMH Checked: RSM Approved: RSM

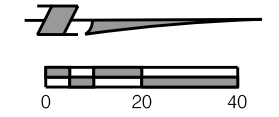
120+00 121+00

50.00001 REMOVE & RESET MONUMENT		
STATION	SIDE	EA
120+96.19	21.72' RT.	1

50.00005 REMOVE & SALVAGE REDSTONE CURB		
STATION TO STATION	SIDE	LF
115+00.00 - 121+00.00	LT. & RT.	788

01.05001 - 01.09001 SAWING			
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

01.04001 PAVEMENT AND SIDEWALK REMOVAL		
STATION TO STATION	SIDE	CY
115+00.00 - 121+00.00	LT. & RT.	301



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street/A to S 17th
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01.11001 ADJUST MANHOLE TO GRADE		
STATION	SIDE	EA
116+18.09	11.45' RT.	1

21.13006 REM EX INLET TOP ONLY		
STATION	OFFSET	EA
116+84.29	23.08' RT.	1
116+92.52	23.08' LT.	1

06.04000 SURFACE MILLING		
STATION TO STATION	SIDE	SY
115+00.00 - 121+00.00	LT. & RT.	3,135

04.09601 COMBINED CURB & GUTTER		
STATION TO STATION	SIDE	LF
115+00.00 - 121+00.00	LT. & RT.	871

04.09304 CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
115+00.00 - 121+00.00	LT. & RT.	4"	954

04.09305 - 04.09310 CONCRETE SIDEWALK			
STATION TO STATION	SIDE	THICK	SF
115+00.00 - 121+00.00	LT. & RT.	10"	221

06.06001 - 06.06004 ASPHALTIC CONCRETE			
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

04.10006 - 04.10008 P.C.C. ALLEY PAVEMENT			
STATION TO STATION	SIDE	THICK	SY
115+00.00 - 121+00.00	LT. & RT.	6"	42

05.07005 - 05.07008 CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
115+00.00 - 121+00.00	LT. & RT.	8"	780

04.11001 DETECTABLE WARNING PANELS		
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

07.08030 MODULAR BLOCK RET. WALL		
STATION TO STATION	SIDE	SF
115+75.07 - 115+90.07	LT.	60
119+74.28 - 119+89.28	RT.	60

04.09405 - 04.09406 CONCRETE DRIVEWAY			
STATION TO STATION	SIDE	THICK	SF
115+00.00 - 121+00.00	LT.	5"	76

32.04001 - 32.04003 INSTALL, MAINT., REMOVAL CURB INLET PROTECTION		
STATION TO STATION	SIDE	EA
115+00.00 - 121+00.00	LT. & RT.	2

21.08007 STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE		
NO.	STATION	OFFSET
50	116+84.29	23.08' RT.
60	116+92.52	23.08' LT.

21.08008 RECONSTRUCT INLET THROAT		
NO.	STATION	OFFSET
50	116+84.29	23.08' RT.
60	116+92.52	23.08' LT.

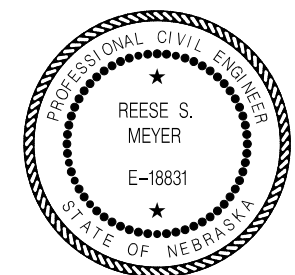
30.07001 - 30.07004 SEEDING, TYPE 'B'		
STATION TO STATION	SIDE	AC
115+00.00 - 121+00.00	LT. & RT.	0.22

02.09001 PARKING SPACE FINISH		
STATION TO STATION	SIDE	SY
115+00.00 - 121+00.00	LT. & RT.	399

31.03001 SELECT TOPSOIL		
STATION TO STATION	SIDE	CY
115+00.00 - 121+00.00	LT. & RT.	29

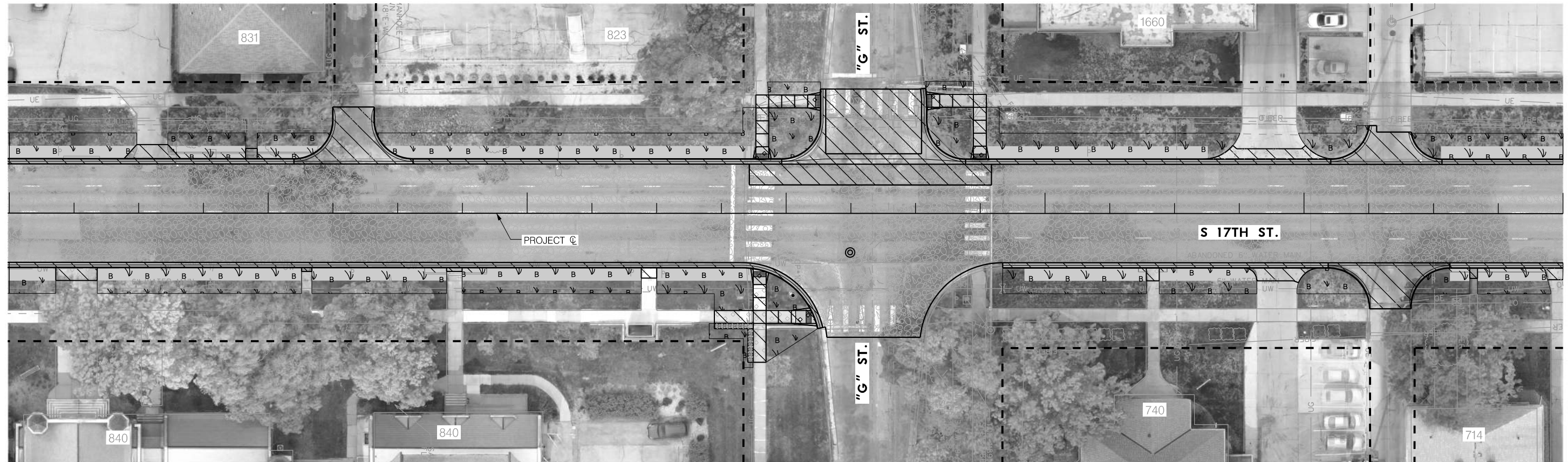
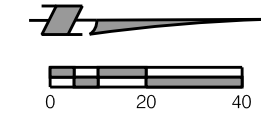
NOTE: SELECT TOPSOIL TO BE PLACED AS FILL MATERIAL TO REGRADE GREENSPACE APPROX. 5 FEET BEHIND BACK OF CURB AT REMOVAL LOCATIONS OF EXISTING REDSTONE CURB.

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



CONSTRUCTION AND REMOVAL
S 17TH STREET

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
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 USER: rmeyer
 DATE: 06/03/2024
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01.11001
ADJUST MANHOLE TO GRADE

STATION	SIDE	EA
124+24.73	15.10' RT.	1

50.00005
REMOVE & SALVAGE REDSTONE CURB

STATION TO STATION	SIDE	LF
121+00.00 - 127+00.00	LT. & RT.	772

01.04001
PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
121+00.00 - 127+00.00	LT. & RT.	258

01.05001 - 01.09001
SAWING

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

04.09304
CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
121+00.00 - 127+00.00	LT. & RT.	4"	797

04.09305 - 04.09310
CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
121+00.00 - 127+00.00	LT. & RT.	10"	197

04.09405 - 04.09406
CONCRETE DRIVEWAY

STATION TO STATION	SIDE	THICK	SF
121+00.00 - 127+00.00	LT. & RT.	5"	374

04.09601
COMBINED CURB & GUTTER

STATION TO STATION	SIDE	LF
121+00.00 - 127+00.00	LT. & RT.	933

04.10006 - 04.10008
P.C.C. ALLEY PAVEMENT

STATION TO STATION	SIDE	THICK	SY
121+00.00 - 127+00.00	LT. & RT.	6"	145

04.09106 - 04.09110
P.C.C. PAVEMENT WITH INTEGRAL CURB

STATION TO STATION	SIDE	THICK	SY
123+98.29 - 124+69.29	LT.	10"	47

04.11001
DETECTABLE WARNING PANELS

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

05.07005 - 05.07008
CONCRETE BASE, LB-3500

STATION TO STATION	SIDE	THICK	SY
121+00.00 - 127+00.00	LT. & RT.	8"	450

06.04000
SURFACE MILLING

STATION TO STATION	SIDE	SY
121+00.00 - 127+00.00	LT. & RT.	2,616

06.06001 - 06.06004
ASPHALTIC CONCRETE

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

07.08030
MODULAR BLOCK RET. WALL

STATION TO STATION	SIDE	SF
123+72.29 - 123+87.29	RT.	60

30.07001 - 30.07004
SEEDING, TYPE 'B'

STATION TO STATION	SIDE	AC
121+00.00 - 127+00.00	LT. & RT.	0.23

02.09001
PARKING SPACE FINISH

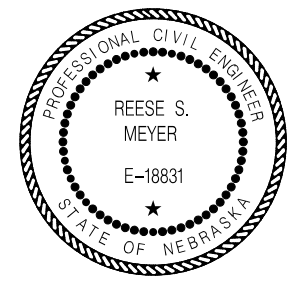
STATION TO STATION	SIDE	SY
121+00.00 - 127+00.00	LT. & RT.	412

31.03001
SELECT TOPSOIL

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.



CONSTRUCTION AND REMOVAL
 S 17TH STREET

02.02012 - 02.02036

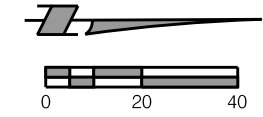
TREE REMOVAL

STATION	SIDE	SIZE	EA
128+67.30	41.71' LT.	12" to 23"	1

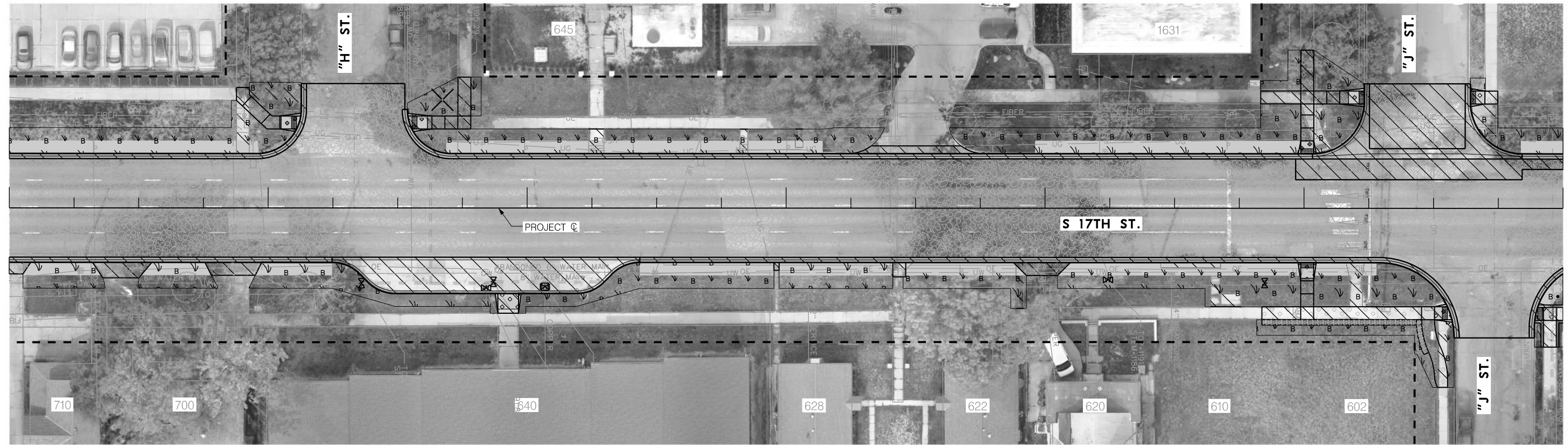
01.04001

PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
127+00.00 - 133+00.00	LT. & RT.	282



PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
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01.13001

ADJUST WATER VALVE BOX TO GRADE

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

01.13002

ADJUST WATER STOP BOX TO GRADE

STATION	SIDE	EA
129+06.85	30.35' RT.	1

50.00005

REMOVE & SALVAGE REDSTONE CURB

STATION TO STATION	SIDE	LF
127+00.00 - 133+00.00	LT. & RT.	736

01.05001 - 01.09001

SAWING

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

04.09601

COMBINED CURB & GUTTER

STATION TO STATION	SIDE	LF
127+00.00 - 133+00.00	LT. & RT.	992

04.09106 - 04.09110

P.C.C. PAVEMENT WITH INTEGRAL CURB

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

04.09304

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
127+00.00 - 133+00.00	LT. & RT.	4"	1,285

04.09305 - 04.09310

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
127+00.00 - 133+00.00	LT. & RT.	10"	354

04.09405 - 04.09406

CONCRETE DRIVEWAY

STATION TO STATION	SIDE	THICK	SF
127+00.00 - 133+00.00	RT.	5"	324
127+00.00 - 133+00.00	LT.	6"	122

05.07005 - 05.07008

CONCRETE BASE, LB-3500

STATION TO STATION	SIDE	THICK	SY
127+00.00 - 133+00.00	LT. & RT.	8"	460

04.11001

DETECTABLE WARNING PANELS

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' RT.	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

06.04000

SURFACE MILLING

STATION TO STATION	SIDE	SY
127+00.00 - 133+00.00	LT. & RT.	2,718

06.06001 - 06.06004

ASPHALTIC CONCRETE

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

07.08030

MODULAR BLOCK RET. WALL

STATION TO STATION	SIDE	SF
131+83.75 - 132+48.18	RT.	150

30.07001 - 30.07004

SEEDING, TYPE 'B'

STATION TO STATION	SIDE	AC
127+00.00 - 133+00.00	LT. & RT.	0.26

31.03001

SELECT TOPSOIL

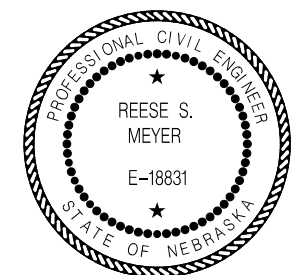
STATION TO STATION	SIDE	CY
127+00.00 - 133+00.00	LT. & RT.	29

02.09001

PARKING SPACE FINISH

STATION TO STATION	SIDE	SY
127+00.00 - 133+00.00	LT. & RT.	401

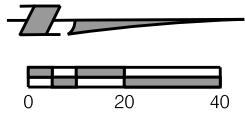
NOTE: QUANTITIES REFLECT 10% OF BASE REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.



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	

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	

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	

PARKING SPACE FINISH			02.09001
STATION TO STATION	SIDE	SY	
133+00.00 - 136+00.00	LT. & RT.	294	

CONCRETE SIDEWALK				04.09305 - 04.09310
STATION TO STATION	SIDE	THICK	SF	
133+00.00 - 139+00.00	RT.	10"	72	

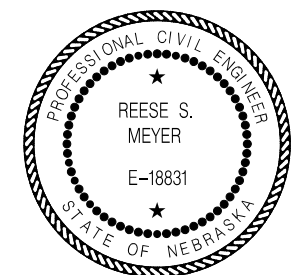
DETECTABLE WARNING PANELS			04.11001
STATION	SIDE	SF	
136+09.90	25.02' RT.	10	
136+96.40	25.50' RT.	10	

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.	

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.



CONSTRUCTION AND REMOVAL
S 17TH STREET

ADJUST WATER VALVE BOX TO GRADE			01.13001
STATION	SIDE	EA	
135+37.78	26.93' RT.	1	

CONCRETE DRIVEWAY				04.09405 - 04.09406
STATION TO STATION	SIDE	THICK	SF	
133+00.00 - 139+00.00	RT.	5"	278	

CURB RAMPS - L.S.P. 600			
STATION	SIDE	TYPE	
136+09.90	25.02' RT.	E	
136+96.40	25.50' RT.	E	

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	

COMBINED CURB & GUTTER			04.09601
STATION TO STATION	SIDE	LF	
133+00.00 - 139+00.00	LT. & RT.	554	

CONCRETE BASE, LB-3500				05.07005 - 05.07008
STATION TO STATION	SIDE	THICK	SY	
133+00.00 - 139+00.00	LT. & RT.	8"	412	

REMOVE & SALVAGE REDSTONE CURB			50.00005
STATION TO STATION	SIDE	LF	
133+00.00 - 136+00.00	LT. & RT.	405	

CONCRETE BARRIER CURB			04.09602
STATION TO STATION	SIDE	LF	
136+00.00 - 139+00.00	LT.	45	

SURFACE MILLING			06.04000
STATION TO STATION	SIDE	SY	
133+00.00 - 139+00.00	LT. & RT.	2,935	

RECONSTRUCT INLET THROAT			21.08008
NO.	STATION	OFFSET	
70	135+97.46	23.08' LT.	
80	135+97.72	23.85' RT.	

SEEDING, TYPE 'B'			30.07001 - 30.07004
STATION TO STATION	SIDE	AC	
133+00.00 - 139+00.00	LT. & RT.	0.13	

139+00 140+00 141+00 142+00 143+00

144+00 145+00

 601 P. ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	 PROJECT NO. L21-06225	PROJECT NO.	SHEET NO.
		705563	22
		Date: 06/03/2024	Drawn: SMH
		Horz. Scale: 1 : 40	Checked: RSM
			Approved: RSM

23.04122 - 23.04129

REMOVE FITTING

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

01.05001 - 01.09001

SAWING

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

01.04001

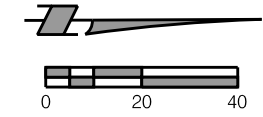
PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
139+00.00 - 145+00.00	LT. & RT.	221

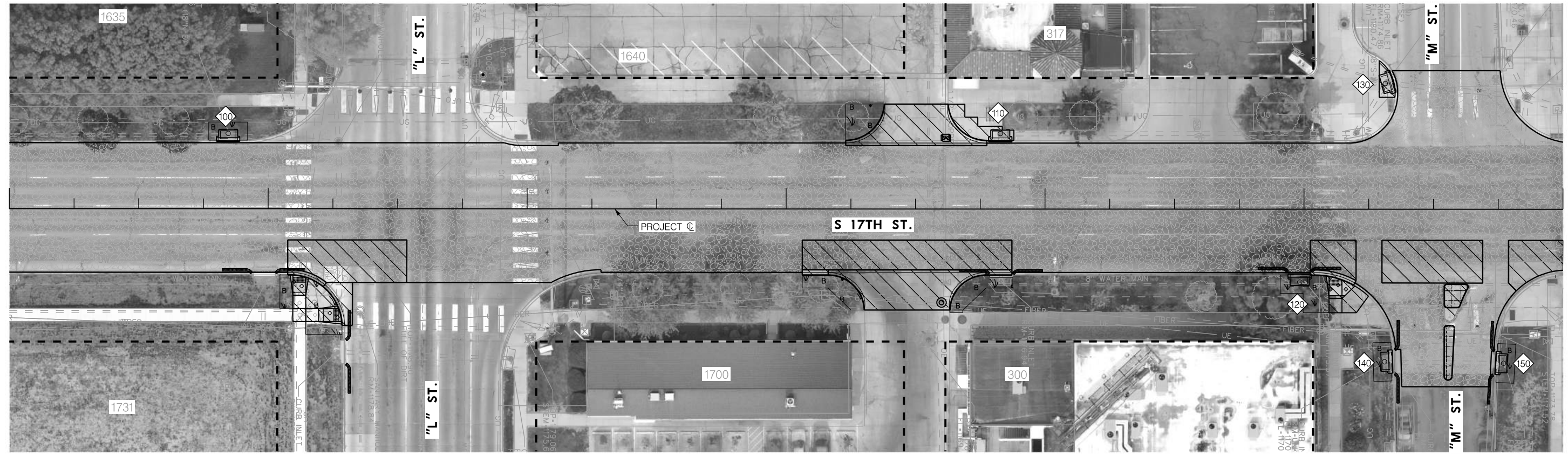
01.13002

ADJUST WATER STOP BOX TO GRADE

STATION	SIDE	EA
142+61.69	27.50' LT.	1



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street/A to S 17g
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21.13006

REM EX INLET TOP ONLY

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

04.09106 - 04.09110

P.C.C. PAVEMENT WITH INTEGRAL CURB

STATION TO STATION	SIDE	THICK	SY
139+00.00 - 145+00.00	RT.	10"	13

04.09304

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
139+00.00 - 145+00.00	LT. & RT.	4"	416

04.09305 - 04.09310

CONCRETE SIDEWALK

STATION TO STATION	SIDE	THICK	SF
139+00.00 - 145+00.00	LT. & RT.	10"	138

04.10006 - 04.10008

P.C.C. ALLEY PAVEMENT

STATION TO STATION	SIDE	THICK	SY
139+00.00 - 145+00.00	LT. & RT.	6"	134

05.07005 - 05.07008

CONCRETE BASE, LB-3500

STATION TO STATION	SIDE	THICK	SY
139+00.00 - 145+00.00	LT. & RT.	8"	655

04.11001

DETECTABLE WARNING PANELS

STATION	SIDE	SF
140+12.03	25.81' RT.	10
140+28.01	41.00' RT.	10
144+12.18	26.52' RT.	10

32.04001 - 32.04003

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION

STATION TO STATION	SIDE	EA
139+00.00 - 145+00.00	RT.	6

30.07001 - 30.07004

SEEDING, TYPE 'B'

STATION TO STATION	SIDE	AC
139+00.00 - 145+00.00	LT. & RT.	0.03

06.06001 - 06.06004

ASPHALTIC CONCRETE

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

06.04000

SURFACE MILLING

STATION TO STATION	SIDE	SY
139+00.00 - 145+00.00	LT. & RT.	3,415

04.09601

COMBINED CURB & GUTTER

STATION TO STATION	SIDE	LF
139+00.00 - 145+00.00	RT.	53

04.09602

CONCRETE BARRIER CURB

STATION TO STATION	SIDE	LF
139+00.00 - 145+00.00	LT.	80

04.09806

6" TACK-ON CONC. MEDIAN

STATION TO STATION	SIDE	SF
139+00.00 - 145+00.00	RT.	139

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

21.08007

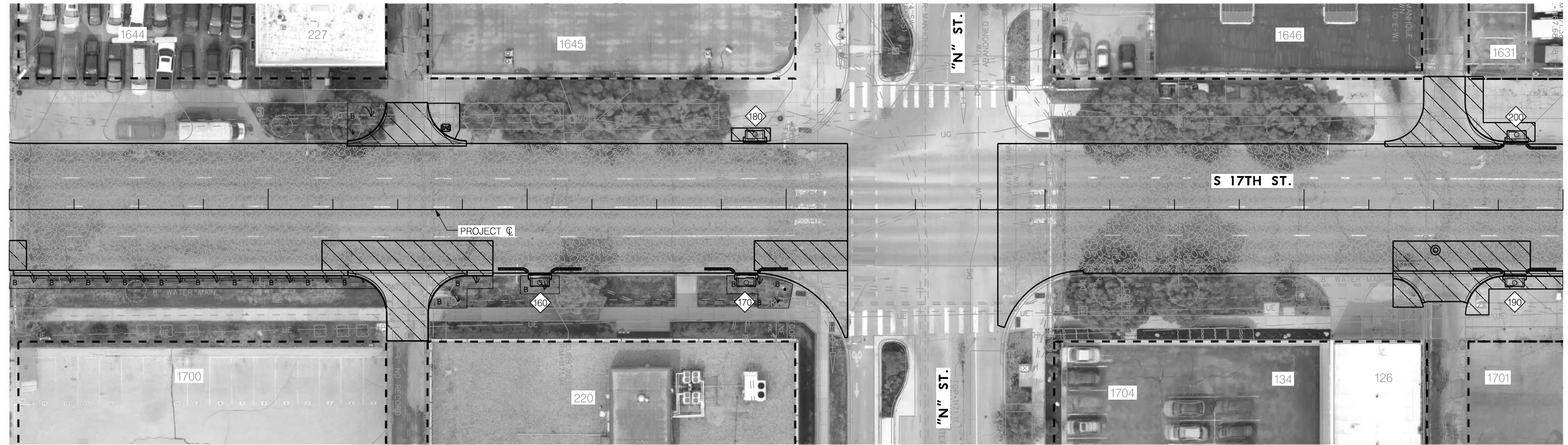
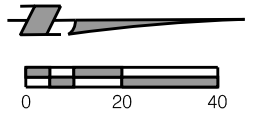
STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE

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.



CONSTRUCTION AND REMOVAL
S 17TH STREET



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21.13006

REM EX INLET TOP ONLY		
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

01.11001

ADJUST MANHOLE TO GRADE		
STATION	SIDE	EA
150+50.81	15.48' RT.	1

01.13002

ADJUST WATER STOP BOX TO GRADE		
STATION	SIDE	EA
146+68.57	31.52' LT.	1

23.04122 - 23.04129

REMOVE FITTING				
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

01.04001

PAVEMENT AND SIDEWALK REMOVAL		
STATION TO STATION	SIDE	CY
145+00.00 - 151+00.00	LT. & RT.	212

01.05001 - 01.09001

SAWING				
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	

04.09602

CONCRETE BARRIER CURB		
STATION TO STATION	SIDE	LF
145+00.00 - 151+00.00	LT. & RT.	95

04.09304

CONCRETE SIDEWALK				
STATION TO STATION	SIDE	THICK	SF	
145+00.00 - 151+00.00	LT. & RT.	4"	799	

05.07005 - 05.07008

CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
145+00.00 - 151+00.00	LT. & RT.	8"	478

04.09601

COMBINED CURB & GUTTER		
STATION TO STATION	SIDE	LF
145+00.00 - 151+00.00	RT.	162

04.10006 - 04.10008

P.C.C. ALLEY PAVEMENT			
STATION TO STATION	SIDE	THICK	SY
145+00.00 - 151+00.00	LT. & RT.	6"	216

06.04000

SURFACE MILLING		
STATION TO STATION	SIDE	SY
145+00.00 - 151+00.00	LT. & RT.	2,818

06.06001 - 06.06004

ASPHALTIC CONCRETE				
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	

21.08007

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE		
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.

21.08008

RECONSTRUCT INLET THROAT		
NO.	STATION	OFFSET
190	150+81.35	28.11' RT.

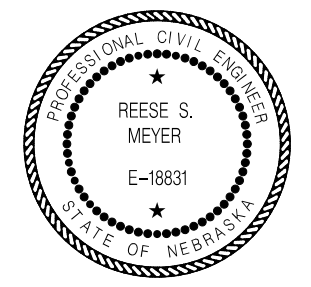
30.07001 - 30.07004

SEEDING, TYPE 'B'		
STATION TO STATION	SIDE	AC
145+00.00 - 151+00.00	LT. & RT.	0.03

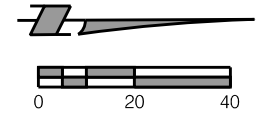
32.04001 - 32.04003

INSTALL, MAINT., REMOVAL CURB INLET PROTECTION		
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.



CONSTRUCTION AND REMOVAL
S 17TH STREET



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
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21.13006

REM EX INLET TOP ONLY		
STATION	OFFSET	EA
151+89.52	29.11' LT.	1
153+32.84	29.12' LT.	1
154+27.73	29.12' LT.	1

01.13001

ADJUST WATER VALVE BOX TO GRADE		
STATION	SIDE	EA
153+40.29	19.18' RT.	1

01.05001 - 01.09001

SAWING			
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

01.04001

PAVEMENT AND SIDEWALK REMOVAL			
STATION TO STATION	SIDE	CY	
151+00.00 - 157+00.00	LT. & RT.	87	

04.09304

CONCRETE SIDEWALK				
STATION TO STATION	SIDE	THICK	SF	
151+00.00 - 157+00.00	LT. & RT.	4"	317	

04.09405 - 04.09406

CONCRETE DRIVEWAY				
STATION TO STATION	SIDE	THICK	SF	
151+00.00 - 157+00.00	RT.	5"	157	

04.09602

CONCRETE BARRIER CURB			
STATION TO STATION	SIDE	LF	
151+00.00 - 157+00.00	LT. & RT.	90	

04.10006 - 04.10008

P.C.C. ALLEY PAVEMENT				
STATION TO STATION	SIDE	THICK	SY	
151+00.00 - 157+00.00	LT.	6"	32	

05.07005 - 05.07008

CONCRETE BASE, LB-3500				
STATION TO STATION	SIDE	THICK	SY	
151+00.00 - 157+00.00	LT. & RT.	8"	254	

06.04000

SURFACE MILLING			
STATION TO STATION	SIDE	SY	
151+00.00 - 157+00.00	LT. & RT.	2,603	

06.06001 - 06.06004

ASPHALTIC CONCRETE				
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	

04.09601

COMBINED CURB & GUTTER			
STATION TO STATION	SIDE	LF	
151+00.00 - 157+00.00	RT.	59	

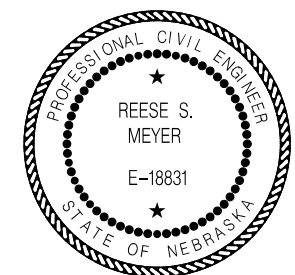
21.08007

STORM DRAIN INLET TOP ONLY, 72" ARMORED FACE		
NO.	STATION	OFFSET
210	151+89.52	29.11' LT.
220	153+32.84	29.12' LT.
230	154+27.73	29.12' LT.

