

City of Peoria, Illinois
Moss Avenue Reconstruction
SWU Capital Improvement Project

Addendum Number 1

October 17, 2024

The Specifications, Plans, Material Quantities, and Contract Proposal signed by the City Engineer on September 27, 2024 are modified by this addendum and shall be acknowledged in Article 3 of the Proposal.

Bid Opening Date is changed to 10:00 A.M. October 24, 2024.

SPEC. SECTION and/or PLAN SHEET(s)	DESCRIPTION
Contract Proposal Table of Contents	The Proposal Documents section of the Table of Contents has been updated.
Proposal Bid Form	Article 5 – 5.01 Base Bid: Multiple pay items have been changed, added, or deleted. 5.02 Subcontracting: This section has been added to the proposal to specify the maximum amount of the work that can be subcontracted.
Special Provisions	The following Special Provisions have been added or modified. These special provisions are attached to and included in this addendum. <ul style="list-style-type: none"> • Ductile Iron Watermain • Hydrostatic Testing and Disinfecting Water Mains • Watermain Casing Pipe • Remove Existing Pedestrian Push Button • Select Granular Backfill (Special) • Remove and Relocate Sign Panel and Pole Assembly • Cleanouts • Fire Hydrant Assembly Complete • Gate Valves, 8" with Vault Box • Check Sheet for Recurring Special Provisions
Plan Sheets	The following plan sheets are reissued with this addendum: Sheet 3: Summary of Quantities – Specialty Items have been identified for select pay items with a column added to the Table. The following items have been modified: <ul style="list-style-type: none"> • 20101400 – Deleted • 20101500 – Deleted • 20101600 – Deleted • 25000400 – New Item • 25000500 – New Item • 25000600 – New Item • 21001000 – Quantity changed

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	<ul style="list-style-type: none"> • 21101615 – Quantity changed • 25200100 – Quantity changed • 31101200 – Quantity changed • 40600275 – Quantity changed • 40600290 – Quantity changed • 40603230 – Quantity changed • 40604100 – Deleted • 40604160 – New Item • 44200942 – New Item • 56103400 – Quantity changed • 60604400 – Quantity changed • 78009004 – Quantity changed • 78009006 – Quantity changed • 78009024 – Quantity changed • 78011025 – Quantity changed • 78011035 – Quantity changed • 78011125 – Quantity changed • 87601200 – New Item • 88800100 – Deleted • X1400378 – Deleted • X2090215 – Quantity changed • X2600012 – Quantity changed • X6010124 – Deleted • X6010824 – Quantity changed • X6026616 – Quantity changed • XX006739 – Quantity changed • Z0076604 – New Item
	<p>Sheet 8: Typical Sections – The Concrete Pavers Table has been modified between Sta 41+68 to 42+41. The width of the concrete pavers is identified as a nominal 7 feet on the typical sections and plans. The pavers shall be installed as whole blocks or half blocks. The exact width of the installed pavers may be marginally more or less than 7 feet wide. The offset location of the curb and gutter shall be as specified and any variation in width of the concrete pavers shall be made within the asphalt pavement width.</p>
	<p>Sheet 21: Removal Plans – Added 21 SY Class B Patch, Type III, 8” to the MacArthur pavement on the Left side from Sat 10+88 to 11+04. This work may not be necessary if the 16” watermain can be restrained with thrust blocks instead of restrained joints.</p>
	<p>Sheet 29: Plan & Profile – The curb & gutter radius and concrete paver limits on the left side near Sta 42+40 have been changed.</p>
	<p>Sheet 42: Drainage Plan & Profile – The curb & gutter radius and concrete paver limits on the left side near Sta 42+40 have been changed.</p>

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	Sheet 60: Middle Stage Construction, Phase 2 – The curb & gutter radius and concrete paver limits on the left side near Sta 42+40 have been changed.
	Sheet 76: Pavement Marking Plans – The Pavement Marking layout on Barker Avenue has been changed.
	Sheet 77: Pavement Marking Plans – The Pavement Marking layout on Barker Avenue has been changed.
	Sheet 83: Intersection Detail, Duryea Pl. & Barker Ave. – The curb & gutter radius, concrete paver limits, and pavement marking on Barker Avenue has been changed.
	Sheet 90: Erosion Control Plans – The curb & gutter radius and concrete paver limits on the left side near Sta 42+40 have been changed.
	Sheet 178: General Notes & Legend – Changes to the Quantity Table include 8" Gate Valves, 16" DIP, and Select Granular Backfill.
	Sheet 187: The 16" DIP length was changed to 45 LF
	Sheet 193: The 16" DIP length was changed to 45 LF and a note was added that the Contractor will need to expose the existing 16" watermain on both sides of the Tapping Tee. Pavement patching quantity has been added to the allow for the removal and replacement of the 8" PCC pavement.

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Equal Opportunity Manager
ooo@peoriagov.org
 (309) 494-8530

The Fifty-dollar (\$50.00) processing fee can be paid by check, payable to the City of Peoria, or online through the State of Illinois E-Pay process. To pay online go to www.illinoisepay.com and follow the instructions. The only exception to payment of the processing fee is neighborhood associations.

Although all vendors are encouraged to obtain an EEO Certification Number, you do not need a number to respond to a bid. The number is only required prior to the award of a contract.

EEO CERTIFICATION* (Check one):

- We are presently applying for the EEO Certification. Employer Report Form (Form CC-1) is completed and enclosed.
- Presently, we have the Employer Report Form (Form CC-1) on file with the City of Peoria, Office of Equal Opportunity and have a current Certificate of Compliance Number.

Certificate of Compliance Number: _____

ARTICLE 5 – BASIS OF BID (Addendum 1)

5.01 Base Bid: Bidder will complete the work in accordance with the contract documents for the following price(s):

Item	Description	Quantity	Unit	Unit Price	Amount
1*	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	85	UNIT		
2*	TREE REMOVAL (OVER 15 UNITS DIAMETER)	598	UNIT		
3	TREE TRUNK PROTECTION	68	EACH		
4	EARTH EXCAVATION	12,080	CU YD		
5	TRENCH BACKFILL	32	CU YD		
6	POROUS GRANULAR BACKFILL	4,449	CU YD		
7	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	21,852	SQ YD		
8	TOPSOIL FURNISH AND PLACE, 4"	8,165	SQ YD		
9	NITROGEN FERTILIZER NUTRIENT	101	POUND		
10	PHOSPHORUS FERTILIZER NUTRIENT	101	POUND		
11	POTASSIUM FERTILIZER NUTRIENT	101	POUND		
12	SODDING	8,165	SQ YD		
13	TEMPORARY EROSION CONTROL SEEDING	185	POUND		
14	INLET AND PIPE PROTECTION	89	EACH		
15	FILTER FABRIC	6,635	SQ YD		

Item	Description	Quantity	Unit	Unit Price	Amount
16	AGGREGATE SUBGRADE IMPROVEMENT	1,764	CU YD		
17	SUBBASE GRANULAR MATERIAL, TYPE A 7"	12,041	SQ YD		
18	SUBBASE GRANULAR MATERIAL, TYPE B 4"	3,447	SQ YD		
19	AGGREGATE FOR TEMPORARY ACCESS	277	TON		
20	BITUMINOUS MATERIALS (PRIME COAT)	43,896	POUND		
21	BITUMINOUS MATERIALS (TACK COAT)	4,390	POUND		
22	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4,916	TON		
23	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	1,639	TON		
24	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	2,126	SQ YD		
25	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	51	SQ YD		
26	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	20,007	SQ FT		
27	DETECTABLE WARNINGS	390	SQ FT		
28	PAVEMENT REMOVAL	22,038	SQ YD		
29	DRIVEWAY PAVEMENT REMOVAL	2,201	SQ YD		
30	SIDEWALK REMOVAL	20,072	SQ FT		
31	CLASS B PATCHES, TYPE III, 8 INCH	21	SQ YD		
32	STORM SEWERS, CLASS B, TYPE 1 12"	382	FOOT		
33	STORM SEWERS, CLASS B, TYPE 1 15"	127	FOOT		
34	STORM SEWERS, CLASS B, TYPE 1 21"	12	FOOT		
35	STORM SEWERS, CLASS B, TYPE 1 24"	34	FOOT		
36	STORM SEWERS, CLASS B, TYPE 2 12"	8	FOOT		
37	STORM SEWER REMOVAL 10"	48	FOOT		
38*	STORM SEWER REMOVAL 12"	185	FOOT		
39*	DUCTILE IRON WATER MAIN 6"	38	FOOT		
40*	DUCTILE IRON WATER MAIN 8"	6,310	FOOT		
41	DUCTILE IRON WATER MAIN 16"	45	FOOT		
42	PIPE UNDERDRAINS, TYPE 3	444	FOOT		
43	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	8	EACH		
44	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	1	EACH		
45	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2	EACH		
46	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	1	EACH		

Item	Description	Quantity	Unit	Unit Price	Amount
47	INLETS, TYPE A, TYPE 8 GRATE	4	EACH		
48	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	30	EACH		
49	REMOVING MANHOLES	4	EACH		
50	REMOVING INLETS	9	EACH		
51	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	7,530	FOOT		
52	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	4,357	FOOT		
53	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	56	FOOT		
54	CONCRETE MEDIAN, TYPE SM-6.06	29	SQ FT		
55	FLAP GATE 12"	1	EACH		
56	FLAP GATE 15"	1	EACH		
57	FLAP GATE 24"	1	EACH		
58	ENGINEER'S FIELD OFFICE, TYPE B	21	CAL MO		
59	MOBILIZATION	1	L SUM		
60*	TELESCOPING STEEL SIGN SUPPORT	16	FOOT		
61*	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	515	SQ FT		
62*	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	2,278	FOOT		
63*	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	5,931	FOOT		
64*	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	118	FOOT		
65*	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	2,367	FOOT		
66*	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	515	SQ FT		
67*	GROOVING FOR RECESSED PAVEMENT MARKING 5"	2,278	FOOT		
68*	GROOVING FOR RECESSED PAVEMENT MARKING 7"	5,931	FOOT		
69*	GROOVING FOR RECESSED PAVEMENT MARKING 13"	118	FOOT		
70*	GROOVING FOR RECESSED PAVEMENT MARKING 25"	2,367	FOOT		
71*	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	64	FOOT		
72*	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	1,196	FOOT		

Item	Description	Quantity	Unit	Unit Price	Amount
73*	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	132	FOOT		
74	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	8	EACH		
75	BIAXIAL GEOGRID	7,959	SQ YD		
76	TRIAxIAL GEOGRID REINFORCEMENT, TY I	164	SQ YD		
77*	REMOVE AND REINSTALL BRICK PAVER	1,638	SQ FT		
78*	HYDROSTATIC TESTING AND DISINFECTING WATER MAINS	6,398	FOOT		
79*	WATERMAIN CASING PIPE	279	FOOT		
80*	REMOVE EXISTING PEDESTRIAN PUSH BUTTON	8	EACH		
81	SELECT GRANULAR BACKFILL (SPECIAL)	1,388	CU YD		
82	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	15	EACH		
83	AGGREGATE BASE COURSE, TYPE CA-7	4,866	TON		
84	PORTLAND CEMENT CONCRETE PAVEMENT 6" (SPECIAL)	539	SQ YD		
85	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	11,881	FOOT		
86*	CLEANOUTS	2	EACH		
87	FIRE HYDRANT ASSEMBLY COMPLETE	19	EACH		
88	PIPE UNDERDRAINS, TYPE 2, 15"	1,279	FOOT		
89	PIPE UNDERDRAINS, TYPE 2, 18"	479	FOOT		
90	PIPE UNDERDRAINS, TYPE 2, 24"	2,088	FOOT		
91	PIPE UNDERDRAINS, TYPE 2, 30"	910	FOOT		
92	CATCH BASINS, TYPE B - MODIFIED	2	EACH		
93	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, (SPECIAL)	8	EACH		
94	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (SPECIAL)	12	EACH		
95*	INLETS (SPECIAL)	1	EACH		
96	GATE VALVE, 8" WITH VAULT BOX	8	EACH		
97	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	L SUM		
98	CONCRETE PAVERS, TYPE A	26,987	SQ FT		
99*	CONCRETE STEPS	2	CU YD		
100	CONSTRUCTION LAYOUT	1	L SUM		
101*	DETOUR SIGNING	1	L SUM		
102*	PRESSURE CONNECTION TO EXISTING WATER MAIN	12	EACH		

Item	Description	Quantity	Unit	Unit Price	Amount
103	REMOVE AND RESET EXISTING STREET LIGHTS	3	EACH		
104	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	51	FOOT		
105	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	26	FOOT		
106	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	15	FOOT		
107	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	15	FOOT		
108	TRAINEES TRAINING PROGRAM GRADUATE	500	HOURS	\$15.00	\$7,500.00
Total Bid Amount:					

in writing _____

5.02 Subcontracting

- A. Items identified with an asterisk in the above table are classified as Specialty Items with respect to contracting requirements of Section 108.01 of the Illinois Department of Transportation - Standard Specifications for Road and Bridge Construction, Latest Edition. The Contractor shall perform not less than 50 percent of the total contract cost less the Specialty Items.
- B. Bidder shall list all Subcontractors on the City of Peoria Subcontractor Utilization Statement form included with this Proposal. The list shall include all Subcontractors, the dollar value of their work, percentage of the total proposal, and the scope of the work they will provide. Specialty Item work shall be clearly identified on the Subcontractor Utilization Statement.
- C. Specialty Items have no impact on the EEO goals for MBE and WBE participation. The EEO goals are a percentage of the Total Bid Amount.

5.03 Bidder has received the Excel file of the bid items provided by the City. The Excel file is provided as a convenience for the bidder, but the Bid Sheet in the formal bid package shall control. Bidder shall be responsible for providing a fully responsive bid and hereby waives any responsibility of the City for any discrepancies in the Excel file. The bid items and quantities above are the official Bid items for the project. The Bid Total shall be written on the form above.