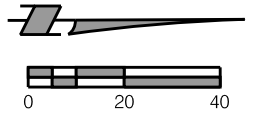
30.07001 - 30.07004

SEEDING, TYPE 'B'			
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.



CONSTRUCTION AND REMOVAL
N 17TH STREET



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...tables\pen\CR_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563CR1.dgn



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.



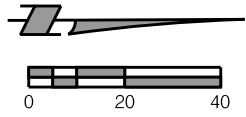
CONSTRUCTION AND REMOVAL
N 17TH STREET

SAWING 01.05001 - 01.09001

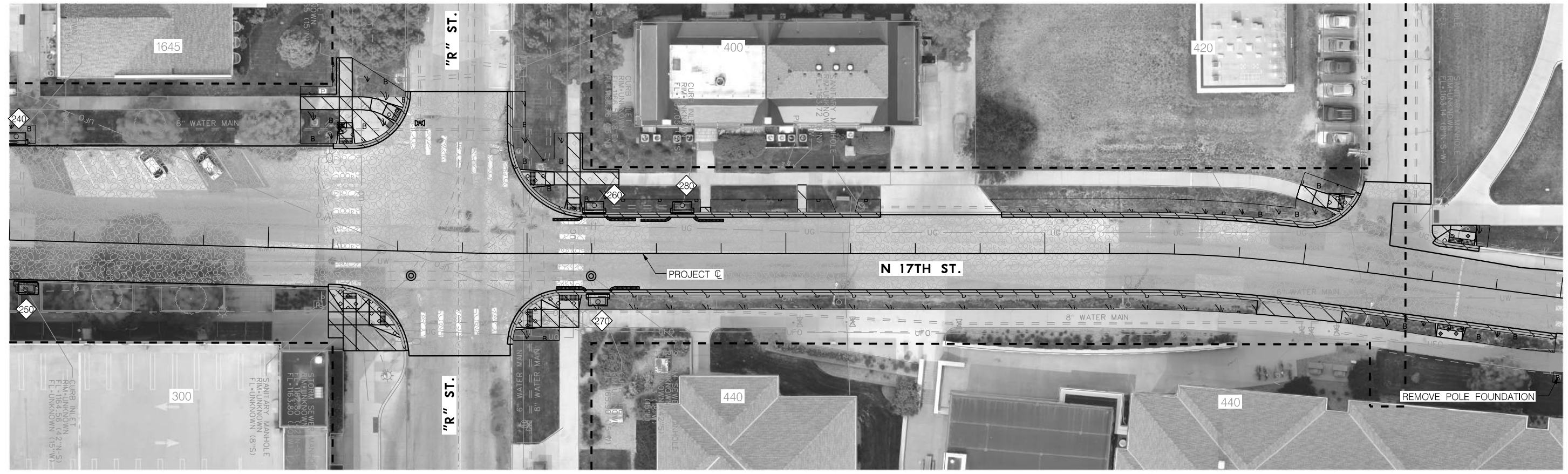
STATION TO STATION	SIDE	TYPE	LF
163+00.00 - 169+00.00	LT. & RT.	'B'	1,716
163+00.00 - 169+00.00	LT. & RT.	'C'	151
163+00.00 - 169+00.00	LT. & RT.	'D'	105

PAVEMENT AND SIDEWALK REMOVAL 01.04001

STATION TO STATION	SIDE	CY
163+00.00 - 169+00.00	LT. & RT.	191



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...tables\pen\CR_Pentable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563CR12.dgn



REM POLE FOUNDATION 50.00001

STATION	OFFSET	EA
169+03.25	30.40' RT.	1

CONCRETE BARRIER CURB 04.09602

STATION TO STATION	SIDE	LF
163+00.00 - 169+00.00	LT. & RT.	25

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

SURFACE MILLING 06.04000

STATION TO STATION	SIDE	SY
163+00.00 - 169+00.00	LT. & RT.	2,703

SEEDING, TYPE 'B' 30.07001 - 30.07004

STATION TO STATION	SIDE	AC
163+00.00 - 169+00.00	LT. & RT.	0.10

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

CONCRETE BASE, LB-3500 05.07005 - 05.07008

STATION TO STATION	SIDE	THICK	SY
163+00.00 - 169+00.00	LT. & RT.	8"	406

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

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

STATION TO STATION	SIDE	EA
163+00.00 - 169+00.00	LT. & RT.	3

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

CONCRETE SIDEWALK 04.09304

STATION TO STATION	SIDE	THICK	SF
163+00.00 - 169+00.00	LT. & RT.	4"	1,360

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

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.

ADJUST MANHOLE TO GRADE 01.11001

STATION	SIDE	EA
164+55.50	9.40' RT.	1
165+24.79	8.67' RT.	1

CONCRETE SIDEWALK 04.09305 - 04.09310

STATION TO STATION	SIDE	THICK	SF
163+00.00 - 169+00.00	LT. & RT.	10"	621

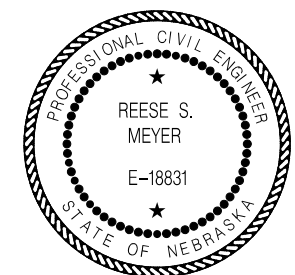
COMBINED CURB & GUTTER 04.09601

STATION TO STATION	SIDE	LF
163+00.00 - 169+00.00	LT. & RT.	831

RECONSTRUCT INLET THROAT 21.08008

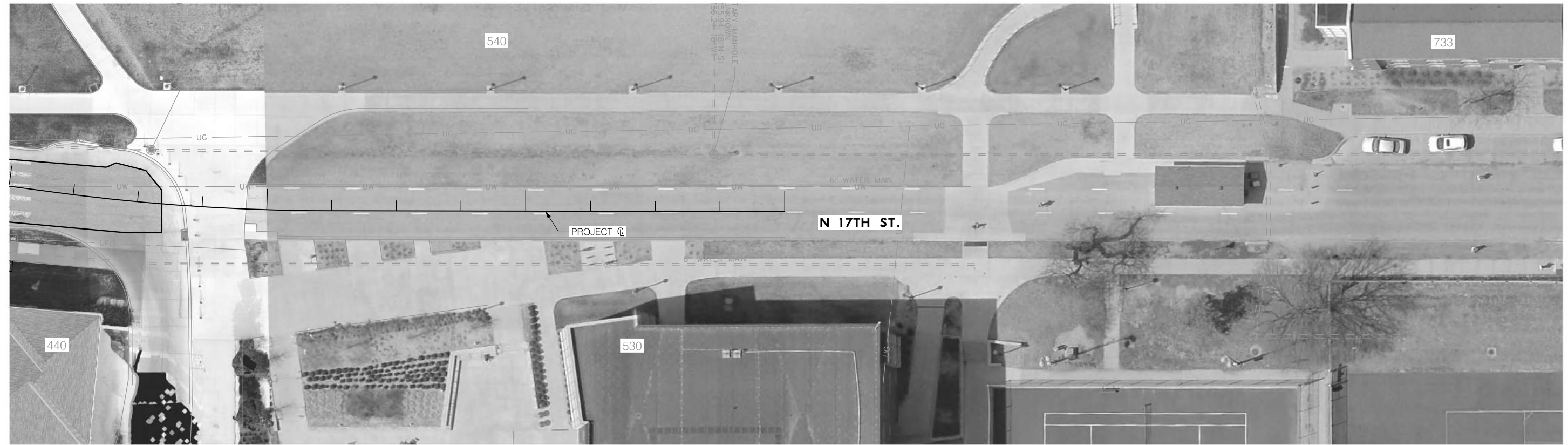
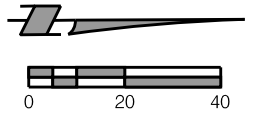
NO.	STATION	OFFSET
260	165+25.98	18.11' LT.
270	165+27.41	18.19' RT.
280	165+59.97	17.73' LT.

NOTE: QUANTITIES REFLECT 15% OF BASE REPLACEMENT & 10% BARRIER CURB REPLACEMENT AS DIRECTED BY THE PROJECT MANAGER.



CONSTRUCTION AND REMOVAL
N 17TH STREET

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.dwg
 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	

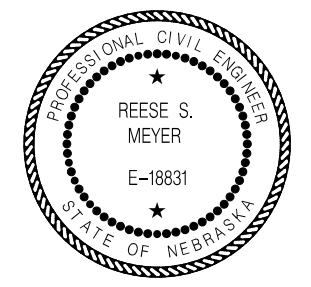
NOTE: QUANTITIES REFLECT 10% OF
BASE REPLACEMENT AS DIRECTED
BY THE PROJECT MANAGER.

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	

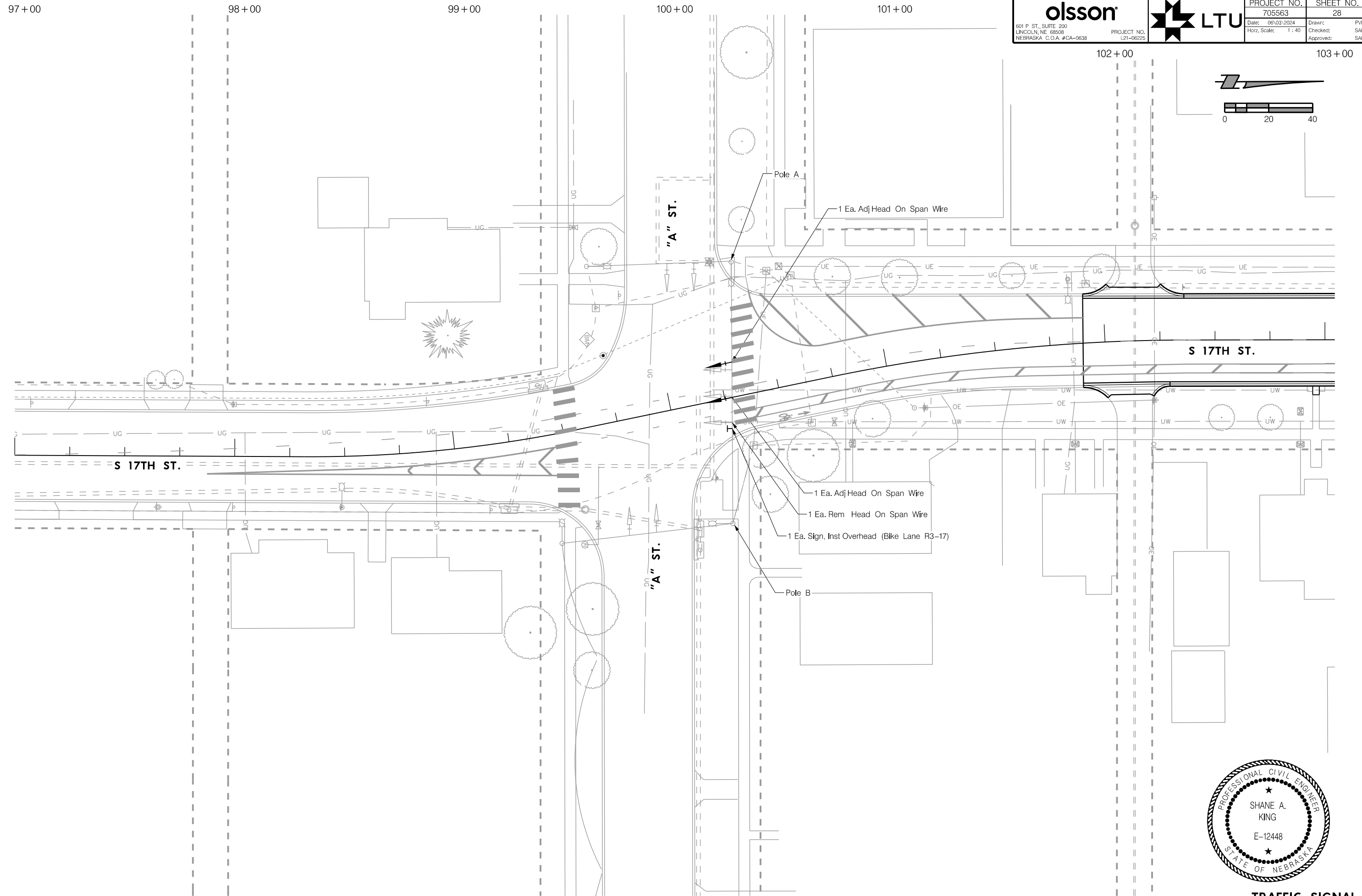
SAWING				01.05001 - 01.09001
STATION TO STATION	SIDE	TYPE	LF	
169+00.00 - 169+60.23	LT. & RT.	'B'	68	

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	

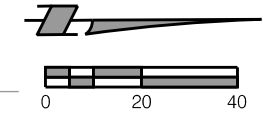


CONSTRUCTION AND REMOVAL
N 17TH STREET

PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...:\tables\pen\NS_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\705563\T501.dgn

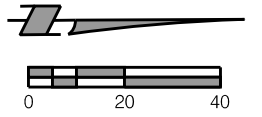
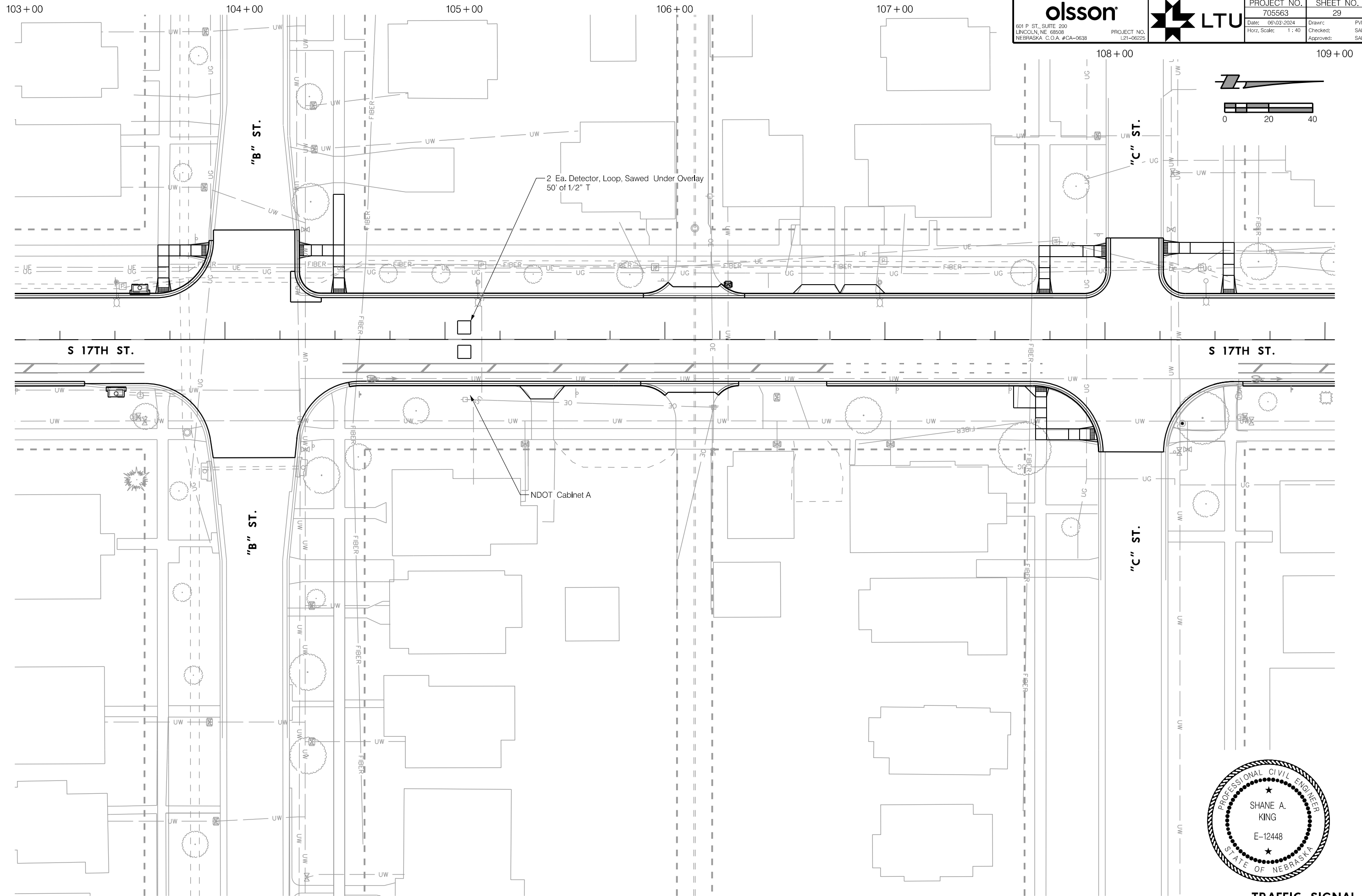


olsson 601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	PROJECT NO.	SHEET NO.
	705563	28
PROJECT NO. L21-06225	Date: 06/03/2024	Drawn: PJK
	Horz. Scale: 1 : 40	Checked: SAK
		Approved: SAK



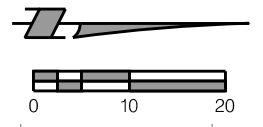
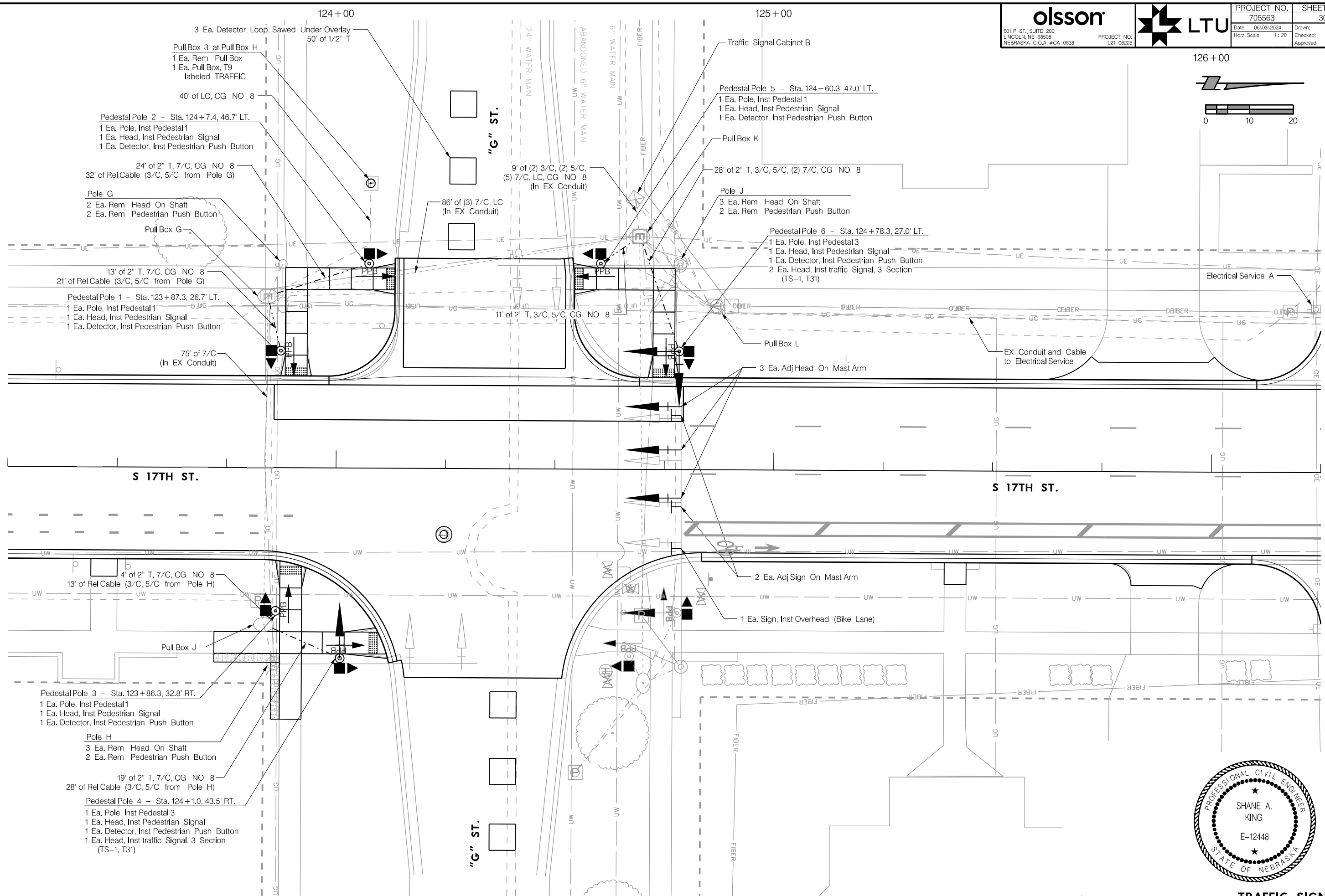
TRAFFIC SIGNAL
 S 17TH STREET

PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S 17g
 PEN: ...\\ables\pen\NS_pentable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...7055631S02.dgn



TRAFFIC SIGNAL
 S 17TH STREET

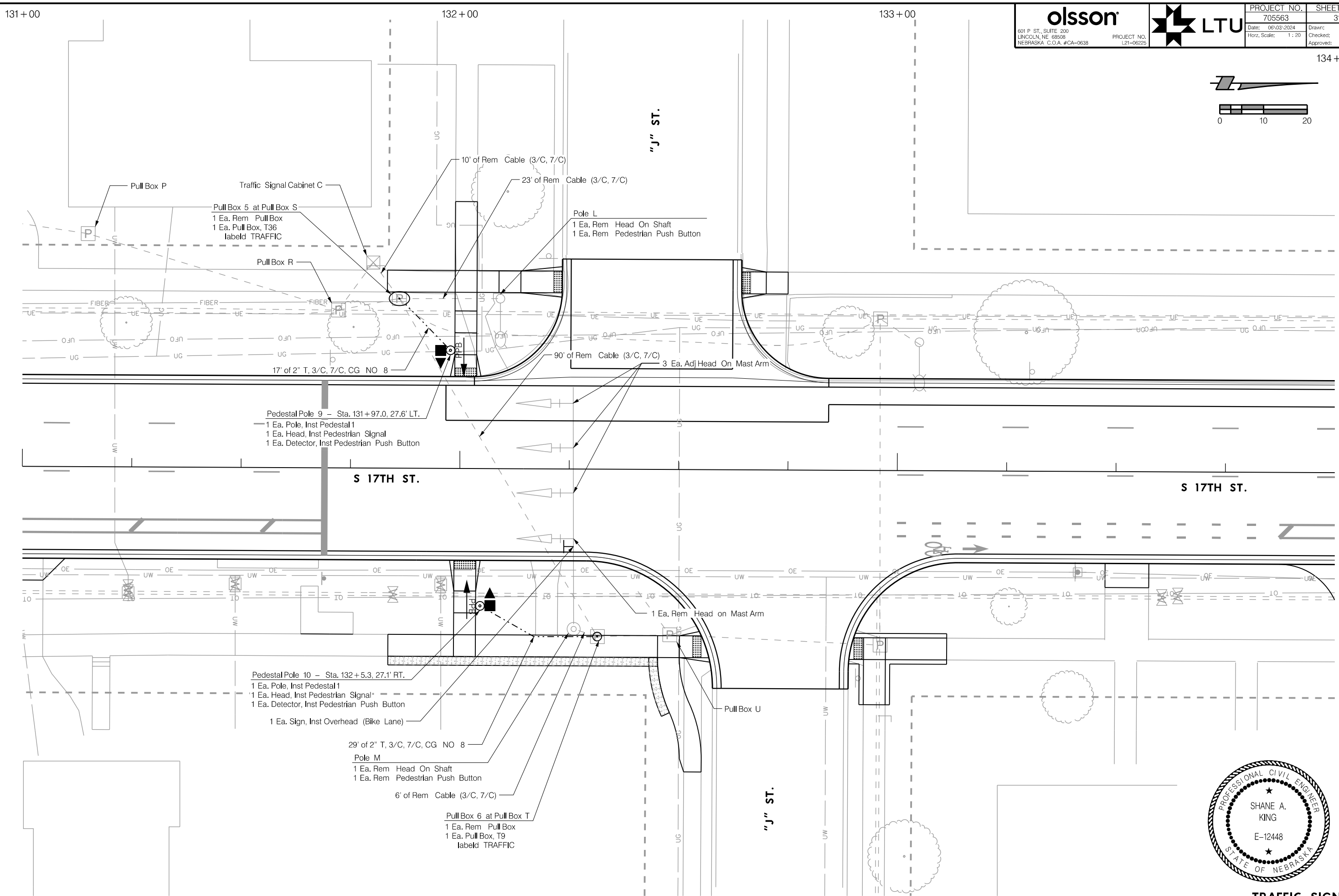
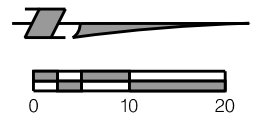
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 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...7055631S03.dgn



TRAFFIC SIGNAL
S 17TH STREET

PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...tables\pen\NS_pentable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563T504.dgn

134+00



Pull Box P
 Traffic Signal Cabinet C
 Pull Box 5 at Pull Box S
 1 Ea. Rem Pull Box
 1 Ea. Pull Box, T36
 labeld TRAFFIC

Pole L
 1 Ea. Rem Head On Shaft
 1 Ea. Rem Pedestrian Push Button

Pedestal Pole 9 - Sta. 131+97.0, 27.6' LT.
 1 Ea. Pole, Inst Pedestal 1
 1 Ea. Head, Inst Pedestrian Signal
 1 Ea. Detector, Inst Pedestrian Push Button

Pedestal Pole 10 - Sta. 132+5.3, 27.1' RT.
 1 Ea. Pole, Inst Pedestal 1
 1 Ea. Head, Inst Pedestrian Signal
 1 Ea. Detector, Inst Pedestrian Push Button
 1 Ea. Sign, Inst Overhead (Bike Lane)

29' of 2" T, 3/C, 7/C, CG NO 8
 Pole M
 1 Ea. Rem Head On Shaft
 1 Ea. Rem Pedestrian Push Button

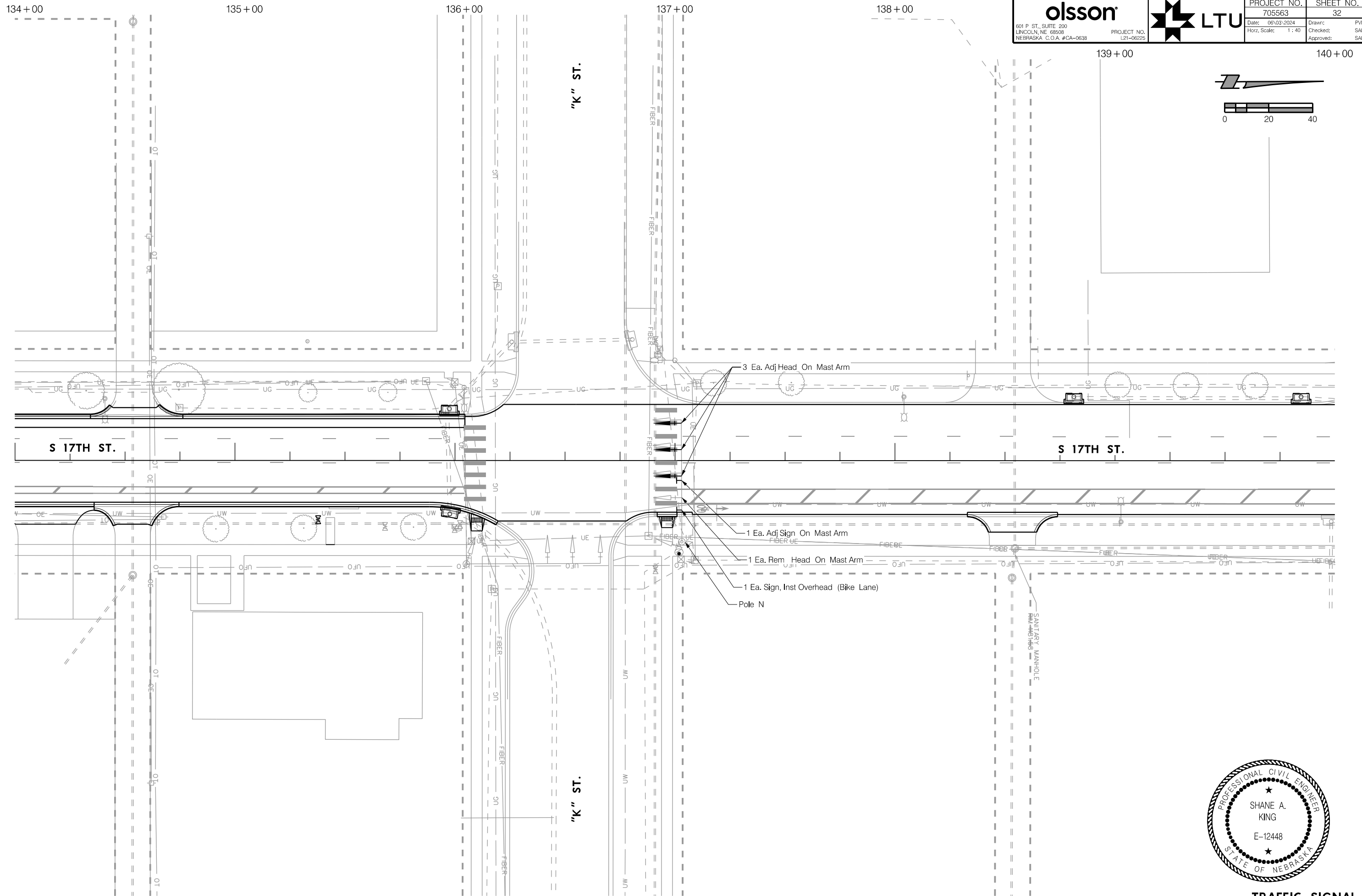
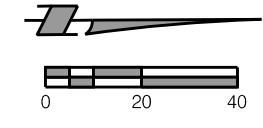
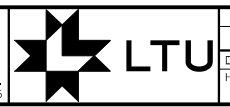
Pull Box 6 at Pull Box T
 1 Ea. Rem Pull Box
 1 Ea. Pull Box, T9
 labeld TRAFFIC



TRAFFIC SIGNAL
S 17TH STREET

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...\\ables\pen\NS_pentable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...\\7055631S06.dgn

olsson <small>601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638</small>	PROJECT NO. 705563	SHEET NO. 32
	<small>Date: 06/03/2024 Horiz. Scale: 1 : 40</small>	<small>Drawn: PJK Checked: SAK Approved: SAK</small>



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...tables\pen\NS_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...7055631S06.dgn

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



PROJECT NO.	SHEET NO.
705563	33
Date: 06/03/2024	Drawn: PJK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

144+00

145+00

"L" ST.

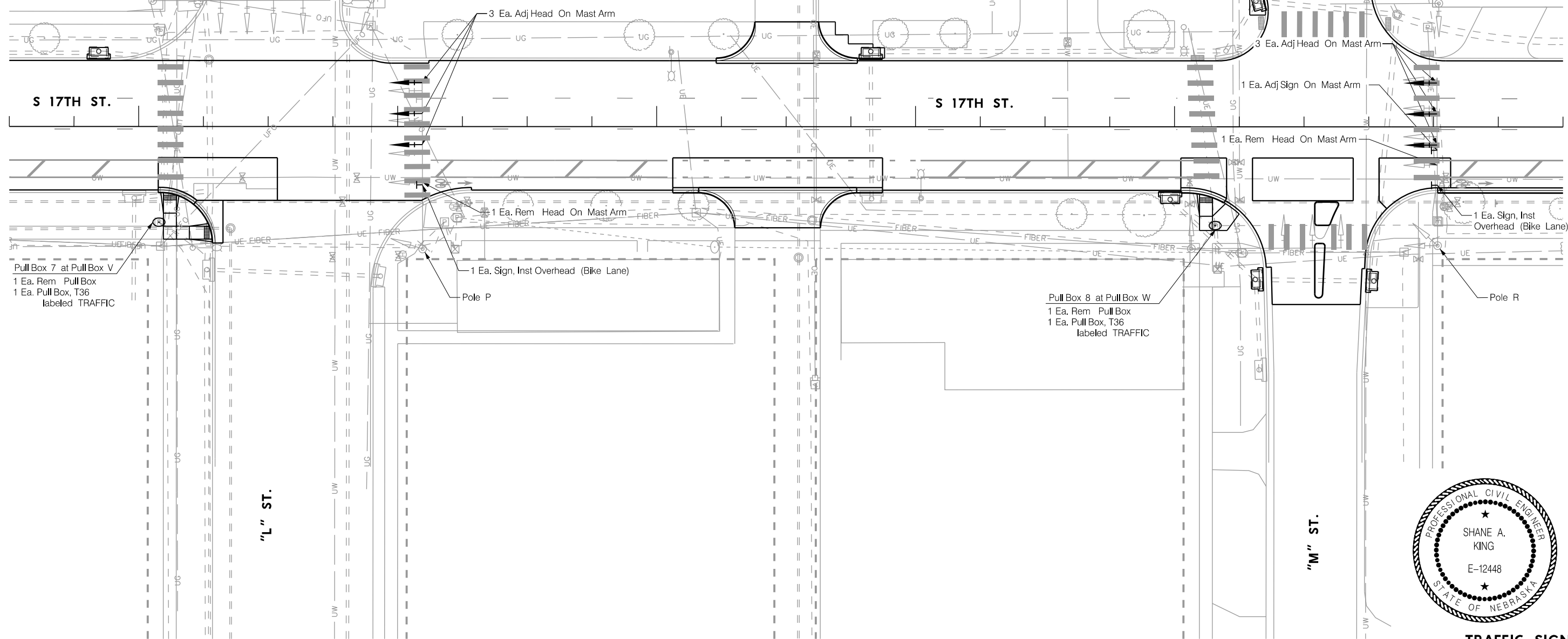
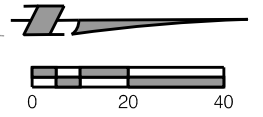
"M" ST.

S 17TH ST.

S 17TH ST.

"L" ST.

"M" ST.



TRAFFIC SIGNAL
 S 17TH STREET

PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...:\tables\pen\NS_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\705563\T507.dgn

145+00

146+00

147+00

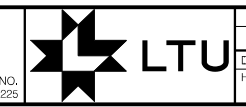
148+00

149+00

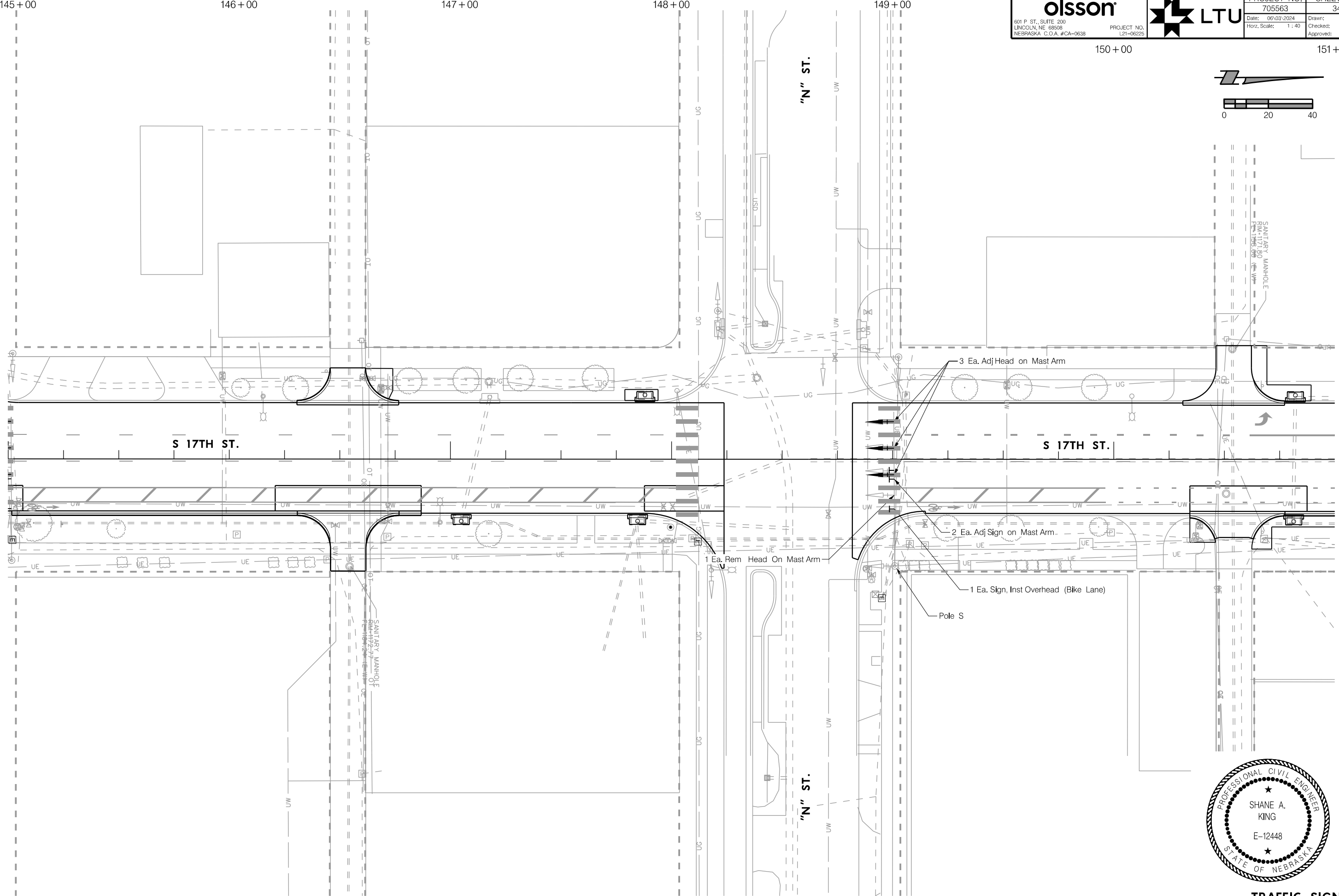
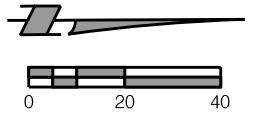
150+00

151+00

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



PROJECT NO. 705563	SHEET NO. 34
Date: 06/03/2024	Drawn: SAK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK



3 Ea. Adj Head on Mast Arm

2 Ea. Adj Sign on Mast Arm

1 Ea. Rem Head On Mast Arm

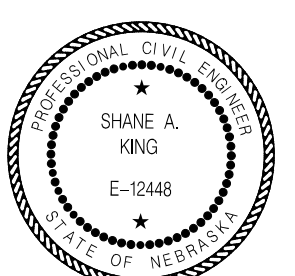
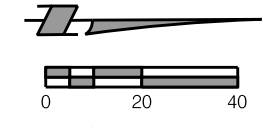
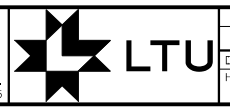
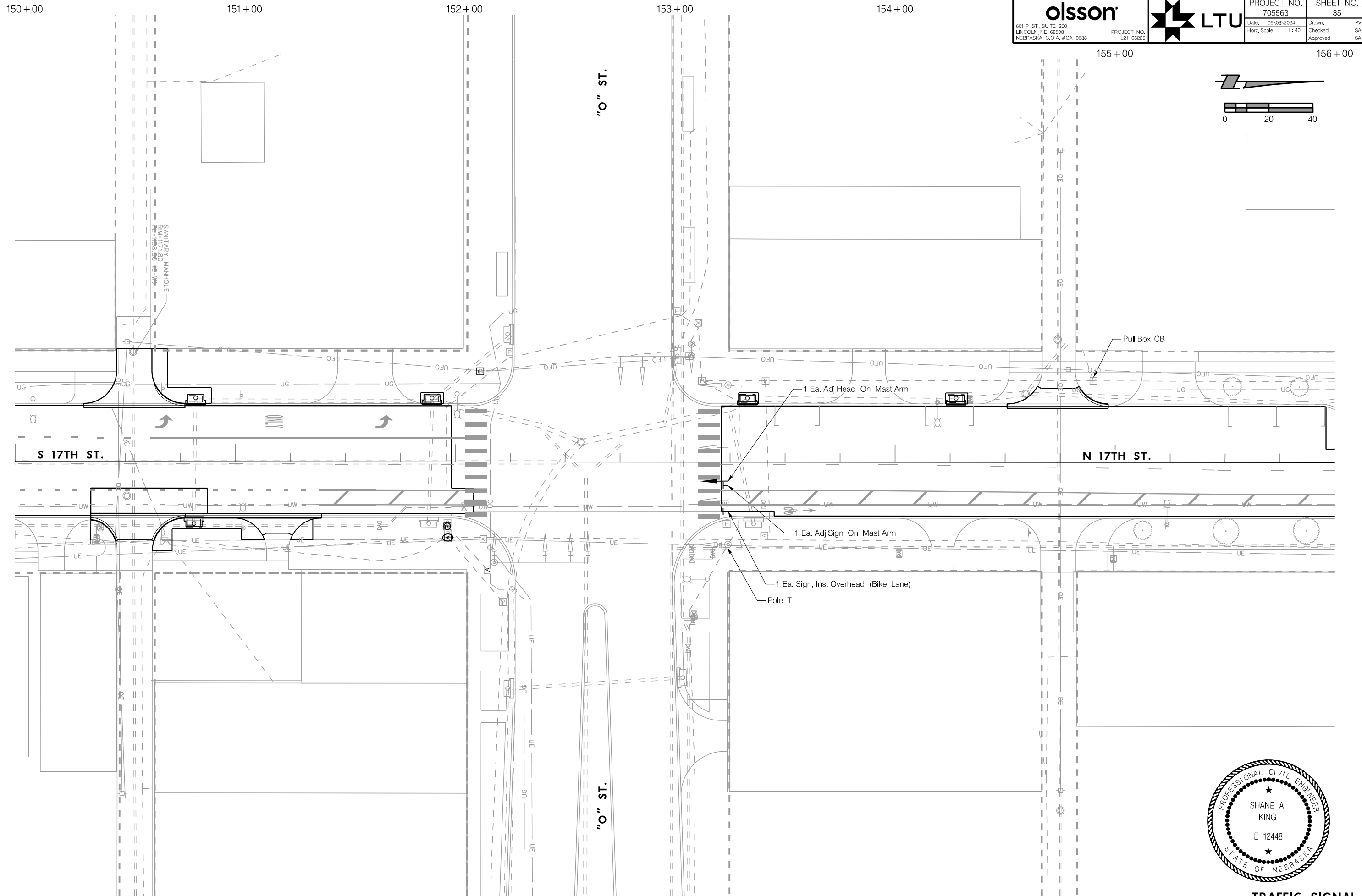
1 Ea. Sign. Inst Overhead (Bike Lane)

Pole S



TRAFFIC SIGNAL
 S 17TH STREET

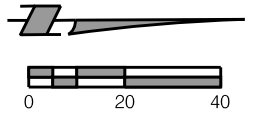
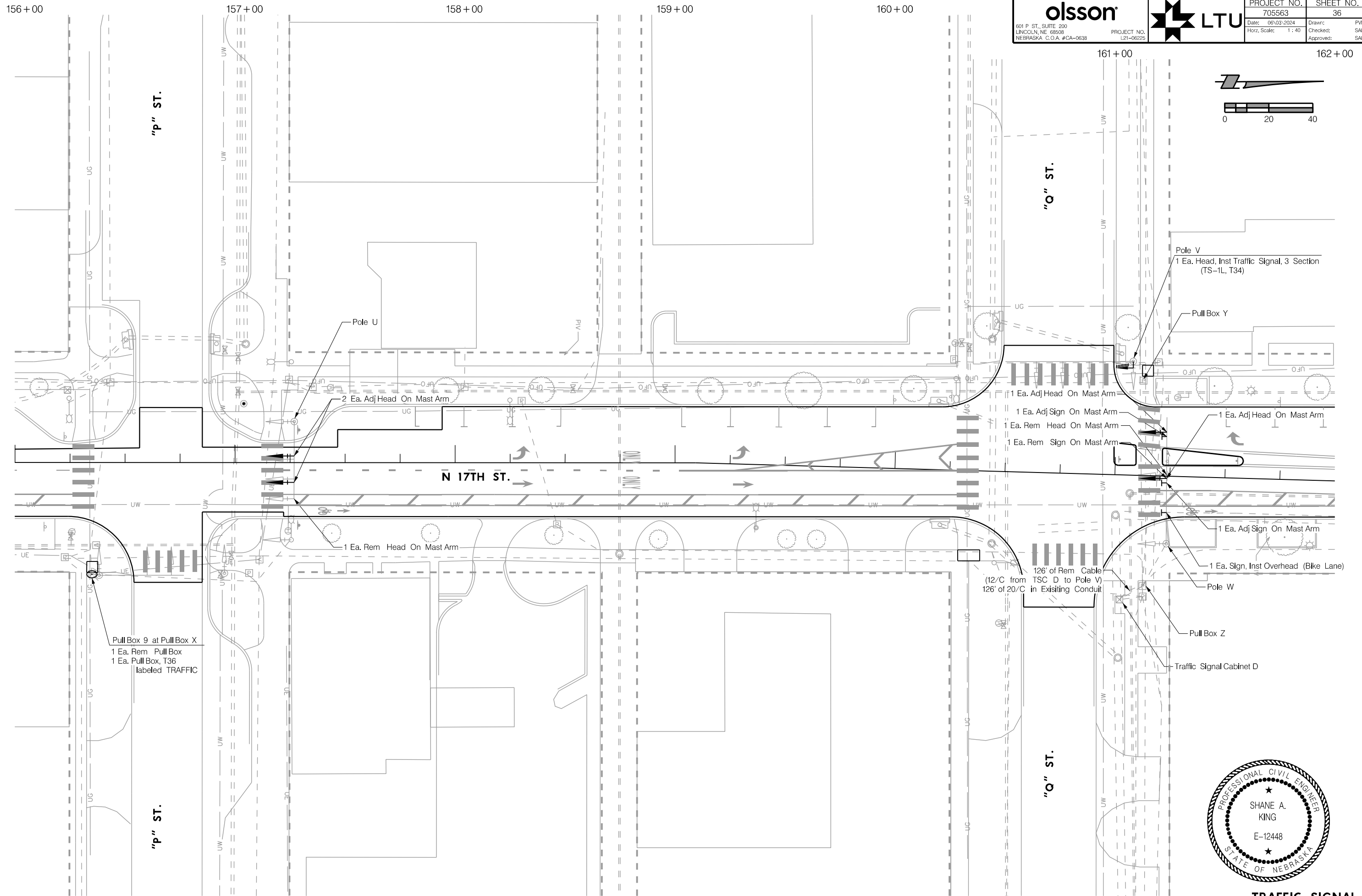
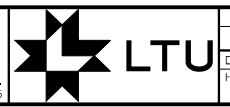
PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c1g
 PEN: ...:\tables\pen\NS_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\705563\TS08.dgn



TRAFFIC SIGNAL
 N 17TH STREET

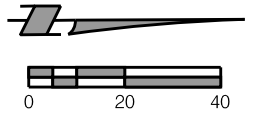
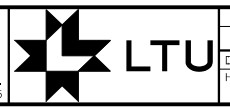
PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.ctg
 PEN: ...tables\pen\TS_penable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563TS09.dgn

olsson 601 P ST., SUITE 200 LINCOLN, NE 68508 NEBRASKA C.O.A. #CA-0638	PROJECT NO. 705563	SHEET NO. 36
	Date: 06/03/2024 Horz. Scale: 1 : 40	Drawn: SAK Checked: SAK Approved: SAK

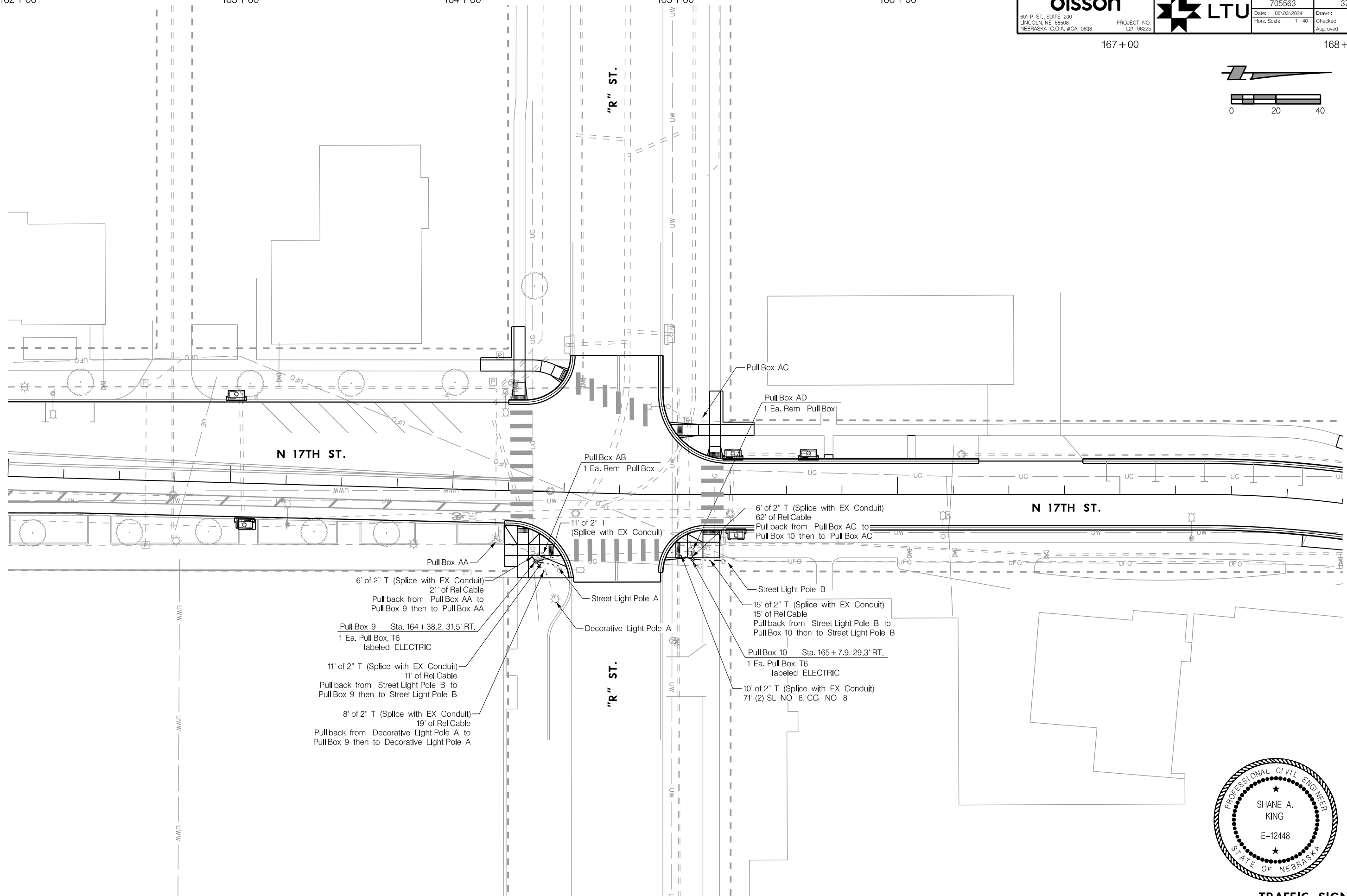


TRAFFIC SIGNAL
N 17TH STREET

162+00 163+00 164+00 165+00 166+00 167+00 168+00



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...tables\pen\NS_pentable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563T510.dgn



Pull Box AA
 6' of 2" T (Splice with EX Conduit)
 21' of Rel Cable
 Pull back from Pull Box AA to
 Pull Box 9 then to Pull Box AA
 Pull Box 9 - Sta. 164+38.2, 31.5' RT.
 1 Ea. Pull Box, T6
 labeled ELECTRIC
 11' of 2" T (Splice with EX Conduit)
 11' of Rel Cable
 Pull back from Street Light Pole B to
 Pull Box 9 then to Street Light Pole B
 8' of 2" T (Splice with EX Conduit)
 19' of Rel Cable
 Pull back from Decorative Light Pole A to
 Pull Box 9 then to Decorative Light Pole A

Pull Box AB
 1 Ea. Rem Pull Box
 11' of 2" T (Splice with EX Conduit)
 Street Light Pole A
 Decorative Light Pole A
 Pull Box AC
 Pull Box AD
 1 Ea. Rem Pull Box
 6' of 2" T (Splice with EX Conduit)
 62' of Rel Cable
 Pull back from Pull Box AC to
 Pull Box 10 then to Pull Box AC
 Street Light Pole B
 15' of 2" T (Splice with EX Conduit)
 15' of Rel Cable
 Pull back from Street Light Pole B to
 Pull Box 10 then to Street Light Pole B
 Pull Box 10 - Sta. 165+7.9, 29.3' RT.
 1 Ea. Pull Box, T6
 labeled ELECTRIC
 10' of 2" T (Splice with EX Conduit)
 71' (2) SL NO 6, CG NO 8

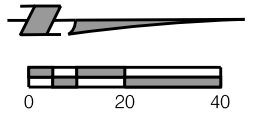


TRAFFIC SIGNAL
 N 17TH STREET

PROJ: FDWY_021-06225-L_Lincoln NE TRANS 17th Street/A to S 17g
 PEN: ...:\tables\pen\PM_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\705563\PM01.dgn

96+00

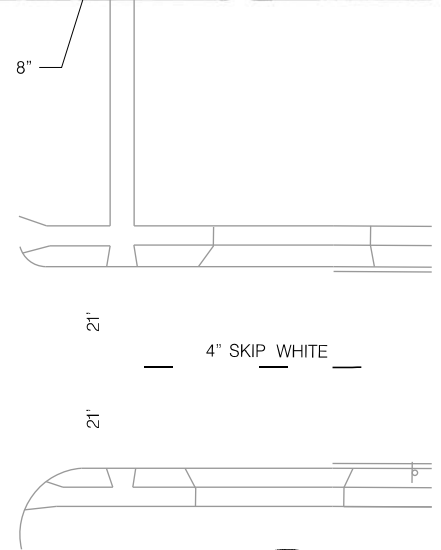
97+00



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	



97+00 98+00 99+00 100+00 101+00 102+00 103+00

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	

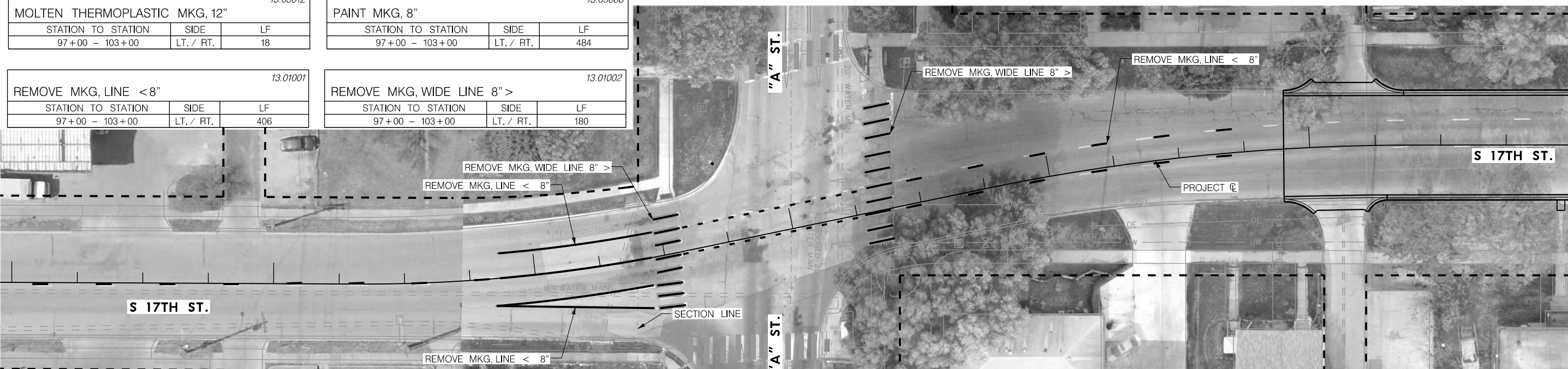
PREFORMED THERMOPLASTIC MKG, SYMBOL			13.02001
STATION TO STATION	SIDE	EA	
97+00 - 103+00	RT.	2	