 Signature Date

DUCTILE IRON WATERMAIN 6" (56103000), 8" (56103100), 16" (56103400)

The materials and installation requirements for this work are provided in the Watermain Specifications document included within these special provisions. The work and materials shall be paid at the contract unit price per Foot for Ductile Iron Watermain of the specified diameter.

HYDROSTATIC TESTING AND DISINFECTING WATER MAINS (X1200085)

The materials and installation requirements for this work are provided in the Watermain Specifications document included within these special provisions. The work and materials shall be paid at the contract unit price per Foot for Hydrostatic Testing and Disinfecting Water Mains.

WATERMAIN CASING PIPE (X1200246)

The materials and installation requirements for this work are provided in the Watermain Specifications document included within these special provisions. The work and materials shall be paid at the contract unit price per Foot for Watermain Casing Pipe.

REMOVE EXISTING PEDESTRIAN PUSH BUTTON (X1400423)

This work shall consist of removing the existing push button system from the existing push button posts. The City will provide 8 new push buttons to be installed in the new posts. Payment for the removal and installation shall be paid per Each at the contract unit price for Remove Existing Pedestrian Push Button.

SELECT GRANULAR BACKFILL (SPECIAL) (X2090215)

The materials and installation requirements for this work are provided in the Watermain Specifications document included within these special provisions. The material to be paid at the Contract Unit Price per Cubic Yard shall be the Final Backfill material as shown and labeled in the Watermain Details on Sheet C-504. Select Granular Backfill shall be used in all locations under or within 2 feet of pavement materials.

REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY (X2600012)

This work shall consist of removing, storing, protecting, and installing the sign panels identified in the plans. Installation shall be in accordance with IDOT Standards 720001 and 720011. Payment for the removal and installation shall be paid per Each at the contract unit price for Remove and Relocate. Sign Panel and Pole Assembly.

CLEANOUTS (X5610001)

This work shall consist of installing a 4" elbow with cap compatible with Pipe Underdrain, Type 3 (corrugated polyethylene pipe) at the locations identified in the plans. Payment shall be paid per Each at the contract unit price for Cleanouts.

FIRE HYDRANT ASSEMBLY COMPLETE (X5640150)

The materials, installation requirements, and method of payment for this work are provided in the Watermain Specifications document included within these special provisions.

GATE VALVES, 8" WITH VAULT BOX (X6026616)

The materials, installation requirements, and method of payment for this work are provided in the Watermain Specifications document included within these special provisions.



Check Sheet for Recurring Special Provisions

Local Public Agency	County	Section Number
Peoria, Illinois	Peoria	

Check this box for lettings prior to 01/01/2024.

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	59
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	62
3	<input type="checkbox"/> EEO	63
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	73
5	<input type="checkbox"/> Required Provisions - State Contracts	78
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	84
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	85
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	86
9	<input checked="" type="checkbox"/> Construction Layout Stakes	87
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	90
11	<input type="checkbox"/> Subsealing of Concrete Pavements	92
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	96
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	98
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	99
15	<input type="checkbox"/> Polymer Concrete	101
16	<input type="checkbox"/> Reserved	103
17	<input type="checkbox"/> Bicycle Racks	104
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	106
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	108
20	<input type="checkbox"/> English Substitution of Metric Bolts	109
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	110
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	111
23	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	119
24	<input type="checkbox"/> Reserved	135
25	<input type="checkbox"/> Reserved	136
26	<input type="checkbox"/> Temporary Raised Pavement Markers	137
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	138
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	141
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	145
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	148
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	150
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	151

Local Public Agency

County

Section Number

Peoria, Illinois

Peoria

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	153
LRS 2	<input type="checkbox"/> Furnished Excavation	154
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	155
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	156
LRS 5	<input checked="" type="checkbox"/> Contract Claims	157
LRS 6	<input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	158
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LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	181
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SUMMARY OF QUANTITIES

SPECIALTY ITEM	PAY ITEM	DESCRIPTION	UNIT	CITY SWU	CITY MFT	IAWC	TOTAL
Y	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	85			85
Y	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	598			598
	20101100	TREE TRUNK PROTECTION	EACH	68			68
	20200100	EARTH EXCAVATION	CU YD	12,080			12,080
	20800150	TRENCH BACKFILL	CU YD	32			32
	20900110	POROUS GRANULAR BACKFILL	CU YD	4,449			4,449
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	9,750	5,921	6,181	21,852
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8,165			8,165
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	101			101
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	101			101
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	101			101
	25200100	SODDING	SQ YD	8,165			8,165
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	185			185
	28000500	INLET AND PIPE PROTECTION	EACH	89			89
	28200200	FILTER FABRIC	SQ YD	6,635			6,635
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	787	478	499	1,764
	31100600	SUBBASE GRANULAR MATERIAL, TYPE A 7"	SQ YD	5,372	3,263	3,406	12,041
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,447			3,447
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	277			277
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	28,892	7,341	7,663	43,896
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,890	734	766	4,390
	40603230	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3,236	822	858	4,916
	40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,079	274	286	1,639
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	2,126			2,126
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	51			51
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	18,907		1,100	20,007
	42400800	DETECTABLE WARNINGS	SQ FT	390			390
	44000100	PAVEMENT REMOVAL	SQ YD	15,369	3,263	3,406	22,038
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,201			2,201
	44000600	SIDEWALK REMOVAL	SQ FT	18,972		1,100	20,072
	44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	0		21	21
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	382			382
	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	127			127
	550B0110	STORM SEWERS, CLASS B, TYPE 1 21"	FOOT	12			12
	550B0120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	34			34
	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	8			8
	55100400	STORM SEWER REMOVAL 10"	FOOT	48			48
	55100500	STORM SEWER REMOVAL 12"	FOOT	185			185
Y	56103000	DUCTILE IRON WATER MAIN 6"	FOOT	0		38	38
Y	56103100	DUCTILE IRON WATER MAIN 8"	FOOT	0		6,310	6,310
Y	56103400	DUCTILE IRON WATER MAIN 16"	FOOT	0		45	45
	60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	444			444
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8			8
	60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1			1
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2
	60222230	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1			1
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4			4
	60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	30			30
	60500040	REMOVING MANHOLES	EACH	4			4
	60500060	REMOVING INLETS	EACH	9			9
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	7,530			7,530
	60604700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED)	FOOT	4,357			4,357
	60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	56			56

SPECIALTY ITEM	PAY ITEM	DESCRIPTION	UNIT	CITY SWU	CITY MFT	IAWC	TOTAL
	60622400	CONCRETE MEDIAN, TYPE SM-6.06	SQ FT	29			29
	60801012	FLAP GATE 12"	EACH	1			1
	60801015	FLAP GATE 15"	EACH	1			1
	60801024	FLAP GATE 24"	EACH	1			1
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12.44	1.00	7.56	21
	67100100	MOBILIZATION	L SUM	0.54	0.10	0.36	1
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	0	16		16
Y	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	258	258		515
Y	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1,139	1,139		2,278
Y	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,966	2,966		5,931
Y	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	59	59		118
Y	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1,184	1,184		2,367
Y	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	258	258		515
Y	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1,139	1,139		2,278
Y	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,966	2,966		5,931
Y	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	59	59		118
Y	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	1,184	1,184		2,367
Y	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	0	64		64
Y	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	0	1,196		1,196
Y	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	0	132		132
Y	87601200	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE II	EACH	0	8		8
	X0325110	BIAXIAL GEOGRID	SQ YD	7,959			7,959
	X0327487	TRIAxIAL GEOGRID REINFORCEMENT, TYPE I	SQ YD	164			164
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	0	1,638		1,638
Y	X1200085	HYDROSTATIC TESTING AND DISINFECTING WATER MAINS	FOOT	0		6,398	6,398
Y	X1200246	WATERMAIN CASING PIPE	FOOT	0		279	279
Y	X1400423	REMOVE EXISTING PEDESTRIAN PUSH BUTTON	EACH	0	8		8
Y	X2090215	SELECT GRANULAR BACKFILL (SPECIAL)	CU YD	0		1,388	1,388
	X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	0	15		15
	X3510407	AGGREGATE BASE COURSE, TYPE CA-7	TON	4,866			4,866
	X4200406	PORTLAND CEMENT CONCRETE PAVEMENT 6" (SPECIAL)	SQ YD	0	539		539
	X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	11,881			11,881
	X5610001	CLEANOUTS	EACH	2			2
Y	X5640150	FIRE HYDRANT ASSEMBLY COMPLETE	EACH	0		19	19
	X6010815	PIPE UNDERDRAINS, TYPE 2, 15"	FOOT	1,279			1,279
	X6010818	PIPE UNDERDRAINS, TYPE 2, 18"	FOOT	479			479
	X6010824	PIPE UNDERDRAINS, TYPE 2, 24"	FOOT	2,088			2,088
	X6010830	PIPE UNDERDRAINS, TYPE 2, 30"	FOOT	910			910
	X602066X	CATCH BASINS, TYPE B - MODIFIED	EACH	2			2
	X6022402	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, (SPECIAL)	EACH	8			8
	X6023102	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID (SPECIAL)	EACH	12			12
	X6024240	INLETS (SPECIAL)	EACH	1			1
Y	X6026616	GATE VALVE, 8" WITH VAULT BOX	EACH	0		8	8
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	0.54	0.10	0.36	1
	XX006739	CONCRETE PAVERS, TYPE A	SQ FT	26,987			26,987
	Z0012450	CONCRETE STEPS	CU YD	2			2
Y	Z0013798	CONSTRUCTION LAYOUT	L SUM	0.54	0.10	0.36	1
	Z0016702	DETOUR SIGNING	L SUM	0.54	0.10	0.36	1
Y	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	0		12	12
Y	Z0050500	REMOVE AND RESET EXISTING STREET LIGHTS	EACH	0	3		3
	Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	51			51
	Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	26			26
	Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	15			15
	Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	15			15
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURS	270	50	180	500

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PLOT DATE = 10/17/2024

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DRAWN - KH
CHECKED -
DATE -
REVISED - 10/11/24 EJH
REVISED -
REVISED -
REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66		PEORIA	199	3
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				

EXISTING MATERIALS

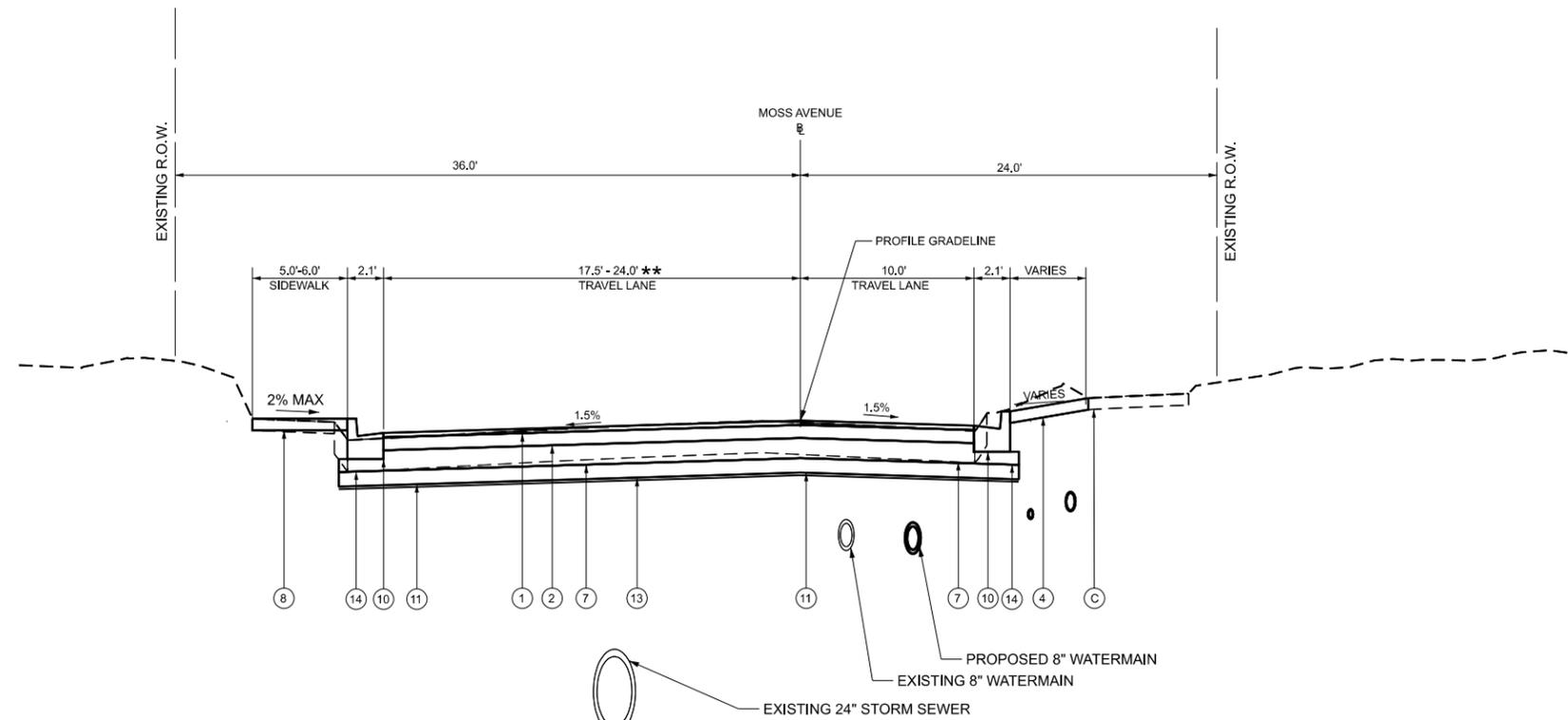
- (A) EXISTING HMA PAVEMENT, VARIABLE DEPTH
- (B) EXISTING CURB/GUTTER TO BE REMOVED
- (C) EXISTING PCC SIDEWALK
- (D) EXISTING PCC PAVEMENT, 11"
- (E) EXISTING AGGREGATE BASE