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	



FOR INFORMATION ONLY

SIGN < 4 SQ. FT.		
STATION	OFFSET	EA
98+45.6	171.7' RT.	2
101+14.6	21.5' RT.	1

FOR INFORMATION ONLY

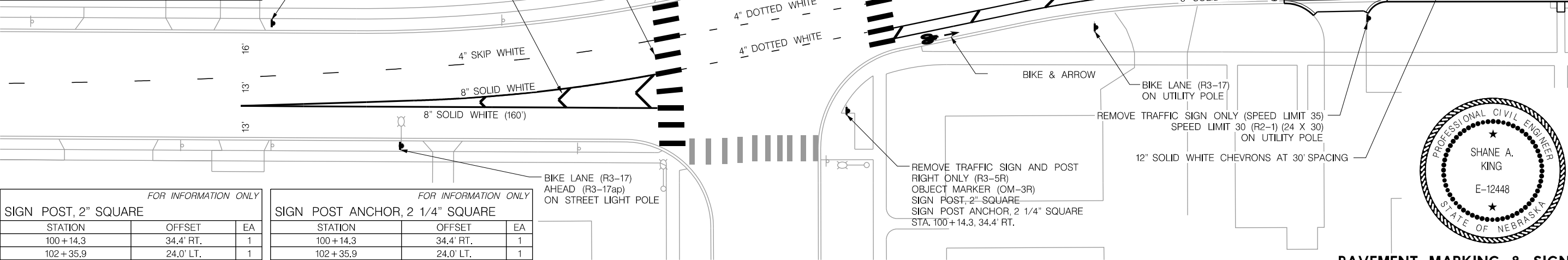
SIGN 4 SQ. FT. < 9 SQ. FT.		
STATION	OFFSET	EA
97+99.7	23.6' LT.	1
100+17.1	56.2' RT.	1
100+14.3	34.4' RT.	2
102+22.0	27.2' RT.	1
102+35.9	24.0' LT.	1

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN ONLY		
STATION	OFFSET	EA
101+85.0	29.5' LT.	1
102+22.0	27.2' RT.	1

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST		
STATION	OFFSET	EA
100+14.3	34.4' RT.	1

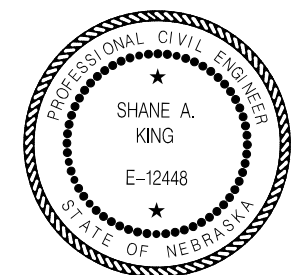


FOR INFORMATION ONLY

SIGN POST, 2" SQUARE		
STATION	OFFSET	EA
100+14.3	34.4' RT.	1
102+35.9	24.0' LT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE		
STATION	OFFSET	EA
100+14.3	34.4' RT.	1
102+35.9	24.0' LT.	1

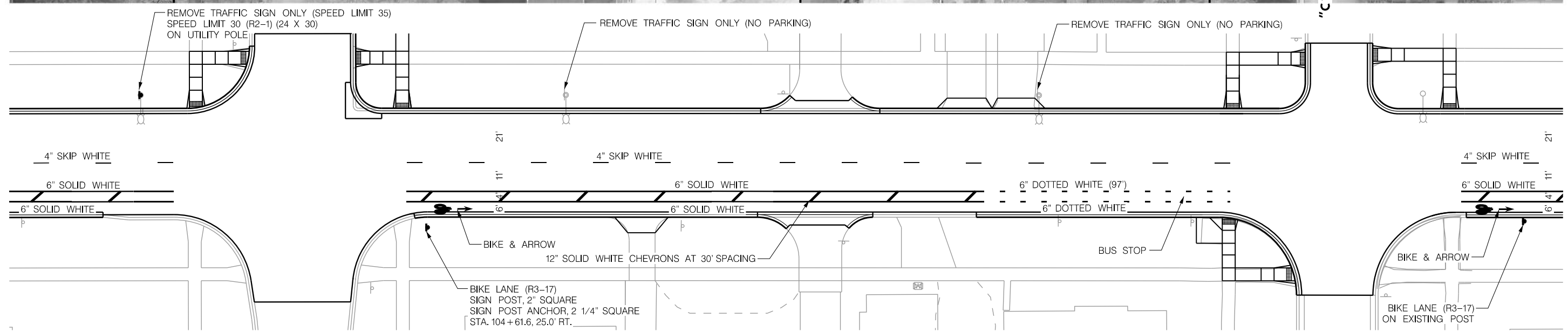
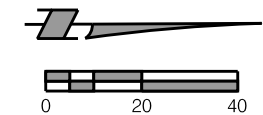


PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...tables\pen\PM_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563PM02.dgn

PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c19
 PEN: ...tables\pen\PM_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563PM03.dgn

108+00

109+00



MOLTEN THERMOPLASTIC MKG, 4"			13.03004
STATION TO STATION	SIDE	LF	
103+00 - 109+00	LT. / RT.	105	

MOLTEN THERMOPLASTIC MKG, 12"			13.03012
STATION TO STATION	SIDE	LF	
103+00 - 109+00	RT.	69	

MOLTEN THERMOPLASTIC MKG, 6"			13.03006
STATION TO STATION	SIDE	LF	
103+00 - 109+00	RT.	694	

PREFORMED THERMOPLASTIC MKG, SYMBOL			13.02001
STATION TO STATION	SIDE	EA	
103+00 - 109+00	RT.	4	

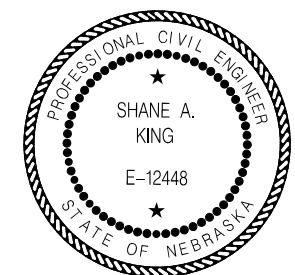
SIGN < 4 SQ. FT.			FOR INFORMATION ONLY
STATION	OFFSET	EA	
104+61.6	25.0' RT.	1	
108+85.1	22.4' RT.	1	

REMOVE TRAFFIC SIGN ONLY			FOR INFORMATION 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	

SIGN 4 SQ. FT. < 9 SQ. FT.			FOR INFORMATION ONLY
STATION	OFFSET	EA	
103+50.8	26.1' LT.	1	

SIGN POST, 2" SQUARE			FOR INFORMATION ONLY
STATION	OFFSET	EA	
104+61.6	25.0' RT.	1	

SIGN POST ANCHOR, 2 1/4" SQUARE			FOR INFORMATION ONLY
STATION	OFFSET	EA	
104+61.6	25.0' RT.	1	



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...tables\pen\PM_Pentable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563PM04.dgn

FOR INFORMATION ONLY

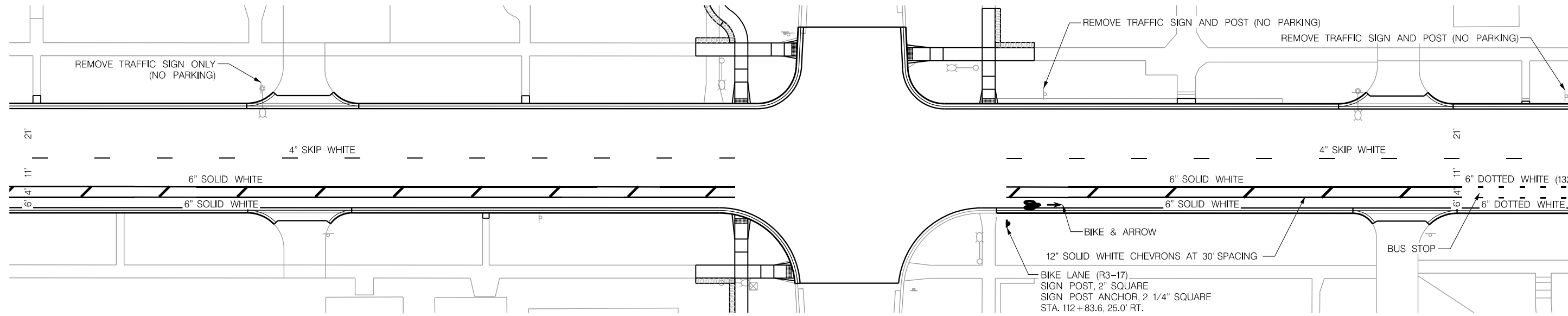
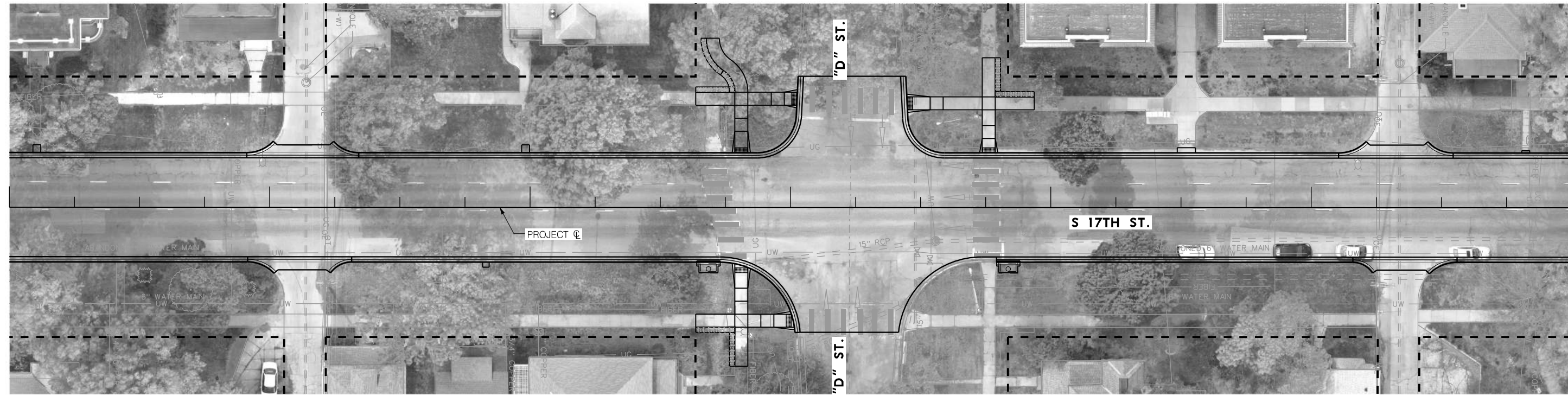
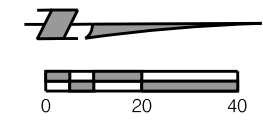
SIGN < 4 SQ. FT.		
STATION	OFFSET	EA
112+83.6	25.0' RT.	1

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



MOLTEN THERMOPLASTIC MKG, 4"			13.03004
STATION TO STATION	SIDE	LF	
109+00 - 115+00	LT. / RT.	125	

MOLTEN THERMOPLASTIC MKG, 12"			13.03012
STATION TO STATION	SIDE	LF	
109+00 - 115+00	RT.	92	

FOR INFORMATION ONLY

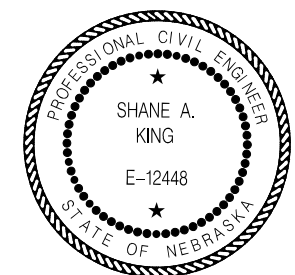
REMOVE TRAFFIC SIGN AND POST		
STATION	OFFSET	EA
112+97.8	24.6' LT.	1
114+98.0	24.0' LT.	1

MOLTEN THERMOPLASTIC MKG, 6"			13.03006
STATION TO STATION	SIDE	LF	
109+00 - 115+00	RT.	926	

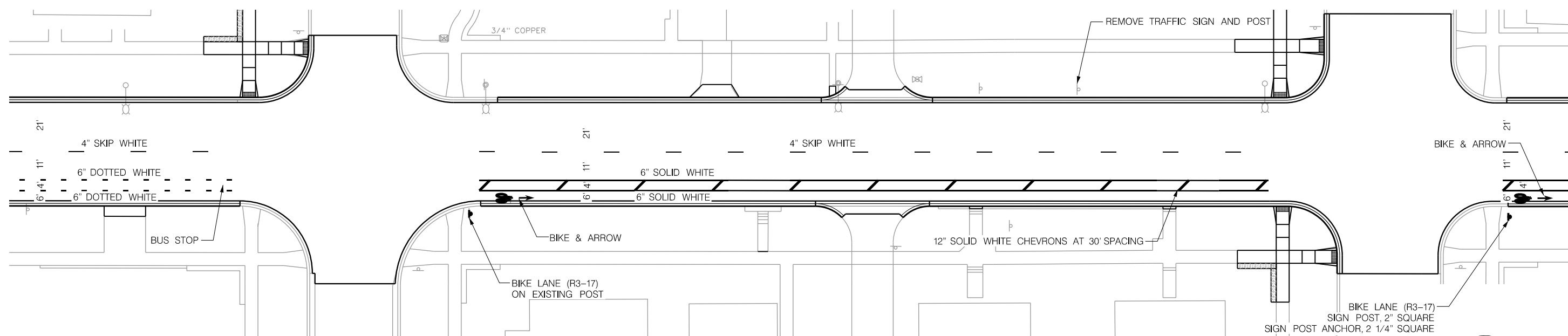
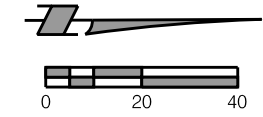
PREFORMED THERMOPLASTIC MKG, SYMBOL			13.02001
STATION TO STATION	SIDE	EA	
109+00 - 115+00	RT.	2	

FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN ONLY		
STATION	OFFSET	EA
109+97.2	26.8' LT.	1



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.c19
 PEN: ...\\ables\pen\PM_Peniable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...\\705563\PM05.dgn



MOLTEN THERMOPLASTIC MKG, 4"			13.03004
STATION TO STATION	SIDE	LF	
115+00 - 121+00	LT. / RT.	129	

MOLTEN THERMOPLASTIC MKG, 12"			13.03012
STATION TO STATION	SIDE	LF	
115+00 - 121+00	RT.	95	

REMOVE TRAFFIC SIGN AND POST			FOR INFORMATION ONLY
STATION	OFFSET	EA	
119+13.0	24.1' LT.	1	

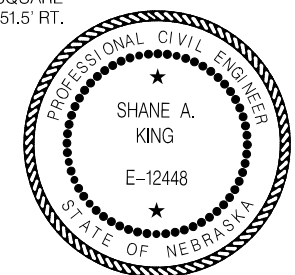
SIGN POST, 2" SQUARE			FOR INFORMATION ONLY
STATION	OFFSET	EA	
120+79.4	25.0' RT.	1	

MOLTEN THERMOPLASTIC MKG, 6"			13.03006
STATION TO STATION	SIDE	LF	
115+00 - 121+00	RT.	900	

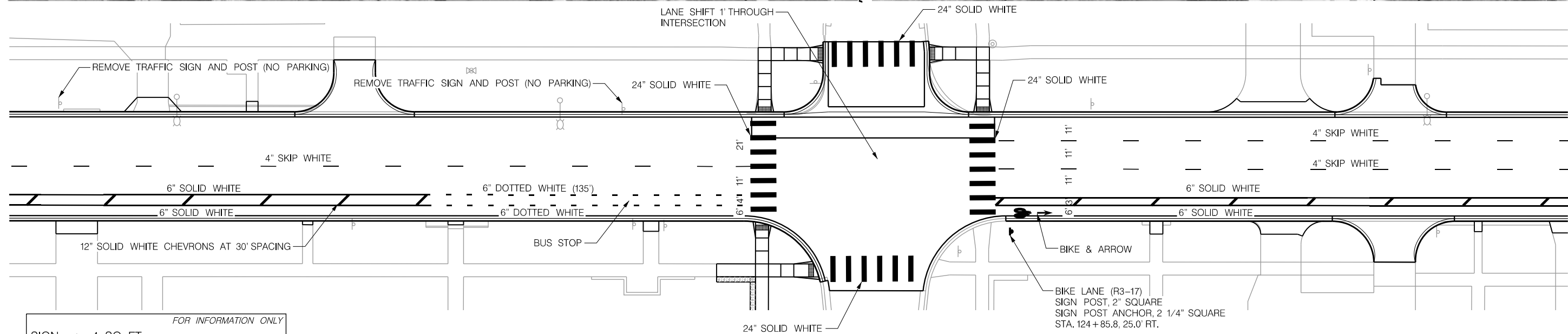
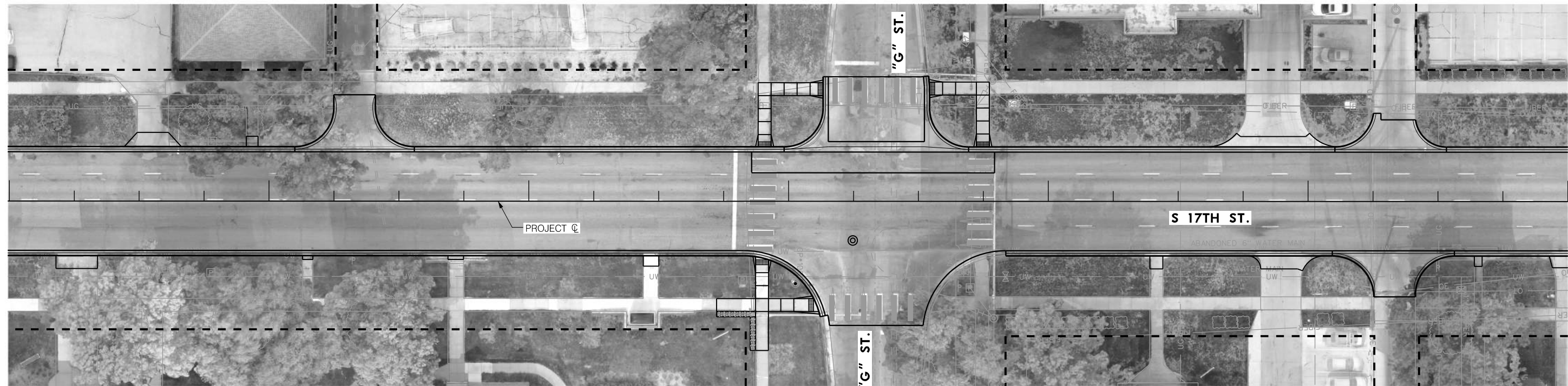
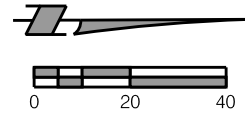
PREFORMED THERMOPLASTIC MKG, SYMBOL			13.02001
STATION TO STATION	SIDE	EA	
115+00 - 121+00	RT.	4	

SIGN < 4 SQ. FT.			FOR INFORMATION ONLY
STATION	OFFSET	EA	
116+78.1	24.0' RT.	1	
120+79.4	25.0' RT.	1	

SIGN POST ANCHOR, 2 1/4" SQUARE			FOR INFORMATION ONLY
STATION	OFFSET	EA	
120+79.4	25.0' RT.	1	



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S 17g
 PEN: ...:\ables\pen\PM_Penable.tbl
 USER: rmyer
 DATE: 06/03/2024
 DGN: ...:\705563\PM06.dgn



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

MOLTEN THERMOPLASTIC MKG, 4" 13.03004		
STATION TO STATION	SIDE	LF
121+00 - 127+00	LT.	182

MOLTEN THERMOPLASTIC MKG, 12" 13.03012		
STATION TO STATION	SIDE	LF
121+00 - 127+00	RT.	68

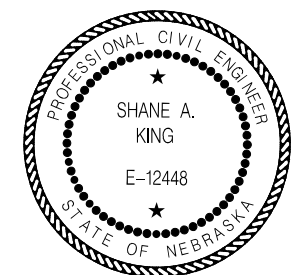
FOR INFORMATION ONLY

REMOVE TRAFFIC SIGN AND POST		
STATION	OFFSET	EA
121+19.6	24.2' LT.	1
123+36.5	22.1' LT.	1

MOLTEN THERMOPLASTIC MKG, 6" 13.03006		
STATION TO STATION	SIDE	LF
121+00 - 127+00	RT.	825

MOLTEN THERMOPLASTIC MKG, 24" 13.03024		
STATION TO STATION	SIDE	LF
121+00 - 127+00	LT. / RT.	260

MOLTEN THERMOPLASTIC MKG, SYMBOL 13.02001		
STATION TO STATION	SIDE	EA
121+00 - 127+00	RT.	2



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

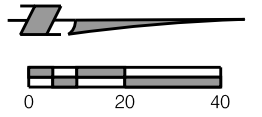
SIGN POST, 2" SQUARE		
STATION	OFFSET	EA
131+69.1	25.3' RT.	1

FOR INFORMATION ONLY

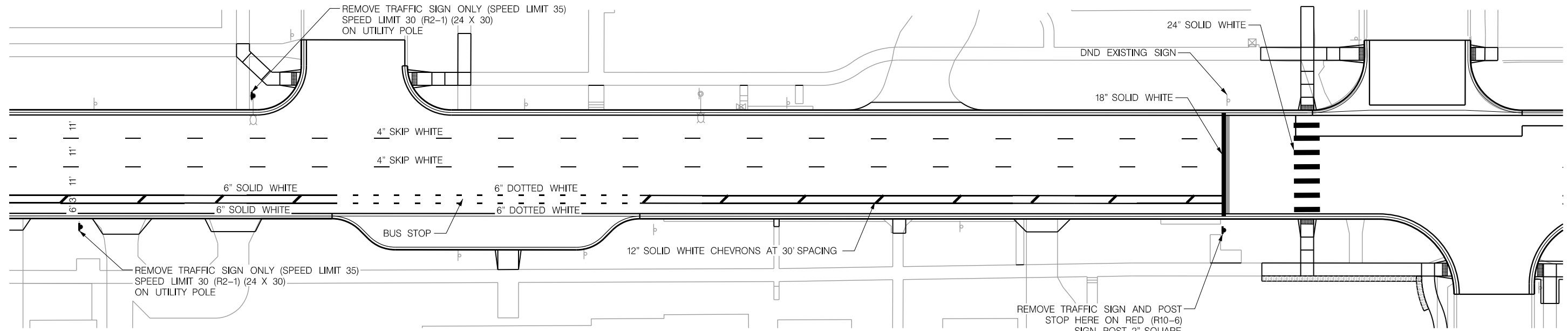
SIGN POST ANCHOR, 2 1/4" SQUARE		
STATION	OFFSET	EA
131+69.1	25.3' RT.	1

132+00

133+00



PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...lables\cm\PM_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563PM07.dgn



MOLTEN THERMOPLASTIC MKG, 4"			13.03004
STATION TO STATION	SIDE	LF	
127+00 - 133+00	LT. / RT.	434	

MOLTEN THERMOPLASTIC MKG, 12"			13.03012
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

MOLTEN THERMOPLASTIC MKG, 6"			13.03006
STATION TO STATION	SIDE	LF	
127+00 - 133+00	RT.	762	

MOLTEN THERMOPLASTIC MKG, 18"			13.03018
STATION TO STATION	SIDE	LF	
127+00 - 133+00	LT. / RT.	40	

MOLTEN THERMOPLASTIC MKG, 24"			13.03024
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



133+00 134+00 135+00 136+00 137+00

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



PROJECT NO. 705563	SHEET NO. 45
Date: 06/03/2024	Drawn: PJK
Horz. Scale: 1 : 40	Checked: SAK
	Approved: SAK

138+00

139+00

FOR INFORMATION ONLY

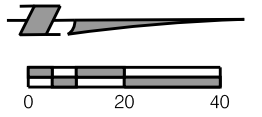
SIGN < 4 SQ. FT.		
STATION	OFFSET	EA
133+41.3	23.0' RT.	1
137+9.3	29.5' RT.	1

FOR INFORMATION ONLY

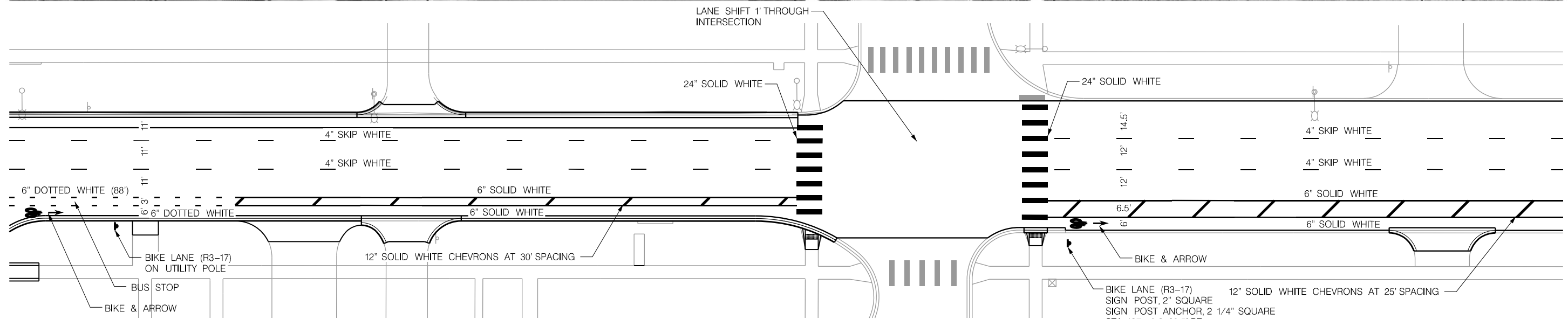
SIGN POST, 2" SQUARE		
STATION	OFFSET	EA
137+9.3	29.5' RT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE		
STATION	OFFSET	EA
137+9.3	29.5' RT.	1



PROJ: PDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...:\ables\pen\PM_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\705563\PM08.dgn



MOLTEN THERMOPLASTIC MKG, 4" 13.03004		
STATION TO STATION	SIDE	LF
133+00 - 139+00	LT./ RT.	252

MOLTEN THERMOPLASTIC MKG, 12" 13.03012		
STATION TO STATION	SIDE	LF
133+00 - 139+00	RT.	104

MOLTEN THERMOPLASTIC MKG, 6" 13.03006		
STATION TO STATION	SIDE	LF
133+00 - 139+00	RT.	875

MOLTEN THERMOPLASTIC MKG, 24" 13.03024		
STATION TO STATION	SIDE	LF
133+00 - 139+00	LT./ RT.	150

MOLTEN THERMOPLASTIC MKG, SYMBOL 13.02001		
STATION TO STATION	SIDE	EA
133+00 - 139+00	RT.	4



PAVEMENT MARKING & SIGNING
S 17TH STREET

FOR INFORMATION ONLY

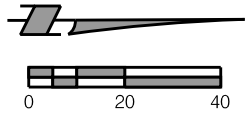
SIGN < 4 SQ. FT.		
STATION	OFFSET	EA
141+28.5	28.5' RT.	1

FOR INFORMATION ONLY

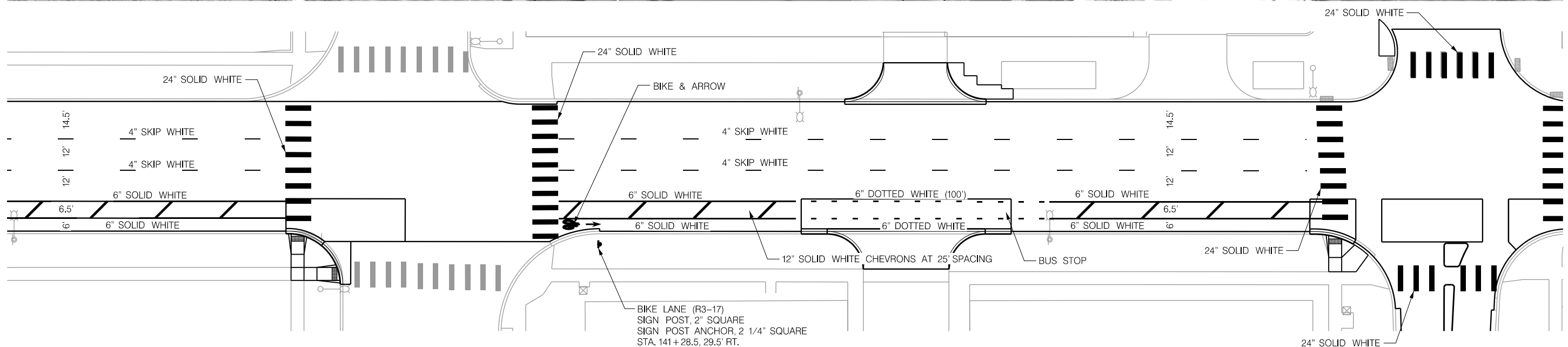
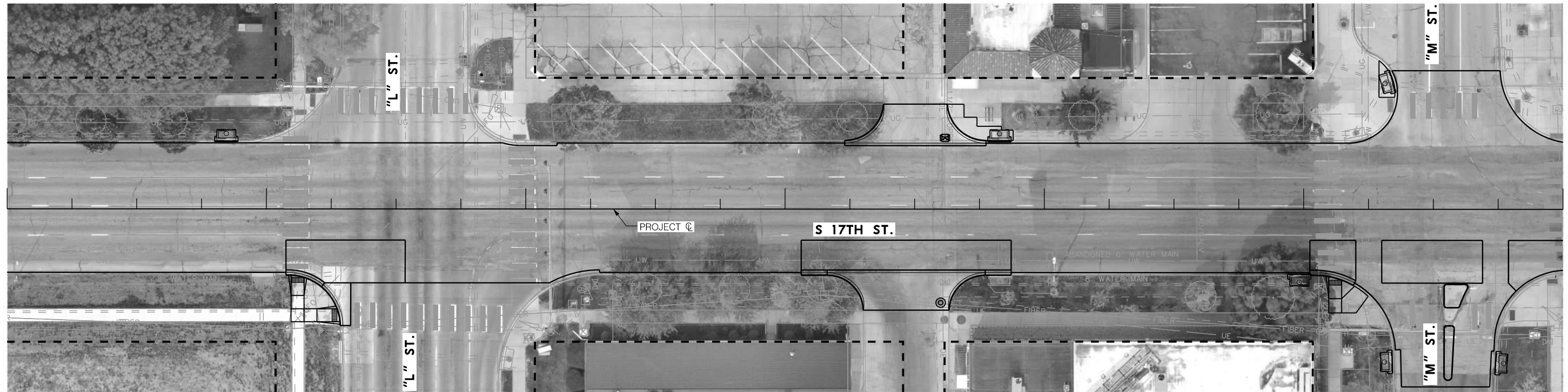
SIGN POST, 2" SQUARE		
STATION	OFFSET	EA
141+28.5	28.5' RT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE		
STATION	OFFSET	EA
141+28.5	28.5' RT.	1



PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.cig
 PEN: ...tables\pen\PM_PenTable.tbl
 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...705563PM09.dgn



BIKE LANE (R3-17)
SIGN POST, 2" SQUARE
SIGN POST ANCHOR, 2 1/4" SQUARE
STA. 141+28.5, 29.5' RT.

MOLTEN THERMOPLASTIC MKG, 4" 13.03004		
STATION TO STATION	SIDE	LF
139+00 - 145+00	LT. / RT.	202

MOLTEN THERMOPLASTIC MKG, 12" 13.03012		
STATION TO STATION	SIDE	LF
139+00 - 145+00	RT.	108

MOLTEN THERMOPLASTIC MKG, 6" 13.03006		
STATION TO STATION	SIDE	LF
139+00 - 145+00	RT.	672

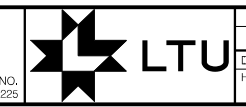
MOLTEN THERMOPLASTIC MKG, 24" 13.03024		
STATION TO STATION	SIDE	LF
139+00 - 145+00	LT. / RT.	440

MOLTEN THERMOPLASTIC MKG, SYMBOL 13.02001		
STATION TO STATION	SIDE	EA
139+00 - 145+00	RT.	2



145+00 146+00 147+00 148+00 149+00

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



PROJECT NO. 705563	SHEET NO. 47
Date: 06/03/2024	Drawn: PK
Horz. Scale: 1:40	Checked: SAK
	Approved: SAK

150+00

151+00

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.

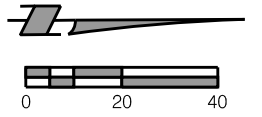
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149+14.8	29.5' RT.	1

FOR INFORMATION ONLY
SIGN POST, 2" SQUARE

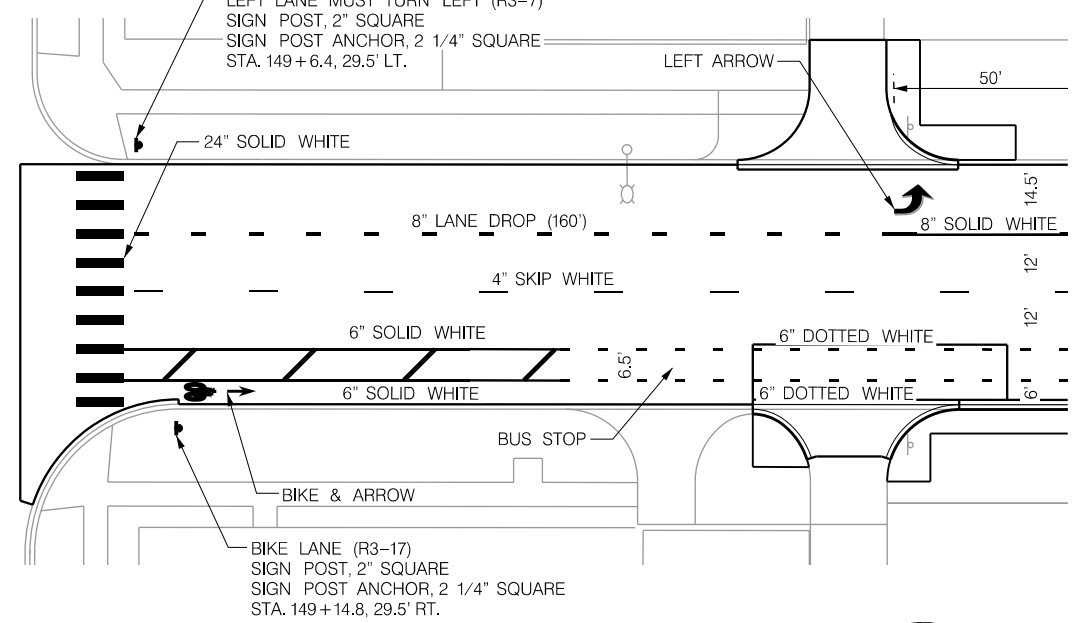
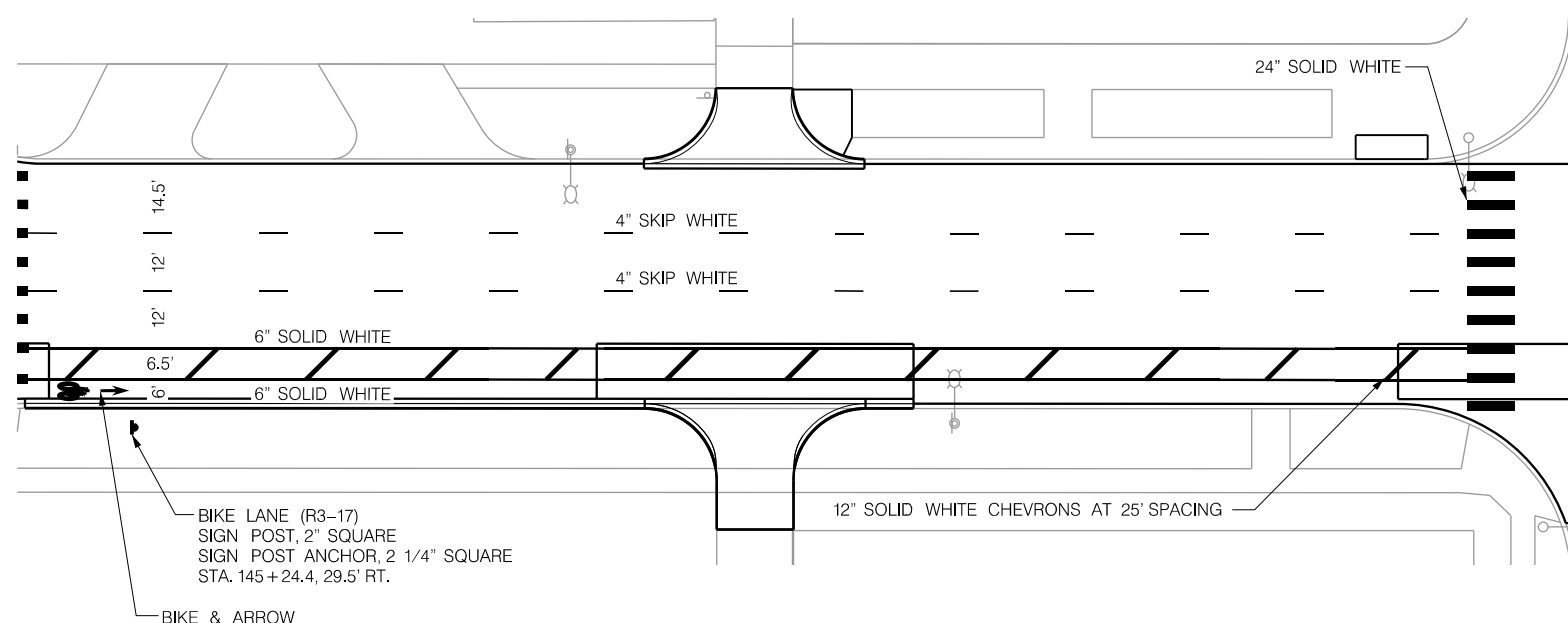
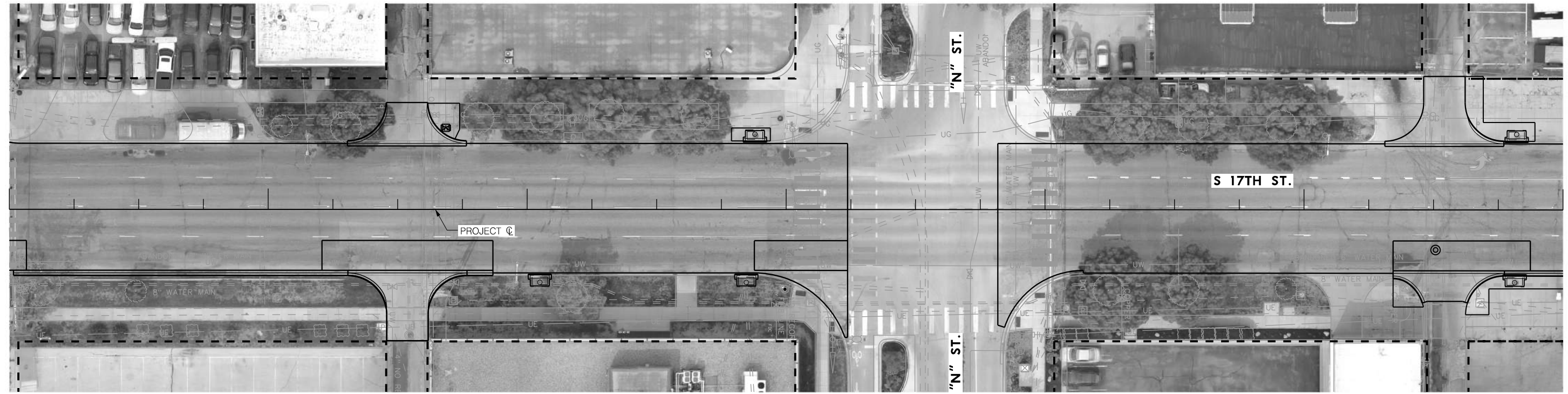
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149+14.8	29.5' RT.	1
149+6.4	29.5' LT.	1

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



PROJ: FDWY_021-06225-L Lincoln NE TRANS 17th Street A to S.cig
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 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...:\705563\PM10.dgn



MOLTEN THERMOPLASTIC MKG, 4"			13.03004
STATION TO STATION	SIDE	LF	
145+00 - 151+00	LT. / RT.	198	

MOLTEN THERMOPLASTIC MKG, 8"			13.03008
STATION TO STATION	SIDE	LF	
145+00 - 151+00	LT.	76	

MOLTEN THERMOPLASTIC MKG, 24"			13.03024
STATION TO STATION	SIDE	LF	
145+00 - 151+00	LT. / RT.	180	

MOLTEN THERMOPLASTIC MKG, 6"			13.03006
STATION TO STATION	SIDE	LF	
145+00 - 151+00	RT.	833	

MOLTEN THERMOPLASTIC MKG, 12"			13.03012
STATION TO STATION	SIDE	LF	
145+00 - 151+00	RT.	144	

MOLTEN THERMOPLASTIC MKG, SYMBOL			13.02001
STATION TO STATION	SIDE	EA	
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145+00 - 151+00	RT.	4	

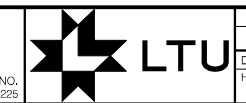


PAVEMENT MARKING & SIGNING
S 17TH STREET

151+00 152+00 153+00 154+00 155+00

156+00 157+00

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



PROJECT NO. 705563
SHEET NO. 48
Date: 06/03/2024
Horz. Scale: 1 : 40
Checked: SAK
Approved: SAK

FOR INFORMATION ONLY

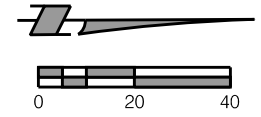
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FOR INFORMATION ONLY

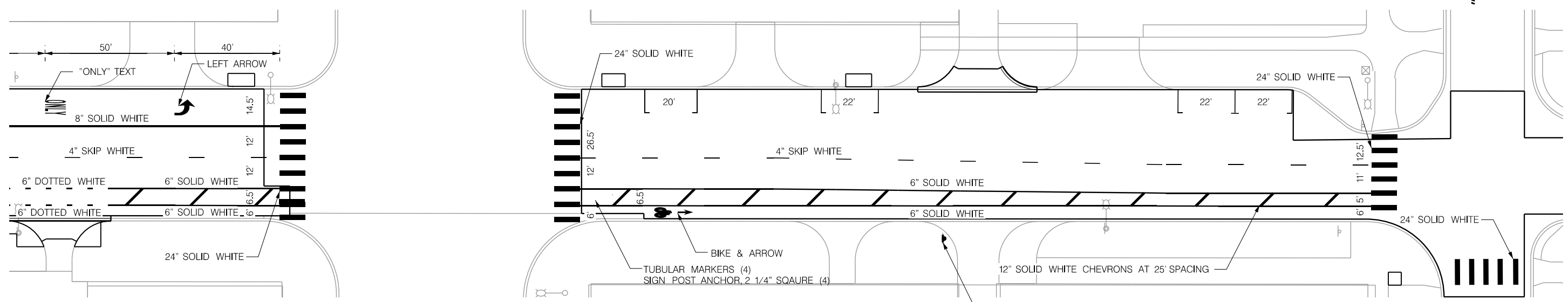
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153+26.4	17.5' RT.	1
153+33.0	15.3' RT.	1
153+39.7	13.0' RT.	1

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



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 DATE: 06/03/2024
 DGN: ...705563PMT1.dgn



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	

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STATION TO STATION	SIDE	LF	
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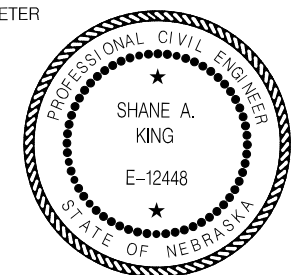
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MOLTEN THERMOPLASTIC MKG, 12"			13.03012
STATION TO STATION	SIDE	LF	
151+00 - 157+00	RT.	124	

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	

NOTE:
CENTER PARKING STALLS OR
STALL LINE ON EXISTING METER



PAVEMENT MARKING & SIGNING
N 17TH STREET

157+00 158+00 159+00 160+00 161+00 162+00 163+00

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



PROJECT NO. 705563
SHEET NO. 49
Date: 06/03/2024
Horz. Scale: 1:40
Drawn: SAK
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

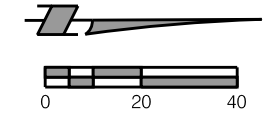
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161+23.6	10.2' LT.	1
161+55.1	7.9' LT.	1

FOR INFORMATION ONLY
REMOVE TRAFFIC SIGN ONLY

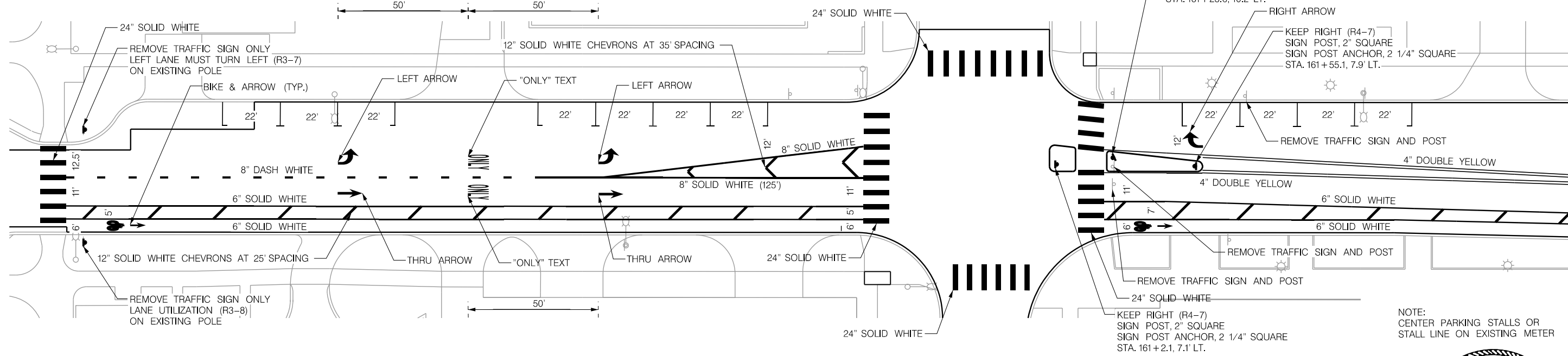
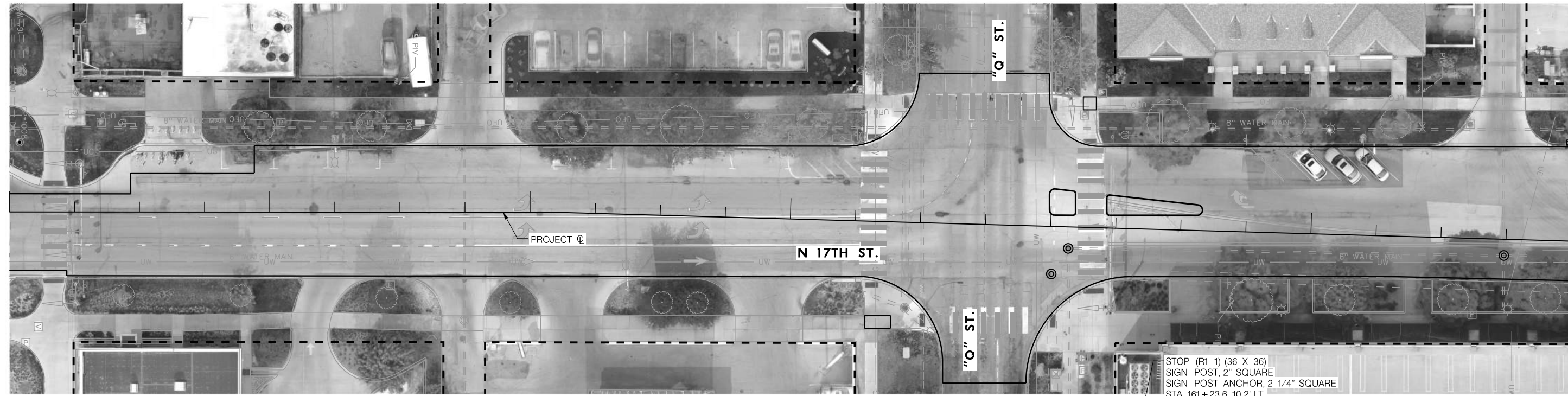
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157+29.0	28.5' RT.	1

162+00

163+00



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 DGN: ...705563PM12.dgn



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



PAVEMENT MARKING & SIGNING
N 17TH STREET

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

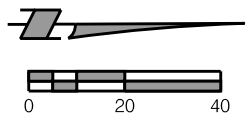
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168+51.1	19.0' RT.	1
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FOR INFORMATION ONLY

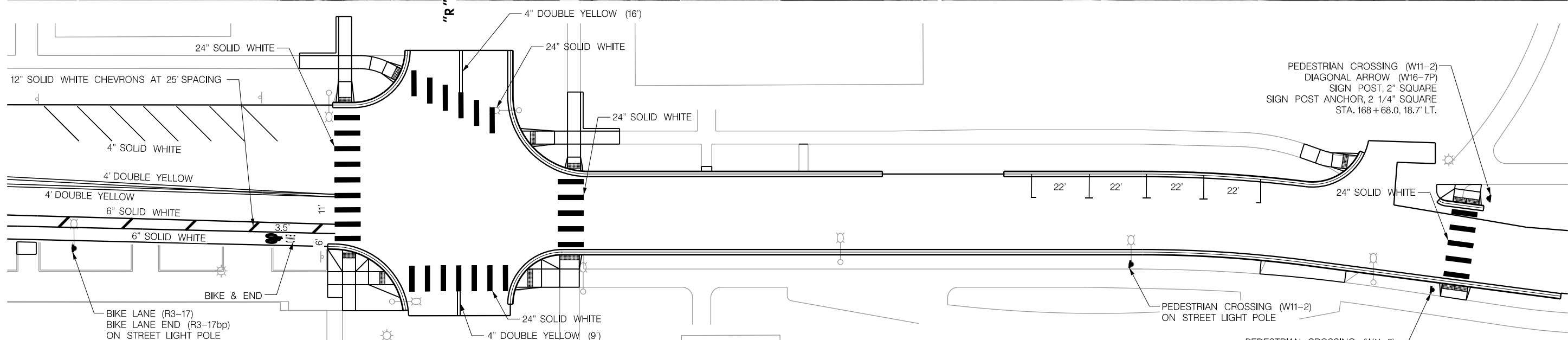
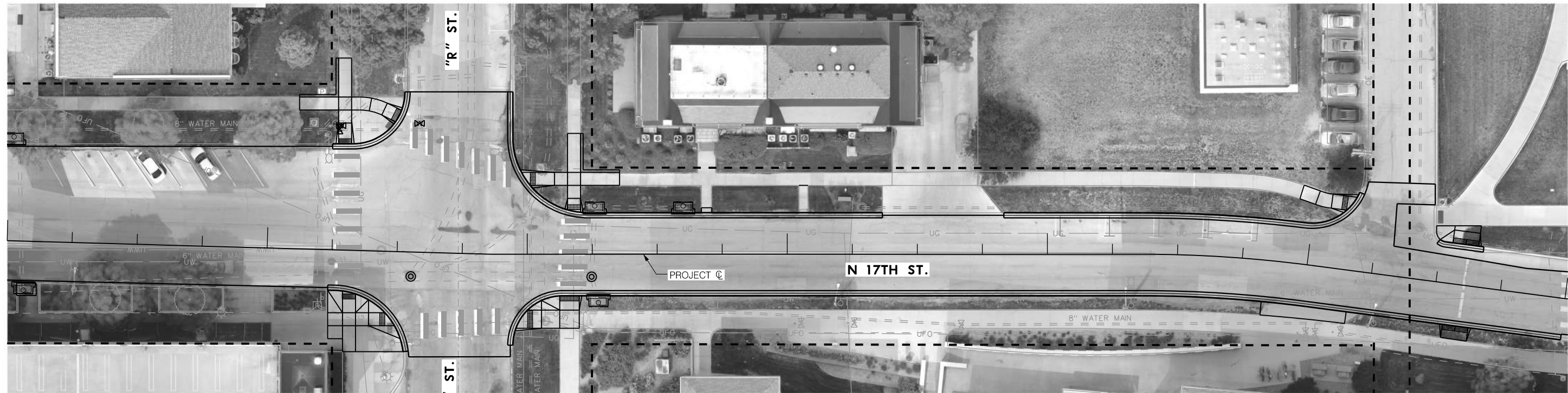
SIGN POST, 2" SQUARE		
STATION	OFFSET	EA
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168+68.0	18.7' LT.	1

FOR INFORMATION ONLY

SIGN POST ANCHOR, 2 1/4" SQUARE		
STATION	OFFSET	EA
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168+68.0	18.7' LT.	1



PROJ: FDWY_021-06225-Lincoln NE TRANS 17th Street A to S.dwg
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 USER: rmeyer
 DATE: 06/03/2024
 DGN: ...\\705563\PM13.dgn



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STATION TO STATION	SIDE	LF	
163+00 - 169+00	LT. / RT.	770	

MOLTEN THERMOPLASTIC MKG, 12"			13.03012
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

MOLTEN THERMOPLASTIC MKG, 6"			13.03006
STATION TO STATION	SIDE	LF	
163+00 - 169+00	RT.	252	

MOLTEN THERMOPLASTIC MKG, 24"			13.03024
STATION TO STATION	SIDE	LF	
163+00 - 169+00	LT. / RT.	320	

MOLTEN THERMOPLASTIC MKG, SYMBOL			13.02001
STATION TO STATION	SIDE	EA	
163+00 - 169+00	RT.	2	

PEDESTRIAN CROSSING (W11-2)
 DIAGONAL ARROW (W16-7P)
 SIGN POST, 2" SQUARE
 SIGN POST ANCHOR, 2 1/4" SQUARE
 STA. 168+68.0, 18.7' LT.

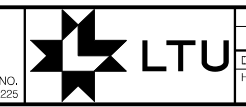
PEDESTRIAN CROSSING (W11-2)
 DIAGONAL ARROW (W16-7P)
 SIGN POST, 2" SQUARE
 SIGN POST ANCHOR, 2 1/4" SQUARE
 STA. 168+51.1, 19.0' RT.

NOTE:
 CENTER PARKING STALLS OR
 STALL LINE ON EXISTING METER



166+00 167+00 168+00 169+00 170+00 171+00 172+00

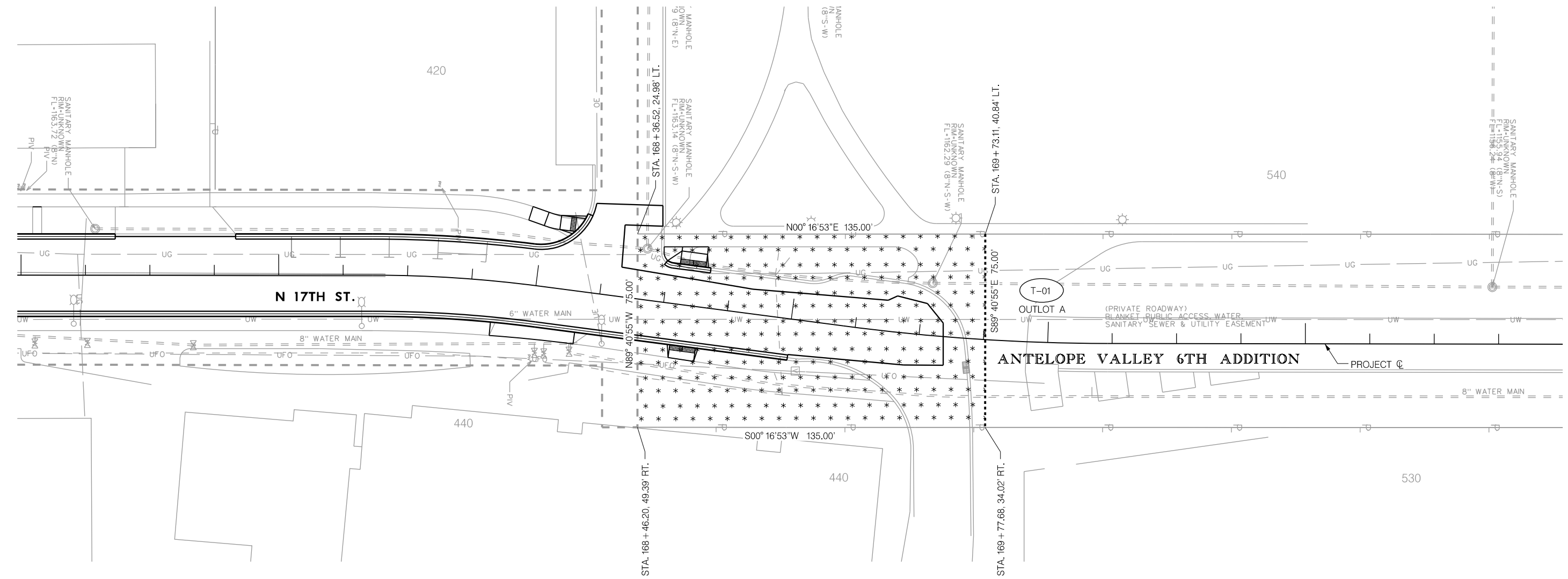
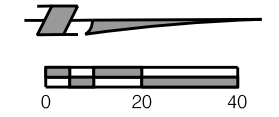
olsson
601 P. ST., SUITE 200
LINCOLN, NE 68508
NEBRASKA C.O.A. #CA-0638



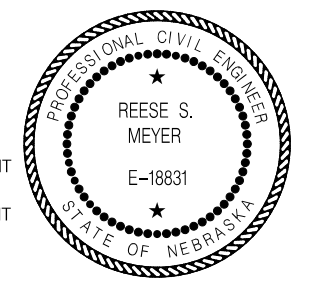
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Date: 06/03/2024	Drawn: SJP
Horz. Scale: 1:40	Checked: RSM
	Approved: RSM

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171+00 172+00



- ROW ACQUISITION
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- LES EASEMENT



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



LINCOLN
Planning Department

NEBRASKA CAPITOL ENVIRONS COMMISSION STAFF REPORT

APPLICATION NUMBER	Urban Design Record #24085
APPLICATION TYPE	Certificate of Appropriateness
ADDRESS/LOCATION	1400 K Street
HEARING DATE	June 28, 2024
ADDITIONAL MEETINGS	None
APPLICANT	Travis Barrett (Clark & Enersen), travis.barrett@clarkenersen.com
STAFF CONTACT	Collin Christopher, 402-441-6370, cchristopher@lincoln.ne.gov

RECOMMENDATION: APPROVAL

Summary of Request

St. Mary Catholic Church at 1400 K Street is continuing to perform renovation work to the façade of the building. In 2022, they received a certificate to complete the following:

- Replacement of site walls and landscaping;
- Removal of the west door, entry walk, and stairs; and
- Placement of a statue in front of the removed entry door.