PROPOSED MATERIALS

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 4 1/2"
- (3) CONCRETE PAVERS, TYPE A, 6" WITH BIAXIAL GEOGRID
- (4) SOD AND 4" TOPSOIL
- (5) POROUS GRANULAR BACKFILL
- (6) AGGREGATE BASE COURSE, TYPE CA-7
- (7) SUB-BASE GRANULAR MATERIAL, TYPE A, 7"
- (8) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- (10) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (11) AGGREGATE SUBGRADE IMPROVEMENT, 5"
- (12) PIPE UNDERDRAIN, TYPE 3 (SEE QUANTITY SCHEDULES FOR LOCATIONS)
- (13) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (14) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"

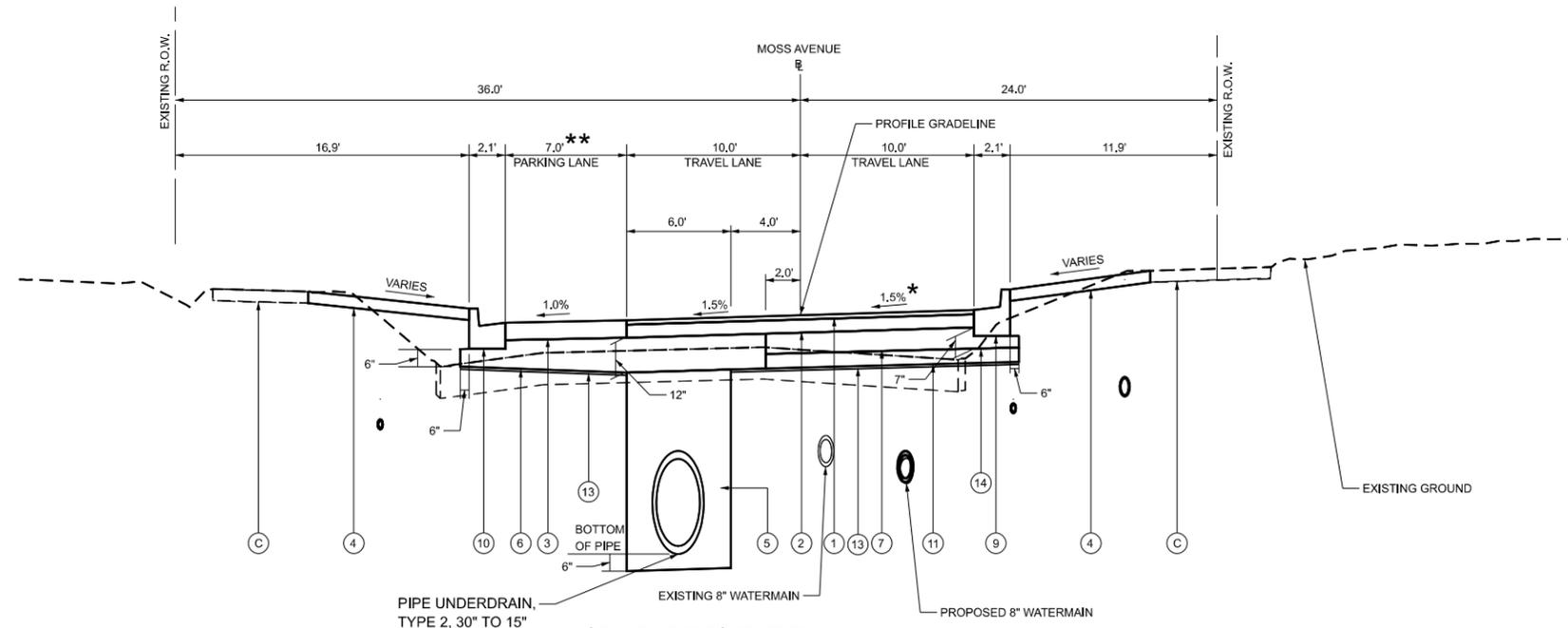
TRANSITION LENGTH FROM NORMAL CROWN TO REVERSE CROWN, BLRS MANUAL CHAPTER 29 FIGURE 29-4B. L₁ = 24' TR = 24'

CONCRETE PAVERS, TYPE A 10' LT TO 17' LT			
STATION	TO	STATION	AREA (SF)
13+80		19+93	4293.0
20+60		26+59	4193.0
27+09.50		33+14	4231.50
33+74		41+14	5180.0
41+68		42+41	509.0
43+59		47+95	3052.0
54+09		58+64	3185.0
59+29		59+88	455.0
64+12.50		65+79	1165.5
66+46.50		67+95	1039.5



STA. 11+45.07 TO 12+96.00
PROPOSED STORM SEWER & TRENCH BEGINS AT STA. 12+70.00

** WIDTH TRANSITION
STA. 11+45.07 TO 12+12 : 24'
STA. 12+12 TO 12+96 : 24' TO 17.5'



PIPE UNDERDRAIN, TYPE 2, 30" TO 15"
STA. 12+96.00 TO 36+50.00
STA. 38+50.00 TO 49+00.00
STA. 54+09.00 TO 59+87.50
STA. 64+12.50 TO 67+95.00

* CROWN TRANSITION
STA. 13+32 -1.50%
STA. 13+56 0.00%
STA. 13+80 +1.50%

** PAVERS + AGGREGATE BASE COURSE, CA-7 BEGIN AT STA. 13+80

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DATE - JANUARY 2024

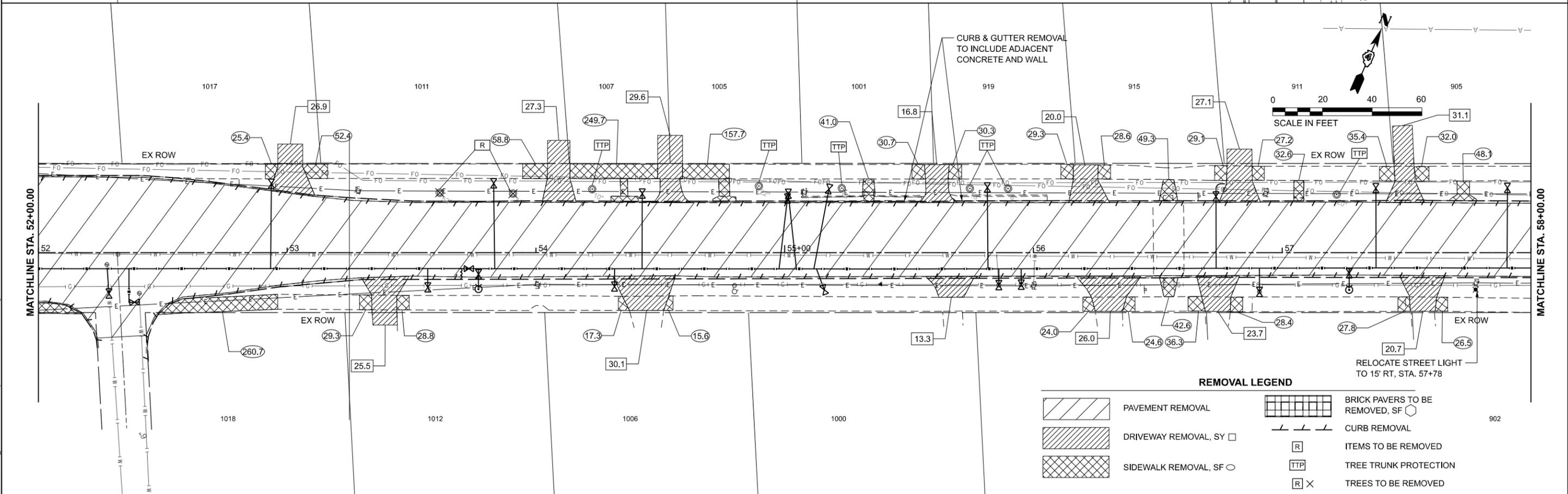
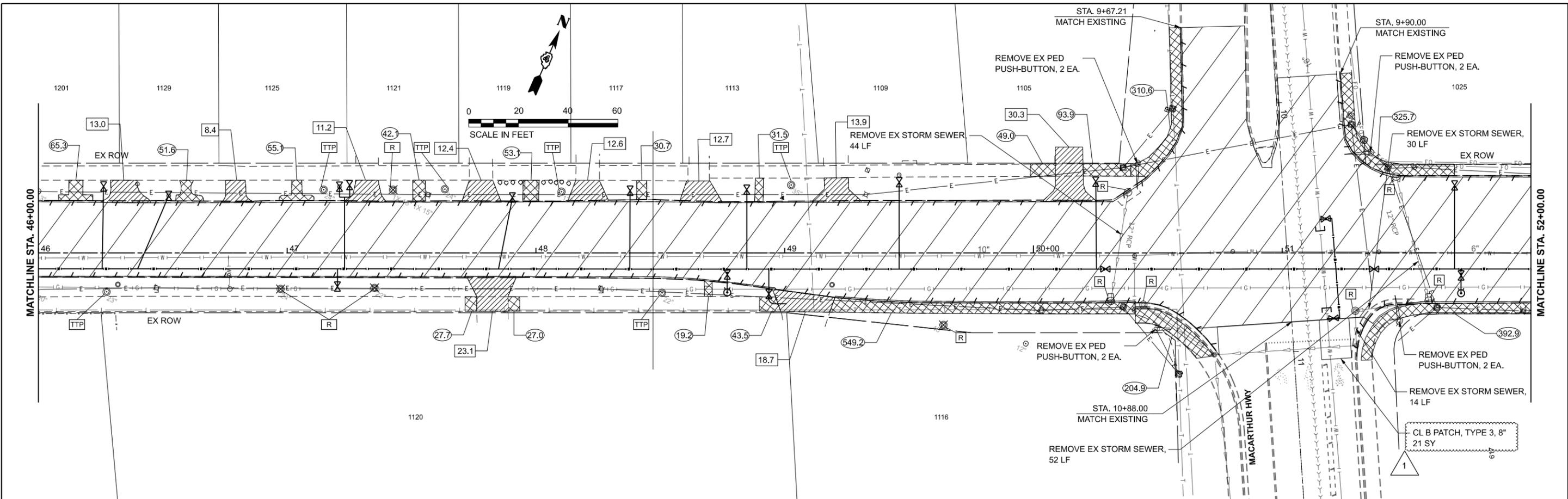
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REVISED -

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DEPARTMENT OF PUBLIC WORKS**

TYPICAL SECTIONS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66		PEORIA	199	8
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				



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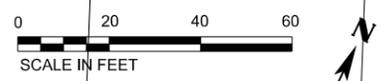
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PLOT DATE = 10/17/2024	DATE -	REVISED -

**CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS**

REMOVAL PLANS

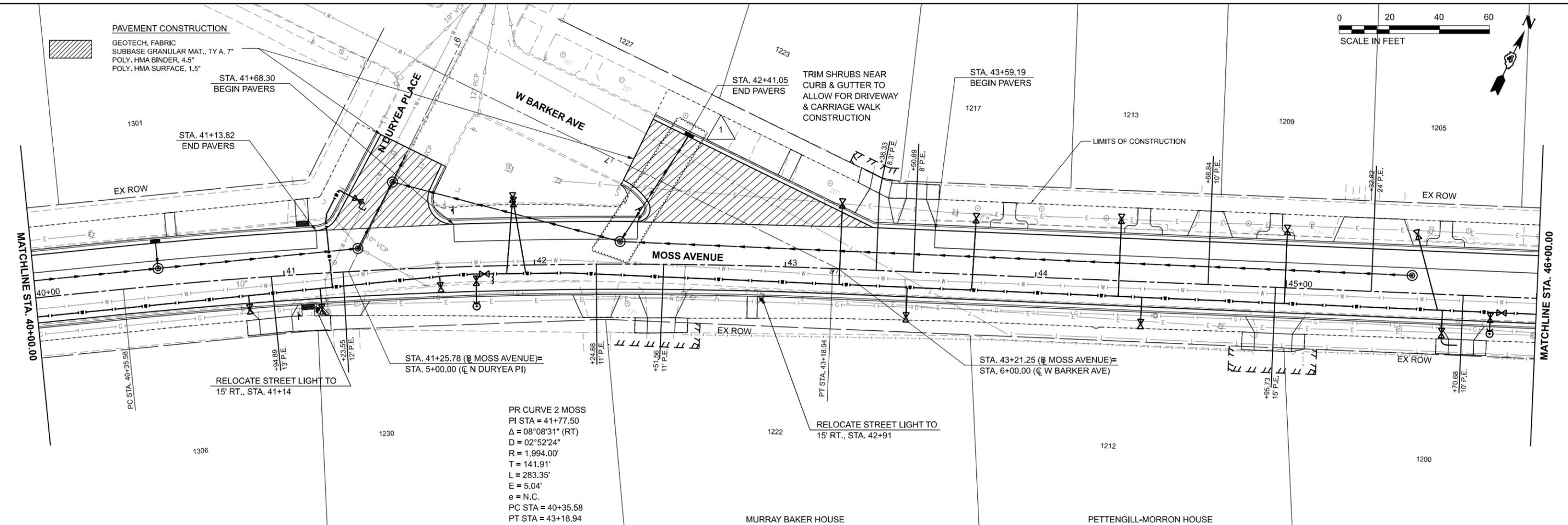
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F.A.P. RTE. 66	SECTION	COUNTY PEORIA	TOTAL SHEETS 199	SHEET NO. 21
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				