They are now proposing to repaint the façade of the church in a two-toned color scheme that would deviate from the current off-white aesthetic by introducing a darker beige as the primary color. Per Clark & Enersen's research, the existing paint scheme was finished in 1993, so there is no real historical significance to the off-white look. In speaking with the design team, it is staff's understanding that although they are requesting to change the color scheme for the entire building façade, they would likely start by repainting the north façade as a first phase. If the results were not well received, they could then change course without having to repaint the entire façade.

Compatibility with the Design Standards

This is a fairly straightforward project that does not appear to deviate from the Capitol Environs Design Standards. Below is a summary of the relevant standards and guidelines:

Design Standard 9: Facades

New buildings in the District should be designed to enhance the setting of the Capitol and their immediate surroundings. When those surroundings have a high degree of cohesiveness, new designs should be compatible with their setting, strengthening the visual relationships found among existing buildings and

landscape features. In areas that lack cohesion, designs should be proposed that offer themes and patterns that can be further expanded in future development.

Brick, stone, or other richly textured, highly durable masonry is desirable for building exteriors on Capitol Square, Centennial Mall, and Lincoln Mall. Permanence should be an overriding characteristic in the choice of exterior materials. Colors should be drawn from a muted palette of warm, earth tones or shades of white, with the context of surrounding buildings as a guide.

In the rehabilitation of existing buildings, retention of high-quality materials and use of new, durable, and high-quality materials is also desirable.

Guideline 9.2

Special locations (such as focal points at ends of Malls) or uses (such as churches) present opportunities for buildings of greater individual prominence than is otherwise desirable along the Malls or facing Capitol Square.

Design Standard 11: Buildings on Capitol Square

The portion of the District facing the Capitol shall be maintained and improved as an area of top-quality but generally unobtrusive office, residential, and church buildings, with very well-designed and maintained landscape and streetscape elements. The area shall combine construction of first-class new buildings with the preservation of historic landmarks and scrupulous maintenance of all improvements.

Guideline 11.1:

Capitol Square includes several historic structures listed on the National Register (NR) of Historic Places or designated as Lincoln Landmarks (LL), including Kennard House (NR, 1627 H St.), Ferguson House (NR, 700 S. 16th St.), Harris House (NR & LL, 1630 K St.), President and Ambassador Apartments (NR, 1330 & 1340 Lincoln Mall), Yates House (NR & LL, 720 S. 16th St.), and the Nebraska Governor's Residence (NR, 1425 H St.). These buildings should be preserved and maintained. Other historic buildings which contribute to the Capitol's immediate setting include St. Mary's Church (14th & K Sts.), First Christian Church (16th & K Sts.), and the Milburn Apartments (1345 H St.).

Compatibility per Staff Analysis: On the whole, the proposed improvements do not conflict with the above standards and guidelines.

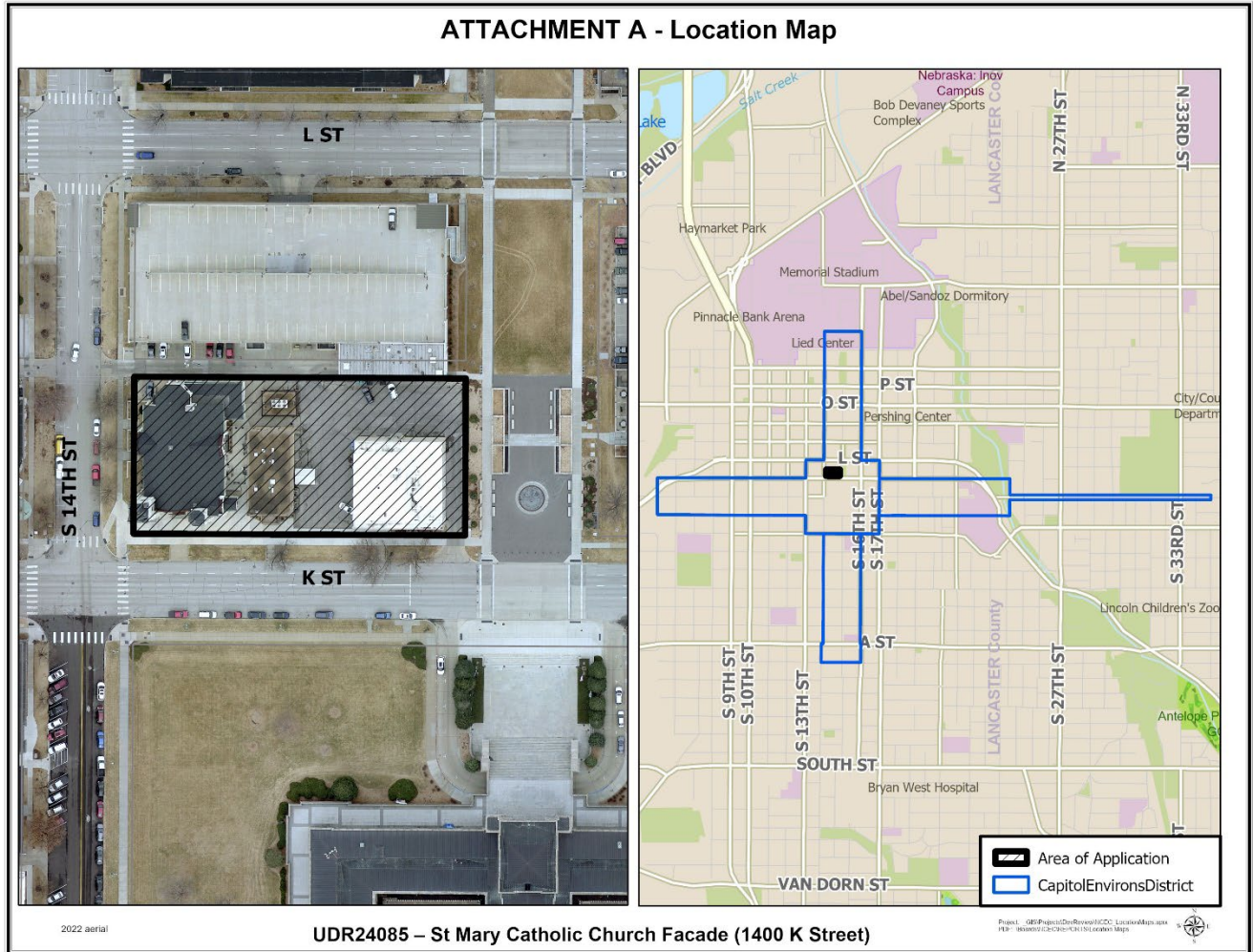
Recommendations

The proposed repainting of St. Mary Catholic Church and the continued maintenance of this historically-significant structure fronting the Capitol should be viewed as a positive for the Capitol Environs District. Staff has no concerns about the two-color paint scheme.

Recommended finding: The repainting of the St. Mary Catholic Church façade generally complies with the Capitol Environs Design Standards.

Recommended action: Approval of a Certificate of Appropriateness for the repainting of the St. Mary Catholic Church façade.

ATTACHMENT A - Location Map



ATTACHMENT B – Renderings



View of the south and west facades



View of the south façade



View of the north facade

CLARK &
ENERSEN

ST. MARY CATHOLIC CHURCH
CAPITOL ENVIRONS
EXTERIOR PAINT REVIEW
JUNE 28, 2024



CAPITOL ENVIRONS DESIGN STANDARDS

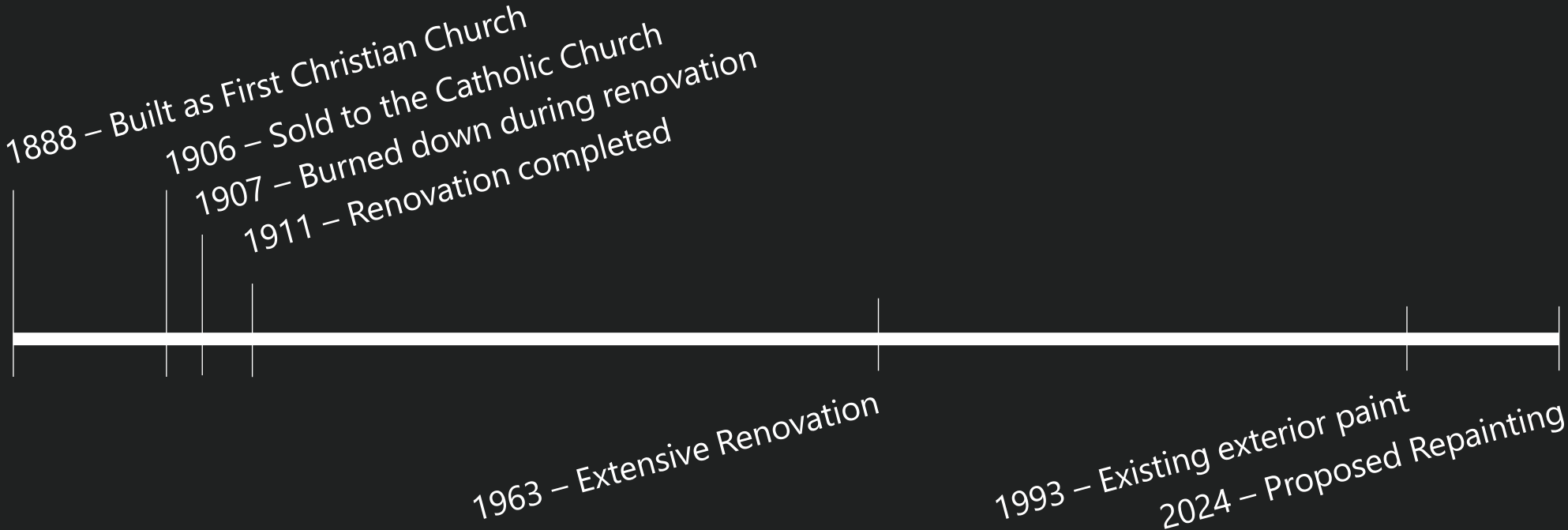
Guideline 8.1: Design Standard 9: Facades

Brick, stone, or other richly textured, highly durable masonry is desirable for building exteriors on Capitol Square, Centennial Mall, and Lincoln Mall. Permanence should be an overriding characteristic in the choice of exterior materials. Colors should be drawn from a muted palette of warm, earth tones or shades of white, with the context of surrounding buildings as a guide.

Guideline 11.1:

Capitol Square includes several historic structures listed on the National Register (NR) of Historic Places or designated as Lincoln Landmarks (LL), [...]. These buildings should be preserved and maintained. Other historic buildings which contribute to the Capitol's immediate setting include **St. Mary's Church (14th & K Sts.)**, First Christian Church (16th & K Sts.), and the Milburn Apartments (1345 H St.).

HISTORIC ANALYSIS



\ **1887:** FIRST CHRISTIAN CHURCH UNDER CONSTRUCTION



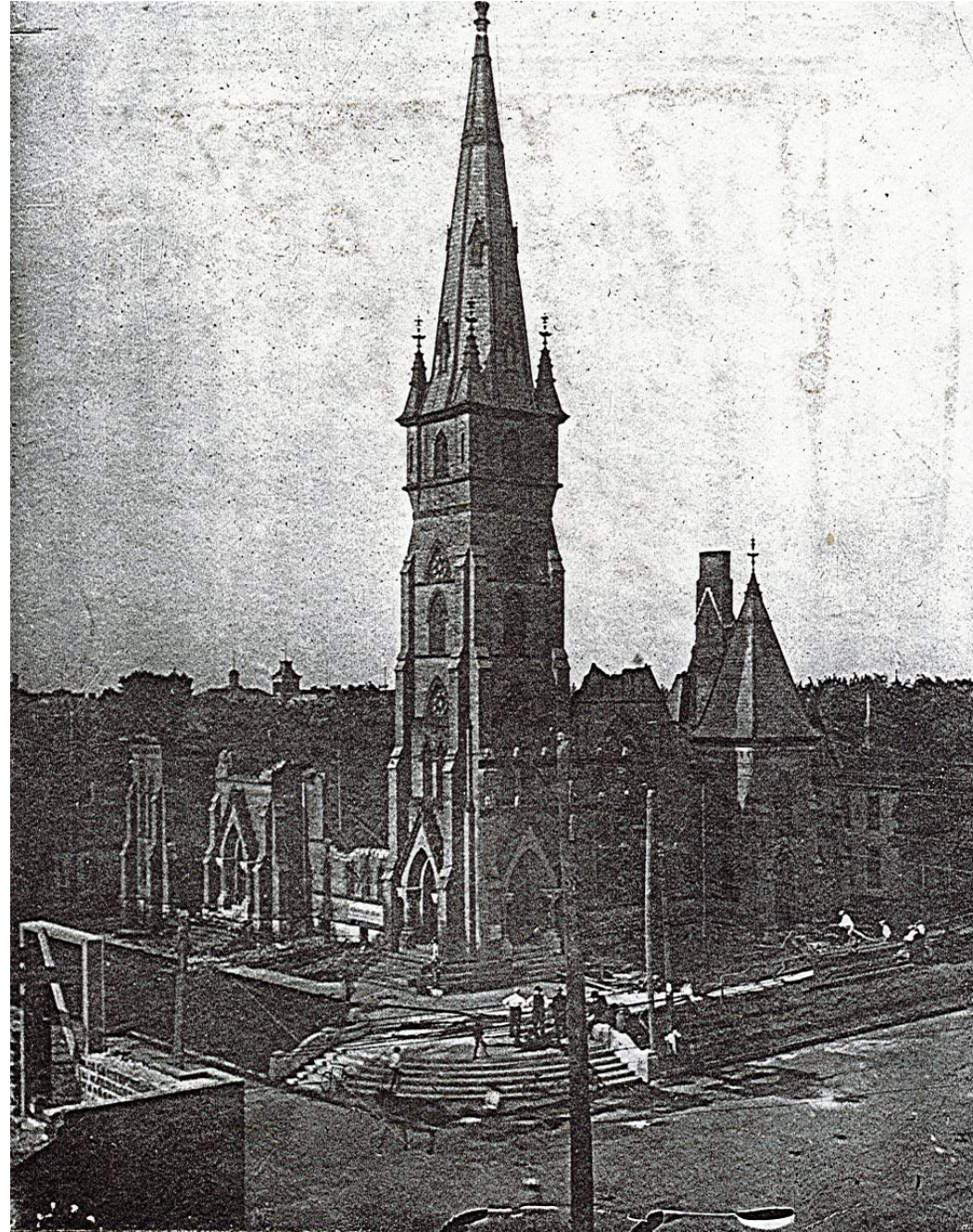
\ 1889: FIRST CHRISTIAN CHURCH ORIGINAL DESIGN



EARLY 1900s: FIRST CHRISTIAN CHURCH WITH LIGHT BRICK



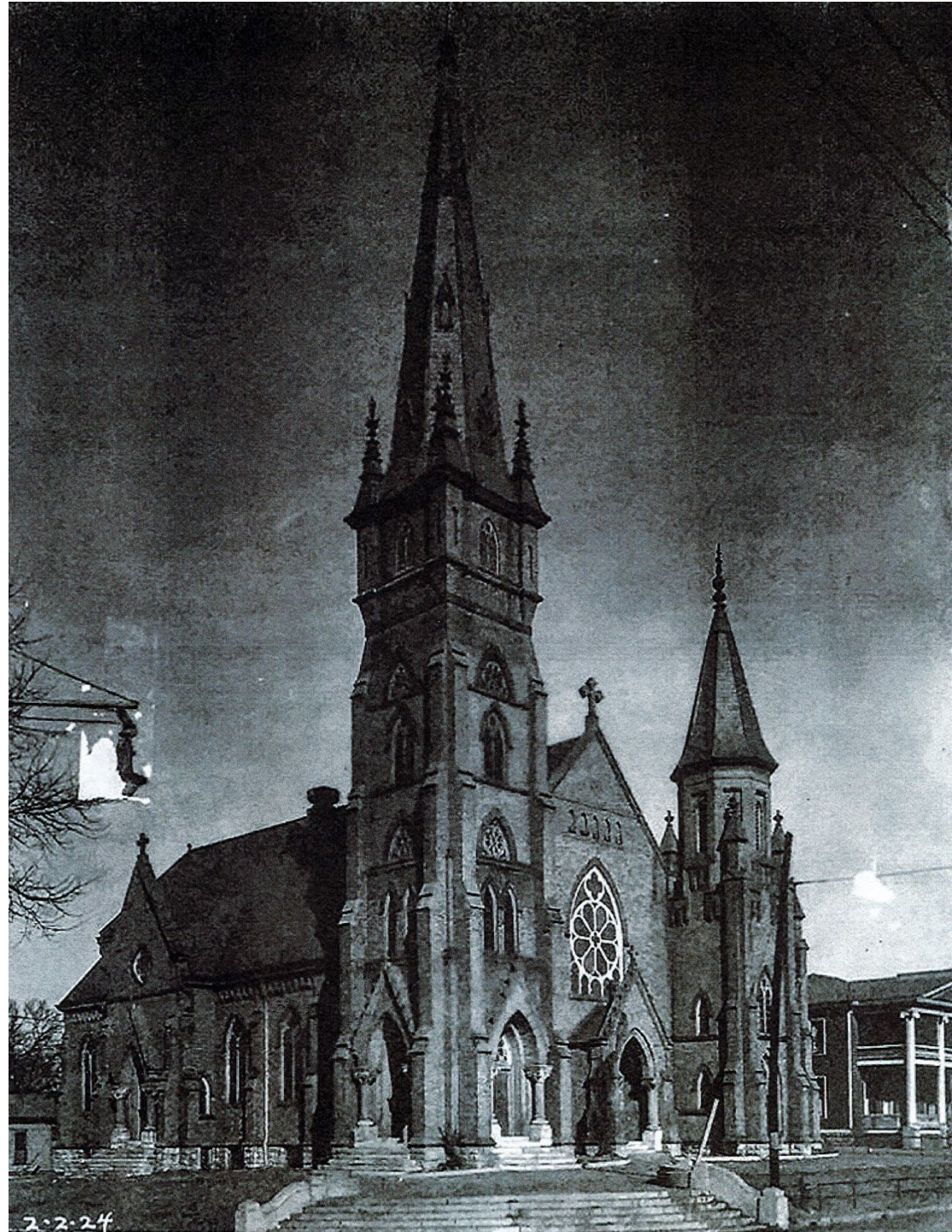
\ 1907: AFTER THE FIRE



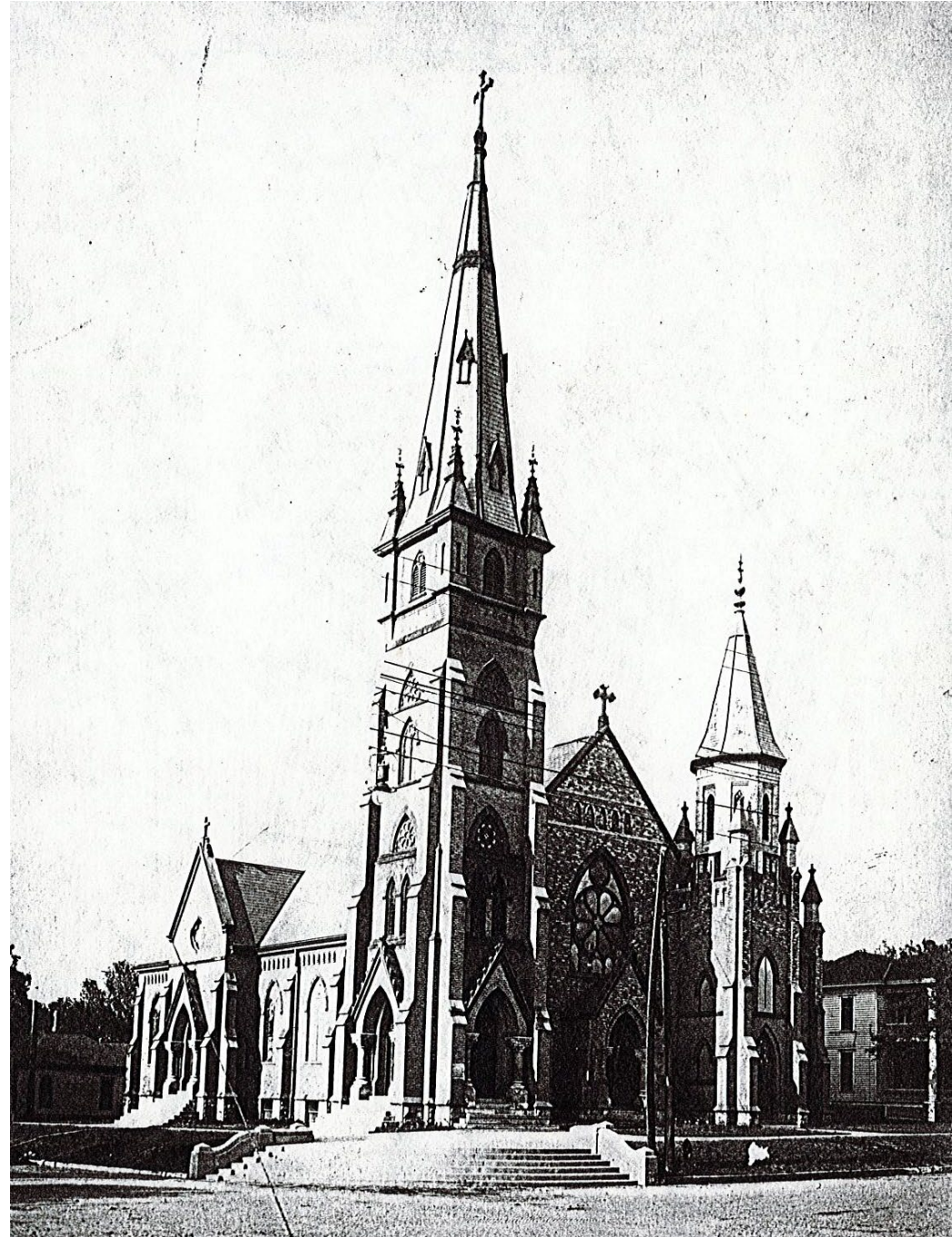
\ **1911:** ST. MARY CATHEDRAL DEDICATION



\ **1924:** ST. MARY CATHEDRAL



DATE UNKNOWN: ST. MARY CATHEDRAL



2021: ST. MARY CHURCH CURRENT PAINT SCHEME



ST. MARY CHURCH PROPOSED PAINT SCHEME



\ 2021: ST. MARY CHURCH CURRENT PAINT SCHEME



ST. MARY CHURCH PROPOSED PAINT SCHEME



\ 2021: ST. MARY CHURCH CURRENT NORTH PAINT SCHEME



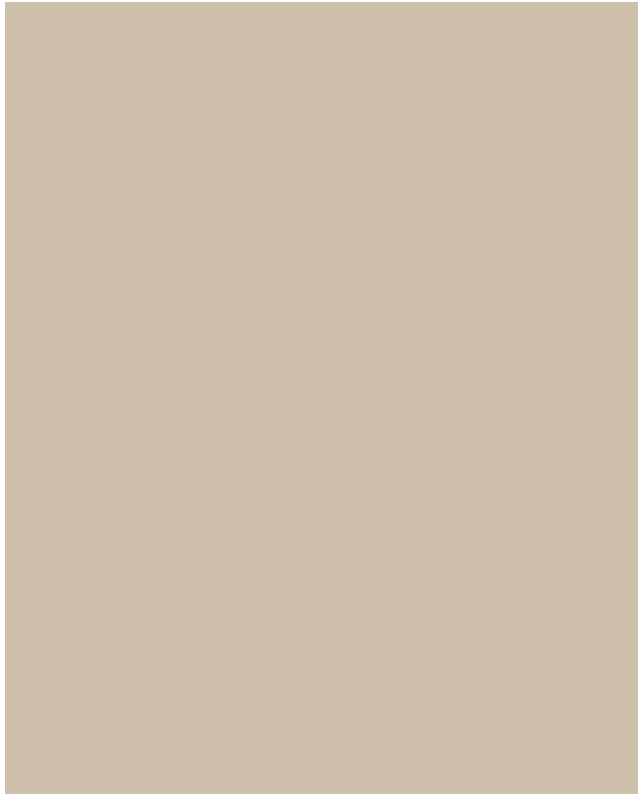
\ 2024: ST. MARY CHURCH PROPOSED NORTH PAINT SCHEME



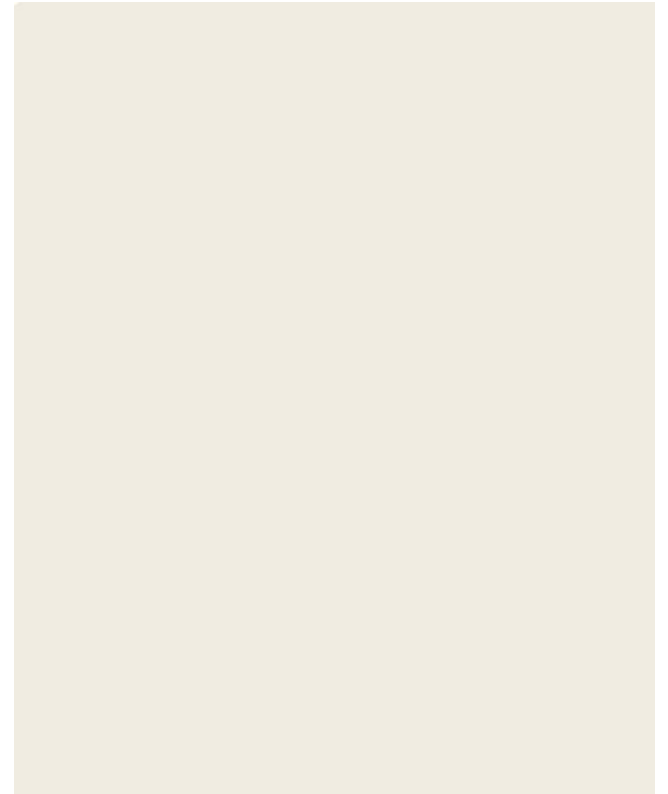
COLOR PALETTE:



EXISTING



PROPOSED BODY



PROPOSED ACCENT

clarkenersen.com



LINCOLN
Planning Department

NEBRASKA CAPITOL ENVIRONS COMMISSION STAFF REPORT

APPLICATION NUMBER	Urban Design Record #24087
APPLICATION TYPE	Certificate of Appropriateness
ADDRESS/LOCATION	802 J Street
HEARING DATE	June 28, 2024
ADDITIONAL MEETINGS	None
APPLICANT	Wynn Hjermstad (Urban Development), whjermstad@lincoln.ne.gov
STAFF CONTACT	Collin Christopher, 402-441-6370, cchristopher@lincoln.ne.gov

RECOMMENDATION: N/A

Summary of Request

The city's Urban Development Department has submitted a proposal to build a permanent supportive housing facility at 802 J Street. The facility will be operated by CenterPointe and will serve to provide housing and support services for the chronically homeless. The two-story, 15,000 square-foot facility will include the following, per a city press release:

- 24 single bed apartments with a shared laundry room
- Secure entry lobby and reception area
- Common spaces for gathering, including a covered front porch, kitchen, yard and garden
- Secure offices and meeting space for the CenterPointe staff
- Off-street parking for 11 CenterPointe staff and visitors

Located just west of the County-City Building, the project fits within the eastern edge of the evolving South Haymarket neighborhood.

Compatibility with the Design Standards

Given its location, this project must consider the design standards set forth for both Capitol Environs and South Haymarket. What follows are the most relevant standards at hand:

Capitol Environs Design Standard 9: Facades

New buildings in the District should be designed to enhance the setting of the Capitol and their immediate surroundings. When those surroundings have a high degree of cohesiveness, new designs should be compatible with their setting, strengthening the visual relationships found among existing buildings and landscape features. In areas that lack cohesion, designs should be proposed that offer themes and patterns that can be further expanded in future development.