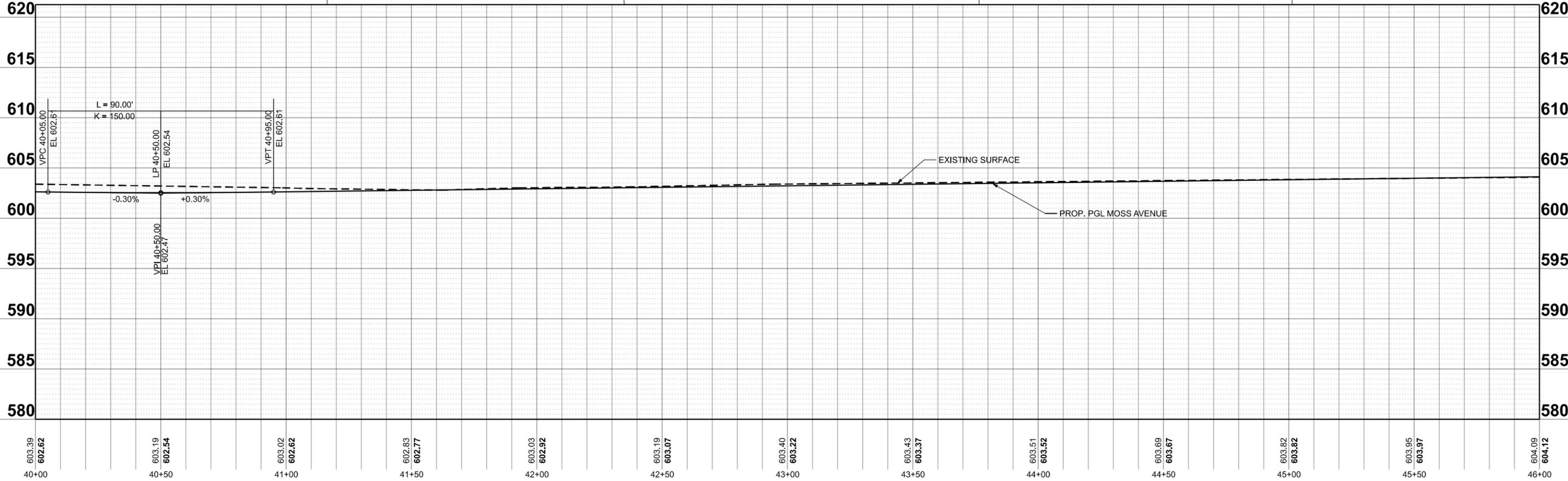


PAVEMENT CONSTRUCTION

GEOTECH. FABRIC
 SUBBASE GRANULAR MAT., TY A, 7"
 POLY. HMA BINDER, 4.5"
 POLY. HMA SURFACE, 1.5"



PR CURVE 2 MOSS
 PI STA = 41+77.50
 $\Delta = 08^{\circ}08'31''$ (RT)
 $D = 02^{\circ}52'24''$
 $R = 1,994.00'$
 $T = 141.91'$
 $L = 283.35'$
 $E = 5.04'$
 $e = N.C.$
 PC STA = 40+35.58
 PT STA = 43+18.94



603.39 602.62	603.19 602.54	603.02 602.62	602.83 602.77	603.03 602.92	603.19 603.07	603.40 603.22	603.43 603.37	603.51 603.52	603.69 603.67	603.82 603.82	603.95 603.97	604.09 604.12
40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00	45+50	46+00



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PLOT DATE = 10/17/2024	CHECKED - EJH	REVISED -
	DATE - JANUARY 2024	REVISED -

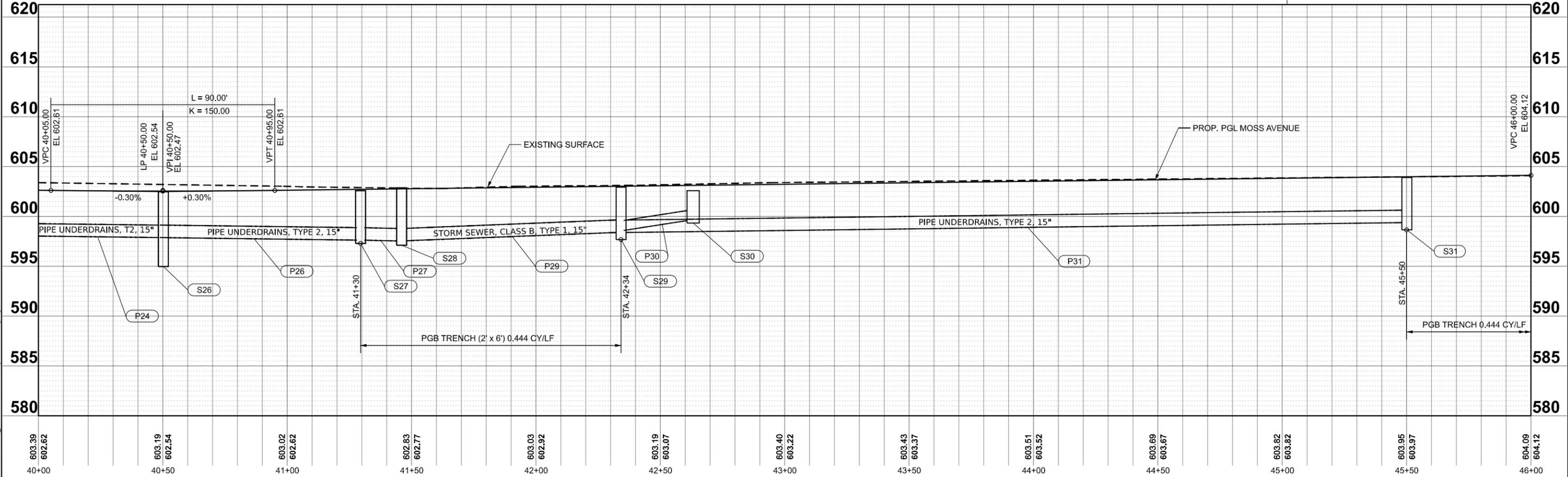
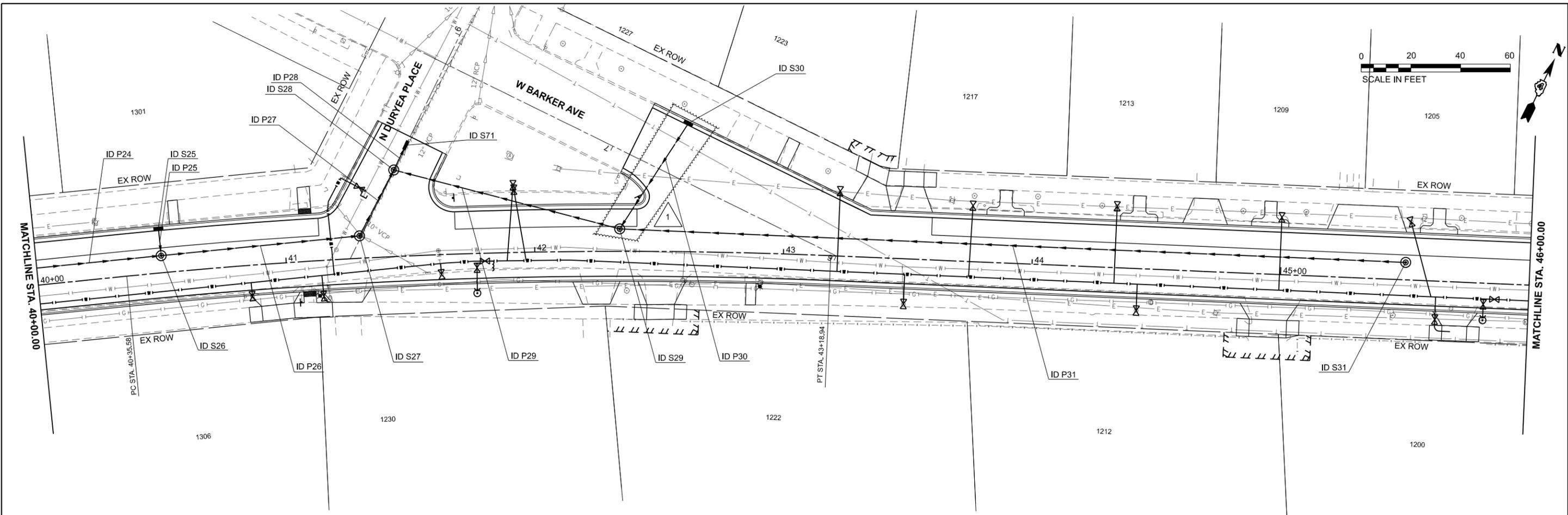
**CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS**

PLAN AND PROFILE

SCALE: 1"=20' SHEET 6 OF 13 SHEETS STA. 40+00 TO STA. 46+00

F.A.P. RTE. 66	SECTION	COUNTY PEORIA	TOTAL SHEETS 199	SHEET NO. 29
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				

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40+00		40+50		41+00		41+50		42+00		42+50		43+00		43+50		44+00		44+50		45+00		45+50		46+00	



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PLOT DATE = 10/17/2024	CHECKED -	REVISED -
	DATE -	REVISED -

CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

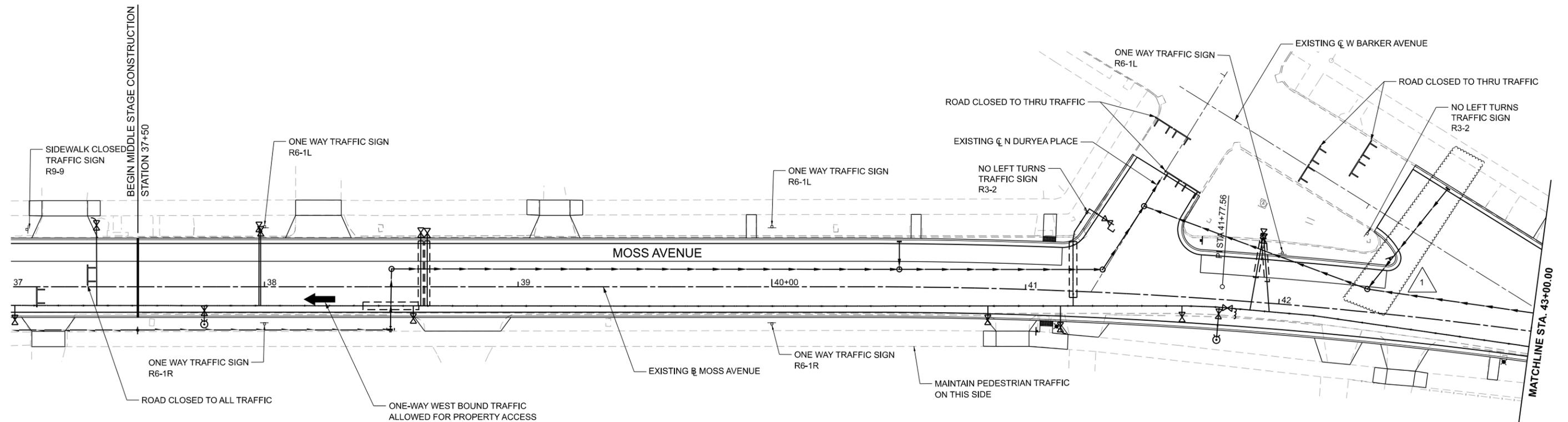
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA. 40+00 TO STA. 46+00

F.A.P. RTE. 66	SECTION	COUNTY PEORIA	TOTAL SHEETS 199	SHEET NO. 42
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				

NOTES:

- TWO-WAY TRAFFIC SHALL BE ALLOWED ON MOSS BEYOND MIDDLE STAGE CONSTRUCTION LIMITS.
- SIDEWALK CLOSED WITHIN WORK AREAS. INSTALL SIGNS DIRECTING PEDESTRIANS TO USE OPPOSITE SIDE.



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 PLOT DATE = 10/17/2024

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 DRAWN - _____
 CHECKED - _____
 DATE - _____

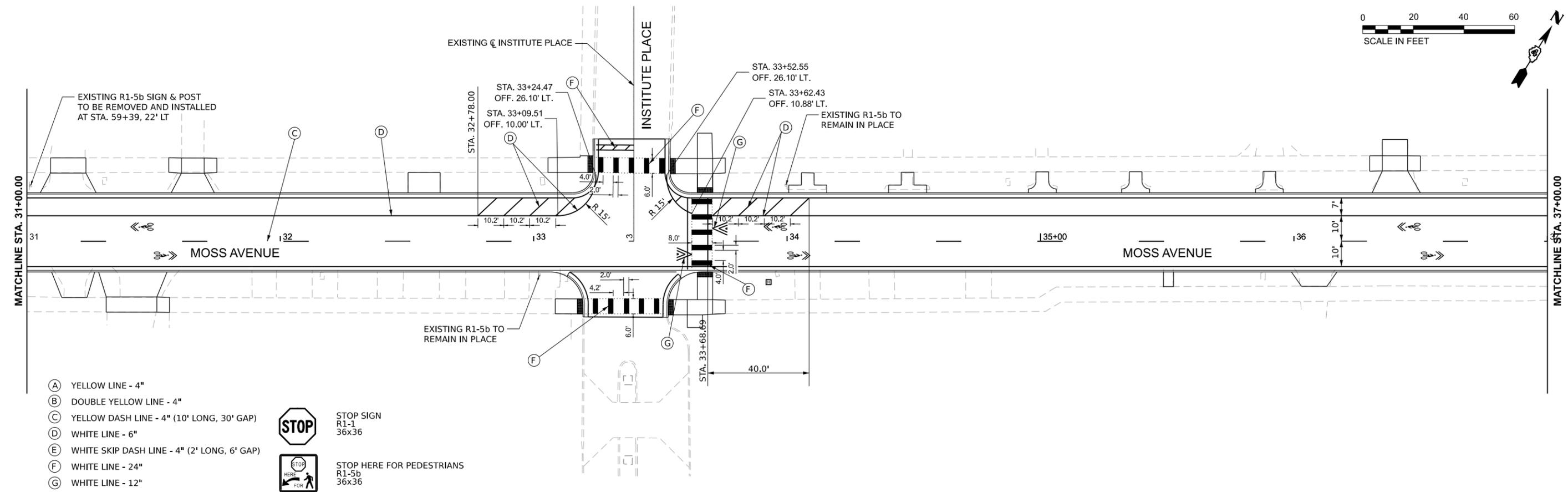
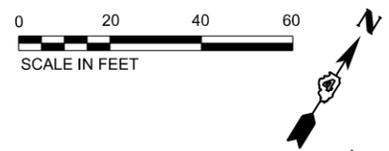
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 REVISED - _____

**CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS**

**MIDDLE STAGE CONSTRUCTION
 PHASE 2**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 37+00 TO STA. 43+00

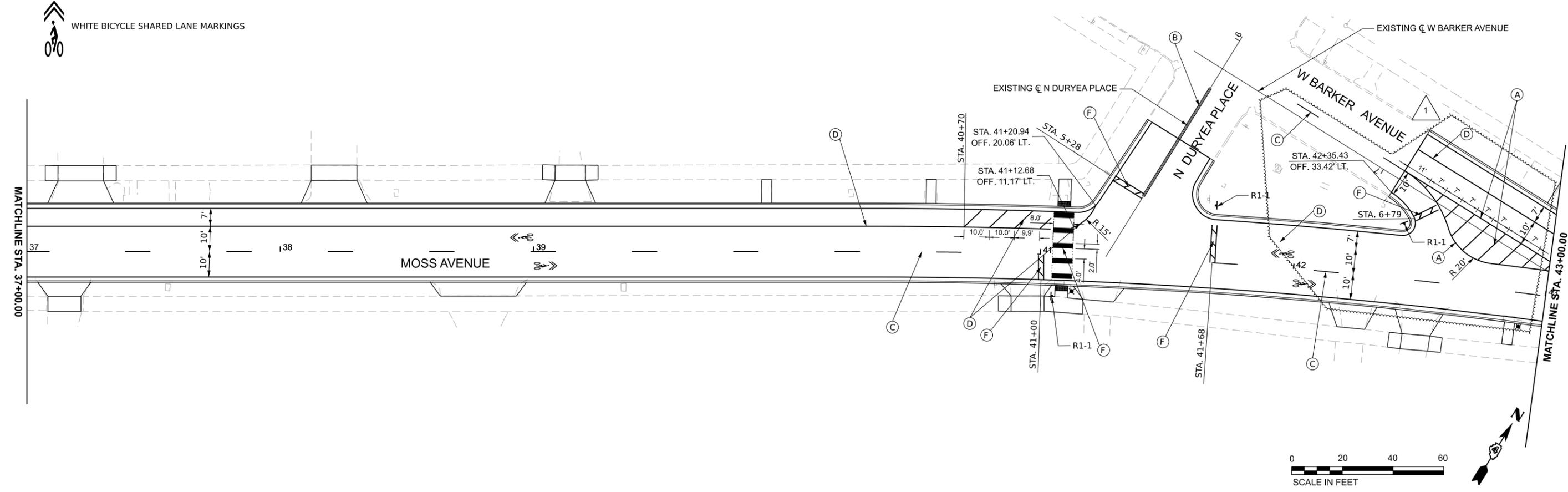
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66	XXXX	PEORIA	199	60
CONTRACT NO. C-9856			ILLINOIS FED. AID PROJECT	



STOP
R1-1
36x36



STOP
HERE
FOR
PEDESTRIANS
R1-5b
36x36



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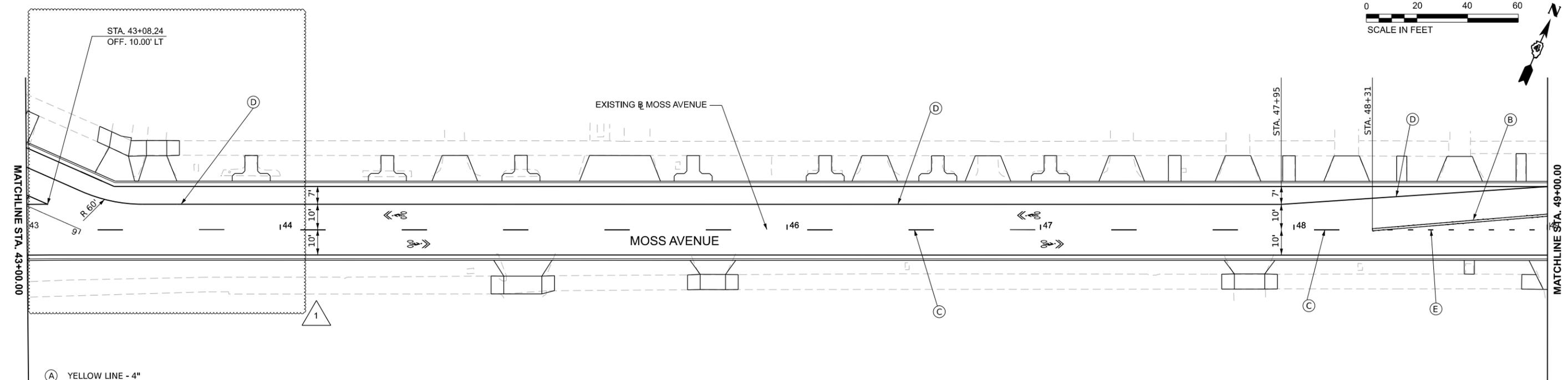
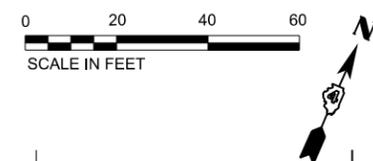
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CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PAVEMENT MARKING PLANS

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 31+00 TO STA. 43+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66		PEORIA	199	76
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				

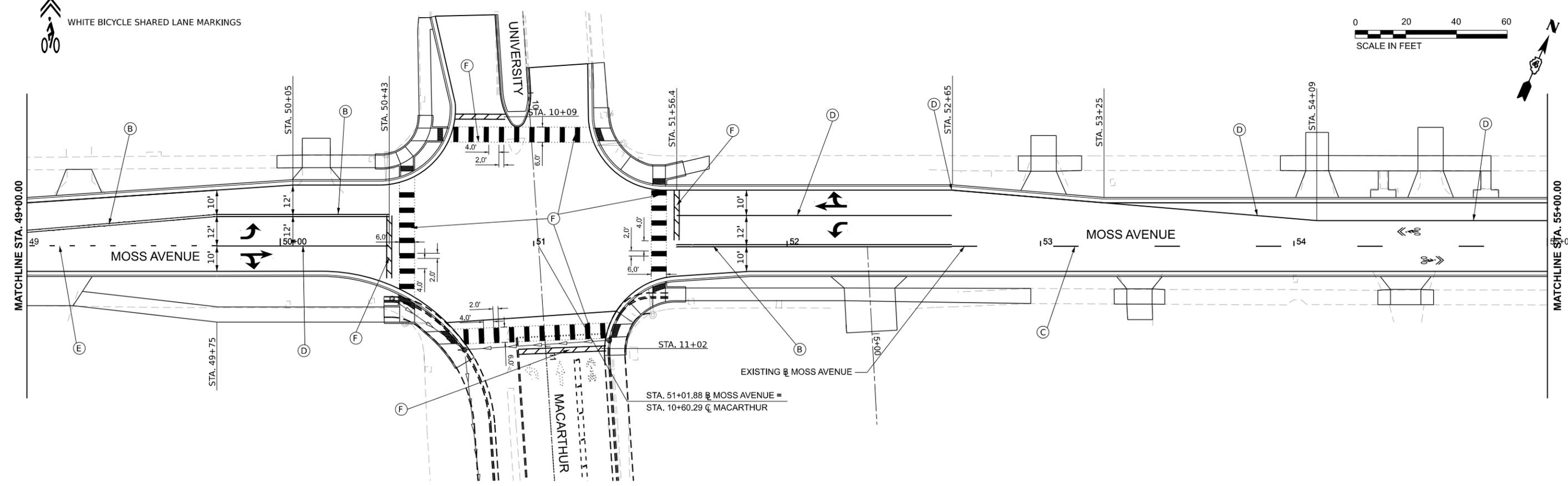
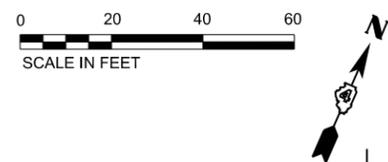


- (A) YELLOW LINE - 4"
- (B) DOUBLE YELLOW LINE - 4"
- (C) YELLOW DASH LINE - 4" (10' LONG, 30' GAP)
- (D) WHITE LINE - 6"
- (E) WHITE SKIP DASH LINE - 4" (2' LONG, 6' GAP)
- (F) WHITE LINE - 24"
- (G) WHITE LINE - 12"



STOP SIGN
R1-1
36x36

STOP HERE FOR PEDESTRIANS
R1-5b
36x36



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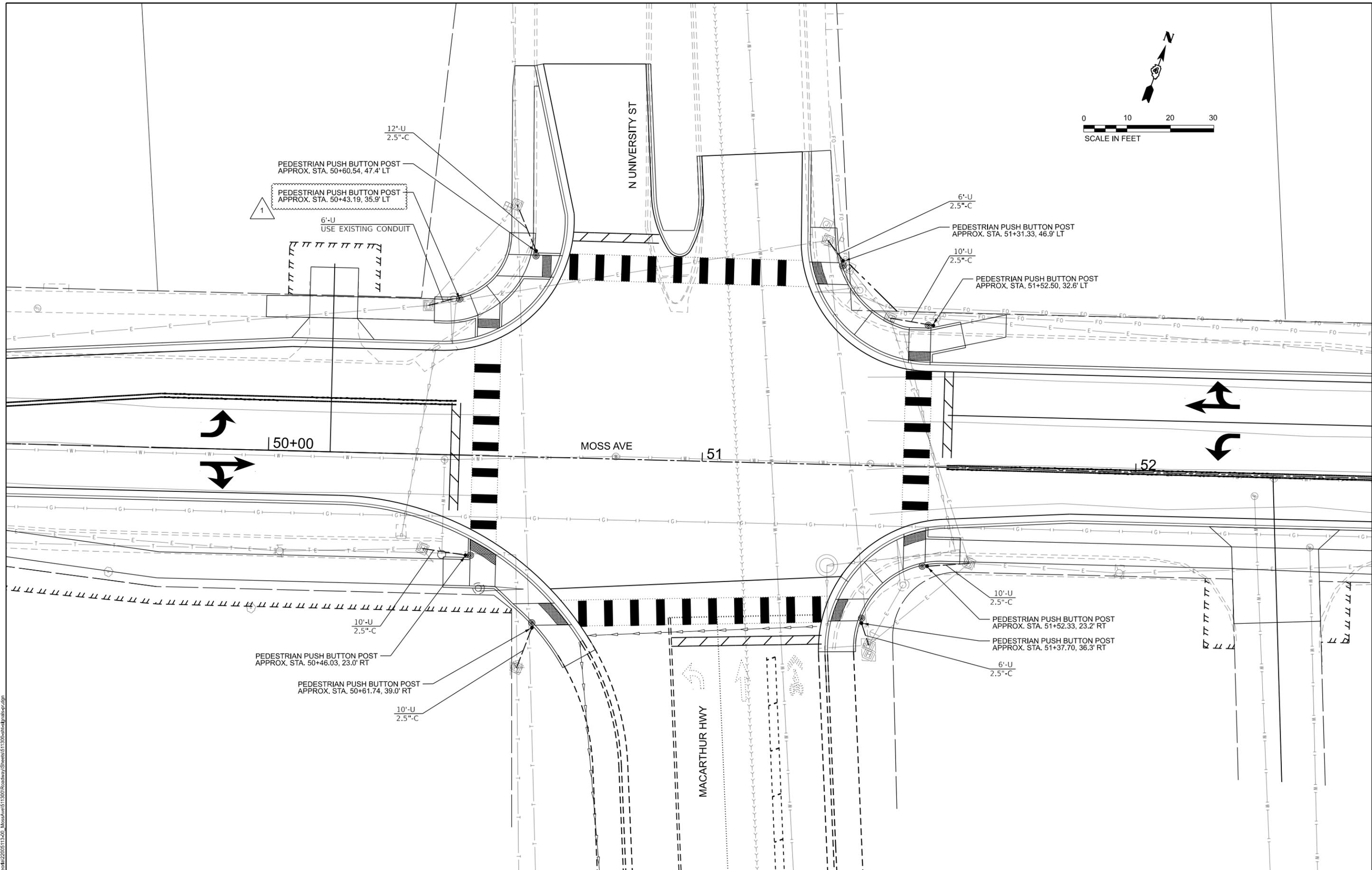
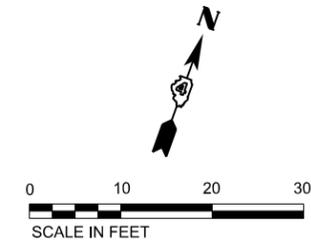
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**CITY OF PEORIA
 DEPARTMENT OF PUBLIC WORKS**