Brick, stone, or other richly textured, highly durable masonry is desirable for building exteriors on Capitol Square, Centennial Mall, and Lincoln Mall. Permanence should be an overriding characteristic in the

choice of exterior materials. Colors should be drawn from a muted palette of warm, earth tones or shades of white, with the context of surrounding buildings as a guide.

In the rehabilitation of existing buildings, retention of high quality materials and use of new, durable, and high quality materials is also desirable.

Guideline 9.1:

Proposals for new buildings should strengthen interrelationships among buildings within a specific setting, while encouraging variations. Features that contribute to compatibility among buildings include similarities in:

- alignment and setback;
- spaces between buildings;
- silhouette, including height and roof pitch;
- building base–relationship of building to ground or site;
- materials and material scale;
- mass and scale;
- building shade and shadow pattern from massing;
- permanence and durability, with 100 year "life cycle" expected facing Capitol Square and 75 year "life cycle" expected on Centennial and Lincoln Malls;
- entrance position, scale, and features;
- color, finish, and texture;
- size, type, and proportion of openings;
- ornamentation and detail, particularly at street level and in the residential areas;
- landscape design and features;
- cornice heights.

Compatibility per Staff Analysis: High-quality, masonry materials serve as the primary façade material. While the brick color deviates from the buildings directly surrounding the project, it feels appropriate within the larger environs district.

The setback of the building, particularly along the J Street side, is greater than what is typically expected in the district. Given the residential nature of the project and the particular design features of the south façade with a protected patio space, the desire to set the building back is understandable. Regardless, it still deviates moderately from the intent of the standards.

Capitol Environs Design Standard 15: Buildings on J Street/West

J Street west of 9th Street ("J Street/West") should develop, over time, into a medium-density residential area. The build-to line for new buildings on J Street/West shall be 60 feet from the J Street centerline. This reduction of the standard front yard in the underlying zoning districts is intended:

- to encourage a uniform "edge" to the Mall's open space,
- to create more buildable lot area, encouraging quality redevelopment,
- to narrow the very wide open space created by the 120 foot right-of-way and any zoned front yards, which would not reinforce a residential atmosphere for this portion of the District.

Guideline 15.1:

The “South Haymarket Neighborhood Plan” illustrates rowhouses as desirable on J Street/West. Other medium-density housing forms can be considered by the Commission supportive of enhancing the residential character of this portion of the District.

Guideline 15.3:

All new construction along J Street/West should be oriented toward J Street and should contribute to an attractive residential character.

Guideline 15.4:

Where necessary, access features such as ramps or stairs are encouraged to be located in the right-of-way with access easements.

Compatibility per Staff Analysis: This section of the standards is much more explicit in its desire to see new buildings built to the property line along J Street. The proposal clearly deviates from this expectation.

Capitol Environs Design Standard 24: J Street/West Landscape

The "South Haymarket Neighborhood Plan" approved by City Council in 2015 shall guide development of the public landscape of J Street/West. Because the view to the Capitol is limited by the siting of the County/City government campus, this western extension of Lincoln Mall should be less formal than its counterpart. Improvements along this Mall should reinforce a residential environment.

Guideline 24.1

J Street/West rehabilitation should include construction of a center island and realignment of the curb to allow for parallel on-street parking. New curbs should “bump out” at intersections to shorten the crosswalk distance and thus enhance the walkability of the residential neighborhood.

Guideline 24.2

Establish overstory trees within a minimum 8-foot wide “curb zone” along J Street/West. Require placement of one overstory tree on every corner and at every alley intersection (or on both sides of the street at midblock) along the Mall for continuity.

Guideline 24.3

Plant all four corners of street intersections with the same species, but vary the species from one end of the Mall to the other. Variation can also occur at the midblock locations.

Guideline 24.4

Establish center islands with perennials, grasses, or shrubs in large masses for higher interest.

Compatibility per Staff Analysis: The guidelines within this standard and the South Haymarket Design Standards from which they were derived imagine a larger reconstruction of J Street that has yet to happen. As such, it is not the responsibility of the applicant to meet these guidelines as part of their project.

Recommendations

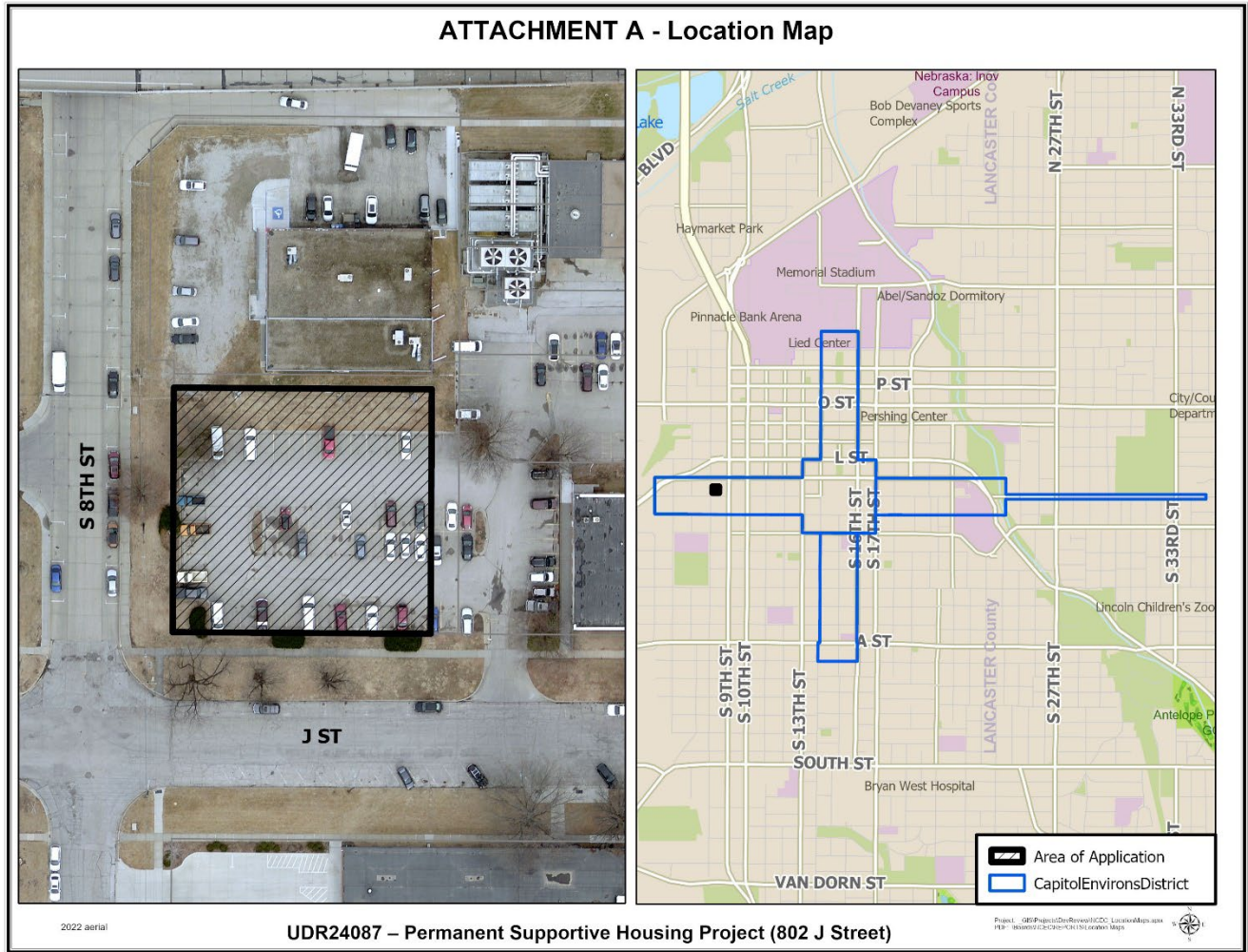
The proposed permanent supportive housing project at 802 J Street will provide needed services to the greater downtown area. Further, the design of the building appears to be thoughtful in how it interacts with both the Capitol Environs District and the South Haymarket neighborhood. That said, the setback of the building from J Street is clearly in conflict with the standards. The Commission should consider whether the justification for this setback as presented by the applicant at the meeting is reasonable or not.

Staff generally recommends approval of the building design, but the setback issue with the building will require consideration and guidance from the Commission. There are two most obvious pathways to approval:

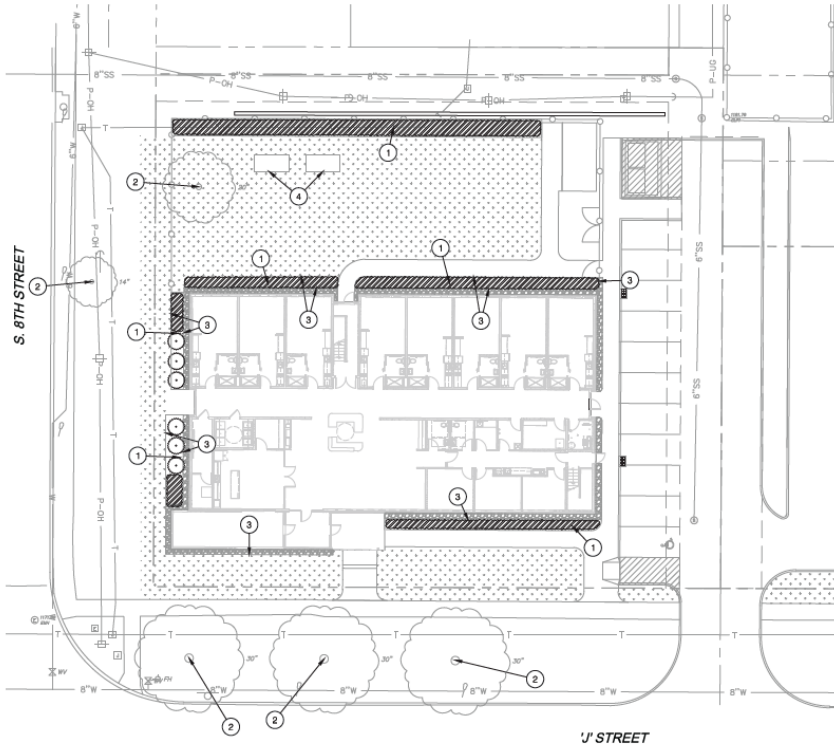
1. The Commission could approve a Certificate of Appropriateness for the project as proposed, understanding that it deviates from the standards. Approving such a deviation is within the purview of the Commission.
2. The Commission could defer a decision to the July meeting to give the applicant a chance to modify their proposal to meet the expectations of the design standards as written.

Beyond that issue, it should be noted that the landscape plan for the project is still conceptual and lacking in details that might be of interest to the Commission like proposed plant species. If the Commission is interested in approving a more developed landscape plan at a future meeting, that direction should be provided to the applicant.

ATTACHMENT A – Location Map



ATTACHMENT B – Site Plan



LANDSCAPE LEGEND:

- LIMITS OF CONSTRUCTION
- RIGHT OF WAY / PROPERTY LINE
- SHEET MATCHLINE
- EXISTING TREE TO REMAIN AND TO BE PRESERVED AND PROTECTED
- OVERSTORY TREE; CITY TO COORDINATE
- EVERGREEN SHRUB
- LANDSCAPE BED
- TURF TYPE FESCUE SOO
- ROCK MULCH
- PLANTER BED

LANDSCAPE PLAN NOTES:

- ① PLANTING BED WITH SHREDDED HARDWOOD MULCH; REF: LANDSCAPE GENERAL NOTES
- ② EXISTING TREE TO REMAIN AND TO BE PRESERVED AND PROTECTED
- ③ STEEL METAL EDGING
- ④ PLANTER BEDS



ATTACHMENT B – Renderings



Southeast perspective



South perspective



Southwest perspective



Northwest perspective

CITY OF LINCOLN, NEBRASKA

U R B A N D E V E L O P M E N T D E P A R T M E N T



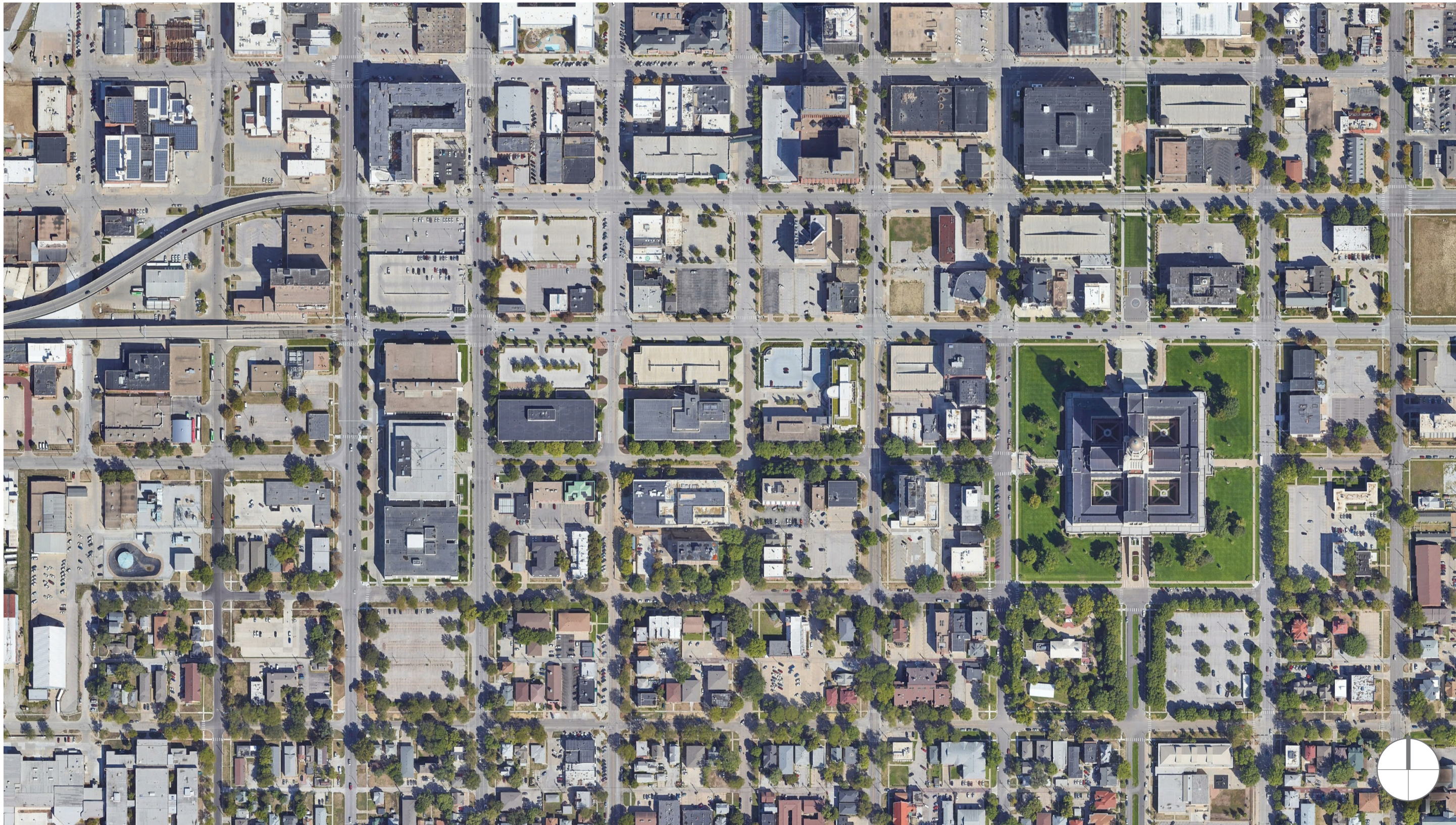
PERMANENT SUPPORTIVE HOUSING

CAPITOL ENVIRONS COMMISSION

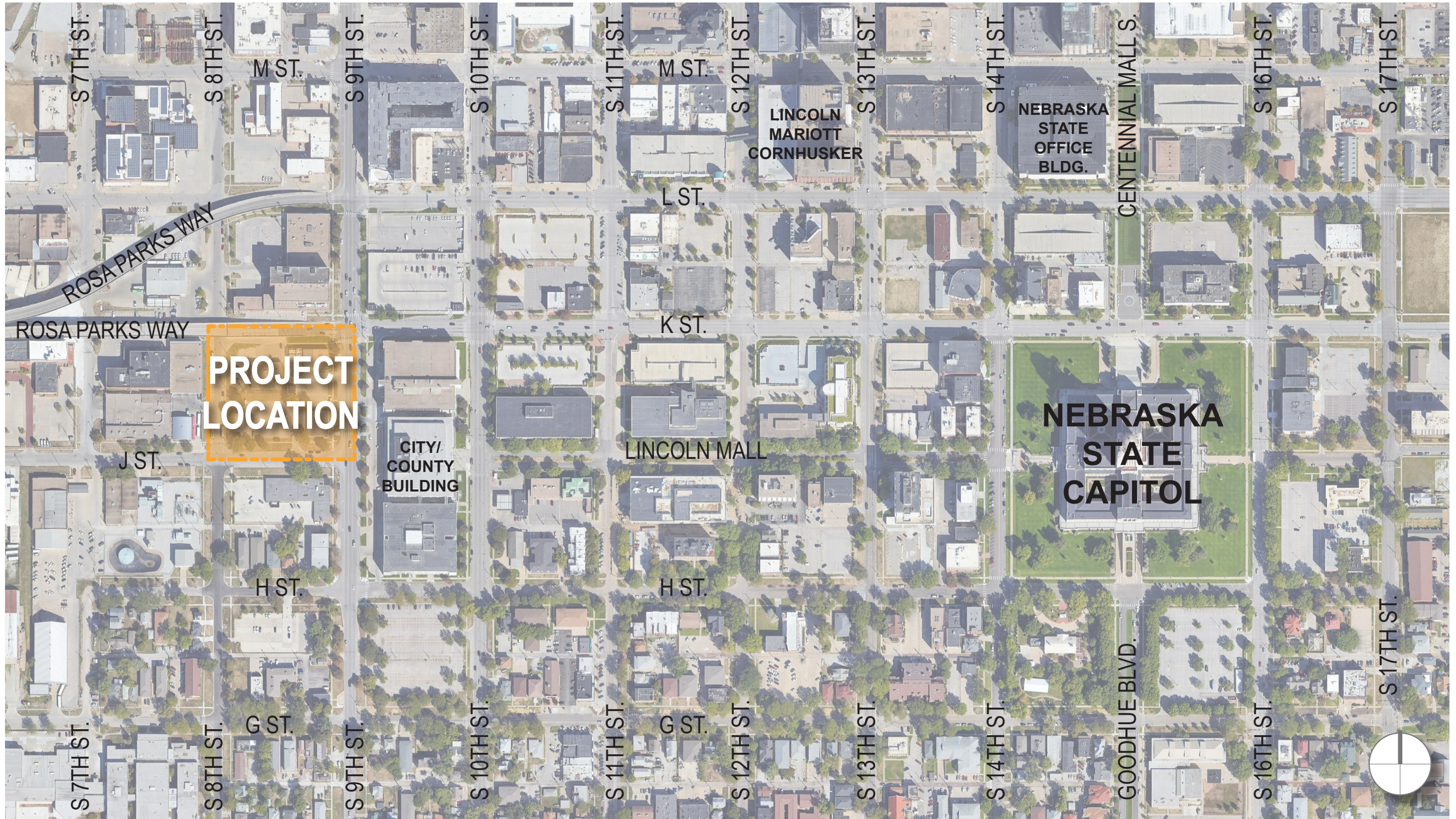
June 28, 2024



SINCLAIR
HILL
ARCHITECTS



CONTEXT AERIAL
NOT TO SCALE



**PROJECT
LOCATION**

**NEBRASKA
STATE
CAPITOL**

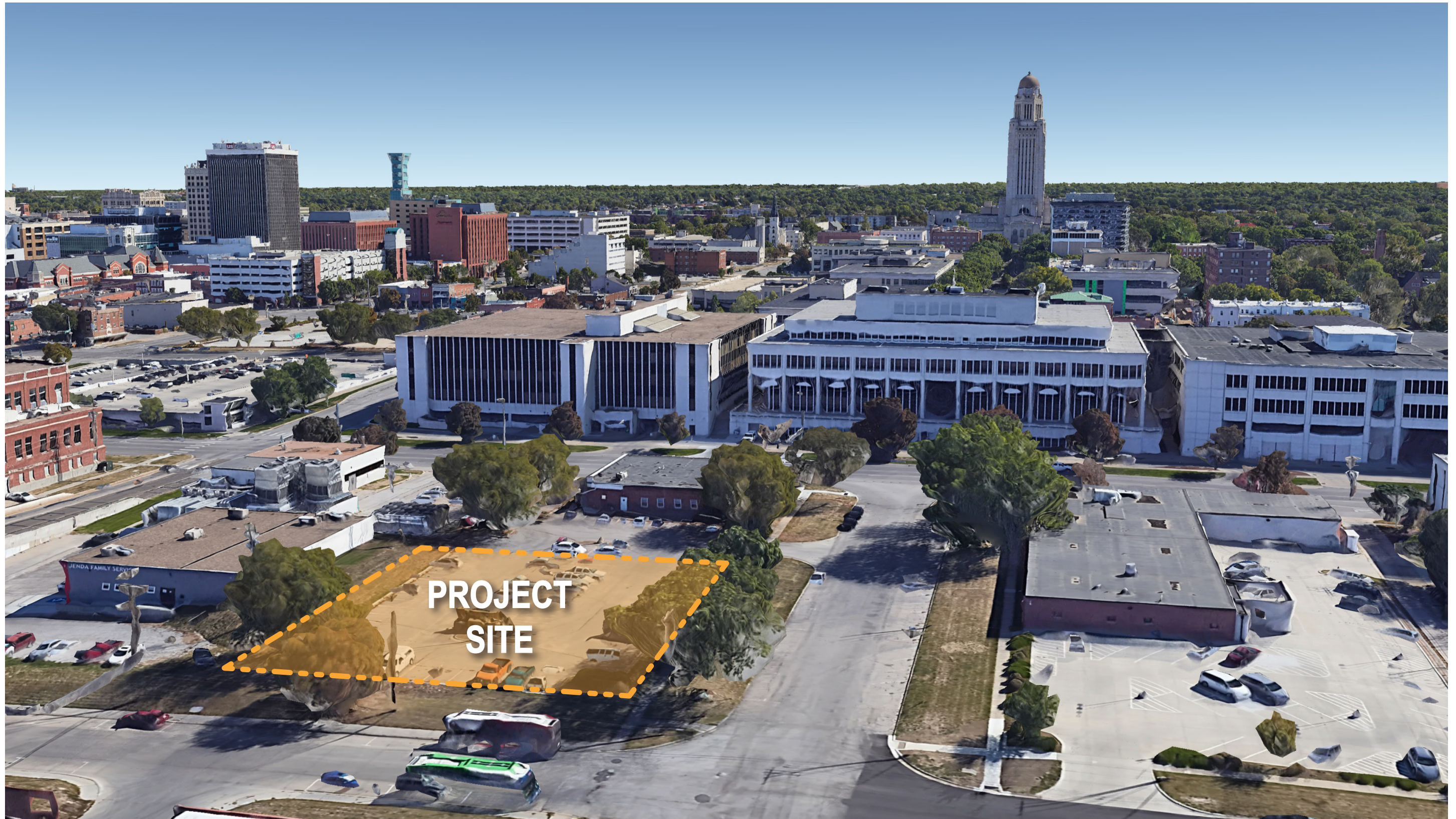
CONTEXT AERIAL
NOT TO SCALE



SITE AERIAL
NOT TO SCALE



AERIAL VIEW - LOOKING NORTHWEST



AERIAL VIEW - LOOKING NORTHEAST



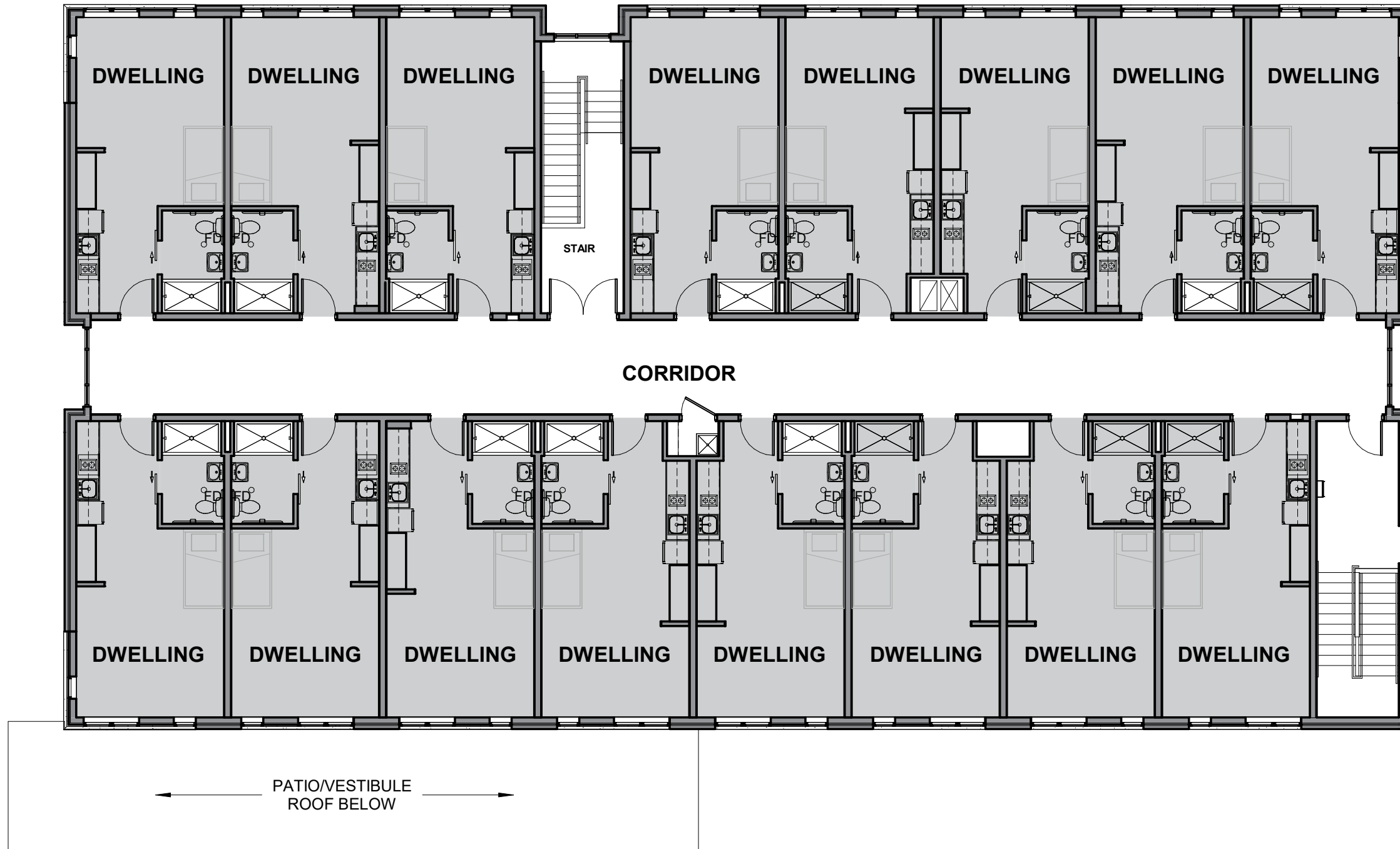
VIEW FROM INTERSECTION OF 8TH AND J STREET LOOKING NORTHEAST