PAVEMENT MARKING PLANS

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 43+00 TO STA. 55+00

F.A.P. RTE. 66	SECTION	COUNTY PEORIA	TOTAL SHEETS 199	SHEET NO. 77
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				



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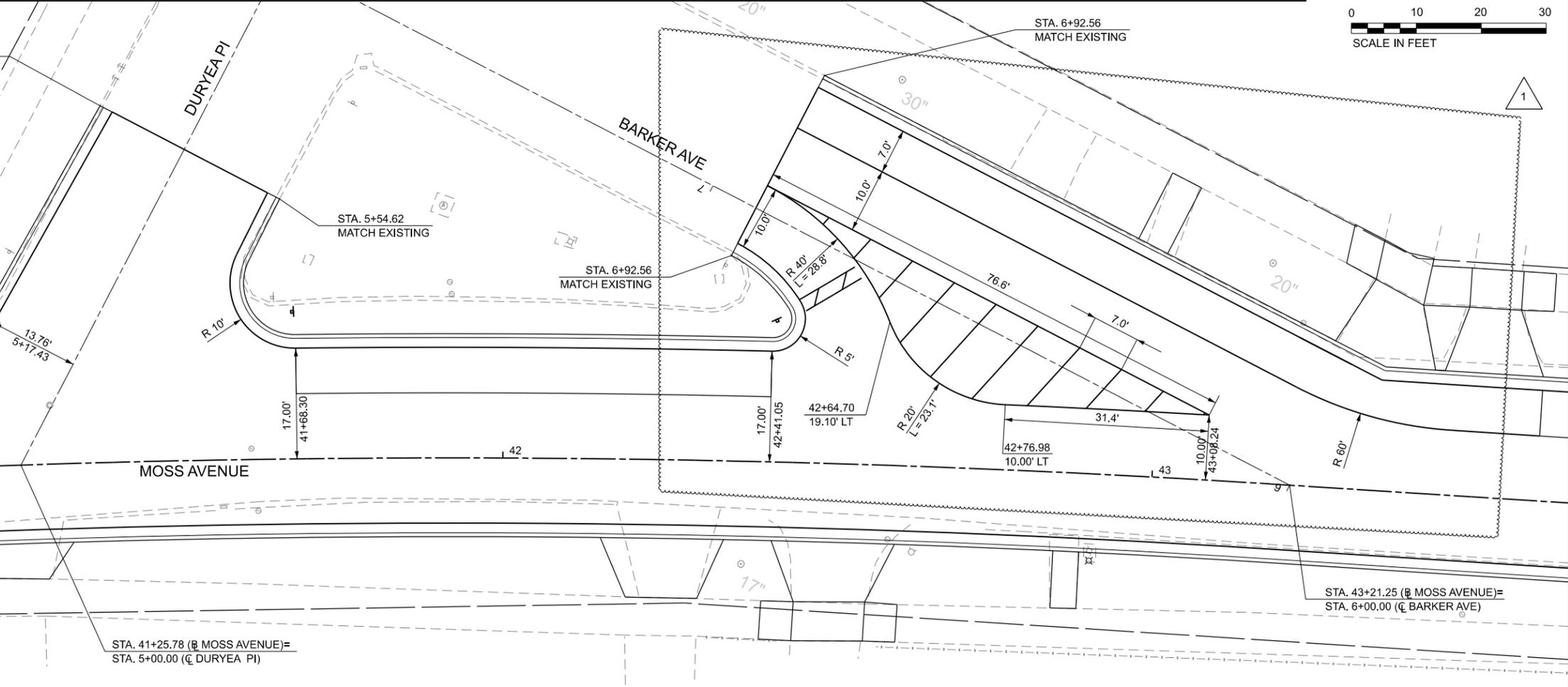
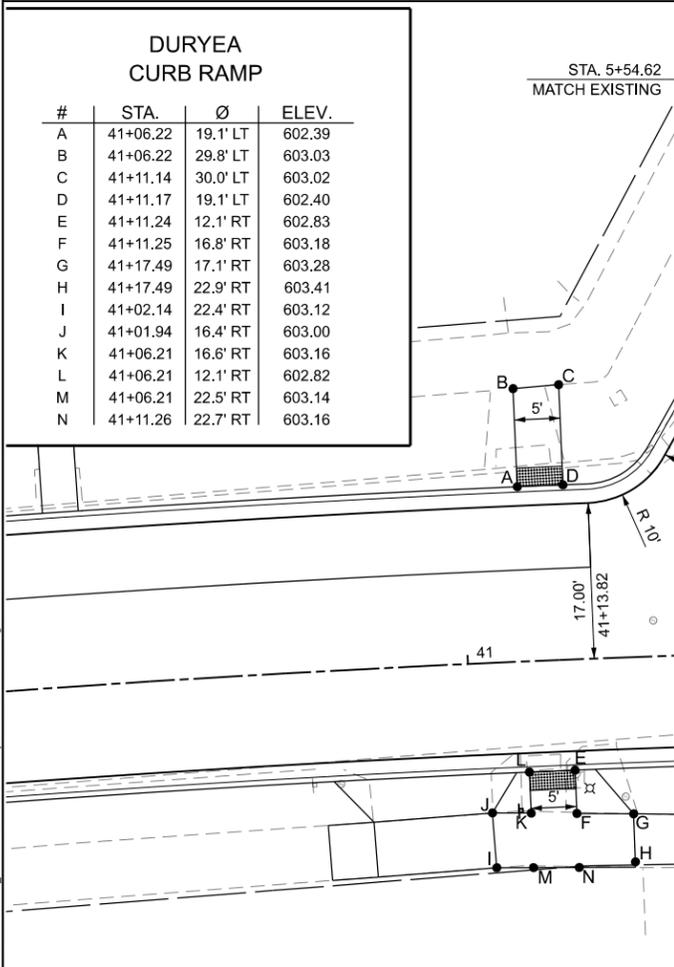
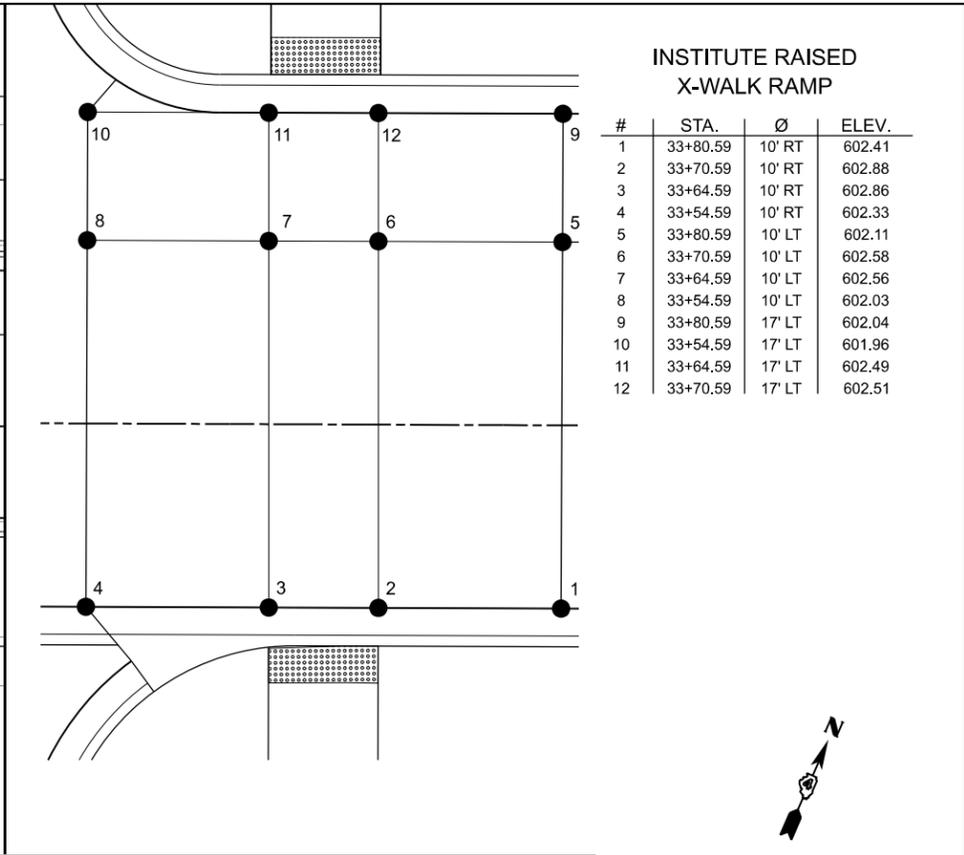
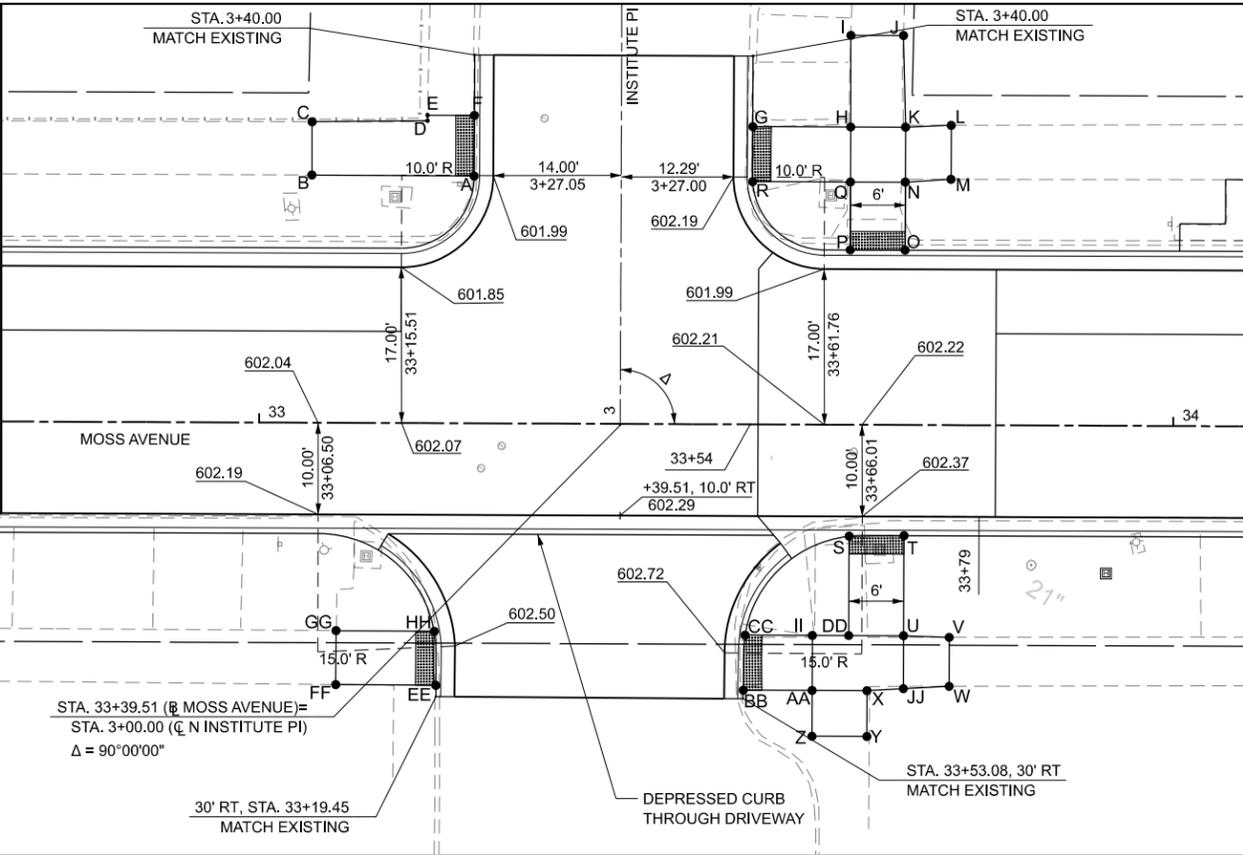
CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

PROPOSED TRAFFIC SIGNAL LAYOUT
MOSS AVENUE & UNIVERSITY STREET / MACARTHUR HIGHWAY

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 66	SECTION	COUNTY PEORIA	TOTAL SHEETS 199	SHEET NO. 80
			CONTRACT NO. C-9856	
ILLINOIS FED. AID PROJECT				

INSTITUTE CURB RAMP				INSTITUTE CURB RAMP			
#	STA.	Ø	ELEV.	#	STA.	Ø	ELEV.
A	33+23.43	27.0' LT	601.96	S	33+64.59	12.2' RT	602.89
B	33+05.67	27.0' LT	602.58	T	33+70.59	12.1' RT	602.91
C	33+05.67	32.8' LT	602.70	U	33+70.59	23.0' RT	603.21
D	33+18.29	33.0' LT	602.70	V	33+75.59	23.2' RT	603.32
E	33+18.29	33.6' LT	602.70	W	33+75.59	28.5' RT	603.39
F	33+23.43	33.6' LT	602.26	X	33+66.62	29.0' RT	603.03
G	33+53.88	32.5' LT	602.12	Y	33+66.62	34.0' RT	603.43
H	33+64.59	32.5' LT	602.57	Z	33+60.62	34.0' RT	603.42
I	33+64.57	42.5' LT	602.96	AA	33+60.62	29.0' RT	603.03
J	33+70.33	42.5' LT	603.17	BB	33+53.08	29.0' RT	602.78
K	33+70.59	32.5' LT	602.69	CC	33+53.25	23.0' RT	602.75
L	33+75.59	32.7' LT	603.10	DD	33+64.59	23.0' RT	603.15
M	33+75.59	26.8' LT	602.97	EE	33+19.45	28.6' RT	602.61
N	33+70.59	26.5' LT	602.58	FF	33+08.48	28.6' RT	602.94
O	33+70.59	19.1' LT	602.48	GG	33+08.50	22.7' RT	602.85
P	33+64.59	19.1' LT	602.46	HH	33+19.24	22.7' RT	602.53
Q	33+64.59	26.5' LT	602.46	II	33+60.62	23.0' RT	603.01
R	33+53.90	26.5' LT	602.16	JJ	33+70.59	28.8' RT	603.23



DURYEY CURB RAMP			
#	STA.	Ø	ELEV.
A	41+06.22	19.1' LT	602.39
B	41+06.22	29.8' LT	603.03
C	41+11.14	30.0' LT	603.02
D	41+11.17	19.1' LT	602.40
E	41+11.24	12.1' RT	602.83
F	41+11.25	16.8' RT	603.18
G	41+17.49	17.1' RT	603.28
H	41+17.49	22.9' RT	603.41
I	41+02.14	22.4' RT	603.12
J	41+01.94	16.4' RT	603.00
K	41+06.21	16.6' RT	603.16
L	41+06.21	12.1' RT	602.82
M	41+06.21	22.5' RT	603.14
N	41+11.26	22.7' RT	603.16

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CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS

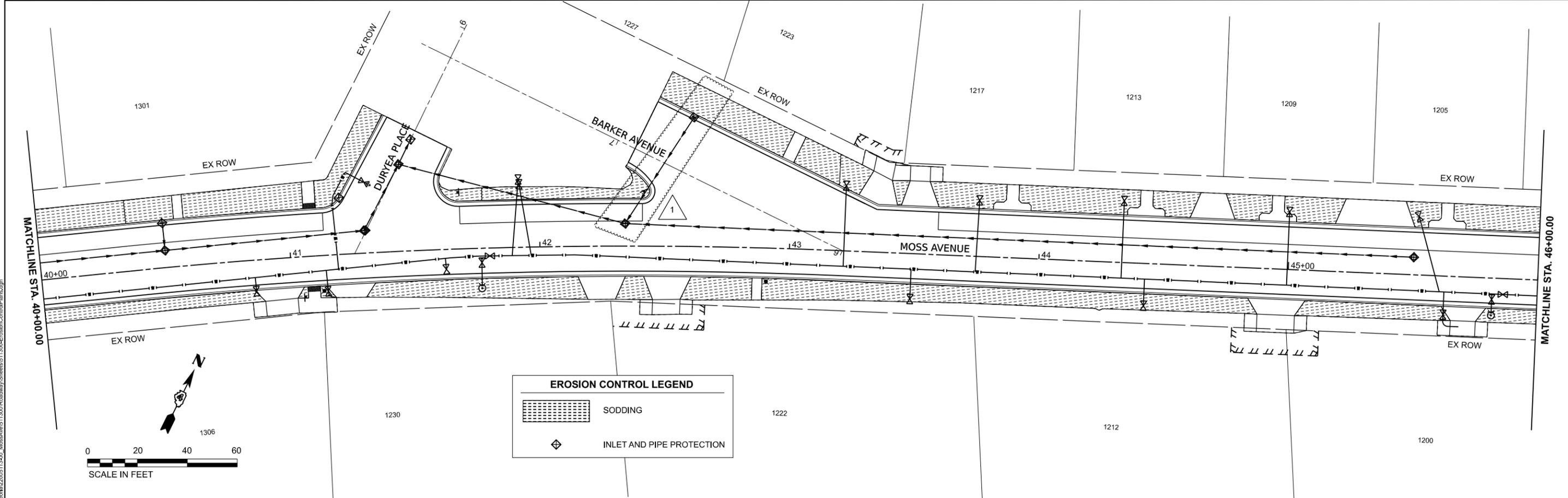
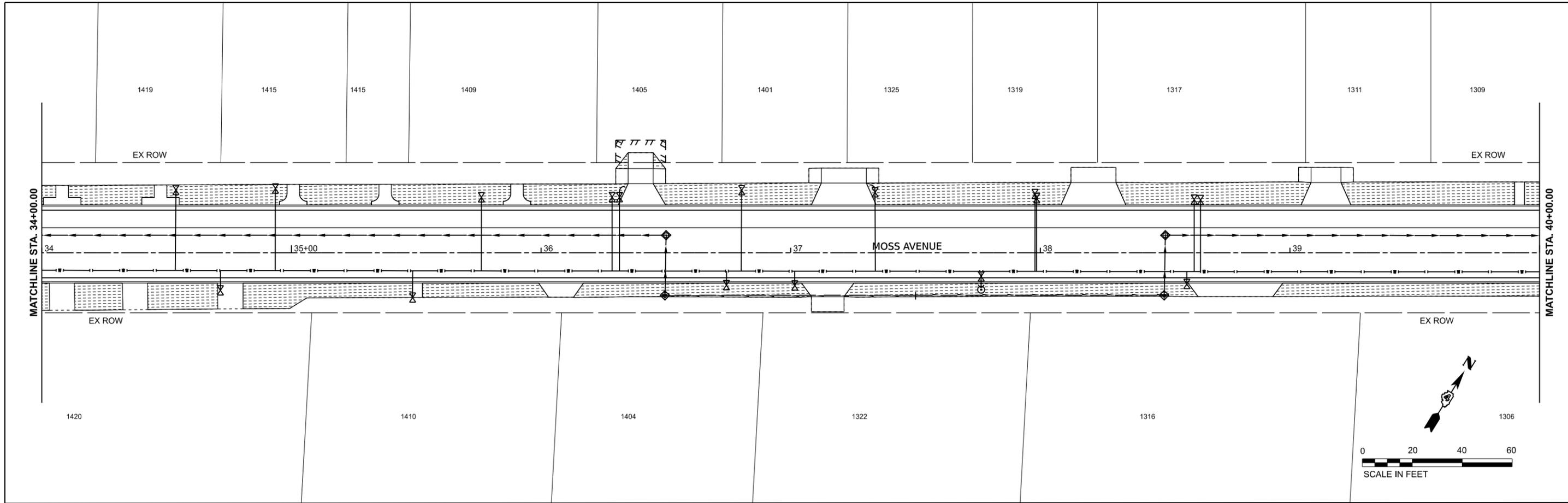
INTERSECTION DETAIL
DURYEY PI & BARKER AVE

SCALE: 1"=10' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66		PEORIA	199	83

CONTRACT NO. C-9856

ILLINOIS FED. AID PROJECT



EROSION CONTROL LEGEND	
	SODDING
	INLET AND PIPE PROTECTION

MODEL: Erosion Control - Plan 5 (Sheet)
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**CITY OF PEORIA
DEPARTMENT OF PUBLIC WORKS**

EROSION CONTROL PLANS

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 34+00 TO STA. 46+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
66		PEORIA	199	90
CONTRACT NO. C-9856				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", EIGHTH EDITION, 2020.
- THE LOCATION, SIZE AND TYPE OF MATERIALS OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER OR THE ENGINEER ASSUME ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE UTILITY COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REMOVAL OR ADJUSTMENT IS REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO SERVICE AT ONCE. WHENEVER POSSIBLE, RESIDENTS SHALL BE NOTIFIED IN ADVANCE IF THEIR HOUSE SERVICE IS TO BE DISCONNECTED AND NO HOUSE SHALL BE LEFT WITHOUT SERVICE OVERNIGHT.

SOME, BUT NOT ALL, OF THE UTILITIES OF THIS PROJECT CAN BE CONTACTED PRIOR TO CONSTRUCTION BY CALLING THE JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS (JULIE), PHONE 800-892-0123. CONTACT NON-MEMBER UTILITIES DIRECTLY.
- WATERMAIN SHALL HAVE A MINIMUM DEPTH OF COVER OF 3'-5" UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL CONNECTIONS TO EXISTING WATERMAINS SHALL INCLUDE RESTRAINED JOINTS.
- NO ADDITIONAL HIGH OR LOW POINTS (OTHER THAN THOSE SHOWN ON THE CONSTRUCTION DRAWINGS) IN THE WATERMAIN PROFILE SHALL BE ALLOWED.
- ALL TURFED AND WOODED AREAS ON THIS PROJECT SHALL BE FERTILIZED AND SEEDED IF THEY ARE DISTURBED BY CONSTRUCTION OPERATIONS. TOPSOIL SHALL BE REMOVED, STOCKPILED SEPARATELY AND RESPREAD FOLLOWING CONSTRUCTION ON ALL RESIDENTIAL LAWNS, PARKS, CULTIVATED FIELDS AND WHEREVER SPECIFICALLY DESIGNATED ON THE PLANS. FOR REQUIREMENTS SEE SPECIFICATIONS.
- ILAWC PERSONNEL WILL LOCATE THE EXISTING WATERMAINS TO THE BEST OF THEIR ABILITY AND KNOWLEDGE. HOWEVER, THE CONTRACTOR MAY NEED TO PERFORM SOME EXPLORATORY EXCAVATION. COST SHALL BE INCIDENTAL TO CONSTRUCTION CONTRACT.
- THE CONTRACTOR SHALL CONTRACT APPLICABLE UTILITY COMPANY PRIOR TO WORKING AROUND ANY EXISTING UTILITY LINE. THE CONTRACTOR SHALL PROTECT ANY EXISTING UTILITY ENCOUNTERED DURING CONSTRUCTION. ALL UTILITIES SHALL REMAIN IN SERVICE THROUGHOUT CONSTRUCTION UNLESS OTHERWISE APPROVED BY OWNER AND UTILITY COMPANY.
- THE CONTRACTOR SHALL REVIEW EXISTING SITE CONDITIONS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED IN CONNECTION WITH THE LOCATION OF EXISTING OVERHEAD FACILITIES.
- LAND SURVEY MONUMENTS (PROPERTY CORNERS, RIGHT-OF-WAY MARKERS, ETC.) WHICH ARE DISTURBED BY EXCAVATION SHALL BE RESET BY A LICENSED PROFESSIONAL LAND SURVEYOR. COST SHALL BE INCIDENTAL TO CONSTRUCTION CONTRACT.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY THROUGHOUT THE CONSTRUCTION PROJECT. THE RESPONSIBILITY SHALL NOT BE LIMITED TO WORKING HOURS, THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL LIABILITY, REAL, OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OR WORK ON THE PROJECT.
- IN ACCORDANCE WITH PUBLIC ACT 90-761, WHICH AMENDS THE ENVIRONMENTAL PROTECTION ACT CONCERNING GENERAL CONSTRUCTION OR DEMOLITION DEBRIS, THE CONTRACTOR SHALL NOT CONDUCT ANY GENERATION, TRANSPORTATION OR RECYCLING OF CONSTRUCTION OR DEMOLITION DEBRIS, CLEAN OR GENERAL OR UNCONTAMINATED SOIL GENERATED DURING CONSTRUCTION, REMODELING, REPAIR, AND DEMOLITION OF UTILITIES, STRUCTURES AND ROADS THAT IS NOT COMMINGLED WITH ANY WASTE, WITHOUT THE MAINTENANCE OF DOCUMENTATION IDENTIFYING THE HAULER, GENERATOR, PLACE OF ORIGIN OF THE DEBRIS OR SOIL, THE WEIGHT OR VOLUME OF THE DEBRIS OR SOIL, AND THE LOCATION, OWNER AND OPERATOR OF THE FACILITY WHERE THE DEBRIS OR SOIL WAS TRANSFERRED, DISPOSED, RECYCLED OR TREATED. THIS DOCUMENTATION MUST BE MAINTAINED BY THE CONTRACTOR FOR THREE (3) YEARS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY IN THESE AREAS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION EXITS IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED OR WASHED INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- ALL EROSION CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION IS DEFINED AS WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- IF SOIL STOCKPILING IS UTILIZED, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT AND AVOID EROSION DISCHARGE.
- ANY CONSTRUCTION EXITS SHALL BE MAINTAINED TO A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON (AS DEFINED IN PROJECT SPECIFICATIONS) AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT. THE MEASURES SHALL BE REPAIRED, REPLACED, OR SUPPLEMENTED AS NEEDED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENTATION CONTROL MEASURES AS NECESSARY TO BE MAINTAINED IN FULLY FUNCTIONAL CONDITION THROUGHOUT THE ENTIRE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF TRAFFIC THROUGHOUT CONSTRUCTION. ALL TRAFFIC CONTROL SHALL CONFORM TO THE APPLICABLE PORTIONS OF ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL ENSURE THAT THE FINAL GRADING PROVIDES ADEQUATE DRAINAGE AWAY FROM ANY BUILDINGS AND STRUCTURES. EXISTING DRAINAGE PATTERNS WITHIN THE PROJECT SITE SHALL BE MAINTAINED AND RESTORED AT THE COMPLETION OF THE PROJECT.
- THE LOCATION AND ELEVATION OF ALL PROPOSED CONNECTIONS TO EXISTING PIPING SHALL BE FIELD VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE ALL FITTINGS AND HARDWARE NECESSARY TO COMPLETE THE CONNECTION INSTALLATION. ADDITIONAL FITTINGS BEYOND THOSE SHOWN ON THE DRAWINGS SHALL BE REQUIRED AND THE ASSOCIATED COSTS ARE INCIDENTAL TO THE CONTRACT. THE OWNER SHALL BE NOTIFIED IF THE EXISTING CONDITIONS VARY FROM THE CONSTRUCTION PLANS.
- ANY COSTS ASSOCIATED WITH PROVISIONS OF ANY PERMIT BY ANY AGENCY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE CONTRACT.
- DETAILED DRAWINGS TAKE PRECEDENCE OVER ALL GENERAL DRAWINGS AND SCHEDULES. ANY CONFLICT SHALL BE RESOLVED IN FAVOR OF THE DETAILED DRAWINGS.
- WATERMAIN QUALITY PIPE FOR STORM SEWERS AND SANITARY SEWERS SHALL BE PRESSURE RATED PVC SDR 26 (PR 160 PSI OR GREATER) MEETING ASTM D2241 OR C905 DR25 (PR 165 PSI OR GREATER), EQUAL TO THE WATERMAIN PIPE.
- THE BENCHMARKS SHALL BE USED TO ESTABLISH VERTICAL ELEVATIONS. CONTROL POINT ELEVATIONS MAY BE USED FOR VERIFICATION PURPOSES.
- A ILAWC FIRE HYDRANT MAY BE USED FOR HDD OPERATIONS AS LONG AS THE FOLLOWING REQUIREMENTS ARE MET:
 - AN APPROVED RPZ BACKFLOW PREVENTER WITH A CURRENT INSPECTION CERTIFICATE BY A CERTIFIED CCCI AND IS PROVIDED AND INSTALLED ON THE HYDRANT. BOTH SHALL BE PROVIDED BY THE CONTRACTOR.
 - THE FIRE HYDRANT IS FULLY OPENED DURING OPERATION AND FLOW IS THROTTLED BY AN EXTERNAL VALVE AFTER THE BACKFLOW PREVENTER.
 - ONLY ONE HYDRANT IS USED WITHIN A PROJECT AREA.
 - ILAWC IS NOTIFIED A MINIMUM OF 24 HOURS PRIOR TO THE USE OF A HYDRANT AND A REPRESENTATIVE FROM ILAWC IS ON-SITE DURING THE USE OF THE HYDRANT.
 - THE AMOUNT OF WATER USED IS REPORTED TO ILAWC.
 - ANY DAMAGE TO THE FIRE HYDRANT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL CHARGE TO THE OWNER.
- OWNER SHALL PERFORM EXISTING MAIN CUT AND CAP WORK. CONTRACTOR SHALL PROVIDE ALL CUT AND CAP MATERIALS AND PREP WORK. CUT AND CAP SHALL BE COMPLETED PRIOR TO FINAL PAVEMENT.
- CONTRACTOR SHALL COORDINATE WITH ROADWAY CONTRACTOR TO STEP INSTALL PROCESS.
- CONTRACTOR SHALL COORDINATE WITH OWNER TO INSTALL ALL WATER SERVICES. OWNER SHALL PROVIDE ALL MATERIALS AND LABOR TO INSTALL WATER SERVICES.
- THE FOLLOWING SHEETS SHALL BE USED FOR WATERMAIN INSTALLATION ONLY. ALL OTHER ROADWAY AND UTILITY IMPROVEMENTS SHOWN ON THE WATERMAIN PLANS SHALL BE FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO THE ROADWAY PLANS, DETAILS, AND SPECIFICATIONS TO MAKE ALL IMPROVEMENTS ASIDE FROM THE WATERMAIN IMPROVEMENTS.