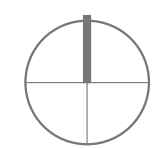
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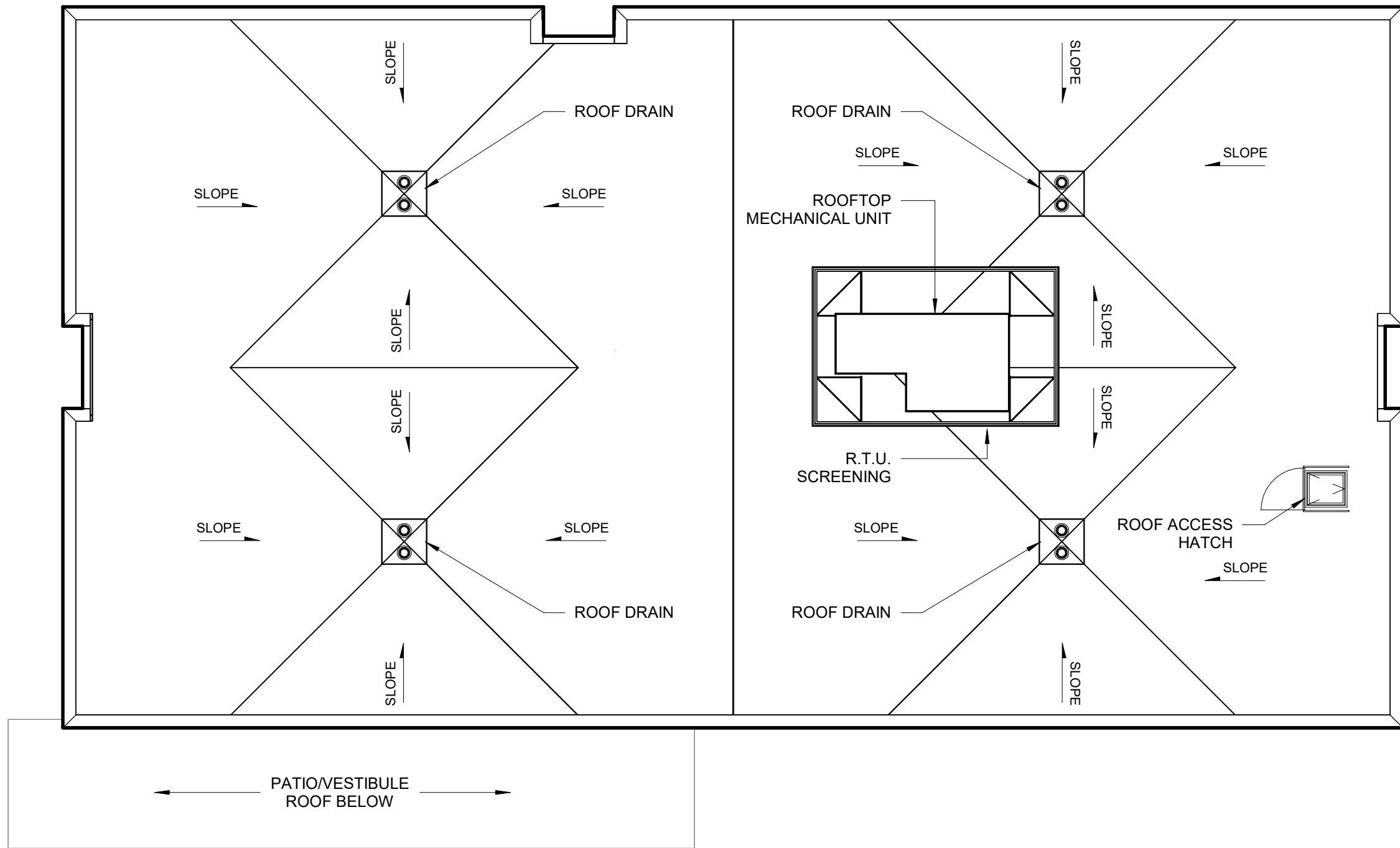
FIRST LEVEL FLOOR PLAN
SCALE: 3/32" = 1' - 0"



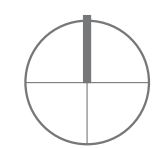
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SECOND LEVEL FLOOR PLAN
SCALE: 3/32" = 1' - 0"



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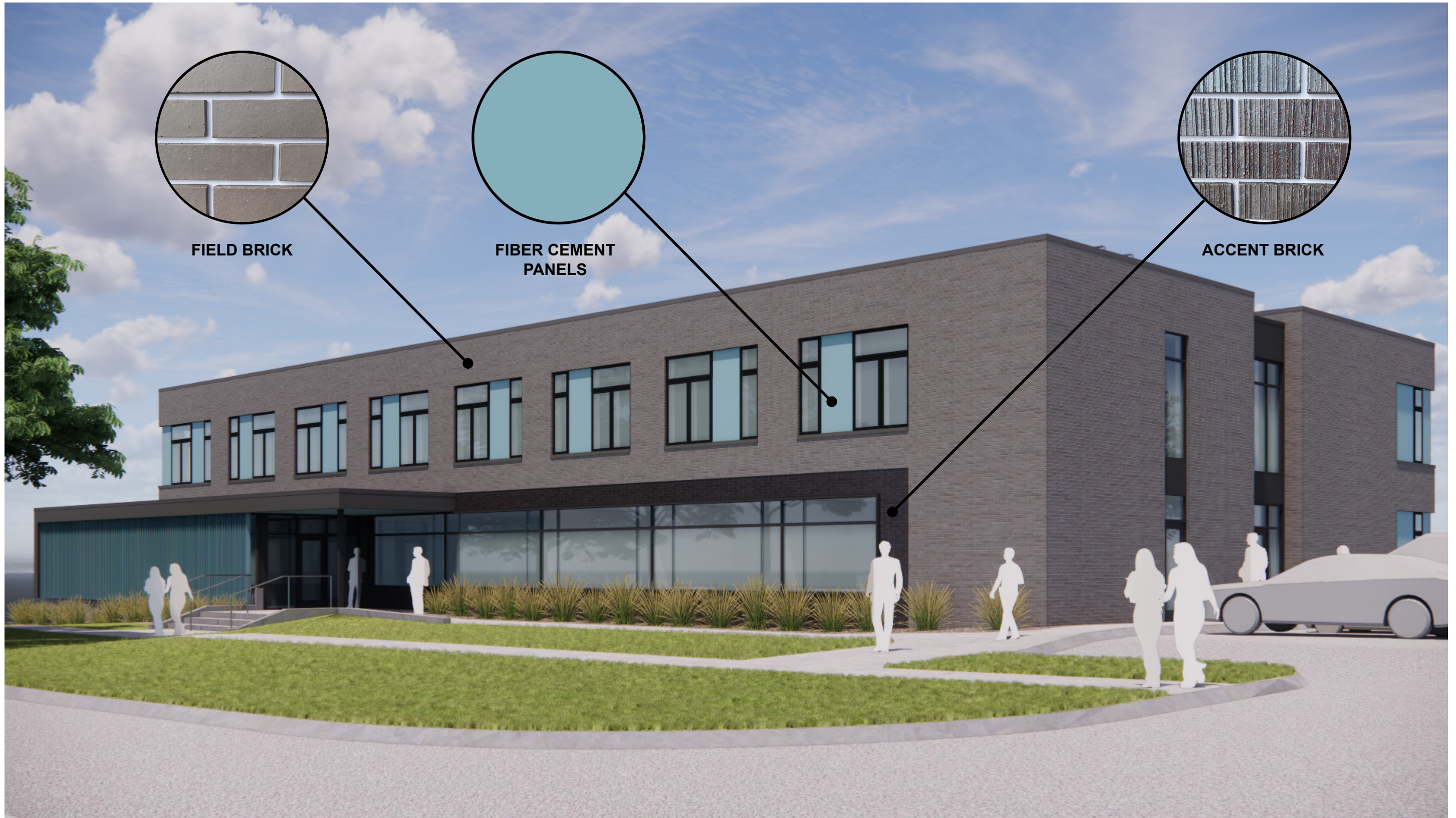


ROOF PLAN
SCALE: 3/32" = 1' - 0"



SOUTHEAST PERSPECTIVE

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FIELD BRICK

FIBER CEMENT
PANELS

ACCENT BRICK

SOUTHEAST PERSPECTIVE



SOUTH PERSPECTIVE



FIELD BRICK

SLAT SCREENING

**CAST-IN-PLACE
CONCRETE**

SOUTH PERSPECTIVE



SOUTHWEST PERSPECTIVE

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FIELD BRICK

PERFORATED METAL
SCREEN

FIBER CEMENT
PANELS

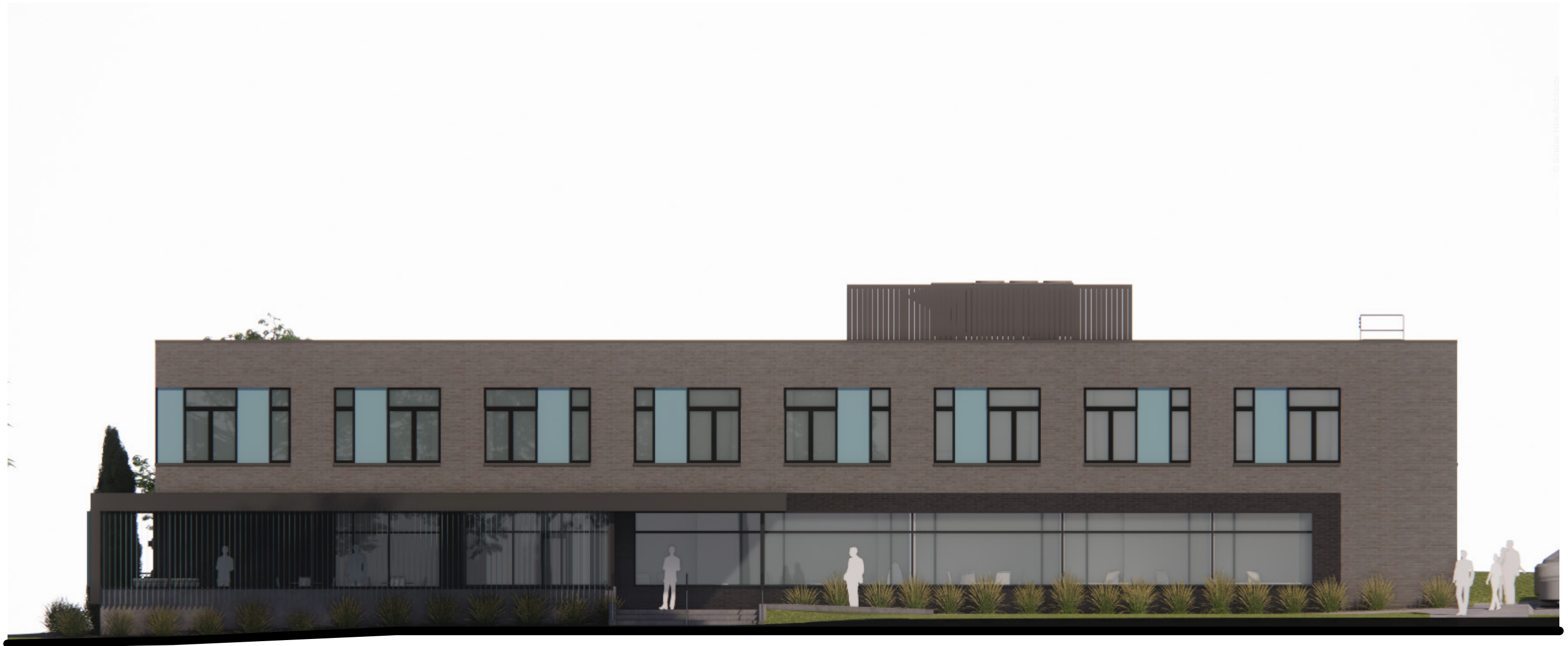
SOUTHWEST PERSPECTIVE



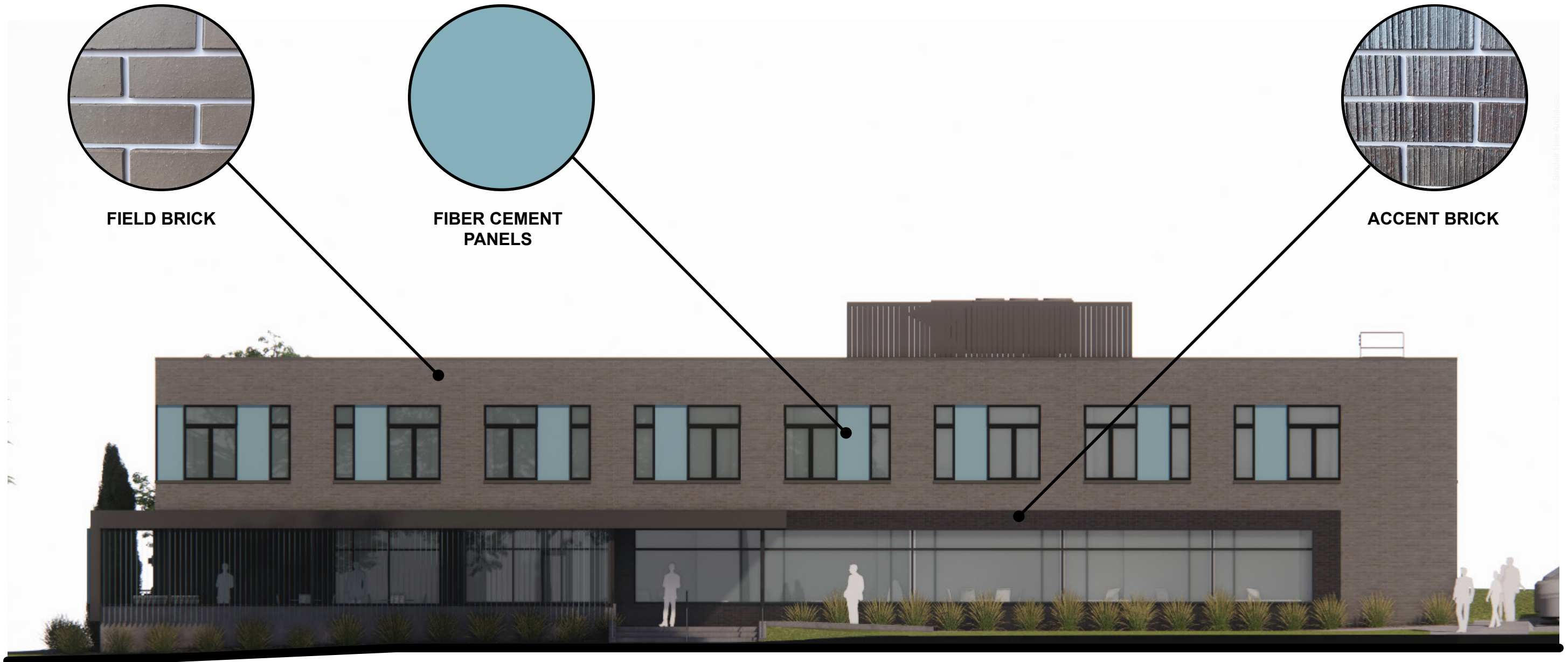
NORTHWEST AERIAL PERSPECTIVE

CITY OF LINCOLN - PERMANENT SUPPORTIVE HOUSING | CAPITOL ENVIRONS COMMISSION





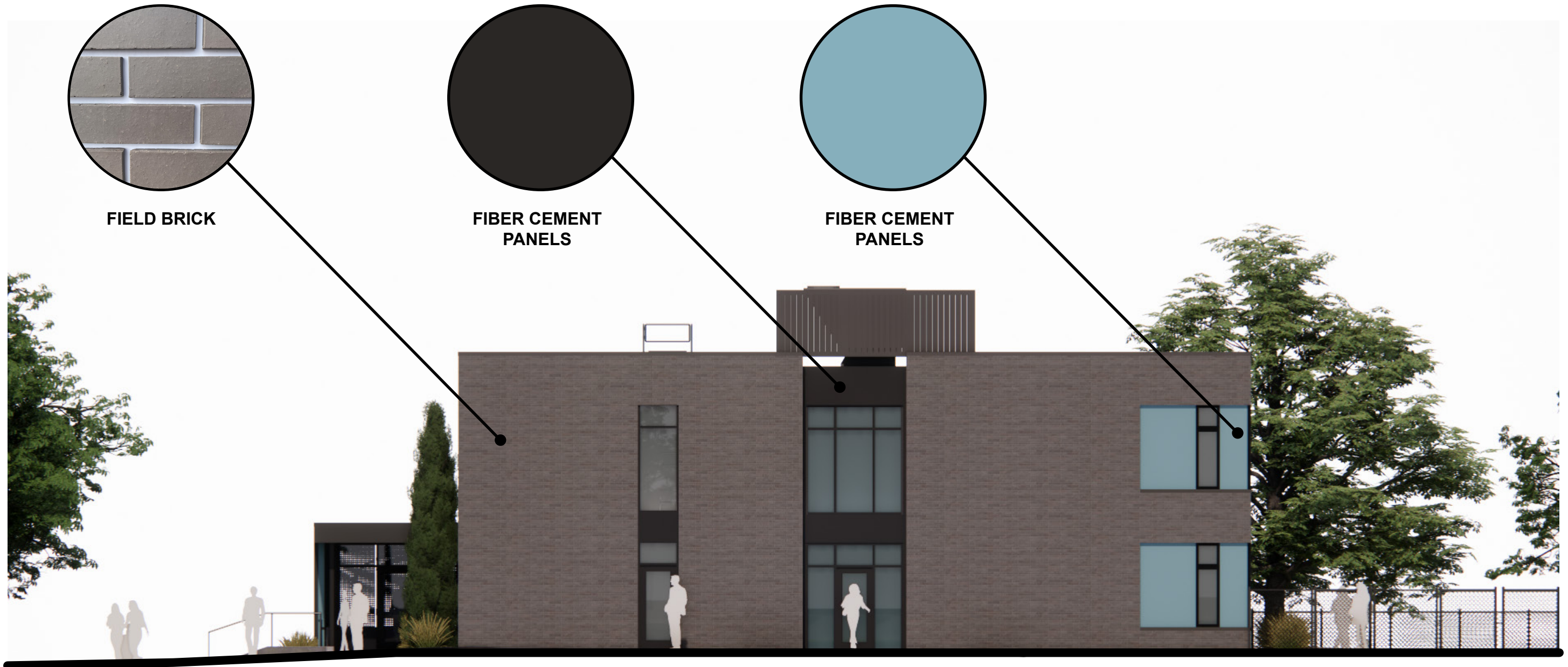
SOUTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION

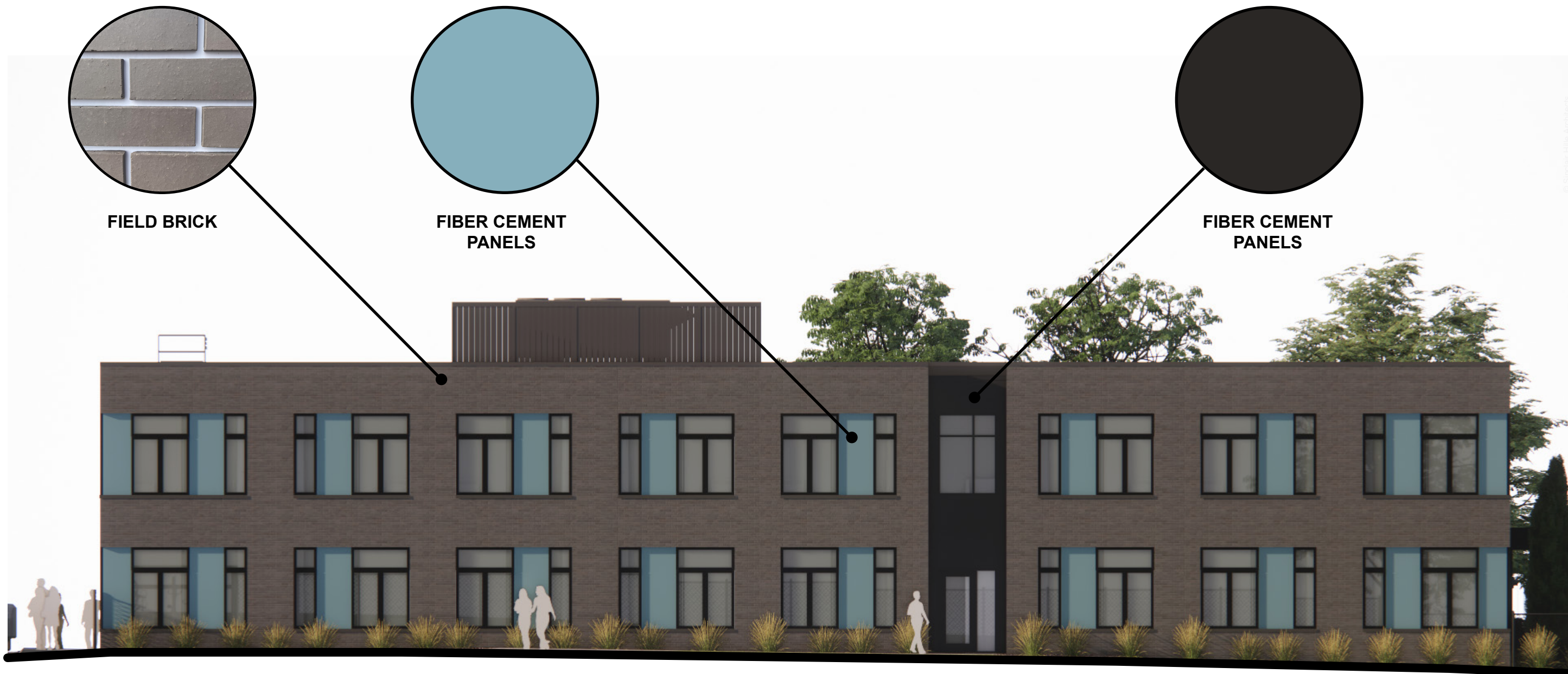


EAST ELEVATION



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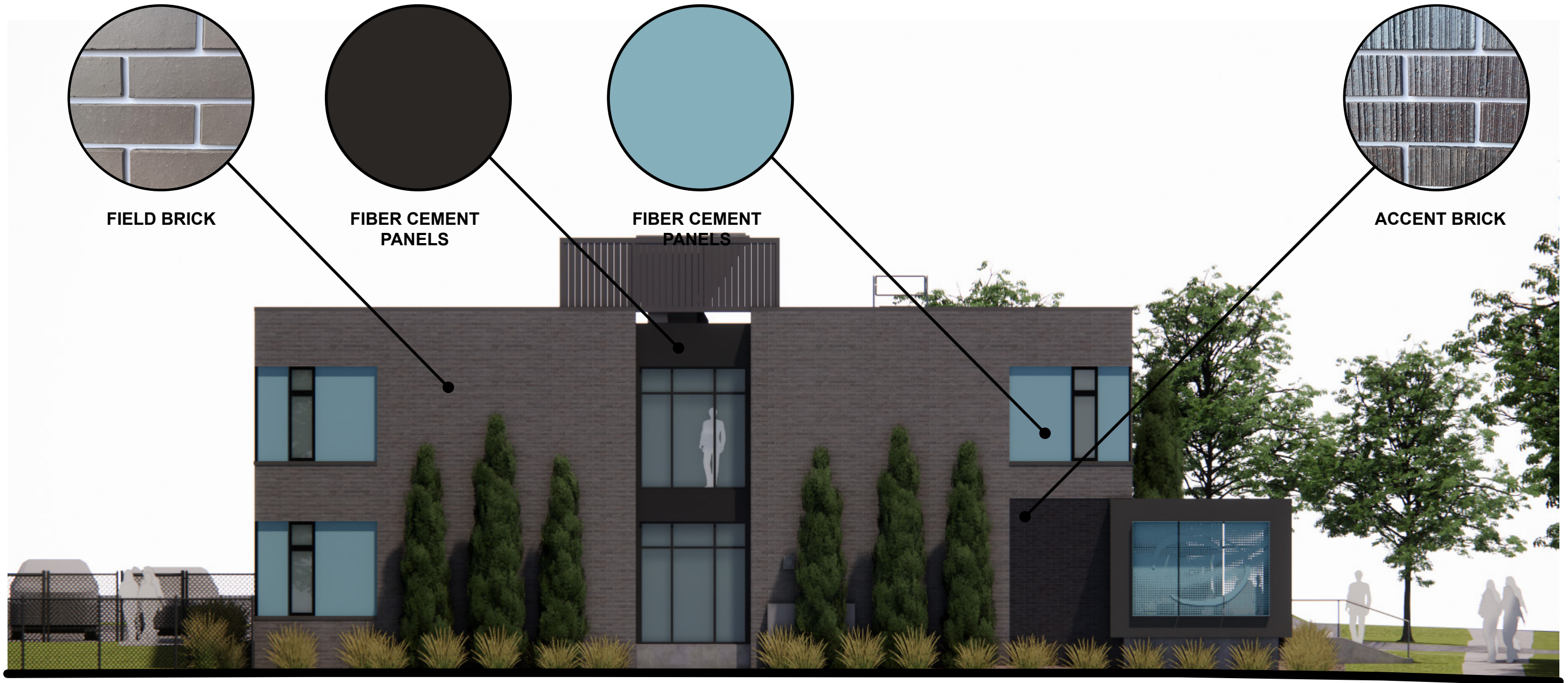
NORTH ELEVATION



NORTH ELEVATION



WEST ELEVATION



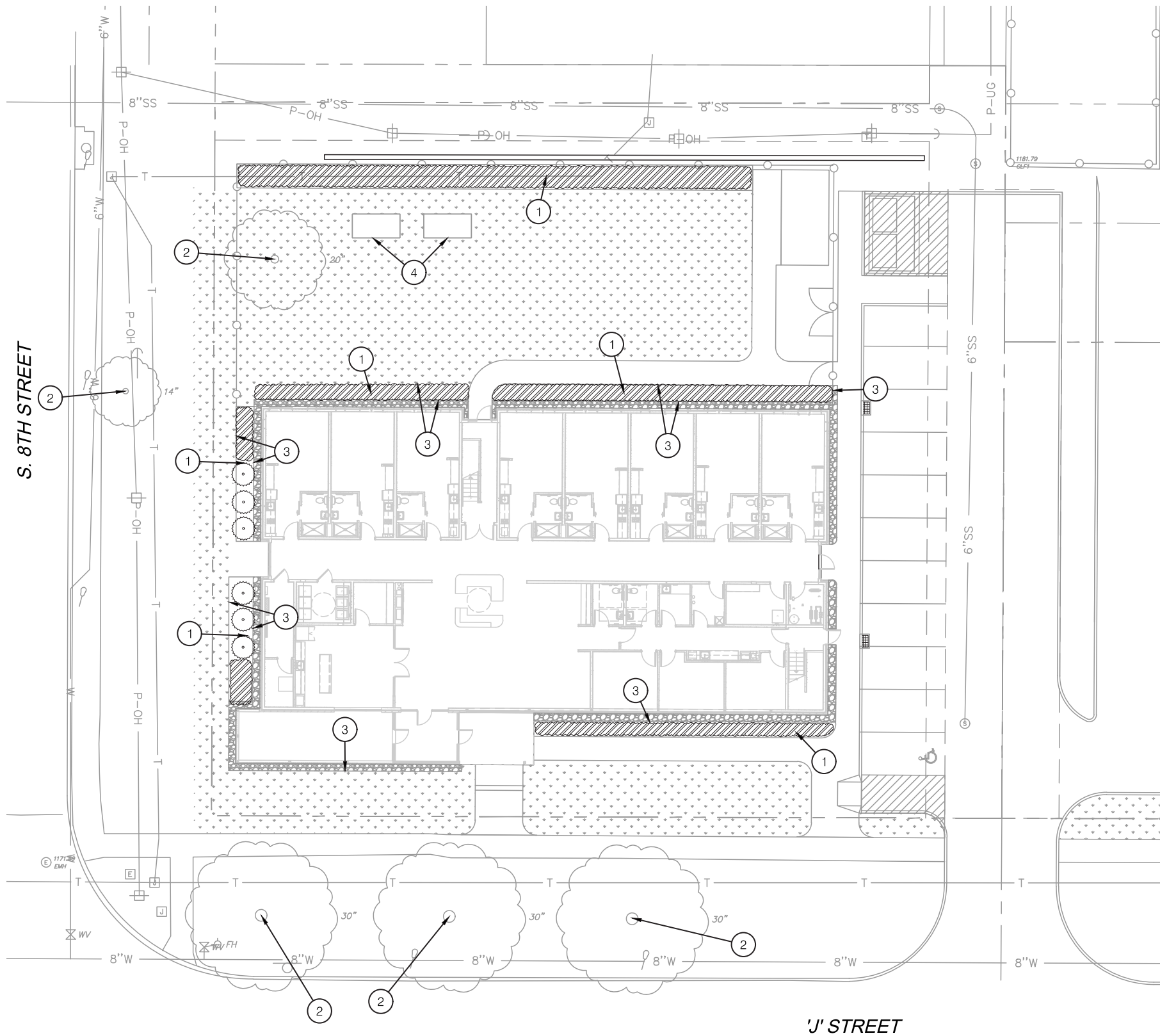
FIELD BRICK

FIBER CEMENT
PANELS





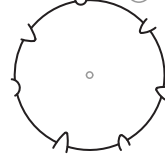





FIBER CEMENT
PANELS

ACCENT BRICK

WEST ELEVATION

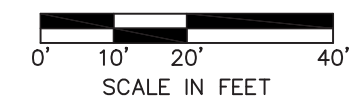


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- ④ PLANTER BEDS



SITE PLAN

THANK YOU