LEGEND

— — — — —	RIGHT-OF-WAY BOUNDARY	— T — — — — T — — — —	EXISTING TELEPHONE	⊙	EXISTING SANITARY MANHOLE
— — — — —	EXISTING PROPERTY LINE	— FO — — — — FO — — — —	EXISTING UNDERGROUND FIBER OPTIC	⊙	EXISTING STORM MANHOLE
— W — — — — W — — — —	EXISTING WATERMAIN	— G — — — — G — — — —	EXISTING GAS MAIN	ILAWC	ILLINOIS AMERICAN WATER COMPANY
— W — — — — W — — — —	PROPOSED WATERMAIN	— ST — — — — ST — — — —	EXISTING STORM SEWER	W } W	CHLORINATION AND SAMPLING TAP
— — — — —	EXISTING VALVE AND VALVE BOX	— SS — — — — SS — — — —	EXISTING SANITARY SEWER	⊙	PROPOSED STORM MANHOLE IN ROADWAY PROJECT
— — — — —	PROPOSED VALVE AND VALVE BOX	— — — — —	EXISTING UTILITY POLE	⊙	PROPOSED STORM INLET IN ROADWAY PROJECT
— — — — —	EXISTING FIRE HYDRANT	— — — — —	EXISTING SIGN	— — — — —	PROPOSED STORM SEWER IN ROADWAY PROJECT
— — — — —	PROPOSED FIRE HYDRANT	— — — — —	EXISTING TELEPHONE BOX	— — — — —	EXISTING ELECTRICAL BOX
— OHE — — — —	EXISTING OVERHEAD ELECTRIC	— — — — —	EXISTING GUY WIRE	— — — — —	
— UGE — — — — UGE — — — —	EXISTING UNDERGROUND ELECTRIC	— — — — —			

Sheet List Table		
Sheet Index	Sheet Number	Sheet Title
178	G-001	GENERAL NOTES & LEGEND
179	C-101	STA 0+00 TO 4+00
180	C-102	STA 4+00 TO 9+00
181	C-103	STA 9+00 TO 14+00
182	C-104	STA 14+00 TO 19+00
183	C-105	STA 19+00 TO 24+00
184	C-106	STA 24+00 TO 29+00
185	C-107	STA 29+00 TO 34+00
186	C-108	STA 34+00 TO 39+00
187	C-109	STA 39+00 TO 44+00
188	C-110	STA 44+00 TO 49+00
189	C-111	STA 49+00 TO 54+00
190	C-112	STA 54+00 TO 59+00
191	C-113	STA 59+00 TO 60+37
192	C-501	CONNECTION DETAILS I
193	C-502	CONNECTION DETAILS II
194	C-503	CONNECTION DETAILS III
195	C-504	TYPICAL DETAILS I
196	C-505	TYPICAL DETAILS II
197	C-506	TYPICAL DETAILS III
198	C-507	TYPICAL DETAILS IV
199	C-508	TYPICAL DETAILS V

WATERMAIN QUANTITIES			
IDOT #	DESCRIPTION	UNIT	QUANTITY
56103000	DUCTILE IRON WATER MAIN 6"	L.F.	38
56103100	DUCTILE IRON WATER MAIN 8"	L.F.	6,310
X1200246	WATERMAIN CASING PIPE	L.F.	279
56103400	DUCTILE IRON WATER MAIN 16"	L.F.	45
X5640150	FIRE HYDRANT ASSEMBLY COMPLETE	EACH	19
X6026616	GATE VALVE, 8" WITH VAULT BOX	EACH	8
Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	12
X2090215	SELECT GRANULAR BACKFILL (SPECIAL)	CU.YD.	1,390
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L.S.	1
X1200085	HYDROSTATIC TESTING AND DISINFECTING WATER MAINS	L.F.	6398
44000100	PAVEMENT REMOVAL	S.Y.	196
40603230	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TONS	49
40604100	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TONS	17
31100600	SUBBASE GRANULAR MATERIAL ,TYPE A 7"	S.Y.	196
44000600	SIDEWALK REMOVAL	S.F.	1,100
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	S.F.	1,100
Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	L.F.	19

ALL WATERMAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH ILLINOIS AMERICAN WATER COMPANY PLANS, DETAILS, AND TECHNICAL SPECIFICATIONS. IDOT PAY NUMBERS AND NAMING CONVENTION ARE FOR RECORDING PURPOSES ONLY.



License No. OFFICE NUMBER

CONSULTANTS



Abbe N. Buehler

EXP: 11/30/2025
DATE: 8/30/2024
SHEETS: 178-199

FINAL
SEPTEMBER 2024

MOSS AVENUE
WATERMAIN RELOCATION

OWNER



AMERICAN WATER

ILLINOIS AMERICAN WATER
COMPANY

PEORIA, ILLINOIS

0/16/24 ADD 1 GATE VALVE, GRANULAR BACKFILL, & 16" WM QUANTITY CORRECTION

MARK DATE DESCRIPTION

PROJECT NO: 23006012-00

CAD DWG FILE: 23006012-00_G-002.DWG

DESIGNED BY: ANB

DRAWN BY: DJD

CHECKED BY: ANB

APPROVED BY: SLD

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SHEET TITLE

GENERAL NOTES &
LEGEND

SHEET 178 OF 199 G-001

Path: J:\Illinois\AmericanWater\23006012-00_MossAveWaterMainDraw\Sheets\23006012-00_G-002.dwg
Date: Thursday, October 17, 2024 11:20:19 AM



License No. OFFICE NUMBER
CONSULTANTS

FINAL
SEPTEMBER 2024

MOSS AVENUE WATERMAIN RELOCATION

OWNER



ILLINOIS AMERICAN WATER
COMPANY
PEORIA, ILLINOIS

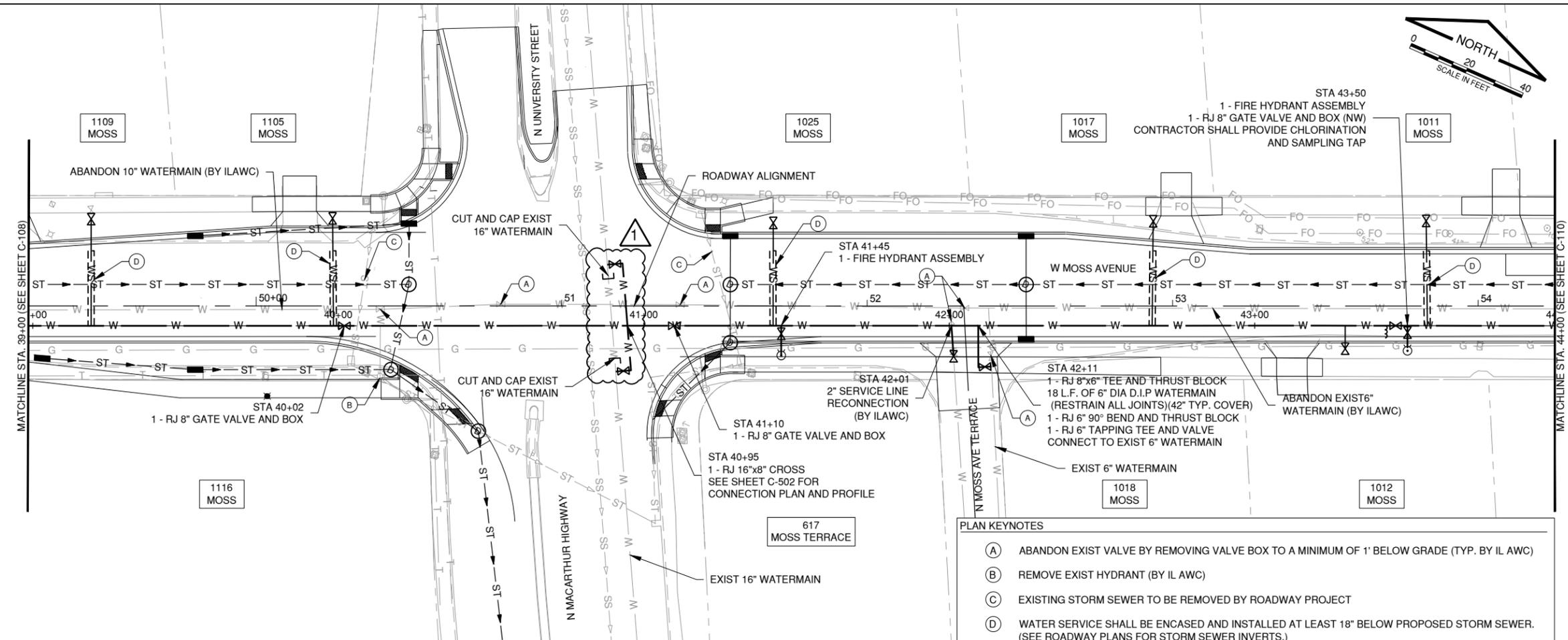
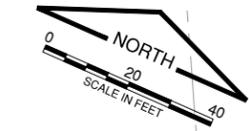
10/16/24 ADD 1 UNIVERSITY CONNECTION LENGTH UPDATE

MARK DATE DESCRIPTION

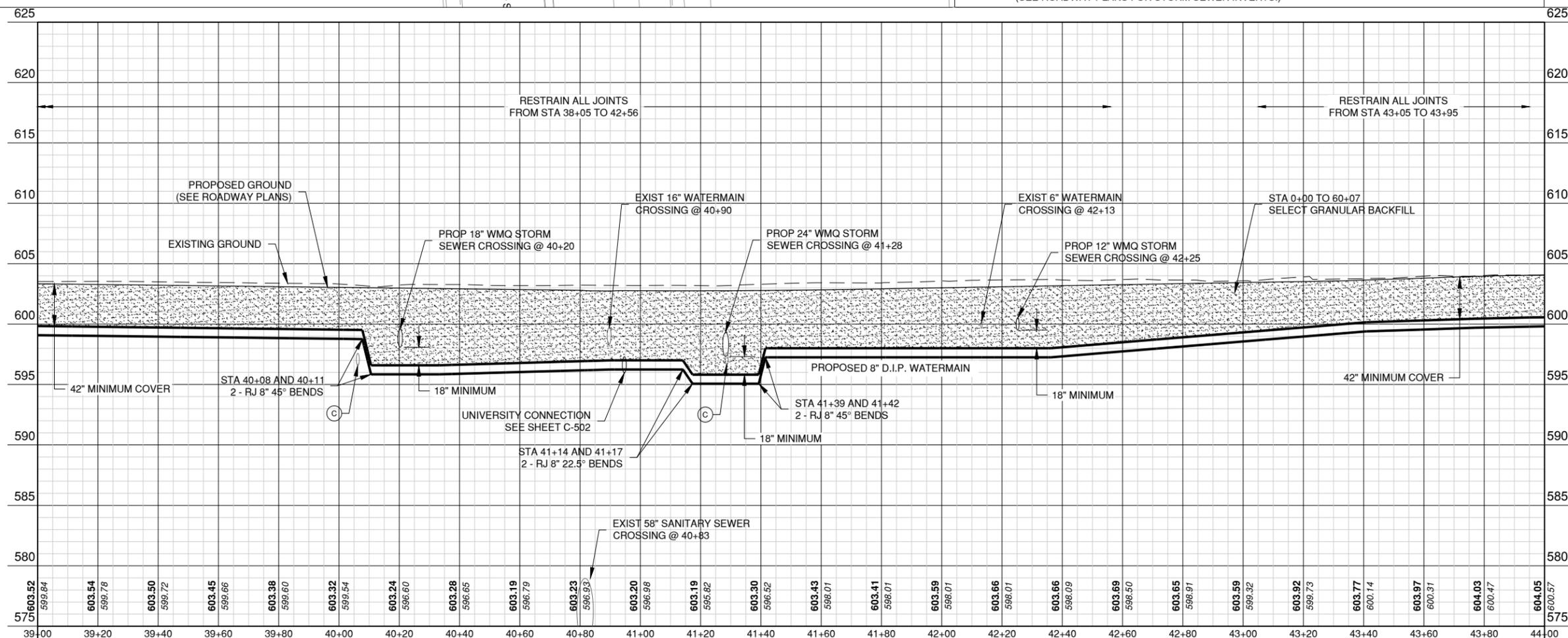
PROJECT NO: 23006012-00
CAD DWG FILE: 23006012-00_C-101.DWG
DESIGNED BY: ANB
DRAWN BY: ANB
CHECKED BY: ANB
APPROVED BY: MZ
COPYRIGHT:

SHEET TITLE
STA 39+00 TO 44+00

SHEET 187 OF 199
C-109



- PLAN KEYNOTES**
- (A) ABANDON EXIST VALVE BY REMOVING VALVE BOX TO A MINIMUM OF 1' BELOW GRADE (TYP. BY IL AWC)
 - (B) REMOVE EXIST HYDRANT (BY IL AWC)
 - (C) EXISTING STORM SEWER TO BE REMOVED BY ROADWAY PROJECT
 - (D) WATER SERVICE SHALL BE ENCASED AND INSTALLED AT LEAST 18" BELOW PROPOSED STORM SEWER. (SEE ROADWAY PLANS FOR STORM SEWER INVERTS.)



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Date: Thursday, October 17, 2024 11:20:26 AM

